

FOSSILIUM CATALOGUS I: ANIMALIA

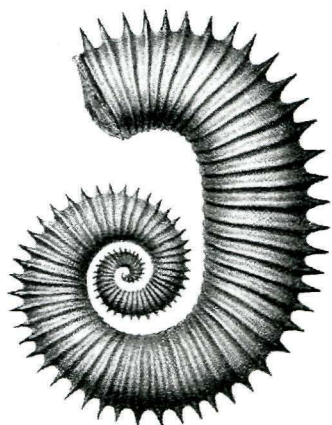
Edited by
Wolfgang RIEGRAF

Pars 144

Lower Cretaceous Ammonites III Bochianitoidea, Protancyloceratoidea, Ancyloceratoidea, Ptychoceratoidea

by

Jaap KLEIN, Robert BUSNARDO, Miguel COMPANY,
Gérard DELANOY, Mikheil KAKABADZE, Stéphane REBOULET,
Pierre ROPOLO, Zdeněk VAŠÍČEK & Jean VERMEULEN



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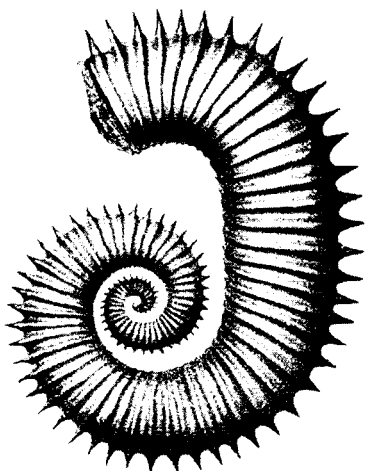
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Preface & acknowledgements

During the last decades a lot of research on the heteromorphs of the Lower Cretaceous has been performed: detailed stratigraphic research of Valanginian, Hauterivian, Barremian and Aptian key sections in SE France, in the rest of Europe, in America, and in Africa, precise revision of classical ammonite collections and significant work on their morphology and evolution.

The heteromorphs are difficult to study and to interpret because they are a complex group of ammonites. Gérard DELANOY wrote about his field of research: "There are many small heteromorphic ammonites with tuberculated venter in the Upper Barremian and they are difficult to integrate in a phylogenetic scheme because we do not always have all the elements. Heteromorphic ammonites have only a small number of ornamental and morphological characters and they "play" always with the same: uni-bi-trituberculate ribs, non tuberculate ribs, vigorous ribbing on the body chamber or not, coiled or uncoiled shells with all the intermediate forms. All these characters can change very quickly during their range". Thereto we can add that a lot of heteromorph species are based on very fragmentary material of unknown stratigraphical origin, that too many species are based on a single specimen, that isolated findings from outside the Tethys are difficult to integrate in a classification and that a thorough revision of the Lower Cretaceous heteromorph fauna of Germany is unfortunately not yet done.

So I am very pleased that nearly all specialists that are active in this research were willing and could find time to work together on this part of the Fossilium Catalogus.

In his thesis Stéphane REBOULET made it plausible that the superfamily Ancyloceratoidea is probably not monophyletic but has a multiple origin in the Neocomitidae. He described possible ancestors in the Valanginian and Lower Hauterivian.

For decades Jean VERMEULEN studied the stratigraphy and ammonite distribution in the Upper Hauterivian and Lower Barremian of SE France, in the first years working on the Pulchelliidae but in the last years also on heteromorphs. His recent publications about a new phylogenetic classification of the Lower Cretaceous heteromorphs were the start of heated debate.

Gérard DELANOY wrote a lot of papers and books on ammonite stratigraphy, especially on the Upper Barremian and around the Barremian-Aptian boundary in SE France. Furthermore he published papers on the classification of, and the evolution of coiling in, heteromorphs.

The ammonite stratigraphy around the top of the Barremian and the base of the Aptian in La Bédoule was studied by Pierre ROPOLO. He published significant papers on the evolution and variation of coiling and on the dimorphism of heteromorphs.

In Spain Miguel COMPANY and his colleagues from Granada were the first who investigated the Lower Cretaceous of the Betic Cordillera of Spain in detail, especially the ammonites and their distribution around the Berriasian-Valanginian boundary, in the Valanginian, Barremian, Aptian, and around the Barremian-Aptian boundary.

The achievement of Zdeněk VAŠÍČEK is a long list of publications on the Lower Cretaceous ammonites and stratigraphy of the Carpathians of the Czech and Slovak Republics, Upper Austria and the Northern Calcareous Alps. He revised the ammonites described by UHLIG of the 'Teschener & Wernsdorfer Schichten'.

Recently Robert BUSNARDO revised most of the Lower Cretaceous ammonites described by Alcide D'ORBIGNY in his 'Paléontologie française, Terrains Crétacés. Céphalopodes'. He researched together with JEAN CHAROLLAIS, MARC WEIDMANN & BERNARD CLAVEL the Early Cretaceous of La Veveyse de Châtel in Switzerland. They could place most of the ammonites described by OOSTER, SARASIN & SCHÖNDELMAYER and PICTET & DE LORIOI in a stratigraphical context.

Mikheil KAKABADZE is well known from his work on the heteromorphs of the Caucasus, Crimea and Colombia. Besides he wrote articles on the mode of life, the classification, and on the intraspecific and intrageneric variabilities of the heteromorph ammonites.

Although we all disagree about a lot in this Fossilium Catalogus, however, we consider our result as a starting point for further research on the classification of the Lower Cretaceous heteromorphs.

In addition to the acknowledgements given in Part I and II of *Lower Cretaceous Ammonites* we are obliged to Dr. Francisco NULLO (Servicio Geológico Nacional) from Argentina, Dr. Coral STANLEY (South Australian Parliamentary Library) from Australia, Dr. Michał KROBICKI (University of Mining and Metallurgy, Kraków) from Poland, Dr. Mikhail ROGOV (Geological Institute of the Russian Academy of Sciences) from Russia and Dr. Peter RODDA (California Academy of Sciences) from the United States for helping us with literature. Special thanks to Prof. Dr. Fabrizio CECCA (Université Pierre et Marie Curie, Paris) and Prof. Dr. Gérard THOMEL (St. Blaise) for providing us with additional information.

Vinkeveen, in summer 2007

Jaap KLEIN

Contents

INTRODUCTION1

Superfamily BOCHIANITOIDEA SPATH, 19222

 Family BOCHIANITIDAE Spath, 1922.....2

Superfamily PROTANCYLOCERATOIDEA BREISTROFFER, 194713

 Family PROTANCYLOCERATIDAE Breistroffer, 1947.....13

 Family AEGOCRIOCERATIDAE Vermeulen, 2006.....21

Superfamily ANCYLOCERATOIDEA GILL, 187131

 Family HIMANTOCERATIDAE Dimitrova, 197031

 Family CRIOCERATITIDAE Gill, 187134

 Family EMERICICERATIDAE Vermeulen, 2004.....67

 Family ACRIOCERATIDAE Vermeulen, 2004.....94

 Family ANCYLOCERATIDAE Gill, 1871.....118

 Family HETEROCERATIDAE Spath, 1922174

 Family HEMIHOPLITIDAE Spath, 1924213

 Family LEPTOCERATOIDIDAE Thieuloy, 1966230

 Family LEPTOCERATOIDIDAE genus incertum244

 Family LABECERATIDAE Spath, 1925.....245

Superfamily ANCYLOCERATOIDEA familia incerta260

Superfamily ANCYLOCERATOIDEA genus incertum.....260

Superfamily PTYCHOCERATOIDEA GILL, 1871264

 Family PTYCHOCERATIDAE Gill, 1871264

 Family HAMULINIDAE Gill, 1871.....271

 ?Family MEGACRIOCERATIDAE Vermeulen, 2006285

 Family MACROSCAPHITIDAE Hyatt, 1900289

References.....305

INDEX.....355

Introduction

The classification in this part of the Fossilium Catalogus differs from that of WRIGHT et al., 1996. Three new superfamilies are introduced: the Bochianitoidea SPATH, 1922, the Protancyloceratoidea BREISTROFFER, 1947 and the Ptychoceratoidea GILL, 1871 in which several families and genera are listed that WRIGHT included in the superfamily Ancylocerataceae (Ancyloceratoidea) GILL, 1871. The superfamilies Bochianitoidea and Protancyloceratoidea are excluded from this superfamily because representatives probably derived from Late Jurassic perisphinctids and have no phylogenetic lineages with the Ancyloceratoidea. The origin of the Ptychoceratoidea is yet unclear. VERMEULEN, 2006 classified this superfamily in the Turrilitina BESNOSOV & MIKHAILOVA, 1983.

The subfamily Helicancylinae HYATT, 1894 is treated as being invalid. WRIGHT himself regards this not as a natural subfamily but a collection of small forms and microconchs of various late Crioceratitinae and Ancyloceratinae.

Following VERMEULEN, 2004 and 2006 we tentatively introduce some new families: the Aegocrioceratidae, the Emericiceratidae, the Acrioceratidae and the Megacrioceratidae but not all authors of this part of the Fossilium Catalogus are convinced of their necessity and some consider the Emericiceratidae and the Acrioceratidae as artificial.

We used three new subfamilies of the Hemihoplitidae created by BERT, DELANOY & BERSAC, 2006: the Hemihoplitinae, the Gassendiceratinae and the Peirescinae of which some of us are also not convinced of their necessity.

All literature quoted in the present part has been checked by us. We have used eleven not formally published works because 1) other authors cited these and 2) because these works contain relevant information.

The reference lists that belong to the species are mainly references of specimens that are depicted. But also included are references that can be important for palaeobiogeographical research. They are compiled from literature, but in addition we all have consulted many collections during our research. The lists are of course subjective and open to improvement. We have attributed several species provisional to a genus, and that with question marks because further research is needed to clarify the taxonomical status of these species.

We have designated 30 lectotypes, 3 neotypes in the case of *Audouliceras renauxianum*, *Crioceratites villiersianus* and *Ptychoceras puzosianum* and one new name: *Pseudoaustraliceras waageni*. In 128 cases 'lectotype requested' is indicated and in 9 cases 'neotype requested'.

Colleagues are kindly asked to communicate genera and species lacking, errors, mistakes and erroneous data in this part. Other suggestions for improvement of the text are also highly welcome. These supplementary data will be published in Part 6 of *Lower Cretaceous Ammonites* with references to the contributors.

Abbreviations

HT	holotype
LT	lectotype
MT	monotypy
OD	original designation
SD	subsequent designation
ICZN	International Code of Zoological Nomenclature

Superfamily BOCHIANITOIDEA SPATH, 1922

Family BOCHIANITIDAE SPATH, 1922 (=BACULINIDAE GILL, 1871) (nomen oblitum)

Bochianites LORY, 1898 (1898, p. 133)

TYPE SPECIES: *Baculites neocomiensis* D'ORBIGNY, 1842, p. 560 (BUSNARDO in GAUTHIER, 2006, pl. 9, fig. 4, text-fig. 73a, 73b) (OD).

INCLUDED (SUB)SPECIES:

<i>africanus</i> -	TATE, 1867, p. 150, pl. VII, fig. 5a (LT designated by SPATH, 1930b, p. 154)
<i>ambikiyensis</i> -	COLLIGNON, 1962a, p. 35, pl. CLXXXVII, fig. 856 (HT by OD)
<i>baculitoides</i> -	ARNOULD-SAGET, 1953, p. 112, pl. X, fig. 9a, 9b, 9c, text-fig. 53 (HT by OD)
<i>bochianensis</i> -	ARNAUD-VANNEAU et al., 1987, p. 120 (nomen nudum)
<i>demissus</i> -	BODYLEVSKY, 1960, p. 175, pl. 39, fig. 4 (HT by MT)
<i>furcatocostatus</i> -	MANDOV, 1975, p. 48, pl. I, fig. 6 (HT by OD)
<i>gerardianus</i> -	STOLICZKA, 1866, p. 110, pl. X, fig. 3, 3a (HT by MT)
<i>glaber</i> -	KITCHIN, 1908, p. 181, pl. VIII, fig. 20 (LT designated by COOPER, 1981, p. 157)
<i>?glennensis</i> -	ANDERSON, 1945, p. 984, pl. 7, fig. 2a, 2b, 2c (HT by OD)
<i>goubeachensis</i> -	MANDOV, 1971, p. 97, pl. III, fig. 1 (HT by OD)
<i>gracilis</i> -	THOMSON, 1974, p. 10, pl. II, fig. c, f (HT by OD)
<i>kiliani</i> -	TURNER, 1962, p. 246 (LT requested)
<i>laevis</i> -	LIU, 1988, p. 117, pl. 11, fig. 8a, 8b (HT by OD)
<i>maldonadi</i> -	KARSTEN, 1858, p. 105 (LT requested)
<i>?meyrati</i> -	OOSTER, 1860, p. 91, pl. 60, fig. 6, 7 (HT by MT)
<i>neocomiensiformis</i> -	MICHALÍK & VAŠÍČEK, 1989, p. 515 (nomen nudum)
<i>neocomiensis</i> -	D'ORBIGNY, 1842, p. 560 (LT designated by BUSNARDO in GAUTHIER, 2006, p. 164, pl. 9, fig. 4, text-fig. 73a, 73b)
<i>neocomiensis lamberti</i> -	TURNER, 1962, p. 244 (nomen nudum)
<i>neocomiensis tuberculatus</i> -	MANDOV, 1971, p. 94, pl. II, fig. 3 (HT by OD)
<i>nodosocostatus</i> -	MANDOV, 1971, p. 96, pl. II, fig. 6, text-fig. 3 (HT by OD)
<i>noricus</i> -	WINKLER, 1868, p. 22, pl. 4, fig. 1, 1a, 1b (LT designated herein) ¹
<i>oosteri</i> -	SARASIN & SCHÖNDELMAYER, 1902, p. 179, pl. XXIV, fig. 3, text-fig. 6 (LT designated by PATRULIUS & AVRAM, 1976, p. 165) ²
<i>paskentaensis</i> -	ANDERSON, 1938, p. 167, pl. 29, fig. 10 (HT by OD)
<i>?renevieri</i> -	OOSTER, 1860, p. 91 (LT requested)
<i>thieuloidis</i> -	CANTÚ CHAPA, 1976, p. 66, pl. VII, fig. 11, 11b, 11c (HT by OD)
<i>versteeghi</i> -	BOEHM, 1904, p. 27, pl. II, fig. 6a, 6b, 6c, text-fig. 4 (HT by MT)

The specimen WINKLER, 1868 described and depicted.

¹According to VAŠÍČEK (herein) it is an autonomous species distinct from *Bochianites neocomiensis*.

weteringi -

BOEHM, 1904, p. 26, pl. II, fig. 5a, 5b, text-fig. 3 (HT by MT)

xizangensis -

LIU, 1988, p. 117, pl. 12, fig. 1a, 1b (HT by OD)

zigzag -

ETAYO-SERNA, 1985, p. XXIV-25, pl. 4, fig. 9, 10 (HT by OD)

***Bochianites africanus* (TATE, 1867)**

- *1867 *Hamites Africanus* - TATE, p. 150, pl. VII, fig. 5a, 5b, 5c, 5d
1882 *Hamites Africanus* - HOLUB & NEUMAYR, p. 271
1908 *Bochianites africanus* - KITCHIN, p. 225
1930b *Bochianites africanus* - SPATH, p. 153, pl. XIV, fig. 2a, 2b, 2c, 2d, fig. 3a, 3b, 3c (=TATE, 1867, pl. VII, fig. 5a), pl. XV, fig. 3a, 3b, 3c (=TATE, 1867, pl. VII, fig. 5c), fig. 3d
1954 *Bochianites africanus* - TOIT, p. 384
1975 *Bochianites cf. africanus* - MANDOV, p. 48, pl. I, fig. 4
1979 *Bochianites africanus* - KLINGER & KENNEDY, p. 17, fig. 3F, 3G, 3H
1981 *Bochianites africanus* - COOPER, p. 158, text-fig. 6 (TATE, 1867, pl. VII, fig. 5a, 5b, 5c, 5d & SPATH, 1930b, pl. XV, fig. 3d), text-fig. 7A, 7B, 7C, 7D, 7E, 7F, 7G, 7H, 7I, 7J, 7K, 7L, 7M, 7N, 7O, 7P, 7Q, 7R, 7S, 7T, 7U

***Bochianites ambikyensis* COLLIGNON, 1962**

- 1936 *Bochianites* sp. - BESAIRIE, p. 145, pl. XIII, fig. 1
*1962a *Bochianites ambikyensis* - COLLIGNON, p. 35, pl. CLXXXVII, fig. 856 (=BESAIRIE, 1936, pl. XIII, fig. 1)

***Bochianites baculitoides* ARNOULD-SAGET, 1953**

- *1953 *Bochianites baculitoïdes* - ARNOULD-SAGET, p. 112, pl. X, fig. 9a, 9b, 9c, 10a, 10b, 10c, 11a, 11b, 11c, text-fig. 53, 54, 55
1975 *Bochianites baculitoides* - ALLEMANN et al., text-fig. 1, 2, 4
1994 *Bochianites cf. baculoides* - GIBLING et al., fig. 22A, 22B

***Bochianites bochianensis* ARNAUD-VANNEAU et al., 1987**

- *1987 *Bochianites bochianensis* - ARNAUD-VANNEAU et al., p. 120 (nomen nudum)

***Bochianites demissus* BODYLEVSKY, 1960**

- *1960 *Bochianites demissus* - BODYLEVSKY, p. 175, pl. 39, fig. 3a, 3b, 4, text-fig. 30
1981a *Bochianites demissus* - BURDYKINA, p. 54, pl. I, fig. 9, 10, 11, 14, 15, 16, text-fig. 3a, 3b, 3c, ?pl. I, fig. 8, 12, 13, 17 (= ?*Bochianites neocomiensis* morf *goubenchensis*)
1981b *Bochianites demissus* - BURDYKINA, p. 43, pl. I, fig. 9, 10, 11, 14, 15, 16, text-fig. 3a, 3b, 3c (=BURDYKINA, 1981a, pl. I, fig. 9, 10, 11, 14, 15, 16, text-fig. 3a, 3b, 3c), ?pl. I, fig. 8, 12, 13, 17 (=BURDYKINA, 1981a, pl. I, fig. 8, 12, 13, 17) (= ?*Bochianites neocomiensis* morf *goubenchensis*)

***Bochianites furcatocostatus* MANDOV, 1975**

- *1975 *Bochianites furcatocostatus* - MANDOV, p. 48, pl. I, fig. 6, 7, 8, 9, 10

***Bochianites gerardianus* (STOLICZKA, 1866)**

- *1866 *Anisoceras Gerardianum* - STOLICZKA, p. 110, pl. X, fig. 3, 3a

- 1910 *Bochianites Gerardianus* - UHLIG, p. 381, pl. LXXIX, fig. 3a, 3b, 3c, 3d, 3e, 3f (=STOLICZKA, 1866, pl. X, fig. 3, 3a)
 1962a *Bochianites* cf. *gerardi* - COLLIGNON, p. 35, pl. CLXXXVII, fig. 858
 1968 *Bochianites* cf. *gerardianus* - FATMI, p. 85, pl. 42, fig. 3
 1973 *Cochlocrioceras gerardianus* - WIEDMANN, p. 310
 1976 *Bochianites* aff. *gerardi* - COVACEVICH, p. 39, pl. 2, fig. 2a, 2b, 2c, 2d, text-fig. 9f
 1977 *Bochianites* cf. *gerardianus* - FATMI, p. 262 (=FATMI, 1968, pl. 42, fig. 3)

***Bochianites glaber* KITCHIN, 1908**

- *1908 *Bochianites glaber* - KITCHIN, p. 181, pl. VIII, fig. 20, 21
 1909 *Bochianites glaber* - HATCH & CORSTORPHINE, p. 303, pl. 76f (=KITCHIN, 1908, pl. VIII, fig. 20)
 1930b *Bochianites glaber* - SPATH, p. 155
 1953 *Bochianites* cf. *glaber* - ARNOULD-SAGET, p. 111, pl. X, fig. 12, 13a, 13b, 15, 16, 17, text-fig. 52
 1954 *Bochianites glaber* - TOIT, p. 384
 1976 *Bochianites* aff. *glaber* - COVACEVICH, p. 37, pl. 2, fig. 1a, 1b, 1c, text-fig. 9e
 1979 *Bochianites glaber* - KLINGER & KENNEDY, p. 17
 1981 *Bochianites glaber* - COOPER, p. 157, fig. 4A, 4B, 4C (=KITCHIN, 1908, pl. VIII, fig. 20)

***Bochianites? glennensis* ANDERSON, 1945**

- 1943 *Bochianites* sp. - HANNA & HERTLEIN, p. 168, fig. 61: 22
 *1945 *Bochianites glennensis* - ANDERSON, p. 984, pl. 7, fig. 2a, 2b, 2c (=HANNA & HERTLEIN, 1943, fig. 61: 22)
 1970 *Bochianites? glennensis* - IMLAY & JONES, p. B30, pl. 1, fig. 11, 12 (=HANNA & HERTLEIN, 1943, fig. 61: 22)

***Bochianites gracilis* THOMSON, 1974**

- 1971 *Bochianites* sp. nov. - THOMSON, p. 158
 *1974 *Bochianites gracilis* - THOMSON, p. 10, pl. II, fig. c, f
 1982 *Bochianites gracilis* - THOMSON, p. 765

***Bochianites kiliani* TURNER, 1962**

- *1962 *Bochianites kiliani* P. Lory - TURNER, p. 246, text-fig. 3
 2003 *Bochianites kiliani* - BUSNARDO et al., p. 42

***Bochianites laevis* LIU, 1988**

- *1988 *Bochianites laevis* - LIU, p. 117, pl. 11, fig. 4, 5, 6, 7, 8a, 8b

***Bochianites maldonadi* (KARSTEN, 1858)**

- *1858 *Baculites Maldonadi* - KARSTEN, p. 105, pl. II, fig. 2a, 2b
 1886 *Baculites Maldonadi* - KARSTEN, pl. II, fig. 2a, 2b (=KARSTEN, 1858, pl. II, fig. 2a, 2b)
 1981 *Bochianites maldonadi* - COOPER, p. 158, text-fig. 5 (=KARSTEN, 1858, pl. II, fig. 2a, 2b)

***Bochianites? meyrati* (OOSTER, 1860)**

- *1860 *Baculites? Meyrati* - OOSTER, p. 91, pl. 60, fig. 6, 7
 1863 *Baculites Meyrati* - OOSTER, p. 11, pl. C, fig. 8

*1989 *Bochianites neocomiensiformis* - MICHALÍK & VAŠÍČEK, p. 515

***Bochianites neocomiensis* (D'ORBIGNY, 1842)**

- *1842 *Baculites neocomiensis* - D'ORBIGNY, p. 560, pl. 138, fig. 1, 2, 3, 4, 5 (compilation of several specimens)
- 1848 *Baculites Neocomiensis* - VON QUENSTEDT, p. 294, pl. 21, fig. 16a, 16b, 16c, 16d
- 1860 *Baculites Neocomiensis* - OOSTER, p. 88, pl. 61, fig. 4, 5, 6, 7, 8, non fig. 1, 2, 3 (= ?*Anahamulina paxillosa*)
- ?1868 *Baculites neocomiensis* - WINKLER, p. 21, pl. 4, fig. 2 (= ?*Bochianites noricus*)
- 1880 *Baculites neocomiensis* - COQUAND, p. 44
- 1882 *Baculites neocomiensis* - MALLADA, p. 37
- 1884 *Baculites neocomiensis* - WEERTH, p. 25, pl. III, fig. 5, 6
- 1887 *Baculites neocomiensis* - MALLADA, pl. 14, fig. 19, 20, 21 (=D'ORBIGNY, 1842, pl. 138, fig. 1, 2, 3), fig. 22 (=D'ORBIGNY, 1842, pl. 138, fig. 4)
- non1888 *Baculites neocomiensis* - HERBICH, p. 294, pl. XIV, fig. 9, 10 (= *Anahamulina* sp.)
- 1902 *Ptychoceras neocomiense* - UHLIG, p. 62
- 1902 *Bochianites neocomiensis* - SARASIN & SCHÖNDELMAYER, p. 178
- 1902 *Bochianites Oosteri* - SARASIN & SCHÖNDELMAYER, p. 179, pl. XXIV, fig. 3, 4, text-fig. 6
- 1902 *Bochianites* cf. *neocomiensis* - VON KOENEN, p. 397, pl. XV, fig. 3a, 3b
- non1907 *Bochianites neocomiensis* - KARAKASCH, p. 156, pl. XXV, fig. 17
- ?1907 *Bochianites Oosteri* - KARAKASCH, p. 157, pl. XXV, fig. 10
- ?1912 ?*Baculites neocomiensis* - SOKOLOV, p. 14, pl. I, fig. 11
- 1924a *Bochianites neocomiensis* - SPATH, p. 75
- 1928 *Baculites* aff. *neocomiensis* - SOKOLOV, p. 28, text-fig. 2
- 1938 *Bochianites neocomiensis* - ROMAN, p. 50, text-fig. 47 (=D'ORBIGNY, 1842, pl. 138, fig. 4), non pl. V, fig. 47 (=D'ORBIGNY, 1842, pl. 138, fig. 8) (= *Sciponoceras baculoides*)
- 1950 *Bochianites* cf. *neocomiensis* - STOLLEY, p. 125
- 1950 *Bochianites neocomiensis* - RIEDEL, p. 133
- 1953 *Bochianites neocomiensis* - ARNOULD-SAGET, p. 111, pl. X, fig. 14a, 14b, text-fig. 51
- 1954 *Bochianites neocomiensis* - DURAND DELGA, p. 135, text-fig. A
- 1956 *Bochianites neocomiensis* - KOKOSZYŃSKA, p. 33, pl. IV, fig. 15, 16
- 1957 *Baculites (Bochianites) neocomiensis* - MUTIHAC, p. 360 (18), pl. III, fig. 14
- 1957 *Bochianites neocomiensis* - ARKELL et al., p. L207, fig. 236: 1a, 1b (=D'ORBIGNY, 1842, pl. 138, fig. 1, 4)
- 1958 *Bochianites neocomiensis* - DRUSHCHITS & ERISTAVI, p. 106, pl. XLIX, fig. 7 (=D'ORBIGNY, 1842, pl. 138, fig. 1)
- 1962 *Bochianites neocomiensis* var. *oosteri* - TURNER, p. 244, pl. unnumbered, fig. 1, 2a, 2b, 3, 4a, 4b, 4c, 4d, 4e, 4f, 5, text-fig. 2a, 2b
- 1962a *Bochianites neocomiensis* - WIEDMANN, p. 87, pl. 6, fig. 6a, 6b, 6c, text-fig. 30a
- 1962a *Bochianites oosteri* - WIEDMANN, p. 87, pl. 6, fig. 5
- 1962b *Bochianites neocomiensis* - WIEDMANN, p. 41, pl. 6, fig. 6a, 6b, 6c (=WIEDMANN, 1962a, pl. 6, fig. 6a, 6b, 6c), text-fig. 21a (=WIEDMANN, 1962a, text-fig. 30a)
- 1962b *Bochianites oosteri* - WIEDMANN, p. 41, pl. 6, fig. 5 (=WIEDMANN, 1962a, pl. 6, fig. 5)
- 1966 *Bochianites neocomienis* - MUȚIU, p. 450, pl. II, fig. 13
- 1966 *Bochianites* cf. *neocomiensis* - RAWSON, p. 255, pl. 30, fig. 3a, 3b
- 1966 *Bochianites neocomiensis* - THIEULOY, text-fig. 2
- 1969 *Bochianites neocomiensis* - MUȚIU, p. 14, pl. I, fig. 4, 5
- 1969 *Bochianites neocomiensis* - WITKOWSKI, p. 92, pl. XIX, fig. 4
- 1971 *Bochianites neocomiensis neocomiensis* - MANDOV, p. 93, pl. I, fig. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, text-fig. 1
- 1971 *Bochianites neocomiensis tuberculatus* - MANDOV, p. 94, pl. II, fig. 3, 4, 5

- 1971 *Bochianites* aff. *neocomiensis* - MANDOV, p. 95, pl. 2, fig. 1, 2, 8, text-fig. 2
- 1971 *Bochianites nodosocostatus* - MANDOV, p. 96, pl. II, fig. 6, 7, text-fig. 3
- 1971 *Bochianites goubenchensis* - MANDOV, p. 97, pl. III, fig. 1, 2, 3, 4, 5, 6, 7, 8, 9, text-fig. 4
- ?1971 *Bochianites oosteri* - MANDOV, p. 98, pl. III, fig. 10, pl. IV, fig. 1, 2, 3, 4, 5, text-fig. 5, (= ?*Ptychoceras meyrati*)
- ?1971 *Bochianites oosteri* - MANDOV, pl. IV, fig. 1, 2, 3, 4, 5, text-fig. 5
- 1971 *Bochianites* aff. *oosteri* - MANDOV, p. 99, pl. IX, fig. 6
- 1973 *Bochianites neocomiensis* - MAREK & RACZYŃSKA, p. 376
- non1975 *Bochianites neocomiensis tuberculatus* - MANDOV, p. 48, pl. I, fig. 1, 2, 3
- 1976 *Bochianites* cf. *neocomiensis* - PATRULIUS & AVRAM, p. 164, pl. II, fig. 5
- ?1976 *Bochianites oosteri* - PATRULIUS & AVRAM, p. 165, pl. II, fig. 4
- 1976 *Bochianites neocomiensis* - KEMPER, p. 36, pl. 31, fig. 21, 22, 23, 24
- 1976 *Bochianites neocomiensis* - COVACEVICH, p. 39, text-fig. 9a, 9b, 9c, 9d
- 1980 *Bochianites neocomiensis* - THOMEL, p. 46, fig. 70
- 1981 *Bochianites neocomiensis* - KEMPER et al., p. 265, pl. 34, fig. 20, 21
- 1981 *Bochianites* cf. *goubenchensis* - KEMPER et al., p. 266, pl. 34, fig. 22, 23 (=RAWSON, 1966, pl. 30, fig. 3a, 3b)
- ?1981a *Bochianites demissus* - BURDYKINA, pl. I, fig. 8, 12, 13, 17
- ?1981b *Bochianites demissus* - BURDYKINA, pl. I, fig. 8, 12, 13, 17 (=BURDYKINA, 1981a, pl. I, fig. 8, 12, 13, 17)
- 1984 *Bochianites neocomiensis* - MAREK & RAJSKA, p. 101, pl. XXXIV, fig. 4 (=WITKOWSKI, 1969, pl. XIX, fig. 4 partim)
- 1984 *Bochianites neocomiensis* - AVRAM & KUSKO, p. 13, pl. II, fig. 4
- 1987 *Bochianites neocomiensis* - COMPANY, p. 94, pl. 1, fig. 12, 13, 14, 15, 16, 17
- 1987 *Bochianites neocomiensis* - IMMEL, p. 114, pl. 11, fig. 3
- non1987 *Bochianites oosteri* - IMMEL, p. 115, pl. 11, fig. 11 (=Euptychoceras meyrati)
- 1987 *Bochianites neocomiensis* - KEMPER & WIEDENROTH, p. 321, pl. 8, fig. 4 (=KEMPER, 1976, pl. 31, fig. 21)
- 1988 *Bochianites neocomiensis* - KLEIN, pl. II, fig. 11
- 1988 *Bochianites goubenchensis* - WILKE, p. 21, pl. II, fig. 13
- 1988 *Bochianites neocomiensis tuberculatus* - WILKE, p. 16, pl. II, fig. 14
- 1989 *Bochianites neocomiensis* - MAREK et al., p. 78, pl. XXXV, fig. 4 (=WITKOWSKI, 1969, pl. XIX, fig. 4 partim)
- 1990 *Bochianites neocomiensis* - AVRAM, p. 43, pl. I, fig. 2a, 2b
- 1990 *Bochianites* cf. *oosteri* - AVRAM, p. 43, pl. I, fig. 1
- 1991 *Bochianites neocomiensis* - REBOULET, pl. 2, fig. 2
- 1991 *Bochianites neocomiensis* morphotype *goubenchensis* - THIEULOY et al., p. 64
- 1992 *Bochianites neocomiensis* - KEMPER, pl. 29, fig. 5a, 5b (=KEMPER et al., 1981, pl. 34, fig. 21, 20), fig. 9, 10 (=KEMPER, 1976, pl. 31, fig. 24, 21)
- 1992 *Bochianites* cf. *goubenchensis* - KEMPER, pl. 29, fig. 11a, 11b (=RAWSON, 1966, pl. 30, fig. 3a, 3b)
- 1992 *Bochianites neocomiensis* - VAŠÍČEK et al., p. 47, pl. IX, fig. 3
- 1995 *Bochianites* cf. *neocomiensis* - AVRAM, p. 115, pl. 1, fig. 3
- 1995 *Bochianites neocomiensis* morf *goubenchensis* - CECCA, p. 49, pl. 1, fig. 23
- 1996 *Bochianites neocomiensis* - REBOULET, p. 179, pl. 26, fig. 1, 2, 3, 4, 5, 6, 10, 11
- 1996 *Bochianites neocomiensis* morphe *tuberculatus* - REBOULET, pl. 26, fig. 7, 8, 9
- 1996 *Bochianites neocomiensis* morphe *goubenchensis* - REBOULET, p. 179, pl. 26, fig. 12, 13, 14, 15, 16, 17, 18, 19
- 1996 *Bochianites neocomiensis* - WRIGHT et al., p. 209, fig. 162: 3a, 3b, 4 (=D'ORBIGNY, 1842, pl. 138, fig. 1, fig. 4), non fig. 3c (=Kabyrites superstes)
- 1996 *Bochianites neocomiensis* - VAŠÍČEK & FAUPL, p. 112, pl. IV, fig. 3
- 1997 *Bochianites neocomiensis* - FARAONI et al., p. 71, 73, pl. 6, fig. 7, 8, 9
- 1997 *Bochianites neocomiensis* - PEZZONI et al., pl. 5, fig. 3
- 1998 *Bochianites neocomiensis* - VAŠÍČEK & FAUPL, p. 1425, pl. 1, fig. 1
- 1999 *Bochianites neocomiensis* - VAŠÍČEK, p. 216, pl. 1, fig. 1, text-fig. 1: 1

- 1999 *Bochianites oosteri* - VAŠÍČEK, p. 216, pl. 1, fig. 2, text-fig. 1: 2
 1999 *Bochianites oosteri* - LUKENEDER, pl. 2, fig. 6
 1999 *Bochianites neocomiensis* - MOOSLEITNER, p. 210, pl. 4, fig. 1, 2
 2000 *Bochianites neocomiensis* - VAŠÍČEK, REHÁKOVÁ & FAUPL, pl. 4, fig. 5
 2001 *Bochianites neocomiensis* - WIPPICH, p. 115, pl. 43, fig. 4, 5, 6
 2002b *Bochianites goubenchensis* - AVRAM, pl. 1, fig. 2
 2003a *Bochianites oosteri* - LUKENEDER, pl. 4, fig. 1 (=LUKENEDER, 1999, pl. 2, fig. 6)0
 2003 *Bochianites neocomiensis* - BUSNARDO et al., p. 41, pl. VI, fig. 11
 2003 *Bochianites oosteri* - BUSNARDO et al., p. 42, pl. X, fig. 7, 8, text-fig. 21 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XXIV, fig. 3, 4, text-fig. 6)
 2004a *Bochianites neocomiensis* - LUKENEDER, p. 51, pl. 2, fig. 15
 2004b *Bochianites neocomiensis* - LUKENEDER, pl. 3, fig. 1
 2004 *Bochianites neocomiensis* - ÉTTACHFINI, p. 167, pl. 29, fig. 1a, 1b, 1c, 2a, 2b, 3, 4, 5
 2004 *Bochianites neocomiensis* - JANSSEN & FÖZY, p. 33, pl. I, fig. 4
 2004 *Bochianites neocomiensis* - HOUŠA & VAŠÍČEK, p. 27, pl. 6, fig. 14, fig. 15, text-fig. 21 (=VAŠÍČEK, 1999, pl. 1, fig. 1, text-fig. 1: 1)
 2004 *Bochianites oosteri* - HOUŠA & VAŠÍČEK, p. 28, pl. 6, fig. 11 (=VAŠÍČEK, 1999, pl. 1, fig. 2), fig. 12, text-fig. 22 (=VAŠÍČEK, 1999, text-fig. 2 pars)
 2005b *Bochianites oosteri* - LUKENEDER, p. 37, pl. 2, fig. S
 2005c *Bochianites neocomiensis* - LUKENEDER, p. 4, pl. 3, fig. 5
 2006 *Bochianites neocomiensis* - BUSNARDO in GAUTHIER, p. 164, pl. 9, fig. 4, text-fig. 73a, 73b
 2006 *Bochianites cf. neocomiensis* - ALSEN, p. 123, pl. 39, fig. T, U

***Bochianites neocomiensis lamberti* TURNER, 1962**

- *1962 *Bochianites neocomiensis* var. *lamberti* Lory - TURNER, p. 244

***Bochianites noricus* (WINKLER, 1868)**

- *1868 *Baculites noricus* - WINKLER, p. 22, pl. 4, fig. 1, 1a, 1b
 ?1868 *Baculites neocomiensis* - WINKLER, p. 21, pl. 4, fig. 2
 1882b *Baculites noricus* - UHLIG, p. 385
 1987 *Bochianites noricus* - IMMEL, p. 114

***Bochianites paskentaensis* ANDERSON, 1938**

- 1933 *Bochianites paskentaensis* - ANDERSON, p. 1259 (nomen nudum)
 *1938 *Bochianites paskentaensis* - ANDERSON, p. 167, pl. 29, fig. 10
 1970 *Bochianites paskentaensis* - IMLAY & JONES, p. B30, pl. 1, fig. 13, 14, 15

***Bochianites? renevieri* (OOSTER, 1860)³**

- *1860 *Baculites Renevieri* - OOSTER, p. 91, pl. 60, fig. 4, 5
 1902 *Bochianites Renevieri* - SARASIN & SCHÖNDELMAYER, p. 180
 1979 *Bochianites cf. renevieri* - KLINGER & KENNEDY, p. 17, fig. 3E
 ?2002b *Bochianites cf. renevieri* - AVRAM, pl. I, fig. 3

***Bochianites thieuloidis* CANTÚ CHAPA, 1976**

- *1976 *Bochianites thieuloidis* - CANTÚ CHAPA, p. 66, pl. III, fig. 2, 3, 4, pl. VII, fig. 11, 11b, 11c
 1988 *Bochianites* sp. cf. *thieuloidis* - YOUNG, p. 624, pl. 1, fig. 4, 8

³ ?*Anahamulina* in the view of BREISTROFFER, 1952, p. 51.

***Bochianites versteeghi* BOEHM, 1904**

- *1904 *Bochianites Versteeghi* - BOEHM, p. 27, pl. II, fig. 6a, 6b, 6c, text-fig. 4
1931 *Bochianites Versteeghi* - KRUIZINGA, p. 349
1979 *Bochianites* aff. *versteeghi* - THOMSON, p. 10, pl. II, fig. n, o, p
1988 *Bochianites* aff. *versteeghi* - CRAME & HOWLETT, fig. 7c
1989 *Bochianites* aff. *versteeghi* - HOWLETT, p. 30, pl. 2, fig. 1, fig. 2 (=CRAME & HOWLETT, 1988, fig. 7c)

***Bochianites weteringi* BOEHM, 1904**

- *1904 *Bochianites Weteringi* - BOEHM, p. 26, pl. II, fig. 5a, 5b, text-fig. 3
1926 *Bochianites Weteringi* - KRUIZINGA, p. 35
1931 *Bochianites Weteringi* - KRUIZINGA, p. 349

***Bochianites xizangensis* LIU, 1988**

- *1988 *Bochianites xizangensis* - LIU, p. 117, pl. 12, fig. 1a, 1b

***Bochianites zigzag* ETAYO-SERNA, 1985**

- *1985 *Bochianites zigzag* - ETAYO-SERNA, p. XXIV-25, pl. 4, fig. 9, 10, pl. 6, fig. 3, 7, 8

***Baculina* D'ORBIGNY, 1850**

(1850, p. 66)

non D'ORBIGNY, 1849, p. 288, nomen nudum

TYPE SPECIES: *Baculina Rouyana* D'ORBIGNY, 1850, p. 66, nr. 67 (COTTREAU, 1934, pl. LXX (VIII), fig. 10) (OD).

INCLUDED (SUB)SPECIES:

rouyana - D'ORBIGNY, 1850, p. 66, nr. 67 (HT by MT
COTTREAU, 1934, pl. LXX(VIII), fig. 10)

***Baculina rouyana* D'ORBIGNY, 1850**

- *1850 *Baculina Rouyana* - D'ORBIGNY, p. 66, nr. 67
1934 *Baculina Rouyana* - COTTREAU, p. 51(7), pl. LXX(VIII), fig. 10, text-fig. on p. 52(8)
1938 *Baculina Rouyana* - ROMAN, p. 55
1957 *Baculina rouyana* - ARKELL et al., p. L207
1962 *Baculina rouyana* - TURNER, p. 247, text-fig. 4
1962a *Baculina rouyana* - WIEDMANN, p. 86, text-fig. 30d
1962b *Baculina rouyana* - WIEDMANN, text-fig. 21d (=WIEDMANN, 1962a, text-fig. 30d)
1996 *Baculina rouyana* - WRIGHT et al., p. 210, fig. 162: 1a, 1b (=COTTREAU, 1934, pl. LXX(VIII), fig. 10, text-fig. on p. 52 (8))
1999 *Baculina rouyana* - VAŠÍČEK, p. 216, pl. 1, fig. 3, text-fig. 1: 3
2004 *Baculina rouyana* - HOUŠA & VAŠÍČEK, p. 28, pl. 6, fig. 13, text-fig. 23
(=VAŠÍČEK, 1999, pl. 1, fig. 3, text-fig. 1: 3 pars)
2006 *Baculina rouyana* - VERMEULEN, p. 141

***Euptychoceras* BREISTROFFER, 1952**
(1952, p. 50)

TYPE SPECIES: *Ptychoceras meyrati* OOSTER, 1860, p. 82, pl. 59, fig. 1 (OD).

INCLUDED (SUB)SPECIES:

<i>biassalense</i> -	KARAKASCH, 1907, legend plate IV, fig. 1 (lapsus calami for <i>inostranzewi</i>) (nomen nudum)
<i>borzai</i> -	VÁŠÍČEK & MICHALÍK, 1988, p. 669, pl. III, fig. 4 (HT by OD)
<i>curnieri</i> -	THIEULOY, 1972, p. 44, pl. 5, fig. 6 (HT by OD)
<i>inornatum</i> -	SIMIONESCU, 1898, p. 122 (LT requested)
<i>inostranzewi</i> -	KARAKASCH, 1907, p. 155, pl. IV, fig. 1 (HT by MT)
<i>?jordanense</i> -	MURPHY, 1975, p. 20, pl. I, fig. 1 (HT by OD)
<i>meyrati</i> -	OOSTER, 1960, p. 82, pl. 59, fig. 1 (LT designated by BREISTROFFER, 1952, p. 50)
<i>?morloti</i> -	OOSTER, 1960, p. 84, pl. 60, fig. 1 (LT designated by VÁŠÍČEK, 1972, p. 65)
<i>natrice</i> -	ANDERSON, 1938, p. 218, pl. 61, fig. 2 (HT by OD)
<i>subundulatum</i> -	D'ORBIGNY, 1850, p. 102, n° 647' (LT COTTREAU, 1937, pl. LXXIX, fig. 14) ⁴
<i>teschenense</i> -	UHLIG, 1902, p. 63, pl. VIII, fig. 3a, 3b, 3c (HT by MT) (neotype requested) ⁵

***Euptychoceras borzai* VÁŠÍČEK & MICHALÍK, 1988**

*1988	<i>Euptychoceras borzai</i> - VÁŠÍČEK & MICHALÍK, p. 669, pl. III, fig. 1, 2, 3, 4, text-fig. 4
1989	<i>Euptychoceras borzai</i> - VÁŠÍČEK, pl. I, fig. 2 (=VÁŠÍČEK & MICHALÍK, 1988, pl. III, fig. 4)
1995	<i>Euptychoceras borzai</i> - VÁŠÍČEK, p. 174, pl. 3, fig. 1, 2 (=VÁŠÍČEK & MICHALÍK, 1988, pl. III, fig. 4, 1)
1997	<i>Ptychoceras borzai</i> - VÁŠÍČEK, p. 236

***Euptychoceras curnieri* THIEULOY, 1972**

1900	<i>Hamulina</i> sp. nov. aff. <i>inornata</i> - PAQUIER, p. 513(116)
*1972	<i>Euptychoceras curnieri</i> - THIEULOY, p. 44, pl. 5, fig. 6, text-fig. 4u, 4v (=PAQUIER, 1900, p. 513(116))
?1996	<i>Euptychoceras</i> aff. <i>curnieri</i> - REBOULET, p. 180, pl. 26, fig. 20, 21, 22, 23
?2004	<i>Euptychoceras</i> aff. <i>curnieri</i> - ETTACHFINI, p. 169, pl. 29, fig. 6, 7

***Euptychoceras? jordanense* MURPHY, 1975**

*1975	<i>?Euptychoceras jordanense</i> - MURPHY, p. 20, pl. I, fig. 1, text-fig. 11
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***Euptychoceras meyrati* (OOSTER, 1860)**

*1860	<i>Ptychoceras Meyrati</i> - OOSTER, p. 82, pl. 59, fig. 1, 2, 3, 4
?1860	<i>Ptychoceras laeve</i> - OOSTER, p. 86, pl. 58, fig. 9, 10
1868	<i>Ancyloceras Meyrati</i> - WINKLER, p. 21, pl. 3, fig. 6
1889b	<i>Ptychoceras Meyrati</i> - KILIAN, p. 234

⁴ According to COTTREAU all the specimens in the d'Orbigny collection are fragments. The specimen that COTTREAU depicted and that shows the typical cross of this species, is herein designated as lectotype.

⁵ The specimen is probably lost according to VÁŠÍČEK, 1975, p. 99. To his knowledge no other specimens have been found thus far in the type area.

- 1898 *Ptychoceras (Ptychoceras) inornatum* - SIMIONESCU, p. 122(66), pl. II, fig. 5, 6
 1899 *Ptychoceras inornatum* - SIMIONESCU, p. 485
 1902 *Ptychoceras Meyrati* - SARASIN & SCHÖNDELMAYER, p. 173, pl. XXV, fig. 1 (=OOSTER, 1860, pl. 59, fig. 1), fig. 2
 1907 *Ptychoceras Meyrati* - KARAKASCH, p. 155, pl. IV, fig. 5, pl. XXV, fig. 7
 1935 *Ptychoceras meyrati* - STAHLECKER, p. 286
 ?1935 *Ptychoceras aff. meyrati* - STAHLECKER, p. 286, pl. XIV, fig. 17
 ?1938a *Ptychoceras Meyrati* - ROUCHADZE, p. 138, pl. I, fig. 4
 1955 *Ptychoceras meyrati* - ERISTAVI, p. 62
 1957 *Euptychoceras meyrati* - ARKELL et al., p. L215
 1961 *Ptychoceras meyrati* - ERISTAVI, p. 83
 1964 *Euptychoceras* sp. - FÜLOP, pl. XXVIII, fig. 1
 1966 *Ptychoceras meyrati* - KALENICHENKO & KRUGLOV, p. 65, pl. II, fig. 4
 ?1971 *Bochianites oosteri* - MANDOV, pl. IV, fig. 1, 2, 3, 4, 5, text-fig. 5
 non1972 *Ptychoceras cf. meyrati* - VAŠÍČEK, p. 66, pl. X, fig. 1 (= *Ptychoceras dittleri*)
 non1982a *Euptychoceras meyrati* - BRAGA et al., p. 694, pl. 1, fig. 5
 1987 *Bochianites oosteri* - IMMEL, p. 115, pl. 11, fig. 11
 1987 *Ptychoceras meyrati* - IMMEL, p. 127, pl. 14, fig. 9 (=WINKLER, 1868, pl. 3, fig. 6)
 ?1989 *Bochianites* sp. - AUTRAN, pl. 1, fig. 1
 ?1989 *Ptychoceras cf. meyrati* - AUTRAN, pl. 13, fig. 14
 1991 *Euptychoceras meyrati* - MANTHEY, p. 77, pl. 2, fig. 6
 ?1993 *Bochianites* sp. - AUTRAN, pl. 1, fig. 1 (=AUTRAN, 1989, pl. 1, fig. 1)
 ?1993 *Ptychoceras cf. meyrati* - AUTRAN, pl. 13, fig. 14 (=AUTRAN, 1989, pl. 13, fig. 14)
 non1994 *Ptychoceras meyrati* - CECCA & LANDRA, p. 406, pl. 2, fig. 3 (= *Ptychoceras* sp.)
 ?1995 *Euptychoceras inornatum* - AVRAM, p. 119, pl. 3, fig. 8
 1995 *Ptychoceras meyrati* - FARAONI et al., p. 230, pl. 3, fig. 1, 2, 3, 11
 1996 *Euptychoceras meyrati* - WRIGHT et al., p. 231, fig. 181: 2 (=OOSTER, 1860, pl. 59, fig. 1)
 1999 *Ptychoceras meyrati* - VAŠÍČEK, p. 218, pl. 1, fig. 4, 5, 6
 2000 *Ptychoceras meyrati* - VAŠÍČEK & FAUPL, p. 611, pl. III, fig. 1, 2 (=VAŠÍČEK, 1999, pl. 1, fig. 6, 5), fig. 3, 4, fig. 5 (=VAŠÍČEK, 1999, pl. 1, fig. 4)
 non2000 *Ptychoceras cf. meyrati* - LANDRA et al., p. 40, pl. 2, fig. 6a, 6b, 7
 2001 *Euptychoceras cf. inornatum* - AVRAM & GRÄDINARU, p. 138, pl. 2, fig. 3
 2002 *Ptychoceras meyrati* - VAŠÍČEK, p. 195, pl. I, fig. 11
 2003 *Euptychoceras meyrati* - BUSNARDO et al., p. 87, pl. VI, fig. 7, pl. X, fig. 6, pl. XI, fig. 1 (=OOSTER, 1860, pl. 59, fig. 1)
 2006 *Ptychoceras meyrati* - FÖZY & JANSSEN, p. 50, fig. 2H

***Euptychoceras? morloti* (OOSTER, 1860)**

- *1860 *Ptychoceras Morloti* - OOSTER, p. 84, pl. 60, fig. 1, non fig. 2 (= *Auritina? suttneri*), ?fig. 3
 1902 *Ptychoceras Morloti* - SARASIN & SCHÖNDELMAYER, p. 174, pl. XXV, fig. 3 (=OOSTER, 1860, pl. 60, fig. 1)
 non1907 *Ptychoceras Morloti* - KARAKASCH, pl. XXV, fig. 12 (= *Anahamulina* sp.)
 non1972 *Ptychoceras morloti* - VAŠÍČEK, p. 65, pl. X, fig. 4, 5 (= *Heteroceras* sp.)
 ?1977 *Ptychoceras cf. morloti* - MYCZYŃSKI, p. 163, pl. 6, fig. 6
 2004 *Ptychoceras morloti* - PATRULIUS & AVRAM, p. 332

***Euptychoceras natrice* (ANDERSON, 1938)**

- *1938 *Ptychoceras natrice* - ANDERSON, p. 218, pl. 61, fig. 2

***Euptychoceras subundulatum* (D'ORBIGNY, 1850)**

- *1850 *Hamulina subundulata* - D'ORBIGNY, p. 102, n° 647'
 1852 *Hamites subundulata* - GIEBEL, p. 314

- 1852 *Hamulina subundulata* - D'ORBIGNY, p. 223, pl. VI, fig. 1, 2, 3
 ?1858 *Hamulina subundulata* - PICTET & DE LORIOLE, p. 33, pl. VII, fig. 6, 7
 1861 *Hamulina subundulata* - PICTET & CAMPICHE, p. 104
 1900 *Hamulina subundulata* - PAQUIER, p. 513 (116)
 1907 *Ptychoceras Inostranzewi* - KARAKASCH, p. 155, pl. IV, fig. 1⁶
 1910b *Hamulina subundulata* - KILIAN, p. 253
 1921 *Hamulina subundulata* - GIGNOUX, p. 130
 1937 *Hamulina subundulata* - COTTREAU, p. 70, pl. LXXIX, fig. 14
 1952 «*Ptychoceras*» *Inostranzewi* (= *biassalense*) - BREISTROFFER, p. 52
 non1956 *Ptychoceras biassalense* - ANDJELKOVIĆ, p. 149, pl. V, fig. 2
 ?1960 *Ptychoceras inostranzewi* - DRUSHCHITS, p. 266, pl. XI, fig. 8
 1964 *Euptychoceras inostranzewi* - NIKOLOV, p. 127, pl. III, fig. 5
 1964 *Ptychoceras biassalense* - FÜLOP, pl. XXIX, fig. 2
 1967 *Euptychoceras inostranzewi* - DIMITROVA, p. 85, pl. XXXVIII, fig. 2 (=NIKOLOV, 1964, pl. III, fig. 5)
 1989 *Euptychoceras* cf. *inostranzewi* - AUTRAN, pl. 13, fig. 9
 1993 *Euptychoceras* cf. *inostranzewi* - AUTRAN, pl. 13, fig. 9 (=AUTRAN, 1989, pl. 13, fig. 9)
 2003 *Hamulina subundulata* - BUSNARDO et al., p. 84, pl. VI, fig. 10, 12, pl. XXVIII, fig. 5
 2006 *Ptychoceras biassalense* - FÖZY & JANSSEN, p. 50, fig. 2G (=FÜLOP, 1964, pl. XXIX, fig. 2)
 ?2006 *Anahamulina* cf. *subundulata* - FÖZY & JANSSEN, p. 50, fig. 4B

***Euptychoceras teschenense* (UHLIG, 1902)**

- *1902 *Ptychoceras Teschenense* Hohenegger m. sc. - UHLIG, p. 63, pl. VIII, fig. 3a, 3b, 3c
 1975 *Ptychoceras teschenense* - VAŠÍČEK, p. 99
 ?1993 *Euptychoceras* sp. cf. *E. teschenense* - AVRAM & GRĂDINARU, p. 672, pl. 3, fig. 9
 ?1995 *Euptychoceras* cf. *teschenense* - AVRAM, p. 118, pl. 5, fig. 1, 2
 1997 "*Ptychoceras*" *teschenense* - VAŠÍČEK, p. 234

***Janenschites* DURAND DELGA, 1954⁷ (1954, p. 137)**

TYPE SPECIES: *Bochianites Janenschi* ZWIERZYCKI, 1914, p. 81 (OD).

INCLUDED (SUB)SPECIES:

janenschi - ZWIERZYCKI, 1914, p. 81 (LT requested)

***Janenschites janenschi* (ZWIERZYCKI, 1914)**

- *1914 *Bochianites Janenschi* - ZWIERZYCKI, p. 81, pl. X, fig. 6, text-fig. 39
 1954 *Janenschites janenschi* - DURAND DELGA, p. 137, text-fig. C (=ZWIERZYCKI, 1914, text-fig. 39)
 1957 *Janenschites janenschi* - ARKELL et al., p. L207
 1962a "*Janenschites*" *janenschi* - WIEDMANN, p. 85, text-fig. 30b (=ZWIERZYCKI, 1914, text-fig. 39)
 1962b "*Janenschites*" *janenschi* - WIEDMANN, p. 40, text-fig. 21b (=ZWIERZYCKI, 1914, text-fig. 39)
 1996 *Janenschites janenschi* - WRIGHT et al., p. 210

⁶ *Ptychoceras biassalense* in legend plate IV, fig. 1.

⁷ Tentatively included in the Bochianitidae although there are arguments to include *Janenschites* in the Ptychoceratidae. See VERMEULEN, 2006 page 141.

***Kabylites* DURAND DELGA, 1954⁸**
(1954, p. 136)

TYPE SPECIES: *Bochianites superstes* PERVINQUIÈRE, 1910, p. 22, pl. I, fig. 29, 30a, 30b, 30c, 30d, text-fig. 7 (OD)

INCLUDED (SUB)SPECIES:

- | | |
|--------------------|---|
| <i>superstes</i> - | PERVINQUIÈRE, 1910, p. 22, pl. I, fig. 29,
30a, 30b, 30c, 30d, text-fig. 7 (HT by MT) |
| <i>undulatus</i> - | VON KOENEN, 1902, p. 398, pl. LIII, fig. 11a,
11b, 13, 14a, 14b, 14c (LT designated herein) ⁹ |

***Kabylites superstes* (PERVINQUIÈRE, 1910)**

- | | |
|-------|--|
| *1910 | <i>Bochianites superstes</i> - PERVINQUIÈRE, p. 22, pl. I, fig. 29, 30a, 30b, 30c, 30d, text-fig. 7 |
| 1954 | <i>Kabylites superstes</i> - DURAND DELGA, p. 134, text-fig. B |
| 1957 | <i>Kabylites superstes</i> - ARKELL et al., L207, fig. 236: 4 (=DURAND DELGA, 1954, text-fig. B) |
| 1962a | " <i>Kabylites</i> " <i>superstes</i> - WIEDMANN, p. 85, text-fig. 30c |
| 1962b | " <i>Kabylites</i> " <i>superstes</i> - WIEDMANN, p. 40, text-fig. 21c (=WIEDMANN, 1962a, text-fig. 30c) |
| 1996 | <i>Kabylites superstes</i> - WRIGHT et al., p. 210, fig. 162: 3c (=DURAND DELGA, 1954, text-fig. B) |

***Kabylites undulatus* (VON KOENEN, 1902)**

- | | |
|-------|---|
| *1902 | <i>Bochianites undulatus</i> - VON KOENEN, p. 398, pl. LIII, fig. 11a, 11b, 13, 14a, 14b, 14c |
| 1919 | " <i>Bochianites</i> " <i>undulatus</i> - SPATH, p. 30 |
| 1930b | <i>Bochianites undulatus</i> - SPATH, p. 155 |
| 1954 | <i>Kabylites undulatus</i> - DURAND DELGA, p. 136 |
| 1968 | <i>Bochianites undulatus</i> - WETZEL, p. 236, text-fig. 1, 2, 3 |
| 2002 | (?) <i>Bochianites undulatus</i> - RICHTER, pl. 25, fig. 4, 5, 6 |

⁸ Tentatively included in the Bochianitidae although there are arguments to include *Kabylites* in the Ptychoceratidae. See VERMEULEN, 2006 page 141.

⁹ The biggest specimen that was described and depicted by VON KOENEN.

Family PROTANCYLOCERATIDAE BREISTROFFER, 1947
(=LEPTOCERATINAE MANOLOV, 1962)

Protancyloceras SPATH, 1924
(1924a, p. 86)

TYPE SPECIES: *Ancyloceras Guembeli* OPPEL, 1865, p. 547 (in VON ZITTEL, 1870, pl. 36 (XII), fig. 1a, 1b, 1c) (OD).

INCLUDED (SUB)SPECIES:

<i>acutituberculatum</i> -	ARNOULD-SAGET, 1953, p. 117, pl. XI, fig. 9a, 9b, 9c, 9d, 9e, text-fig. 59 (HT by OD)
<i>alamense</i> -	CANTÚ CHAPA, 1963, p. 28 (HT by OD IMLAY, 1939, pl. 11, fig. 1, 2)
<i>anahuacense</i> -	CANTÚ CHAPA, 1963, p. 28, pl. I, fig. 2, 2a (HT by OD)
<i>?barrancense</i> -	CANTÚ CHAPA, 1963, p. 27, pl. I, fig. 5 (HT by OD)
<i>bicostatum</i> -	ARNOULD-SAGET, 1953, p. 119, pl. XI, fig. 11a, 11b, 11c, 11d, 11e, 11f, text-fig. 61 (HT by OD)
<i>catalinense</i> -	IMLAY, 1942, p. 1457, pl. 10, fig. 4 (HT by OD)
<i>cristatum</i> -	ARNOULD-SAGET, 1953, p. 115, pl. XI, fig. 7a, 7b, 7c, 7d, 7e (HT by OD)
<i>?deagostinii</i> -	FERUGLIO, 1937, p. 74, pl. IX, fig. 3, 4 (HT by MT)
<i>depressum</i> -	ARNOULD-SAGET, 1953, p. 116, pl. XI, fig. 8a, 8b, 8c, 8d, 8e, text-fig. 58 (HT by OD)
<i>?evolutum</i> -	VÁŠÍČEK & HOEDEMAEKER, 2003, p. 16, pl. 2, fig. 7 (HT by OD)
<i>eximium</i> -	ARNOULD-SAGET, 1953, p. 118, pl. XI, fig. 10a, 10b, 10c, 10d, 10e, text-fig. 60 (HT by OD)
<i>gracile</i> -	OPPEL, 1865, p. 547 (LT VON ZITTEL, 1870, pl. 36(XII), fig. 3a, 3b, 3c, 3d designated by VÁŠÍČEK & HOEDEMAEKER, 2003a, p. 15)
<i>guembeli</i> -	OPPEL, 1865, p. 547 (LT VON ZITTEL, 1870, pl. 36 (XII), fig. 1a, 1b, 1c designated by SPATH, 1924a, p. 86)
<i>hondense</i> -	IMLAY, 1942, p. 1456, pl. 10, fig. 8, 9, 11 (HT by OD)
<i>kurdistanense</i> -	SPATH, 1950, p. 121, pl. 9, fig. 1a, 1b (HT by OD)
<i>lissoni</i> -	RIVERA, 1951, p. 44, pl. V, fig. 2 (HT by OD)
<i>obscurocostatum</i> -	VÁŠÍČEK & HOEDEMAEKER, 2003a, p. 15, pl. 1, fig. 6, 7, 8, text-fig. 2 bottom (HT by OD)
<i>passendorferi</i> -	WIERZBOWSKI, 1990, p. 481, pl. 1, fig. 10a, 10b, 10c (HT by OD)
<i>punicum</i> -	ARNOULD-SAGET, 1953, p. 114, pl. XI, fig. 1a, 1b, 1c, 1d, 1e, text-fig. 56 (HT by OD)
<i>ramirense</i> -	CANTÚ CHAPA, 1963, p. 28 (HT by OD BURCKHARDT, 1921, pl. XXI, fig. 3)
<i>steinmanni</i> -	RIVERA, 1951, p. 45, pl. II, fig. 7 (HT by OD)
<i>xelhuae</i> -	FELIX, 1891, p. 189, pl. XXVIII, fig. 19 (LT designated herein) ¹⁰

¹⁰ The biggest and depicted specimen is designated as lectotype.

***Protancyloceras alamense* CANTÚ CHAPA, 1963**

- 1939 "Aegocrioceras" sp. - IMLAY, p. 57, pl. 11, fig. 1, 2
*1963 *Protancyloceras alamense* - CANTÚ CHAPA, p. 28
1980 *Protancyloceras alamense* - IMLAY, p. 36

***Protancyloceras anahuacense* CANTÚ CHAPA, 1963**

- *1963 *Protancyloceras anahuacensis* - CANTÚ CHAPA, p. 28, pl. I, fig. 2, 2a, 3, 4
1980 *Protancyloceras anahuacense* - IMLAY, p. 36

***Protancyloceras? barrancense* CANTÚ CHAPA, 1963**

- *1963 *Protancyloceras barrancensis* - CANTÚ CHAPA, p. 27, pl. I, fig. 5
1980 *Protancyloceras barrancense* - IMLAY, p. 36

***Protancyloceras bicostatum* ARNOULD-SAGET, 1953**

- *1953 *Protancyloceras bicostatum* - ARNOULD-SAGET, p. 119, pl. XI, fig. 11a, 11b, 11c, 11d, 11e, 11f, text-fig. 61
1982 *Protancyloceras bicostatum* - HOEDEMAEKER, p. 78
1997 *Protancyloceras catalinense* - FARAONI et al., p. 67, pl. 4, fig. 2, 3, 4
2003a *Protancyloceras bicostatum* - VAŠÍČEK & HOEDEMAEKER, p. 14, pl. 1, fig. 3

***Protancyloceras catalinense* (IMLAY, 1942)**

- *1942 *Leptoceras? catalinense* - IMLAY, p. 1457, pl. 40, fig. 1, 2, 3, 4
?1950 *Protancyloceras* sp. - SPATH, p. 123, pl. 6, fig. 13, 14
1968 *Protancyloceras catalinense* - JUDOLEY & FURRAZOLA-BERMÚDEZ, p. 52, pl. I, fig. 2
1971 *Protancyloceras catalinense* - ENAY et al., p. 413
1980 *Protancyloceras* cf. *P. catalinense* - IMLAY, p. 36

***Protancyloceras cristatum* ARNOULD-SAGET, 1953**

- *1953 *Protancyloceras cristatum* - ARNOULD-SAGET, p. 115, pl. XI, fig. 6a, 6b, 6c, 6d, 7a, 7b, 7c, 7d, 7e, text-fig. 57
1985 *Protancyloceras cristatum* - COMPANY & TAVERA, p. 159, pl. 1, fig. 9

***Protancyloceras? deagostinii* (FERUGLIO, 1937)**

- *1937 *Crioceras De-Agostinii* - FERUGLIO, p. 74, pl. IX, fig. 3, 4
1967a *Protancyloceras (?) deagostinii* - LEANZA, p. 158

***Protancyloceras? evolutum* VAŠÍČEK & HOEDEMAEKER, 2003**

- *2003a *Protancyloceras? evolutum* - VAŠÍČEK & HOEDEMAEKER, p. 16, pl. 2, fig. 7

***Protancyloceras gracile* (OPPEL, 1865)**

- *1865 *Ancyloceras gracile* - OPPEL, p. 547, nr. 29
1870 *Ancyloceras gracile* - VON ZITTEL, p. 115, pl. 36(XII), fig. 3a, 3b, 3c, 3d
1893 *Ancyloceras gracile* - RETOWSKI, p. 273(68), pl. XIV(VI), fig. 5
?1939 *Leptoceras* sp. indet. - MAZENOT, p. 244, pl. XL, fig. 3
1950 *Protancyloceras* sp. aff. *gracile* - SPATH, p. 122, pl. 8, fig. 4a, 4b, pl. 9, fig. 6, 8
1962 *Protancyloceras gracile* - BARTHEL, p. 8, pl. I, fig. 1, 2, 3, 4, 5

- 1971 *Protancyloceras gracile* - ENAY et al., p. 416
 1986 *Ancyloceras* cf. *gracile* - KUTEK & WIERZBOWSKI, table 2
 1989 *Protancyloceras* sp. aff. *gracile* - MYCZYŃSKI, p. 109, pl. IV, fig. 9, pl. XII, fig. 3d
 1990 *Protancyloceras gracile* - WIERZBOWSKI, p. 482, pl. 2, fig. 11a, 11b, 11c, 11d, 11e, 11f, 12, 13, 14a, 14b)
 1990 *Protancyloceras* cf. *gracile* - WIERZBOWSKI, pl. 2, fig. 15
 1990 *Protancyloceras* sp. aff. *Protancyloceras gracile* - MYCZYŃSKI & PSZCZÓLKOWSKI, pl. I, fig. 2 (=MYCZYŃSKI, 1989, pl. IV, fig. 9)
 2003a *Protancyloceras* sp. aff. *P. gracile* - VAŠÍČEK & HOEDEMAEKER, p. 14, pl. 1, fig. 4, 5

***Protancyloceras guembeli* (OPPEL, 1865)**

- *1865 *Ancyloceras Guembeli* - OPPEL, p. 547, nr. 28
 1870 *Ancyloceras Guembeli* - VON ZITTEL, p. 115, pl. 36 (XII), fig. 1a, 1b, 1c, 2
 1958 *Protancyloceras gümbeli* - DRUSHCHITS & ERISTAVI, p. 106, pl. XLIX, fig. 6a, 6b (=VON ZITTEL, 1870, pl. 36(XII), fig. 1b, 1a)
 1966 *Protancyloceras guembeli* - THIEULOY, p. 287, text-fig. 2
 1986 *Protancyloceras guembeli* - KUTEK & WIERZBOWSKI, table 2
 1990 *Protancyloceras guembeli* - WIERZBOWSKI, p. 479, pl. 1, fig. 1a, 1b, 2a, 2b, 3a, 3b, 4, 5a, 5b, 6
 1990 *Protancyloceras* aff. *guembeli* - WIERZBOWSKI, p. 481, pl. 1, fig. 7a, 7b, 7c, 7d, 8a, 8b, 9a, 9b
 1995 *Protancyloceras guembeli* - SCHWEIGERT & SCHERZINGER, p. 310, fig. 2a
 1999 *Protancyloceras* aff. *guembeli* - SARTI, p. 51, text-fig. 2a, 2b

***Protancyloceras hondense* (IMLAY, 1942)**

- ?1937 *Ancyloceras* cf. *annulatus* - KELLUM, p. 88, pl. IX, fig. 1, 2, 3
 *1942 *Leptoceras?* *hondense* - IMLAY, p. 1456, pl. 10, fig. 5, 6, 7, 8, 9, 11, 12
 1966 *Protancyloceras hondense* - THIEULOY, p. 287, text-fig. 2
 1968 *Protancyloceras hondense* - JUDOLEY & FURRAZOLA-BERMÚDEZ, p. 53, pl. I, fig. 3
 1971 *Protancyloceras hondense* - ENAY et al., p. 414
 1977 *Protancyloceras hondense* - MYCZYŃSKI, p. 152, pl. 3, fig. 2, 3, 4, 5
 1980 *Protancyloceras* cf. *P. hondense* - IMLAY, p. 36
 1984 *Protancyloceras hondense* - CANTÚ CHAPA, p. 211, pl. 2, fig. 7
 1992 *Protancyloceras hondense* - HOWARTH, p. 617, pl. 2, fig. 2, 4, 7
 1994 *Protancyloceras hondense* - MYCZYŃSKI & PSZCZÓLKOWSKI, p. 13, pl. I, fig. 3
 1994 *Protancyloceras hondense* - MYCZYŃSKI, p. 291, pl. 2, fig. 12 (=MYCZYŃSKI & PSZCZÓLKOWSKI, 1994, pl. I, fig. 3)

***Protancyloceras kurdistanense* SPATH, 1950**

- *1950 *Protancyloceras kurdistanense* - SPATH, p. 121, pl. 9, fig. 1a, 1b, 2a, 2b, 3a, 3b, 4a, 4b, 4c, 5
 1957 *Protancyloceras kurdistanense* - ARKELL et al., p. L207, fig. 236: 2a, 2b, 2c (=SPATH, 1950, pl. 9, fig. 5, 1a, 1b)
 1966 *Protancyloceras kurdistanense* - THIEULOY, p. 287, text-fig. 2
 1977 *Protancyloceras* cf. *kurdistanense* - MYCZYŃSKI, p. 152, pl. 4, fig. 4
 1982 *Protancyloceras* cf. *kurdistanense* - HOEDEMAEKER, p. 78
 1992 *Protancyloceras* cf. *kurdistanense* - HOWARTH, pl. 2, fig. 1
 1996 *Protancyloceras kurdistanense* - WRIGHT et al., p. 208, fig. 160: 2a, 2b, 2c (=SPATH, 1950, pl. 9, fig. 5, 1a, 1b)
 ?2000 *Protancyloceras* cf. *kurdistanense* - VAŠÍČEK, REHÁKOVA & FAUPL, pl. 3, fig. 4

***Protancyloceras lissoni* (RIVERA, 1951)**

- 1907 *Ancyloceras Sabaudianus* - LISSÓN, p. 58, pl. XI, fig. 1a, 1b
*1951 *Leptoceras lissoni* RIVERA, p. 44, pl. IV, fig. 6, pl. V, fig. 1, pl. V, fig. 2 (=LISSÓN, 1907, pl. XI, fig. 1a)
1979a *Protancyloceras* aff. *lissoni* - THIEULOY, p. 42

***Protancyloceras obscurocostatum* VAŠÍČEK & HOEDEMAEKER, 2003**

- *2003a *Protancyloceras obscurocostatum* - VAŠÍČEK & HOEDEMAEKER, p. 15, pl. 1, fig. 6, 7, 8, text-fig. 2 bottom

***Protancyloceras passendorferi* WIERZBOWSKI, 1990**

- *1990 *Protancyloceras passendorferi* - WIERZBOWSKI, p. 481, pl. 1, fig. 10a, 10b, 10c, pl. 2, fig. 1a, 1b, 2a, 2b, 3, 4a, 4b, 5a, 5b, 6, 7, 8a, 8b, 9, 10

***Protancyloceras punicum* ARNOULD-SAGET, 1953**

- 1939 *Leptoceras* sp. ind. n° 3 - MAZENOT, p. 245, pl. XL, fig. 4
*1953 *Protancyloceras punicum* - ARNOULD-SAGET, p. 114, pl. XI, fig. 1a, 1b, 1c, 1d, 1e, 2, 3, text-fig. 56
1953 *Protancyloceras* cf. *punicum* - ARNOULD-SAGET, p. 115, pl. XI, fig. 5a, 5b, 5c, 5d, 5e
1953 *Protancyloceras depressum* - ARNOULD-SAGET, p. 116, pl. XI, fig. 4a, 4b, 4c, 8a, 8b, 8c, 8d, 8e, text-fig. 58
1953 *Protancyloceras acutituberculatum* - ARNOULD-SAGET, p. 117, pl. XI, fig. 9a, 9b, 9c, 9d, 9e, text-fig. 59
1953 *Protancyloceras eximium* - ARNOULD-SAGET, p. 118, pl. XI, fig. 10a, 10b, 10c, 10d, 10e, text-fig. 60
1979a *Protancyloceras* cf. *punicum* - THIEULOY, p. 44
1982 *Protancyloceras punicum* - HOEDEMAEKER, p. 78
1982 *Protancyloceras* cf. *depressum* - HOEDEMAEKER, p. 78
1985 *Protancyloceras punicum* - COMPANY & TAVERA, p. 158, pl. 1, fig. 1, 2, 3, 4, 5, 6, 7, 8
1987 *Protancyloceras punicum* - ARNAUD-VANNEAU et al., p. 113
1987 *Protancyloceras punicum* - COMPANY, p. 89, pl. 1, fig. 1, 2 (=COMPANY & TAVERA, 1985, pl. 1, fig. 1, 5), fig. 3, fig. 4 (=COMPANY & TAVERA, 1985, pl. 1, fig. 6), fig. 5, 6
1995 *Protancyloceras punicum* - BULOT, p. 58
1997 *Protancyloceras punicum* - FARAONI et al., p. 67, pl. 3, fig. 14
1999 *Protancyloceras* cf. *punicum* - VAŠÍČEK & MICHALÍK, p. 248, fig. 4: 6, 7
2003a *Protancyloceras punicum* - VAŠÍČEK & HOEDEMAEKER, p. 13, pl. 1, fig. 1, 2, text-fig. 2 top
2004 *Protancyloceras* cf. *punicum* - HOUŠA & VAŠÍČEK, p. 27, pl. 6, fig. 9, 10 (=VAŠÍČEK & MICHALÍK, 1999, fig. 4: 6, 7)

***Protancyloceras ramirense* CANTÚ CHAPA, 1963**

- 1919 *Crioceras* sp. ind. - BURCKHARDT, p. 58
1921 *Crioceras* sp. ind. - BURCKHARDT, pl. XXI, fig. 3
*1963 *Protancyloceras ramirense* - CANTÚ CHAPA, p. 28
1980 *Protancyloceras ramirense* - IMLAY, p. 36

***Protancyloceras steinmanni* (RIVERA, 1951)**

- *1951 *Leptoceras steinmanni* - RIVERA, p. 45, pl. II, fig. 7, 8
1988 *Protancyloceras* cf. *steinmanni* - WIEDMANN, text-fig. 8C

***Protancyloceras xelhuae* (FELIX, 1891)**

- *1891 *Ancyloceras Xelhuae* FELIX, p. 189, pl. XXVIII, fig. 19
1980 *Protancyloceras xelhuae* - CANTÚ CHAPA, p. 179

***Vinalesites* THIEULOY, 1966
(1966, p. 287)**

=*Pseudoanahamulina* JUDOLEY & FURRAZOLA-BERMÚDEZ, 1968, p. 54 (objective synonym).

TYPE SPECIES: *Hamulina? rosariensis* IMLAY, 1942, p. 1457, pl. 9, fig. 9 (OD).

INCLUDED (SUB)SPECIES:

rosariensis - IMLAY, 1942, p. 1457, pl. 9, fig. 9 (HT by OD)

***Vinalesites rosariensis* (IMLAY, 1942)**

- *1942 *Hamulina? rosariensis* - IMLAY, p. 1457, pl. 9, fig. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, pl. 12, fig. 1
1966 *Vinalesites rosariensis* - THIEULOY, p. 287, text-fig. 2
1968 *Pseudoanahamulina rosariensis* - JUDOLEY & FURRAZOLA-BERMÚDEZ, p. 54, pl. I, fig. 4, pl. II, fig. 1, 2, pl. LXXIX, fig. 2
1973 *Vinalesites rosariensis* - WIEDMANN, p. 310, text-fig. 1
1977 *Vinalesites rosariensis* - MYCZYŃSKI, p. 153, pl. 3, fig. 1
1989 *Vinalesites rosariensis* - MYCZYŃSKI, p. 58, pl. XII, fig. 7a
1994 *Vinalesites rosariensis* - MYCZYŃSKI & PSZCZÓŁKOWSKI, pl. I, fig. 1b
1994 *Vinalesites rosariensis* - MYCZYŃSKI, p. 291, pl. 1, fig. 1a (=MYCZYŃSKI & PSZCZÓŁKOWSKI, 1994, pl. I, fig. 1b)
1996 *Vinalesites rosariensis* - WRIGHT et al., p. 208, fig. 161: 2a, 2b (=WIEDMANN, 1973, text-fig. 1)

***Cochlocrioceras* SPATH, 1950
(1950, p. 123)**

TYPE SPECIES: *Cochlocrioceras turriculatum* SPATH, 1950, p. 124, pl. 8, fig. 8a, 8b (OD).

INCLUDED (SUB)SPECIES:

turriculatum - SPATH, 1950, p. 124, pl. 8, fig. 8a, 8b (HT by OD)

***Cochlocrioceras turriculatum* SPATH, 1950**

- *1950 *Cochlocrioceras turriculatum* - SPATH, p. 124, pl. 6, fig. 11, pl. 8, fig. 4a, 4b, 8a, 8b, 9a, 9b
1957 *Cochlocrioceras turriculatum* - ARKELL et al., p. L207
1973 *Cochlocrioceras turriculatum* - WIEDMANN, p. 310
1992 *Cochlocrioceras turriculatum* - HOWARTH, p. 605, pl. 2, fig. 5, 6 (=SPATH, 1950, pl. 8, fig. 8a, 8b)
1996 *Cochlocrioceras turriculatum* - WRIGHT et al., p. 208, fig. 161: 1a, 1b, 1c (=SPATH, 1950, pl. 8, fig. 8a, 8b, 9b)

***Leptoceras* UHLIG, 1883**
(1883, p. 136 (260))

=*Protoleptoceras* NIKOLOV, 1966, p. 839. TYPE SPECIES: *Protoleptoceras jelevi jelevi* NIKOLOV, 1966, p. 840, text-fig. 1.

TYPE SPECIES: *Ancyloceras Brunneri* OOSTER, 1860, p. 31, pl. 37, fig. 10, 11, 12, 13; SD ROMAN, 1938, p. 354.

INCLUDED (SUB)SPECIES:

<i>brunneri</i> -	OOSTER, 1860, p. 31, pl. 37, fig. 10, 11, 12, 13 (HT by MT)
<i>hubachi</i> -	ROYO Y GOMEZ, 1945a, p. 224, pl. XXX, fig. 2 (LT requested)
<i>jelevi jelevi</i> -	NIKOLOV, 1966, p. 840, text-fig. 1 (HT by OD)
<i>jelevi mazenoti</i> -	NIKOLOV, 1967, p. 39 (HT MAZENOT, 1939, pl. XL, fig. 1a, 1b, 1c, 1d, 1e)
<i>jelevi sapunovi</i> -	NIKOLOV, 1967, p. 39, pl. III, fig. 7a, 7b (HT by OD)
<i>studerii</i> -	OOSTER, 1860, p. 26, pl. 36, fig. 8 (LT designated by THIEULOY, 1966, p. 291)
<i>ubalaense</i> -	HAAS, 1960, p. 4, fig. 6 (HT by OD)

***Leptoceras brunneri* (OOSTER, 1860)**

- *1860 *Ancyloceras Brunneri* - OOSTER, p. 31, pl. 37, fig. 10, 11, 12, 13
- non1880 *Ancyloceras Brunneri* - COQUAND, p. 41
- non1883 *Crioceras (Leptoceras) cf. Brunneri* - UHLIG, p. 147 (271) (= *Leptoceratoides brunneriformis*)
- non1910b *Crioceras (Leptoceras) Brunneri* - KILIAN, p. 246
- 1911 *Ancyloceras Brunneri* - BECK, p. 5
- 1938 *Leptoceras Brunneri* - ROMAN, p. 354
- 1947a *Leptoceras Brunneri* - BREISTROFFER, p. 3
- 1958 *Leptoceras brunneri* - DRUSHCHITS & ERISTAVI, p. 105
- 1962a *Leptoceras brunneri* - MANOLOV, p. 532
- 1966 *Leptoceras brunneri* - THIEULOY, p. 290, pl. 1, fig. 1a, 1b (=OOSTER, 1860, pl. 37, fig. 10, 11, 12, 13), pl. 2, fig. 1
- non1967 *Leptoceras brunneri* - BACCCELLE & GARAVELLO, p. 141, pl. III, fig. 9
- 1973 *Leptoceras brunneri* - WIEDMANN, p. 312
- non1976a *Leptoceras* sp. aff. *brunneri* - AVRAM, p. 32 (= *Leptoceratoides brunneriformis*)
- 1987 *Leptoceras brunneri* - IMMEL, p. 115, pl. 11, fig. 6
- 1987 *Leptoceras brunneri* - AVRAM et al., p. 29, pl. 1, fig. 4
- 1990 *Leptoceras brunneri* - AVRAM, p. 44, pl. I, fig. 3, 4a, 4b
- 1996 *Leptoceras brunneri* - WRIGHT et al., p. 208, fig. 161: 4 (=THIEULOY, 1966, pl. 1, fig. 1b)
- 2003a *Leptoceras brunneri* - VAŠÍČEK & HOEDEMAEKER, p. 18, pl. 2, fig. 6

***Leptoceras hubachi* (ROYO Y GOMEZ, 1945)**

- *1945a *Karsteniceras? hubachi* - ROYO Y GOMEZ, p. 224, pl. XXX, fig. 2
- ?1958 *Leptoceras hubachi* - BÜRL, p. 132, pl. IV, fig. 7 (= *Leptoceras ubalaense*)
- ?1960b *Leptoceras hubachi* - BÜRL, p. 190, pl. I, fig. 1, 3, fig. 4 (=BÜRL, 1958, pl. IV, fig. 7)
- 1960 *Leptoceras? hubachi* - HAAS, p. 2, fig. 3

- *1860 *Ancyloceras Studeri* - OOSTER, p. 26, pl. 36, fig. 7, 8, 9, 10, 11, 12, 13, 14, 15
 1883 *Crioceras (Leptoceras) Studeri* - UHLIG, p. 136(260)
 1894 *Leptoceras Studeri* - SAYN, p. 134 (94)
 non1898 *Leptoceras Studeri* - SIMIONESCU, p. 147(91), pl. IV, fig. 6 (= *Leptoceratoides svinitisensis*)
 1902 *Crioceras Studeri* - SARASIN & SCHÖNDELMAYER, p. 103
 1910b *Crioceras Studeri* - KILIAN, p. 272
 1911 *Ancyloceras Studeri* - BECK, p. 5
 1939 *Leptoceras* sp. ind. Échantillon n° 1 - MAZENOT, p. 245, pl. XL, fig. 2
 1955 *Aspinoceras ? (Acrioceras) studeri* - SARKAR, p. 129
 1957 *Leptoceras studeri* - SAPUNOV, p. 160, pl. III, fig. 4, 5, 6, 8, 9
 1960 *Leptoceras studeri* - NIKOLOV, p. 192, pl. XXVI, fig. 5, 6, pl. XXVII, fig. 2, 3, 4
 1966 *Leptoceras studeri* - THIEULOY, p. 291, pl. I, fig. 2a, 2b (=OOSTER, 1960, pl. 36, fig. 8), fig. 3a, 3b, 4, 5, 6, pl. II, fig. 2, 3, 4, 5, 6, 7, 8a, 8b
 1966 *Protoleptoceras jelevi* - NIKOLOV, p. 840, text-fig. 1
 1966 *Leptoceras studeri* - WIEDMANN, text-fig. 27a
 1967 *Protoleptoceras jelevi jelevi* - NIKOLOV, p. 38, pl. I, fig. 1 (=NIKOLOV, 1966a, text-fig. 1), fig. 2, 3, 4, 5, 6, 7, 8, fig. 9 (=NIKOLOV, 1960, pl. XXVII, fig. 4), fig. 10 (=NIKOLOV, 1960, pl. XXVII, fig. 3), fig. 11, 12, pl. II, fig. 2 (=MAZENOT, 1939, pl. XL, fig. 2), fig. 3, 4, 5, 9, 11, 12, pl. III, fig. 1a, 3, 5, 9, 10, pl. IV, fig. 1, fig. 2 (=NIKOLOV, 1960, pl. XXVI, fig. 6), fig. 3, 4, 5, 6
 1967 *Protoleptoceras jelevi mazenoti* - NIKOLOV, p. 39, pl. II, fig. 6, 7, 8, 10 non pl. II, fig. 1a, 1b, 1c, 1d, 1e (=MAZENOT, 1939, pl. XL, fig. 1a, 1b, 1c, 1d, 1e) (= *Protancyloceras* sp.)
 1967 *Protoleptoceras jelevi sapunovi* - NIKOLOV, p. 39, pl. III, fig. 1b, 1c, 1d, 2, 4, 6, 7a, 7b, 8, 11, 12
 1967 *Protoleptoceras jelevi jelevi* - DIMITROVA, p. 34, pl. XII, fig. 2 (=NIKOLOV, 1966, text-fig. 1), fig. 3 (=NIKOLOV, 1967, pl. I, fig. 10)
 1967 *Protoleptoceras jelevi mazenoti* - DIMITROVA, p. 35, pl. XII, fig. 4 (=NIKOLOV, 1967, pl. II, fig. 6)
 1967 *Protoleptoceras jelevi sapunovi* - DIMITROVA, p. 35, pl. XII, fig. 5 (=NIKOLOV, 1967, pl. III, fig. 2)
 1968 *Leptoceras studeri* - WIEDMANN, fig. 9a, 9b, 9c
 1969 *Leptoceras studeri* - WIEDMANN, pl. 3, fig. 1, 2, text-fig. 15 (=WIEDMANN, 1966, text-fig. 27)
 1973 *Leptoceras studeri* - WIEDMANN, p. 312
 1975 *Leptoceras studeri* - THIEULOY, pl. 10-15, fig. 4 (=THIEULOY, 1966, pl. I, fig. 4)
 1977 *Leptoceras* cf. *studeri* - MYCZYŃSKI, p. 153, pl. 4, fig. 2
 1977 ?*Leptoceras (Protoleptoceras)* cf. *jelevi* - MYCZYŃSKI, p. 153, pl. 4, fig. 6
 1982 *Leptoceras* cf. *L. jelevi* sive *L. brunneri* - HOEDEMAEKER, p. 77
 1982 *Leptoceras sapunovi* - HOEDEMAEKER, p. 77
 1982 *Leptoceras studeri* - HOEDEMAEKER, p. 77
 1982 *Leptoceras studeri* - COMPANY & TAVERA, p. 655, pl. 1, fig. 1
 1985 *Leptoceras studeri* - COMPANY & TAVERA, p. 160, pl. 1, fig. 10, 11, 12, 13, 14, 15, 16, 17a, 17b
 1986 *Leptoceras studeri* - MYCZYŃSKI & TRIFF, p. 122, pl. I, fig. 5, 6
 1987 *Leptoceras studeri* - COMPANY, p. 91, pl. 1, fig. 7, 8, 9, 10 (=COMPANY & TAVERA, 1985, pl. 1, fig. 17b, 17a, 14, 12, 15)
 1987 *Leptoceras studeri* - IMMEL, p. 115, pl. 11, fig. 5
 1990 *Leptoceras* aff. *studeri* - AVRAM, p. 44, pl. I, fig. 6
 1990 *Leptoceras sapunovi* - AVRAM, p. 45, pl. I, fig. 5
 1995 *Leptoceras studeri* - TCHOUMATCHENKO et al., pl. I, fig. 1, 2
 2000 *Leptoceras studeri* - VAŠIČEK, REHÁKOVA & FAUPL, pl. 4, fig. 4
 2003a *Leptoceras studeri* - VAŠIČEK & HOEDEMAEKER, p. 16, pl. 2, fig. 1, 2, 3, 4, text-fig. 2 top
 2004 *Leptoceras studeri* - ETTACHFINI, p. 169, pl. 3, fig. 6a, 6b

***Leptoceras ubalaense* HAAS, 1960**

- ?1958 *Leptoceras hubachi* - BÜRGL, p. 132, pl. IV, fig. 7
?1960b *Leptoceras hubachi* - BÜRGL, p. 190, pl. I, fig. 4 (=BÜRGL, 1958, pl. IV, fig. 7)
*1960 *Leptoceras ubalaense* - HAAS, p. 4, fig. 6

***Parapedioceras* COLLIGNON, 1962
(1962a, p. 21)**

TYPE SPECIES: *Parapedioceras colcanapi* COLLIGNON, 1962a, p. 21, pl. CLXXXI, fig. 823 (OD).
INCLUDED (SUB)SPECIES:

colcanapi - COLLIGNON, 1962a, p. 21, pl. CLXXXI, fig. 823 (HT by OD)

***Parapedioceras colcanapi* COLLIGNON, 1962**

- *1962a *Parapedioceras colcanapi* - COLLIGNON, p. 21, pl. CLXXXI, fig. 823
1996 *Parapedioceras colcanapi* - WRIGHT et al., p. 208, fig. 160: 1a, 1b (=COLLIGNON, 1962a, pl. CLXXXI, fig. 823)

***Juddiceras* SPATH, 1924
(1924a, p. 84)**

TYPE SPECIES: *Crioceras curvicosta* VON KOENEN, 1902, p. 326, pl. L, fig. 1 (OD).
INCLUDED (SUB)SPECIES:

curvicosta - VON KOENEN, 1902, pl. L, fig. 1 (LT designated by SPATH, 1924a, p. 84)

***Juddiceras curvicosta* (VON KOENEN, 1902)**

- *1902 *Crioceras curvicosta* - VON KOENEN, p. 326, pl. L, fig. 1, non pl. L, fig. 2, 3
(=?*Crioceratites* sp.)
non1925 *Crioceras curvicosta* - KAYSER, pl. 15, fig. 4 (=VON KOENEN, 1902, pl. L, fig. 2, 3)
non1957 *Juddiceras curvicostum* - ARKELL et al., p. 207, fig. 236: 3 (=VON KOENEN, 1902, pl. L, fig. 2, 3)
1973 *Juddiceras curvicosta* - WIEDMANN, p. 312
1979 *Juddiceras curvicosta* - IMMEL, pl. 1, fig. 1a, 1b, ?pl. 2, fig. 1a, 1b, text-fig. 1a, ?1b
1981 *Juddiceras curvicosta* - KEMPER et al., p. 261, pl. 34, fig. 1, 2
1987 *Juddiceras curvicosta* - KEMPER & WIEDENROTH, pl. 9, fig. 1, 2, 3, pl. 11, fig. 1a, 1b
1988 *Juddiceras curvicosta* - QUENSEL, p. 20, text-fig. II. 1/1
1992 *Juddiceras curvicosta* - KEMPER, pl. 33, fig. 1a, 1b (=KEMPER & WIEDENROTH, 1987, pl. 11, fig. 1a, 1b), fig. 2, 5 (=KEMPER & WIEDENROTH, 1987, pl. 9, fig. 1, 2)
1994 *Juddiceras* cf. *curvicosta* - VAŠÍČEK et al., p. 63, pl. 19, fig. 1
1995 *Juddiceras* cf. *curvicosta* - VAŠÍČEK, p. 177, pl. 2, fig. 3 (=VAŠÍČEK et al., 1994, pl. 19, fig. 1)
1996 *Juddiceras curvicostum* - WRIGHT et al., p. 208, fig. 160: 3a, 3b (=KEMPER et al., 1981, pl. 34, fig. 1, 2), non fig. 160: 3c, 3d (=VON KOENEN, 1902, pl. L, fig. 2, 3)

Aegocrioceras SPATH, 1924
(1924a, p. 76)

TYPE SPECIES: *Hamites capricornu* ROEMER, 1841, p. 92 (OD).

INCLUDED (SUB)SPECIES:

<i>bicarinatum</i> -	YOUNG & BIRD, 1828, p. 278, pl. VX, fig. 10 (HT lost) (neotype HOWARTH, 1962, p. 129, pl. 19, fig. 8a, 8b)
<i>bucklandi</i> -	BUCKLAND, 1836, p. 65, pl. 44, fig. 8, 8a (HT by MT) (nomen dubium)
<i>capitanei</i> -	SPATH, 1924a, p. 77 (nomen nudum)
<i>capricornu</i> -	ROEMER, 1841, p. 92 (syntypes lost) (neotype to designate)
<i>compressiforme</i> -	RAWSON, 1966, p. 105, pl. 10, fig. 2a, 2b, text-fig. 24c (HT by OD) (nomen nudum)
<i>compressum</i> -	RAWSON, 1975a, p. 144, pl. 5, fig. 2a, 2b (HT by OD)
<i>densiradiatum</i> -	RAWSON, 1970, p. 589, text-fig. 8 (HT by OD)
<i>insigne</i> -	PICTET & CAMPICHE, 1861, p. 43 (HT by OD PHILLIPS, 1829, pl. 1, fig. 20)
<i>?koeneni</i> -	SPATH, 1924a, p. 77 (HT by OD PHILLIPS, 1829, pl. 1, fig. 21 lost) (neotype RAWSON, 1970, text-fig. 6, 7)
<i>ligatum</i> -	SPATH, 1924a, p. 77 (nomen nudum)
<i>quadratum</i> -	CRICK, 1898, p. 74, 79, pl. 17, fig. 12, 13 (LT designated by RAWSON, 1970, p. 586)
<i>raricostatum</i> -	PHILLIPS, 1829, p. 123, pl. 1, fig. 23 (HT by MT lost) (neotype RAWSON, 1975a, p. 143, pl. 5, fig. 7a, 7b)
<i>?seeleyi</i> -	NEUMAYR & UHLIG, 1881, p. 185, pl. LI, fig. 2, pl. LII, fig. 2 (LT designated by SPATH, 1924a, p. 62)
<i>semicinctum</i> -	ROEMER, 1841, p. 92 (LT or neotype requested) ¹¹
<i>spathi</i> -	RAWSON, 1975a, p. 145, pl. 4, fig. 2a, 2b (HT by OD)
<i>speetonenense</i> -	RAWSON, 1966, p. 107, pl. 10, fig. 1a, 1b (HT by OD) (nomen nudum)
<i>subnodosum</i> -	ROEMER, 1841, p. 93, pl. XIII, fig. 10a, 10b (HT by MT) (nomen dubium)
<i>subseeleyi</i> -	SPATH, 1924a, p. 77 (HT by OD PHILLIPS, 1829, pl. 1, fig. 27)
<i>torulosum</i> -	VON KOENEN, 1902, p. 320, pl. XV, fig. 5a, 5b (LT designated by RAWSON, 1975a, p. 141)

Aegocrioceras bicarinatum (YOUNG & BIRD, 1828)

*1828	<i>Hamites bicarinatus</i> - YOUNG & BIRD, p. 278, pl. XV, fig. 10
1829	<i>Hamites alternatus</i> Mantell - PHILLIPS, p. 123, pl. 1, fig. 27, non fig. 26 (= <i>Toxoceratoides seminodosus</i>)
1892	<i>Crioceras capricornu</i> - PAVLOW, p. 154, pl. XVIII(XI), fig. 9
1902	<i>Crioceras capricornu</i> Pavlow non Roemer - VON KOENEN, p. 320
1906	<i>Crioceras Matheroni</i> - VON KOENEN in DANFORD, p. 113
?1924a	<i>Aegocrioceras intermedium</i> (Bean MS., non Phillips) - SPATH, p. 77
1924a	<i>Aegocrioceras subseeleyi</i> - SPATH, p. 77
1924a	<i>Aegocrioceras capricornu</i> - SPATH, p. 77

¹¹ See RAWSON, 1975b, page 142.

- ?1924a *Aegocrioceras* sp. nov.? aff. *intermedium* ("cf. *duvali*" von Koenen in Danford) - SPATH, p. 77
- 1957 *Aegocrioceras capricornu* - ARKELL et al., p. L208, fig. 237: 3a, 3b (=PAVLOW, 1892, pl. XVIII(XI), fig. 9)
- 1962 *Aegocrioceras bicarinatum* - HOWARTH, p. 129, pl. 19, fig. 8a, 8b
- 1966 *Aegocrioceras bicarinatum* - RAWSON, p. 95, pl. 1, fig. 2a, 2b (=HOWARTH, 1962, pl. 19, fig. 8a, 8b), pl. 2, fig. 1a, 1b, 4a, 4b, 5a, 5b, 5c, 6a, 6b, text-fig. 21b, 24f, 24i
- 1966 *Aegocrioceras subseeleyi* - RAWSON, p. 116
- 1969 *Aegocrioceras bicarinatum* - HILTERMANN & KEMPER, p. 23, pl. 2, fig. 1, 2
- 1970 *Aegocrioceras subseeleyi* - RAWSON, p. 587, text-fig. 3, 4, 5
- 1975a *Aegocrioceras bicarinatum* - RAWSON, p. 138, pl. 1, fig. 2a, 2b (=RAWSON, 1966, pl. 2, fig. 1a, 1b), pl. 2, fig. 1a, 1b, 1c (=RAWSON, 1970, text-fig. 3, 4, 5), text-fig. 1a (=RAWSON, 1966, text-fig. 21b)
- 1978 *Aegocrioceras subseeleyi* - PYRAH, p. 454
- 1978 *Hamites alternatus* - PYRAH, p. 456 (pars)
- 1996 *Aegocrioceras bicarinatum* - WRIGHT et al., p. 211, fig. 163: 1a, 1b (=PAVLOW, 1892, pl. XVIII(XI), fig. 9), 1c (=RAWSON, 1966, text-fig. 21b)

Aegocrioceras bucklandi (BUCKLAND, 1836)

- 1829 *Hamites intermedius*? - PHILLIPS, p. 264, pl. 1, fig. 22
- *1836 *Hamites Bucklandi* (Phillips) - BUCKLAND, p. 65, pl. 44, fig. 8, 8a (= PHILLIPS, 1829, pl. 1, fig. 22)
- 1849 *Hamites Bucklandi* - BROWN, p. 3, pl. II, fig. 2 (=BUCKLAND, 1836, pl. 44, fig. 8, 8a)
- ?1924a *Aegocrioceras bucklandi* - SPATH, p. 77
- ?1924a *Aegocrioceras bucklandi* var. (Bean MS.) (less compressed) - SPATH, p. 77
- 1966 *Aegocrioceras* sp. (*bucklandi* group) - RAWSON, p. 116, pl. 9, fig. 4a, 4b (=PHILLIPS, 1829, pl. 1, fig. 22)
- 1970 *Aegocrioceras bucklandi* - RAWSON, p. 590
- 1975a *Aegocrioceras bucklandi* - RAWSON, p. 150
- 1978 *Hamites intermedius* - PYRAH, p. 457 (=PHILLIPS, 1829, pl. 1, fig. 22)

Aegocrioceras capitanei SPATH, 1924

- *1924a *Aegocrioceras capitanei* (Bean MS.) - SPATH, p. 77
- 1966 *Aegocrioceras capitanea* - RAWSON, p. 115
- 1970 *Aegocrioceras capitanei* - RAWSON, p. 591
- 1971 *Aegocrioceras capitanei* - RAWSON, p. 70
- 1975a *Aegocrioceras capitanei* - RAWSON, p. 155

Aegocrioceras capricornu (ROEMER, 1841)

- *1841 *Hamites capricornu* - ROEMER, p. 92, pl. XIV, fig. 6a, 6b, 6c, 6d
- 1881 *Crioceras capricornu* - NEUMAYR & UHLIG, p. 194, pl. LIII, fig. 4, 6, 6a, 7, 7a, 8, 8a, 8b
- 1884 *Crioceras capricornu* - WEERTH, p. 23
- non1892 *Crioceras capricornu* - PAVLOW, p. 154, pl. XVIII(XI), fig. 9 (=Aegocrioceras bicarinatum)
- non1902 *Crioceras capricornu* Pavlow non Roemer - VON KOENEN, p. 320 (=PAVLOW, 1892, pl. XVIII(XI), fig. 9)
- non1924a *Aegocrioceras capricornu* - SPATH, p. 77 (=Aegocrioceras bicarinatum)
- 1942 *Crioceras (Aegocrioceras) capricornu* - DACQUÉ, pl. XII, fig. 4 (=NEUMAYR & UHLIG, 1881, pl. LIII, fig. 4)
- non1957 *Aegocrioceras capricornu* - ARKELL et al., p. L208, fig. 237: 3a, 3b (=PAVLOW, 1892, pl. XVIII(XI), fig. 9)

- 1966 *Aegocrioceras capricornu* - RAWSON, p. 103, pl. 9, fig. 6a, 6b (=NEUMAYR & UHLIG, 1881, pl. LIII, fig. 6, 6a)
- 1971 *Aegocrioceras capricornu* - RAWSON, p. 70
- non1971 *Aegocrioceras der capricornu* – *torulosum* Gruppe - KEMPER, pl. 3, fig. 2 (= ?*Aegocrioceras quadratum*)
- 1974 *Aegocrioceras capricornu* - KAEVER et al., p. 222, pl. 2, fig. 3
- 1975a *Aegocrioceras capricornu* - RAWSON, p. 147, pl. 5, fig. 1a, 1b
- 1976 *Aegocrioceras* cf. *capricornu* - KEMPER, pl. 28, fig. 5, pl. 31, fig. 19a, 19b
- 1992 *Aegocrioceras* cf. *capricornu* - KEMPER, pl. 54, fig. 3a, 3b (=KEMPER, 1976, pl. 31, fig. 19a, 19b)
- 1995 *Aegocrioceras capricornu* - MUTTERLOSE & WIEDENROTH, p. 229, pl. 2, fig. 2
- 1996 *Aegocrioceras capricornu* - MUTTERLOSE & WIEDENROTH, p. 117, pl. 2, fig. 5 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 2, fig. 2)
- 1997 *Aegocrioceras capricornu* - MUTTERLOSE et al., fig. 67: 1 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 2, fig. 2), fig. 71: 2, 71: 3

Aegocrioceras compressum RAWSON, 1975

- 1966 *Aegocrioceras compressiformis* - RAWSON, p. 105, pl. 10, fig. 2a, 2b, pl. 12, fig. 1a, 1b, text-fig. 24c (nomen nudum)
- ?1966 *Aegocrioceras* cf. *compressiformis* - RAWSON, p. 106, pl. 7, fig. 2a, 2b, text-fig. 24g
- 1971 *Aegocrioceras* sp. a - RAWSON, p. 70
- *1975a *Aegocrioceras compressum* - RAWSON, p. 144, pl. 5, fig. 2a, 2b (=RAWSON, 1966, pl. 10, fig. 2b, 2a), fig. 6a, 6b
- 1976 *Aegocrioceras* cf. *compressum* - KEMPER, pl. 28, fig. 2
- 1992 *Aegocrioceras compressum* - KEMPER, pl. 53, fig. 3a, 3b
- 1992 *Aegocrioceras* cf. *compressum* - KEMPER, pl. 53, fig. 1 (=KEMPER, 1976, pl. 28, fig. 2)

Aegocrioceras densiradiatum RAWSON, 1970

- 1906 *Crioceras Puzosianum* ? - VON KOENEN in DANFORD, p. 113
- 1924a *Aegocrioceras* sp. nov. aff. *capitanei* (Bean MS.) (=“*puzosianum*” von Koenen in Danford =*quadratum* (Bean MS., “var.”)) - SPATH, p. 77
- 1966 *Aegocrioceras densiradiatum* - RAWSON, p. 113, pl. 9, fig. 7, 8, text-fig. 24a (nomen nudum)
- *1970 *Aegocrioceras densiradiatum* - RAWSON, p. 589, text-fig. 8 (=RAWSON, 1966, pl. 9, fig. 7), text-fig. 9, text-fig. 10 (=RAWSON, 1966, pl. 9, fig. 8)
- 1975a *Aegocrioceras densiradiatum* - RAWSON, p. 146, pl. 6, fig. 2 (=RAWSON, 1966, pl. 9, fig. 7)
- 1976 *Aegocrioceras* sp. (? cf. *densiradiatum*) - KEMPER, pl. 33, fig. 8

Aegocrioceras? koeneni SPATH, 1924

- 1829 *Hamites maximus* (Min. Conch.) - PHILLIPS, p. 123, pl. 1, fig. 21, non fig. 20 (= ?*Aegocriceras semicinctum*)
- 1875 *Ancyloceras grande* - PHILLIPS, p. 274, pl. 1, fig. 21 (=PHILLIPS, 1829, pl. 1, fig. 21), non fig. 20 (=PHILLIPS, 1829, pl. 1, fig. 20)
- *1924a *Aegocrioceras koeneni* - SPATH, p. 77 (=PHILLIPS, 1829, pl. 1, fig. 21)
- 1966 *Aegocrioceras koeneni* - RAWSON, p. 111, pl. 10, fig. 3a, 3b, pl. 12, fig. 2a, 2b, 3a, 3b, text-fig. 24e
- 1969 *Aegocrioceras koeneni* - HILTERMANN & KEMPER, p. 23, pl. 2, fig. 7
- 1970 *Aegocrioceras koeneni* - RAWSON, p. 587, text-fig. 6, 7 (=RAWSON, 1966, pl. 10, fig. 3a, 3b)
- 1975a *Aegocrioceras? koeneni* - RAWSON, p. 149, pl. 4, fig. 3a, 3b (=RAWSON, 1966, pl. 10, fig. 3a, 3b), 4a, 4b, pl. 5, fig. 5a, 5b

***Aegocrioceras quadratum* (CRICK, 1898)**

- *1898 *Crioceras quadratum* (Bean MS) - CRICK, p. 74, 79, pl. 17, fig. 10, 11, 12, 13
 1902 *Crioceras torulosum* - VON KOENEN, p. 320, pl. XV, fig. 4a, 4b, 5a, 5b
 1924a *Aegocrioceras quadratum* (Bean MS.) Crick sp. - SPATH, p. 77
 1924a *Aegocrioceras torulosum* - SPATH, p. 77
 1966 *Aegocrioceras quadratum* - RAWSON, p. 99, pl. 1, fig. 1a, 1b (=CRICK, 1898, pl. 17, fig. 12, 13), pl. 3, fig. 1a, 1b, pl. 4, fig. 2, pl. 5, fig. 2a, 2b, pl. 7, fig. 1a, 1b, text-fig. 23, 24L
 1966 *Aegocrioceras cf. quadratum* - RAWSON, p. 101, pl. 2, fig. 3a, 3b, text-fig. 21c, 24k
 1966 *Aegocrioceras torulosum* - RAWSON, p. 102, pl. 8, fig. 1a, 1b, text-fig. 24m
 1967 *Aegocrioceras quadratum* - COX et al., p. 168, pl. 62, fig. 1
 1968 *Aegocrioceras quadratum* - JORDAN, p. 50
 1970 *Aegocrioceras quadratum* - RAWSON, p. 585, text-fig. 1, 2 (=RAWSON, 1966, pl. 1, fig. 1a, 1b)
 ?1971 *Aegocrioceras der capricornu - torulosum* Gruppe - KEMPER, pl. 3, fig. 2
 1975a *Aegocrioceras quadratum* - RAWSON, p. 140, pl. 1, fig. 1a, 1b (=RAWSON, 1966, pl. 2, fig. 3a, 3b), fig. 3a, 3b, 4, pl. 2, fig. 2a, 2b (=RAWSON, 1966, pl. 8, fig. 1a, 1b), pl. 3, fig. 1a, 1b, text-fig. 1b
 1975a *Aegocrioceras torulosum* - RAWSON, p. 141
 1976 *Aegocrioceras* sp. cf. *quadratum* - KEMPER, pl. 3, fig. 2 (=KEMPER, 1971, pl. 3, fig. 2)
 ?1978 ?*Crioceras torulosum* - GAVRILISHIN, p. 45, pl. I, fig. 4
 1987 *Aegocrioceras quadratum* - KEMPER & WIEDENROTH, p. 328, pl. 10, fig. 1a, 1b, 2, 4
 1992 *Aegocrioceras quadratum* - KEMPER, pl. 51, fig. 1a, 1b, 2, 4 (=KEMPER & WIEDENROTH, 1987, pl. 10, fig. 1a, 1b, 2, 4)
 1992 *Aegocrioceras cf. quadratum* - KEMPER, pl. 53, fig. 2 (=KEMPER, 1971, pl. 3, fig. 2)
 1995 *Aegocrioceras quadratum* - MUTTERLOSE & WIEDENROTH, p. 229, pl. 2, fig. 5
 1996 *Aegocrioceras raricostatum* - MUTTERLOSE & WIEDENROTH, pl. 1, fig. 2 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 2, fig. 5)
 1997 *Aegocrioceras quadratum* - MUTTERLOSE et al., fig. 67: 2 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 2, fig. 5)

***Aegocrioceras raricostatum* (PHILLIPS, 1929)**

- *1829 *Hamites raricostatus* - PHILLIPS, p. 123, pl. 1, fig. 23
 non1841 *Hamites raricostatus* - ROEMER, p. 93, pl. 13, fig. 14a, 14b
 1852 *Hamulina raricostata* - D'ORBIGNY, p. 228
 ?1902 *Hamites raricostatus* - VON KOENEN, p. 320
 1902 *Hamites intermedius* Phillips (non Sowerby) - VON KOENEN, p. 319
 1906 *Hamites intermedius* - VON KOENEN in DANFORD, p. 114
 1924a *Aegocrioceras intermedium* - SPATH, p. 76, 77
 ?1924a *Aegocrioceras raricostatum* - SPATH, p. 77
 1924a *Toxoceratoides rotundus* (Bean MS non Phillips) - SPATH, p. 78
 1962 *Aegocrioceras? raricostatum* - HOWARTH, p. 129
 1966 *Aegocrioceras speetonensis* - RAWSON, p. 107, pl. 10, fig. 1a, 1b, 5a, 5b, 6a, 6b, ?pl. 9, fig. 2a, 2b, text-fig. 21a, 24b
 1970 *Aegocrioceras* sp. nov. - RAWSON, p. 589
 1970 *Aegocrioceras? raricostatum* - RAWSON, p. 590
 1971 *Aegocrioceras* sp. nov. - RAWSON, p. 70 (=RAWSON, 1970, p. 589)
 1975a *Aegocrioceras raricostatum* - RAWSON, p. 143, pl. 4, fig. 6a, 6b (=RAWSON, 1966, pl. 10, fig. 6a, 6b), fig. 7, fig. 8a, 8b (=RAWSON, 1966, pl. 10, fig. 5a, 5b), fig. 9a, 9b, 10a, 10b, pl. 5, fig. 3, 4, fig. 7a, 7b (=RAWSON, 1966, pl. 10, fig. 1a, 1b), text-fig. 1c
 1976 *Aegocrioceras raricostatum* - KEMPER, pl. 28, fig. 1, 8
 1987 *Aegocrioceras raricostatum* - KEMPER & WIEDENROTH, p. 328, pl. 11, fig. 3

- 1992 *Aegocrioceras raricostatum* - KEMPER, pl. 54, fig. 2 (=KEMPER, 1976, pl. 28, fig. 1), fig. 4 (=KEMPER & WIEDENROTH, 1987, pl. 11, fig. 3)
- 1995 *Aegocrioceras raricostatum* - MUTTERLOSE & WIEDENROTH, pl. 1, fig. 1, 2, pl. 2, fig. 3
- 1996 *Aegocrioceras raricostatum* - MUTTERLOSE & WIEDENROTH, pl. 1, fig. 1 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 1, fig. 1), fig. 3 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 2, fig. 3), non pl. 1, fig. 2 (=Aegocrioceras quadratum)
- 1997 *Aegocrioceras* cf. *raricostatum* - KRÜGER, p. 43, fig. 3
- 1997 *Aegocrioceras raricostatum* - MUTTERLOSE et al., fig. 67: 5 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 1, fig. 1), fig. 68: 1 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 2, fig. 3), fig. 71: 4
- 2002 *Aegocrioceras raricostatum* - MUTTERLOSE & BORNEMANN, fig. 10.6: 5 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 1, fig. 1)

Aegocrioceras? seeleyi (NEUMAYR & UHLIG, 1881)

- *1881 *Crioceras Seeleyi* - NEUMAYR & UHLIG, p. 185, pl. LI, fig. 1, 1a, 1b, 2, 3, pl. LII, fig. 1, 1a, 1b, 2, 3
- 1884 *Crioceras (Ancyloceras?) Seelyi* - WEERTH, p. 24
- 1904 *Crioceras Seeleyi* ? - VON KOENEN, p. 42
- ?1924a *Aegocrioceras seeleyi* - SPATH, p. 77
- 1975a *Aegocrioceras? seeleyi* - RAWSON, p. 148, pl. 6, fig. 1a, 1b
- 1978 *Crioceratites (Crioceratites) seeleyi* - IMMEL, p. 61, pl. 5, fig. 2, text-fig. 11a
- 1982 *Aegocrioceras seeleyi* - STÜHMER et al., p. 86, pl. 23, fig. 1
- 1992 "*Crioceras*" (?) *seeleyi* - KEMPER, pl. 55, fig. 12a, 12b

Aegocrioceras semicinctum (RÖEMER, 1841)

- ?1829 *Hamites maximus* - PHILLIPS, p. 95, pl. I, fig. 20
- *1841 *Hamites semicinctus* - RÖEMER, p. 92, pl. XV, fig. 3a, 3b
- 1852 *Hamulina semicincta* - D'ORBIGNY, p. 227
- ?1861 *Ancyloceras insignis* - PICTET & CAMPICHE, p. 43 (=PHILLIPS, 1829, pl. 1, fig. 20)
- 1902 *Crioceras semicinctum* - VON KOENEN, p. 322, pl. XV, fig. 1a, 1b
- non1924a *Aegocrioceras semicinctum* - SPATH, p. 77
- ?1924a *Aegocrioceras* cf. *semicinctum* - SPATH, p. 77
- ?1924a *Aegocrioceras* sp. nov. ? aff. *semicinctum* - SPATH, p. 77
- 1924a *Aegocrioceras ligatum* (Bean MS.) - SPATH, p. 77
- 1942 *Crioceras (Haplocrioceras) semicinctum* - DACQUÉ, pl. XI, fig. 1, 1a (=VON KOENEN, 1902, pl. XV, fig. 1a, 1b)
- 1966 *Aegocrioceras semicinctum* - RAWSON, p. 97, pl. 3, fig. 2a, 2b, pl. 4, fig. 1a, 1b, pl. 5, fig. 1a, 1b, pl. 6, fig. 1, 2a, 2b, 2c, 2d, 3, text-fig. 24n
- 1970 *Aegocrioceras semicinctum* - RAWSON, p. 591
- 1970 *Aegocrioceras ligatum* - RAWSON, p. 591 (=SPATH, 1924a, p. 77)
- 1975a *Aegocrioceras semicinctum* - RAWSON, p. 141, pl. 2, fig. 3, pl. 3, fig. 2a, 2b (=RAWSON, 1966, pl. 4, fig. 1a, 1b), fig. 3 (=RAWSON, 1966, pl. 6, fig. 3)
- 1975a *Aegocrioceras ligatum* - RAWSON, p. 155 (=SPATH, 1924a, p. 77)
- 1978 *Aegocrioceras semicinctum* - PYRAH, p. 454
- 1992 *Aegocrioceras semicinctum* - KEMPER, pl. 52, fig. 3

Aegocrioceras spathi RAWSON, 1975

- ?1881 *Crioceras* n. f. cf. *capricornu* - NEUMAYR & UHLIG, p. 194(67), pl. LIII, fig. 5
- 1966 *Aegocrioceras spathi* - RAWSON, p. 110, pl. 2, fig. 2a, 2b, pl. 9, fig. 3a, 3b, 5a, 5b, pl. 10, fig. 4a, 4b, pl. 11, fig. 1, text-fig. 24d, 24h (nomen nudum)
- 1971 *Aegocrioceras* sp. b - RAWSON, p. 70

- *1975a *Aegocrioceras spathi* - RAWSON, p. 145, pl. 4, fig. 1, fig. 2a, 2b, (=RAWSON, 1966, pl. 10, fig. 4a, 4b), fig. 5a, 5b
- 1976 *Aegocrioceras* sp. (ex gr. *A. spathi*) - KEMPER, pl. 27, fig. 11a, 11b
- 1978 *Aegocrioceras spathi* - PYRAH, p. 454
- 1987 *Aegocrioceras spathi* - KEMPER & WIEDENROTH, p. 328, pl. 10, fig. 3, pl. 11, fig. 2
- 1992 *Aegocrioceras spathi* - KEMPER, pl. 51, fig. 3 (=KEMPER & WIEDENROTH, 1987, pl. 10, fig. 3), pl. 52, fig. 1, 2, 4, pl. 54, fig. 5 (=KEMPER & WIEDENROTH, 1987, pl. 11, fig. 2)
- 1995 *Aegocrioceras spathi* - MUTTERLOSE, pl. 4, fig. 1, 2
- 1995 *Aegocrioceras spathi* - MUTTERLOSE & WIEDENROTH, p. 233, pl. 2, fig. 1
- 1996 *Aegocrioceras spathi* - MUTTERLOSE & WIEDENROTH, p. 120, pl. 2, fig. 4 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 2, fig. 1)
- 1997 *Aegocrioceras spathi* - MUTTERLOSE et al., fig. 67: 3, fig. 67: 4 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 2, fig. 1)
- 2000 *Aegocrioceras spathi* - RAWSON & WRIGHT, fig. 40 bottom left (=RAWSON, 1966, pl. 10, fig. 4a)

***Aegocrioceras subnodosum* (ROEMER, 1841)**

- *1841 *Hamites subnodosus* - ROEMER, p. 93, pl. XIII, fig. 10a, 10b
- 1852 *Hamulina subnodosa* - D'ORBIGNY, p. 226
- 1924a *Aegocrioceras subnodosum* - SPATH, p. 77
- 1975a *Aegocrioceras subnodosum* - RAWSON, p. 150

***Bejucoceras* CANTÚ CHAPA, 1976 (1976, p. 65)**

TYPE SPECIES: *Bejucoceras simplecostatum* CANTÚ CHAPA, 1976, p. 65, pl. VI, fig. 9, 9a (OD).
INCLUDED (SUB)SPECIES:

simplecostatum - CANTÚ CHAPA, 1976, p. 65, pl. VI, fig. 9, 9a (HT by OD)

***Bejucoceras simplecostatum* CANTÚ CHAPA, 1976**

- *1976 *Bejucoceras simplecostatum* - CANTÚ CHAPA, p. 65, pl. IV, fig. 2, 6, pl. V, fig. 7, 15, 18, pl. VI, fig. 9, 9a, 18, pl. VII, fig. 2, 3, 4, 5, 6, 8, 12, 13, 14, 15, 16, 17, 18

***Hemicrioceras* SPATH, 1924 (1924a, p. 85)**

TYPE SPECIES: *Crioceras rude* VON KOENEN, 1902, p. 311, pl. XXXIV, fig. 1a, 1b, 1c (OD).
INCLUDED (SUB)SPECIES:

rude - VON KOENEN, 1902, p. 311, pl. XXXIV, fig. 1a, 1b, 1c
(LT designated by STOLLEY, 1908, p. 169)

***Hemicrioceras rude* (VON KOENEN, 1902)**

- *1902 *Crioceras rude* - VON KOENEN, p. 311, pl. XXXIV, fig. 1a, 1b, 1c, non pl. XLVIII, fig. 2, 3 (=Simancyloceras stolleyi)
- ?1905 *Crioceras rude* - SINZOW, p. 324
- 1908 *Crioceras rude* - STOLLEY, p. 166

- ?1952 *Hemiciroceras* cf. *rude* - LUPPOV, p. 230, pl. VIII, fig. 3
 1974 *Parancyloceras rude* - KAEVER et al., p. 221 pl. 1 fig. 3 (=VON KOENEN, 1902, pl. XXXIV, fig. 1a)
 1996 *Hemiciroceras rude* - WRIGHT et al., p. 214, fig. 165: 2a, 2b (=VON KOENEN, 1902, pl. XXXIV, fig. 1a, 1b)

***Simancyloceras* KEMPER, 1973**
 (1973b, p. 43)

TYPE SPECIES: *Simancyloceras stolleyi* KEMPER, 1973b, p. 44 (VON KOENEN, 1902, pl. XLVIII, fig. 2a, 2b, 2c) (OD).

INCLUDED (SUB)SPECIES:

- | | |
|--------------------|---|
| <i>impar</i> - | VON KOENEN, 1902, p. 387, pl. XXXIV, fig. 2a, 2b, 2c (HT by MT) |
| <i>innexum</i> - | VON KOENEN, 1902, p. 355 (LT requested) |
| ? <i>pingue</i> - | VON KOENEN, 1902, p. 308 (LT requested) |
| <i>stolleyi</i> - | KEMPER, 1973b, p. 44 (HT by OD VON KOENEN, 1902, pl. XLVIII, fig. 2a, 2b, 2c) |
| <i>variabile</i> - | MAAS, 1895, p. 276 (LT requested) |

***Simancyloceras impar* (VON KOENEN, 1902)**

- *1902 *Ancyloceras* ? *impar* - VON KOENEN, p. 387, pl. XXXIV, fig. 2a, 2b, 2c
 1973b *Simancyloceras impar* - KEMPER, p. 43

***Simancyloceras innexum* (VON KOENEN, 1902)**

- *1902 *Ancyloceras innexum* - VON KOENEN, p. 355, pl. XXVI, fig. 5a, 5b

***Simancyloceras?* *pingue* (VON KOENEN, 1902)**

- *1902 *Crioceras pingue* - VON KOENEN, p. 308, pl. LI, fig. 3, 4, pl. LII, fig. 1, 2
 ?1905 *Crioceras pingue* - SINZOW, p. 323
 1942 *Crioceras pingue* - DACQUÉ, pl. X, fig. 5, 5a (=VON KOENEN, 1902, pl. LI, fig. 3)

***Simancyloceras stolleyi* KEMPER, 1973**

- 1902 *Crioceras rude* - VON KOENEN, pl. XLVIII, fig. 2, 3
 1908 *Crioceras* aff. *rude* - STOLLEY, p. 169 (=VON KOENEN, 1902, pl. XLVIII, fig. 2, 3)
 1936 *Crioceras* aff. *rude* - KUMM, p. 31
 1966 *Ancyloceras* sp. - KEMPER, p. 256, fig. 6
 1971 *Ancyloceras* sp. - KEMPER, pl. 24 fig. 5 (=KEMPER, 1966, fig. 6 (pars))
 *1973b *Simancyloceras stolleyi* - KEMPER, p. 44, pl. 2, fig. 3 (=KEMPER, 1966, fig. 6 (pars))
 1976 *Simancyloceras stolleyi* - KEMPER, pl. 24 fig. 5 (=KEMPER, 1966, fig. 6 (pars)), pl. 32, fig. 3 (=KEMPER, 1966, fig. 6)
 1992 *Simancyloceras stolleyi* - KEMPER, pl. 66, fig. 12a, 12b (=KEMPER, 1966, fig. 6)
 1996 *Simancyloceras stolleyi* - WRIGHT et al., p.214, fig. 165: 1a, 1b (=VON KOENEN, 1902, pl. XLVIII, fig. 2, 3)

***Simancyloceras variabile* (MAAS, 1895)**

- 1880 *Ancyloceras* (*Toxoceras*) *obliquatum* - DAMES, p. 693, pl. XXVI, fig. 2

- 1880 *Ancyloceras (Toxoceras) plicatile* d'Orbigny - DAMES, pl. XXVI, fig. 2¹²
 *1895 *Ancyloceras variabile* - MAAS, p. 276, pl. VIII, fig. 1a, 1b, 2
 1973b *Simancyloceras variabile* - KEMPER, p. 43

***Parancyloceras* SPATH, 1924**
 (1924a, p. 85)

TYPE SPECIES: *Crioceras bidentatum* VON KOENEN, 1902, p. 329, pl. XXXVIII, fig. 2 (OD).
 INCLUDED (SUB)SPECIES:

<i>aegoceras</i> -	VON KOENEN, 1902, p. 328, pl. XXXVI, fig. 2 (LT designated herein) ¹³
<i>balkarens</i> -	RENNGARTEN, 1951, p. 56 (nomen nudum)
<i>bidentatum</i> -	VON KOENEN, 1902, p. 329, pl. XXXVIII, fig. 2 (LT designated herein) ¹⁴
<i>?domeykanum</i>	BAYLE & COQUAND, 1851, p. 10, pl. II, fig. 3, 4, 5 (HT by MT)
<i>meridionale</i> -	AVRAM & MELINTE, 1998, p. 127, pl. 1, fig. 1 (HT by OD)
<i>scalare</i> -	VON KOENEN, 1902, p. 371 (LT requested)
<i>subtrispinosum</i> -	RENNGARTEN, 1951, p. 56 (nomen nudum)

***Parancyloceras aegoceras* (VON KOENEN, 1902)**

- *1902 *Crioceras aegoceras* - VON KOENEN, p. 328, pl. XXXVI, fig. 1a, 1b, 1c, 2, 3
 ?1914 *Crioceras aegoceras* - KAZANSKY, p. 37
 1971 *Parancyloceras bidentatum* - KEMPER, pl. 1, fig. 1
 1976 *Parancyloceras aegoceras* - KEMPER, pl. 1, fig. 1 (=KEMPER, 1971, pl. 1, fig. 1)
 1992 *Parancyloceras aegoceras* - KEMPER, pl. 66, fig. 13 (=KEMPER, 1971, pl. 1, fig. 1)

***Parancyloceras balkarens* RENNGARTEN, 1951**

- *1951 *Parancyloceras balkarens* - RENNGARTEN, p. 56 (nomen nudum)

***Parancyloceras bidentatum* (VON KOENEN, 1902)**

- *1902 *Crioceras bidentatum* - VON KOENEN, p. 329, pl. XXXVIII, fig. 1a, 1b, 2, 3
 1938 *Parancyloceras bidentatum* - ROMAN, p. 355, pl. XXXV, fig. 334 (=VON KOENEN, 1902, pl. XXXVIII, fig. 1a)
 1942 *Crioceras (Parancyloceras) bidentatum* - DAQUÉ, pl. XI, fig. 4, 4a (=VON KOENEN, 1902, pl. XXXVIII, fig. 2, 1b)
 1957 *Parancyloceras bidentatum* - ARKELL et al., p. L208, fig. 237: 1a, 1b (=VON KOENEN, 1902, pl. XXXVIII, fig. 1b, 2)
 non1971 *Parancyloceras bidentatum* - KEMPER, pl. 1, fig. 1 (=Parancyloceras aegoceras)
 1973b *Parancyloceras bidentatum* - KEMPER, p. 47, pl. 1, fig. 7
 1974 *Parancyloceras bidentatum* - KAEVER et al., p. 221, pl. 1, fig. 2a, 2b (=VON KOENEN, 1902, pl. XXXVIII, fig. 1a, 1b)
 ?1984 *Parancyloceras bidentatum* - CERIOTTI et al., p. 36, fig. 5

¹² Lapsus calami on plate XXVI.

¹³ The only nearly complete specimen that VON KOENEN, 1902 described and depicted. The other syntypes are fragments.

¹⁴ The specimen depicted in plate XXXVIII, figure 1a is in the view of VON KOENEN, 1902 probably a composition of two fragments.

- 1987 *Parancyloceras bidentatum* - KEMPER & WIEDENROTH, p. 329, pl. 12, fig. 2
 1995 *Parancyloceras bidentatum* - KEMPER, pl. 1, fig. 7 (=KEMPER, 1973b, pl. 1, fig. 7)
 1996 *Parancyloceras bidentatum* - WRIGHT et al., p. 215, fig. 164: 1a, 1b (=VON KOENEN, 1902, pl. XXXVIII, fig. 1b, 2)
 1997 *Parancyloceras bidentatum* - MUTTERLOSE et al., p. 64, fig. 44: 3, 44: 4

***Parancyloceras? domeykanum* (BAYLE & COQUAND, 1851)**

- *1851 *Ammonites Domeykanus* - BAYLE & COQUAND, p. 10, pl. II, fig. 3, 4, 5
 2004 *Parancyloceras? domeykanus* - MOURGUES, p. 8, fig. 6b, 6i, 6j

***Parancyloceras meridionale* AVRAM & MELINTE, 1998**

- *1998 *Parancyloceras meridionale* - AVRAM & MELINTE, p. 1127, pl. 1, fig. 1, 2, text-fig. 4a, 4b

***Parancyloceras scalare* (VON KOENEN, 1902)**

- *1902 *Ancyloceras scalare* - VON KOENEN, p. 371, pl. XXXV, fig. 11a, 11b, 11c, 11d, 12a, 12b
 1987 "*Ancyloceras*" *scalare* - KEMPER & WIEDENROTH, p. 330, pl. 9, fig. 4
 1997 *Parancyloceras scalare* - MUTTERLOSE et al., fig. 44: 7

***Parancyloceras subtrispinosum* RENNGARTEN, 1951**

- *1951 *Parancyloceras subtrispinosum* - RENNGARTEN, p. 56 (nomen nudum)

***Annuloceras* MURPHY, RODDA & EMBREE, 1995
 (1995, p. 1179)**

TYPE SPECIES: *Annuloceras summersi* MURPHY, RODDA & EMBREE, 1995, p. 1179, text-fig. 4.1, 4.2, 4.3, 4.4 (OD).

INCLUDED (SUB)SPECIES:

summersi - MURPHY, RODDA & EMBREE, 1995, p. 1179, text-fig. 4.1, 4.2, 4.3, 4.4 (HT by OD)

***Annuloceras summersi* MURPHY, RODDA & EMBREE, 1995**

- *1995 *Annuloceras summersi* - MURPHY et al., p. 1179, text-fig. 3, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8

***Peltocrioceras* SPATH, 1924
 (1924a, p. 85)**

TYPE SPECIES: *Crioceras Deecke* FAVRE, 1908, p. 636, pl. XXXVI, fig. 4, pl. XXXVII, fig. 1 (OD).

INCLUDED (SUB)SPECIES:

deecke - FAVRE, 1908, p. 636, pl. XXXVI, fig. 4, pl. XXXVII, fig. 1, text-fig. 7 (HT by MT)

sarasini - FAVRE, 1908, p. 638, pl. XXXVI, fig. 1, 2, 3, pl. XXXVII, fig. 2 (HT by MT)

***Peltocrioceras deecke* (FAVRE, 1908)**

- *1908 *Crioceras Deecke* - FAVRE, p. 636, pl. XXXVI, fig. 4, pl. XXXVII, fig. 1, text-fig. 7
- 1908 *Crioceras Sarasini* - FAVRE, p. 638, pl. XXXVI, fig. 1, 2, 3, pl. XXXVII, fig. 2
- 1931 *Crioceras Deecke* - WINDHAUSEN, pl. 35, fig. 4 (=FAVRE, 1908, pl. XXXVI, fig. 4)
- 1937 *Crioceras* cf. *deecke*/*sarasini* - FERUGLIO, p. 77, pl. IX, fig. 2, non fig. 1a, 1b
- 1938 *Crioceras deecke* - PIATNIZKY, p. 81, pl. IX, fig. 39
- 1963 *Tropaeum deecke* - LEANZA, p. 221
- 1970 *Tropaeum deecke* - LEANZA, p. 207, pl. VII, fig. 1, 2, 3, non fig. 4, 5 (=Australiceras cardielensis)
- 1977 *Australiceras* ? sp. cf. '*Crioceras*' *sarasini* - KLINGER & KENNEDY, fig. 10A
- 1985 *Peltocrioceras deecke* - AGUIRRE-URRETA, p. 202, pl. XII, XIII, text-fig. 11A, 11B, 11C
- ?1985 *Peltocrioceras deecke*? - AGUIRRE-URRETA, p. 205, pl. XIV, fig. A, B
- ?1988 *Peltocrioceras deecke* - RICCARDI, pl. 11, fig. 1 (=AGUIRRE-URRETA, 1985, pl. XIV, fig. B)
- 1996 *Peltocrioceras deecke* - WRIGHT et al., p. 216, fig. 168: 3 (=AGUIRRE-URRETA, 1985, pl. XII)

Superfamily ANCYLOCERATOIDEA GILL, 1871¹⁵

Family HIMANTOCERATIDAE DIMITROVA, 1970¹⁶

***Himantoceras* THIEULOUY, 1965¹⁷**
(1965, p. 206)

=*Criohimantoceras* THIEULOUY & BULOT, 1993, p. 86. TYPE SPECIES: *Himantoceras* sp. MUTTERLOSE, 1992, pl. 7, fig. 1, 2 (= *Himantoceras gigas*) (OD).¹⁸

TYPE SPECIES: *Himantoceras trinodosum* THIEULOUY, 1965, p. 206, pl. VIII, fig. 1a, 1b, text-fig. 2A (OD)

INCLUDED (SUB)SPECIES:

<i>acuticostatum</i> -	THIEULOUY, 1965, p. 207, pl. VIII, fig. 2, text-fig. 2B, 2Ba (HT by OD)
<i>collignoni</i> -	THIEULOUY, 1965, p. 208, pl. VIII, fig. 3, text-fig. C (HT by OD)
<i>gigas</i> -	THIEULOUY & BULOT, 1993, p. 86 (HT MUTTERLOSE, 1992, pl. 7, fig. 1, 2)
<i>lessinianum</i> -	FARAONI et al., 1997, p. 79, pl. 10, fig. 1, 2, 4 (HT by OD)
<i>thieuloyi</i> -	MANDOV, 1974, p. 145, pl. I, fig. 4, text-fig. 1 (HT by OD)
<i>trinodosum</i> -	THIEULOUY, 1965, p. 206, pl. VIII, fig. 1a, 1b, text-fig. 2A (HT by OD)

***Himantoceras acuticostatum* THIEULOUY, 1965**

- *1965 *Himantoceras acuticostatum* - THIEULOUY, p. 207, pl. VIII, fig. 2, text-fig. 2B, 2Ba
?1974 *Himantoceras* (?) sp. - MANDOV, p. 147, pl. I, fig. 3
1983 *Himantoceras acuticostatum* - VAŠIČEK, MICHALÍK & BORZA, p. 473, pl. 1, fig. 4
1989 *Himantoceras acuticostatum* - VAŠIČEK, pl. I, fig. 1 (=VAŠIČEK, MICHALÍK & BORZA, 1983, pl. 1, fig. 4)
1996 *Himantoceras acuticostatum* - REBOULET, p. 172, pl. 25, fig. 12, 13

***Himantoceras gigas* (THIEULOUY & BULOT, 1993)¹⁹**

- 1991 *Himantoceras* ? - THIEULOUY, FUHR & BULOT, p. 62, pl. 1, fig. 1
1992 *Himantoceras* sp. - MUTTERLOSE, p. 70, pl. 7, fig. 1, 2
?1992 *Crioceratites* sp. - KEMPER, pl. 30, fig. 2
*1993 *Criohimantoceras gigas* - THIEULOUY & BULOT, p. 86, pl. 2, fig. 1, 2a, 2b
non1997 *Criohimantoceras* aff. *gigas* - PEZZONI et al., pl. 5, fig. 2 (= *Himantoceras* sp.)
2001 *Criohimantoceras gigas* - PÉREZ VALERA & COMPANY, p. 255

¹⁵ Following REBOULET, 1996, we consider that the superfamily Ancyloceratoidea is probably not monophyletic, but has a multiple origin in the Neocomitidae.

¹⁶ REBOULET (herein) disagrees with the use of the family *Himantoceratidae* because *Himantoceras* has a direct phyletic relation with the Neocomitinae. Also VERMEULEN, 2006 is not sure if we should include this family in the Ancyloceratoidea instead of in the Perisphinctoidea or the Endemoceratoidea.

¹⁷ In the view of REBOULET (herein) *Himantoceras* should be assigned to the Neocomitidae as its ancestor is probably *Neocomites neocomiensis* by way of *Sabbaicerias beaumugnense*, *Rodighieroites belimelensis* and *Rodighieroites cardulus*.

¹⁸ Probably the macroconch of *Himantoceras*.

¹⁹ In the view of REBOULET (herein) *Himantoceras gigas* is a synonym of *Himantoceras trinodosum*.

- ?1996 *Himantoceras trinodosum* - REBOULET, pl. 25, fig. 8
 *1997 *Himantoceras lessinianum* - FARAONI et al., p. 79, pl. 9, fig. 11, 12, pl. 10, fig. 1, 2, 3, 4, 5

***Himantoceras trinodosum* THIEULOY, 1965**

- *1965 *Himantoceras trinodosum* - THIEULOY, p. 206, pl. VIII, fig. 1a, 1b, tex-fig. 2A
 1965 *Himantoceras collignoni* - THIEULOY, p. 208, pl. VIII, fig. 3, text-fig. 2C
 1974 *Himantoceras trinodosum* - MANDOV, p. 144, pl. I, fig. 2
 1974 *Himantoceras thieuloyi* - MANDOV, p. 145, pl. I, fig. 4, text-fig. 1
 1974 *Himantoceras* aff. *trinodosum* - MANDOV, p. 145, pl. I, fig. 1
 1979a *Himantoceras trinodosum* - THIEULOY, p. 49, pl. 3, fig. 10, 11
 ?1985 *Himantoceras* sp. - ETAYO-SERNA, p. XXIV-25, pl. 2, fig. 7
 1986 *Himantoceras* cf. *trinodosum* - VAŠÍČEK & MICHALÍK, p. 457, pl. I, fig. 2
 1986 *Himantoceras trinodosum* - WYSSLING, p. 196, pl. 7, fig. 3
 1987 *Himantoceras trinodosum* - COMPANY, p. 92, pl. 1, fig. 11
 1989 *Himantoceras trinodosum* - AUTRAN, pl. 1, fig. 2
 1991 *Himantoceras trinodosum* - REBOULET, pl. 2, fig. 10 (=text-fig. p. 2)
 1991 *Himantoceras trinodosum* - MANTHEY, p. 76, pl. 1, fig. 7
 1993 *Himantoceras trinodosum* - AUTRAN, pl. 1, fig. 2 (=AUTRAN, 1989, pl. 1, fig. 2)
 1993 *Himantoceras* cf. *trinodosum* - AVRAM & GRĂDINARU, p. 672, pl. 1, fig. 5, pl. 2, fig. 4, pl. 3, fig. 8
 1995 *Himantoceras trinodosum* - VAŠÍČEK, p. 171, pl. 1, fig. 8 (=VAŠÍČEK & MICHALÍK, 1986, pl. I, fig. 2)
 1995 *Himantoceras trinodosum* - BULOT, pl. 16, fig. 10
 1996 *Himantoceras trinodosum* - REBOULET, p. 171, pl. 25, fig. 6, 7, ?8, 9, 10, 11
 1996 *Himantoceras trinodosum* - WRIGHT et al., p. 211, 164: 5d (=THIEULOY, 1965, text-fig. 2A)
 1997 *Himantoceras trinodosum* - VAŠÍČEK, p. 235, pl. I, fig. 9
 1999 *Criohimantoceras* sp. - VAŠÍČEK & MICHALÍK, fig. 5: 1 (=VAŠÍČEK, 1997, pl. I, fig. 9)
 1999 *Himantoceras trinodosum* - VAŠÍČEK & MICHALÍK, fig. 5: 2
 1999 *Himantoceras trinodosum* - LUKENEDER, p. 10, pl. 2, fig. 1
 2001 *Himantoceras trinodosum* - PÉREZ VALERA & COMPANY, p. 254
 2001 *Himantoceras trinodosum* - WIPPICH, p. 114, pl. 34, fig. 1, 2
 2003a *Himantoceras trinodosum* - LUKENEDER, pl. 2, fig. 5, 6, 7
 2004b *Himantoceras trinodosum* - LUKENEDER, pl. 3, fig. 3
 2004 *Himantoceras trinodosum* - ETTACHFINI, p. 159, pl. 19, fig. 5, pl. 20, fig. 7
 2005 *Himantoceras trinodosum* - VAŠÍČEK, p. 252, fig. 4.3, 4.4

***Eocrioceratites* WIEDMANN, 1973**
 (1973, p. 312)

TYPE SPECIES: *Protancyloceras rebillyi* COLLIGNON, 1962a, p. 20, pl. CLXXXI, fig. 822 (OD).

INCLUDED (SUB)SPECIES:

- rebillyi* - COLLIGNON, 1962a, p. 20, pl. CLXXXI, fig. 822 (HT by OD)

²⁰ In the view of REBOULET (herein) *Himantoceras lessinianum* is a synonym of *Himantoceras trinodosum*. He regards the difference in ornament not important enough to create a new species. KLEIN (herein) prefers to keep this as a separated species. He thinks that it could be an intermediate form between *Rodighieroites cardulus* and *Himantoceras trinodosum*.

***Eocrioceratites rebillyi* (COLLIGNON, 1962)**

- *1962a *Protancyloceras rebillyi* - COLLIGNON, p. 20, pl. CLXXXI, fig. 822
1973 "*Protancyloceras*" *rebillyi* - WIEDMANN, p. 312
1996 *Eocrioceratites rebillyi* - WRIGHT et al., p. 211, fig. 163: 3a, 3b (=COLLIGNON, 1962a, pl. CLXXXI, fig. 822)

***Umgazanicerias* KLINGER & KENNEDY, 1979**
(1979, p. 12)

TYPE SPECIES: *Umgazanicerias thieuloyi* KLINGER & KENNEDY, 1979, p. 12, fig. 1A, 1B, 1C (OD).
INCLUDED(SUB)SPECIES:

thieuloyi - KLINGER & KENNEDY, 1979, p. 12, fig. 1A, 1B, 1C (HT by OD)

***Umgazanicerias thieuloyi* KLINGER & KENNEDY, 1979**

- ?1977 *Bochianites?* sp. - PLOSKIEWICZ & RAMOS, p. 212
*1979 *Umgazanicerias thieuloyi* - KLINGER & KENNEDY, p. 12, fig. 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, 1J, 1K, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 2K, 2L, 3A, 3B, 3C, 3D, 4, 5
?1981 *Umgazanicerias* sp. - NULLO, PROSERPIO & BLASCO DE NULLO, p. 375 (=PLOSKIEWICZ & RAMOS, 1977, p. 212)
1983 *Umgazanicerias thieuloyi* - COOPER, p. 63, fig. 1A, 1B, 1C, 1D
1996 *Umgazanicerias thieuloyi* - WRIGHT et al., fig. 162: 2a, 2b, 2c, 2d (=KLINGER & KENNEDY, 1979, fig. 1A, 1B, 1C, fig. 4)

Crioceratites LÉVEILLÉ, 1837

(1837, p. 313)

(=***Crioceras*** D'ORBIGNY, 1842, p. 457 unjustified emendation)

TYPE SPECIES: *Crioceratites Duvalii* LÉVEILLÉ, 1837; SD DIENER, 1925, p. 192.

INCLUDED (SUB)SPECIES:

<i>anglesensis</i> -	SARKAR, 1955, p. 71, pl. V, fig. 3 (HT by MT)
<i>anglesensis</i> non Sarkar -	THOMEL, 1965a, p. 26, pl. III, fig. 4, text-fig. 2 (HT by MT)
<i>angulatus</i> -	TORCAPEL, 1884, p. 141, pl. IX (HT by MT) (nomen dubium)
<i>angulicostatus</i> -	D'ORBIGNY, 1841, p. 146, pl. 46, fig. 3, 4 (HT by MT)
<i>arci</i> -	DIMITROVA, 1967, p. 43, pl. XVI, fig. 4 (HT by OD)
<i>arkelli</i> -	SARKAR, 1955, p. 69, pl. III, fig. 9 (HT by MT)
<i>baylei</i> -	SARKAR, 1955, p. 36 (LT requested)
<i>barrabei</i> -	SARKAR, 1955, p. 64, pl. V, fig. 19 (HT by MT)
<i>bispinatus</i> -	REYNÈS, 1876, p. 104 (LT requested) (nomen dubium) ²¹
<i>bituberculatus</i> -	D'ORBIGNY, 1842, p. 476 (nomen dubium) ²²
<i>coniferus</i> -	BUSNARDO in BUSNARDO et al., 2003, p. 61, pl. IV, fig. 3, 6 (HT by OD)
<i>curnieri</i> -	ROPOLO, 1992, p. 65, pl. 1A (HT by OD)
<i>?delessei</i> -	REYNÈS, 1876, p. 104 (HT by MT)
<i>durgaae</i> -	SARKAR, 1955, p. 73, pl. V, fig. 15 (HT by MT)
<i>duvalii</i> -	LÉVEILLÉ, 1837, p. 313, pl. XXII, fig. 1a, 1b (HT by MT) (neotype SARKAR, 1955, pl. I, fig. 3 designated by BUSNARDO, 2003) ²³
<i>duvalii kiliani</i> -	ERISTAVI, 1957, p. 73, pl. IV, fig. 1 (HT by MT)
<i>duvalii sarasini</i> -	SARKAR, 1955, p. 36 (HT by OD SARASIN & SCHÖNDELMAYER, 1902, pl. XII, fig. 1)
<i>duvalii undulatus</i> -	KARSTEN, 1858, p. 102, pl. I, fig. 3 (HT by MT)
<i>gagarini</i> -	DIMITROVA, 1967, p. 41, pl. XVII, fig. 4 (HT by OD)
<i>heterocostatus</i> -	MANDOV, 1976b, p. 57, pl. V, fig. 1 (HT by OD)
<i>hildiensisiformis</i> -	ROCH, 1930, p. 316 (LT requested)
<i>inermis</i> -	SARKAR, 1955, p. 64 (HT by OD) ²⁴
<i>irregularis</i> -	DIMITROVA, 1967, p. 49, pl. XVI, fig. 3 (HT by OD)
<i>karakaschi</i> -	SARKAR, 1955, p. 48, pl. IV, fig. 13, text-fig. 8A (HT by MT)
<i>koechliniformis</i> -	SARKAR, 1955, p. 147 (LT requested)
<i>krenkeli</i> -	SARKAR, 1955, p. 37, pl. V, fig. 5, text-fig. 4C (LT designated by IMMEL, 1978, p. 45)
<i>lorioli</i> -	MATHERON, 1880, pl. C-24, fig. 3a, 3b (HT by MT)
<i>loryi</i> -	SARKAR, 1955, p. 40, pl. V, fig. 2, text-fig. 5B (LT designated by IMMEL, 1978, p. 43)

²¹ The three syntypes are in the view of SARKAR, 1955 two specimens of *Crioceratites duvalii* and one specimen of *Balearites* sp.

²² SARKAR, 1955 could not find a specimen in the collection of d'Orbigny. BUSNARDO in GAUTHIER, 2006 could not find specimens in the collections of Emeric and Puzos. It is probably a specimen of *Crioceratites villiersianus*.

²³ In the view of VERMEULEN, 2006, p. 145 this neotype does not fit the description and figuration of LÉVEILLÉ.

²⁴ The type is the specimen of Angles that SARKAR studied in the Longchamp Museum in Marseille. He did not picture that specimen.

<i>mandovi</i> -	AVRAM, 1995, p. 118 (new name for <i>Crioceratites villiersianum bituberculatus</i> MANDOV, 1976b)
<i>matsumotoi</i> -	SARKAR, 1955, p. 74, pl. III, fig. 2 (HT by OD)
<i>?monotuberculatus</i> -	AVRAM, 2002b, p. 66, pl. I, fig. 6 (nomen nudum) ²⁵
<i>monsalsvensis</i> -	ETAYO-SERNA, 1968, p. 66, text-fig. 3A (lapsus calami for <i>Crioceratites (Pseudothurmannia) portarum</i>)
<i>?mundum</i> -	RENNGARTEN, 1951, p. 51 (nomen nudum)
<i>panescorsii</i> -	ASTIER, 1851, p. 445, pl. XVII, fig. 3 (LT designated by SARKAR, 1955, p. 54) (nomen dubium)
<i>piveteaui</i> -	SARKAR, 1955, p. 41, pl. IV, fig. 12, text-fig. 5C (HT by MT)
<i>?portarum</i> -	ETAYO-SERNA, 1968, p. 57, pl. III, fig. 3 (HT by OD)
<i>primitivus</i> -	REBOULET, 1996, p. 175, pl. 24, fig. 3 (HT by OD)
<i>ramkrishnai</i> -	SARKAR, 1955, p. 38, pl. I, fig. 1, text-fig. 4D (HT by MT)
<i>rodighieri</i> -	DIMITROVA, 1967, p. 40, pl. XVIII, fig. 4 (HT by OD)
<i>sahnii</i> -	SARKAR, 1955, p. 56, pl. VIII, fig. 16 (HT by MT)
<i>schindewolfi</i> -	SARKAR, 1955, p. 43, pl. I, fig. 9, text-fig. 6B (LT designated herein) ²⁶
<i>shibae</i> -	SARKAR, 1955, p. 69, pl. V, fig. 12 (HT by MT)
<i>shibaniae</i> -	SARKAR, 1955, p. 49, pl. IV, fig. 9, text-fig. 8E (HT by MT)
<i>sinzowi</i> -	KARAKASCH, 1907, p. 144, pl. XXVIII, fig. 16 (HT by MT)
<i>sornayi</i> -	SARKAR, 1955, p. 50, pl. I, fig. 7, text-fig. 8C (HT by MT)
<i>sornayi densicostatus</i> -	SARKAR, 1955, p. 51, pl. I, fig. 8 (HT by MT)
<i>sornayi tuberculatus</i> -	SARKAR, 1955, p. 51 (LT requested)
<i>stahleckeri</i> -	SARKAR, 1955, p. 43, pl. I, fig. 5, text-fig. 6C (LT designated herein) ²⁷
<i>?tenuilobatus</i> -	VON KOENEN, 1902, p. 249, pl. XVIII, fig. 1, 2, 3 (HT by MT)
<i>viallii</i> -	SARKAR, 1955, p. 44 (LT requested)
<i>villiersianus</i> -	D'ORBIGNY, 1842, p. 462, pl. 114, fig. 1, 2 (HT by MT) (neotype BUSNARDO in GAUTHIER, 2006, pl. 17, fig. 9 designated herein) ²⁸
<i>villiersianus bituberculatus</i> -	SARKAR, 1955, p. 67, pl. III, fig. 8 (HT by MT)
<i>vishnui</i> -	SARKAR, 1955, p. 68 (LT requested)

***Crioceratites anglesensis* (SARKAR, 1955)**

- *1955 *Crioceras anglesensis* - SARKAR, p. 71, pl. V, fig. 3

***Crioceratites anglesensis* THOMEL, 1965**

- *1965a *Crioceratites (Crioceratites) basseae* var. *anglesensis* - THOMEL, p. 26, pl. III, fig. 4, text-fig. 2

²⁵ AVRAM, 2002 did not designate a holotype.

²⁶ The depicted and most complete specimen of the two that SARKAR studied.

²⁷ The best preserved specimen in the Lyon collection.

²⁸ According to BUSNARDO in GAUTHIER, 2006 the holotype is missing. He designated a lectotype not in accordance with the ICZN, that we herein designate as neotype.

- *1841 *Ammonites angulicostatus* - D'ORBIGNY, p. 146, pl. 46, fig. 3, 4
- non1858 *Ammonites angulicostatus* - PICTET & DE LORJOL, p. 23, pl. IV, fig. 3 a, c, d
(=*Pseudothurmannia sarasini*), pl. IV, fig. 3b (=*Pseudothurmannia ohmi*)
- non1860 *Ammonites angulicostatus* - OOSTER, p. 114, pl. 23, fig. 1, 2, 3, 4 (=*Pseudothurmannia pseudomalbosi*)
- non1863 *Ammonites angulicostatus* - PICTET, p. 11, pl. 1 bis, fig. 1a, 1b (=*Pseudothurmannia picteti*), fig. 2a, 2b (=?*Pseudothurmannia picteti*), fig. 3a, 3b (=*Pseudothurmannia seitzii*)
- ?1868 *Ammonites angulicostatus* - VON EICHWALD, p. 1140, Esp. 1281
- non1868 *Ammonites angulicostatus* - WINKLER, p. 5, pl. 1, fig. 7, 7a (=?*Pseudothurmannia mortilleti*)
- non1885 *Acanthoceras angulicostatum* - HERBICH, p. 255, pl. XII, fig. 2 (=*Phyllopachyceras infundibulum*)
- non1889b *Crioceras angulicostatum* - KILIAN, p. 212 (=*PICTET*, 1864, pl. 1 bis, fig. 3a, 3b)
(=*Pseudothurmannia seitzii*)
- non1894 *Crioceras angulicostatum* - NOLAN, pl. X, fig. 3a (=*Binelliceras ibizense*), fig. 3b
(=*Spathicrioceras majoricense*), fig. 3c (=*Spathicrioceras remanei*)
- non1901 *Hoplites angulicostatus* - SARASIN & SCHÖNDELMAYER, p. 81, pl. IX, fig. 8
(=*Pseudothurmannia mortilleti*), pl. X, fig. 3 (=*Pseudothurmannia sarasini*)
- non1905 *Hoplites angulicostatus* - RICHARZ, p. 346, pl. IX, fig. 4
- non1907 *Crioceras angulicostatum* - KARAKASCH, p. 134, pl. XV, fig. 1 (=*Pseudothurmannia pseudomalbosi*), pl. XVI, fig. 4a, 4b (=*Pseudothurmannia ohmi*), pl. XVI, fig. 7a, 7b
(=*Pseudothurmannia catulloi*)
- non1910b *Crioceras angulicostatum* - KILIAN, p. 270 (=*PICTET*, 1864, pl. 1 bis, fig. 3a, 3b)
(=*Pseudothurmannia seitzii*)
- non1919 *Parahoplites angulicostatus* - RODIGHIERO, p. 103(67), pl. XI(IV), fig. 2
(=*Pseudothurmannia ohmi*), pl. XI(IV), fig. 4 (=*Pseudothurmannia sarasini*)
- non1923b *Pseudothurmannia angulicostata* - SPATH, p. 66 (=*Pseudothurmannia picteti*)
- non1938 *Pseudothurmannia angulicostata* - ROMAN, p. 347, pl. XXXIV, fig. 328, 328a (=*PICTET*, 1863, pl. 1 bis, fig. 1a, 1b), fig. 329, 329a (=*PICTET*, 1863, pl. 1 bis, fig. 3a, 3b)
- non1939 *Parahoplites angulicostatus* - RAMACCIONI, p. 65, pl. XIV (V), fig. 13, 14
(=*Pseudothurmannia mortilleti*)
- non1949 *Pseudothurmannia angulicostata* - LUPPOV et al., p. 223, pl. LXIII, fig. 4 (=*KARAKASCH*, 1907, pl. XV, fig. 1) (=*Pseudothurmannia pseudomalbosi*)
- non1949 *Crioceras angulicostatum* - PETKOVIĆ & MILETIĆ, p. 134, pl. II, fig. 11, 12
(=*Colombiceras* sp.)
- 1955 *Pseudothurmannia angulicostata* - SARKAR, p. 152
- non1955 *Pseudothurmannia angulicostata* Hyatt - ERISTAVI, p. 94, pl. III, fig. 7
(=*Pseudothurmannia ohmi*)
- ?1956 *Hoplites (Neocomites) angulicostatus* - ANDELKOVIĆ, p. 143
- 1957 *Pseudothurmannia angulicostata* - ARKELL et al., p. L212, fig. 241: 1a, 1b
(=*D'ORBIGNY*, 1841, pl. 46, fig. 3, 4)
- non1957 *Pseudothurmannia angulicostata* - ALMELA & DE LAREVILLA, pl. XI, fig. 1
- non1957 *Pseudothurmannia angulicostata* var. - ALMELA & DE LA REVILLA, pl. XI, fig. 2, 2a, 2b
(=*Pseudothurmannia belmelensis*)
- ?1958 *Parahoplites angulicostatus* - FÜLOP, pl. VII, fig. 6
- non1958 *Pseudothurmannia angulicostata* - LUPPOV & DRUSHCHITS, pl. XLVI, fig. 5 (=*ERISTAVI*, 1955, pl. III, fig. 7) (=*Pseudothurmannia ohmi*)

²⁹ In the view of VERMEULEN, 2004 this is the type species of the genus *Pseudothurmannia*. He states that this species does not belong to the phylogenetic line of the Crioceratids but must be classified in a different genus. He considers the designation by COMPANY, SANDOVAL & TAVERA, 2003 of *Ammonites angulicostatus* d'Orbigny in PICTET, 1863 as type species of *Pseudothurmannia* as not justified.

- ?1960 *Pseudothurmannia angulicostata* - DRUSHCHITS, p. 288, pl. XXX, fig. 5a, 5b, text-fig. 82
non1961 *Pseudothurmannia angulicostata* - ERISTAVI, p. 97, pl. IV, fig. 4 (= ?*Pseudothurmannia ohmi*)
- 1962a *Crioceratites (Pseudothurmannia) angulicostatus* - WIEDMANN, p. 138
non1962a *Crioceratites (Pseudothurmannia) aff. angulicostatus* - WIEDMANN, p. 138, pl. 10, fig. 1a, 1b (= *Pseudothurmannia catulloi*)
- non1964 *Pseudothurmannia* sp. [ex gr. *P. angulicostata*] - FÜLOP, pl. XVIII, fig. 5
(= *Pseudothurmannia catulloi*), pl. XXVII, fig. 6 (= *Pseudothurmannia ohmi*)
- non1965 *Pseudothurmannia angulicostata* - DIMITROVA, p. 217, pl. 1, fig. 1 (= *Pseudothurmannia catulloi*), pl. 1, fig. 3 (= *Pseudothurmannia ohmi*)
- ?1966 *Pseudothurmannia angulicostata* - FILIPESCU & GRIGORESCU, p. 423, pl. VII, fig. 58, 59
non1967 *Pseudothurmannia angulicostata* - DIMITROVA, p. 72, pl. XXXI, fig. 1
(= *Pseudothurmannia ohmi*)
- non1967 *Crioceratites (Pseudothurmannia) angulicostatus* - BACCCELLE & GARAVELLO, p. 139, pl. III, fig. 2
- non1968 *Pseudothurmannia* sp. ind. gr. *angulicostata* - SORNAY, p. 5, pl. I, fig. 4, 8
(= ?*Pseudothurmannia catulloi*)
- non1969 *Pseudothurmannia angulicostata* - PASTERNAK & LOSYNYAK, p. 42, fig. 4
non1974 *Pseudothurmannia angulicostata* - LAPEYRE, p. 82, pl. 1, fig. 1, 2, 3, 4, 5, 6, 7, 8
(= *Pseudothurmannia ohmi*)
- non1975 *Pseudothurmannia angulicostata* - LESHCHUKH, p. 103, fig. 5, 6
1978 *Crioceratites (Pseudothurmannia) angulicostatus* - IMMEL, p. 69, text-fig. 13c
(= D'ORBIGNY, 1841, pl. 46, fig. 3, 4)
- non1980 *Pseudothurmannia angulicostata* - THOMEL, p. 53, fig. 91 (= LAPEYRE, 1974, fig. 4)
(= *Pseudothurmannia ohmi*)
- non1982 *Pseudothurmannia angulicostata* - LESHCHUKH, p. 103, pl. 5, fig. 7, 8 (= LESHCHUKH, 1975, fig. 5, 6)
- non1988 *Crioceratites (Pseudothurmannia) angulicostatus* - WILKE, p. 20, pl. II, fig. 27
(= ?*Parathurmanni ohmi*)
- non1989 *Pseudothurmannia angulicostata* - VAŠÍČEK, pl. I, fig. 4 (= *Pseudothurmannia* sp.)
non1989 *Pseudothurmannia angulicostata* - AUTRAN, pl. 13, fig. 6 (= *Pseudothurmannia mortilleti*)
non1990 *Pseudothurmannia angulicostata* - THOMEL, pl. VI, fig. 1, 2, 3, 4 (= LAPEYRE, 1974, fig. 2, 1, 3, 4), fig. 5, fig. 6, 7 (= LAPEYRE, 1974, fig. 8, 9) (= *Pseudothurmannia ohmi*), fig. 8, 9, 10, 11, 12 (= ?*Pseudothurmannia picteti*)
- ?1991 *Crioceratites (Pseudothurmannia) cf. angulicostata* - MANTHEY, pl. 1, fig. 9
non1993 *Pseudothurmannia angulicostata* - AUTRAN, pl. 13, fig. 6 (= AUTRAN, 1989, pl. 13, fig. 6)
non1994 *Pseudothurmannia angulicostata* - VAŠÍČEK et al., p. 65, pl. 20, fig. 3 (= VAŠÍČEK, 1989, pl. I, fig. 4) (= *Pseudothurmannia* sp.)
- non1995 *Pseudothurmannia angulicostata* - CECCA & PALLINI, p. 212, pl. 1, fig. 11
(= *Pseudothurmannia ohmi*)
- non1995 *Pseudothurmannia cf. angulicostata* - AVRAM, p. 119, pl. 9, fig. 1a, 1b, 2
(= ?*Pseudothurmannia ohmi*)
- non1995 *Pseudothurmannia (Pseudothurmannia) angulicostata* - VAŠÍČEK, p. 176, pl. 5, fig. 2
(= VAŠÍČEK, 1989, pl. I, fig. 4) (= *Pseudothurmannia* sp.)
- non1995 *Pseudothurmannia angulicostata* - CECCA et al., p. 198, pl. 1, fig. 2 (= CECCA & PALLINI, 1995, pl. 1, fig. 11)
- 1995 *Crioceratites angulicostatus* - HOEDEMAEKER, p. 232, pl. 4, fig. 5a, 5b, 5c (= D'ORBIGNY, 1841, p. 146, pl. 46, fig. 3, 4)
- non1995 *Pseudothurmannia angulicostata* Auct. - FARAONI et al., pl. 2, fig. 11
(= ?*Pseudothurmannia ohmi*)
- non1996 *Pseudothurmannia angulicostata* - WRIGHT et al., p. 214, fig. 163, fig. 4a, 4b (= LAPEYRE, 1974, pl. 1, fig. 5, 6) (= *Pseudothurmannia ohmi*)
- 2002 *Pseudothurmannia angulicostata* - VERMEULEN et al., pl. 2, fig. 2 (= D'ORBIGNY, 1841, p. 146, pl. 46, fig. 3, 4)

- non2002 *Spathicroceras angulicostatum* - VERMEULEN et al., p. 73, pl. 1, fig. 1
(=*Pseudothurmannia seitzii*)
- non2002 *Spathicroceras* aff. *angulicostatum* - VERMEULEN et al., pl. 2, fig. 3 (=*Pseudothurmannia seitzii*)
- non2003 *Pseudothurmannia angulicostata* - BUSNARDO et al., p. 67, pl. XXIX, fig. 6 (=*PICTET*, pl. I bis, fig. 3a, 3b) (=*Pseudothurmannia seitzii*)
- 2003a *Pseudothurmannia angulicostata* - VERMEULEN, pl. 57, fig. 3 (=*VERMEULEN* et al., 2002, pl. 2, fig. 2) (=D'ORBIGNY, 1841, p. 146, pl. 46, fig. 3, 4)
- 2003 *Crioceratites angulicostatus* - COMPANY et al., fig. 5:9, 5:10
- 2003 *Pseudothurmannia angulicostata* - BUSNARDO et al., p. 66, pl. XXIX, fig. 2, 3
(=D'ORBIGNY, 1841, pl. 46, fig. 3, 4), ?pl. XIV, fig. 3, ?pl. XXXI, fig. 1
- 2004 *Crioceratites angulicostatus* - VERMEULEN, pl. 1, fig. 2 (=D'ORBIGNY, 1841, p. 146, pl. 46, fig. 3, 4)
- 2005 *Crioceratites angulicostatus* - COMPANY et al., fig. 4C (=*COMPANY* et al., 2003, fig. 5:9)
- 2006 *Pseudothurmannia angulicostata* - BUSNARDO & GAUTHIER in GAUTHIER, p.50, pl. 16, fig. 5a, 5b, text-fig. 29a, 29b (=D'ORBIGNY, 1841, p. 146, pl. 46, fig. 3, 4)

***Crioceratites arkelli* (SARKAR, 1955)**

- *1955 *Crioceras arkelli* - SARKAR, p. 69, pl. III, fig. 9

***Crioceratites barrabei* (SARKAR, 1955)**

- *1955 *Crioceras barrabei* - SARKAR, p. 64, pl. V, fig. 19
- non1965 *Crioceratites* (*Crioceratites*) *barrabei* - THOMEL, p. 27, pl. IV, fig. 1 (=*Crioceratites loryi*)

***Crioceratites bispinatus* (REYNÈS, 1876)**

- *1876 *Ancyloceras bispinatus* - REYNÈS, p. 104
- 1955 *Ancyloceras bispinatum* - SARKAR, p. 164

***Crioceratites bituberculatus* (D'ORBIGNY, 1842)**

- *1842 *Toxoceras bituberculatus* - D'ORBIGNY, p. 476, pl. 116, fig. 8, 9, 10, 11
- 1850 *Toxoceras bituberculatus* - D'ORBIGNY, p. 66, n° 61
- 1852 *Toxoceras bituberculatus* - GIEBEL, p. 289
- 1854 *Toxoceras bituberculatus* - PICTET, p. 706, pl. LV, fig. 12 (=D'ORBIGNY, 1842, pl. 116, fig. 8)
- 1861 *Toxoceras bituberculatus* - PICTET & CAMPICHE, p. 55
- 1902 *Toxoceras bituberculatus* - SARASIN & SCHÖNDELMAYER, p. 96
- ?1907 *Toxoceras Sinzowi* - KARAKASCH, p. 144, pl. XXVIII, fig. 16
- 1910b *Crioceras* (*Toxoceras*) *bituberculatum* - KILIAN, p. 247, 270
- 1955 «*Toxoceras*» *bituberculatum* - SARKAR, p. 68
- 1972 *Crioceratites* (*Crioceratites* ?) *bituberculatus* - THIEULOY, p. 47
- 2006 *Crioceratites bituberculatus* - BUSNARDO in GAUTHIER, p. 140

***Crioceratites coniferus* BUSNARDO, 2003**

- ?1981 *Crioceratites*? spp. - KEMPER et al., p. 264, pl. 34, fig. 16, 17
- ?1988 "*Crioceratites*?" sp. b. - QUENSEL, p. 21, pl. II.1/3, fig. 1
- ?1988 "*Crioceratites*" sp. c - QUENSEL, p. 21, pl. II.1/3, fig. 4, 5
- ?1992 *Crioceratites* n. sp. - KEMPER, pl. 29, fig. 2a, 2b (=*KEMPER* et al., 1981, pl. 34, fig. 16, 17)
- ?1996 *Crioceratites coniferus* l - REBOULET, p. 177, pl. 23, fig. 1, 2, 4, pl. 24, fig. 7
- *2003 *Crioceratites coniferus* - BUSNARDO et al., p. 61, pl. IV, fig. 3, 6
- 2004 *Crioceratites* n. sp. aff. *Crioceratites* n. sp. l - ETTACHFINI, p. 161, pl. 27, fig. 1

***Crioceratites curnieri* ROPOL, 1992**

- *1992 *Crioceratites curnieri* - ROPOL, p. 65, pl. 1A, 1B, 2A, 2B, 3A
- 1992 *Subaspinoceras* sp. - ROPOL, pl. 3B, 3C
- 1992 *Crioceratites curnieri* - ROPOL & SALOMON, p. 196, pl. 4, fig. 1, fig. 2 (=ROPOL, 1992, pl. 1A), fig. 3, 4, 5, 6, 7, text-fig. 1A, 1B, 1C, 1D
- non1993 *Crioceratites curnieri* - BULOT et al., p. 42
- 1995 *Crioceratites (Crioceratites) curnieri* - ROPOL, p. 146, pl. 3, fig. 1, 2, fig. 3 (=ROPOL, 1992, pl. 3C)
- 1995 *Crioceratites curnieri* - BULOT, pl. 21, fig. 8, 11
- 1998 *Crioceratites curnieri* - ROPOL et al., fig. I, J, K

***Crioceratites? delessei* (REYNÈS, 1876)**

- *1876 *Ancyloceras Delessei* - REYNÈS, p. 104
- 1955 «*Ancyloceras*» *delessei* - SARKAR, p. 73

***Crioceratites durgaee* (SARKAR, 1955)**

- *1955 *Crioceras durgaee* - SARKAR, p. 73, pl. V, fig. 15

***Crioceratites duvalii* LÉVEILLÉ, 1837**

- *1837 *Crioceratites Duvalii* - LÉVEILLÉ, p. 313, pl. XXII, fig. 1a, 1b
- non1841 *Crioceras Duvalii* - D'ORBIGNY, p. 459, pl. 113, fig. 1, 2, 3, 4 (=Davouxiceras nolani)
- ?1848 *Crioceras Duvalii* - CATULLO, p. 334, pl. X, fig. 2
- non1848 *Crioceras Duvalii* - VON QUENSTEDT, p. 279, pl. 20, fig. 13a, 13b, 13c (=Spathicrioceras quenstedtii)
- non1850 *Crioceras Duvalii* - D'ORBIGNY, p. 65, n° 55
- 1851 *Ancyloceras Duvalii* - ASTIER, p. 440
- non1851 *Crioceras Duvalii* - BAYLE & COQUAND, p. 34, pl. III, fig. 1, 2, 3, 4
- non1852 *Crioceras Duvali* - BRONN, p. 325, pl. XXXII, fig. 14a, 14b, 14c (=D'ORBIGNY, 1841, pl. 113, fig. 1, 2, 4) (=Davouxiceras nolani)
- 1852 *Crioceras Duvali* - GIEBEL, p. 342
- 1858 *Crioceras Duvalii* var. *undulata* - KARSTEN, p. 102, pl. I, fig. 3
- non1861 *Ancyloceras Duvalii* - PICTET & CAMPICHE, p. 37, pl. 47bis, fig. 1, 2 (=Davouxiceras nolani)
- non1863 *Crioceras Duvalii* - PICTET, p. 9, pl. 1, fig. 2 (=Davouxiceras nolani)
- ?1868 *Crioceras Duvalii* - VON EICHWALD, p. 1158
- non1876 *Ancyloceras Duvali* - REYNÈS, p. 104 (=Davouxiceras nolani)
- 1878 *Crioceras Duvali* - BAYLE & ZEILER, pl. XCVII, fig. 1
- 1882b *Crioceras Duvali* - UHLIG, p. 390
- ?1884 *Ancyloceras angulatum* - TORCAPEL, p. 141, pl. IX
- 1886 *Crioceras Duvalii* - TRAUTSCHOLD, p. 144
- 1886 *Crioceras Duvalii* var. *undulata* - KARSTEN, p. 29, pl. I, fig. 3 (=KARSTEN, 1858, pl. I, fig. 3)
- 1887 *Ancyloceras Duvalii* - MALLADA, p. 36
- 1888 *Crioceras Duvalianum* - UHLIG, p. 71
- non1888 *Crioceras Duvali* - VON GÜMBEL, pl. 439, fig. 7 (=D'ORBIGNY, 1841, pl. 113, fig. 1) (=Davouxiceras nolani)
- non1888 *Crioceras Duvalii* - HERBICH, p. 227, pl. XVI, fig. 4 (=Crioceratites sp.)
- 1894 *Crioceras Duvali* - NOLAN, p. 190
- non1898 *Crioceras Duvalii* - SIMIONESCU, p. 142

- ?1900 *Crioceras angulatum* - SIMIONESCU, p. 516
1900 *Crioceras Duvali* - SIMIONESCU, p. 517
1902 *Crioceras Duvali* - SARASIN & SCHÖNDELMAYER, p. 105, pl. XII, fig. 1
1905 *Crioceras Duvalii* - RICHARZ, p. 347
1910b *Crioceras Duvali* - KILIAN, p. 269
?1910b *Crioceras angulatum* - KILIAN, p. 271
1913 *Crioceras* aff. *Duvali* - ZWIERZYCKI, p. 76, pl. X, fig. 2, text-fig. 37
?1914 *Crioceras angulatum* - KILIAN & REBOUL, p. 274
1919 *Crioceras Duvalii* - RODIGHIERO, p. 110, pl. XII, fig. 4 (=DE ZIGNO, 1845, pl. 1, fig. 1A), non fig. 6, non fig. 11 (=Crioceratites villiersianus)
1934 *Crioceras Duvalii* - STEFANOV, p. 220, pl. VIII, fig. 1, 3, 4, 5
?1936c *Crioceratites* sp. gr. *Duvalii* - BREISTROFFER, p. 145
1938 *Crioceras Duvali* - PAINVIN, pl. XXVII (=BAYLE & ZEILER, 1878, pl. XCVII, fig. 1)
1938 *Crioceras Duvali* - ROMAN, p. 352, pl. XXXV: 332 (=BAYLE & ZEILER, 1878, pl. XCVII, fig. 1)
non1938 *Crioceras Duvali* - ROMAN, text-fig. 332 (=D'ORBIGNY, 1841, pl. 113, fig. 4) (=Davouxiceras nolani)
non1942 *Crioceras Duvali* - DACQUÉ, pl. VIII, 3, 3a (=D'ORBIGNY, 1841, pl. 113, fig. 1, 2) (=Davouxiceras nolani)
?1949 *Crioceras duvali* - LUPPOV et al., p. 249, pl. LXXVI, fig. 2
?1951 *Crioceras duvali* - PETKOVIĆ & MARKOVIĆ, p. 32, pl. V, fig. 1, 2, 3, 4, 5
1952 *Crioceratites duvali* - BASSE, p. 608, pl. III, fig. 12 (=BAYLE & ZEILER, 1878, pl. XCVII, fig. 1)
?1952 *Crioceratites duvali* - LUPPOV, p. 222, pl. XIV, fig. 3 (=LUPPOV et al., 1949, pl. LXXVI, fig. 2)
?1952 *Crioceratites* sp. ind. (cf. *duvali*) - LUPPOV, p. 224, pl. XIV, fig. 2
?1953 *Crioceras duvali* - VESELINOVIĆ, p. 91, pl. III, fig. 1
1955 *Crioceras duvali* - SARKAR, p. 33, pl. I, fig. 3, pl. VII, fig. 4
1955 *Crioceras duvalli* var. *sarasini* - SARKAR, p. 36
1955 *Crioceras* cf. *duvali* (forme n° 1) - SARKAR, p. 36, pl. V, fig. 6, text-fig. 4A
1955 *Crioceras baylei* - SARKAR, p. 36, text-fig. 4B (=BAYLE & ZEILER, 1878, pl. XCVII, fig. 1)
?1955 *Crioceras angulatum* - SARKAR, p. 52
1955 *Crioceras vishmui* - SARKAR, p. 68, pl. III, fig. 5
1957 *Crioceratites duvali* var. *Kiliani* - ERISTAVI, p. 73, pl. IV, fig. 1
1958 *Crioceratites duvali* - FÜLOP, pl. VII, fig. 8
?1960 *Crioceratites duvalii* - DRUSHCHITS, p. 289, pl. XXXI, fig. 1
1962b *Crioceratites duvali* - MANOLOV, p. 99, fig. 2: 1
?1964 *Crioceratites duvali* - FÜLOP, pl. XXVII, fig. 4
1965 *Crioceratites (Crioceratites) duvali* - THIEULOY, fig. 3: 4
1965a *Crioceratites (Crioceratites) duvali* - THOMEL, p. 10, pl. I, fig. 2
1965a *Crioceratites (Crioceratites)* cf. *duvali* - THOMEL, pl. I, fig. 1
1966 *Crioceratites duvalii* - KALENICHENKO & KRUGLOV, p. 66, pl. I, fig. 5a, 5b
1967 *Crioceratites (Crioceratites) duvalii* - NAGY, p. 69, pl. IV, fig. 1, pl. V, fig. 1
?1976 *Crioceras* sp. ex gr. *C. duvali* - PATRULIUS & AVRAM, p. 166, pl. II, fig. 7
non1978 *Crioceratites (Crioceratites) duvali* - IMMEL, p. 36, text-fig. 3b (=D'ORBIGNY, 1842, pl. 114, fig. 1) (=Crioceratites villiersianus)
1979 *Crioceras duvali* - GÈZE, pl. VI, fig. 8
1980 *Crioceratites duvali* - THOMEL, p. 46, fig. 79, 81 (=LÉVEILLÉ, 1837, pl. XXII, fig. 1a)
1981 *Crioceratites duvali* - MÜLLER, fig. 400 (=BAYLE & ZEILER, 1878, pl. XCVII, fig. 1)
1981 *Crioceratites duvali* - KAKABADZE, p. 86, pl. XIX, fig. 1
?1981 *Crioceratites duvali* - KEMPER et al., p. 262, pl. 34, fig. 3, 4
1983 *Crioceratites (Crioceratites) duvali* - VAŠÍČEK et al., pl. 1, fig. 9
1985 *Crioceratites* cf. *duvali* - MISZLIVECZ, p. 155, pl. III, fig. 2
1986 *Crioceratites (Crioceratites) duvali* - VAŠÍČEK & MICHALÍK, p. 458, pl. I, fig. 3 (=VAŠÍČEK et al., 1983, pl. 1, fig. 9)

- 1988 *Crioceratites (Crioceratites) duvali* - WILKE, p. 18, pl. III, fig. 2
 ?1988 *Crioceratites duvali* - KHALILOV, p. 354, pl. XI, fig. 7
 1989 *Crioceratites duvali* - AUTRAN, pl. 13, fig. 7
 1990 *Crioceratites duvali* - THOMEL, pl. I, fig. 2, 3
 1992 *Crioceratites duvali* - KEMPER, pl. 57, fig. 1a, 1b, 7
 1992 *Crioceratites ex gr. duvali* - KEMPER, pl. 57, fig. 6
 1993 *Crioceratites duvali* - AUTRAN, pl. 13, fig. 7 (=AUTRAN, 1989, pl. 13, fig. 7)
 1995 *Crioceratites (Crioceratites) duvali* - ROPOLO, p. 147, pl. 4, fig. 1, 2, 3
 1995 *Crioceratites gr. duvali-villiersianus* - CECCA & PALLINI, pl. 1, fig. 15
 1995 *Crioceratites cf. duvali sarasini* - AVRAM, p. 118, pl. 5, pl. 4
 1995 *Crioceratites gr. duvalii* - CECCA et al., p. 192, pl. 1, fig. 7
 1995 *Crioceratites gr. duvalii/villiersianus* - CECCA et al., p. 192, pl. 1, fig. 8 (=CECCA & PALLINI, pl. 1, fig. 15)
 1995 *Crioceratites duvali* - FARAONI et al., p. 230, pl. 2, fig. 3
 1995 *Crioceratites ex gr. duvali* - MUTTERLOSE & WIEDENROTH, pl. 3, fig. 2
 1996 *Crioceratites ex gr. duvali* - MUTTERLOSE & WIEDENROTH, pl. 2, fig. 3 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 3, fig. 2)
 1997 *Crioceratites ex gr. duvali* - MUTTERLOSE et al., p. 104, fig. 70: 1 (=MUTTERLOSE & WIEDENROTH, 1995, pl. 3, fig. 2)
 1998 *Crioceratites duvali* - MUTTERLOSE et al., p. 89, fig. 49: 4, 49: 5
 ?1998 *Crioceratites (Crioceratites) cf. villiersianus* - HOWARTH, p. 98, pl. 23, fig. 2a, 2b
 2000b *Crioceratites Duvalii* - DELANOY et al., p. 15, text-fig. p. 14 (=LÉVEILLÉ, 1837, pl. XXII, fig. 1a, 1b)
 non2003 *Crioceratites duvali* - BUSNARDO et al., p. 61, pl. XXVIII, fig. 1 (=SARKAR, 1955, pl. I, fig. 3)
 ?2003 *Crioceratites gr. duvali* - BUSNARDO et al., p. 61, pl. IV, fig. 7, non pl. V, fig. 11, non pl. IX, fig. 1
 2005 *Crioceratites gr. duvali* - ARNAUD-VANNEAU et al., p. 98, fig. 40: 1
 2005 *Crioceratites duvali* - I. KAKABADZE in KOTETISHVILI et al., p. 347, pl. 71, fig. 2
 2006 *Crioceratites duvali* - FÖZY & JANSSEN, p. 48, fig. 3G

***Crioceratites gagarini* DIMITROVA, 1967**

- *1967 *Crioceratites gagarini* - DIMITROVA, p. 41, pl. XVII, fig. 4

***Crioceratites heterocostatus* MANDOV, 1976³⁰**

- *1976b *Crioceratites (Crioceratites) majoricensis heterocostatus* - MANDOV, p. 57, pl. V, fig. 1, 3
 ?1977 *Criosarasinella heterocostata* - THIEULOUY, p. 111, pl. 5, fig. 8 (= ?*Criosarasinella subheterocostata*)
 1983 *Criosarasinella heterocostata* - VAŠÍČEK et al., p. 474, pl. 1, fig. 5
 1986 *Criosarasinella heterocostata* - VAŠÍČEK & MICHALÍK, p. 469, pl. IV, fig. 3 (=VAŠÍČEK et al., 1983, pl. 1, fig. 5)
 1993 *Criosarasinella heterocostata* - AVRAM & GRĂDINARU, p. 680, pl. 2, fig. 7, pl. 6, fig. 5a, 5b
 1995 *Criosarasinella heterocostata* - VAŠÍČEK, pl. 2, fig. 2 (=VAŠÍČEK et al., 1983, pl. 1, fig. 5)
 ?2001 *Criosarasinella heterocostata* - WIPPICH, p. 104, pl. 35, fig. 2
 2005 *Crioceratites heterocostatus* - VAŠÍČEK, p. 251, fig. 3.6, 4.5

³⁰ KLEIN, 2005 considered this as a *Criosarasinella*, but we agree with VAŠÍČEK, 2005, p. 249 that the shells of this species are distinctly criocone. So we range *Criosarasinella heterocostata* in the genus *Crioceratites*. COMPANY (herein) has the opinion that this species and its junior synonym *primitivus* must be included in *Criosarasinella*.

***Crioceratites hildiensiiformis* (ROCH, 1930)**

- *1930 *Crioceras hildiensiiforme* - ROCH, p. 316, pl. XVI, fig. 1, 2, text-fig. legend pl. XVI
?1930 *Crioceras Strombecki* - ROCH, p. 316, pl. XVII, fig. 1
1955 *Crioceras hildiensiiforme* - SARKAR, p. 55, 57

***Crioceratites inermis* (SARKAR, 1955)**

- *1955 *Crioceras inermis* - SARKAR, p. 64, pl. III, fig. 6, pl. V, fig. 8

***Crioceratites irregularis* DIMITROVA, 1967**

- *1967 *Crioceratites irregularis* - DIMITROVA, p. 49, pl. XVI, fig. 3

***Crioceratites krenkeli* (SARKAR, 1955)**

- *1955 *Crioceras krenkeli* - SARKAR, p. 37, pl. V, fig. 5, text-fig. 4C
1965a *Crioceratites (Crioceratites) krenkeli* - THOMEL, p. 23, pl. II, fig. 2, 3
1978 *Crioceratites (Crioceratites) krenkeli* - IMMEL, p. 45, fig. 5c (=THOMEL, pl. II, fig. 2)
1982 *Crioceratites (Crioceratites) krenkeli* - BRAGA et al., p. 684, pl. 1, fig. 3
1983 *Crioceratites (Crioceratites) quenstedti* - ADAMÍKOVÁ et al., p. 604, pl. 1, fig. 2
non1989 *Binelliceras krenkeli* - AUTRAN, pl. 13, fig. 13 (=Crioceratites binelli)
non1993 *Binelliceras krenkeli* - AUTRAN, pl. 13, fig. 13 (=AUTRAN, 1989, pl. 13, fig. 13)
1995 *Crioceratites «krenkeli»* Braga et al., non Sarkar - HOEDEMAEKER, p. 234, pl. 4, fig. 1, 2, 3, 4
1995 *Crioceratites krenkeli* - HOEDEMAEKER, p. 235, pl. 7, fig. 4, 5, 6
2003a *Crioceratites krenkeli* - LUKENEDER, pl. 4, fig. 3, 4
2003 *Crioceratites krenkeli* - COMPANY et al., fig. 5: 6, 5: 7, 5: 8
2004 *Crioceratites krenkeli* - ETTACHFINI, p. 163, pl. 27, fig. 5, 6, 7, pl. 28, fig. 1
2006 *Crioceratites krenkeli* - FÖZY & JANSSEN, p. 48, fig. 3F
2006 *Crioceratites krenkeli* - LUKENEDER & ASPMAIR, p. 60, pl. 5, fig. 5, 6, 7, 8

***Crioceratites lorioli* (MATHERON, 1880)**

- *1880 *Ancylloceras lorioli* Coquand in coll. - MATHERON, pl. C-24, fig. 3a, 3b
1902 *Crioceras Lorioli* - SARASIN & SCHÖNDELMAYER, p. 100
1910b *Crioceras Lorioli* - KILIAN, p. 271
1955 *Crioceras lorioli* Coquand in coll. Matheron sp. - SARKAR, p. 39

***Crioceratites loryi* (SARKAR, 1955)**

- 1863 *Crioceras Villiersianum* - SCHÄFHAUTL, p. 421, pl. LXXVII, fig. 4a, 4b
*1955 *Crioceras loryi* - SARKAR, p. 40, pl. V, fig. 2, text-fig. 5B
1955 *Balearites tuberculatus* - SARKAR, p. 146, pl. XI, fig. 3, text-fig. 22E
1955 *Balearites cf. tuberculatus* - SARKAR, p. 146, pl. XI, fig. 15, text-fig. 22F
1955 *Balearites koechliniformis* - SARKAR, p. 147, pl. X, fig. 7, text-fig. 23B
?1955 *Balearites cf. balearis* (forme n° 1) - SARKAR, p. 142, pl. VI, fig. 14, text-fig. 21A
1965a *Crioceratites (Crioceratites) duvali loryi* - THOMEL, p. 12
1965a *Crioceratites (Crioceratites) barrabei* - THOMEL, p. 27, pl. IV, fig. 1
1967 *Crioceratites arci* - DIMITROVA, p. 43, pl. XVI, fig. 4
1972 *Crioceratites (Crioceratites) loryi* - THIEULOY, p. 41, pl. 5, fig. 1, 2, 3, 4, 5, text-fig. 4q, 4r, 4s, 4t
1976b *Crioceratites (Crioceratites) loryi* - MANDOV, p. 55, pl. III, fig. 3, 4
1976b *Crioceratites (Crioceratites) matsumotoi* - MANDOV, p. 59, pl. VI, fig. 3, non fig. 1, 2
(=?*Spathicrioceras quenstedti*)

- 1978 *Crioceratites (Crioceratites) loryi* - IMMEL, p. 42, pl. 1, fig. 4, pl. 4, fig. 2, text-fig. 5a
 1979 *Crioceratites (Crioceratites) loryi* - IMMEL, p. 137, pl. 1, fig. 3
 1986 *Crioceratites (Crioceratites) loryi* - VAŠÍČEK & MICHALÍK, p. 459, pl. I, fig. 4
 ?1988 *Crioceratites cf. loryi* - LIU, pl. 11, fig. 1a, 1b
 ?1989 *Crioceratites loryi* - AUTRAN, pl. 3, fig. 5, 6
 ?1993 *Crioceratites loryi* - AUTRAN, pl. 3, fig. 5, 6 (=AUTRAN, 1989, pl. 3, fig. 5, 6)
 1995 *Crioceratites loryi* - VAŠÍČEK, p. 174, pl. 2, fig. 6 (=VAŠÍČEK & MICHALÍK, 1986, pl. I, fig. 4)
 1995 *Crioceratites loryi* - ROPOLO, p. 144, pl. 1 fig. 1, 2, 3, 4, pl. 2, fig. 3
 1996 *Crioceratites loryi* - REBOULET, p. 178, pl. 24, fig. 6
 ?1997 *Crioceratites loryi* - VAŠÍČEK, pl. II, fig. 1
 1998 *Crioceratites loryi* - ROPOLO et al., fig. D
 2000 *Crioceratites (Crioceratites) loryi* - VAŠÍČEK & FAUPL, p. 602, pl. IV, fig. 1
 2002b *Crioceratites n. sp. aff. C. loryi* - AVRAM, pl. I, fig. 4
 2003a *Crioceratites loryi* - LUKENEDER, pl. 3, fig. 1

***Crioceratites matsumotoi* (SARKAR, 1955)**

- 1848 *Crioceras Villiersianus* - VON QUENSTEDT, p. 278, pl. 20, fig. 12a, 12b, 12c
 *1955 *Crioceras matsumotoi* - SARKAR, p. 74, pl. III, fig. 2
 1962a *Crioceratites (Crioceratites) matsumotoi* - WIEDMANN, p. 126, pl. 8, fig. 2a, 2b, text-fig. 36 (=VON QUENSTEDT, 1848, pl. 20, fig. 12a)
 1962b *Crioceratites (Crioceratites) matsumotoi* - WIEDMANN, pl. 8, fig. 2a, 2b (=WIEDMANN, 1962a, pl. 8, fig. 2a, 2b)
 1965a *Crioceratites (Crioceratites) krishnae* - THOMEL, pl. I, fig. 4, 5
 1965a *Crioceratites (Crioceratites) matsumotoi* - THOMEL, p. 14
 1967 *Crioceratites rodighieri* - DIMITROVA, p. 40, pl. XVIII, fig. 4
 1967 *Crioceratites matsumotoi* - DIMITROVA, p. 41, pl. XVII, fig. 3
 non1976b *Crioceratites (Crioceratites) matsumotoi* - MANDOV, p. 59, pl. VI, fig. 1, 2
 (= ?*Spathicrioceras quenstedtii*), fig. 3 (= *Crioceratites loryi*)
 1976b *Crioceratites (Crioceratites) rodighieri* - MANDOV, p. 60, pl. VI, fig. 5, 6
 1976b *Crioceratites (Crioceratites) villiersianum bituberculatum* - MANDOV, p. 61, pl. VI, fig. 4
 1978 *Crioceratites (Crioceratites) matsumotoi* - IMMEL, p. 37, pl. 2, fig. 5, 6
 1981 *Crioceratites matsumotoi* - KAKABADZE, p. 86, pl. I, fig. 5
 1983 *Crioceratites (Crioceratites) matsumotoi* - ADAMÍKOVÁ et al., p. 606, pl. 2, fig. 1
 1988 *Crioceratites (Crioceratites) cf. matsumotoi* - WILKE, p. 19, pl. II, fig. 26
 1993 *Crioceratites matsumotoi* - BULOT et al., table. X, XIII, XIV
 1994 *Crioceratites (Crioceratites) cf. matsumotoi* - MARTÍNEZ et al., p. 346, pl. 1, fig. 5
 1995 *Crioceratites (Crioceratites) matsumotoi* - ROPOLO, p. 145, pl. 2, fig. 1, 2
 1995 *Crioceratites matsumotoi* - FARAONI et al., p. 230, pl. 2, fig. 1
 1995 *Crioceratites matsumotoi* - AVRAM, p. 118, pl. 5, fig. 6, 7
 1995 *Crioceratites mandovi* - AVRAM, p. 118, pl. 6, fig. 5
 1995 *Crioceratites aff. matsumotoi* - AVRAM, p. 119, pl. 5, fig. 8, 9
 2002b *Crioceratites matsumotoi* - AVRAM, pl. I, fig. 5
 2004 *Crioceratites matsumotoi* - ETTACHFINI, p. 162, pl. 27, fig. 2

***Crioceratites? monotuberculatus* AVRAM, 2002**

- *2002b *Crioceratites ? monotuberculatus* - AVRAM, p. 66, pl. I, fig. 6

***Crioceratites? mundum* RENNGARTEN, 1951**

- *1951 *Crioceratites mundum* - RENNGARTEN, p. 51 (nomen nudum)

***Crioceratites panescorsii* (ASTIER, 1851)**

- *1851 *Ancyloceras Panescorsii* - ASTIER, p. 445, pl. XVII, fig. 3
1860 *Ancyloceras Panescorsii* - OOSTER, p. 45, pl. 45, fig. 2, 3, 4, non fig. 1 (= ?*Spathicrioceras quenstedti*)
1876 *Ancyloceras Panescorsii* - REYNÈS, p. 104
1955 *Crioceras panescorsii* - SARKAR, p. 54, pl. I, fig. 10 (=ASTIER, 1851, pl. XVII, fig. 3)
1967 *Crioceratites panescorsii* - DIMITROVA, p. 40, pl. XIV, fig. 1

***Crioceratites piveteaui* (SARKAR, 1955)**

- *1955 *Crioceras piveteaui* - SARKAR, p. 41, pl. IV, fig. 12, text-fig. 5C

***Crioceratites? portarum* ETAYO-SERNA, 1968**

- *1968 *Crioceratites (Pseudothurmannia) portarum* - ETAYO-SERNA, p. 57, pl. III, fig. 1, 2, 3, text-fig. 4: 3
1968 *Crioceratites monsalvensis* - ETAYO-SERNA, text-fig. 3A

***Crioceratites primitivus* REBOULET, 1996³¹**

- *1996 *Crioceratites primitivus* - REBOULET, p. 175, pl. 23, fig. 3, pl. 24, fig. 1, 2, 3, 4, 5
?1997 *Crioceratites primitivus* - FARAONI et al., pl. 8, fig. 11
2001 *Crioceratites primitivus* - PÉREZ VALERA & COMPANY, p. 254

***Crioceratites ramkrishnai* (SARKAR, 1955)**

- *1955 *Crioceras ramkrishnai* - SARKAR, p. 38, pl. I, fig. 1, text-fig. 4D

***Crioceratites sahnii* (SARKAR, 1955)**

- *1955 *Crioceras sahnii* - SARKAR, p. 56, pl. VIII, fig. 16

***Crioceratites schindewolfi* (SARKAR, 1955)**

- *1955 *Crioceras schindewolfi* - SARKAR, p. 43, pl. I, fig. 9, text-fig. 6B

***Crioceratites shibaeae* (SARKAR, 1955)**

- *1955 *Crioceras shibaeae* - SARKAR, p. 69, pl. V, fig. 12

***Crioceratites shibaniae* (SARKAR, 1955)**

- 1955 *Crioceras viallii* - SARKAR, p. 44, pl. IV, fig. 19, text-fig. 6D
1955 *Crioceras karakaschi* - SARKAR, p. 48, pl. IV, fig. 13, text-fig. 8A
*1955 *Crioceras shibaniae* - SARKAR, p. 49, pl. IV, fig. 9, text-fig. 8E
1978 *Crioceratites shibaniae* - IMMEL, p. 51, pl. 2, fig. 4
1995 *Crioceratites shibaniae* - ROPOLO, p. 147, pl. 5, fig. 1, 2, 3, 4

***Crioceratites sornayi* (SARKAR, 1955)**

- *1955 *Crioceras sornayi* - SARKAR, p. 50, pl. I, fig. 7, text-fig. 8C
1955 *Crioceras sornayi* var. *densicostata* - SARKAR, p. 51, pl. I, fig. 8

³¹ In the view of VAŠIČEK and COMPANY (herein) a younger synonym of *Crioceratites heterocostatus*.

- 1955 *Crioceras sornayi* var. *tuberculata* - SARKAR, p. 51, pl. IV, fig. 15, text-fig. 8D
 1955 *Crioceras* cf. *sornayi* - SARKAR, p. 51, pl. I, fig. 4
 1968 *Crioceratites* (*Crioceratites*) *sornayi* - WIEDMANN & DIENI, p. 82
 non1974 *Crioceratites* aff. *Sornayi* - LEFELD, p. 351, pl. 10, fig. 1 (= *Criosarasinella mandovi*)
 1981 *Crioceratites sornayi* - KAKABADZE, p. 86, pl. I, fig. 1
 non1984 *Crioceratites* aff. *sornayi* - LEFELD, p. 110, pl. XXXIV, fig. 3 (=LEFELD, 1974, pl. 10, fig. 1)
 non1989 *Crioceratites* aff. *sornayi* - MAREK et al., p. 78, pl. XXXV, fig. 3 (=LEFELD, 1974, pl. 10, fig. 1)
 1992 *Crioceratites sornayi* - ROPOL & SALOMON, p. 196, pl. 5, fig. 1, 2, 3, 4, 5
 1995 *Crioceratites sornayi* - AVRAM, p. 119, pl. 7, fig. 5, 6a, 6b
 1995 *Crioceratites sornayi* - HOEDEMAEKER, p. 237, pl. 7, fig. 1
 non1995 *Crioceratites* «*sornayi densicostata*» - HOEDEMAEKER, p. 238, pl. 7, fig. 2, 3
 1995 *Crioceratites sornayi* - ROPOL & SALOMON, p. 146, pl. 3, fig. 4 (=ROPOL & SALOMON, 1992, pl. 5, fig. 1), fig. 5
 1998 *Crioceratites sornayi* - ROPOL et al., fig. G (=ROPOL & SALOMON, 1992, pl. 5, fig. 5, fig. H

***Crioceratites stahleckeri* (SARKAR, 1955)**

- *1955 *Crioceras stahleckeri* - SARKAR, p. 43, pl. I, fig. 5, text-fig. 6C
 non1965 *Crioceras stahleckeri* - THOMEL, p. 13, pl. I, fig. 3 (= *Spathiocrioceras quenstedti*)

***Crioceratites? tenuilobatus* (VON KOENEN, 1902)**

- *1902 *Crioceras tenuilobatum* - VON KOENEN, p. 249, pl. XVIII, fig. 1, 2, 3

***Crioceratites villiersianus* (D'ORBIGNY, 1842)**

- *1842 *Crioceras Villiersianus* - D'ORBIGNY, p. 462, pl. 114, fig. 1, 2
 1848 *Crioceras Villiersianus* - CATULLO, p. 335, pl. X, fig. 3
 non1848 *Crioceras Villiersianus* - VON QUENSTEDT, p. 278, pl. 20, fig. 12a, 12b, 12c
 (= *Crioceratites matsumotoi*)
 1850 *Crioceras Villiersianus* - D'ORBIGNY, p. 65, n° 57
 1851 *Crioceras Villiersianus* - ASTIER, p. 436
 1852 *Crioceras Villiersianum* - GIEBEL, p. 341
 1860 *Ancyloceras Villiersianum* - OOSTER, p. 51, pl. 43, fig. 2, 3
 1861 *Ancyloceras Villiersianus* - PICTET & CAMPICHE, p. 48
 1868 *Ancyloceras Villiersianus* - WINKLER, p. 19, pl. 3, fig. 1
 ?1868 *Crioceras Villiersianum* - VON EICHWALD, p. 1161
 1876 *Ancyloceras Villiersianus* - REYNÈS, p. 103
 1882b *Crioceras* cf. *Villiersianum* - UHLIG, p. 390
 non1888 *Crioceras Villiersianum* - HERBICH, p. 284, pl. XV, fig. 8, 9 (= *Holcodiscus* cf. *gastaldii*)
 1890 *Crioceras Villiersianum* - PARONA, p. 300
 1892 *Crioceras* aff. *Villiersianum* - TOULA, pl. II, fig. 2
 1894 *Crioceras Villiersianum* - NOLAN, p. 191
 1900 *Crioceras Villiersense* - SIMIONESCU, p. 520
 non1902 *Crioceras Villiersianum* - SARASIN & SCHÖNDELMAYER, p. 107, pl. XII, fig. 3
 1910b *Crioceras Villiersianum* - KILIAN, p. 272
 1915 *Crioceras Villiersianum* - KILIAN & REBOUL, p. 66
 1919 *Crioceras Duvalii* - RODIGHIERO, p. 110, pl. XII, fig. 11
 1955 *Crioceras villiersianum* - SARKAR, p. 65
 1955 *Crioceras villiersianum* var. *bituberculata* - SARKAR, p. 67, pl. III, fig. 8
 1955 *Crioceras* cf. *villiersianum* - SARKAR, p. 67, pl. III, fig. 4
 1965 *Crioceratites* (*Crioceratites*) *villiersianus* - THIEULOY, fig. 3: 5

- 1965a *Crioceratites (Crioceratites) villiersianum* - THOMEL, p. 21
 1965a *Crioceratites (Crioceratites) villiersianum* var. *vishnui* - THOMEL, p. 21, pl. II, fig. 4
 1966 *Crioceratites (Crioceratites) villiersianum* - LINARES & VERA, p. 69, pl. VIII, fig. 7
 1978 *Crioceratites villiersianus* - IMMEL, p. 36
 1978 *Crioceratites (Crioceratites) duvali* - IMMEL, text-fig. 3b (=D'ORBIGNY, 1842, pl. 114, fig. 1)
 2003 *Crioceratites villiersianus* - BUSNARDO et al., p. 63, pl. XXX, fig. 7 (=D'ORBIGNY, 1842, pl. 114, fig. 1, 2)
 2003 *Crioceratites* gr. *villiersianus* - BUSNARDO et al., p. 63, pl. III, fig. 2, pl. IV, fig. 5, 8, pl. VIII, fig. 1, 2, 4
 2006 *Crioceratites villiersianus* - BUSNARDO in GAUTHIER, p. 135, pl. 17, fig. 9

***Menuthiocrioceras* COLLIGNON, 1949**
 (1949, p. 75)

TYPE SPECIES: *Crioceras (Menuthiocrioceras) Lenoblei* COLLIGNON, 1949, p. 76, pl. XI(IV), fig. 1, 1a (OD).

INCLUDED (SUB)SPECIES:

<i>ampakabense</i> -	COLLIGNON, 1962a, p. 82, pl. CCVII, fig. 922 (HT by OD)
<i>aontzyense</i> -	COLLIGNON, 1962a, p. 82, pl. CCVII, fig. 924 (HT by OD)
<i>besairiei</i> -	COLLIGNON, 1949, p. 77, pl. X(III), fig. 1, 1a, 1b (LT designated herein) ³²
<i>colcanapi</i> -	COLLIGNON, 1962a, p. 78, pl. CCV, fig. 918 (HT by OD)
<i>compressum</i> -	SKWARKO & THIEULOY, 1989, p. 29, pl. 2, fig. 10, 11 (HT by OD)
<i>hourcqui</i> -	COLLIGNON, 1949, p. 78 (LT requested)
<i>irianense</i> -	SKWARKO & THIEULOY, 1989, p. 29, pl. 1, fig. 8, 9 (HT by OD)
<i>kuntzi</i> -	COLLIGNON, 1962a, p. 80, pl. CCVI, fig. 920 (HT by OD)
<i>lenoblei</i> -	COLLIGNON, 1949, p. 76, pl. XI(IV), fig. 1, 1a (LT designated herein) ³³
<i>mahafalense</i> -	COLLIGNON, 1962a, p. 90, pl. CCXI, fig. 929 (HT by OD)
<i>sarkari</i> -	COLLIGNON, 1962a, p. 88, pl. CCX, fig. 928 (HT by OD)
<i>sornayi</i> -	COLLIGNON, 1962a, p. 84, pl. CCVIII, fig. 925 (HT by OD)

***Menuthiocrioceras ampakabense* COLLIGNON, 1962**

- *1962a *Menuthiocrioceras ampakabense* - COLLIGNON, p. 82, pl. CCVII, fig. 922, 923

***Menuthiocrioceras aontzyense* COLLIGNON, 1962**

- *1962a *Menuthiocrioceras aontzyense* - COLLIGNON, p. 82, pl. CCVII, fig. 924

³² The depicted, biggest and most complete specimen of COLLIGNON.

³³ The described and depicted specimen by COLLIGNON. The other specimens are fragments.

***Menuthiocrioceras besairiei* (COLLIGNON, 1949)**

- *1949 *Crioceras (Menuthiocrioceras) besairiei* - COLLIGNON, p. 77, pl. X(III), fig. 1, 1a, 1b

***Menuthiocrioceras colcanapi* COLLIGNON, 1962**

- *1962a *Menuthiocrioceras colcanapi* - COLLIGNON, p. 78, pl. CCV, fig. 918, 919

***Menuthiocrioceras compressum* (SKWARKO & THIEULOY, 1989)**

- *1989 *Crioceratites (Menuthiocrioceras) compressus* - SKWARKO & THIEULOY, p. 29, pl. 2, fig. 1, 2, 10, 11

***Menuthiocrioceras hourcqui* (COLLIGNON, 1949)**

- *1949 *Crioceras (Menuthiocrioceras) Hourcqui* - COLLIGNON, p. 78, pl. XII(V), fig. 2, 2a, fig. 3, 3a
1957 *Menuthiocrioceras hourcqui* - ARKELL et al., p. L208, fig. 238: 2a, 2b (=COLLIGNON, 1949, pl. XII(V), fig. 2, 2a)
1996 *Menuthiocrioceras hourcqui* - WRIGHT et al., p. 211, fig. 163: 2a, 2b (=COLLIGNON, 1949, pl. XII(V), fig. 2, 2a)

***Menuthiocrioceras irianense* (SKWARKO & THIEULOY, 1989)**

- *1989 *Crioceratites (Menuthiocrioceras) irianensis* SKWARKO & THIEULOY, p. 29, pl. 1, fig. 1, 2, 4, 5, 6, 7, 8, 9, 10
1989 *Crioceratites (Menuthiocrioceras) cf. irianensis* - SKWARKO & THIEULOY, pl. 1, fig. 3

***Menuthiocrioceras kuntzi* COLLIGNON, 1962**

- *1962a *Menuthiocrioceras kuntzi* - COLLIGNON, p. 80, pl. CCVI, fig. 920, 921

***Menuthiocrioceras lenoblei* (COLLIGNON, 1949)**

- *1949 *Crioceras (Menuthiocrioceras) Lenoblei* - COLLIGNON, p. 76, pl. XI(IV), fig. 1, 1a

***Menuthiocrioceras mahafalense* COLLIGNON, 1962**

- *1962a *Menuthiocrioceras mahafalense* - COLLIGNON, p. 90, pl. CCXI, fig. 929
1981 *Menuthiocrioceras mahafalense* - OBATA & MATSUBARA, pl. 1, fig. 2
1981 *Menuthiocrioceras cf. M. mahafalense* - OBATA & MATSUBARA, pl. 4, fig. 1

***Menuthiocrioceras sarkari* COLLIGNON, 1962**

- *1962a *Menuthiocrioceras sarkari* - COLLIGNON, p. 88, pl. CCX, fig. 928

***Menuthiocrioceras sornayi* COLLIGNON, 1962**

- *1962a *Menuthiocrioceras sornayi* - COLLIGNON, p. 84, pl. CCVIII, fig. 925, 926, pl. CCVIX, fig. 927
1981 *Menuthiocrioceras sornayi* - OBATA & MATSUBARA, pl. 1, fig. 1, pl. 2, fig. 3

***Balearites* SARKAR, 1954³⁴**
(1954a, p. 98)

TYPE SPECIES: *Crioceras baleare* NOLAN, 1894, p. 193, pl. X, fig. 2a, 2b (OD).

INCLUDED (SUB)SPECIES:

<i>balearis</i> -	NOLAN, 1894, p. 193, pl. X, fig. 2a, 2b (HT by MT)
<i>balearis unituberculatus</i> -	SARKAR, 1955, p. 142, pl. XI, fig. 5, text-fig. 21D (HT by MT)
<i>labrousseae</i> -	SARKAR, 1955, p. 144, pl. XI, fig. 11, text-fig. 22A (HT by MT)
<i>lorioli</i> -	DIMITROVA, 1967, p. 77, pl. XXXVI, fig. 7 (HT by MT)
<i>montclusensis</i> -	WIEDMANN, 1962a, p. 131 (new name for <i>Balearites nolani</i> SARKAR, 1955)
<i>nolani</i> -	SARKAR, 1955, p. 144, pl. VI, fig. 11, text-fig. 22B (HT by MT)
<i>paramhansi</i> -	SARKAR, 1955, p. 145 (LT requested)
<i>pseudothurmannii</i> -	DIMITROVA, 1967, p. 77, pl. XXXVI, fig. 4, 4a (HT by OD)
<i>shankariae</i> -	SARKAR, 1955, p. 146, pl. XI, fig. 12, text-fig. 22D (HT by MT)

***Balearites balearis* (NOLAN, 1894)**

?1860	<i>Ancyloceras Hillsi</i> - OOSTER, pl. 52, fig. 1, ?fig. 2, 3, 4
?1860	<i>Ancyloceras Quenstedti</i> - OOSTER, pl. 49, fig. 2
*1894	<i>Crioceras baleare</i> - NOLAN, p. 193, pl. X, fig. 2a, 2b
1894	<i>Crioceras Picteti</i> «var. <i>majoricensis</i> » - NOLAN, pl. X, fig. 1c
1900	<i>Crioceras baleare</i> - SIMIONESCU, p. 516
1900	<i>Crioceras baleare</i> - PAQUIER, p. 495
1901	<i>Hoplites balearis</i> - SARASIN & SCHÖNDELMAYER, p. 87, pl. X, fig. 4
1910b	<i>Crioceras Baleare</i> - KILIAN, p. 270
1915	<i>Crioceras Baleare</i> - KILIAN & REBOUL, p. 69
1938	<i>Crioceras baleare</i> - ROMAN, p. 355
?1948	<i>Crioceras ex gr. baleare</i> - SLAVIN, fig. 1
1950	<i>Crioceras baleare</i> - BATALLER, p. 348, n° 664, text-fig. (=NOLAN, 1894, pl. X, fig. 2a, 2b)
1954a	<i>Balearites balearis</i> - SARKAR, p. 98
1955	<i>Balearites balearis</i> - SARKAR, p. 141
?1955	<i>Balearites cf. balearis</i> (forme n° 3) - SARKAR, p. 144, pl. X, fig. 12, text-fig. 21C.
1957	<i>Balearites balearensis</i> - ARKELL et al., p. L208, fig. 238: 1a, 1b (=NOLAN, 1894, pl. X, fig. 2a, 2b)
non1960	<i>Balearites balearis</i> - DRUSHCHITS, p. 291, pl. XXXIII, fig. 2, 3 (=Pseudothurmannia <i>crimensis</i>)
non1962a	<i>Crioceratites (Pseudothurmannia) balearis balearis</i> - WIEDMANN, p. 128, pl. 8, fig. 5, pl. 9, fig. 1 (=Balearites <i>shankariae</i>)
non1962b	<i>Crioceratites (Pseudothurmannia) balearis balearis</i> - WIEDMANN, pl. 8, fig. 5, pl. 9, fig. 1 (=WIEDMANN, 1962a, pl. 8, fig. 5, pl. 9, fig. 1) (=Balearites <i>shankariae</i>)
non1964	<i>Balearites balearis</i> - FÜLOP, p. 55, pl. XXVII, fig. 7 (=Crioceratites <i>binelli</i>)
non1967	cfr. <i>Crioceratites (Pseudothurmannia) balearis</i> - BACCILLE & GARAVELLO, p. 138, pl. III, fig. 3
1967	<i>Crioceratites (Pseudothurmannia) cf. balearis</i> - NAGY, p. 71, pl. III, fig. 6

³⁴ In the opinion of COMPANY and his colleagues from Granada (herein) *Balearites balearis*, *Binelliceras binelli*, *Crioceratites krenkeli* and *Crioceratites angulicostatus* constitute a phylogenetic lineage. In this case the genera *Balearites* and *Binelliceras* can not be separated from *Crioceratites*.

- 1978 *Crioceratites (Crioceratites) balearis* - IMMEL, p. 46, text-fig. 6b (=NOLAN, 1894, pl. X, fig. 2a)
- non1978 *Crioceratites (Crioceratites) ex gr. balearis* - IMMEL, pl. 2, fig. 2 (= *Crioceratites binelli*)
- 1981 *Pseudothurmannia (Balearites) balearis* - KAKABADZE, p. 91, pl. XIX, fig. 3, 4
- 1981 *Crioceratites (Pseudothurmannia) balearis* - NAGY, p. 73, pl. I, fig. 5
- non1982 *Balearites cf. balearis* - LESHCHUKH, p. 105, pl. VI, fig. 1
- 1989 *Balearites balearis* - AUTRAN, p. 13, fig. 4
- 1993 *Balearites balearis* - AUTRAN, p. 13, fig. 4 (=AUTRAN, 1989, p. 13, fig. 4)
- 1994 *Pseudothurmannia balearis* - VAŠIČEK et al., p. 66, pl. 19, fig. 3, 4
- 1995 *Crioceratites balearis* - AVRAM, p. 119, pl. 6, fig. 4
- 1995 *Pseudothurmannia (Balearites) balearis* - VAŠIČEK, p. 174, pl. 3, fig. 3 (=VAŠIČEK et al., 1994, pl. 19, fig. 3), pl. 4, fig. 5 (=VAŠIČEK et al., 1994, pl. 19, fig. 4)
- 1995 *Balearites balearis* - BULOT, pl. 21, fig. 7, 9, 10
- 1996 *Pseudothurmannia balearis* - WRIGHT et al., p. 214, fig. 163: 4c, 4d (=NOLAN, 1894, pl. X, fig. 2a, 2b)
- 1997 *Pseudothurmannia balearis* - VAŠIČEK, pl. II, fig. 2 (=VAŠIČEK et al, 1994, pl. 19, fig. 3)
- 2000 *Pseudothurmannia (Balearites) cf. balearis* - VAŠIČEK & FAUPL, p. 604, pl. V, fig. 6
- 2002 *Balearites balearis* - VERMEULEN et al., pl. 1, fig. 3 (=NOLAN, 1894, pl. X, fig. 2a)
- 2003 *Crioceratites balearis* - COMPANY et al., fig. 5.1, 5.2, 5.3
- 2003 *Balearites gr. balearis* - BUSNARDO et al., p. 65
- 2004 *Pseudothurmannia (Balearites) balearis* - I. KAKABADZE, p. 387, pl. II, fig. 4, 5, 6
- 2005 *Pseudothurmannia (Balearites) balearis* - I. KAKABADZE in KOTETISHVILI et al., p. 351, pl. 72, fig. 2 (=I. KAKABADZE, 2004, pl. II, fig. 5)

***Balearites balearis unituberculatus* SARKAR, 1955**

- *1955 *Balearites balearis* var. *unituberculata* - SARKAR, p. 142, pl. XI, fig. 5, text-fig. 21D

***Balearites labrousseae* SARKAR, 1955**

- *1955 *Balearites labrousseae* - SARKAR, p. 144, pl. XI, fig. 11, text-fig. 22A
- ?1995 *Pseudothurmannia (Balearites)* nov. sp. A - HOEDEMAEKER, p. 231, pl. 3, fig. 4a, 4b

***Balearites lorioli* DIMITROVA, 1967**

- *1967 *Balearites lorioli* - DIMITROVA, p. 77, pl. XXXVI, fig. 7

***Balearites nolani* SARKAR, 1955**

- *1955 *Balearites nolani* - SARKAR, p. 144, pl. VI, fig. 11, text-fig. 22B
- 1962a *Crioceratites (Pseudothurmannia) montclusensis* - WIEDMANN, p. 131
- 1978 *Crioceratites (Crioceratites) montclusensis* - IMMEL, p. 47
- 1989 *Balearites montclusensis* - AUTRAN, pl. 13, fig. 1
- 1993 *Balearites montclusensis* - AUTRAN, pl. 13, fig. 1 (=AUTRAN, 1989, pl. 13, fig. 1)

***Balearites paramhansi* SARKAR, 1955**

- *1955 *Balearites paramhansi* - SARKAR, p. 145, pl. XI, fig. 6, text-fig. 22C

***Balearites pseudothurmannii* DIMITROVA, 1967**

- *1967 *Balearites pseudothurmannii* - DIMITROVA, p. 77, pl. XXXVI, fig. 4, 4a, non fig. 3 (= *Crioceratites* sp.)
- 1995 *Crioceratites pseudothurmannii* - HOEDEMAEKER, p. 234, pl. 4, fig. 8, 9

***Balearites shankariae* SARKAR, 1955**

- *1955 *Balearites shankariae* - SARKAR, p. 146, pl. XI, fig. 12, text-fig. 22D
 1962a *Crioceratites (Pseudothurmannia) balearis balearis* - WIEDMANN, p. 128, pl. 8, fig. 5, pl. 9, fig. 1
 1962b *Crioceratites (Pseudothurmannia) balearis balearis* - WIEDMANN, pl. 8, fig. 5, pl. 9, fig. 1 (=WIEDMANN, 1962a, pl. 8, fig. 5, pl. 9, fig. 1)
 1964 *Balearites* sp. - FÜLOP, pl. XVI, fig. 6
 ?1967 *Balearites shankariae* - DIMITROVA, p. 76, pl. XXXVI, fig. 2
 1989 *Pseudothurmannia shankariae* - VAŠÍČEK, pl. I, fig. 5
 1994 *Pseudothurmannia shankariae* - VAŠÍČEK et al., p. 66, pl. 19, fig. 5 (=VAŠÍČEK, 1989, pl. I, fig. 5)
 1995 *Pseudothurmannia (Pseudothurmannia) shankariae* - VAŠÍČEK, pl. 4, fig. 1
 1995 *Pseudothurmannia (Balearites) shankariae* - HOEDEMAEKER, p. 231, pl. 3, fig. 1, 2, 3

***Binelliceras* SARKAR, 1977 (1977, p. 258)**

TYPE SPECIES: *Ancyloceras binelli* ASTIER, 1851, p. 444, pl. XVI, fig. 2 (OD).

INCLUDED (SUB)SPECIES:

- | | |
|-------------------------------|--|
| <i>binelli</i> - | ASTIER, 1851, p. 444, pl. XVI, fig. 2 (LT designated by SARKAR, 1955, p. 57) |
| <i>binelli tuberculatum</i> - | SARKAR, 1955, p. 58, pl. IV, fig. 2, 4 (HT by MT) |
| <i>fabreae</i> - | THOMEL, 1965a, p. 24, pl. II, fig. 5 (HT by OD) |
| <i>ibizense</i> - | WIEDMANN, 1962a, p. 130 (HT by OD NOLAN, 1894, pl. X, fig. 3a) |
| <i>nowaki</i> - | SARKAR, 1955, p. 49, pl. IV, fig. 11, text-fig. 8B (HT by MT) |

***Binelliceras binelli* (ASTIER, 1851)**

- *1851 *Ancyloceras Binelli* - ASTIER, p. 444, pl. XVI, fig. 2
 1876 *Ancyloceras Binelli* - REYNÈS, p. 105
 1902 *Crioceras Binelli* - SARASIN & SCHÖNDELMAYER, p. 100
 non1927 *Ancyloceras Binelli* - ROCH, p. 29, pl. IV, fig. 2 (=Ancyloceras rochi)
 1955 *Crioceras binelli* - SARKAR, p. 57, pl. II, fig. 4 (=ASTIER, 1851, pl. XVI, fig. 2), non fig. 6 (=Balearites sp.)
 1955 *Crioceras binelli tuberculatum* - SARKAR, p. 58, pl. IV, fig. 2, 4
 ?1955 *Balearites* sp. (nov sp.?) - SARKAR, p. 148, pl. XI, fig. 10, text-fig. 23C
 1964 *Balearites balearis* - FÜLOP, p. 55, pl. XXVII, fig. 7
 1965a *Crioceratites (Crioceratites) binelli* - THOMEL, p. 28, pl. III, fig. 2, 3
 1966 *Crioceratites (Crioceratites) binelli* - LINARES & VERA, p. 69, pl. VIII, fig. 1
 1977 *Binelliceras binelli* - SARKAR, p. 258
 1978 *Crioceratites (Crioceratites) binelli* - IMMEL, p. 46
 1978 *Crioceratites (Crioceratites) ex gr. balearis* - IMMEL, pl. 2, fig. 2
 1981 *Crioceratites gr. binelli* - CHAROLLAIS et al., pl. 5, fig. 4
 1982a *Crioceratites (Crioceratites) binelli* - BRAGA et al., p. 584, pl. 1, fig. 2
 1989 *Binelliceras binelli* - AUTRAN, pl. 13, fig. 2
 1989 *Binelliceras krenkeli* - AUTRAN, pl. 13, fig. 13
 1989 *Crioceratites binelli* - VAŠÍČEK, pl. I, fig. 3
 1989 *Crioceratites binelli* - MICHALÍK & VAŠÍČEK, pl. 1, fig. 3 (=VAŠÍČEK, 1989, pl. I, fig. 3)
 1993 *Binelliceras binelli* - AUTRAN, pl. 13, fig. 2 (=AUTRAN, 1989, pl. 13, fig. 2)

- 1993 *Binelliceras krenkeli* - AUTRAN, pl. 13, fig. 13 (=AUTRAN, 1989, pl. 13, fig. 13)
 1994 *Crioceratites binelli* - VAŠÍČEK et al., p. 64, pl. 20, fig. 1 (=VAŠÍČEK, 1989, pl. I, fig. 3),
 fig. 2
 1995 *Crioceratites* cf. *binelli* - AVRAM, p. 117, pl. 7, fig. 4
 1995 *Crioceratites binelli* - VAŠÍČEK, p. 176, pl. 4, fig. 2, 3
 1995 *Pseudothurmannia* (*Balearites*) «*binelli*» Thomel, non Astier - HOEDEMAEKER, p. 232,
 pl. 3, fig. 5, 6, 7, 8, 9
 1995 *Crioceratites binelli* - HOEDEMAEKER, p. 234, pl. 4, fig. 7
 1999 *Crioceratites binelli* - VAŠÍČEK & MICHALÍK, p. 254, fig. 7: 5
 2000 *Pseudothurmannia* (?*balearites*) "*binelli*" Thomel 1964, non Astier 1851 - VAŠÍČEK &
 FAUPL, p. 605, pl. VI, fig. 7
 2002 ?*Pseudothurmannia* "*binelli*" Thomel, 1965, non Astier - VAŠÍČEK, p. 194, pl. II, fig. 6, 7
 2003 *Crioceratites binelli* - COMPANY et al., fig. 5: 4
 non2003 *Binelliceras* gr. *binelli* - BUSNARDO et al., p. 65, pl. VIII, fig. 7, 8, 9, pl. IX, fig. 6, pl.
 XVII, fig. 2, fig. 3, 4 (= *Spathicrioceras remanei*)

***Binelliceras fabreae* (THOMEL, 1965)**

- *1965a *Crioceratites* (*Crioceratites*) *fabreae* - THOMEL, p. 24, pl. II, fig. 5
 1978 *Crioceratites* (*Crioceratites*) *fabreae* - IMMEL, p. 45

***Binelliceras ibizense* (WIEDMANN, 1962)**

- 1894 *Crioceras angulicostatum* - NOLAN, p. 195, pl. X, fig. 3a
 *1962a *Crioceratites* (*Pseudothurmannia*) *balearis ibizensis* - WIEDMANN, p. 130
 ?1967 *Balearites ibizensis* - DIMITROVA, p. 78, pl. XXXVI, fig. 1
 1995 *Crioceratites ibizensis* - HOEDEMAEKER, p. 233, pl. 5, fig. 1, 2, 3, 4, 5, 6, 7, 10

***Binelliceras nowaki* (SARKAR, 1955)**

- *1955 *Crioceras nowaki* - SARKAR, p. 49, pl. IV, fig. 11, text-fig. 8B

***Spathicrioceras* SARKAR, 1955³⁵ (1955, p. 160)**

(*Sapthicrioceras* SARKAR, 1954, p. 619 errore pro *Spathicrioceras*) (nomen nudum)

TYPE SPECIES: *Spathicrioceras sornayi* SARKAR, 1955, p. 160, pl. VIII, fig. 8 (OD).

INCLUDED (SUB)SPECIES:

- | | |
|---------------------------------------|--|
| <i>andersoni</i> - | SARKAR, 1955, p. 46, pl. IV, fig. 23, text-fig. 7a (HT by MT) |
| <i>kraptschenense</i> - | DIMITROVA, 1967, p. 49, pl. 16, fig. 2 (HT by OD) |
| <i>krishnaae</i> - | SARKAR, 1955, p. 39 (LT requested) |
| <i>krishnaae tuberculatum</i> - | SARKAR, 1955, p. 55, pl. V, fig. 9 (HT by MT) |
| <i>majoricense</i> - | NOLAN, 1894, p. 192, pl. X, fig. 1a, 1b (LT designated by SARKAR, 1955, p. 45) |
| <i>pseudoangulicostatum</i> - | SARKAR, 1955, p. 63, pl. II, fig. 7 (LT designated herein) ³⁶ |
| <i>pseudoangulicostatum gracile</i> - | SARKAR, 1955, p. 63, pl. II, fig. 5 (HT by OD) |

³⁵ In the opinion of COMPANY and his colleagues from Granada (herein) hardly separable from *Crioceratites*.
³⁶ The specimen that SARKAR, 1955 described and depicted. The other specimen he studied is a fragment.

<i>quenstedti</i> -	OOSTER, 1860, p. 54 (HT by OD VON QUENSTEDT, 1848, pl. 20, fig. 13a, 13b, 13c) (neotype WIEDMANN, 1962a, pl. 8, fig. 1)
<i>remanei</i> -	WIEDMANN, 1962a, p. 121, pl. 8, fig. 4, pl. 9, fig. 2 (HT by OD)
<i>rogeri</i> -	SARKAR, 1955, p. 42, pl. IV, fig. 14, text-fig. 6A (HT by MT)
<i>sarkari</i> -	WIEDMANN, 1962a, p. 122 (new name for <i>Spathicrioceras sornayi</i>)
<i>seitzi</i> -	SARKAR, 1955, p. 70, pl. III, fig. 3 (HT by MT)
<i>sornayi</i> -	SARKAR, 1955, p. 160, pl. VIII, fig. 8 (HT by MT)

***Spathicrioceras andersoni* (SARKAR, 1955)**

- 1919 Forma di convergenza di *Crioceras Nolani* in *Crioceras Duvalii* - RODIGHIERO, p. 112, pl. XII (V), fig. 8
- *1955 *Crioceras andersoni* - SARKAR, p. 46, pl. IV, fig. 23, text-fig. 7a
- 1967 *Crioceratites andersoni* - DIMITROVA, p. 42, pl. XVII, fig. 6
- 1976b *Crioceratites (Crioceratites) andersoni* - MANDOV, p. 60, pl. IV, fig. 5
- ?1983 *Crioceratites (Crioceratites) majoricensis* - ADAMÍKOVÁ et al., p. 598, pl. 1, fig. 1
- non1993 *Crioceratites aff. andersoni* - AVRAM & GRĂDINARU, p. 672, pl. 1, fig. 8, pl. 2, fig. 5, pl. 3, fig. 7a, 7b (=neocomitid)
- 1995 *Crioceratites andersoni* - HOEDEMAEKER, p. 237, pl. 4, fig. 6, pl. 6, fig. 1, 2
- 2004 *Spathicrioceras andersoni* - VERMEULEN, pl. 1, fig. 4 (=SARKAR, 1955, pl. IV, fig. 23)

***Spathicrioceras majoricense* (NOLAN, 1894)**

- ?1860 *Ancyloceras Quenstedti* - OOSTER, p. 54, pl. 49, fig. 1
- *1894 *Crioceras Picteti* "var. *majoricensis*" - NOLAN, p. 192, pl. X, fig. 1a, 1b, 1d, non fig. 1c (=Balearites balearis)
- 1894 *Crioceras angulicostatum* - NOLAN, pl. X, fig. 3b
- 1902 *Crioceras Quenstedti* - SARASIN & SCHÖNDELMAYER, p. 109, pl. XII, fig. 4, 7
- ?1955 *Crioceras rogeri* - SARKAR, p. 42, pl. IV, fig. 14, text-fig. 6A
- 1955 *Crioceras nolanii* var. *majoricensis* - SARKAR, p. 45
- 1962a *Crioceratites (Crioceratites) majoricensis majoricensis* - WIEDMANN, p. 118, pl. 8, fig. 3a, 3b
- 1962b *Crioceratites (Crioceratites) majoricensis majoricensis* - WIEDMANN, p. 48, pl. 8, fig. 3a, 3b (=WIEDMANN, 1962a, pl. 8, fig. 3a, 3b)
- 1965 *Crioceratites (Crioceratites) majoricensis* - THIEULOY, fig. 3: 6
- 1965a *Crioceratites (Crioceratites) majoricensis* - THOMEL, p. 19, pl. III, fig. 1
- 1967 *Crioceratites kraptschenensis* - DIMITROVA, p. 49, pl. 16, fig. 2
- ?1976b *Crioceratites (Crioceratites) majoricensis majoricensis* - MANDOV, p. 56, pl. IV, fig. 1, 2, 3
- 1978 *Crioceratites (Crioceratites) majoricensis* - IMMEL, p. 49, text-fig. 7b (=NOLAN, 1894, pl. X, fig. 1a)
- 1980 *Crioceratites majoricensis* - THOMEL, p. 46, fig. 80 (=THOMEL, 1965a, p. 19, pl. III, fig. 1)
- 1981 *Crioceratites majoricensis majoricensis* - KAKABADZE, p. 86, pl. I, fig. 2
- 1982a *Crioceratites (Crioceratites) majoricensis* - BRAGA et al., p. 684, pl. 1, fig. 1
- non1983 *Crioceratites (Crioceratites) majoricensis* - ADAMÍKOVÁ et al., p. 598, pl. 1, fig. 1 (=Spathicrioceras andersoni)
- 1987 *Crioceratites (Crioceratites) majoricensis* - IMMEL, p. 117, pl. 11, fig. 10
- 1989 *Crioceratites majoricensis* - AUTRAN, pl. 13, fig. 3
- 1990 *Crioceratites aff. majoricensis* - THOMEL, pl. IV, fig. 2, 3
- 1992 *Crioceratites aff. majoricensis* - ROPOLO & SALOMON, p. 197, pl. 6, fig. 1, 2, 3, 4, 5, 6
- 1993 *Crioceratites majoricensis* - AUTRAN, pl. 13, fig. 3 (=AUTRAN, 1989, pl. 13, fig. 3)

- 1994 *Crioceratites (Crioceratites)* cf. *majoricensis* - MARTÍNEZ et al., pl. 1, fig. 6
 ?1995 *Crioceratites majoricensis* - AVRAM, p. 118, pl. 6, fig. 6
 1995 *Crioceratites majoricensis* - VAŠIČEK, p. 176, pl. 4, fig. 4
 1995 *Crioceratites majoricensis* - HOEDEMAEKER, p. 236, pl. 6, fig. 5, 7
 1995 *Crioceratites «majoricennsis»* Thomel, non Nolan - HOEDEMAEKER, p. 236, pl. 6, fig. 3, 6
 1995 *Crioceratites majoricensis* - ROPOLO, p. 148, pl. 6, fig. 1, 2, 3, 4, 5
 1995 *Crioceratites majoricensis* - ROPOLO & GONNET, p. 97, pl. 2, fig. 1, fig. 2 (=ROPOLO, 1995, pl. 6, fig. 4)
 1999 *Crioceratites (Crioceratites) majoricensis* - LUKENEDER, pl. 2, fig. 2
 2003a *Crioceratites (Crioceratites) majoricensis* - LUKENEDER, pl. 2, fig. 8 (=LUKENEDER, 1999, pl. 2, fig. 2)
 2003 *Crioceratites majoricensis* - COMPANY et al., fig. 5: 5

***Spathicrioceras quenstedti* (OOSTER, 1860)**

- 1848 *Crioceras Duvalii* - VON QUENSTEDT, p. 279, pl. 20, fig. 13a, 13b, 13c
 ?1860 *Ancyloceras Panescorsi* - OOSTER, p. 45, pl. 45, fig. 1
 *1860 *Ancyloceras Quenstedti* - OOSTER, p. 54
 non1860 *Ancyloceras Quenstedti* - OOSTER, pl. 49, fig. 1 (= ?*Spathicrioceras majoricensis*), fig. 2 (= ?*Balearites balearis*), fig. 3, 4, 5 (= *Crioceratites remanei*), fig. 6
 ?1868 *Ancyloceras Quenstedti* - WINKLER, p. 17, pl. 2, fig. 12, pl. 3, fig. 3
 ?1882b *Ancyloceras Quenstedti* - UHLIG, p. 348 (=WINKLER, 1868, pl. 2, fig. 12)
 ?1882b *Crioceras* n. f., aff. *Quenstedti* - UHLIG, p. 390
 1900 *Crioceras Quenstedti* - SIMIONESCU, p. 519
 non1902 *Crioceras Quenstedti* - SARASIN & SCHÖNDELMAYER, p. 109, pl. XII, fig. 4, 7 (= *Crioceratites majoricensis*), pl. XII, fig. 5, 6 (=OOSTER, 1860, pl. 49, fig. 3) (= *Crioceratites remanei*)
 non1905 *Crioceras Quenstedti* - RICHARZ, p. 347 (= *Crioceratites majoricensis*)
 1910b *Crioceras Quenstedti* - KILIAN, p. 271
 non1919 *Crioceras Quenstedti* - RODIGHIERO, p. 113, pl. XII, fig. 2 (= *Crioceratites remanei*)
 non1951 *Crioceras quenstedti* - PETKOVIĆ & MARKOVIĆ, p. 31, pl. IV, fig. 5, pl. VI, fig. 1 (= *Crioceratites remanei*)
 1955 *Crioceras quenstedti* - SARKAR, p. 41
 ?1955 *Crioceras krishnaae* - SARKAR, p. 39, pl. 1, fig. 2, text-fig. 5A
 ?1955 *Crioceras krishnaae* var. *tuberculata* - SARKAR, p. 55, pl. V, fig. 9
 1962a *Crioceratites (Crioceratites) quenstedti* - WIEDMANN, p. 123, pl. 8, fig. 1
 1962b *Crioceratites (Crioceratites) quenstedti* - WIEDMANN, p. 49, pl. 8, fig. 1 (=WIEDMANN, 1962a, pl. 8, fig. 1)
 1965a *Crioceratites (Crioceratites) stahleckeri* - THOMEL, p. 13, pl. I, fig. 3
 1965a *Crioceratites krishnaae* - BRESKOVSKI, p. 207, pl. 1, fig. 5
 ?1976b *Crioceratites (Crioceratites) matsumotoi* - MANDOV, pl. VI, fig. 1, 2, non fig. 3 (= *Crioceratites loryi*)
 1978 *Crioceratites (Crioceratites) quenstedti* - IMMEL, p. 44, pl. 1, fig. 3 (=VON QUENSTEDT, 1848, pl. 20, fig. 3), pl. 3, fig. 1, 2
 1978 *Crioceratites* cf. *quenstedti* - BORDEA et al., p. 83, fig. 5, 6
 1981 *Crioceratites quenstedti* - KAKABADZE, p. 86, pl. I, fig. 6a, 6b
 1981 *Crioceratites (Crioceratites) quenstedti* - NAGY, p. 73, pl. II, fig. 3
 non1983 *Crioceratites (Crioceratites) quenstedti* - ADAMÍKOVÁ et al., p. 604, pl. 1, fig. 2 (= *Crioceratites krenkeli*)
 1995 *Crioceratites quenstedti* - ROPOLO & GONNET, p. 95, pl. 1, fig. 1, 2, 3
 1995 *Crioceratites quenstedti* - AVRAM, p. 117, pl. 6, fig. 1, 2, 3
 1998 *Crioceratites quenstedti* - ROPOLO & GONNET et al., fig. A
 2000 *Crioceratites (Crioceratites) quenstedti* - VAŠIČEK & FAUPL, p. 603, pl. III, fig. 9
 2003a *Crioceratites (Crioceratites)* cf. *quenstedti* - LUKENEDER, pl. 3, fig. 4

***Spathicrioceras remanei* (WIEDMANN, 1962)**

- 1860 *Ancyloceras Quenstedti* - OOSTER, pl. 49, fig. 3, 4, 5
1894 *Crioceras angulicostatus* - NOLAN, pl. X, fig. 3c
1902 *Crioceras Quenstedti* - SARASIN & SCHÖNDELMAYER, pl. XII, fig. 5, 6 (=OOSTER, 1860, pl. 49, fig. 3)
1919 *Crioceras Quenstedti* - RODIGHIERO, p. 113, pl. XII (V), fig. 2
?1951 *Crioceras quenstedti* - PETKOVIĆ & MARKOVIĆ, p. 31, pl. IV, fig. 5, pl. VI, fig. 1
?1955 *Crioceras pseudoangulicostatum* - SARKAR, p. 63, pl. II, fig. 7³⁷
?1955 *Crioceras pseudoangulicostatum* var. *gracilis* - SARKAR, p. 63, pl. II, fig. 5³⁸
*1962a *Crioceratites (Crioceratites) majoricensis remanei* - WIEDMANN, p. 121, pl. 8, fig. 4, pl. 9, fig. 2
1962b *Crioceratites (Crioceratites) majoricensis remanei* - WIEDMANN, p. 49, pl. 8, fig. 4, pl. 9, fig. 2 (=WIEDMANN, 1962a, pl. 8, fig. 4, pl. 9, fig. 2)
1976b *Crioceratites (Crioceratites) majoricensis remanei* - MANDOV, p. 57, pl. V, fig. 4
1995 *Crioceratites* cf. *remanei* - HOEDEMAEKER, p. 237, pl. 12, fig. 6, 7
2003 *Binelliceras* gr. *binelli* - BUSNARDO et al., p. 65, pl. VIII, fig. 7, 8, 9, pl. IX, fig. 6, pl. XVII, fig. 2, fig. 3, 4 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XVII, fig. 6, 5)³⁹
2003a *Spathicrioceras remanei* - VERMEULEN, p. 29

***Spathicrioceras seitzii* (SARKAR, 1955)**

- 1863 *Ammonites angulicostatus* - PICTET, pl. I bis, fig. 3a, 3b
1889b *Crioceras angulicostatum* - KILIAN, p. 212
1910b *Crioceras angulicostatum* - KILIAN, p. 270
*1955 *Crioceras seitzii* - SARKAR, p. 70, pl. III, fig. 3
2002 *Spathicrioceras angulicostatum* - VERMEULEN et al., p. 73, pl. 1, fig. 1
2002 *Spathicrioceras* aff. *angulicostatum* - VERMEULEN et al., pl. 2, fig. 3
2003a *Spathicrioceras seitzii* - VERMEULEN, p. 29
2003a *Spathicrioceras angulicostatum* - VERMEULEN, p. 29, pl. 57, fig. 1 (=VERMEULEN et al., 2002, pl. 1, fig. 1)
2003 *Pseudothurmannia angulicostata* - BUSNARDO et al., p. 67, pl. XXIX, fig. 6 (=PICTET, 1863, pl. I bis, fig. 3a, 3b)
2004 *Pseudothurmannia seitzii* - VERMEULEN, pl. 1, fig. 3 (=VERMEULEN et al., 2002, pl. 2, fig. 3)

***Spathicrioceras sornayi* SARKAR, 1955**

- *1955 *Spathicrioceras sornayi* - SARKAR, p. 160, pl. VIII, fig. 8
1962a *Crioceratites (Crioceratites) sarkari* - WIEDMANN, p. 122
2003a *Spathicrioceras sornayi* - VERMEULEN, p. 29

***Pseudothurmannia* SPATH, 1923⁴⁰
(1923b, p. 66)**

=***Kakabadziella*** HOEDEMAEKER & HERNGREEN, 2003. TYPE SPECIES: no type species. (nomen nudum)

³⁷ In the view of VERMEULEN (herein) probably a *Sornayites*.

³⁸ In the view of VERMEULEN (herein) probably a *Sornayites*.

³⁹ The drawing on pl. 49, fig. 3 in OOSTER, 1860 is based on the specimens depicted by SARASIN & SCHÖNDELMAYER on pl. XVII, fig. 5 and 6.

⁴⁰ See VERMEULEN, 2004, p. 73 and VERMEULEN, 2006, p. 146 for his view on the genera *Pseudothurmannia*, *Parathurmannia* and *Prieuriceras*.

=?Parathurmannia BUSNARDO, 2003, p. 68. TYPE SPECIES: *Hoplites angulicostatus* SARASIN & SCHÖNDELMAYER, 1901, pl. X, fig. 3 (=Parathurmannia sarasini) (OD).

=Prieuricerias VERMEULEN, 2004, p. 74⁴¹. TYPE SPECIES: *Pseudothurmannia picteti* SARKAR, 1955, p. 152 (=PICTET, 1863, pl. 1 bis, fig. 1a, 1b) (OD). (objective synonym).

TYPE SPECIES: *Ammonites angulicostatus* D'ORBIGNY (in PICTET, 1863, pl. 1bis, fig. 1a, 1b). (OD) (=Pseudothurmannia picteti).⁴²

INCLUDED (SUB)SPECIES:

angulicostata tuberculata -

belimelensis -

?*biassalensis* -

catulloi -

?*crimensis* -

grandis -

isocostata -

karakaschi -

lurensis -

macilenta -

mortilleti -

mortilleti rotundata -

ohmi -

picteti -

provençalis -

pseudomalbosi -

renevieri -

rugosa -

sarasini -

SARKAR, 1955, p. 155, pl. 6, fig. 13 (HT by MT)

DIMITROVA, 1967, p. 75, pl. XXXI, fig. 2 (HT by OD)

DIMITROVA, 1967, p. 74, pl. XXXIII, fig. 1 (HT by OD)

PARONA, 1898, p. 141, pl. XVII (I), fig. 5a, 5b, 5c (HT by MT)

WIEDMANN, 1962a, p. 136 (=DRUSHCHITS, 1960, pl. XXXIII, fig. 2, 3) (HT by OD)

BUSNARDO, 1970, p. 140, pl. 1, fig. 1 (HT by OD)

KAKABADZE, 1981, p. 91, pl. III, fig. 2 (HT by OD)

MANOLOV, 1962a, p. 536, pl. 73, fig. 9, pl. 74, fig. 2 (HT by OD)

BUSNARDO, 1970, p. 137, pl. 1, fig. 4 (HT by OD)

D'ORBIGNY, 1841, p. 138, pl. 42, fig. 3, 4 (HT by MT) (neotype designated by BUSNARDO in GAUTHIER, 2006, p. 199, pl. 16, fig. 4)⁴³

SARASIN & SCHÖNDELMAYER, 1901, pl. XI, fig. 5 (LT the specimen from the Nice region designated by WIEDMANN, 1962a, p. 132)⁴⁴

SARKAR, 1955, p. 156, pl. VI, fig. 12 (HT by MT)

WINKLER, 1868, p. 6, pl. 1, fig. 8, 8a (HT by MT)

SARKAR, 1955, p. 152 (HT by OD PICTET, 1863, pl. 1 bis, fig. 1a, 1b)

WIEDMANN, 1962a, p. 116 (nomen novum for *Pseudothurmannia picteti* SARKAR)

SARASIN & SCHÖNDELMAYER, 1901, p. 79, pl. X, fig. 1 (LT designated by BRESKOVSKI, 1966, p. 80)

SARASIN & SCHÖNDELMAYER, 2001, p. 89, pl. XI, fig. 1 (LT designated by DIMITROVA, 1967, p. 75)

BUSNARDO in BUSNARDO et al., 2003, p. 68, pl. XXI, fig. 7 (HT by OD)

SARKAR, 1955, p. 155 (HT by OD SARASIN & SCHÖNDELMAYER, 1901, p. 81, pl. X, fig. 3)

Pseudothurmannia belimelensis DIMITROVA, 1967

1955 *Pseudothurmannia angulicostata* var. *tuberculata* - SARKAR, p. 155, pl. 6, fig. 13

⁴¹ VERMEULEN, 2004 classified in this genus: *Crioceras Edouardi* HONNORAT-BASTIDE, *Ammonites crioceroides* TORCAPEL, *Pseudothurmannia simionescui* SARKAR, *Hoplites pseudo-Malbosi* SARASIN & SCHÖNDELMAYER, *Sornayites spinatus* BUSNARDO and *Pseudothurmannia picteti* SARKAR.

⁴² Designated by COMPANY, SANDOVAL & TAVERA, 2003, p. 693 in accordance with article 70.3. of the ICZN. VERMEULEN (herein) considers this designation as not justified.

⁴³ In the text on page 47 BUSNARDO erroneously writes lectotype; in the legend of plate 16 neotype is indicated.

⁴⁴ BUSNARDO, 2003, p. 70 erroneously designated another syntype of PICTET & DE LORIO, the specimen of Voiron depicted on their plate XXXII, figure 2a, 2b. He depicted the lectotype as paratype on his plate XXXII, figure 4.

- 1957 *Pseudothurmannia angulicostata* var. - ALMELA & DE LA REVILLA, pl. XI, fig. 2, 2a, 2b
 *1967 *Pseudothurmannia belimelensis* - DIMITROVA, p. 75, pl. XXXI, fig. 2
 1976b *Pseudothurmannia belimelensis* - MANDOV, p. 66, pl. IX, fig. 1
 non1983 *Crioceratites (Pseudothurmannia) belimelensis* - ADAMÍKOVÁ et al., p. 608, pl. 2, fig. 4
 1994 *Pseudothurmannia belimelensis* - CECCA et al., p. 560, fig. 5a
 1995 *Pseudothurmannia* cf. *belimelense* - AVRAM, p. 119, pl. 8, fig. 2
 1995 *Pseudothurmannia (Pseudothurmannia) belimelensis* - HOEDEMAEKER, p. 230, pl. 2, fig. 7, 9
 1995 *Pseudothurmannia belimelensis* - CECCA et al., pl. 1, fig. 5 (=CECCA et al., 1994, fig. 5a)
 1995 *Pseudothurmannia belimelensis* - CECCA & PALLINI, p. 212, pl. 1, fig. 13 (=CECCA et al., 1994, fig. 5a)
 1998 *Pseudothurmannia* aff. *belimelensis* - WITAM, p. 51, pl. IV, fig. 1a, 1b

***Pseudothurmannia? biassalensis* DIMITROVA, 1967**

- *1967 *Pseudothurmannia biassalensis* - DIMITROVA, p. 74, pl. XXXIII, fig. 1, 2
 ?1976b *Pseudothurmannia biassalensis* - MANDOV, p. 66, fig. IX, fig. 6, non pl. IX, fig. 5
 (= *Pseudothurmannia catulloi*)
 1995 *Pseudothurmannia biassalense* - AVRAM, p. 119, pl. 8, fig. 9, 10
 2003 *Parathurmannia* cf. *biassalensis* - BUSNARDO et al., p. 69, pl. XV, fig. 2, 3, 8

***Pseudothurmannia catulloi* (PARONA, 1898)**

- *1898 *Hoplites Catulloi* - PARONA, p. 141, pl. XVII (I), fig. 5a, 5b, 5c
 1907 *Crioceras angulicostatum* - KARAKASCH, pl. XVI, fig. 7a, 7b
 non1949 *Hoplites Catilloi* - PETKOVIĆ & MILETIĆ, p. 133, pl. II, fig. 7, 8, 9
 1955 *Pseudothurmannia catulloi* - SARKAR, p. 155
 1960 *Pseudothurmannia picteti* - DRUSHCHITS, p. 288, pl. XXX, fig. 6
 1962a *Crioceratites (Pseudothurmannia) mortilleti catulloi* - WIEDMANN, p. 136, pl. 7, fig. 4
 1962a *Crioceratites (Pseudothurmannia) aff. angulicostatus* - WIEDMANN, p. 138, pl. 10, fig. 1a, 1b
 1962b *Crioceratites (Pseudothurmannia) mortilleti catulloi* - WIEDMANN, p. 52, pl. 7, fig. 4
 (=WIEDMANN, 1962a, pl. 7, fig. 4)
 1962b *Crioceratites (Pseudothurmannia) angulicostatus* - WIEDMANN, p. 52, pl. 10, fig. 1a, 1b
 (=WIEDMANN, 1962a, pl. 10, fig. 1a, 1b)
 1964 *Pseudothurmannia* [ex gr. *P. angulicostatum*] - FÜLOP, pl. XVIII, fig. 5
 1965 *Pseudothurmannia angulicostata* - DIMITROVA, p. 217, pl. 1, fig. 1
 ?1966 *Pseudothurmannia picteti* - BRESKOVSKI, p. 81, pl. II, fig. 5, 6
 non1967 *Crioceratites (Pseudothurmannia) mortilleti catulloi* - BACCELLE & GARAVELLO, p. 137, pl. III, fig. 4 (= *Pseudothurmannia sarasini*)
 ?1968 *Pseudothurmannia catulloi* - SORNAY, p. 5, pl. I, fig. 3, 5
 ?1968 *Pseudothurmannia* sp. ind. gr. *angulicostata* - SORNAY, p. 5, pl. I, fig. 4, 8
 ?1976b *Pseudothurmannia catulloi* - MANDOV, p. 65, pl. IX, fig. 2
 non1976b *Pseudothurmannia* aff. *catulloi* - MANDOV, p. 66, pl. IX, fig. 3 (= *Pseudothurmannia? ohmi*)
 1976b *Pseudothurmannia biassalensis* - MANDOV, p. 66, pl. IX, fig. 5
 1981 *Pseudothurmannia (Pseudothurmannia) isocostata* - KAKABADZE, p. 91, pl. III, fig. 2
 1994 *Pseudothurmannia mortilleti* morphotype *catulloi* - CECCA et al., p. 560, fig. 5c
 1995 *Pseudothurmannia* cf. *catulloi* - AVRAM, p. 119, pl. 9, fig. 3
 ?1995 *Pseudothurmannia (Pseudothurmannia) catulloi* - HOEDEMAEKER, p. 227, pl. 1, fig. 1a, 1b, 3
 1995 *Pseudothurmannia mortilleti catulloi* - CECCA & PALLINI, p. 212, pl. 1, fig. 9 (=CECCA et al., 1994, fig. 5c), fig. 10
 1995 *Pseudothurmannia mortilleti catulloi* - CECCA et al., pl. 1, fig. 3 (=CECCA & PALLINI, 1995, pl. 1, fig. 10), fig. 4 (=CECCA et al., 1994, fig. 5c),

- 1996 *Pseudothurmannia catulloi* - FARAONI et al., pl. 2, fig. 4, 5, 6, 7, 8
 1997 *Pseudothurmannia catulloi* - PEZZONI et al., pl. 2, fig. 4, pl. 3, fig. 1
 ?1998 *Pseudothurmannia* sp. cf. *catulloi* ? sensu Hoedemaeker, 1992 - CECCA et al., p. 95, pl. 5, fig. 14
 ?1998 *Pseudothurmannia* cf. *catulloi* - ARNAUD et al., p. 15, pl. 1, fig. 4
 ?1999 *Pseudothurmannia mortilleti catulloi* - PSZCZÓŁKOWSKI & MYCZYŃSKI, p. 67, fig. 12: 6
 2003 *Kakabadziella catulloi* - HOEDEMAEKER & HERNGREEN, foldout
 2004 *Turkmeniceras catulloi* - BOGDANOVA & MIKHAILOVA, p. 198
 ?2004 *Pseudothurmannia* (*Pseudothurmannia*) cf. *catulloi* - I. KAKABADZE, p. 386, pl. II, fig. 1

***Pseudothurmannia? crimensis* (WIEDMANN, 1962)**

- 1960 *Balearites balearis* - DRUSHCHITS, p. 291, pl. XXXIII, fig. 2, 3
 *1962a *Crioceratites* (*Pseudothurmannia*) *crimensis* - WIEDMANN, p. 136

***Pseudothurmannia grandis* BUSNARDO, 1970**

- *1970 *Pseudothurmannia grandis* - BUSNARDO, p. 140, pl. 1, fig. 1, 3
 1989 *Pseudothurmannia* cf. *grandis* - CONTE, p. 33, text-fig. p. 33
 1994 *Crioceratites* (*Pseudothurmannia*) *grandis* - MARTÍNEZ et al., p. 346, pl. 3, fig. 1
 1995 *Pseudothurmannia* gr. *grandis* - GRANIER et al., p. 1183, fig. 4: 7

***Pseudothurmannia lurensis* BUSNARDO, 1970**

- *1970 *Pseudothurmannia lurensis* - BUSNARDO, p. 137, pl. 1, fig. 4
 1970 *Pseudothurmannia* cf. *lurensis* - BUSNARDO, p. 139

***Pseudothurmannia macilenta* (D'ORBIGNY, 1841)**

- *1841 *Ammonites macilentus* - D'ORBIGNY, p. 138, pl. 42, fig. 3, 4
 non1848 *Ammonites macilentus* - CATULLO, p. 324, pl. VII, fig. 3a, 3b, 3c (= ?*Berriasella* (*Hegaratella*) *paramacilenta*)
 non1872 *Ammonites macilentus* - VÉLAIN, p. 135
 non1894 *Hoplites* cf. *macilentus* - SAYN, p. 140
 1939 *Ammonites macilentus* - MAZENOT, p. 127
 2006 *Parathurmannia macilenta* - BUSNARDO in GAUTHIER, p. 46, pl. 16, fig. 4

***Pseudothurmannia mortilleti* (PICTET & DE LORIOL, 1858)**

- *1858 *Ammonites Mortilleti* - PICTET & DE LORIOL, p. 21, pl. IV, fig. 2a, 2b, 2c, 2d⁴⁵
 ?1868 *Ammonites angulicostatus* - WINKLER, p. 5, pl. 1, fig. 7, 7a
 ?1868 *Ammonites Mortilleti* - WINKLER, p. 3, pl. 1, fig. 2
 1901 *Hoplites angulicostatus* - SARASIN & SCHÖNDELMAYER, p. 81, pl. IX, fig. 8
 1901 *Hoplites Mortilleti* - SARASIN & SCHÖNDELMAYER, p. 84, pl. XI, fig. 5, non pl. X, fig. 6, pl. XI, fig. 3, 4
 non1905 *Hoplites angulicostatus* - RICHARZ, p. 346, pl. IX, fig. 4
 1939 *Parahoplites angulicostatus* - RAMACCIONI, p. 65, pl. XIV (V), fig. 13, 14
 non1949 *Hoplites Catulloi* - PETKOVIĆ & MILETIĆ, p. 133, pl. 2, fig. 7, 8, 9
 1952 *Pseudothurmannia* cf. *mortilleti* - LUPPOV, p. 201
 1955 *Pseudothurmannia mortilleti* - SARKAR, p. 151
 1955 *Pseudothurmannia mortilleti* var. *rotundata* - SARKAR, p. 156, pl. VI, fig. 12

⁴⁵ A reconstruction of two specimens of the PICTET collection, the one from Voiron and that from the Nice region.

- ?1962a *Crioceratites (Pseudothurmannia) mortilleti mortilleti* - WIEDMANN, p. 132, pl. 7, fig. 5a, 5b
- ?1962b *Crioceratites (Pseudothurmannia) mortilleti mortilleti* - WIEDMANN, p. 51, pl. 7, fig. 5a, 5b (=WIEDMANN, 1962a, pl. 7, fig. 5a, 5b)
- 1967 *Balearites mortilleti* - DIMITROVA, p. 76, pl. XXXVI, fig. 5, 6
- 1968 *Pseudothurmannia mortilleti* - SORNAY, p. 4, pl. I, fig. 1, text-fig. 1
- non1971 *Pseudothurmannia cf. mortilleti* - THOMSON, p. 160, fig. 3i
- non1974 *Pseudothurmannia cf. mortilleti* - THOMSON, p. 14, pl. II, fig. i (=THOMSON, 1971, fig. 3i), fig. j
- ?1976b *Pseudothurmannia mortilleti* - MANDOV, p. 64, pl. VIII, fig. 3
- 1978 *Crioceratites (Pseudothurmannia) mortilleti* - IMMEL, p. 67, pl. 1, fig. 2, text-fig. 13a
- 1981 *Pseudothurmannia (Pseudothurmannia) mortilleti* - KAKABADZE, p. 91, pl. I, fig. 7, non fig. 8 (=Pseudothurmannia ohmi)
- non1981 *"Pseudothurmannia cf. mortilleti"* - THOMSON, p. 290, pl. I, fig. 5 (=THOMSON, 1971, fig. 3i)
- non1981 *Crioceratites (Pseudothurmannia) aff. mortilleti* - NAGY, p. 73, pl. II, fig. 2
- 1982a *Crioceratites (Pseudothurmannia) mortilleti* - BRAGA et al., p. 685, pl. 1, fig. 4, 5
- 1983 *Crioceratites (Pseudothurmannia) mortilleti* - ADAMÍKOVÁ et al., p. 606, pl. 2, fig. 3
- 1986 *Crioceras (Pseudothurmannia) mortilleti* - DARGA & WEIDICH, p. 103, pl. 3, fig. 4, 5
- non1987 *Crioceratites (Pseudothurmannia) mortilleti* - IMMEL, p. 117, pl. 12, fig. 1 (=Hoplites angulicostatus RICHARZ, 1905, pl. IX, fig. 4)
- 1989 *Pseudothurmannia mortilleti* - MICHALÍK & VAŠÍČEK, p. 518, pl. 2, fig. 5
- 1989 *Pseudothurmannia angulicostata* - AUTRAN, pl. 13, fig. 6
- 1993 *Pseudothurmannia angulicostata* - AUTRAN, pl. 13, fig. 6 (=AUTRAN, 1989, pl. 13, fig. 6)
- 1994 *Pseudothurmannia mortilleti* - CECCA et al., p. 560, fig. 5d
- 1995 *Pseudothurmannia mortilleti* - CECCA & PALLINI, p. 212, pl. 1, fig. 14
- 1995 *Pseudothurmannia aff. mortilleti* - AMBROSI et al., p. 63, pl. 3, fig. 2
- 1995 *Pseudothurmannia (Pseudothurmannia) mortilleti* - VAŠÍČEK, pl. 4, fig. 6
- 1995 *Pseudothurmannia mortilleti mortilleti* - CECCA et al., p. 198, pl. 1, fig. 6
- 1995 *Pseudothurmannia (Pseudothurmannia) mortilleti* - HOEDEMAEKER, p. 229, pl. 1, fig. 4, pl. 2, fig. 1, 2, 3, 4, 5, 6
- 1997 *Pseudothurmannia mortilleti* - VAŠÍČEK, p. 237, pl. II, fig. 3
- 1998 *Pseudothurmannia aff. mortilleti* - WITAM, pl. 4, fig. 2a, 2b
- 1998 *Pseudothurmannia mortilleti* - CECCA et al., p. 94, pl. 5, fig. 1a, 1b, 2, 3a, 3b, 4, 5, 6, 7, 8, 9, 10, 11a, 11b, 12a, 12b, 13, text-fig. 15e, 15f, 15g, 15h, 15i, 16a, 16b, 16c
- 1999 *Pseudothurmannia mortilleti sensu Hoedemaeker* - BAUDIN et al., p. 491, fig. 3E
- 2000 *Pseudothurmannia (Pseudothurmannia) cf. mortilleti* - VAŠÍČEK & FAUPL, p. 604, pl. VI, fig. 3, 4
- 2001 *Pseudothurmannia cf. mortilleti* - AVRAM & GRÁDINARU, p. 139, pl. 2, fig. 1
- 2002 *Pseudothurmannia cf. mortilleti* - BODROGI & FOGARASI, p. 304, pl. 2, fig. 5
- 2002 *Pseudothurmannia mortilleti* - VERMEULEN et al., pl. 1, fig. 2
- 2003a *Pseudothurmannia mortilleti* - VERMEULEN, pl. 57, fig. 2 (=VERMEULEN et al., 2002, pl. 1, fig. 2)
- 2003 *Pseudothurmannia mortilleti* - COMPANY et al., fig. 6: 4
- 2003 *Parathurmannia mortilleti* - BUSNARDO et al., p. 69, pl. XVI, fig. 1, fig. 2 (=SARASIN & SCHÖNDELMAYER, 1901, pl. IX, fig. 8), pl. XXXII, fig. 2a, 2b, pl. XXXII, fig. 4 (=SARASIN & SCHÖNDELMAYER, 1901, pl. XI, fig. 5), text-fig. 25 (=SORNAY, 1968, text-fig. 1)
- 2004 *Pseudothurmannia (Pseudothurmannia) mortilleti* - I. KAKABADZE, p. 384, pl. II, fig. 2, 3, 7
- 2005 *Pseudothurmannia (Pseudothurmannia) mortilleti* - I. KAKABADZE in KOTETISHVILI et al., p. 350, pl. 72, fig. 1 (=I. KAKABADZE, 2004, pl. II, fig. 2)
- 2005 *Pseudothurmannia mortilleti* - COMPANY et al., fig. 4D

***Pseudothurmannia ohmi* (WINKLER, 1868)**

- 1858 *Ammonites angulicostatus* - PICTET & DE LORIO, p. 23, pl. IV, fig. 3b
 *1868 *Ammonites Ohmi* - WINKLER, p. 6, pl. 1, fig. 8, 8a
 1907 *Crioceras angulicostatum* - KARAKASCH, pl. XVI, fig. 4a, 4b
 1919 *Parahoplites angulicostatus* - RODIGHIERO, p. 103(67), pl. XI (IV), fig. 2
 1955 *Pseudothurmannia angulicostata* Hyatt - ERISTAVI, p. 94, pl. III, fig. 7
 1955 *Balearites* cf. *balearis* (forme n° 2) - SARKAR, p. 143, pl. 11, fig. 2, text-fig. 21B
 1958 *Pseudothurmannia angulicostata* - LUPPOV & DRUSHCHITS, pl. XLVI, fig. 5 (=ERISTAVI, 1955, pl. III, fig. 7)
 ?1961 *Pseudothurmannia angulicostata* - ERISTAVI, p. 97, pl. IV, fig. 4
 1964 *Pseudothurmannia* sp. [ex gr. *P. angulicostata*] - FÜLOP, pl. XXVII, fig. 6
 1965 *Pseudothurmannia angulicostata* - DIMITROVA, p. 217, pl. 1, fig. 3
 1967 *Pseudothurmannia angulicostata* - DIMITROVA, p. 72, pl. XXXI, fig. 1
 1974 *Pseudothurmannia angulicostata* - LAPEYRE, p. 82, pl. 1, fig. 1, 2, 3, 4, 5, 6, 7, 8
 ?1976b *Pseudothurmannia* sp. 1 - MANDOV, p. 67, pl. IX, fig. 4
 1980 *Pseudothurmannia angulicostata* - THOMEL, p. 53, fig. 91 (=LAPEYRE, 1974, fig. 4)
 1981 *Pseudothurmannia (Pseudothurmannia) mortilleti* - KAKABADZE, p. 91, pl. I, fig. 8
 1987 *Crioceratites (Pseudothurmannia) provencalis* - IMMEL, p. 118, pl. 12, fig. 2 (=WINKLER, pl. 1, fig. 8, 8a)
 ?1988 *Crioceratites (Pseudothurmannia) angulicostatus* - WILKE, p. 20, pl. II, fig. 27
 ?1988 *Crioceratites (Pseudothurmannia) provencalis* - WILKE, p. 20, pl. II, fig. 28
 1990 *Pseudothurmannia angulicostata* - THOMEL, pl. VI, fig. 1, 2, 3, 4 (=LAPEYRE, 1974, fig. 2, 1, 3, 4), fig. 5, fig. 6, 7 (=LAPEYRE, 1974, fig. 8, 9)
 ?1995 *Pseudothurmannia* cf. *angulicostata* - AVRAM, p. 119, pl. 9, fig. 1a, 1b, 2
 1995 *Pseudothurmannia angulicostata* - CECCA & PALLINI, p. 212, pl. 1, fig. 11
 1995 *Pseudothurmannia angulicostata* - CECCA et al., p. 198, pl. 1, fig. 2 (=CECCA & PALLINI, 1995, pl. 1, fig. 11)
 1995 *Pseudothurmannia (Pseudothurmannia) ohmi* - HOEDEMAEKER, p. 228, pl. 1, fig. ?2, 5, 6
 ?1995 *Pseudothurmannia angulicostata* Auct. - FARAONI et al., pl. 2, fig. 11
 1996 *Pseudothurmannia ohmi* - FARAONI et al., pl. 2, fig. 9, 10
 1996 *Pseudothurmannia angulicostata* - WRIGHT et al., p. 214, fig. 163, fig. 4a, 4b (=LAPEYRE, 1974, pl. 1, fig. 5, 6)
 2000 *Pseudothurmannia (Pseudothurmannia) aff. ohmi* - VAŠÍČEK & FAUPL, p. 604, pl. VI, fig. 6
 2002 *Pseudothurmannia ohmi* - BODROGI & FOGARASI, p. 304, pl. 1, fig. 4, pl. 2, fig. 3
 2002 *Pseudothurmannia* cf. *ohmi* - BODROGI & FOGARASI, p. 304, pl. 1, fig. 3
 2003 *Pseudothurmannia ohmi* - COMPANY et al., p. 691, fig. 6: 1, 6: 2
 2003 *Kakabadziella ohmi* - HOEDEMAEKER & HERNGREEN, foldout
 2004 *Pseudothurmannia ohmi* - ETTACHFINI, p. 165, pl. 29, fig. 8a, 8b, 9a, 9b, 10a, 10b
 2004 *Pseudothurmannia ohmi* - JANSSEN & FÖZY, p. 33, pl. I, fig. 2

***Pseudothurmannia picteti* SARKAR, 1955**

- 1863 *Ammonites angulicostatus* - PICTET, p. 11, pl. 1 bis, fig. 1a, 1b
 ?1863 *Ammonites angulicostatus* - PICTET, p. 11, pl. 1 bis, fig. 2a, 2b
 1910b *Crioceras angulicostatum* Pict. - KILIAN, p. 212
 1910b *Hoplites (Neocomites) angulicostatus* - KILIAN, p. 222
 1910b *Crioceras angulicostatum* - KILIAN, p. 270
 1910b *Hoplites (Neocomites) angulicostatus* - KILIAN, pl. 5, fig. 6a, 6b (=PICTET, 1863, pl. 1 bis, fig. 1a, 1b)
 1952b *Pseudothurmannia angulicostata* - BASSE, pl. XIX, fig. 11, 11a (=PICTET, 1863, pl. 1 bis, fig. 1a, 1b)
 *1955 *Pseudothurmannia picteti* - SARKAR, p. 152
 ?1960 *Pseudothurmannia picteti* - DRUSHCHITS, p. 288, pl. XXX, fig. 6

- 1962a *Crioceratites (Pseudothurmannia) provencalis* - WIEDMANN, p. 116
 1965a *Crioceratites picteti* - BRESKOVSKI, p. 207, pl. I, fig. 4
 non1966 *Pseudothurmannia picteti* - BRESKOVSKI, p. 81, pl. II, fig. 5, 6 (=?*Pseudothurmannia catulloi*)
 ?1967 *Pseudothurmannia picteti* - DIMITROVA, p. 74, pl. XXXV, fig. 1
 1978 *Crioceratites (Pseudothurmannia) provencalis* - IMMEL, p. 116
 1981 *Pseudothurmannia picteti* - CHAROLLAIS et al., p. 35, pl. 5, fig. 1
 non1982a *Crioceratites (Pseudothurmannia) provencalis* - BRAGA et al., p. 685, pl. 1, fig. 6 (=?*Pseudothurmannia* sp.)
 ?1989 *Pseudothurmannia* gr. *picteti* - SCHROEDER et al., pl. I, fig. 9
 ?1990 *Pseudothurmannia angulicostata* - THOMEL, pl. VI, fig. 8, 9, 10, 11, 12
 1995 *Pseudothurmannia picteti* - AVRAM, p. 119, pl. 8, fig. 5, 6, 7
 1995 *Pseudothurmannia* aff. *picteti* - AVRAM, p. 119, pl. 8, fig. 8
 non1995 *Crioceratites «provencalis»* Braga et al., non Wiedmann - HOEDEMAEKER, p. 236, pl. 5, fig. 8, 9 (=?*Pseudothurmannia* sp.)
 ?1997 *Pseudothurmannia picteti* - ATABEKIAN et al., p. 128, pl. 36, fig. 5a, 5b, 6a, 6b, 6b
 ?2000 *Pseudothurmannia picteti* - ARKADIEV et al., p. 114, pl. 4, fig. 1 (=ATABEKIAN et al., 1997, pl. 36, fig. 6a, 6b, 6b)
 non2000 *Crioceratites "provencalis"* Braga et al., non Wiedmann - VAŠÍČEK & FAUPL, p. 603, pl. VI, fig. 8 (=?*Pseudothurmannia* sp.)
 2002 *Pseudothurmannia picteti* - VERMEULEN et al., pl. 2, fig. 1
 2003 *Pseudothurmannia picteti* - COMPANY et al., p. 691, fig. 6: 6, ?6: 7
 2003a *Pseudothurmannia picteti* - VERMEULEN, pl. 57, fig. 4 (=VERMEULEN et al., 2002, pl. 2, fig. 1)
 2003 *Pseudothurmannia picteti* - BUSNARDO et al., p. 67, pl. XXIX, fig. 4 (=PICTET, 1863, pl. 1 bis, fig. 1a, 1b)
 ?2003 *Pseudothurmannia* cf. *picteti* - BUSNARDO et al., p. 67, pl. XXIX, fig. 1 (=PICTET, 1863, pl. 1bis, fig. 2a, 2b)

***Pseudothurmannia pseudomalbosi* (SARASIN & SCHÖNDELMAYER, 1901)**

- 1860 *Ammonites angulicostatus* - OOSTER, p. 114, pl. 23, fig. 1, 2, 3, 4
 *1901 *Hoplites pseud-Malbosi* - SARASIN & SCHÖNDELMAYER, p. 79, pl. X, fig. 1, 2
 1907 *Crioceras angulicostatum* - KARAKASCH, pl. XV, fig. 1
 1949 *Pseudothurmannia angulicostata* - LUPPOV et al., p. 223, pl. LXIII, fig. 4 (=KARAKASCH, 1907, pl. XV, fig. 1)
 1949 *Pseudothurmannia pseudomalbosi* - LUPPOV, p. 223, pl. LXIII, fig. 5, 6a, 6b
 1952 *Pseudothurmannia pseudo-malbosi* - LUPPOV, p. 199, pl. V, fig. 2, 3a, 3b (=LUPPOV, 1949, pl. LXIII, fig. 5, 6a, 6b)
 1955 *Pseudothurmannia pseudomalbosi* - SARKAR, p. 151
 1961 *Pseudothurmannia* cf. *pseudomalbosi* - ERISTAVI, p. 98, pl. V, fig. 1
 1962a *Pseudothurmannia karakaschi* - MANOLOV, p. 536, pl. 73, fig. 9, pl. 74, fig. 2
 1966 *Pseudothurmannia pseudomalbosi* - BRESKOVSKI, p. 80, pl. II, fig. 4
 1967 *Pseudothurmannia pseudomalbosi* - DIMITROVA, p. 72, pl. XXXI, fig. 3
 1995 *Pseudothurmannia* cf. *pseudomalbosi* - AVRAM, p. 119, pl. 8, fig. 3, 4
 2002b *Pseudothurmannia* cf. *pseudomalbosi* - AVRAM, pl. I, fig. 8
 2003 *Pseudothurmannia pseudomalbosi* - COMPANY et al., fig. 6: 5
 2003 *Parathurmannia pseudomalbosi* - BUSNARDO et al., p. 71, pl. XVIII, fig. 4 (=SARASIN & SCHÖNDELMAYER, 1901, pl. X, fig. 1)

***Pseudothurmannia renevieri* (SARASIN & SCHÖNDELMAYER, 1901)**

- *1901 *Hoplites Renevieri* - SARASIN & SCHÖNDELMAYER, p. 89, pl. XI, fig. 1, 2
 1952 *Pseudothurmannia* cf. *renevieri* - LUPPOV, p. 201
 1955 *Pseudothurmannia renevieri* - SARKAR, p. 151

- 1961 *Pseudothurmannia* cf. *renevieri* - ERISTAVI, p. 98
 non1967 *Pseudothurmannia renevieri* - DIMITROVA, p. 75, pl. XXXV, fig. 2
 2003 *Parathurmannia renevieri* - BUSNARDO et al., p. 70, pl. IX, fig. 8, pl. XVII, fig. 1
 (=SARASIN & SCHÖNDELMAYER, 1901, pl. XI, fig. 1), pl. XVIII, fig. 2 (=SARASIN &
 SCHÖNDELMAYER, 1901, pl. XI, fig. 2), text-fig. 26

***Pseudothurmannia rugosa* BUSNARDO, 2003**

- *2003 *Pseudothurmannia rugosa* - BUSNARDO et al., p. 68, pl. XXI, fig. 2, 7

***Pseudothurmannia sarasini* SARKAR, 1955**

- 1858 *Ammonites angulicostatus* - PICTET & DE LORIO, p. 23, pl. IV, fig. 3 a, c, d
 1901 *Hoplites angulicostatus* - SARASIN & SCHÖNDELMAYER, p. 81, pl. X, fig. 3
 1919 *Parahoplites angulicostatus* - RODIGHIERO, p. 103(67), pl. IX (IV), fig. 4
 *1955 *Pseudothurmannia sarasini* - SARKAR, p. 155
 1967 *Crioceratites (Pseudothurmannia) mortilleti catulloi* - BACELLE & GARAVELLO, p. 137, pl.
 III, fig. 4
 1995 *Pseudothurmannia sarasini* - CECCA et al., p. 198, pl. 1, fig. 1
 1995 *Pseudothurmannia sarasini* - CECCA & PALLINI, p. 212, pl. 1, fig. 12 (=CECCA et al., 1995,
 pl. 1, fig. 1)
 1995 *Pseudothurmannia (Pseudothurmannia) sarasini* - HOEDEMAEKER, p. 230, pl. 2, fig. 10
 1996 *Pseudothurmannia sarasini* - CECCA et al., fig. 3a, 3b
 1998 *Pseudothurmannia sarasini* - CECCA et al., p. 92, pl. 5, fig. 15 (=CECCA et al., 1995, pl. 1,
 fig. 1), 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, text-fig. 15a, 15b, 15c, 15d, 16d
 1999 *Pseudothurmannia* aff. *sarasini* - BAUDIN et al., p. 490, fig. 3C
 1999 *Pseudothurmannia sarasini* - BAUDIN et al., p. 490, fig. 3D
 2002 *Pseudothurmannia sarasini* - BODROGI & FOGARASI, p. 304, pl. 1, fig. 1, 2
 2002 *Pseudothurmannia* aff. *sarasini* - VERMEULEN et al., pl. 3, fig. 4
 2003 *Parathurmannia* gr. *sarasini* - BUSNARDO et al., p. 69, pl. IX, fig. 2, pl. XII, fig. 1, 2, 9, pl.
 XV, fig. 1, 6, pl. XXXII, fig. 3, 5, 6
 2004 *Pseudothurmania (Pseudothurmannia) sarasini* - I. KAKABADZE, p. 385, pl. II, fig. 8
 2005 *Pseudothurmania (Pseudothurmannia) sarasini* - I. KAKABADZE in KOTETISHVILI et al., p.
 350, pl. 72, fig. 5 (=I. KAKABADZE, 2004, pl. II, fig. 8)

***Sornayites* WIEDMANN, 1962**

(1962a, p. 140)

TYPE SPECIES: *Crioceras emerici* PARONA, 1898, p. 142, pl. XVII, fig. 6⁴⁶

INCLUDED (SUB)SPECIES:

<i>clausus</i> -	SARASIN & SCHÖNDELMAYER, 1902, p. 121, pl. XV, fig. 1 (HT by OD) ⁴⁷
<i>clausus flexuosus</i> -	SARKAR, 1955, p. 90, pl. VI, fig. 7 (HT by MT)
<i>crioceroides</i> -	TORCAPEL, 1884, p. 139, pl. VIII, fig. 1a, 1b (LT designated by BUSNARDO, 1970, p. 135)
<i>edouardi</i> -	HONNORAT-BASTIDE, 1890, p. 462, pl. XI, fig. 1, 2 (HT by MT)

⁴⁶ BUSNARDO, 2003 proposed *Pseudothurmannia simionescui* as new type species of the genus because the specimen of PARONA, 1898 seems to be lost. This designation is not valid.

⁴⁷ This is the best specimen in the view of SARASIN & SCHÖNDELMAYER; the other is 'mal conservé, ne suffirait certainement pas pour caractériser une nouvelle espèce'. This is not the holotype (lectotype) as BUSNARDO, 2003 stated.

<i>imlayi</i> -	SARKAR, 1955, p. 91, pl. VI, fig. 17 (HT by MT)
<i>lardyi</i> -	OOSTER, 1860, p. 53, pl. 48, fig. 1 (LT designated by SARASIN & SCHÖNDELMAYER, 1902, p. 112)
<i>?monasteriensis</i> -	SIMIONESCU, 1899, p. 483, pl. I, fig. 3 (LT designated by BUSNARDO, 1970, p. 136)
<i>paronai</i> -	SARKAR, 1955, p. 97 (HT PARONA, 1898, p. 142, pl. XVII, fig. 6) (neotype requested)
<i>simionescui</i> -	SARKAR, 1955, p. 157, pl. XI, fig. 1 (HT by OD)
<i>spinatus</i> -	BUSNARDO, 2003, p. 72, pl. XIX, fig. 2 (HT by OD)

***Sornayites clausus* (SARASIN & SCHÖNDELMAYER, 1902)**

- *1902 *Crioceras clausum* - SARASIN & SCHÖNDELMAYER, p. 121, pl. XIV, fig. 2, pl. XV, fig. 1
- 1910b *Crioceras clausum* - KILIAN, p. 271
- 1955 *Emericeras clausum* - SARKAR, p. 90
- 1996 *Crioceratites* sp. aff. *C. clausum* - FARAONI et al., pl. 1, fig. 1
- 2003 *Sornayites clausus* - BUSNARDO et al., p. 72, pl. XIX, fig. 5 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XIV, fig. 2), pl. XXX, fig. 5 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XV, fig. 1)

***Sornayites clausus flexuosus* (SARKAR, 1955)**

- *1955 *Emericeras clausum* var. *flexuosa* - SARKAR, p. 90, pl. VI, fig. 7

***Sornayites crioceroides* (TORCAPEL, 1884)**

- *1884 *Ammonites crioceroides* - TORCAPEL, p. 139, pl. VIII, fig. 1a, 1b
- 1899 *Hoplites crioceroides* - SIMIONESCU, p. 484
- 1962a *Sornayites crioceroides* - WIEDMANN, p. 141
- 2003 *Sornayites crioceroides* - BUSNARDO et al., p. 72

***Sornayites edouardi* (HONNORAT-BASTIDE, 1890)**

- *1890 *Crioceras Edouardi* - HONNORAT-BASTIDE, p. 462, pl. XI, fig. 1, 2
- 1900 *Crioceras Edouardi* - SIMIONESCU, p. 517
- 1910b *Crioceras Edouardi* - KILIAN, p. 271
- 1915 *Crioceras Edouardi* - KILIAN & REBOUL, p. 67
- 1955 *Pseudothurmannia edouardi* - SARKAR, p. 156
- 1962a *Crioceratites (Sornayites) edouardi* - WIEDMANN, p. 141
- non1965b *Crioceratites (Crioceratites) edouardi* - THOMEL, p. 417, pl. IX
- 2000 *Sornayites* gr. *edouardi* - SCHROEDER et al., p. 28
- 2003 *Sornayites edouardi* - BUSNARDO et al., p. 73, pl. XXVIII, fig. 4a, 4b (=HONNORAT-BASTIDE, 1890, pl. XI, fig. 1, 2)

***Sornayites imlayi* (SARKAR, 1955)**

- *1955 *Emericeras imlayi* - SARKAR, p. 91, pl. VI, fig. 17
- 1994 *Emericeras imlayi* - CECCA et al., p. 560, fig. 5e
- 1998 *Crioceratites (Emericeras) imlayi* - CECCA et al., p. 90, pl. 3, fig. 22 (=CECCA et al., 1994, fig. 5e), table 18
- 2002 *Sornayites imlayi* - VERMEULEN et al., pl. 3, fig. 3 (=SARKAR, 1955, pl. VI, fig. 17)
- 2004 *Sornayites imlayi* - VERMEULEN, pl. 4, fig. 3 (=SARKAR, 1955, pl. VI, fig. 17)

***Sornayites lardyi* (OOSTER, 1860)**

- *1860 *Ancyloceras Lardyi* - OOSTER, p. 53, pl. 48, fig. 1, ?fig. 2, 3, non fig. 4, 5
1902 *Crioceras Lardyi* - SARASIN & SCHÖNDELMAYER, p. 112, pl. XII, fig. 2 (=OOSTER, 1860, pl. 48, fig. 1)
1910b *Crioceras Lardyi* - KILIAN, p. 271
1955 *Emericiceras lardyi* - SARKAR, p. 89
1998 *Crioceras (Emericiceras) lardyi* - CECCA et al., p. 91
2003 *Sornayites lardyi* - BUSNARDO et al., p. 73, pl. XXX, fig. 6 (=OOSTER, 1860, pl. 48, fig. 1)

***Sornayites? monasteriensis* (SIMIONESCU, 1899)**

- 1895 *Hoplites monasteriensis* - KILIAN & LEENHARDT, p. 975 (nomen nudum)
*1899 *Hoplites monasteriensis* Kil. in coll. - SIMIONESCU, p. 483, pl. I, fig. 3
1910b *Hoplites Monasteriensis* - KILIAN, p. 222
1915 *Acanthoplites Monasteriensis* - KILIAN & REBOUL, p. 272
1955 *Hoplites monasteriensis* - SARKAR, p. 151

***Sornayites paronai* (SARKAR, 1955)**

- 1898 *Crioceras Emerici* - PARONA, p. 142, pl. XVII, fig. 6
*1955 *Emericiceras paronai* - SARKAR, p. 97
1962a *Sornayites paronai* - WIEDMANN, p. 140

***Sornayites simionescui* (SARKAR, 1955)**

- 1898 *Crioceras angulicostatum* - SIMIONESCU, p. 142(86), pl. VI, fig. 2
*1955 *Pseudothurmannia simionescui* - SARKAR, p. 157, pl. XI, fig. 1
1962a *Sornayites simionescui* - WIEDMANN, p. 141
?1966 *Pseudothurmannia simionescui* - BRESKOVSKI, p. 80, pl. II, fig. 3 (= ?*Emericiceras paramahansai*)
1967 *Pseudothurmannia simionescui* - DIMITROVA, p. 73, pl. XXXIV, fig. 2
1969 *Pseudothurmannia edouardi* - PATRULIUS, pl. V, fig. 5 (=SIMIONESCU, 1898, pl. VI, fig. 2)
1976b *Pseudothurmannia simionescui* - MANDOV, p. 67, pl. VIII, fig. 1
?1989 *Pseudothurmannia simionescui* - AUTRAN, pl. 13, fig. 5
?1993 *Pseudothurmannia simionescui* - AUTRAN, pl. 13, fig. 5 (=AUTRAN, 1989, pl. 13, fig. 5)
1995 *Pseudothurmannia (Pseudothurmannia) simionescui* - HOEDEMAEKER, p. 231, pl. 2, fig. 8
2000 *Sornayites* gr. *simionescui* - SCHROEDER et al., p. 28
2002 *Pseudothurmannia* ex gr. *simionescui* - BODROGI & FOGARASI, p. 304, pl. 2, fig. 2
2003 *Sornayites simionescui* - BUSNARDO et al., p. 72, pl. XXIX, fig. 5 (=SARKAR, 1955, pl. IX, fig. 1)
2005 *Pseudothurmannia (Pseudothurmannia) simionescui* - I. KAKABADZE in KOTETISHVILI et al., p. 351, pl. 72, fig. 8

***Sornayites spinatus* BUSNARDO, 2003**

- *2003 *Sornayites spinatus* - BUSNARDO et al., p. 72, pl. XIX, fig. 2

***Subaspinoceras* THOMEL, DELANOY & AUTRAN, 1987 (1987, p. 216)**

TYPE SPECIES: *Ancyloceras Mulsanti* ASTIER, 1851, p. 448, pl. XX, fig. 8 (OD).
INCLUDED (SUB)SPECIES:

***Subaspinoceras dilatatum* (D'ORBIGNY, 1842)**

- *1842 *Ancyloceras dilatatus* - D'ORBIGNY, p. 494, pl. 121, fig. 1, 2
1850 *Ancyloceras dilatatus* - D'ORBIGNY, p. 65, n° 58
1852 *Ancyloceras dilatatum* - GIEBEL, p. 320
1860 *Ancyloceras Mulsanti* - OOSTER, p. 21, pl. 34, fig. 1, 2, 3
1860 *Ancyloceras dilatatum* - OOSTER p. 22, pl. 34, fig. 5, 6, 7, 8
1861 *Ancyloceras dilatatus* - PICTET & CAMPICHE, p. 45
1876 *Ancyloceras dilatatus* - REYNÈS, p. 106
1900 *Crioceras dilatatum* - SIMIONESCU, p. 517
1902 *Crioceras Mulsanti* - SARASIN & SCHÖNDELMAYER, p. 138, pl. XVIII, fig. 1, 2
1902 *Crioceras dilatatum* - SARASIN & SCHÖNDELMAYER, p. 139
1910b *Crioceras (Ancyloceras) dilatatum* - KILIAN, p. 225, 272
?1916 *Crioceras* cf. *dilatatum* - DOUVILLÉ, p. 114, pl. XV, fig. 2
1955 *Aspinoceras dilatatum* - SARKAR, p. 128
1957 *Aspinoceras dilatatum* - ARKELL et al., p. L211, fig. 240: 5 (=D'ORBIGNY, 1842, pl. 121, fig. 1)
1976b *Acrioceras (Aspinoceras) dilatatum* - MANDOV, p. 63, pl. VII, fig. 2
1980 *Paraspinoceras dilatatum* - THOMEL, p. 51, fig. 88
1987 *Ancyloceras dilatatum* - THOMEL, DELANOY & AUTRAN, p. 217
1995 *Crioceratites dilatatum* - ROPOLO & GONNET, p. 96, pl. 1, fig. 4, 5
1996 *Hoplocrioceras dilatatum* - WRIGHT et al., p. 223, fig. 175: 3e (=D'ORBIGNY, 1842, pl. 121, fig. 1)
?2001 *Aspinoceras* aff. *dilatatum* - ALY & ABDEL-GAWAD, p. 35, pl. 2, fig. 2, 3
2003 *Subaspinoceras dilatatum* - BUSNARDO et al., p. 76, pl. VI, fig. 8 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XVIII, fig. 2), fig. 9
2006 *Subaspinoceras dilatatum* - BUSNARDO in GAUTHIER, p. 146, pl. 15, fig. 2 (=D'ORBIGNY, 1842, pl. 121, fig. 1)

***Subaspinoceras mulsanti* (ASTIER, 1851)**

- *1851 *Ancyloceras Mulsanti* - ASTIER, p. 448, pl. XX, fig. 8
1860 *Ancyloceras Mulsanti* - OOSTER, p. 21, pl. 34, fig. 4 (=ASTIER, 1851, pl. XX, fig. 8)
non1860 *Ancyloceras Mulsanti* - OOSTER, p. 21, pl. 34, fig. 1, 2, 3 (=Subaspinoceras dilatatum)
1876 *Ancyloceras Mulsanti* - REYNÈS, p. 106
1900 *Crioceras Mulsanti* - SIMIONESCU, p. 519
non1902 *Crioceras Mulsanti* - SARASIN & SCHÖNDELMAYER, p. 138, pl. XVIII, fig. 1, 2 (=Subaspinoceras dilatatum)
1910b *Crioceras (Ancyloceras) dilatatum* (=C*rioceras Mulsanti*) - KILIAN, p. 272
1955 *Protacrioceras mulsanti* - SARKAR, p. 131, pl. VII, fig. 17 (=ASTIER, 1851, pl. XX, fig. 8)
1965a *Acrioceras (Protacrioceras) mulsanti* - THOMEL, p. 52, pl. X, fig. 2
1980 *Protacrioceras mulsanti* - THOMEL, p. 51, fig. 87 (=THOMEL, 1965a, pl. X, fig. 2)
1987 *Subaspinoceras mulsanti* - THOMEL, DELANOY, AUTRAN, p. 218, pl. 1, fig. 3
1988 *Acrioceras (Acrioceras) mulsanti* - VAŠÍČEK & MICHALÍK, p. 662, pl. I, fig. 2, pl. II, fig. 1
1989 *Acrioceras (Acrioceras) mulsanti* - VAŠÍČEK, p. 118, pl. II, fig. 1 (=VAŠÍČEK & MICHALÍK, 1988, pl. II, fig. 1)

***Paracostidiscus* BUSNARDO, 2003**
(2003, p. 78)

TYPE SPECIES: *Paracostidiscus radians* BUSNARDO, 2003, p. 78, pl. XVII, fig. 5 (OD).

INCLUDED (SUB)SPECIES:

radians -

BUSNARDO, 2003, p. 78, pl. XVII, fig. 5 (HT by OD)

***Paracostidiscus radians* BUSNARDO, 2003**

- *2003 *Paracostidiscus radians* - BUSNARDO et al., p. 78, pl. XVII, non fig. 5, fig. 6 (=OOSTER, 1860, pl. 40, fig. 6) (= ?*Megacrioceras* sp.)
 2006 *Paracostidiscus radians* - FÖZY & JANSSEN, p. 50, fig. 4E

***Theodorites* BARABOSHKIN & MIKHAILOVA, 2006⁴⁸**
 (2006, p. 20)

TYPE SPECIES: *Theodorites theodori* BARABOSHKIN & MIKHAILOVA, 2006, p. 20, pl. I, fig. 1a, 1b, 1c (OD).

INCLUDED (SUB)SPECIES:

drushitsi -

BARABOSHKIN & MIKHAILOVA, 2006, p. 21, pl. I, fig. 2a, 2b, 2c (HT by OD)

theodori -

BARABOSHKIN & MIKHAILOVA, 2006, p. 20, pl. I, fig. 1a, 1b, 1c (HT by OD)

***Theodorites drushitsi* BARABOSHKIN & MIKHAILOVA, 2006**

- *2006 *Theodorites drushitsi* - BARABOSHKIN & MIKHAILOVA, p. 21, pl. I, fig. 2a, 2b, 2c, 3

***Theodorites theodori* BARABOSHKIN & MIKHAILOVA, 2006**

- *2006 *Theodorites theodori* - BARABOSHKIN & MIKHAILOVA, p. 20, pl. I, fig. 1a, 1b, 1c

***Diamanticeras* VERMEULEN, 2004**
 (2004, p. 76)

TYPE SPECIES: *Neohoplites diamantensis* GERTH, 1925, p. 115, pl. I, fig. 3 (OD).

INCLUDED (SUB)SPECIES:

bederi -

GERTH, 1925, p. 116, pl. II, fig. 1, 1a (HT by MT)

diamantense -

GERTH, 1925, p. 115, pl. I, fig. 3 (LT designated by AGUIRRE-URRETA, 1993, p. 62)

diamantense nodusum -

TAVERA, 1956, p. 207 (nomen nudum)

schlagintweiti -

GIOVINE, 1950, p. 51, pl. V, fig. 3, 4 (LT designated by RICCARDI, 1988, p. 88)

***Diamanticeras bederi* (GERTH, 1925)**

- 1921 *Neohoplites*⁴⁹ *Beederi* - GERTH, p. 144 (nomen nudum)
 *1925 *Crioceras Bederi* - GERTH, p. 116, pl. II, fig. 1, 1a
 1928 *Crioceras Bederi* - GERTH, p. 482
 1931 *Crioceras Bederi* - WINDHAUSEN, pl. 34, fig. 3 (=GERTH, 1925, pl. II, fig. 1, 1a)

⁴⁸ COMPANY (herein) would rather include this genus in the Endemoceratoidea together with *Endemoceras*.

⁴⁹ *Neohoplites* GERTH, 1921, p. 144 is a nomen nudum (see WRIGHT et al., 1996, p. 215).

- 1950 *Crioceras bederi* - GIOVINE, p. 55
 1993 *Crioceratites bederi* - AGUIRRE-URRETA, p. 67
 2004 *Diamanticeras bederi* - VERMEULEN, p. 77
 2005 *Crioceratites bederi* - MOURGUES et al., p. 150

***Diamanticeras diamantense* (GERTH, 1925)**

- 1921 *Neohoplites diamantensis* - GERTH, p. 144 (nomen nudum)
 *1925 *Crioceras diamantense* - GERTH, p. 115, pl. I, fig. 3, 4, 4a, text-fig. 15, 16
 1928 *Crioceras diamantense* - GERTH, p. 482, pl. XIX, fig. 4, 5 (=GERTH, 1925, pl. I, fig. 3, 4a)
 1931 *Crioceras diamantense* - WEAVER, p. 462, pl. 57, fig. 360, 361
 1950 *Crioceras diamantense* - GIOVINE, p. 53, pl. V, fig. 1, pl. VI, fig. 3, 4
 ?1956 *Crioceras diamantense* var. *nodosus* - TAVERA, p. 207
 1958 *Crioceras andinum* - CORVALÁN & PÉREZ, p. 44, pl. 11, fig. 25 (=GERTH, 1925, pl. I, fig. 3)
 1974 *Crioceras diamantense* - CORVALÁN, p. 26
 1977 *Crioceratites* (?) cf. *diamantense* - JURGAN, p. 428
 1988 *Crioceratites diamantensis* - RICCARDI, pl. 7, fig. 1, 2
 1993 *Crioceratites diamantensis* - AGUIRRE-URRETA, pl. III, fig. 8 (=GERTH, 1925, pl. I, fig. 3)
 1999 *Crioceratites diamantensis* - AGUIRRE-URRETA et al., pl. I, fig. 11
 2004 *Diamanticeras diamantensis* - VERMEULEN, p. 76, pl. 2, fig. 1, 2 (=RICCARDI, 1988, pl. 7, fig. 1, 2)
 2005 *Crioceratites diamantensis* - AGUIRRE-URRETA et al., fig. 7h

***Diamanticeras schlagintweiti* (GIOVINE, 1950)**

- *1950 *Crioceras schlagintweiti* - GIOVINE, p. 51, pl. III, fig. 1, pl. V, fig. 2, 3, 4, text-fig. 3
 1988 *Crioceratites schlagintweiti* - RICCARDI, pl. 8, fig. 1, 2 (=GIOVINE, 1950, pl. V, fig. 3, 4)
 1993 *Crioceratites schlagintweiti* - AGUIRRE-URRETA, pl. IV, fig. 3 (=GIOVINE, 1950, pl. V, fig. 3, 4)
 2000a *Crioceratites (Crioceratites) schlagintweiti* - MOURGUES, fig. 3A, 3B, 3C
 2004 *Diamanticeras schlagintweiti* - VERMEULEN, p. 77
 2004 *Crioceratites* aff. *schlagintweiti* - MOURGUES, p. 6, fig. 5c
 2005 *Crioceratites schlagintweiti* - AGUIRRE-URRETA et al., fig. 7i

Family EMERICICERATIDAE VERMEULEN, 2004⁵⁰
 (= ?**PEDIOCERATIDAE** HYATT, 1900)
 (= ?**PROTACRIOCERATIDAE** DIMITROVA, 1970)
 (= **EMERICICERATINAE** BUSNARDO in GAUTHIER et al., 2006)⁵¹

***Davouxiceras* VERMEULEN, 2004⁵²**
 (2004, p. 77)

TYPE SPECIES: *Crioceras Nolani* KILIAN, 1910b, p. 224 (PICTET & CAMPICHE, 1861, pl. XLVII bis, fig. 2a, 2b) (OD).

INCLUDED (SUB)SPECIES:

<i>?apricum</i> -	GIOVINE, 1952, p. 72, pl. I, fig. 1, 2, 3, 4, 5 (HT by MT)
<i>basseae</i> -	SARKAR, 1955, p. 46, pl. V, fig. 4, text-fig. 7B (HT by MT)
<i>?belus</i> -	DIMITROVA, 1967, p. 48, pl. XVI, fig. 5 (HT by OD)
<i>duncanense</i> -	ANDERSON, 1938, p. 200, pl. 55, fig. 2 (HT by OD)
<i>elegans</i> -	D'ORBIGNY, 1842, p. 477, pl. 117, fig. 1 (LT designated by SARKAR, 1955, p. 48) ⁵³
<i>gignouxii</i> -	SARKAR, 1955, p. 74 (LT requested)
<i>hildesiense</i> -	VON KOENEN, 1902, p. 300, pl. XXII, fig. 5a, 5b (LT designated by IMMEL, 1978, p. 54)
<i>hildesiense antecessens</i> -	VON KOENEN, 1902, p. 303 (LT requested)
<i>?ishiharai</i> -	YABE & SHIMIZU, 1926, p. 85, pl. IV, text-fig. 1, 2 (HT by MT)
<i>kiliani</i> -	SIMIONESCU, 1898, p. 144 (LT requested)
<i>?latum</i> -	GABB, 1864, p. 76, pl. XIV, fig. 25b, pl. XV, fig. 25, 25a (HT by MT)
<i>lusitanicum</i> -	CHOFFAT, 1886, p. 6 (LT requested)
<i>nolani</i> -	KILIAN, 1910b, p. 224 (HT by OD PICTET & CAMPICHE, 1861, pl. XLVII bis, fig. 2a, 2b) (nomen novum for <i>Crioceras Picteti</i> NOLAN, 1894 non OOSTER, 1860) ⁵⁴
<i>nolani biassalense</i> -	LUPPOV et al., 1949, p. 250 (HT by OD KARAKASCH, 1907, pl. XVI, fig. 5a)
<i>picteti</i> non Ooster -	NOLAN, 1894, p. 192 (nomen novum for <i>Davouxiceras nolani</i>)
<i>picteti jurensis</i> -	NOLAN, 1894, p. 192 (HT by OD PICTET & CAMPICHE, 1861, pl. XLVII bis, fig. 1a, 1b)
<i>sablieri</i> -	ASTIER, 1851, p. 445, pl. XVIII, fig. 4 (HT by MT)
<i>?spinosum</i> -	DIMITROVA, 1967, p. 48, pl. XVI, fig. 7 (HT by OD)

⁵⁰ In the view of KAKABADZE (herein) the creation of the Emericiceratidae is not justified and unnecessary. According to him this family and all the genera listed in it must be included in the Crioceratitidae. ROPOLO (herein) does not agree with the phylogenetical classification of VERMEULEN, 2004 which based on disputable arguments as tuberculation, for example. Important facts as dimorphism, intrageneric or intraspecific variability, phylogenetic evolution are ignored according to ROPOLO.

⁵¹ BUSNARDO in GAUTHIER, 2006, note 9 on page 289.

⁵² According to VERMEULEN, 2004 this genus corresponds most certainly with several phylogenetic lineages that await description. In his publications of 2005 and the revision of his article in 2007 he indicates that *Emericeras* is an offshoot of *Davouxiceras*. COMPANY (herein) states that we do not know if all the species included in this genus are related, in his opinion this genus is in its present state an artificial one.

⁵³ Probably this specimen is lost or the drawing of D'ORBIGNY is a reconstruction of several fragmentary specimens.

⁵⁴ KILIAN, 1910b, p. 224 stated that OOSTER in the past had created a *Crioceras Picteti*, but that was *Ancyloceras Picteti*. So the new name *Crioceras Nolani* was not necessary, but is in common use now.

strombecki -

VON KOENEN, 1902, p. 305, pl. X, fig. 1a, 1b, 2 (LT designated herein)⁵⁵

stubelense -

DIMITROVA, 1967, p. 42, , pl. XVII, fig. 1 (HT by OD)

trituberculatum -

SARKAR, 1955, p. 67, pl. V, fig. 14 (HT by MT)

wermbteri -

VON KOENEN, 1902, p. 292, pl. XLIII., fig. 4 (LT designated herein)⁵⁶

***Davouxiceras? apricum* (GIOVINE, 1952)**

1950 *Paracrioceras* cf. *emerici* - GIOVINE, p. 59, pl. V, fig. 5

*1952 *Crioceras apricum* - GIOVINE, p. 72, pl. I, fig. 1, 2, 3, 4, 5

1988 *Crioceratites apricus* - RICCARDI, p. 87, pl. 7, fig. 3, 4, 5 (=GIOVINE, 1952, pl. I, fig. 1, 2, 3, 4, 5)

1993 *Crioceratites apricus* - AGUIRRE-URRETA, p. 63, pl. III, fig. 7 (=GIOVINE, 1952, pl. I, fig. 1, 2, 3, 4, 5)

1997 *Crioceratites apricus* - AGUIRRE-URRETA & RAWSON, p. 456, fig. 7c

1999 *Crioceratites apricum* - AGUIRRE-URRETA et al., pl. I, fig. 5, 6

?2001 *Crioceratites* (*Crioceratites*) aff. *apricus* - MATURANA, pl. 1, fig. 3, text-fig. 22

***Davouxiceras basseae* (SARKAR, 1955)**

*1955 *Crioceras basseae* - SARKAR, p. 46, pl. V, fig. 4, text-fig. 7B

1955 *Crioceras* cf. *basseae* - SARKAR, p. 47, pl. I, fig. 6, text-fig. 7C

1965a *Crioceratites* (*Crioceratites*) *basseae* - THOMEL, p. 25, pl. III, fig. 7

1965a *Crioceratites pivéteai* - BRESKOVSKI, p. 207, pl. I, fig. 9

1967 *Crioceratites pivéteai* - DIMITROVA, p. 41, pl. XVII, fig. 2

1978 *Crioceratites* (*Crioceratites*) *basseae* - IMMEL, p. 50, text-fig. 7c (=THOMEL, 1965a, pl. III, fig. 7)

1995 *Crioceratites pivéteai* - AVRAM, p. 117, pl. 7, fig. 7

1995 *Crioceratites basseae* - AVRAM, p. 119, pl. 7, fig. 3

***Davouxiceras? belus* (DIMITROVA, 1967)**

*1967 *Crioceratites belus* - DIMITROVA, p. 48, pl. XVI, fig. 5

***Davouxiceras elegans* (D'ORBIGNY, 1842)**

*1842 *Toxoceras elegans* - D'ORBIGNY, p. 477, pl. 117, fig. 1, 2, 3, 4, 5

1848 *Toxoceras elegans* - VON QUENSTEDT, p. 282, pl. 20, fig. 5

1850 *Toxoceras elegans* - D'ORBIGNY, p. 66, n° 62

1852 *Toxoceras elegans* - GIEBEL, p. 291

1902 *Crioceras elegans* - SARASIN & SCHÖNDELMAYER, p. 122

1910b *Crioceras* (*Toxoceras*) *elegans* - KILIAN, p. 271

1919 *Toxoceras elegans* - RODIGHIERO, p. 121, pl. XIII (VI), fig. 4

non1933 *Ancyloceras elegans* - ROUCHADZE, p. 223, pl. X, fig. 5 (= *Audouliceras* sp.)

1952 *Crioceratites* cf. *elegans* - LUPPOV, p. 227, pl. XIV, fig. 4

1955 «*Toxoceras*» *elegans* - SARKAR, p. 47

non1960 *Crioceratites elegans* - DRUSHCHITS, p. 290, pl. XXXI, fig. 4 (= *Acantholytoceras longispinum*)

1965a *Crioceratites* (*Crioceratites*) *nolani* var. *elegans* - THOMEL, p. 17, pl. II, fig. 1

?1968 *Crioceratites elegans* - ALIEV, p. 47, fig. 10

1969 *Crioceras nolani elegans* - PATRULIUS, pl. VI, fig. 2

⁵⁵ The only specimen of two that VON KOENEN, 1902 described and depicted.

⁵⁶ The specimen that VON KOENEN, 1902 described and depicted. The other specimen he knew is a fragment.

- non1970 *Crioceratites* cf. *elegans* - KOTETISCHVILI, p. 68, pl. V, fig. 2 (= *Audouliceras* sp.)
 non1970 *Crioceratites* aff. *elegans* - KOTETISCHVILI, p. 69, pl. V, fig. 3 (= *Audouliceras* sp.)
 1992 *Crioceratites elegans* - ROPOL & SALOMON, p. 195, pl. 2, fig. 2, 3, 4
 2006 *Crioceratites elegans* - BUSNARDO in GAUTHIER, p. 141, pl. 17, fig. 7 (=D'ORBIGNY, 1842, pl. 117, fig. 1), fig. 8, text-fig. 66

***Davouxiceras gignouxii* (SARKAR, 1955)**

- *1955 *Crioceras gignouxii* - SARKAR, p. 74, pl. III, fig. 10
 1987 «*Crioceras*» *gignouxii* - THOMEL, DELANOY & AUTRAN, pl. 1, fig. 1 (=SARKAR, 1955, pl. III, fig. 10)

***Davouxiceras hildesiense* (VON KOENEN, 1902)**

- 1902 *Crioceras Wermbteri* - VON KOENEN, p. 292, pl. XLIII, fig. 4
 *1902 *Crioceras Hildesiense* - VON KOENEN, p. 300, pl. XXII, fig. 5a, 5b, 6a, 6b, pl. XXV, fig. 8
 ?1902 *Crioceras* cf. *Hildesiense* var. *antecedens* - VON KOENEN, p. 303
 1902 *Crioceras Strombecki* - VON KOENEN, p. 305, pl. X, fig. 1a, 1b, 2
 ?1930 *Crioceras Strombecki* - ROCH, p. 316, pl. XVII, fig. 1 (= *Crioceratites*? *hildiensiiformis*)
 1942 *Crioceras strombecki* - DACQUÉ, pl. XII, fig. 2 (=VON KOENEN, 1902, pl. X, fig. 1a)
 1971 *Crioceratites der wermbteri* - *nolani* Gruppe - KEMPER, pl. 2, fig. 1
 1976 *Crioceratites* ex gr. *hildesiense* - KEMPER, pl. 2, fig. 1 (=KEMPER, 1971, pl. 2, fig. 1), pl. 27, fig. 3, 4, 10
 ?1977 *Crioceratites* cf. *hildesiense* - JURGAN, p. 426
 1978 *Crioceratites (Crioceratites) hildesiensis* - IMMEL, p. 54, pl. 6, fig. 1, 2, 3, pl. 8, fig. 2, text-fig. 9a (=VON KOENEN, 1902, pl. XLIII, fig. 4)
 1978 *Crioceratites (Crioceratites)* cf. *hildesiensis* - IMMEL, pl. 5, fig. 1
 1987 *Crioceratites nolani* - KEMPER & WIEDENROTH, p. 324, pl. 6, fig. 2 (=KEMPER, 1976, pl. 27, fig. 4)
 1989 *Crioceratites strombecki* - MUTTERLOSE, text-fig. 6A, 6B
 1992 *Crioceratites nolani* - KEMPER, pl. 55, fig. 13 (=KEMPER, 1971, pl. 2, fig. 1), fig. 14, pl. 56, fig. 1, 2, 3 (=KEMPER, 1976, pl. 27, fig. 10, 3, 4), fig. 4, pl. 57, fig. 5
 1997 *Crioceratites strombecki* - MUTTERLOSE et al., fig. 41.1, fig. 41.2, 41.3 (=MUTTERLOSE, 1989, text-fig. 6A, 6B)
 2002 *Crioceratites strombecki* - MUTTERLOSE & BORNEMANN, fig. 10.6: 12 (=MUTTERLOSE, 1989, text-fig. 6B)

***Davouxiceras? ishiwarai* (YABE & SHIMIZU, 1926)**

- *1926 *Crioceratites ishiwarai* - YABE & SHIMIZU, p. 85, pl. IV, text-fig. 1, 2
 1927 *Crioceras ishiharai* - YABE, pl. IV (II), fig. 1 (=YABE & SHIMIZU, 1926, p. 85, pl. IV)

***Davouxiceras? latum* (GABB, 1864)**

- *1864 *Crioceras latum* - GABB, p. 76, pl. XIV, fig. 25b, pl. XV, fig. 25, 25a
 1938 *Crioceras latum* - ANDERSON, p. 200, pl. 55, fig. 1 (=GABB, 1864, pl. XV, fig. 25)
 1938 *Crioceras duncanense* - ANDERSON, p. 200, pl. 55, fig. 2
 1960 *Crioceratites latum* - IMLAY, p. 196, pl. 26, fig. 6, 7 (=ANDERSON, 1938, pl. 55, fig. 2)

***Davouxiceras lusitanicum* (CHOFFAT, 1886)**

- *1886 *Crioceras Lusitanicum* - CHOFFAT, p. 6, pl. I, fig. 1
 1898 *Crioceras Kiliani* - SIMIONESCU, p. 144(88), pl. VII, fig. 1
 1900 *Crioceras Kiliani* - SIMIONESCU, p. 518
 1900 *Crioceras lusitanicum* - SIMIONESCU, p. 518

- 1902 *Crioceras Kiliani* - SARASIN & SCHÖNDELMAYER, p. 100
 1904 *Crioceras Kiliani* - SAYN & ROMAN, p. 632
 1905 *Crioceras* cf. *Kiliani* - RICHARZ, p. 348
 1907 *Crioceras Kiliani* - KARAKASCH, p. 136, pl. XXV, fig. 23
 1910b *Crioceras Lusitanicum* - KILIAN, p. 271
 1910b *Crioceras Kiliani* - KILIAN, p. 271
 1915 *Crioceras Kiliani* - KILIAN & REBOUL, p. 272
 1955 *Crioceras kiliani* - SARKAR, p. 52
 1955 *Crioceras lusitanicum* - SARKAR, p. 53
 1967 "*Crioceratites*" *lusitanicus* - DIMITROVA, p. 51, pl. XIII, fig. 1
 1976b *Crioceratites (Crioceratites) lusitanicum* - MANDOV, p. 61, pl. VII, fig. 1
 2000 *Crioceratites (Crioceratites) lusitanicus*- VAŠÍČEK & FAUPL, p. 603, pl. IV, fig. 7

***Davouxiceras nolani* (KILIAN, 1910)**

- 1842 *Crioceras Duvalii* Léveillé - D'ORBIGNY, p. 459, pl. 113, fig. 1, 2, 3, 4
 1851 *Ancyloceras Sablieri* - ASTIER, p. 445, pl. XVIII, fig. 4
 1852 *Crioceras Duvali* - BRONN, p. 325, pl. XXXII, fig. 14a, 14b, 14c (=D'ORBIGNY, 1842, pl. 113, fig. 1, 2, 4)
 1860 *Ancyloceras Sablieri* - OOSTER, p. 41, pl. 42, fig. 2 (=ASTIER, 1851, pl. XVIII, fig. 4), non pl. 40, fig. 6, 7, 8 (=?*Megacrioceras* sp.), pl. 42, fig. 1 (=Honnoratia munieri), pl. 43, fig. 1 (=Megacrioceras doublieri)
 1861 *Ancyloceras Duvalii* - PICTET & CAMPICHE, p. 37, pl. 47bis, fig. 1, 2
 1861 *Ancyloceras Sablieri* - PICTET & CAMPICHE, p. 48
 1863 *Crioceras Duvalii* - PICTET, p. 9, pl. 1, fig. 2
 1876 *Ancyloceras Duvali* - REYNÈS, p. 104
 1876 *Ancyloceras Sablieri* - REYNÈS, p. 106
 1888 *Crioceras Duvali* - VON GÜMBEL, pl. 439, fig. 7 (=D'ORBIGNY, 1842, pl. 113, fig. 1)
 1894 *Crioceras Picteti* - NOLAN, p. 192
 1894 *Crioceras Picteti* «var. *jurensis*» - NOLAN, p. 192
 ?1898 *Crioceras* sp. ind. aff. *Sablieri* - SIMIONESCU, p. 146(90)
 1900 *Crioceras Picteti* - SIMIONESCU, p. 519
 1900 *Crioceras Sablieri* - SIMIONESCU, p. 519
 1902 *Crioceras Sablieri* - SARASIN & SCHÖNDELMAYER, p. 100
 ?1907 *Crioceras Picteti* - KARAKASCH, p. 135, pl. XVI, fig. 5a, 5b, 5c, pl. XXVII, fig. 11
 *1910b *Crioceras Nolani* - KILIAN, p. 224, pl. 4, fig. 3a, 3b, text-fig. pl. 4, legend (=D'ORBIGNY, 1842, pl. 113, fig. 1, 3, 4)
 1910b *Crioceras Jurensis* - KILIAN, p. 270
 1910b *Crioceras Sablieri* - KILIAN, p. 270
 1919 *Crioceras Nolani* - RODIGHIERO, p. 112, pl. XII, fig. 5, 8, pl. XIII, fig. 1
 ?1936 *Crioceratites* sp. juv. gr. *jurensis* - BREISTROFFER, p. 145
 1946 *Crioceras picteti* - TZANKOV, pl. XII, fig. 1
 1949 *Crioceras nolani* var. *biassalense* - LUPPOV et al., p. 250, pl. LXXVI, fig. 3 (=KARAKASCH, 1907, pl. XVI, fig. 5a)
 non1950 *Crioceras Nolani* - BATALLER, p. 349, text-fig. pl. 349 (=NOLAN, pl. X, fig. 1a, 1b) (=Crioceratites majoricensis)
 1951 *Crioceras nolani* - BODYLEVSKY, p. 104, pl. LI, fig. 194 (=D'ORBIGNY, 1842, pl. 113, fig. 1)
 1952 *Crioceratites nolani biassalensis* - LUPPOV, p. 221, pl. XIV, fig. 1
 1955 *Crioceras nolani* - SARKAR, p. 44, pl. VII, fig. 19
 1955 *Crioceras sablieri* - SARKAR, p. 54, pl. II, fig. 1 (=ASTIER, 1851, pl. XVIII, fig. 4)
 ?1955 *Crioceras* sp. ind.- SARKAR, p. 70, pl. IV, fig. 16, text-fig. 10
 1957 *Crioceratites nolani* - ARKELL et al., p. L208, fig. 237: 6a, 6b (=D'ORBIGNY, 1842, pl. 113, fig. 1, 2)
 1960 *Crioceratites nolani* - DRUSHCHITS, p. 289, pl. XXXI, fig. 5, pl. XXXII, fig. 3

- 1962a *Crioceratites (Crioceratites) nolani* - WIEDMANN, p. 111, text-fig. 35: 2
- 1962b *Crioceratites (Crioceratites) nolani* - WIEDMANN, text-fig. 25: 2 (=WIEDMANN, 1962a, text-fig. 35: 2)
- 1962 *Crioceratites nolani* - BODYLEVSKI, p. 121, pl. LXI, fig. 4 (=D'ORBIGNY, 1842, pl. 113, fig. 1)
- 1965a *Crioceratites (Crioceratites) nolani* - THOMEL, p. 15, text-fig. 1
- 1965a *Crioceratites sablieri* - THOMEL, p. 18
- 1965 *Crioceratites (Crioceratites) nolani* - THIEULOY, fig. 3: 3
- 1967 *Crioceras stubelensis* - DIMITROVA, p. 42⁵⁷, , pl. XVII, fig. 1
- 1967 *Crioceratites picteti* - DIMITROVA, p. 43, pl. XVII, fig. 5
- 1967 *Crioceratites jurensis* - DIMITROVA, p. 44, pl. XVIII, fig. 1
- 1968 *Crioceratites (Crioceratites) sablieri* - WIEDMANN & DIENI, p. 81
- 1969 *Crioceratites nolani* - TZANKOV, p. 246, fig. 240b (=D'ORBIGNY, 1842, pl. 113, fig. 1, 2)
- 1975 *Crioceratites gr. nolani* - THIEULOY, pl. 10.15, fig. 7
- 1976b *Crioceratites (Crioceratites) nolani* - MANDOV, p. 55, pl. III, fig. 1, 2
- 1978 *Crioceratites (Crioceratites) nolani* - IMMEL, p. 35, pl. 3, fig. 3, text-fig. 3a (=PICTET & CAMPICHE, 1861, pl. XLVIIbis, fig. 2a)
- 1980 *Crioceratites nolani* - FISCHER, p. 224, pl. 106, fig. 1 (=D'ORBIGNY, 1842, pl. 113, fig. 1)
- 1983 *Crioceratites (Crioceratites) nolani* - VAŠÍČEK et al., p. 475, pl. 1, fig. 6
- ?1983 *Crioceratites (Crioceratites) emerici* - ADAMÍKOVÁ et al., p. 600, pl. 2, fig. 2
- ?1983 *Crioceratites (Crioceratites) nolani* - ADAMÍKOVÁ et al., p. 602, pl. 1, fig. 3
- 1985 *Crioceratites cf. nolani* - MISZLIVÉCZ, p. 155, pl. II, fig. 1
- non1986 *Crioceratites* sp. cf. *stubelensis* - MYCZYŃSKI & TRIFF, p. 125, pl. I, fig. 9, 10 (=Sabaudiella sp.)
- 1986 *Crioceratites (Crioceratites) nolani* - VAŠÍČEK & MICHALÍK, p. 458, pl. I, fig. 1
- 1987 *Crioceratites (Crioceratites) nolani* - IMMEL, p. 116
- 1989 *Crioceratites nolani* - AUTRAN, pl. 11, fig. 8
- 1992 *Crioceratites cf. nolani* - ROPOL & SALOMON, pl. 1, fig. 1, pl. 2, fig. 1
- 1992 *Crioceratites nolani morphe sablieri* - ROPOL & SALOMON, p. 194, pl. 1, fig. 2, 3, 4, 5, 6, 7, 8
- non1992 *Crioceratites nolani* - KEMPER, pl. 55, fig. 13 (=KEMPER, 1971, pl. 2, fig. 1), fig. 14, pl. 56, fig. 1, 2, 3 (=KEMPER, 1976, pl. 27, fig. 10, 3, 4), fig. 4, pl. 57, fig. 5 (=Davouxiceras hildesiense)
- 1993 *Crioceratites nolani* - AUTRAN, pl. 11, fig. 8 (=AUTRAN, 1989, pl. 11, fig. 8)
- 1994 *Crioceratites* sp. gr. *nolani* - BUSNARDO et al., p. 86, pl. 1, fig. 1
- 1995 *Crioceratites nolani* - AVRAM, p. 118, pl. 6, fig. 7, 8
- ?1995 *Crioceratites «nolani»* - HOEDEMAEKER, p. 228, pl. 6, fig. 8
- 1995 *Crioceratites nolani* - FARAONI et al., p. 230, pl. 2, fig. 10
- ?1995 *Crioceratites ex gr.* - MUTTERLOSE, pl. 7, fig. 4
- 1996 *Crioceratites nolani* - HOEDEMAEKER & BEMMEL, K1 (=D'ORBIGNY, 1842, pl. 113, fig. 1, 2)
- 1996 *Crioceratites (Crioceratites) nolani* - WRIGHT et al., p. 211, fig. 164: 5a, 164: 5b (=D'ORBIGNY, 1842, pl. 113, fig. 1, 2)
- 1997 *Paracrioceras cf. nolani* - PEZZONI et al., pl. 3, fig. 2
- ?1998 *Crioceratites cf. nolani* - MUTTERLOSE et al., p. 89, fig. 49: 1, 2, 3
- ?1999 *Crioceratites (Crioceratites) sp. gr. Crioceratites nolani* - PSZCZÓŁKOWSKI & MYCZYŃSKI, p. 70, fig. 13: 2
- 1999 *Crioceratites nolani* - VAŠÍČEK & MICHALÍK, p. 254, fig. 7: 1
- non2000b *Crioceratites nolani* - MOURGUES, fig. 3: 1, 3: 2, fig. 3: 3, 3: 4 (=BAYLE & COQUAND, 1851, pl. III, fig. 1, 2)
- 2002 *Crioceratites (Crioceratites) nolani* - VAŠÍČEK, pl. III, fig. 1
- 2003 *Crioceratites gr. nolani* - BUSNARDO et al., p. 64, pl. XXXI, fig. 2
- 2004b *Crioceratites (Crioceratites) cf. nolani* - LUKENEDER, pl. 3, fig. 5

⁵⁷ Page 214 in the French summary.

- 2004 *Crioceratites nolani* morphe *sablieri* - ETTACHFINI, p. 162, pl. 27, fig. 3a, 3b, 4
 2006 *Crioceratites nolani* - LUKENEDER & ASPMAIR, p. 60, pl. 5, fig. 10, 11
 2006 *Crioceratites nolani* - BUSNARDO & GAUTHIER in GAUTHIER, p. 134, pl. 14, fig. 1a, 1b, 2a, 2b, 2c, pl. 15, fig. 1, text-fig. 63, 64⁵⁸

***Davouxiceras? spinosum* (DIMITROVA, 1967)**

- *1967 *Crioceratites spinosus* - DIMITROVA, p. 48, pl. XVI, fig. 7

***Davouxiceras trituberculatum* (SARKAR, 1955)**

- *1955 *Crioceras villersianum* var. *trituberculata* - SARKAR, p. 67, pl. V, fig. 14
 1995 *Crioceratites trituberculatus* - AVRAM, p. 117, pl. 6, fig. 9, pl. 7, fig. 1

***Emericiceras* SARKAR, 1954
 (1954b, 619(2))**

TYPE SPECIES: *Crioceratites emerici* LÉVEILLÉ, 1837, p. 314, pl. XXIII, fig. 1a, 1b (OD).
 INCLUDED (SUB)SPECIES:

<i>bouladouxae bouladouxae</i> -	SARKAR, 1955, p. 79, pl. IV, fig. 8, pl. IX, fig. 2, text-fig. 12A (HT by MT)
<i>bouladouxae bulgaricum</i> -	DIMITROVA, 1967, p. 47, pl. XVI, fig. 1 (HT by OD)
<i>?cornuelianum</i> -	D'ORBIGNY, 1842, p. 465, pl. 115, fig. 1, 2, 3 (HT by MT)
<i>duvalianum</i> -	D'ORBIGNY, 1842, p. 479 (LT designated by BUSNARDO in GAUTHIER, 2006, p. 142, pl. 19, fig. 6a, 6b) ⁵⁹
<i>emericii</i> -	LÉVEILLÉ, 1837, p. 314, pl. XXIII, fig. 1a, 1b (LT designated by NIKOLOV, 1964, p. 121)
<i>emericii flexuosum</i> -	SARKAR, 1955, p. 77, pl. VII, fig. 10, text-fig. 11A (HT by MT)
<i>emericii orbignyi</i> -	SARKAR, 1955, p. 75 (HT by OD D'ORBIGNY, 1842, p. 463, pl. 114, fig. 3, 4, 5) ⁶⁰ (nomen dubium)
<i>emericii sarkari</i> -	THOMEL, 1965a, p. 31, pl. V, fig. 4 (HT by OD)
<i>emericii taraaen</i> -	SARKAR, 1955, p. 96, pl. VII, fig. 6 (HT by MT)
<i>fournetii</i> -	DUVAL, 1838, p. 327 (HT by MT DUVAL, 1839, pl. I) (nomen dubium)
<i>foxi</i> -	SARKAR, 1955, p. 90, pl. VII, fig. 18 (HT by MT)
<i>?gigas</i> -	ACKERMANN, 1932, p. 53, fig. 1a (LT designated by DIMITROVA, 1967, p. 44)
<i>journali</i> -	SARKAR, 1955, p. 82, pl. V, fig. 22, text-fig. 12C (HT by MT)
<i>koechlini</i> -	ASTIER, 1851, p. 443, pl. XV, fig. 1 (LT designated by SARKAR, 1955 in the legend of his plate III) ⁶¹

⁵⁸ BUSNARDO & GAUTHIER in GAUTHIER, 2006 designated a lectotype of *Crioceras Nolani* from the collection of d'Orbigny. However the name *Crioceras Nolani* is a nomen novum of KILIAN, 1910 for *Crioceras Picteti* NOLAN, 1894 that has as holotype *Ancyloceras Duvalii* in PICTET & CAMPICHE, 1861, pl. XLVII bis, fig. 2a, 2b from the Pictet collection.

⁵⁹ The drawing of D'ORBIGNY, 1842, pl. 117, fig. 6 is a composition of several fragments.

⁶⁰ The drawing of D'ORBIGNY, 1842 is a composition of the specimen of Léveillé and a specimen of his own collection.

⁶¹ SARKAR, 1955 p. 61 writes that SPATH (in collection) has chosen a lectotype from the 4 or 5 specimens of Astier that could be attributed to the species.

<i>koechlini recticostatum</i> -	SARKAR, 1955, p. 61, pl. IV, fig. 7 (HT by MT)
<i>koechlini tuberculatum</i> -	SARKAR, 1955, p. 61, pl. V, fig. 10 (HT by MT)
<i>?leivaense</i> -	KAKABADZE & HOEDEMAEKER, 1997, p. 59, pl. 1, fig. 1a, 1b (HT by OD)
<i>mahadevai</i> -	SARKAR, 1955, p. 62 (LT requested)
<i>mahadevai tuberculatum</i> -	SARKAR, 1955, p. 63, text-fig. 9 (LT by MT)
<i>mahakaliae</i> -	SARKAR, 1955, p. 82, pl. VI, fig. 2, text-fig. 12D (HT by MT)
<i>monopujaee</i> -	SARKAR, 1955, p. 83, pl. VI, fig. 4, text-fig. 12E (HT by MT)
<i>moutoni</i> -	ASTIER, 1851, p. 447, pl. XV, fig. 6 (HT by MT)
<i>ottohaasi</i> -	SARKAR, 1955, p. 95 (LT requested)
<i>ottohaasi tuberculatum</i> -	SARKAR, 1955, p. 95, pl. VI, fig. 6 (HT by MT)
<i>paramahansai</i> -	SARKAR, 1955, p. 83, pl. VI, fig. 1, text-fig. 12F (HT by MT)
<i>rasgradi</i> -	TOULA, 1892, p. 338, pl. I, fig. 8 (HT by MT)
<i>tener</i> -	KAKABADZE & THIEULOY, 1991, p. 85, pl. 1, fig. 8, 9 (HT by OD)
<i>varnense</i> -	DIMITROVA, 1967, p. 50, pl. XV, fig. 1 (HT by OD)
<i>villoutreysae</i> -	SARKAR, 1955, p. 84 (HT by OD PICTET & DE LORIOI, 1858, pl. V, fig. 8)

***Emericiceras? cornuelianum* (D'ORBIGNY, 1842)**

*1842	<i>Crioceras Cornuelianus</i> - D'ORBIGNY, p. 465, pl. 115, fig. 1, 2, 3
1850	<i>Crioceras Cornuelianus</i> - D'ORBIGNY, p. 65, n° 56
1851	<i>Ancyloceras cornuelianus</i> - ASTIER, p. 440
1852	<i>Crioceras Cornuelianum</i> - GIEBEL, p. 342
1861	<i>Ancyloceras Cornuelianus</i> - PICTET & CAMPICHE, p. 43
1868	<i>Crioceras cornuelianum</i> - VON EICHWALD, p. 1160
1900	<i>Crioceras Cornuelianum</i> - SIMIONESCU, p. 517
1902	<i>Crioceras Cornuelianum</i> - SARASIN & SCHÖNDELMAYER, p. 100
1910b	<i>Crioceras Cornuelianum</i> - KILIAN, p. 271
1930	<i>Crioceras</i> sp. gr. de <i>C. Cornuelianum</i> - ROCH, p. 316
1955	<i>Emericiceras cornuelianum</i> - SARKAR, p. 79
2006	<i>Crioceratites cornuelianus</i> - BUSNARDO & GAUTHIER in GAUTHIER, p. 137, pl. 16, fig. 1a, 1b (=D'ORBIGNY, 1842, pl. 115, fig. 1)

***Emericiceras duvalianum* (D'ORBIGNY, 1842)**

*1842	<i>Toxoceras Duvalianus</i> - D'ORBIGNY, p. 479, pl. 117, fig. 6, 7, 8, 9
1850	<i>Toxoceras Duvalianus</i> - D'ORBIGNY, p. 66, n° 63
1852	<i>Toxoceras Duvalianum</i> - GIEBEL, p. 291
1861	<i>Toxoceras Duvalianus</i> - PICTET & CAMPICHE, p. 55
1885	<i>Toxoceras Duvalianus</i> - VON QUENSTEDT, p. 584, pl. 45, fig. 24 (=D'ORBIGNY, 1842, pl. 117, fig. 6)
1902	<i>Toxoceras Duvalianum</i> - SARASIN & SCHÖNDELMAYER, p. 96
1910b	<i>Toxoceras Duvalianum</i> - KILIAN, p. 270
1955	« <i>Toxoceras duvalianum</i> » - SARKAR, p. 80, pl. V, fig. 23
1976b	« <i>Crioceratites</i> “ <i>duvalianus</i> - MANDOV, p. 62, pl. VIII, fig. 2
2006	<i>Emericiceras duvalianum</i> - BUSNARDO in GAUTHIER, p. 141, pl. 19, fig. 6a, 6b (=SARKAR, 1955, pl. V, fig. 23)

***Emericiceras emericii* (LÉVEILLÉ, 1837)**

- *1837 *Crioceratites Emericii* - LÉVEILLÉ, p. 314, pl. XXIII, fig. 1a, 1b
- 1842 *Crioceras Emerici* - D'ORBIGNY, p. 463, pl. 114, fig. 3, 4, 5⁶²
- 1842 *Crioceras Emericii* - MATHERON, p. 264, n° 354
- non1848 *Crioceras Emerici* - VON QUENSTEDT, p. 279, pl. 20, fig. 10a, 10b, 10c (= *Honnoratia thiollierei*)
- 1850 *Ancyloceras Emerici* - D'ORBIGNY, p. 101, n° 629
- 1852 *Ancyloceras Emerici* - GIEBEL, p. 322
- non1858 *Ancyloceras Emerici*⁶³ - PICTET & DE LORIO, p. 28, pl. V, fig. 8, 9, 10 (= ? *Emericiceras villoutreysae*)
- 1859 *Crioceras Emerici* - CHENU, p. 90, fig. 393, fig. 395 (= D'ORBIGNY, 1842, pl. 114, fig. 3)
- non1860 *Ancyloceras Emerici* - OOSTER, p. 47, pl. 46, fig. 1
- 1861 *Ancyloceras Emerici* - PICTET & CAMPICHE, p. 49
- ?1863 *Crioceras Emerici* - SCHÄFHAUTL, p. 421, pl. LXXVIII, fig. 1a, 1b
- 1868 *Crioceras Emerici* - VON EICHWALD, p. 1161
- ?1868 *Ancyloceras Emerici* - WINKLER, p. 19, pl. 3, fig. 4
- 1876 *Ancyloceras Emerici* - REYNÈS, p. 103
- 1880 *Crioceras Emerici* - WRIGHT, p. 259, text-fig. 177 (= D'ORBIGNY, 1842, pl. 114, fig. 3)
- 1881 *Crioceras* cf. *Emerici* - NEUMAYR & UHLIG, p. 193
- 1882b *Ancyloceras Emerici* - UHLIG, p. 384
- non1883 *Crioceras Emerici* - UHLIG, p. 261, pl. XXVII, fig. 3, pl. XXXII, fig. 1 (= *Honnoratia thiollierei*)
- non1885 *Crioceras Emerici* - VON QUENSTEDT, p. 584, pl. 45, fig. 21 (= VON QUENSTEDT, 1848, pl. 20, fig. 10a) (= *Honnoratia thiollierei*)
- 1886 *Crioceras Emerici* - TRAUTSCHOLD, p. 144
- 1888 *Crioceras Emerici* - UHLIG, p. 95
- ?1888 *Crioceras Emerici* - HERBICH, p. 278, pl. XV, fig. 10
- 1889 *Crioceras* sp. indet. aff. *Emerici* - HAUG, p. 207
- non1898 *Crioceras Emerici* - PARONA, p. 142, pl. XVII, fig. 6 (= *Sornayites paronai*)
- 1898 *Crioceras Emmerici* - SIMIONESCU, p. 143(87), pl. VI, fig. 3
- 1900 *Crioceras Emerici* - SIMIONESCU, p. 517
- 1900 *Crioceras Emerici* - PAQUIER, p. 303
- non1902 *Crioceras Emerici* - SARASIN & SCHÖNDELMAYER, p. 115, pl. XIII, fig. 1 (= OOSTER, 1860, pl. 47, fig. 2) (= *Honnoratia honnoratiana*), fig. 2 (variété B) (= *Honnoratia thiollierei*), fig. 3 (variété A) (= *Honnoratia thiollierei*)
- 1905 *Crioceras Emmerici* - RICHARZ, p. 350
- non1910b *Crioceras Emerici* var. *densicostata* - KILIAN, p. 271 (= SARASIN & SCHÖNDELMAYER, 1902, pl. XIII, fig. 3) (= *Honnoratia thiollierei*)
- 1910b *Crioceras Emerici* var. - KILIAN, pl. 6, fig. 6 (= D'ORBIGNY, 1842, pl. 114, fig. 3)
- non1919 *Crioceras Emerici* - RODIGHIERO, p. 113, pl. XII (V), fig. 9 (= *Honnoratia thiollierei*), fig. 10 (= *Rodighieroides cardulus*)
- 1921 *Crioceras Emerici* - PETKOVIĆ, p. 76
- 1930 *Crioceras Emerici* - ROCH, p. 340
- 1939 *Crioceras (Paracrioceras) ex gr. emericii* - LUPPOV, p. 35, pl. VII, fig. 2
- 1942 *Crioceras emericii* - DACQUÉ, pl. II, fig. 2 (= D'ORBIGNY, 1842, pl. 114, fig. 3)
- 1951 *Crioceras Emerici* - PETKOVIĆ & MARKOVIĆ, p. 31, pl. VI, fig. 2, 3
- 1955 *Emericiceras emericii* - SARKAR, p. 75
- 1955 *Emericiceras emericii* var. *orbignyi* - SARKAR, p. 75 (= D'ORBIGNY, 1842, pl. 114, fig. 3, 4, 5)
- 1955 *Emericiceras* cf. *emicii* sp. (forme n° 1) - SARKAR, p. 77, pl. V, fig. 13, text-fig. 11B

⁶² The drawing is according to D'ORBIGNY, 1842 a composition of the specimen of Léveillé and a specimen of his own collection.

⁶³ *Ancyloceras Duvallii*, LÉVEILLÉ on the plate.

- 1955 *Emericiceras* cf. *emerici* sp. (forme n° 2) - SARKAR, p. 78, pl. II, fig. 2, pl. V, fig. 21, text-fig. 11C
- 1955 *Emericiceras* cf. *emerici* sp. (forme n° 3) - SARKAR, p. 78, pl. IV, fig. 5, text-fig. 11D
- 1955 *Emericiceras* cf. *emerici* sp. (forme n° 4) - SARKAR, p. 79, pl. III, fig. 7, pl. IX, fig. 1, text-fig. 11E
- 1955 *Emericiceras otto haasi* var. *tuberculata* - SARKAR, p. 95, pl. VI, fig. 6
- non1960 *Emericiceras emerici* - DRUSHCHITS, p. 290, pl. XXXII, fig. 1, 2 (= *Paracrioceras rondishiense*)
- 1964 *Crioceratites emerici* - FÜLOP, pl. XXVII, fig. 3
- 1964 *Crioceratites emerici* - NIKOLOV, p. 121, pl. I, fig. 3, 7, ?pl. I, fig. 4, 5, 6, ?pl. II, fig. 1
- ?1965a *Crioceratites (Emericiceras) emerici* - THOMEL, p. 31, pl. IV, fig. 3
- 1965a *Crioceratites (Emericiceras) emerici* var. *sarkari* - THOMEL, p. 31, pl. V, fig. 4
- 1965 *Crioceratites (Emericiceras) emerici* - THIEULOY, fig. 3: 8
- 1966 *Crioceratites* cf. *emerici* - KALENICHENKO & KRUGLOV, p. 67, pl. II, fig. 5
- 1966 *Crioceratites (Emericiceras) emerici* - LINARES & VERA, p. 69, pl. 8, fig. 8
- 1966 *Crioceratites emerici* - BRESKOVSKI, p. 76, pl. II, fig. 1
- 1967 *Crioceratites emericii emericii* - DIMITROVA, p. 45, pl. XVIII, fig. 2 (=BRESKOVSKI, 1966, pl. II, fig. 1), fig. 5
- 1967 *Crioceratites emericii sarkari* - DIMITROVA, p. 45, pl. XVIII, fig. 3
- ?1967 *Crioceratites (Crioceratites) emericii* - NAGY, p. 70, pl. V, fig. 2, 5
- ?1969 *Crioceras emerici* - MUȚIU, p. 15, pl. I, fig. 6
- non1970 *Emericiceras emerici* - KOTETISCHVILI, p. 70, pl. IX, fig. 1 (= *Paracrioceras rondishiense*)
- 1974 *Crioceratites emerici* - LEFELD, p. 352, pl. 12
- 1975 *Crioceratites (Emericiceras)* cf. *emerici* - OBATA et al., pl. 1, fig. 12, 13, 14, 15, 16, 17
- ?1976 *Crioceratites emerici* - PATRULIUS & AVRAM, p. 165, pl. II, fig. 9
- 1977 *Crioceratites emerici* - RIEBER, p. 781, pl. 2, fig. 1
- 1978 *Crioceratites (Crioceratites) emerici* - IMMEL, p. 38, text-fig. 4a (=D'ORBIGNY, 1842, pl. 114, fig. 3)
- 1980 *Emericiceras emerici* - THOMEL, p. 48, fig. 82 (=LÉVEILLÉ, 1837, pl. XXIII, fig. 1a, 1b), fig. 83
- 1980 *Emericiceras emerici* var. *sarkari* - THOMEL, p. 48, fig. 84 (=THOMEL, 1965a, pl. V, fig. 4)
- 1981 *Crioceratites emerici* - KAKABADZE, p. 86, pl. XXI, fig. 1
- 1982 *Crioceratites (Emericiceras) emerici* - OBATA et al., pl. 1, fig. 4a, 4b, 4c, 4d, 6a, 6b
- ?1983 *Crioceratites (Crioceratites) emerici* - ADAMÍKOVÁ et al., p. 600, pl. 2, fig. 2 (= *?Crioceratites nolani*)
- ?1984 *Crioceratites* aff. *emerici* - AVRAM & KUSKO, p. 13, pl. II, fig. 11
- 1984 *Crioceratites emerici* - LEFELD, p. 101, pl. XXXIV, fig. 2 (=LEFELD, 1974, pl. 12)
- ?1985 *Crioceratites* cf. *emerici* - MISZLIVECZ, p. 155, pl. III, fig. 1
- 1987 *Crioceratites (Crioceratites) emericii* - IMMEL, p. 116, pl. 11, fig. 9
- 1989 *Emericiceras emerici* - CONTE, p. 34, fig. 6 on p. 35
- 1989 *Crioceratites emerici* - MAREK et al., p. 78, pl. XXXV, fig. 2 (=LEFELD, 1974, pl. 12)
- 1989 *Emericiceras* gr. *emerici* - SCHROEDER et al., pl. I, fig. 10
- 1990 *Crioceratites (Emericiceras)* gr. *emerici* - THOMEL, pl. II, fig. 3, 8, 9
- 1990 *Crioceratites (Emericiceras) emerici sarkari* - THOMEL, pl. 5, fig. 1, 2, 3 (=THOMEL, 1965a, pl. V, fig. 4)
- 1991 *Crioceratites emerici* - KAKABADZE & THIEULOY, p. 84, pl. 1, fig. 7, text-fig. 3
- 1995 *Crioceratites emerici* - AVRAM, p. 119, pl. 7, fig. 8
- non1995 *Crioceratites* n. sp. aff. *C. emerici* - AVRAM, p. 125, pl. 17, fig. 1, 2 (= *?Acantholytoceras* sp.)
- 1995 *Crioceratites emerici* - VAŠÍČEK, p. 176, pl. 5, fig. 1
- 1995 *Emericiceras emerici* - HOEDEMAEKER, p. 239, pl. 7, fig. 8
- ?1995 *?Crioceras emmerici* - AMBROSI et al., p. 65, pl. 3, fig. 8
- 1997 *Crioceratites* aff. *emerici* - KAKABADZE & HOEDEMAEKER, p. 62, pl. 2, fig. 1, pl. 3, fig. 1, 2, text-fig. 3
- 1998 *Emericiceras* gr. *emerici* - WITAM, 349, pl. IV, fig. 3a, 3b, 4, 5, 6

- 2000b *Crioceratites (Emericiceras) emerici* - DELANOY et al., p. 16, text-fig. pl. 14 (=LÉVEILLÉ, 1837, pl. XXIII, fig. 1a, 1b)
- 2001 *Crioceratites* cf. *emerici* - AVRAM & GRĂDINARU, p. 139, pl. 2, fig. 5
- 2003 *Emericiceras emerici* - BUSNARDO et al., p. 73, pl. XXIV, fig. 10
- 2004b *Crioceratites (Crioceratites) emericii* - LUKENEDER, pl. 3, fig. 4
- 2004 *Crioceratites* cf. *emericii* - MOURGUES, p. 7, fig. 6h
- 2006 *Emericiceras emerici* - BUSNARDO & GAUTHIER in GAUTHIER, pl. 19, fig. 1 (=LÉVEILLÉ, 1837, p. 314, pl. XXIII, fig. 1a, 1b), fig. 2, text-fig. 65a, 65b
- 2007 *Crioceratites (Crioceratites) emerici* - OBATA & MATSUKAWA, p. 377, fig. 4W, 5E, 5F, 5G, 5H, 5I, 5J, 5K, 5M, 5P, 5Q, 5R, 5S, 5T, 5U, 5V, 10, fig. 11A, 11B, 11C, 11D (=OBATA et al., 1982, pl. 1, fig. 4a, 4b, 4c, 4d), fig. 11E, 11F, 11G, 11H, 11I, 11J, 11K, 11L, 11M, 11N, 11O, 11P, 11Q, 11R, 11S, 11T

***Emericiceras fournetii* (DUVAL, 1838)**

- *1838 *Crioceratites Fournetii* - DUVAL, p. 327
- 1839 *Crioceratites fournetii* - DUVAL, p. 7, pl. I
- 1861 *Crioceras Fourneti* - PICTET & CAMPICHE, p. 49
- 1900 *Crioceras Fourneti* - SIMIONESCU, p. 518
- 1910b *Crioceras Fourneti* - KILIAN, p. 270, 271
- 1955 *Emericiceras fourneti* - SARKAR, p. 80

***Emericiceras foxi* SARKAR, 1955**

- *1955 *Emericiceras foxi* - SARKAR, p. 90, pl. VII, fig. 18

***Emericiceras? gigas* (ACKERMANN, 1932)**

- *1932 *Crioceras emerici* var. *gigas* - ACKERMANN, p. 53, afb. 1a
- 1967 *Crioceratites gigas* - DIMITROVA, p. 44, pl. XXVIII, fig. 2

***Emericiceras journoti* SARKAR, 1955⁶⁴**

- 1955 *Crioceras mahadevai* - SARKAR, p. 62, pl. V, fig. 7
- 1955 *Crioceras mahadevai* var. *tuberculata* - SARKAR, p. 63, text-fig. 9
- 1955 *Emericiceras bouldouxae* - SARKAR, p. 79, pl. IV, fig. 8, pl. IX, fig. 2, text-fig. 12A
- *1955 *Emericiceras journoti* - SARKAR, p. 82, pl. V, fig. 22, text-fig. 12C
- 1955 *Emericiceras emerici* var. *taraaen* - SARKAR, p. 96, pl. VII, fig. 6
- ?1964 *Crioceratites (Crioceratites) emerici* cf. var. *journoti* - JELETZKY, pl. XV, fig. 1
- 1966 *Crioceratites (Emericiceras) journoti* - LINARES & VERA, p. 69, pl. VIII, fig. 2
- ?1967 *Crioceratites bouldouxae bulgaricus* - DIMITROVA, p. 47, pl. XVI, fig. 1
- ?1967 *Crioceratites bouldouxae bouldouxae* - DIMITROVA, p. 47, pl. XVIII, fig. 6
- 1978 *Crioceratites (Crioceratites) journoti* - IMMEL, p. 41, text-fig. 4c (=SARKAR, 1955, pl. V, fig. 22)
- 1995 *Crioceratites journoti* - ROPOLO & GONNET, p. 100, pl. 3, fig. 1, 2, 3

***Emericiceras koechlini* (ASTIER, 1851)**

- *1851 *Ancyloceras Koechlini* - ASTIER, p. 443, pl. XV, fig. 1
- 1861 *Ancyloceras Koechlini* - PICTET & CAMPICHE, p. 47
- 1876 *Ancyloceras Koechlini* - REYNÈS, p. 105
- 1900 *Crioceras Koechlini* - SIMIONESCU, p. 518
- 1902 *Crioceras Koechlini* - SARASIN & SCHÖNDELMAYER, p. 100

⁶⁴ For precedence between simultaneously published names see ICZN article 24.

- 1910b *Crioceras Koechlini* - KILIAN, p. 271
 ?1930 *Crioceras* sp. cf. *Koechlini* - ROCH, p. 343
 1955 *Crioceras koechlini* - SARKAR, p. 60, pl. III, fig. 1 (=ASTIER, 1851, pl. XV, fig. 1)
 1955 *Crioceras koechlini* var. *recticostata* - SARKAR, p. 61, pl. IV, fig. 7
 1955 *Crioceras koechlini* var. *tuberculata* - SARKAR, p. 61, pl. V, fig. 10
 ?1955 *Crioceras* cf. *koechlini* (forme n° 1) - SARKAR, p. 62, pl. II, fig. 3
 ?1955 *Crioceras* cf. *koechlini* (forme n° 2) - SARKAR, p. 62, pl. II, fig. 8
 1955 *Emericiceras emerici* var. *flexuosa* - SARKAR, p. 77, pl. VII, fig. 10, text-fig. 11A
 1965a *Crioceratites (Crioceratites) koechlini* - THOMEL, p. 29, pl. IV, fig. 2
 1965a *Crioceratites (Crioceratites) koechlini* var. *recticostata* - THOMEL, p. 30, pl. XII, fig. 2
 1978 *Crioceratites (Crioceratites) koechlini* - IMMEL, p. 47, text-fig. 7a (=SARKAR, 1955, pl. III, fig. 1)
 1990 *Crioceratites koechlini* - THOMEL, pl. I, fig. 1 (=THOMEL, 1965a, pl. IV, fig. 2), pl. III, fig. 5, 6, 7, 8
 1990 *Crioceratites* gr. *koechlini* - THOMEL, pl. III, fig. 5, 6, 7, 8
 1990 *Crioceratites koechlini tuberculata* - THOMEL, pl. I, fig. 4
 1998 *Emericiceras* gr. *koechlini* - ARNAUD et al., pl. 5, fig. 1
 ?2000 *Crioceratites (Crioceratites) cf. koechlini* - TOSHIMITSU & HIRANO, p. 586
 2004 *Emericiceras koechlini* - VERMEULEN, pl. 1, fig. 1

***Emericiceras? leivaense* (KAKABADZE & HOEDEMAEKER, 1997)**

- *1997 *Crioceratites leivaensis* - KAKABADZE & HOEDEMAEKER, p. 59, pl. 1, fig. 1a, 1b, text-fig. 2

***Emericiceras mahakaliae* SARKAR, 1955**

- *1955 *Emericiceras mahakaliae* - SARKAR, p. 82, pl. VI, fig. 2, text-fig. 12D
 1995 *Crioceratites mahakaliae* - ROPOLO & GONNET, p. 99, pl. 2, fig. 3, 4, 5

***Emericiceras monopujaae* SARKAR, 1955**

- *1955 *Emericiceras monopujaae* - SARKAR, p. 83, pl. VI, fig. 4, text-fig. 12E

***Emericiceras moutoni* (ASTIER, 1851)**

- *1851 *Ancylloceras Moutoni* - ASTIER, p. 447, pl. XV, fig. 6
 1860 *Ancylloceras Moutoni* - OOSTER, p. 42, pl. 44, fig. 6, non fig. 1, 2, 3, 4, 5
 1889 *Crioceras (Toxoceras) Moutoni* - HAUG, p. 210
 1898 *Crioceras* cf. *Moutoni* - SIMIONESCU, p. 146(90)
 1900 *Crioceras Moutoni* - SIMIONESCU, p. 519
 1902 *Crioceras Moutoni* - SARASIN & SCHÖNDELMAYER, p. 100
 1910b *Crioceras Moutoni* - KILIAN, p. 271
 1955 *Crioceras moutoni* - SARKAR, p. 72, pl. III, fig. 11 (=ASTIER, 1851, pl. XV, fig. 6)

***Emericiceras ottohaasi* SARKAR, 1955**

- *1955 *Emericiceras otto haasi* - SARKAR, p. 95, pl. VI, fig. 5

***Emericiceras paramahansai* SARKAR, 1955**

- *1955 *Emericiceras paramahansai* - SARKAR, p. 83, pl. VI, fig. 1, text-fig. 12F
 1966 *Pseudothurmannia simionescui* - BRESKOVSKI, p. 80, pl. II, fig. 3
 1995 *Crioceratites paramahansai* - HOEDEMAEKER, p. 238, pl. 6, fig. 4
 2004 *Crioceratites* cf. *paramahansai* - PATRULIUS & AVRAM, p. 337

***Emericiceras rasgradi* (TOULA, 1892)**

- *1892 *Ancyloceras Rasgradi* - TOULA, p. 338, pl. I, fig. 8
1930 *Ancyloceras Rasgradi* - TZANKOV, p. 59, pl. VI, fig. 1, 2
1955 *Emericiceras rasgradi* - SARKAR, p. 84
1966 *Crioceratites rasgradi* - BRESKOVSKI, p. 78, pl. III, fig. 1
1967 *Crioceratites rasgradi* - DIMITROVA, p. 47, pl. XVI, fig. 6 (=TOULA, 1892, pl. I, fig. 8)

***Emericiceras tener* (KAKABADZE & THIEULOY, 1991)**

- *1991 *Crioceratites tener* Breistroffer in coll. - KAKABADZE & THIEULOY, p. 85, pl. 1, fig. 8, 9, 10, 11 text-fig. 4a, 4b, 4c
1997 *Crioceratites cf. tener* - KAKABADZE & HOEDEMAEKER, p. 61, pl. 10, fig. 2a, 2b

***Emericiceras varnense* (DIMITROVA, 1967)**

- *1967 "*Crioceratites*" *varnensis* - DIMITROVA, p. 50, pl. XV, fig. 1

***Emericiceras villoutreysae* SARKAR, 1955**

- 1858 *Ancyloceras Emericii* - PICTET & DE LORJOL, pl. V, fig. 8
*1955 *Emericiceras villoutreysae* - SARKAR, p. 84
2003 *Acrioceras* ? - BUSNARDO et al., p. 97

***Honnoratia* BUSNARDO, 2003**

(BUSNARDO in BUSNARDO, CHAROLLAIS, WEIDMANN & CLAVEL, 2003, p. 74)

TYPE SPECIES: *Toxoceras Honnoratianus* D'ORBIGNY, 1842, p. 483, pl. 119, fig. 1, 2, 3, 4 (OD).⁶⁵

INCLUDED (SUB)SPECIES:

- | | |
|------------------------------------|--|
| <i>honnoratiana</i> - | D'ORBIGNY, 1842, p. 483, pl. 119, fig. 1, 2, 3, 4 (HT by MT) |
| <i>munieri</i> - | SARASIN & SCHÖNDELMAYER, 1902, p. 119, pl. XIV, fig. 1 (HT by OD) (nomen dubium) ⁶⁶ |
| <i>thiollierei</i> - | ASTIER 1851, p. 448, pl. XIX, fig. 7 (HT by MT) |
| <i>thiollierei bituberculata</i> - | SARKAR, 1955, p. 93, text-fig. 14 (HT by MT) |
| <i>thiollierei multicostata</i> - | SARKAR, 1955, p. 93, pl. IV, fig. 22, pl. X, fig. 6 (HT by MT) |

***Honnoratia honnoratiana* (D'ORBIGNY, 1842)**

- *1842 *Toxoceras Honnoratianus* - D'ORBIGNY, p. 483, pl. 119, fig. 1, 2, 3, 4
1850 *Toxoceras Honnoratianus* - D'ORBIGNY, p. 101, n° 637
1852 *Toxoceras Honnoratianum* - GIEBEL, p. 291
non1859 *Toxoceras Honnoratianus* - VILANOVA Y PIERA, pl. 3, fig. 2
1860 *Ancyloceras Honnorati* - OOSTER, p. 49, pl. 47, fig. 2, non fig. 1, 3 (=Honnoratia *thiollierei*), ?fig. 4, 5
1861 *Toxoceras Honnoratianus* - PICTET & CAMPICHE, p. 57
1880 *Toxoceras Honnoratianum* - WRIGHT, p. 260, fig. 179 (=D'ORBIGNY, 1842, pl. 119, fig. 1)
1889 *Crioceras Honnorati* - HAUG, p. 208

⁶⁵ In the view of COMPANY (herein) *Honnoratia honnoratiana* could be the same species as *Honnoratia thiollierei* which has priority.

⁶⁶ According to VERMEULEN (herein) the holotype exists of two or three different species glued together.

- 1902 *Toxoceras Honnoratianus* - SARASIN & SCHÖNDELMAYER, p. 118
 1902 *Crioceras Emerici* - SARASIN & SCHÖNDELMAYER, p. 115, pl. XIII, fig. 1 (=OOSTER, 1860, pl. 47, fig. 2)
 non1906 *Toxoceras* (?) cf. *Honnoratium* - JACOB & TOBLER, p. 16, pl. II, fig. 9a, 9b, 9c
 1910b *Toxoceras*(*Ancyloceras*) *Honnoratianum* - KILIAN, p. 271, 352, pl. 11, fig. 8 (=D'ORBIGNY, 1842, pl. 119, fig. 1)
 non1915 *Ancyloceras* (*Toxoceras*) *Honnoratianum* - KILIAN & REBOUL, p. 77, pl. IX, fig. 3 (=Toxoceratoides sp.)
 1955 «*Toxoceras*» *honnoratianum* - SARKAR, p. 93
 1960 *Moutoniceras honnoratianum* - DRUSHCHITS, p. 297, pl. XL, fig. 1a, 1b, 2
 ?1967 "*Crioceratites*" *honnoratianus* - DIMITROVA, p. 51, pl. XIX, fig. 1, 1a
 2003 *Honnoratia honnoratiana* - BUSNARDO et al., p. 74, pl. XV, fig. 10 (=OOSTER, 1860, pl. 47, fig. 2; =SARASIN & SCHÖNDELMAYER, 1902, pl. XIII, fig. 1), pl. XXIV, fig. 7
 2004 *Honnoratia honnoratiana* - VERMEULEN, pl. 3, fig. 1
 2006 *Honnoratia honnoratiana* - BUSNARDO & GAUTHIER in GAUTHIER, p. 143, pl. 18, fig. 1, text-fig. 67 (=D'ORBIGNY, 1842, pl. 119, fig. 1)

***Honnoratia munieri* (SARASIN & SCHÖNDELMAYER, 1902)**

- 1860 *Ancyloceras Sablieri* - OOSTER, pl. 42, fig. 1
 1860 *Ancyloceras Moutoni* - OOSTER, p. 42, pl. 44, fig. 1
 *1902 *Crioceras Munieri* - SARASIN & SCHÖNDELMAYER, p. 119, pl. XIV, fig. 1, non pl. XIII, fig. 4 (=OOSTER, 1860, pl. 40, fig. 6) (=Megacrioceras sp.)
 1910b *Crioceras Munieri* - KILIAN, p. 271
 non1916 *Crioceras* cf. *Munieri* - DOUVILLÉ, p. 112, pl. XV, fig. 1 (=Acantholytoceras sp.)
 ?1942 *Crioceras* cfr. *Munieri* - TAVANI, p. 31
 ?1949 *Crioceras munieri* - LUPPOV et al., p. 250, pl. LXXV, fig. 2
 ?1952 *Crioceratites munieri* - LUPPOV, p. 226, pl. XIII, fig. 3 (=LUPPOV et al., 1949, pl. LXXV, fig. 2)
 1955 *Emericiceras munieri* - SARKAR, p. 94
 non1995 *Crioceratites* ? sp. aff. *C. munieri* - AVRAM, p. 120, 122, pl. 16, fig. 5a, 5b, 6a, 6b, text-fig. 7 (=Acantholytoceras subcirculare)

***Honnoratia thiollierei* (ASTIER, 1851)**

- 1848 *Crioceras Emerici* - VON QUENSTEDT, p. 297, pl. 20, fig. 10a, 10b, 10c
 *1851 *Ancyloceras Thiollierei* - ASTIER, p. 448, pl. XIX, fig. 7
 1860 *Ancyloceras Moutoni* - OOSTER pl. 44, fig. 3, 4, 5, ?2
 1860 *Ancyloceras Honnorati* - OOSTER, p. 49, pl. 47, fig. 1, 3, ?fig. 4, 5
 1861 *Ancyloceras Thiollierei* - PICTET & CAMPICHE, p. 49
 1883 *Crioceras Emerici* - UHLIG, p. 261, pl. XXVII, fig. 3, pl. XXXII, fig. 1
 1885 *Crioceras Emerici* - VON QUENSTEDT, p. 584, pl. 45, fig. 21 (=VON QUENSTEDT, 1848, pl. 20, fig. 10a)
 1900 *Crioceras Thiollierei* - SIMIONESCU, p. 520
 1900 *Crioceras Thiollierei* - PAQUIER, p. 30
 1902 *Crioceras Emerici* - SARASIN & SCHÖNDELMAYER, p. 115, pl. XIII, fig. 2 (variété B), fig. 3 (variété A)
 1910b *Crioceras thiollierei* - KILIAN, p. 271
 1910b *Crioceras Emerici* var. *densicostata* - KILIAN, p. 271 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XIII, fig. 3)
 1919 *Crioceras Emerici* - RODIGHIERO, p. 113, pl. XII (V), fig. 9
 1930 *Ancyloceras Thiollierei* - ROCH, p. 342
 1955 *Emericiceras emerici* sp. var. *uhligi* - SARKAR, p. 77 (=C*rioceras Emerici* UHLIG, 1883)
 1955 *Emericiceras thiollierei* - SARKAR, p. 92, pl. IV, fig. 1, pl. VI, fig. 15 (=ASTIER, 1851, pl. XIX, fig. 7)

- 1955 *Emericiceras thiollierei* sp. var. *multicostata* - SARKAR, p. 93, pl. IV, fig. 22, pl. X, fig. 6
- 1955 *Emericiceras* cf. *thiollierei* sp. (forme n° 1) - SARKAR, p. 93, pl. VII, fig. 1
- 1962a *Crioceratites (Crioceratites) thiollierei* - WIEDMANN, pl. 9, fig. 4a, 4b (=VON QUENSTEDT, 1848, pl. 20, fig. 10a)
- 1962b *Crioceratites (Crioceratites) thiollierei* - WIEDMANN, pl. 9, fig. 4a, 4b (=WIEDMANN, 1962a, pl. 9, fig. 4a, 4b)
- 1965a *Crioceratites (Emericiceras) thiollierei* - THOMEL, p. 34, pl. V, fig. 1, pl. XII, fig. 6, text-fig., 4
- 1965a *Crioceratites (Emericiceras) cf. thiollierei* - THOMEL, p. 36
- 1965a *Crioceratites (Emericiceras) otto haasi* - THOMEL, p. 37, pl. VI, fig. 1
- 1965a *Crioceratites (Emericiceras) cf. otto haasi* - THOMEL, p. 38
- 1966 *Crioceratites thiollierei* - BRESKOVSKI, p. 77, pl. II, fig. 2
- 1967 *Crioceratites thiollierei* - DIMITROVA, p. 46, pl. XIV, fig. 2, 2a, pl. XV, fig. 2 (=BRESKOVSKI, 1966, p. 77, pl. II, fig. 2)
- 1967 *Crioceratites (Crioceratites) thiollierei* - BACCILLE & GARAVELLO, p. 135, pl. II, fig. 2
- 1973 *Crioceratites (Crioceratites) thiollierei* - VAŠIČEK, p. 57, pl. II, fig. 2 (=UHLIG, 1883, pl. XXXII, fig. 1)
- non1975 *Crioceratites (Emericiceras) cf. thiollierei* - FÖRSTER, p. 150, pl. 2, fig. 2 (=Cryptocrioceras yrigoyeni)
- 1978 *Crioceratites (Crioceratites) thiollierei* - IMMEL, p. 40, pl. 2, fig. 1
- 1979 *Crioceratites (Crioceratites) thiollierei* - IMMEL, p. 137, pl. 2, fig. 4
- 1980 *Emericiceras thiollierei* - THOMEL, fig. 85 (=THOMEL, 1965a, pl. XII, fig. 6)
- 1980 *Emericiceras otto haasi* - THOMEL, fig. 86 (=THOMEL, 1965a, pl. VI, fig. 1)
- 1981 *Crioceratites cf. otto-haasi* - KAKABADZE, pl. XVIII, fig. 2
- 1988 *Crioceratites (Crioceratites) thiollierei* - WILKE, p. 20, pl. II, fig. 29a, 29b
- 1989 *Emericiceras thiollierei* - CONTE, p. 34, text-fig. p. 36
- 1990 *Crioceratites (Emericiceras) thiollierei* - THOMEL, pl. I, fig. 8, 9, pl. II, fig. 1
- 1990 *Crioceratites (Emericiceras) gr. thiollierei* - THOMEL, pl. III, fig. 1, 2, 3, 4, pl. IV, fig. 1, 4, pl. V, fig. 4, 5, 6
- non1991 *Crioceratites thiollierei* - KAKABADZE & THIEULOY, p. 83, pl. 1, fig. 3, 4, 5, 6, text-fig. 2 (=Paracrioceras cabreraense)
- 1992 *Crioceratites (Crioceratites) thiollierei* - KLINGER & KENNEDY, text-fig. 4
- 1994 *Crioceratites thiollierei* - VAŠIČEK et al., p. 64, pl. 19, fig. 6
- 1995 *Crioceratites gr. thiollierei* - FARAONI et al., p. 230, pl. 2, fig. 2, 4, 7
- 1995 *Crioceratites thiollierei* - AVRAM, p. 119, pl. 7, fig. 9
- 1995 *Emericiceras thiollierei* - HOEDEMAEKER, p. 239, pl. 7, fig. 9
- 1997 *Crioceratites (Emericiceras) thiollierei* - PEZZONI et al., pl. 4
- 1998 *Crioceratites (Emericiceras) cf. thiollierei* - CECCA et al., p. 90, pl. 3, fig. 23
- 1998 *Emericiceras thiollierei* - ARNAUD et al., p. 15, pl. 2, fig. 2, text-fig. 38
- 1999 *Crioceratites (Emericiceras) thiollierei* - PSZCZÓLKOWSKI & MYCZYŃSKI, p. 71, fig. 12: 4
- 2001 *Crioceratites thiollierei* - AVRAM & GRĂDINARU, p. 139, pl. 2, fig. 4
- 2005 *Emericiceras aff. otto-haasi* - MOURGUES et al., p. 150
- 2006 *Crioceratites thiollierei* - LUKENEDER & ASPMAIR, p. 60, pl. 6, fig. 11

***Honnoratia thiollierei bituberculata* SARKAR, 1955**

- *1955 *Emericiceras thiollierei* sp. var. *bituberculata* - SARKAR, p. 93, text-fig. 14

***Paracrioceras* SPATH, 1924⁶⁷ (1924a, p. 79)**

⁶⁷ Most of the *Crioceras* species that VON KOENEN, 1902 described from the Barremian from Germany are provisionally included in *Paracrioceras*. A thorough revision of his group of species is requested.

TYPE SPECIES: *Ammonites (Crioceras) occultum* SEELEY, 1865, p. 246, pl. X, fig. 1a (OD).

INCLUDED (SUB) SPECIES:

<i>aequipartitum</i> -	VON KOENEN, 1902, p. 260, pl. XXX, fig. 2a, 2b (HT by MT)
<i>?andinum</i> -	GERTH, 1925, p. 113, pl. I, fig. 1 (LT designated by AGUIRRE-URRETA, 1993, p. 64)
<i>andreae</i> -	VON KOENEN, 1902, p. 272, pl. XXI, fig. 3, 4 (HT by MT)
<i>annulatum</i> -	VON KOENEN, 1902, p. 299, pl. XIX, fig. 1a, 1b, 2, 3 (LT designated herein) ⁶⁸
<i>asiaticum</i> -	MATSUMOTO, 1947, pl. 1, fig. 1 (LT designated by MATSUKAWA & OBATA, 1993, p. 252)
<i>banksi</i> -	SPATH, 1924a, p. 78 (nomen nudum)
<i>beani</i> -	YOUNG & BIRD, 1828, p. 278, pl. XV, fig. 9 (HT by MT)
<i>cabreraense</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 43, pl. 2, fig. 4a, 4b ⁶⁹ (HT by OD)
<i>crassispina</i> -	VON KOENEN, 1902, p. 274, pl. IX, fig. 6a, 6b, 6c (LT designated by IMMEL, 1978, p. 66)
<i>denckmanni</i> -	MÜLLER, 1892, p. 18 (LT requested) ⁷⁰
<i>elegans</i> -	VON KOENEN, 1902, pl. XXIV, fig. 3a (LT designated by IMMEL, 1978, p. 56)
<i>?horridum</i> -	VON KOENEN, 1902, p. 282 (LT requested)
<i>?hoyeri</i> -	VON KOENEN, 1902, p. 325, pl. XVII, fig. 5a, 5b, 6 (HT by MT)
<i>?intumescens</i> -	VON KOENEN, 1902, p. 251, pl. XII, fig. 3a, 3b, 3c (HT by MT)
<i>leyvaense</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 41, pl. 1, fig. 1a, 1b, pl. 2, fig. 1a, 1b (HT by OD)
<i>muelleri</i> -	VON KOENEN, 1902, p. 264 (LT requested)
<i>occultum</i> -	SEELEY, 1865, p. 246, pl. X, fig. 1a (HT by MT)
<i>?rarinodum</i> -	VON KOENEN, 1902, p. 277, pl. XXIX, fig. 2a, 2b (LT designated herein) ⁷¹
<i>roeveri</i> -	VON KOENEN, 1902, p. 286, pl. XXIII, fig. 5a, 5b (LT designated herein) ⁷²
<i>rondishiense</i> -	KAKABADZE, 1981, p. 89 (HT KOTETISHVILI, 1970, pl. IX, fig. 1)
<i>royogomezi</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 42, pl. 2, fig. 3a, 3b (HT by OD)
<i>sparsicosta</i> -	VON KOENEN, 1902, p. 284, pl. XL, fig. 1a, 1b (HT by MT)
<i>spathi</i> -	KEMPER et al., 1981, p. 265, pl. 34, fig. 18, 19 (HT)
<i>stadlaenderi</i> -	MÜLLER, 1892, p. 19 (LT VON KOENEN, 1902, pl. XII, fig. 1a, 1b designated by IMMEL, 1978, p. 65)
<i>statheri</i> -	SPATH, 1924b, p. 173 ⁷³

⁶⁸ The other specimen is a fragment that VON KOENEN, 1902 attributed with doubt to his new species.

⁶⁹ Both depicted specimens have the same number and the mention holotype. The holotype is depicted on plate 2, figure 4a, 4b (HOEDEMAEKER: personal communication).

⁷⁰ Not the specimen of VON KOENEN, 1902, pl. XI, fig. 1a, 1b designated by IMMEL, 1978, p. 64 (ICZN: a lectotype must be designated from the syntypes). If the syntypes of MÜLLER, 1892 are lost, the specimen of VON KOENEN could be designated as neotype.

⁷¹ The depicted specimen; the other syntype is smaller and depressed.

⁷² The specimen that VON KOENEN, 1902 depicted. The other specimen is very depressed.

⁷³ See KEMPER et al., 1981, p. 265.

- tuba* - VON KOENEN, 1902, p. 257, pl. XVII, fig. 1, 2 (LT designated by IMMEL, 1978, p. 60)
undifer - RENNIGARTEN, 1951, p. 56 (nomen nudum)
varicosum - VON KOENEN, 1902, p. 242 (LT requested)
?verrucosum - HUPÉ, 1854, p. 39, pl. 1, fig. 4 (HT by MT)
woeckeneri - VON KOENEN, 1902, p. 288, pl. XX, fig. 1 (LT designated by IMMEL, 1978, p. 59)

***Paracrioceras? andinum* (GERTH, 1925)**

- 1921 *Crioceras andinum* - GERTH, p. 144 (nomen nudum)
 *1925 *Crioceras andinum* - GERTH, p. 113, pl. I, fig. 1, 2, pl. II, fig. 2, 2a, text-fig. 14
 1928 *Crioceras andinum* - GERTH, p. 481, pl. XVIII, fig. 1, 2 (=GERTH, 1925, pl. I, fig. 1, 2)
 1931 *Crioceras andinum* - WEAVER, p. 463, pl. 57, fig. 362, 363, 364
 1931 *Crioceras andinum* - WINDHAUSEN, pl. 34, fig. 2 (=GERTH, 1925, pl. I, fig. 1)
 1950 *Paracrioceras andinum* - GIOVINE, p. 56
 1958 *Crioceratites* aff. *andinum* - BÜRGL, pl. IV, fig. 1
 1958 *Crioceras diamantense* - CORVALÁN & PÉREZ, p. 38, pl. 11, fig. 24a, 24b
 1960b *Crioceratites* cf. *andinum* - BÜRGL, p. 189, pl. I, fig. 2 (=BÜRGL, 1958, pl. IV, fig. 1)
 1974 *Crioceras andinum* - CORVALÁN, p. 24
 1977 *Paracrioceras andinum* - JURGAN, p. 414, 426
 1993 *Crioceratites andinus* - AGUIRRE-ÚRRETA, pl. IV, fig. 1 (=GERTH, 1925, pl. I, fig. 1)
 ?2001 *Crioceratites* (*Paracrioceras*) cf. *andinus* - MATURANA, pl. 3, fig. 1

***Paracrioceras annulatum* (VON KOENEN, 1902)**

- *1902 *Crioceras annulatum* - VON KOENEN, p. 299, pl. XIX, fig. 1a, 1b, 2, 3

***Paracrioceras asiaticum* (MATSUMOTO, 1947)**

- *1947 *Australiceras asiaticum* - MATSUMOTO, p. 15, pl. 1, fig. 1, text-fig. 1
 1993 *Crioceratites* (*Paracrioceras*) *asiaticum* - MATSUKAWA & OBATA, p. 251, pl. 1, fig. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, pl. 2, fig. 3, 4, 5, text-fig. 2, 3

***Paracrioceras banksi* SPATH, 1924**

- *1924a *Paracrioceras banksi* (Bean MS.) - SPATH, p. 78

***Paracrioceras beani* (YOUNG & BIRD, 1828)**

- *1828 *Hamites Beani* - YOUNG & BIRD, p. 278, pl. XV, fig. 9
 1829 *Hamites Beanii* - PHILLIPS, p. 124, pl. 1, fig. 28 (=YOUNG & BIRD, 1828, pl. XV, fig. 9)
 non1841 *Hamites Beanii* - ROEMER, p. 93, pl. XIII, fig. 11
 1924a *Paracrioceras statheri* - SPATH, p. 77
 non1924b *Paracrioceras statheri* - SPATH, p. 173, fig. 1, 2, 3, 4 (=Paracrioceras *spathi*)
 1962 *Crioceratites beani* - HOWARTH, p. 129, pl. 19, fig. 7a, 7b (=YOUNG & BIRD, 1828, pl. XV, fig. 9)
 1978 *Hamites beani* - PYRAH, p. 456
 1981 *Crioceratites beani* - KEMPER et al., p. 265
 ?1982 *Paracrioceras statheri* - STÜHMER et al., pl. 25, fig. 3

***Paracrioceras cabrerense* (KAKABADZE & HOEDEMAEKER, 2004)**

- 1991 *Crioceratites thiollierei* - KAKABADZE & THIEULOY, p. 83, pl. 1, fig. 3, 4, 5, 6, text-fig. 2

- *2004 *Crioceratites (Paracrioceras) cabreraensis* - KAKABADZE & HOEDEMAEKER, p. 43, pl. 2, fig. 4a, 4b, pl. 67, pl. 3a, 3b, 3c

***Paracrioceras crassispina* (VON KOENEN, 1902)**

- *1902 *Crioceras crassispina* - VON KOENEN, p. 274, pl. IX, fig. 6a, 6b, 6c
 1955 *Crioceras crassispina* - SARKAR, p. 97
 1978 *Crioceratites (Crioceratites) crassispina* - IMMEL, p. 66, pl. 8, fig. 3a, 3b, text-fig. 12c (=VON KOENEN, 1902, pl. IX, fig. 6a)

***Paracrioceras denckmanni* (MÜLLER, 1892)**

- *1892 *Crioceras Denckmanni* - MÜLLER, p. 18
 1902 *Crioceras Denckmanni* - VON KOENEN, p. 261, pl. XI, fig. 1a, 1b, 1c, 2a, 2b, pl. XXI, fig. 5, ?pl. XXIX, fig. 1a, 1b
 ?1902 *Crioceras aequipartitum* - VON KOENEN, p. 260, pl. XXX, fig. 2a, 2b
 1902 *Crioceras Muellerei* - VON KOENEN, p. 264, pl. XI, fig. 3a, 3b
 ?1930 *Crioceras Denckmanni* - ROCH, p. 341, pl. XXI, fig. 1
 1942 *Crioceras (Paracrioceras) denckmanni* - DACQUÉ, XI, fig. 2, 2a (=VON KOENEN, 1902, pl. XXIX, fig. 1b, 1a)
 non1971 *Hoplocrioceras aff. denckmanni* - KEMPER, pl. 6, fig. 3a, 3b (= ?*Ancyloceras* sp.)
 1974 *Hoplocrioceras denckmanni* - KAEVER et al., p. 222, pl. 1, fig. 6 (=VON KOENEN, 1902, pl. XXIX, fig. 1a, 1b)
 1978 *Crioceratites (Crioceratites) denckmanni* - IMMEL, p. 64, pl. 4, fig. 1a, 1b, 1c, text-fig. 12a (=VON KOENEN, 1902, pl. XI, fig. 1a)
 1981 *Paracrioceras denckmanni* - KAKABADZE, pl. II, fig. 1
 1995 *Crioceratites (Paracrioceras) denckmanni* - MUTTERLOSE, pl. 7, fig. 1

***Paracrioceras elegans* (VON KOENEN, 1902)**

- *1902 *Crioceras elegans* - VON KOENEN, p. 295, pl. XXIV, fig. 3a, 3b, pl. XXIX, fig. 3, ?pl. XXIV, fig. 1, 2a, 2b
 1902 *Crioceras ? aff. elegans* - VON KOENEN, pl. XXVII, fig. 1a, 1b
 1942 *Crioceras elegans* - DACQUÉ, pl. XV, fig. 6, 6a (=VON KOENEN, 1902, pl. XXIV, fig. 3a, 2b)
 1957 *Paracrioceras elegans* - ARKELL et al., p. L208, fig. 238: 3 (=VON KOENEN, 1902, pl. XXIV, fig. 3a)
 1974 *Paracrioceras elegans* - KAEVER et al., p. 222, pl. 2, fig. 1 (=VON KOENEN, 1902, pl. XXIV, fig. 3a)
 1976 *Paracrioceras aff. elegans* - OBATA & OGAWA, fig. 6.2a, 6.2b, 6.2c, pl. 1, fig. 2a, 2b, 4
 non1977 *Paracrioceras cf. elegans* - MYCZYŃSKI, p. 158, pl. 5, fig. 9, pl. 6, fig. 1
 1978 *Crioceratites (Crioceratites) elegans* - IMMEL, p. 56, pl. 3, fig. 4, text-fig. 9b (=VON KOENEN, 1902, pl. XXIV, fig. 3a)
 1979 *Crioceratites (Crioceratites) elegans* - IMMEL, pl. 2, fig. 3
 1980 *Crioceratites (Crioceratites) elegans* - IMMEL & MUTTERLOSE, p. 250, fig. 4.1a, 4.1b
 1983 *Crioceratites (Paracrioceras) elegans* - RAWSON & MUTTERLOSE, p. 139, fig. 4a, 4b
 1995 *Crioceratites (Paracrioceras) elegans* - MUTTERLOSE, pl. 8, fig. 1

***Paracrioceras? horridum* (VON KOENEN, 1902)**

- *1902 *Crioceras? horridum* - VON KOENEN, p. 282, pl. XXVII, fig. 4a, 4b

***Paracrioceras? hoyeri* (VON KOENEN, 1902)**

- *1902 *Crioceras Hoyeri* - VON KOENEN, p. 325, pl. XVII, fig. 5a, 5b, 6

***Paracrioceras? intumescens* (VON KOENEN, 1902)**

- *1902 *Crioceras intumescens* - VON KOENEN, p. 251, pl. XII, fig. 3a, 3b, 3c
1978 *Crioceratites (Crioceratites) intumescens* - IMMEL, p. 58, text-fig. 10a (=VON KOENEN, 1902, pl. XII, fig. 3b)
1980 *Crioceratites (Crioceratites) intumescens* - IMMEL & MUTTERLOSE, p. 250, pl. 4, fig. 3a, 3b

***Paracrioceras leyvaense* (KAKABADZE & HOEDEMAEKER, 2004)**

- 1997 *Paracrioceras* sp. ex gr. *barremense* - KAKABADZE & HOEDEMAEKER, p. 66, pl. 4, fig. 1a, 1b, 1c
*2004 *Crioceratites (Paracrioceras) leyvaensis* - KAKABADZE & HOEDEMAEKER, p. 41, pl. 1, fig. 1a, 1b (=KAKABADZE & HOEDEMAEKER, 1997, pl. 4, fig. 1a, 1b), fig. 2a, 2b, 2c, pl. 2, fig. 1a, fig. 1b (=KAKABADZE & HOEDEMAEKER, 1997, pl. 4, fig. 1c), fig. 2

***Paracrioceras occultum* (SEELEY, 1865)**

- *1865 *Ammonites (Crioceras) occultus* - SEELEY, p. 246, pl. X, fig. 1a, 1b, 1c, 1d
1924a *Paracrioceras occultum* - SPATH, p. 77
1938 *Paracrioceras occultum* - ROMAN, p. 353
1975b *Paracrioceras occultum* - RAWSON, p. 275, pl. 43, fig. 1, 2, 3, 4, 5, 6, text-fig. 1a, (=SEELEY, 1865, pl. X., fig. 1a), 1b
1978 *Crioceratites (Crioceratites) occultum* - IMMEL, p. 58, text-fig. 9d (=RAWSON, 1975b, pl. 43, fig. 2, 5 combined)
1983 *Crioceratites (Paracrioceras) cf. occultum* - RAWSON & MUTTERLOSE, p. 139, fig. 3b, 3c
1996 *Crioceratites (Paracrioceras) occultum* - WRIGHT et al., p. 212, fig. 164: 3a, 3b, 3c (=RAWSON, 1975b, pl. 43, fig. 1, 5, 3)

***Paracrioceras? rarinodum* (VON KOENEN, 1902)**

- *1902 *Crioceras rarinodum* - VON KOENEN, p. 277, pl. XXIX, fig. 2a, 2b

***Paracrioceras roeveri* (VON KOENEN, 1902)**

- *1902 *Crioceras Roeveri* - VON KOENEN, p. 286, pl. XXIII, fig. 5a, 5b
1938 *Paracrioceras cf. Roeveri* - DELEAU, p. 134
1942 *Crioceras roeveri* - DACQUÉ, pl. V, fig. 11 (=VON KOENEN, 1902, pl. XXIII, fig. 5b in part)
1978 *Crioceratites (Crioceratites) roeveri* - IMMEL, p. 57, pl. 6, fig. 4, text-fig. 9c (=VON KOENEN, 1902, pl. XXIII, fig. 5b)
1997 *Crioceratites roeveri* - MUTTERLOSE et al., fig. 46.1

***Paracrioceras rondishiense* KAKABADZE, 1981**

- 1960 *Emericiceras emerici* - DRUSHCHITS, p. 290, pl. XXXII, fig. 1, 2
1970 *Emericiceras emerici* - KOTETISHVILI, p. 70, pl. IX, fig. 1
*1981 *Paracrioceras rondishiense* - KAKABADZE, p. 89, pl. III, fig. 3
2005 *Crioceratites (Paracrioceras) rondishiense* - I. KAKABADZE in KOTETISHVILI et al., p. 348, pl. 72, fig. 7 (=KAKABADZE, 1981, pl. III, fig. 3)

***Paracrioceras royogomezi* (KAKABADZE & HOEDEMAEKER, 2004)**

- *2004 *Crioceratites (Paracrioceras) royogomezi* - KAKABADZE & HOEDEMAEKER, p. 42, pl. 2, fig. 3a, 3b

***Paracrioceras sparsicosta* (VON KOENEN, 1902)**

- *1902 *Crioceras sparsicosta* - VON KOENEN, p. 284, pl. XL, fig. 1a, 1b
1942 *Crioceras sparsicosta* - DACQUÉ, pl. XV, fig. 5, 5a (=VON KOENEN, 1902, pl. XL, fig. 1a, 1b)
1974 *Paracrioceras sparsicosta* - KAEVER et al., p. 222, pl. 2, fig. 2 (=VON KOENEN, 1902, pl. XL, fig. 1b)
1997 "*Crioceras*" *sparsicosta* - MUTTERLOSE et al., fig. 44.5, 44.6, 45.2

***Paracrioceras stadtländeri* (MÜLLER, 1892)**

- *1892 *Crioceras Stadtländeri* - MÜLLER, p. 19
1902 *Crioceras Stadtländeri* - VON KOENEN, p. 268, pl. XII, fig. 1a, 1b, 1c, 1d, ?XLIII, fig. 5
1978 *Crioceratites (Crioceratites) stadtländeri* - IMMEL, p. 65, pl. 7, fig. 3a, 3b, text-fig. 12b (=VON KOENEN, 1902, pl. XII, fig. 1a)

***Paracriocera spathi* KEMPER et al., 1981**

- 1924b *Paracrioceras statheri* - SPATH, p. 173, fig. 1, 2, 3, 4
*1981 *Paracrioceras spathi* - KEMPER et al., p. 265, pl. 34, fig. 18, 19

***Paracrioceras tuba* (VON KOENEN, 1902)**

- *1902 *Crioceras tuba* - VON KOENEN, p. 257, pl. XVII, fig. 1, 2, ?pl. IX, fig. 7
?1902 *Crioceras Andreae* - VON KOENEN, p. 272, pl. XXI, fig. 3, 4
1978 *Crioceratites (Crioceratites) tuba* - IMMEL, p. 60, pl. 7, fig. 1, 2, text-fig. 10d (=VON KOENEN, 1902, pl. XVII, fig. 2)
1980 *Crioceratites (Crioceratites) tuba* - IMMEL & MUTTERLOSE, p. 250, fig. 4.2
1983 *Crioceratites (Paracrioceras) tuba* - RAWSON & MUTTERLOSE, p. 139, fig. 4e, 4f
1997 *Crioceratites tuba* - MUTTERLOSE et al., fig. 45.3, 45.4
2002 *Crioceratites* juv. cf. *tuba* - RICHTER, pl. 25, fig. 1

***Paracrioceras undifer* RENNGARTEN, 1951**

- *1951 *Paracrioceras undifer* - RENNGARTEN, p. 51 (nomen nudum)

***Paracrioceras varicosum* (VON KOENEN, 1902)**

- *1902 *Crioceras varicosum* - VON KOENEN, p. 242, pl. XX, fig. 3a, 3b, 4
1983 *Crioceratites (Paracrioceras) cf. varicosum* - RAWSON & MUTTERLOSE, p. 139, fig. 3a

***Paracrioceras? verrucosum* (HUPÉ, 1854)**

- *1854 *Ammonites verrucosus* - HUPÉ, p. 39, pl. 1, fig. 4
2001 *Crioceratites (Paracrioceras) verrucosus* - MATURANA, pl. 1, fig. 4, 5, pl. 4, fig. 1, 2, text-fig. 23, 24

***Paracrioceras woeckeneri* (VON KOENEN, 1902)**

- *1902 *Crioceras Woekeneri* - VON KOENEN, p. 288, pl. XX, fig. 1, 2
1902 *Crioceras cf. Woekeneri* - VON KOENEN, p. 290, pl. XXII, fig. 3a, 3b, 4, pl. XXXII, fig. 1a, 1b
1976 *Paracrioceras cf. woekneri* - KEMPER, pl. 32, fig. 2
1978 *Crioceratites (Crioceratites) woekeneri* - IMMEL, p. 59, text-fig. 10c (=VON KOENEN, 1902, pl. XX, fig. 1)

***Cryptocrioceras* AGUIRRE-URRETA, 1981**
(AGUIRRE-URRETA & RAMOS, 1981, p. 114)

TYPE SPECIES: *Mantelliceras yrigoyeni* LEANZA, 1970, p. 249, fig. XLII, fig. 1, 2, fig. XLIII, fig. 1 (OD).

INCLUDED (SUB) SPECIES:

<i>hoggi</i> -	LEANZA, 1970, p. 244, fig. XL: 1, 2, 3 (HT by OD)
<i>patagonicum</i> -	LEANZA, 1970, p. 247 (objective synonym of <i>Cryptocrioceras hoggi</i>) ⁷⁴
<i>yrigoyeni</i> -	LEANZA, 1970, p. 249, fig. XLII: 1, 2, fig. XLIII: 1 (HT by OD)

***Cryptocrioceras yrigoyeni* (LEANZA, 1970)**

- 1970 *Acanthoceras hoggi* - LEANZA, p. 244, fig. XL, fig. 1, 2, 3
- 1970 *Acanthoceras patagonicum* - LEANZA, p. 247, fig. XLI, fig. 1
- *1970 *Mantelliceras yrigoyeni* - LEANZA, p. 249, fig. XLII, fig. 1, 2, fig. XLIII, fig. 1
- 1975 *Crioceratites (Emericiceras)* cf. *thiollierei* - FÖRSTER, p. 150, pl. 2, fig. 2
- 1975 '*Emericiceras*' - KENNEDY & KLINGER, p. 274
- 1980 ?*Emericiceras* sp. - BLASCO, NULLO & PLOSZKIEWICK, p. 46, pl. I, fig. 9
- 1981 *Cryptocrioceras yrigoyeni* - AGUIRRE-URRETA & RAMOS, p. 117, pl. I (=LEANZA, 1970, fig. XLII, fig. 1, 2, fig. XLIII, fig. 1), pl. II, III, IV
- 1992 *Crioceratites (Crioceratites) yrigoyeni* - KLINGER & KENNEDY, p. 84, text-fig. 5B, 6A, 6B, 7A, 7B, 7C, 7D, 7E, 8A, 8B, 8C, 8D, 8E, 8F, 9A, 9B, 9C, 10A, 10B, 10C, 10D, 10E, 11A, 11B, 11C, 11D, 11E, 11F, 11G, 11H, 11I, 11J, 11K, 11L, 11M, 12A, 12B, 12D, 13A, 13B, 13C, 13D, 14, 15, 16, ?30E, ?30F, ?31F, ?31G, ?31H, ?31I, ?31J, 32A, 40
- 1992 *Emericiceras* aff. *yrigoyeni* - DELANOY, p. 74, pl. 20, fig. 1a, 1b, 1c
- 1993 *Cryptocrioceras yrigoyeni* - AGUIRRE-URRETA, p. 68, pl. VII, fig. 1, 2 (=AGUIRRE-URRETA, 1981, pl. II)

?*Pedioceras* GERHARDT, 1897
(1897, p. 170)

TYPE SPECIES: *Pedioceras Cundinamarcae* GERHARDT, 1897, p. 172; SD by HYATT, 1903, p. 108.

INCLUDED (SUB)SPECIES:

? <i>aequatoriale</i> -	VON BUCH, 1839, p. 535, pl. XXX, fig. 11, 12 (HT by MT) (nomen dubium)
<i>apollinaria</i> -	BASSE, 1948, p. 691, pl. XXV, fig. 1a, 1b, 1c (LT designated herein) ⁷⁵
<i>asymmetricum</i> -	KAKABADZE & HOEDEMAEKER, 1997, p. 64, pl. 5, fig. 2a, 2b, 2c (HT by OD)
<i>caquesense</i> -	KARSTEN, 1858, p. 104, pl. I, fig. 7a, 7b (HT by MT)
<i>cundinamarcae</i> -	GERHARDT, 1897, p. 172 (LT requested)
<i>durangense</i> -	BURCKHARDT, 1925, p. 13, pl. III, fig. 8, 9, 10 (HT by MT)
? <i>kauffmani</i> -	LEANZA, 1967b, p. 210, pl. V, fig. 7, 8 (HT by OD)
<i>multicostatum</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 45, pl. 6, fig. 1a, 1b, 1c (HT by OD)

⁷⁴ Lapsus calami in the legend of fig. XLI: 1.

⁷⁵ The other syntype of BASSE, 1948 is lost.

***Pedioceras? aequatoriale* (VON BUCH, 1839)**

- *1839 *Ammonites aequatorialis* - VON BUCH, p. 535, pl. XXX, fig. 11, 12
 1877 *Ammonites aequatorialis* - GABB, p. 310
 1907 *Ammonites aequatorialis* - DOUVILLÉ, p. 147

***Pedioceras apollinaria* BASSE, 1948**

- *1948 *Pedioceras apollinaria* - BASSE, p. 691, pl. XXV, fig. 1a, 1b, 1c
 1997 *Pedioceras asymmetricum* - KAKABADZE & HOEDEMAEKER, p. 64, pl. 5, fig. 2a, 2b, 2c, 3a, 3b, text-fig. 4

***Pedioceras casquesense* (KARSTEN, 1858)**

- *1858 *Ammonites Caquesensis* - KARSTEN, p. 104, pl. I, fig. 7a, 7b
 1886 *Ammonites Caquesensis* - KARSTEN, p. 29, pl. I, fig. 7a, 7b (=KARSTEN, 1858, pl. I, fig. 7a, 7b)
 1937 *Ammonites Caquesensis* - BOTERO, p. 26
 1937 *Ammonites Ubaquensis* - BOTERO, p. 26
 1938 *Pedioceras casquense* - ROMAN, p. 395, pl. XL, fig. 376b (=KARSTEN, 1858, pl. I, fig. 7a)
 1945b *Crioceras (Pseudocrioceras) ubaquense* - ROYO Y GOMEZ, p. 463, pl. LXXII, fig. 2a, 2b at the top (=KARSTEN, 1858, pl. I, fig. 7a, 7b)
 non1952b *Pedioceras casquense* - BASSE, pl. XIX, fig. 9, 9a (=Pedioceras ubaquense)
 1958 *Pedioceras casquesensis* - BÜRGEL, p. 134, pl. VI, fig. 3a, 3b, fig. 4a, 4b (=ROYO Y GOMEZ, 1945b, pl. LXXIII, fig. a, b)
 1997 *Pedioceras casquesense* - KAKABADZE & HOEDEMAEKER, p. 63, pl. 6, fig. 1a, 1b, 2a, 2b, 3a, 3b, 4, pl. 7, fig. 1a, 1b, 1c, 2a, 2b
 2004 *Pedioceras caquesense* - KAKABADZE & HOEDEMAEKER, p. 46, pl. 5, fig. 1a, 1b

***Pedioceras cundinamarcae* GERHARDT, 1897**

- *1897 *Pedioceras Cundinamarcae* - GERHARDT, p. 172, pl. IV, fig. 7a, 7b, 7c
 ?1907 *Pedioceras Cundinamarcae* - DOUVILLÉ, p. 146, pl. II fig. 7
 1945b *Crioceras (Pseudocrioceras) ubaquense* - ROYO Y GOMEZ, p. 463, pl. LXXII, fig. 2a, 2b, 2c at the bottom (=GERHARDT, 1897, pl. IV, fig. 7a, 7c, 7b), fig. 2d, 2e
 1957 *Pedioceras cundinamarcae* - ARKELL et al., p. L208, fig. 237: 5a, 5b, 5c (=GERHARDT, 1897, pl. IV, fig. 7a, 7b, 7c)
 ?1960 *Pédioceras aff. cundinamarcae* - WAITZMAN, p.13, pl. I, fig.3a, 3b
 ?1963 *Pedioceras* sp. - CANTÚ CHAPA, p. 30, pl. II, fig. 3
 1996 *Pedioceras cundinamarcae* - WRIGHT et al., p. 214, fig. 164: 2a, 2b, 2c (=GERHARDT, 1897, pl. IV, fig. 7a, 7b, 7c)

***Pedioceras durangense* BURCKHARDT, 1925**

- *1925 *Pedioceras durangense* - BURCKHARDT, p. 13, pl. III, fig. 8, 9, 10

***Pedioceras? kauffmani* LEANZA, 1967**

- *1967b *Pedioceras kauffmani* - LEANZA, p. 210, pl. V, fig. 7, 8

- *2004 *Pedioceras multicostatum* - KAKABADZE & HOEDEMAEKER, p. 45, pl. 6, fig. 1a, 1b, 1c, text-fig. 1

***Pedioceras ubaquense* (KARSTEN, 1858)**

- *1858 *Ammonites Ubaquensis* - KARSTEN, p. 104, pl. I, fig. 8a, 8b
 1886 *Ammonites Ubaquensis* - KARSTEN, p. 29, pl. I, fig. 8a, 8b (=KARSTEN, 1858, pl. I, fig. 8a, 8b)
 1938 *Pedioceras casquense* - ROMAN, p. 395, pl. XL, fig. 376, 376a (=KARSTEN, 1858, pl. I, fig. 8a, 8b)
 1945b *Crioceras (Pseudocrioceras) ubaquense* - ROYO Y GOMEZ, p. 463, pl. LXXII, fig. 1c, 1d at the top (=KARSTEN, 1858, pl. I, fig. 8a, 8b)
 1945b *Crioceras (Pseudocrioceras) ubaquense* - ROYO Y GOMEZ, p. 463, pl. LXXIII, fig. a, b, c, d, e
 1949 *Crioceras (Pseudocrioceras) ubaquense* - YENNE, p. 623, pl. 102, fig. 1, 2, 3, 4, 5, 6, 8
 1952b *Pedioceras casquense* - BASSE, pl. XIX, fig. 9, 9a (=KARSTEN, 1858, pl. I, fig. 8a, 8b)

***Paraspiticerias* KILIAN, 1910
 (1910a, p. 7)**

TYPE SPECIES: *Aspidoceras Percevali* UHLIG, 1883, p. 238, pl. XXVI, fig. 2a, 2b; SD SPATH, 1921, p. 316.

INCLUDED (SUB) SPECIES:

<i>beneckeii</i> -	HAUG, 1889, p. 206(14), pl. VIII, fig. 3a, 3b (LT designated by DIMITROVA, 1967, p. 169)
<i>caucasicum</i> -	EGOIAN, 1989, p. 138, pl. XI, fig. 1a, 1b, 2a, 2b, 2c, 3 (HT by OD)
<i>groeberii</i> -	AGUIRRE-URRETA, 1993, p. 58, fig. 4c, 6a (HT by OD)
<i>guerinianum</i> -	D'ORBIGNY, 1850, p. 99, n° 596 (LT COTTREAU, 1937, pl. LXXVII, fig. 15 designated herein) ⁷⁶
<i>laeve</i> -	FALLOT & TERMIER, 1923, p. 13, pl. I, fig. 3a, 3b (HT by MT)
<i>?nodulosum</i> -	CATULLO, 1848, pl. XII, fig. 5a, 5b (HT by MT)
<i>pachycyclum</i> -	UHLIG, 1883, p. 239, pl. XXVII, fig. 1a, 1b (LT designated by DIMITROVA, 1967, p. 169)
<i>percevali</i> -	UHLIG, 1883, p. 238, pl. XXVI, fig. 2a, 2b (LT designated by DIMITROVA, 1967, p. 168)
<i>precrassisipina</i> -	ROCH, 1930, p. 317, pl. XIV, fig. 2a, 2b (HT by MT)
<i>schindewolfi</i> -	WIEDMANN, 1966, p. 55, pl. 4, fig. 2a, 2b (HT by OD)
<i>?tuberosum</i> -	BUSNARDO, 2003, p. 63, pl. VI, fig. 2, text-fig. 24 (HT by OD)
<i>voironense</i> -	PICTET & DE LORIO, 1858, p. 19, pl. II, fig. 5a, 5b (HT by MT)

***Paraspiticerias beneckeii* (HAUG, 1889)**

- *1889 *Aspidoceras Beneckeii* - HAUG, p. 206(14), pl. VIII, fig. 3a, 3b
 1967 *Paraspiticerias beneckeii* - DIMITROVA, p. 169, pl. LXXXIII, fig. 4, pl. LXXXIV, fig. 3
 2004 *Paraspiticerias beneckeii* - VERMEULEN, p. 80

⁷⁶ The biggest and best preserved specimen depicted by COTTREAU.

***Paraspticerias caucasicum* EGOIAN, 1989**

- *1989 *Paraspticerias caucasicum* - EGOIAN, p. 138, pl. XI, fig. 1a, 1b, 2a, 2b, 2r, 3

***Paraspticerias groeberi* AGUIRRE-URRETA, 1993**

- *1993 *Paraspticerias groeberi* - AGUIRRE-URRETA & RAWSON, p. 58, fig. 4a, 4b, 4c, 4d, 4e, 4f, 4g, 4h, 5, 6a, 6b, 6c, 6d, 6e, 7a, 7b, 7c, 8a, 8b, 8c, 8d, 8e, 8f, 9a, 9b, 9c
1993 *Paraspticerias groeberi* - AGUIRRE-URRETA, p. 70, pl. IV, fig. 4
1999 *Paraspticerias groeberi* - AGUIRRE-URRETA et al., pl. I, fig. 9

***Paraspticerias guerinianum* (D'ORBIGNY, 1850)**

- *1850 *Ammonites Guerinianus* - D'ORBIGNY, p. 99, n° 596
1860 *Ammonites Guerinianus* - PICTET & CAMPICHE, p. 355
1883 *Aspidoceras Guerinianum* - UHLIG, p. 238, pl. XXVI, fig. 1a, 1b
1901 *Aspidoceras Guerinianum* - SARASIN & SCHÖNDELMAYER, p. 63, pl. VIII, fig. 1, 2, 3
1910b *Paraspticerias guerinianum* - KILIAN, p. 255
1937 *Ammonites Guerinianus* - COTTREAU, p. 54, pl. LXXVII, fig. 11, 12, 13, 14, 15, text-fig. on page 55
1958 *Paraspticerias guerianum* - FÜLOP, pl. VIII, fig. 7
1966 *Paraspticerias aff. guerinianum* - WIEDMANN, text-fig. 27b
1980 *Paraspticerias guerinianus* - THOMEL, p. 130, fig. 258
1995 *Paraspticerias guerinianum* - AVRAM, p. 119, pl. 9, fig. 8
1998 *Paraspticerias cf. guerini* - ARNAUD et al., p. 18, pl. 2, fig. 4
2003 *Paraspticerias guerinianum* - BUSNARDO et al., p. 54, pl. XII, fig. 4, pl. XXVII, fig. 1 (=UHLIG, 1883, pl. XXVI, fig. 1), pl. XXVII, fig. 3 (=SARASIN & SCHÖNDELMAYER, 1901, pl. VIII, fig. 1)
2004 *Paraspticerias guerinianum* - VERMEULEN, p. 80

***Paraspticerias laevis* (FALLOT & TERMIER, 1923)**

- *1923 *Himalayites (?) laevis* - FALLOT & TERMIER, p. 13, pl. I, fig. 3a, 3b, text-fig. 1
1998 *Paraspticerias laevis* - CECCA, FARAONI & MARINI, p. 96, pl. 3, fig. 27, text-fig. 17
2004 *Paraspticerias laevis* - VERMEULEN, p. 80

***Paraspticerias? nodulosum* (CATULLO, 1848)**

- *1848 *Ammonites nodulosus* - CATULLO, p. 6, fig. XII, fig. 5a, 5b
1910b *Paraspticerias? nodulosum* - KILIAN, p. 255

***Paraspticerias pachycyclus* (UHLIG, 1883)**

- *1883 *Aspidoceras pachycyclus* - UHLIG, p. 239, pl. XXVII, fig. 1a, 1b
1910b *Paraspticerias Percevali* - KILIAN, p. 255
1967 *Paraspticerias pachycyclum* - DIMITROVA, p. 169, pl. LXXXV, fig. 4, pl. LXXXVII, fig. 1
1990 *Paraspticerias pachycyclum* - THOMEL, pl. IX, fig. 1, 2, 3, pl. X, fig. 1, 2, pl. XI, fig. 1, 2
1995 *Paraspticerias pachycyclum* - AVRAM, p. 119, pl. 9, fig. 7
2004 *Paraspticerias pachycyclum* - VERMEULEN, p. 80

***Paraspticerias percevali* (UHLIG, 1883)**

- 1860 *Ancyloceras simplex* - OOSTER, p. 64, pl. 54, fig. 2
*1883 *Aspidoceras Percevali* - UHLIG, p. 238, pl. XXVI, fig. 2a, 2b, 2c, 3, pl. XXVII, fig. 2a, 2b, 2c

- 1901 *Aspidoceras Percevali* - SARASIN & SCHÖNDELMAYER, p. 65, pl. VII, fig. 2, fig. 3
(=OOSTER, 1860, pl. 54, fig. 2)
- 1910b *Paraspiticeras Percevali* - KILIAN, p. 255
- 1915 *Paraspiticeras Percevali* - KILIAN & REBOUL, p. 64, text-fig. 10 (=UHLIG, 1883, pl. XXVII, fig. 2a)
- 1930 *Paraspiticeras Percevali* - ROCH, p. 339, pl. XIX, fig. 2a, 2b
- 1938 *Paraspiticeras Percevali* - ROMAN, p. 397, pl. XXXVIII, fig. 365, 365a, 365b, fig. 365 on legend pl. XXXVIII (=UHLIG, 1883, pl. XXVI, fig. 2a, 2b, 3, pl. XXVII, fig. 2a)
- 1957 *Paraspiticeras percevali* - ARKELL et al., p. L383, fig. 504: 3a, 3b (=UHLIG, 1883, pl. XXVI, fig. 2a, 2b)
- 1967 *Paraspiticeras percevali* - DIMITROVA, p. 168, pl. LXXXVI, fig. 2, 2a
- ?1984 *Paraspiticeras percevali* - CERIOTTI et al., p. 36, fig. 9
- non1995 *Paraspiticeras cf. percevali* - KEMPER, p. 177, pl. 1, fig. 8
- 1996 *Paraspiticeras percevali* - WRIGHT et al, p. 267, fig. 207: 3a, 3b (=UHLIG, 1883, pl. XXVI, fig. 2a, 2b)
- 1997 *Paraspiticeras percevali* - IMMEL et al., p. 180, pl. 6, fig. 4a, 4b
- 2003 *Paraspiticeras percevali* - BUSNARDO et al., p. 54, pl. XXVIII, fig. 3
- 2004 *Paraspiticeras percevali* - VERMEULEN, pl. 2, fig. 3 (=UHLIG, 1883, pl. XXVI, fig. 2a, 2b)
- 2006 *Paraspiticeras percevali* - VAŠÍČEK, p. 435, pl. 4, fig. 3, 4

***Paraspiticeras precrassispina* (ROCH, 1930)**

- *1930 *Crioceras precrassispina* - ROCH, p. 317, pl. XIV, fig. 2a, 2b
- 1955 *Emericiceras (?) precrassispinum* - SARKAR, p. 97
- 1989 *Paraspiticeras precrassispinum* - AUTRAN, pl. 12, fig. 3
- 1993 *Paraspiticeras precrassispinum* - AUTRAN, pl. 12, fig. 3 (=AUTRAN, 1989, pl. 12, fig. 3)
- 2004 *Paraspiticeras precrassispinum* - VERMEULEN, p. 80

***Paraspiticeras schindewolfi* WIEDMANN, 1966**

- *1966 *Paraspiticeras schindewolfi* - WIEDMANN, p. 55, pl. 4, fig. 1a, 1b, 1c, 2a, 2b, 3a, 3b, 3c, text-fig. 25, 39a, 39b
- 1966 *Paraspiticeras schindewolfi* - SCHINDEWOLF, text-fig. 411
- 1969 *Paraspiticeras schindewolfi* - WIEDMANN, p. 581, pl. 2, fig. 1a, 1b (=WIEDMANN, 1966, pl. 4, fig. 2a, 2b), ?text-fig. 15b
- 1972 *Paraspiticeras schindewolfi* - WIEDMANN, p. 113, pl. I, fig. 1a, 1b, text-fig. 15 (=WIEDMANN, 1966, pl. 4, fig. 2a, 2b, text-fig. 25)
- 1996 *Paraspiticeras schindewolfi* - WRIGHT et al., p. 267, fig. 207: 3c, 3d (=WIEDMANN, 1966, pl. 4, fig. 2a, 2b)
- 2004 *Paraspiticeras schindewolfi* - VERMEULEN, p. 80

***Paraspiticeras? tuberosum* (BUSNARDO, 2003)**

- *2003 *Crioceratites tuberosus* - BUSNARDO et al., p. 63, pl. VI, fig. 2, text-fig. 24

***Paraspiticeras voironense* (PICTET & DE LORIO, 1858)**

- *1858 *Ammonites Voironensis* - PICTET & DE LORIO, p. 19, pl. II, fig. 5a, 5b
- 1860 *Ammonites voironensis* - PICTET & CAMPICHE, p. 355
- 1910b *Paraspiticeras Voironense* - KILIAN, p. 255

?*Protacrioceras* SARKAR, 1955 (1955, p. 101)

TYPE SPECIES: *Ancyloceras ornatum* D'ORBIGNY, 1850, p. 101, n° 633 (COTTREAU, 1937, pl. LXXIX, fig. 1, 2).

INCLUDED (SUB)SPECIES:

<i>couloni</i> -	OOSTER, 1860, pl. 40, fig. 3, 4, 5 (LT designated by SARASIN & SCHÖNDELMAYER, 1902, p. 129)
<i>fromageti</i> -	SARKAR, 1955, p. 129, pl. VII, fig. 8 (HT by MT)
<i>?heberti</i> -	REYNÈS, 1876, p. 107 (nomen dubium)
<i>hourcqi</i> -	COLLIGNON, 1962a, p. 95, pl. CCXIV, fig. 936, 937 (HT by OD)
<i>moussoni</i> -	OOSTER, 1860, p. 25 (LT requested)
<i>oosteri</i> -	SARKAR, 1955, p. 131 (HT by OD OOSTER, 1860, pl. 40, fig. 2)
<i>ornatum</i> -	D'ORBIGNY, 1850, p. 101, n° 633 (LT COTTREAU, 1937, pl. LXXIX, fig. 1, 2 designated herein) ⁷⁷
<i>ornatum alpinum</i> -	SARKAR, 1955, p. 133, pl. VII, fig. 13 (HT by MT)
<i>ornatum flexuosum</i> -	SARKAR, 1955, p. 133, pl. IV, fig. 18 (HT by MT)
<i>ornatum latispirum</i> -	THOMEL, 1965a, p. 50, text-fig. 6 (HT by MT)
<i>ornatum tuberculatum</i> -	SARKAR, 1955, p. 133 (LT requested)
<i>puzosianum</i> -	D'ORBIGNY, 1842, p. 506 ⁷⁸ (neotype requested)
<i>puzosianum drumense</i> -	SARKAR, 1955, p. 115 (LT requested)
<i>sartousii</i> -	ASTIER, 1851, p. 454, pl. XVII, fig. 15 (HT by MT)
<i>?thorali</i> -	SARKAR, 1955, p. 117 (LT requested)
<i>?tzankovi</i> -	DIMITROVA, 1967, p. 55, pl. XXI, fig. 1, 1a, pl. XXII, fig. 1 (HT by OD)

***Protacrioceras fromageti* SARKAR, 1955**

- *1955 *Protacrioceras fromageti* - SARKAR, p. 129, pl. VII, fig. 8
 1965a *Acrioceras (Protacrioceras) cf. fromageti* - THOMEL, p. 51, pl. X, fig. 5

***Protacrioceras hourcqi* COLLIGNON, 1962**

- *1962a *Protacrioceras hourcqi* - COLLIGNON, p. 95, pl. CCXIV, fig. 936, 937

***Protacrioceras moussoni* (OOSTER, 1860)**

- *1860 *Ancyloceras Moussoni* - OOSTER, p. 25, pl. 35, fig. 6, 7, 8, 9, 10
 1883 *Crioceras Moussoni* - UHLIG, p. 260
 1900 *Ancyloceras Moussoni* - SIMIONESCU, p. 512
 1902 *Crioceras Moussoni* - SARASIN & SCHÖNDELMAYER, p. 144, pl. XVIII, fig. 4 (=OOSTER, 1860, pl. 35, fig. 6, 7, 8)
 1910b *Crioceras Moussoni* - KILIAN, p. 272
 1955 *Protacrioceras moussoni* - SARKAR, p. 130

***Protacrioceras oosteri* SARKAR, 1955**

- 1860 *Ancyloceras Couloni* - OOSTER, p. 39, pl. 40, fig. 2
 *1955 *Protacrioceras oosteri* - SARKAR, p. 131, pl. VIII, fig. 15

⁷⁷ The nearly complete specimen from the collection of d'Orbigny depicted by COTTREAU, 1937. According to him the other specimens in the collection are fragments.

⁷⁸ The syntypes from the Duval and Puzos collections that D'ORBIGNY, 1842 used for his drawing were not found by BUSNARDO in GAUTHIER, 2006.

***Protacrioceras ornatum* (D'ORBIGNY, 1850)**

- *1850 *Ancyloceras ornatus* - D'ORBIGNY, p. 101, n° 633
- 1851 *Ancyloceras ornatus* - ASTIER, p. 439
- 1852 *Ancyloceras ornatum* - GIEBEL, p. 321
- 1860 *Ancyloceras Couloni* - OOSTER, pl. 40, fig. 3, 4, 5, non fig. 2 (= *Protacrioceras oosteri*)
- 1861 *Ancyloceras ornatus* - PICTET & CAMPICHE, p. 51
- ?1876 *Ancyloceras Heberti* - REYNÈS, p. 107
- 1900 *Ancyloceras ornatum* - SIMIONESCU, p. 513
- 1902 *Crioceras ornatus* - SARASIN & SCHÖNDELMAYER, p. 100
- 1910b *Crioceras Couloni* - KILIAN, p. 272
- 1937 *Ancyloceras ornatus* - COTTREAU, p. 65, pl. LXXIX, fig. 1, 2
- 1955 *Protacrioceras ornatum* - SARKAR, p. 132, pl. VII, fig. 14, pl. VIII, fig. 20, non pl. X, fig. 8
- 1955 *Protacrioceras cf. ornatum* (forme n° 1) - SARKAR, p. 134, pl. VII, fig. 16
- 1955 *Protacrioceras cf. ornatum* (forme n° 2) - SARKAR, p. 134, pl. VII, fig. 28
- 1955 *Protacrioceras cf. ornatum* (forme n° 3) - SARKAR, p. 134, pl. XI, fig. 14
- ?1955 *Protacrioceras heberti* - SARKAR, p. 164
- 1965a *Acrioceras (Protacrioceras) cf. ornatum* - THOMEL, p. 49, pl. VIII, fig. 6, pl. X, fig. 4
- 1965a *Acrioceras (Protacrioceras) gr. ornatum* - THOMEL, p. 51
- 1987 *Acrioceras (Protacrioceras) ornatum* - THOMEL, DELANOY & AUTRAN, p. 218, pl. 1, fig. 2, 7
- 1992 *Protacrioceras ornatum* - ROPOLO & SALOMON, p. 197, pl. 7, fig. 2, 3, 4, 5, 6, 7
- 1992 *Crioceratites "gignouxii"*, sensu Sarkar (?) - ROPOLO & SALOMON, pl. 7, fig. 1
- non1996 *Acrioceras (Protacrioceras) ornatum* - WRIGHT et al., p. 223, fig. 173: 3 (=SARKAR, 1955, pl. X, fig. 8)

***Protacrioceras ornatum alpinum* SARKAR, 1955**

- *1955 *Protacrioceras ornatum* var. *alpina* - SARKAR, p. 133, pl. VII, fig. 13
- 1976 *Acrioceras (Protacrioceras) alpinum* - PATRULIUS & AVRAM, p. 167, pl. II, fig. 6
- 1992 *Protacrioceras* morphe "*alpina*" - ROPOLO & SALOMON, p. 197, pl. 8, fig. 1, 2, 3, 4, 5, 6, 7, 8

***Protacrioceras ornatum flexuosum* SARKAR, 1955**

- *1955 *Protacrioceras ornatum* var. *flexuosa* - SARKAR, p. 133, pl. IV, fig. 18

***Protacrioceras ornatum latispirum* (THOMEL, 1965)**

- *1965a *Acrioceras (Protacrioceras) ornatum* var. *latispira* - THOMEL, p. 50, text-fig. 6

***Protacrioceras ornatum tuberculatum* SARKAR, 1955**

- *1955 *Protacrioceras ornatum* var. *tuberculata* - SARKAR, p. 133, pl. VII, fig. 12

***Protacrioceras puzosianum* (D'ORBIGNY, 1842)**

- ?1837 *Scaphites Puzosi* - LEVEILLE, p. 315, pl. XXIII, fig. 2
- *1842 *Ancyloceras Puzosianus* - D'ORBIGNY, p. 506, pl. 127, fig. 1, 2, 3, 4
- 1850 *Ancyloceras Puzosianus* - D'ORBIGNY, p. 100, n° 625
- 1859 *Ancyloceras Puzosianus* - CHENU, p. 92, fig. 405 (=D'ORBIGNY, 1842, pl. 127, fig. 1)
- 1860 *Ancyloceras Puzosainum* - OOSTER, p. 61
- 1861 *Ancyloceras Puzosianus* - PICTET & CAMPICHE, p. 51
- 1880 *Ancyloceras Puzosainum* - WRIGHT, p. 254, fig. 167 (=D'ORBIGNY, 1842, pl. 127, fig. 1)
- 1902 *Crioceras Puzosianum* - SARASIN & SCHÖNDELMAYER, p. 129

- 1910b *Crioceras duvaliforme* - KILIAN, p. 269
 1910b *Ancyloceras puzosianum* - KILIAN, p. 271
 1955 *Acrioceras puzosianum* - SARKAR, p. 114
 1955 *Acrioceras* gr. *puzosianum* sp. ind. - SARKAR, p. 115
 1955 *Acrioceras puzosianum* var. *drumensis* - SARKAR, p. 115, pl. IX, fig. 4
 1955 *Acrioceras* cf. *puzosianum* (forme n° 1) - SARKAR, p. 116, pl. VIII, fig. 4
 1955 *Acrioceras* cf. *puzosianum* (forme n° 2) - SARKAR, p. 116, pl. IX, fig. 6
 1965a *Acrioceras*(*Acrioceras*) cf. *puzosianum* - THOMEL, p. 45, pl. VII, fig. 1, 12
 1987 *Acrioceras* (*Protacrioceras*) cf. *puzosianum* - THOMEL et al., p. 218, pl. 1, fig. 5, fig. 6 (=THOMEL, 1965a, pl. VII, fig. 1)
 1988 *Acrioceras* (*Acrioceras*) aff. *puzosianum* - VAŠÍČEK & MICHALÍK, p. 661, pl. 1, fig. 3, 4
 1989 *Acrioceras* cf. *puzosianum* - SCHROEDER et al., pl. I, fig. 8
 1992 *Protacrioceras puzosianum* - ROPOLO & SALOMON, p. 198, pl. 9, fig. 1, 2, 3, 4, 5, 6, 7
 1998 *Acrioceras puzosianum* - ROPOLO et al., fig. C (=ROPOLO & SALOMON, 1992, pl. 9, fig. 6)
 2006 *Acrioceras* cf. *puzosianum* - BUSNARDO in GAUTHIER, p. 151, pl. 18, fig. 2

***Protacrioceras sartousii* (ASTIER, 1851)**

- *1851 *Ancyloceras Sartousii* - ASTIER, p. 454, pl. XVII, fig. 15
 1860 *Ancyloceras Sartousi* - OOSTER, p. 41, pl. 40, fig. 9 (=ASTIER, 1851, pl. XVII, fig. 15)
 1861 *Ancyloceras Sartousi* - PICTET & CAMPICHE, p. 51
 1902 *Crioceras Sartousii* - SARASIN & SCHÖNDELMAYER, p. 120, 123
 1910b *Crioceras Sartousianum* - KILIAN, p. 270
 1930 *Ancyloceras Sartrousi* - ROCH, p. 342
 1955 *Acrioceras sartousii* - SARKAR, p. 117, pl. VIII, fig. 6 (=ASTIER, 1851, pl. XVII, fig. 15)

***Protacrioceras? thoralis* (SARKAR, 1955)**

- *1955 *Acrioceras thoralis* - SARKAR, p. 117, pl. X, fig. 2

***Protacrioceras? tzankovi* DIMITROVA, 1967**

- *1967 *Protacrioceras tzankovi* - DIMITROVA, p. 55, pl. XXI, fig. 1, 1a, pl. XXII, fig. 1

Acrioceras (Acrioceras) HYATT, 1900
(1900, p. 588)

=*Mesocrioceras* BREISTROFFER, 1952, p. 54 (nomen nudum)⁸⁰

TYPE SPECIES: *Ancyloceras tabarelli* ASTIER, 1851, p. 449, pl. XXI, fig. 9 (OD).

INCLUDED (SUB)SPECIES:

<i>anglesense</i> -	THOMEL, 1965a, p. 43, pl. VII, fig. 7, 8 (HT by OD)
<i>cuerdai</i> -	WIEDMANN, 1962a, p. 144, pl. 9, fig. 3a, 3b (HT by OD)
<i>debelmasi</i> -	SARKAR, 1955, p. 106, pl. IX, fig. 7, 8, text-fig. 16A (HT by MT)
<i>isocostatum</i> -	KAKABADZE, 1981, p. 96, pl. VI, fig. 2 (HT by OD)
<i>julivertii</i> -	ETAYO-SERNA, 1968, p. 56, pl. II, fig. 3, 4 (HT by OD)
<i>lakhmiai</i> -	SARKAR, 1955, p. 108, pl. VIII, fig. 10, text-fig. 16D (HT by MT)
<i>maheswariae</i> -	SARKAR, 1955, p. 108, pl. VIII, fig. 17, text-fig. 16E (HT by MT)
<i>maioense</i> -	STAHLER, 1935, p. 279, pl. XII, fig. 6 (HT by MT)
<i>meriani</i> -	OOSTER, 1860, p. 35, pl. 39, fig. 2, 3, 4, 5 (LT designated by BUSNARDO, 2003, p. 76) ⁸¹
<i>meriani dilatatum</i> -	SARKAR, 1955, p. 122, pl. VIII, fig. 1 (HT by MT)
<i>meriani tabarelliforme</i> -	SARKAR, 1955, p. 122, pl. VII, fig. 21 (HT by MT)
<i>mucklae</i> -	SARKAR, 1955, p. 109, pl. IX, fig. 3, text-fig. 17A (HT by MT)
<i>pruvosti</i> -	SARKAR, 1955, p. 123, pl. IX, fig. 11 (HT by MT)
<i>ramkrishnai</i> -	SARKAR, 1955, p. 109, pl. V, fig. 17, pl. VIII, fig. 12, text-fig. 17B (HT by MT)
<i>ramkrishnai major</i> -	THOMEL et al., 1990, p. 85, pl. XV, fig. 8 (HT by OD)
<i>ramkrishnai maureli</i> -	THOMEL, 1965a, p. 44, pl. VII, fig. 5 (HT by MT)
<i>sarasini</i> -	SARKAR, 1955, p. 103 (HT by OD SARASIN & SCHÖNDELMAYER, 1902, pl. XV, fig. 3)
<i>sarasini ganeshai</i> -	SARKAR, 1955, p. 107, pl. IV, fig. 20, text-fig. 16C (HT by MT)
<i>sarasini villoutreysi</i> -	THOMEL et al., 1990, p. 88, pl. VII, fig. 1 (HT by OD)
<i>shankariae</i> -	SARKAR, 1955, p. 110, pl. VI, fig. 9, text-fig. 17C (HT by MT)
<i>spathi</i> -	SARKAR, 1955, p. 124, pl. VII, fig. 20 (HT by MT)
<i>tabarelli</i> -	ASTIER, 1851, p. 449, pl. XXI, fig. 9 (LT designated by SARKAR, 1955, p. 102)
<i>tabarelli sugrivai</i> -	SARKAR, 1955, p. 111, pl. VIII, fig. 18, text-fig. 17E (HT by MT)
<i>?taraae</i> -	SARKAR, 1955, p. 112, pl. IX, fig. 9, text-fig. 17F (HT by MT)
<i>terveri</i> -	ASTIER, 1851, p. 453, pl. XXI, fig. 14 (HT by MT)

⁷⁹ In the view of KAKABADZE (herein) the creation of the Acrioceratidae is not justified and unnecessary. According to him this family and all the genera listed in it must be included in the Ancyloceratidae.

⁸⁰ Does not fulfil the requirements of ICZN article 13.1.1. (no differentia of the new taxon) and 13.3 (no fixation of a type species).

⁸¹ OOSTER considered as types the two specimens depicted on his plate 39, fig. 1 and 2. His other depicted specimens on plate 39, fig. 6 and 7 are his 'variétés plus massive'. THOMEL et al., 1990 erroneously designated OOSTER, 1860, pl. 39, fig. 6 as lectotype.

<i>terveri dilatatum</i> -	THOMEL et al., 1990, p. 93, pl. XII, fig. 4, 5, 6 (HT by OD)
<i>terveri splendens</i> -	THOMEL et al., 1990, p. 94, pl. XI, fig. 1 (HT by OD)
<i>uhligi</i> -	SARKAR, 1955, p. 103 (HT by OD UHLIG, 1883, pl. XXVIII, fig. 2)
<i>uhligi multituberculatum</i> -	THOMEL et al., 1990, p. 95, pl. XIV, fig. 2 (HT by OD)
<i>?vespertinum</i> -	ANDERSON, 1938, p. 219, pl. 23, fig. 3, 3a (HT by OD)
<i>?voyanum</i> -	ANDERSON, 1938, p. 206, pl. 59, fig. 1 (HT by OD)
<i>?zulu</i> -	KLINGER & KENNEDY, 1992, p. 110, fig. 27B, 34 (HT by OD)

***Acrioceras (Acrioceras) anglesense* THOMEL, 1965**

- *1965a *Acrioceras (Acrioceras) anglesensis* - THOMEL, p. 43, pl. VII, fig. 7, 8
- 1965a *Acrioceras (Acrioceras) cf. anglesensis* - THOMEL, p. 43
- ?1986 *Acrioceras (Acrioceras) sp. cf. Acrioceras (Acrioceras) anglesensis* - MYCZYŃSKI & TRIFF, p. 123, pl. II, fig. 2
- 1990 *Acrioceras (Acrioceras) anglesensis* - THOMEL et al., p. 74, pl. X, fig. 8
- 1990 *Acrioceras (Acrioceras) sp. gr. anglesensis* - THOMEL et al., pl. X, fig. 9, 10, 11

***Acrioceras (Acrioceras) cuerdae* WIEDMANN, 1962**

- *1962a *Acrioceras (Acrioceras) muckleae cuerdae* - WIEDMANN, p. 144, pl. 9, fig. 3a, 3b
- 1962b *Acrioceras (Acrioceras) muckleae cuerdae* - WIEDMANN, p. 53, pl. 9, fig. 3a, 3b (=WIEDMANN, 1962a, pl. 9, fig. 3a, 3b)
- 1990 *Acrioceras (Acrioceras) cuerdae* - THOMEL et al., p. 74

***Acrioceras (Acrioceras) debelmasi* SARKAR, 1955⁸²**

- *1955 *Acrioceras debelmasi* - SARKAR, p. 106, pl. IX, fig. 7, 8, text-fig. 16A
- non1955 *Acrioceras cf. debelmasi* - SARKAR, p. 107, pl. IX, fig. 10, text-fig. 16B (= *Acrioceras (Acrioceras) sarasini villoutreysi*)
- 1990 *Acrioceras (Acrioceras) debelmasi* - THOMEL et al., p. 75

***Acrioceras (Acrioceras) isocostatum* KAKABADZE, 1981**

- *1981 *Acrioceras (Acrioceras) isocostatum* - KAKABADZE, p. 96, pl. VI, fig. 2
- 1990 *Acrioceras (Acrioceras) sp. aff. isocostatum* - THOMEL et al., p. 75, pl. X, fig. 1, 2
- 2005 *Acrioceras (Acrioceras) isocostatum* - KAKABADZE in KOTETISHVILI et al., p. 354, pl. 72, fig. 4 (=KAKABADZE, 1981, pl. VI, fig. 2)

***Acrioceras (Acrioceras) julivertii* ETAYO-SERNA, 1968**

- *1968 *Acrioceras julivertii* - ETAYO-SERNA, p. 56, pl. II, fig. 3, 4, text-fig. 4: 6
- 1976 *Acrioceras (?) aff. julivertii* - OBATA & OGAWA, p. 105, pl. 4, fig. 6
- 2000b *Acrioceras julivertii* - PATARROYO, p. 152

***Acrioceras (Acrioceras) lakhmiae* SARKAR, 1955**

- *1955 *Acrioceras lakhmiae* - SARKAR, p. 108, pl. VIII, fig. 10, text-fig. 16D
- 1990 *Acrioceras (Acrioceras) lakhmiae* - THOMEL et al., p. 76, pl. XVII, fig. 6

⁸² Considered by THOMEL et al., 1990, p. 75 as a subspecies of *Acrioceras sarasini*.

***Acrioceras (Acrioceras) maheswariae* SARKAR, 1955**

- *1955 *Acrioceras maheswariae* - SARKAR, p. 108, pl. VIII, fig. 17, text-fig. 16E
1990 *Acrioceras (Acrioceras) maheswariae* - THOMEL et al. p. 76, pl. X, fig. 3 (=SARKAR, 1955, pl. VIII, fig. 17), fig. 5
1990 *Acrioceras* sp. aff. *maheswariae* - THOMEL et al., pl. X, fig. 6

***Acrioceras (Acrioceras) maioense* (STAHLECKER, 1935)**

- *1935 *Ancyloceras maioense* - STAHLECKER, p. 279, pl. XII, fig. 6

***Acrioceras (Acrioceras) meriani* (OOSTER, 1860)**

- *1860 *Ancyloceras Meriani* - OOSTER, p. 35, pl. 39, fig. 1, 2, 3, 4, 5
?1860 *Ancyloceras Meriani* variété plus massive - OOSTER, p. 35, pl. 39, fig. 6, 7
?1860 *Ancyloceras Meriani* varietas? - OOSTER, p. 36, pl. 40, fig. 1
1900 *Crioceras Meriani* - SIMIONESCU, p. 518
1902 *Crioceras Meriani* variété 1 - SARASIN & SCHÖNDELMAYER, pl. XVI, fig. 3 (=OOSTER, 1860, pl. 39, fig. 2)
?1902 *Crioceras Meriani* variété 2 - SARASIN & SCHÖNDELMAYER, p. 133, pl. XVII, fig. 1 (=OOSTER, 1860, pl. 39, fig. 6)
1910b *Crioceras Meriani* - KILIAN, p. 272
?1914 *Crioceras* cf. *Meriani* - ZWIERZYCKI, p. 77, pl. X, fig. 4
1955 *Acrioceras meriani* - SARKAR, p. 121
1955 *Acrioceras* cf. *meriani* - SARKAR, p. 122, pl. VII, fig. 23, text-fig. 20
1964 *Acrioceras* sp. (ex gr. *A. meriani*) - FÜLOP, pl. XVI, fig. 11
1990 *Acrioceras (Acrioceras)* cf. *meriani* - THOMEL et al., pl. I, fig. 2
?1990 *Acrioceras (Acrioceras) meriani* - THOMEL et al., p. 77, pl. I, fig. 3, 4 (=OOSTER, 1860, pl. 39, fig. 6, 7)
1990 *Acrioceras (Acrioceras)* entre *meriani* en *tabarelli* - THOMEL et al., pl. I, fig. 1
1990 *Acrioceras (Acrioceras)* aff. *meriani* - THOMEL et al., pl. I, fig. 6
1992 *Acrioceras meriani* - KLINGER & KENNEDY, p. 121
?1993 *Acrioceras* sp. aff. *A. merianae* - AGUIRRE-URRETA, p. 70, pl. VII, fig. 3, 4
1998 *Acrioceras* cf. *meriani* - CECCA et al., p. 96, pl. 3, fig. 24
2003 *Mesocrioceras meriani* - BUSNARDO et al., p. 76, pl. VII, fig. 4, 6 (=OOSTER, 1860, pl. 39, fig. 2)

***Acrioceras (Acrioceras) meriani dilatatum* SARKAR, 1955**

- *1955 *Acrioceras meriani* var. *dilatata* - SARKAR, p. 122, pl. VIII, fig. 1
1990 *Acrioceras (Acrioceras) meriani dilatata* - THOMEL et al., p. 78, pl. I, fig. 5, pl. 17, fig. 1 (=SARKAR, 1955, pl. VIII, fig. 1)

***Acrioceras (Acrioceras) meriani tabarelliforme* SARKAR, 1955**

- *1955 *Acrioceras meriani* var. *tabarelliformis* - SARKAR, p. 122, pl. VII, fig. 21
1990 *Acrioceras (Acrioceras) meriani tabarelliformis* - THOMEL et al., p. 78, pl. XVII, fig. 3 (=SARKAR, pl. VII, fig. 21)

***Acrioceras (Acrioceras) muckleae* SARKAR, 1955**

- *1955 *Acrioceras muckleae* - SARKAR, p. 109, pl. IX, fig. 3, text-fig. 17A
?1981 *Acrioceras (Acrioceras) mukleae* - KAKABADZE, pl. VIII, fig. 2a, 26
1990 *Acrioceras (Acrioceras) muckleae* - THOMEL et al., p. 82

72005 *Acrioceras (Acrioceras) cf. muckleae* - KAKABADZE in KOTETISHVILI et al., pl. 72, fig. 3a, 3b (=KAKABADZE, 1981, pl. VIII, fig. 2a, 2b)

***Acrioceras (Acrioceras) pruvosti* SARKAR, 1955**

- *1955 *Acrioceras pruvosti* - SARKAR, p. 123, pl. IX, fig. 11
1990 *Acrioceras (Acrioceras) pruvosti* - THOMEL et al., p. 83, pl. XVII, fig. 2 (=SARKAR, 1955, pl. IX, fig. 11)
1990 *Acrioceras (Acrioceras) cf. pruvosti* - THOMEL et al., pl. III, fig. 3

***Acrioceras (Acrioceras) ramkrishnai* SARKAR, 1955**

- *1955 *Acrioceras ramkrishnai* - SARKAR, p. 109, pl. V, fig. 17, pl. VIII, fig. 12, text-fig. 17B
1965a *Acrioceras (Acrioceras) cf. ramkrishnai* - THOMEL, p. 44
1990 *Acrioceras (Acrioceras) ramkrishnai* - THOMEL, p. 84, pl. I, fig. 5, 6, 7
1990 *Acrioceras (Acrioceras) ramkrishnai ramkrishnai* - THOMEL et al., p. 84, pl. XV, fig. 5, 6, 7 (=SARKAR, 1955, pl. VIII, fig. 12)
1990 *Acrioceras (Acrioceras) entre ramkrishnai ramkrishnai et ramkrishnai maureli* - THOMEL et al., pl. XV, fig. 10
1990 *Acrioceras (Acrioceras) gr. ramkrishnai* - THOMEL et al., pl. XV, fig. 11

***Acrioceras (Acrioceras) ramkrishnai major* THOMEL et al., 1990**

- *1990 *Acrioceras (Acrioceras) ramkrishnai major* - THOMEL et al., p. 85, pl. XV, fig. 8

***Acrioceras (Acrioceras) ramkrishnai maureli* THOMEL, 1965**

- *1965a *Acrioceras (Acrioceras) ramkrishnai var. maureli* - THOMEL, p. 44, pl. VII, fig. 5
1990 *Acrioceras (Acrioceras) ramkrishnai maureli* - THOMEL et al., p. 85, pl. XV, fig. 1 (=THOMEL, 1965a, pl. VII, fig. 5), fig. 2, 3, 4, 9
2000b *Acrioceras (Acrioceras) ramkrishnai maureli* - DELANOY et al., fig. on p. 27 (=THOMEL et al., 1990, pl. XV, fig. 1, 2, 3)

***Acrioceras (Acrioceras) sarasini* SARKAR, 1955**

- 1902 *Crioceras Tabarelli* - SARASIN & SCHÖNDELMAYER, p. 127, pl. XV, fig. 3
*1955 *Acrioceras tabarelli* sp. var. *sarasini* - SARKAR, p. 103 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XV, fig. 3)
1957 *Acrioceras tabarelli* - ARKELL et al., p. L211, fig. 239: 1 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XV, fig. 3)
1964 *Acrioceras tabarelli* - NIKOLOV, pl. III, fig. 2a, 2b
1966 *Acrioceras tabarelli sarasini* - BRESKOVSKI, p. 79, pl. I, fig. 2
1967 *Acrioceras tabarelli sarasini* - DIMITROVA, p. 53, pl. XX, fig. 2 (=BRESKOVSKI, 1966, pl. I, fig. 2)
1990 *Acrioceras (Acrioceras) sarasini sarasini* - THOMEL et al., p. 86, pl. V, fig. 1, fig. 2 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XV, fig. 3), fig. 4, 8, 9, 10, pl. VI, fig. 1, 2, 6, 7, pl. VII, fig. 8, 10, pl. IX, fig. 6
1990 *Acrioceras* sp. gr. *sarasini* - THOMEL et al., pl. V, fig. 7
1990 *Acrioceras* sp. aff. gr. *sarasini* - THOMEL et al., pl. VIII, fig. 9
1990 *Acrioceras* entre *sarasini* et *tabarelli* - THOMEL et al., pl. IV, fig. 1, 3, pl. VI, fig. 4, 5
1990 *Acrioceras* cf. *sarasini* - THOMEL et al., pl. V, fig. 3, 5, pl. VI, fig. 3
1990 *Acrioceras* gr. *sarasini* - THOMEL et al., pl. V, fig. 11, pl. VIII, fig. 1, 4, 5, pl. IX, fig. 8
1990 *Acrioceras* sp. (?nov. sp.), intermédiaire entre *sarasini* et *terveri* - THOMEL et al., pl. VII, fig. 5, 6, 7, pl. VIII, fig. 2

- 1996 *Acrioceras (Acrioceras) tabarelli* - WRIGHT et al., p. 223, fig. 173: 1 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XV, fig. 3)
- 2000b *Acrioceras sarasini* - DELANOY et al., fig. on p. 17, fig. on p. 28 (=THOMEL et al., 1990, pl. VI, fig. 6, 7)
- 2001 *Acrioceras* sp. ex gr. *A. sarasini* - AVRAM et al., p. 17, pl. I, fig. 5

***Acrioceras (Acrioceras) sarasini ganeshai* SARKAR, 1955**

- *1955 *Acrioceras ganeshai* - SARKAR, p. 107, pl. IV, fig. 20, text-fig. 16C
- 1990 *Acrioceras (Acrioceras) sarasini ganeshai* - THOMEL et al., p. 75, 96, pl. VII, fig. 9

***Acrioceras (Acrioceras) sarasini villoutreysi* THOMEL et al., 1990**

- 1955 *Acrioceras* cf. *debelmasi* - SARKAR, p. 107, pl. IX, fig. 10, text-fig. 16B
- *1990 *Acrioceras (Acrioceras) sarasini villoutreysi* - THOMEL et al., p. 88, pl. VII, fig. 1, fig. 2 (=SARKAR, 1955, pl. IX, fig. 10, text-fig. 16B), fig. 3, 4
- 1990 *Acrioceras* sp. gr. *sarasini* aff. *sarasini villoutreysi* - THOMEL et al., pl. XI, fig. 8

***Acrioceras (Acrioceras) shankariae* SARKAR, 1955**

- *1955 *Acrioceras shankariae* - SARKAR, p. 110, pl. VI, fig. 9, text-fig 17C
- 1990 *Acrioceras (Acrioceras) shankariae* - THOMEL et al., p. 89

***Acrioceras (Acrioceras) spathi* SARKAR, 1955**

- *1955 *Acrioceras spathi* - SARKAR, p. 124, pl. VII, fig. 20
- non1981 *Acrioceras (Acrioceras) spathi* - KAKABADZE, pl. IV, fig. 4a, 4b, 5a, 5b
- 1990 *Acrioceras (Acrioceras) spathi* - THOMEL et al., p. 89, pl. VII, fig. 11, 12 (=SARKAR, 1955, pl. VII, fig. 20)

***Acrioceras (Acrioceras) tabarelli* (ASTIER, 1851)**

- 1848 *Ancyloceras pulcherrimus* - VON QUENSTEDT, p. 283, pl. 21, fig. 1a, 1b, 1c
- *1851 *Ancyloceras Tabarelli* - ASTIER, p. 449, pl. XXI, fig. 9
- ?1858 *Ancyloceras Tabarelli* - PICTET & DE LORJOL, p. 27, pl. V, fig. 1, 2, 4, 6, 7, non fig. 3, 5
- 1860 *Ancyloceras tabarelli* - OOSTER, p. 37, pl. 41, fig. 1, 2, 3, 4, 5, 6, 7
- 1861 *Ancyloceras Tabarelli* - PICTET & CAMPICHE, p. 48
- 1876 *Ancyloceras Tabarelli* - REYNÈS, p. 106
- non1883 *Crioceras Tabarelli* - UHLIG, p. 268, pl. XXVIII, fig. 2 (=Acrioceras (Acrioceras) uhligi)
- 1892 *Crioceras* cf. *Tabarelli* - TOULA, p. 338, p. 18, pl. I, fig. 7a, 7b
- 1900 *Crioceras Tabarelli* - PAQUIER, p. (562)304
- non1902 *Crioceras Tabarelli* - SARASIN & SCHÖNDELMAYER, p. 127, pl. XV, fig. 3 (=Acrioceras (Acrioceras) sarasini)
- 1905 *Crioceras (Ancyloceras) Tabarelli* - RICHARZ, p. 350(8)
- 1910b *Crioceras Tabarelli* - KILIAN, p. 272
- 1955 *Acrioceras tabarelli* - SARKAR, p. 102
- 1955 *Acrioceras* cf. *tabarelli* (forme n° 1) - SARKAR, p. 103, text-fig. 15A
- 1955 *Acrioceras* cf. *tabarelli* (forme n° 2) - SARKAR, p. 103, pl. IX, fig. 12, text-fig. 15 B
- 1955 *Acrioceras* cf. *tabarelli* (forme n° 3) - SARKAR, p. 104, pl. VI, fig. 16, text-fig. 15C
- 1955 *Acrioceras* cf. *tabarelli* (forme n° 4) - SARKAR, p. 104, pl. VIII, fig. 5, text-fig. 15D
- 1955 *Acrioceras* cf. *tabarelli* (forme n° 5) - SARKAR, p. 105, pl. VIII, fig. 14, text-fig. 15E
- 1955 *Acrioceras* cf. *tabarelli* (forme n° 6) - SARKAR, p. 105, pl. VIII, fig. 19, text-fig. 15F
- 1955 *Acrioceras* cf. *tabarelli* (forme n° 7) - SARKAR, p. 105, pl. VII, fig. 24, text-fig. 15G
- 1955 *Acrioceras* cf. *tabarelli* (forme n° 8) - SARKAR, p. 105, pl. VI, fig. 8
- 1956 *Ancyloceras tabarelli* - ANDJELKOVIĆ, p. 147

- non1957 *Acrioceras tabarelli* - ARKELL et al., p. L211, fig. 239: 1 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XV, fig. 3) (= *Acrioceras (Acrioceras) sarasini*)
- ?1964 *Acrioceras tabarelli* - NIKOLOV, p. 123, pl. II, fig. 3, pl. III, fig. 1, 4, non fig. 2a, 2b (= *Acrioceras (Acrioceras) sarasini*)
- 1965a *Acrioceras (Acrioceras) tabarelli* - THOMEL, p. 41, pl. VII, fig. 2, 3, non fig. 4 (= *Acrioceras (Acrioceras) terveri*)
- 1966 *Acrioceras tabarelli tabarelli* - BRESKOVSKI, p. 78, pl. III, fig. 2
- ?1966 *Hamulina dissimilis* - BRESKOVSKI, p. 83, pl. IV, fig. 3a, 3b
- 1967 *Acrioceras tabarelli tabarelli* - DIMITROVA, p. 53, pl. XX, fig. 1
- non1972 *Acrioceras (Acrioceras) aff. tabarelli* - VAŠIČEK, p. 50, pl. III, fig. 3 (= ?*Rugacrioceras* sp.)
- 1976 *Acrioceras aff. tabarelli* - OBATA et al., p. 133, pl. 2, fig. 1
- 1978 *Acrioceras ex gr. tabarelli* - IMMEL, pl. VI, fig. 5
- non1980 *Acrioceras tabarelli* - THOMEL, p. 51, fig. 89 (=THOMEL, 1965a, pl. VII, fig. 4) (= *Acrioceras (Acrioceras) terveri*)
- 1984 *Acrioceras* ? sp. aff. *A. tabarelli* - AVRAM & KUSKO, p. 13, pl. II, fig. 10
- 1987 *Acrioceras (Acrioceras) tabarelli* - IMMEL, p. 119, pl. 12, fig. 3
- 1989 *Acrioceras tabarelli* - CONTE, p. 36, fig. 1 on p. 37
- 1990 *Acrioceras (Acrioceras) tabarelli tabarelli* - THOMEL et al., p. 90, pl. II, fig. 1, 3, 4, 5, 6, fig. 7, 8 (=ASTIER, 1851, pl. XXI, fig. 9), fig. 9, 10, pl. III, fig. 4, 5, 6, 9, pl. X, fig. 7
- 1990 *Acrioceras aff. tabarelli* - THOMEL et al., pl. II, fig. 11
- 1990 *Acrioceras gr. tabarelli* - THOMEL et al., pl. III, fig. 1, pl. IV, fig. 4, 5, 6, pl. VIII, fig. 7, pl. IX, fig. 2, pl. X, fig. 4
- 1990 *Acrioceras entre tabarelli et sarasini* - THOMEL et al., pl. III, fig. 7, 8, pl. V, fig. 6, pl. IX, fig. 3, 4
- 1990 *Acrioceras entre tabarelli et terveri* - THOMEL et al., pl. IV, fig. 8, 9
- 1990 *Acrioceras entre tabarelli - terveri et uhligi* - THOMEL et al., pl. IV, fig. 10
- 1990 *Acrioceras sp. entre gr. tabarelli et uhligi* - THOMEL et al., pl. XI, fig. 6
- 1990 *Acrioceras sp. (?nov.) aff. tabarelli et sarasini* - THOMEL et al., pl. VIII, fig. 3
- 1992 *Acrioceras tabarelli* - KLINGER & KENNEDY, p. 115
- 1995 *Acrioceras sp. aff. A. tabarelli* - AVRAM, p. 119, pl. 3, fig. 7, non pl. 14, fig. 7
- non1996 *Acrioceras (Acrioceras) tabarelli* - WRIGHT et al., p. 223, fig. 173: 1 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XV, fig. 3) (= *Acrioceras (Acrioceras) sarasini*)
- 1998 *Acrioceras tabarelli* - CECCA et al., p. 96, p. 3, fig. 25a, 25b
- 2000b *Acrioceras gr. tabarelli* - DELANOY et al., p. 17
- 2003 *Acrioceras tabarelli* - BUSNARDO et al., p. 77, pl. XVIII, fig. 1, 3, pl. XXIV, fig. 4, pl. XXVI, fig. 5
- 2005 *Acrioceras gr. tabarelli* - MOURGUES et al., p. 150

***Acrioceras (Acrioceras) tabarelli sugrivai* SARKAR, 1955**

- *1955 *Acrioceras sugrivai* - SARKAR, p. 111, pl. VIII, fig. 18, text-fig. 17E
- 1990 *Acrioceras (Acrioceras) tabarelli sugrivai* - THOMEL et al., p. 91, pl. II, fig. 2, pl. XIII, fig. 6, pl. XVII, fig. 5 (=SARKAR, 1955, pl. VIII, fig. 18, text-fig. 17E)

***Acrioceras (Acrioceras)? taraae* SARKAR, 1955**

- *1955 *Acrioceras taraae* - SARKAR, p. 112, pl. IX, fig. 9, text-fig. 17F
- 1990 *Acrioceras taraae* - THOMEL et al., p. 91

***Acrioceras (Acrioceras) terveri* (ASTIER, 1851)**

- *1851 *Ancyloceras Terveri* - ASTIER, p. 453, pl. XXI, fig. 14
- 1860 *Ancyloceras Terveri* - OOSTER, pl. 41, fig. 8 (=ASTIER, 1851, pl. XXI, fig. 14)
- 1861 *Ancyloceras Terveri* - PICTET & CAMPICHE, p. 51
- 1902 *Crioceras Terveri* - SARASIN & SCHÖNDELMAYER, p. 128

- 1910b *Crioceras Terveri* - KILIAN, p. 271
 1955 *Acrioceras terveri* - SARKAR, p. 117, pl. VII, fig. 15 (=ASTIER, 1851, pl. XXI, fig. 14)
 non1955 *Acrioceras cf. terveri* - SARKAR, p. 119, pl. VII, fig. 22 (=Rugacrioceras monopujaae minor)
 1965a *Acrioceras (Acrioceras) tabarelli* - THOMEL, pl. VII, fig. 4
 1980 *Acrioceras tabarelli* - THOMEL, p. 51, fig. 89 (=THOMEL, 1965a, pl. VII, fig. 4)
 1990 *Acrioceras gr. terveri* - THOMEL et al., pl. IV, fig. 2
 1990 *Acrioceras (Acrioceras) terveri terveri* - THOMEL et al., p. 92, pl. IX, fig. 1, pl. XI, fig. 9, pl. XII, fig. 1, fig. 2, 3, 7 (=ASTIER, 1851, pl. XXI, fig. 14), pl. XIII, fig. 2
 1990 *Acrioceras* sp. entre gr. *terveri* et gr. *uhligi* - THOMEL et al., pl. XIV, fig. 7, 8
 1992 *Acrioceras terveri* - KLINGER & KENNEDY, p. 120
 2004 *Acrioceras terveri* - VERMEULEN, pl. 4, fig. 2

***Acrioceras (Acrioceras) terveri dilatatum* THOMEL et al., 1990**

- *1990 *Acrioceras (Acrioceras) terveri dilatatum* - THOMEL et al., p. 93, pl. XI, fig. 7, pl. XII, fig. 4, 5, 6, pl. XIII, fig. 1, 3, 5, 7, 8, pl. XIV, fig. 1, 3, 6
 1990 *Acrioceras aff. terveri dilatatum* - THOMEL et al., pl. VIII, fig. 8

***Acrioceras (Acrioceras) terveri splendens* THOMEL et al., 1990**

- *1990 *Acrioceras (Acrioceras) terveri splendens* - THOMEL et al., p. 94, pl. XI, fig. 1, 5

***Acrioceras (Acrioceras) uhligi* SARKAR, 1955**

- 1883 *Crioceras Tabarelli* - UHLIG, p. 268, pl. XXVIII, fig. 2
 *1955 *Acrioceras tabarelli* sp. var. *uhligi* - SARKAR, p. 103 (=UHLIG, 1883, pl. XXVIII, fig. 2)
 1990 *Acrioceras (Acrioceras) uhligi* - THOMEL et al., p. 94
 1990 *Acrioceras gr. tabarelli* aff. *uhligi* - THOMEL et al., pl. III, fig. 2
 1990 *Acrioceras* (?nov. sp.) aff. *uhligi* - THOMEL et al., pl. VIII, fig. 10

***Acrioceras (Acrioceras) uhligi multituberculatum* THOMEL et al., 1990**

- *1990 *Acrioceras (Acrioceras) uhligi multituberculatum* - THOMEL et al., p. 95, pl. XIV, fig. 2

***Acrioceras (Acrioceras)? vespertinum* (ANDERSON, 1938)**

- *1938 *Anahamulina vespertina* - ANDERSON, p. 219, pl. 23, fig. 3, 3a
 1960 *Acrioceras vespertinum* - IMLAY, p. 199, pl. 26, fig. 11, fig. 12 (=ANDERSON, 1938, pl. 23, fig. 3), fig. 13, 14

***Acrioceras (Acrioceras)? voyanum* ANDERSON, 1938**

- *1938 *Acrioceras voyanum* - ANDERSON, p. 206, pl. 59, fig. 1
 1960 *Acrioceras voyanum* - IMLAY, p. 198, pl. 26, fig. 2, 3, 4
 1971 *Acrioceras* (?) aff. *voyanum* - THOMSON, p. 159, fig. 3j
 1974 *Acrioceras* (?) aff. *voyanum* - THOMSON, p. 18, pl. III, fig. b, fig. e (=THOMSON, 1971, fig. 3j), fig. f

***Acrioceras (Acrioceras)? zulu* KLINGER & KENNEDY, 1992**

- *1992 *Acrioceras (Acrioceras) zulu* - KLINGER & KENNEDY, p. 110, fig. 25, 26A, 26B, 26C, 26C, 27A, 27B, 28A, 28B, 28C, 28D, 28E, 29A, 29B, ?29C, 30A, 30B, 30C, 30D, ?30E, ?30F, 31A, 31B, 31C, 31D, ?31E, ?31F, ?31G, ?31H, ?31I, ?31J, 32B, 32C, 33A, 33B, 33C, 33D, 34, 39A, 39B

***Acrioceras (Paraspinoceras)* SARKAR, 1955⁸³**

(1955, p. 101)

(BREISTROFFER, 1952, p. 54 nomen nudum)⁸⁴

TYPE SPECIES: *Ancyloceras pulcherrimus* D'ORBIGNY, 1842, p. 495, pl. 121, fig. 3, 4, 5 (OD).

INCLUDED (SUB)SPECIES:

<i>fourneti</i> -	ASTIER, 1851, p. 450, pl. XXI, fig. 10 (HT by MT)
<i>jourdani</i> -	ASTIER, 1851, p. 453, pl. XXII, fig. 15 (HT by MT)
<i>morloti</i> -	OOSTER, 1860, p. 33, pl. 38, fig. 10 (LT designated by BUSNARDO, 2003, p. 75)
<i>pulcherrimum</i> -	D'ORBIGNY, 1842, p. 495, pl. 121, fig. 3, 4, 5 (LT designated by PATRULIUS & AVRAM, 1976, p. 166)
<i>pulcherrimum latispirum</i> -	SARKAR, 1955, p. 127, pl. X, fig. 5 (HT by MT)
<i>?rosariense</i> -	MYCZYŃSKI, 1977, p. 159, pl. 6, fig. 2 (HT by OD)

***Acrioceras (Paraspinoceras)ourneti* (ASTIER, 1851)**

- *1851 *Ancyloceras Fourneti* - ASTIER, p. 450, pl. XXI, fig. 10
1860 *Ancyloceras Fourneti* - OOSTER p. 22, pl. 34, fig. 9 (= ASTIER, 1851, pl. XXI, fig. 10), non fig. 10, 11 (= *Sabaudiella sabaudiana*)
1861 *Ancyloceras Fourneti* - PICTET & CAMPICHE, p. 45
1900 *Crioceras Fourneti* - SIMIONESCU, p. 518
1902 *Crioceras Fourneti* - SARASIN & SCHÖNDELMAYER, p. 103
1910b *Crioceras Fourneti* - KILIAN, p. 272
1955 « *Paraspinoceras* » *fourneti* - SARKAR, p. 125, pl. VI, fig. 18 (=ASTIER, 1851, pl. XXI, fig. 10)
2003 *Paraspinoceras* cf. *fourneti* - BUSNARDO et al., p. 75, pl. VIII, fig. 5

***Acrioceras (Paraspinoceras)jourdani* (ASTIER, 1851)**

- *1851 *Ancyloceras Jourdani* - ASTIER, p. 453, pl. XXII, fig. 13
1860 *Ancyloceras Jourdani* - OOSTER, p. 16, pl. 33, fig. 4 (=ASTIER, 1851, pl. XXII, fig. 13)
non1860 *Ancyloceras Jourdani* - OOSTER, pl. 32, fig. 1, 2 (= *Amorina fumisuginum*), pl. 33, fig. 1, 2, 3, 5 (= *Anahamulina* sp.), pl. 32, fig. 3, pl. 33, fig. 6
1861 *Ancyloceras Jourdani* - PICTET & CAMPICHE, p. 44
1900 *Crioceras Jourdani* - SIMIONESCU, p. 518
non1902 *Crioceras Jourdani* - SARASIN & SCHÖNDELMAYER, p. 141, pl. XVIII, fig. 5 (= *Anahamulina* sp.), pl. XIX, fig. 1 (=OOSTER, 1860, pl. 33, fig. 1), pl. XIX, fig. 2 (=OOSTER, 1860, pl. 33, fig. 6), text-fig. 4 (=UHLIG, 1888, pl. V, fig. 9c)
1910b *Crioceras Jourdani* - KILIAN, p. 272
1955 *Paraspinoceras jourdani* - SARKAR, p. 125
?1976 *Acrioceras (Paraspinoceras) jourdani* - PATRULIUS & AVRAM, p. 166, pl. II, fig. 10
1995 *Paraspinoceras jourdani* - AVRAM, p. 118, pl. 3, fig. 5
2001 *Paraspinoceras jourdani* - AVRAM & GRĂDINARU, p. 139, pl. 2, fig. 2

***Acrioceras (Paraspinoceras)morloti* (OOSTER, 1860)**

- ?1858 *Ancyloceras sabaudianus* - PICTET & DE LORIO, p. 29, pl. VI, fig. 12
*1860 *Ancyloceras Morloti* - OOSTER, p. 33, pl. 38, fig. 6, 7, 8, 9, 10, 11, 12, 13
non1883 *Crioceras* aff. *Morloti* - UHLIG, p. 268, pl. XXVIII, fig. 5
1900 *Ancyloceras Morloti* - SIMIONESCU, p. 512

⁸³ In the view of VERMEULEN (herein) a synonym of *Acrioceras (Acrioceras)*.

⁸⁴ Does not fulfil the requirements of ICZN article 13.1.1. (no differentia of the new taxon).

- 1902 *Crioceras Morloti* - SARASIN & SCHÖNDELMAYER, p. 135, pl. XVII, fig. 2, 4 (=OOSTER, 1860, pl. 38, fig. 10, 7), fig. 3
- 1910b *Crioceras Morloti* - KILIAN, p. 272
- 1955 *Acrioceras (Protacrioceras) morloti* - SARKAR, p. 130
- 2001 *Paraspinoceras morloti* - AGUADO et al., p. 128
- 2003 *Paraspinoceras morloti* - COMPANY, SANDOVAL & TAVERA, p. 691, fig. 6: 8
- 2003 *Paraspinoceras morloti* - BUSNARDO et al., p. 75, pl. VII, fig. 5 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XVII, fig. 3), pl. X, fig. 3 (=OOSTER, 1860, pl. 38, fig. 10)

***Acrioceras (Paraspinoceras) pulcherrimum* (D'ORBIGNY, 1842)**

- *1842 *Ancyloceras pulcherrimum* - D'ORBIGNY, p. 495, pl. 121, fig. 3, 3a, 4, 5, 6, 7, ?3a
- non1848 *Ancyloceras pulcherrimum* - VON QUENSTEDT, p. 283, pl. 21, fig. 1a, 1b, 1c (=Acrioceras (*Acrioceras*) *tabarelli*)
- 1850 *Ancyloceras pulcherrimum* - D'ORBIGNY, p. 65, n° 59
- 1851 *Ancyloceras pulcherrimum* - ASTIER, p. 441
- 1852 *Ancyloceras pulcherrimum* - GIEBEL, p. 319
- 1860 *Ancyloceras pulcherrimum* - OOSTER, p. 23, pl. 35, fig. 1, 2, 3, 4, 5, pl. 36, fig. 1, 2, 3, 4, 5, 6
- 1861 *Ancyloceras pulcherrimum* - PICTET & CAMPICHE, p. 45
- non1863 *Ancyloceras pulcherrimum* - VON SCHAFHÄUTL, p. 422, pl. LXXXVIII, fig. 4a, 4, 4c
- non1868 *Ancyloceras pulcherrimum* - VON EICHWALD, p. 1166
- 1876 *Ancyloceras pulcherrimum* - REYNÈS, p. 106
- non1888 *Crioceras pulcherrimum* - HERBICH, p. 283, pl. XV, fig. 3, 5
- 1888 *Crioceras aff. pulcherrimum* - UHLIG, p. 100
- 1889 *Crioceras pulcherrimum* - HAUG, p. 210
- 1890 *Crioceras pulcherrimum* - PARONA, p. 299
- 1900 *Crioceras pulcherrimum* - SIMIONESCU, p. 519
- 1902 *Crioceras pulcherrimum* - SARASIN & SCHÖNDELMAYER, p. 137, pl. XVII, fig. 5 (=OOSTER, 1860, pl. 35, fig. 1), pl. XVIII, fig. 3
- 1907 *Crioceras (Ancyloceras) pulcherrimum* - KARAKASCH, p. 140, pl. IV, fig. 13
- 1910b *Crioceras pulcherrimum* - KILIAN, p. 225, 272
- 1915 *Crioceras (Ancyloceras) pulcherrimum* - KILIAN & REBOUL, p. 66
- ?1919 *Crioceras cfr. pulcherrimum* - RODIGHIERO, p. 116(80), pl. XII(VI), fig. 3
- 1951 *Crioceras (Ancyloceras) pulcherrimum* - PETKOVIĆ & MARKOVIĆ, p. 31
- 1955 *Paraspinoceras pulcherrimum* var. *latispira* - SARKAR, p. 127, pl. X, fig. 5
- 1955 *Paraspinoceras pulcherrimum* - SARKAR, p. 126
- 1956 *Ancyloceras pulcherrimum* - ANDJELKOVIĆ, p. 147
- 1964 *Ancyloceras cfr. pulcherrimum* - FÜLOP, pl. XVIII, fig. 7
- 1964 *Heteroceras* sp. - FÜLOP, p. 55, pl. XXVIII, fig. 2
- 1965a *Acrioceras (Paraspinoceras) pulcherrimum* - THOMEL, p. 47, pl. VII, fig. 6
- 1976 *Acrioceras (Paraspinoceras) pulcherrimum* - PATRULIUS & AVRAM, p. 166, pl. III, fig. 1
- 1981 *Acrioceras (Hoplocrioceras) pulcherrimum* - KAKABADZE, p. 96, pl. XIX, fig. 2
- 1984 *Paraspinoceras* sp. ex gr. *P. pulcherrimum* - AVRAM & KUSKO, p. 13, pl. II, fig. 3
- 1987 *Paraspinoceras pulcherrimum* - THOMEL et al., p. 215, pl. 1, fig. 4 (=THOMEL, 1965a, pl. VII, fig. 6)
- 1988 *Acrioceras (Hoplocrioceras) pulcherrimum* - VAŠÍČEK & MICHALÍK, p. 668, pl. I, fig. 1, pl. II, fig. 2
- 1989 *Paraspinoceras pulcherrimum* - AUTRAN, p. 108, in fig. 42
- 1990 *Paraspinoceras pulcherrimum* - THOMEL, pl. II, fig. 10, pl. III, fig. 9
- 1993 *Paraspinoceras pulcherrimum* - AUTRAN, p. 116, in fig. 42 (=AUTRAN, 1989, p. 108, in fig. 42)
- 1994 *Acrioceras pulcherrimum* - VAŠÍČEK et al., p. 64, pl. 19, fig. 2
- 1995 *Paraspinoceras pulcherrimum* - AVRAM, p. 117, pl. 3, fig. 6

- 1995 *Acrioceras pulcherrimum* - VAŠÍČEK, pl. 3, fig. 4 (=VAŠÍČEK & MICHALÍK, 1988, pl. I, fig. 1), fig. 5 (=VAŠÍČEK et al., 1994, pl. 19, fig. 2)
- 1996 *Acrioceras (Paraspinoceras) pulcherrimum* - WRIGHT et al., p. 223, fig. 173: 2 (=THOMEL, 1965a, pl. VII, fig. 6)
- 2000 *Acrioceras (Paraspinoceras) pulcherrimum* - VAŠÍČEK & FAUPL, p. 607, pl. IV, fig. 4
- 2003 *Paraspinoceras pulcherrimum* - BUSNARDO et al., p. 75, pl. V, fig. 3, 7, 10, pl. VII, fig. 2, 3, 7
- 2005 *Acrioceras (Hopliocrioceras) pulcherrimum* - KAKABADZE in KOTETISHVILI et al., p. 354, pl. 84, fig. 2 (=KAKABADZE, 1981, pl. XIX, fig. 2)
- 2006 *Paraspinoceras pulcherrimum* - FÖZY & JANSSEN, p. 48, fig. 3C (=FÜLOP, 1964, pl. XXVIII, fig. 2)
- 2006 *Acrioceras (Acrioceras) pulcherrimum* - LUKENEDER & ASPMAIR, pl. 6, fig. 10
- 2006 *Paraspinoceras pulcherrimum* - BUSNARDO in GAUTHIER, p. 146, pl. 15, fig. 3 (=D'ORBIGNY, 1842, pl. 121, fig. 3), pl. 16, fig. 3⁸⁵

Acrioceras (Paraspinoceras)? rosariense MYCZYŃSKI, 1977

- *1977 *Acrioceras (Paraspinoceras) rosariensis* - MYCZYŃSKI, p. 159, pl. 6, fig. 2

Dissimilites SARKAR, 1954⁸⁶ (1954b, p. 619)

TYPE SPECIES: *Hamites dissimilis* D'ORBIGNY, 1842, p. 529 (BUSNARDO in GAUTHIER, 2006, pl. 20, fig. 8) (OD).

INCLUDED (SUB)SPECIES:

- | | |
|------------------------|---|
| <i>brestakensis</i> - | DIMITROVA, 1967, p. 83 (HT by OD BRESKOVSKI, 1966, pl. IV, fig. 4) |
| <i>dissimilis</i> - | D'ORBIGNY, 1842, p. 529 (LT designated by BUSNARDO in GAUTHIER, 2006, p. 155, pl. 20, fig. 8) |
| <i>emericianus</i> - | D'ORBIGNY, 1842, p. 530, pl. 130, fig. 9, 10, 11, 12 (nomen dubium) |
| <i>piveteaui</i> - | SARKAR, 1955, p. 139 (LT requested) |
| <i>subalternatus</i> - | BRESKOVSKI, 1966, p. 84, pl. IV, fig. 5 (HT by OD) |
| <i>trinodosus</i> - | D'ORBIGNY, 1852, p. 215, pl. IV, fig. 1, 2, 3 (HT by MT) |

Dissimilites dissimilis (D'ORBIGNY, 1842)

- *1842 *Hamites dissimilis* - D'ORBIGNY, p. 529, pl. 130, fig. 4, 5, 6, 7
- 1842 *Hamites emericianus* - D'ORBIGNY, p. 530, pl. 130, fig. 9, 10, 11, 12
- 1850 *Hamites Emericana* - D'ORBIGNY, p. 66, n° 70
- 1850 *Hamulina dissimilis* - D'ORBIGNY, p. 102, n° 645*
- 1852 *Hamulina dissimilis* - D'ORBIGNY, p. 212, pl. III, fig. 1, 2, 3
- 1852 *Hamites dissimilis* - GIEBEL, p. 303
- non1859 *Hamites Dissimilis* - VILANOVA Y PIERA, pl. 2, fig. 1 (=Toxoceratoides sp.)
- 1861 *Hamulina dissimilis* - PICTET & CAMPICHE, p. 103
- 1883 *Crioceras dissimile* - UHLIG, p. 269, pl. XXV, fig. 3, ?fig. 2, non fig. 4a, 4b, 4c, 4d (=Dissimilites subalternatus)

⁸⁵ Designated as paratype by BUSNARDO in GAUTHIER, 2006.

⁸⁶ WRIGHT et al, 1996 consider *Dissimilites* as a subgenus of *Acrioceras*. Both genera are related for *Acrioceras* is probably the ancestor of *Dissimilites*, but the last has clearly another stratigraphical range starting in the Zone of *Nicklesia pulchella* of the Lower Barremian and is in the view of VERMEULEN, 2004 the ancestor of *Toxoceratoides*.

- 1888 *Crioceras dissimile* - UHLIG, p. 100(32)
 1889b *Crioceras dissimile* - KILIAN, p. 232
 1889 *Crioceras dissimile* - HAUG, p. 209(17)
 1892 *Crioceras dissimile* - TOULA, p. 338
 non1898 *Crioceras dissimile* - SIMIONESCU, 144(88), pl. IV, fig. 8a, 8b (=?*Dissimilites subalternatus*)
 1900 *Crioceras dissimile* - SIMIONESCU, p. 517
 1902 *Crioceras (Hamulina) dissimile* - SARASIN & SCHÖNDELMAYER, p. 102
 1907 *Hamulina* cf. *Emerici* - KARAKASCH, p. 152, pl. IV, fig. 2a, 2b
 1910b *Crioceras (Hamulina) dissimile* - KILIAN, p. 272
 non1914 *Crioceras* aff. *dissimile* - KAZANSKY, p. 42, pl. I, fig. 12, 13 (=?*Toxoceratoides* sp.)
 non1915 *Crioceras dissimile* (sub *Hamulina*) - KILIAN & REBOUL, p. 75, pl. I, fig. 4
 1921 *Hamulina Emericiana* - GIGNOUX, p. 126
 1921 *Crioceras dissimilis* - GIGNOUX, p. 127
 1927 *Crioceras dissimile* - ROCH, p. 32
 1930 *Crioceras dissimile* - ROCH, p. 341
 non1946 *Hamulina dissimile* - TZANKOV, pl. XVIII, fig. 3 (=?*Dissimilites subalternatus*)
 1955 *Dissimilites dissimilis* - SARKAR, p. 137
 1955 *Dissimilites* cf. *dissimilis* (forme n° 1) - SARKAR, p. 138, pl. IV, fig. 17, pl. XI, fig. 8
 1955 *Dissimilites* cf. *dissimilis* (forme n° 2) - SARKAR, p. 138, pl. X, fig. 10
 1964 *Dissimilites dissimile* - AVRAM & MATEI, p. 323, pl. I, fig. 6
 non1966 *Hamulina dissimilis* - BRESKOVSKI, p. 83, pl. IV, fig. 3a, 3b (=?*Acrioceras (Acrioceras) tabarelli*)
 1967 *Hamulina dissimile* - NAGY, p. 66, pl. IV, fig. 2, 3
 non1967 *Acrioceras dissimilis* - WACHENDORF, p. 281, pl. 35, fig. 2, 3, text-fig. 5 (=?*Toxoceratoides krenkeli*)
 1970 *Hamulina dissimilis* - NIKOLOV, p. 64
 ?1970 *Ancyloceras (Dissimilites)* n. sp. ex aff. *A. (D.) dissimile* - JELETZKY, pl. XXV, fig. 5a, 5b
 non1970 *Dissimilites* cf. *dissimilis* - KOTETISHVILI, p. 75, pl. VIII, fig. 3a, 3e
 1976a *Dissimilites dissimilis* - AVRAM, p. 30, pl. III, fig. 1 (=AVRAM & MATEI, 1964, pl. I, fig. 6)
 ?1988 *Acrioceras* aff. *dissimilis* - LIU, pl. 8, fig. 2
 1996 *(Dissimilites) dissimilis* - WRIGHT et al., p. 223, fig. 173: 4 (=UHLIG, 1883, pl. XXV, fig. 3)
 2000 *Dissimilites* aff. *dissimilis* - EBBO et al., p. 3, pl. I
 2002a *Dissimilites dissimilis* - AVRAM, p. 25, pl. I, fig. 1, pl. II, fig. 1 (=AVRAM & MATEI, 1964, pl. I, fig. 6)
 2005a *Dissimilites dissimilis* - VERMEULEN, pl. 46, fig. 1
 2006 *Acrioceras (Dissimilites) dissimilis* - LUKENEDER & ASPMAIR, p. 60, pl. 6, fig. 7⁸⁷
 2006 *Dissimilites dissimilis* - BUSNARDO in GAUTHIER, p. 155, pl. 20, fig. 8, 9, text-fig. 70a, 70b
 2006 « *Hamites* » *emericianus* - BUSNARDO in GAUTHIER, p. 156
 2006 *Dissimilites dissimilis* - VAŠÍČEK, p. 434, pl. 3, fig. 4

***Dissimilites piveteau* SARKAR, 1955**

- *1955 *Dissimilites piveteau* - SARKAR, p. 139, pl. X, fig. 9, pl. XI, fig. 7

***Dissimilites subalternatus* (BRESKOVSKI, 1966)**

- 1883 *Crioceras dissimile* - UHLIG, p. 269, pl. XXV, fig. 4a, 4b, 4c, 4d
 ?1898 *Crioceras dissimile* - SIMIONESCU, p. 144(88), pl. IV, fig. 8a, 8b
 ?1946 *Hamulina dissimile* - TZANKOV, pl. XVIII, fig. 3
 1966 *Hamulina trinodosa* - BRESKOVSKI, p. 83, pl. IV, fig. 4
 *1966 *Hamulina subalternata* - BRESKOVSKI, p. 84, pl. IV, fig. 5

⁸⁷ *Dissimilites (Dissimilites) dissimilis* in the legend of their plate.

- 1967 *Hamulina subalternata* - DIMITROVA, p. 82, pl. XXXVIII, fig. 3, fig. 3a (=BRESKOVSKI, 1966, pl. IV, fig. 5)
- 1967 *Hamulina brestackensis* - DIMITROVA, p. 83, pl. XXXVIII, fig. 4 (=BRESKOVSKI, 1966, pl. IV, fig. 4)
- 1976 *Hamulina* aff. *subalternata* - OBATA & OGAWA, p. 104
- 2002a *Dissimilites subalternatus* - AVRAM, p. 25, pl. I, fig. 5, 6, pl. II, fig. 5, 6
- ?2002a *Dissimilites* aff. *subalternatus* - AVRAM, pl. II, fig. 21a, 21b (=SIMIONESCU, 1898, pl. IV, fig. 8a, 8b)
- 2007 *Hamulina* aff. *brestackensis* - OBATA & MATSUKAWA, p. 383, fig. 8A, 8B, 8C, 8D

***Dissimilites trinodosus* (D'ORBIGNY, 1852)**

- *1852 *Hamulina trinodosa* - D'ORBIGNY, p. 215, pl. IV, fig. 1, 2, 3
- 1858 *Hamulina trinodosa* - CHENU, p. 94, fig. 409 (=D'ORBIGNY, 1852, pl. IV, fig. 1, 2, 3)
- 1883 *Crioceras trinodosum* - UHLIG, p. 270
- 1889 *Crioceras trinodosum* - HAUG, p. 208, pl. XIII(VI), fig. 3
- 1896 *Crioceras trinodosum* - LORY & SAYN, p. 164(34)
- 1898 *Crioceras trinodosum* - SIMIONESCU, p. 145(89)
- 1900 *Crioceras trinodosum* - SIMIONESCU, p. 520
- 1910b *Crioceras trinodosum* - KILIAN, p. 271
- 1955 *Dissimilites trinodosus* - SARKAR, p. 139
- non1966 *Hamulina trinodosa* - BRESKOVSKI, p. 83, pl. IV, fig. 4 (=Dissimilites subalternatus)
- 1995 *Dissimilites trinodosus* - AVRAM, pl. 15, fig. 3, 4, 5
- 2002a *Dissimilites trinodosus* - AVRAM, p. 25, pl. I, fig. 2, 3 (=AVRAM, 1995, pl. 15, fig. 4, 5), fig. 4, pl. II, fig. 2, 3 (=AVRAM, 1995, pl. 15, fig. 4, 5), fig. 4
- 2006 *Acrioceras (Dissimilites) trinodosum* - LUKENEDER & ASPMAIR, p. 60, pl. 6, fig. 8, 9, pl. 7, fig. 1⁸⁸
- 2006 *Dissimilites trinodosus* - BUSNARDO in GAUTHIER, p. 156

***Toxoceratoides* SPATH, 1924 (1924a, p. 78)**

=?Toxoceratoides (Colomboceratoides) ETAYO SERNA, 1979, p. 20. TYPE SPECIES: *Toxoceratoides (Colomboceratoides) renzoni*, ETAYO SERNA, 1979, p. 20, pl. 6, fig. 19, text-fig. 3O (OD).⁸⁹

TYPE SPECIES: *Toxoceras royerianum* D'ORBIGNY, 1842, p. 481 (neotype CASEY, 1961, p. 78, text-fig. 30a, 30b, 30c)

INCLUDED (SUB)SPECIES:

<i>asperulus</i> -	VON KOENEN, 1902, p. 372, pl. XXVIII, fig. 9a, 9b, 9c, 9d (LT designated herein) ⁹⁰
<i>biplex</i> -	VON KOENEN, 1902, p. 381 (LT requested)
<i>biplex incrassatus</i> -	VON KOENEN, 1902, p. 382, pl. XLI, fig. 11 (HT by MT)
<i>caucasicus</i> -	KAZANSKY, 1914, p. 38 (LT requested)
<i>corae</i> -	MURPHY, 1975, p. 33, pl. 5, fig. 1, 5 (HT by OD)

⁸⁸ *Dissimilites (Dissimilites) trinodosus* in the legend of their plates.

⁸⁹ In the view of AGUIRRE-URRETA, 1986, p. 307 the ornament and the whorl section of the single fragment of *Toxoceratoides (Colomboceratoides) renzoni*, ETAYO SERNA, 1979 show close similarities to *Toxoceratoides haughtoni*. So we tentatively keep *Toxoceratoides (Colomboceratoides)* in synonymy with *Toxoceratoides* and not with *Tonohamites* as proposed by WRIGHT et al., 1996, p. 223.

⁹⁰ The specimen that VON KOENEN, 1902 described and depicted is here designated as lectotype. His other syntypes are fragments.

<i>?cornucapri - depressus -</i>	ANDERSON, 1938, p. 217, pl. 19, fig. 3 (HT by OD) AVRAM, 2002a, p. 26, pl. I, fig. 12a, 12b, 12c, pl. II, fig. 12 (HT by OD)
<i>emericianus -</i>	D'ORBIGNY, 1842, p. 487, pl. 120, fig. 5 (LT designated by AVRAM, 1976a, p. 31) (neotype requested) ⁹¹
<i>fustiformis -</i>	VON KOENEN, 1902, p. 384 (LT requested)
<i>?greeni -</i>	MURPHY, 1975, p. 33, pl. 5, fig. 2, 3, 6 (HT by OD)
<i>?haughtoni -</i>	KLINGER & KENNEDY, 1977, p. 310, fig. 64B, 64C (HT by OD)
<i>icaunensis -</i>	COTTEAU, 1853, p. 16 (nomen dubium)
<i>karsteni -</i>	UHLIG, 1883, p. 267, pl. XXVIII, fig. 3 (LT designated by VAŠÍČEK, 1973, p. 56)
<i>karstenioides -</i>	VAŠÍČEK & SKUPIEN, 2002, p. 67, pl. 1, fig. 2 (HT by OD)
<i>krenkeli -</i>	FÖRSTER, 1975, p. 160 (HT by OD WACHENDORF, 1967, pl. 35, fig. 2)
<i>nagerai -</i>	LEANZA, 1970, p. 206 (HT by OD BONARELLI & NÁGERA, 1921, text-fig. 4)
<i>obliquatus -</i>	YOUNG & BIRD, 1828, p. 278, pl. XV, fig. 11 (HT by MT)
<i>parvus -</i>	AVRAM, 2002a, p. 26, pl. I, fig. 8, 9a, 9b, pl. II, fig. 9 (HT by OD)
<i>proteus -</i>	SPATH, 1930a, p. 461, pl. XVI, fig. 7 (HT by OD)
<i>?renzoni -</i>	ETAYO SERNA, 1979, p. 20, pl. 6, fig. 19, text-fig. 3O (HT by OD)
<i>rochi -</i>	CASEY, 1961, p. 81 (HT by OD ROCH, 1927, p. 30, pl. I, fig. 4, 4a)
<i>rotundus -</i>	PHILLIPS, 1829, p. 95, pl. I, fig. 24 (HT by MT)
<i>royerianus -</i>	D'ORBIGNY, 1842, p. 481 (neotype designated by CASEY, 1961, p. 78, text-fig. 30a, 30b, 30c) ⁹²
<i>saulae -</i>	MURPHY, 1975, p. 31, pl. 4, fig. 4, 6 (HT by OD)
<i>seminodosus -</i>	ROEMER, 1841, p. 93 (LT PHILLIPS, 1829, p. 95, pl. I, fig. 26 designated by SPATH, 1924a, p. 77 ⁹³)
<i>sheppardi -</i>	SPATH, 1924a, p. 78 (HT by OD PHILLIPS, 1829, p. 95, pl. I, fig. 25)
<i>silesiacum -</i>	UHLIG, 1883, p. 266, pl. XXVIII, fig. 4 (LT designated by NIKOLOV, 1964, p. 123)
<i>starrkingi -</i>	ANDERSON, 1938, p. 207, pl. 59, fig. 4, 4A, pl. 65, fig. 4 (HT by OD)
<i>stefanescui -</i>	AVRAM, 2001, p. 19, pl. I, fig. 7 (HT by OD)
<i>subproteus -</i>	CASEY, 1980, p. 651 (HT by OD CASEY, 1961, p. 83, pl. XX, fig. 7a, 7b)
<i>subroyerianus -</i>	KHALILOV, 1988, p. 355, pl. XI, fig. 8 (HT by MT)
<i>sudalpinus -</i>	CECCA & LANDRA, 1994, p. 409, pl. 3, fig. 1, text-fig. 5a, 5b (HT by OD)
<i>?taylori -</i>	ETHERIDGE, 1892, p. 498, pl. 42, fig. 13 (HT by MT)
<i>?transitorius -</i>	AVRAM, 2002a, p. 27 (nomen nudum) ⁹⁴

⁹¹ BUSNARDO in GAUTHIER, 2006 did not find the lectotype between the syntypes in the collection of d'Orbigny.

⁹² BUSNARDO in GAUTHIER, 2006 designated a lectotype of *Toxoceratoides royerianus* not from the syntypes (that are decayed) but from another part of the collection of d'Orbigny. This is not a valid designation according to the ICZN article 74. 1.

⁹³ By excluding PHILLIPS, 1835, pl. I, fig. 27 from the syntypes.

⁹⁴ A proposal of a new nominal species group-taxon after 1999, must include the fixation of a holotype or syntypes (Article 72. 3. of the ICZN).

***Toxoceratoides asperulus* (VON KOENEN, 1902)**

- *1902 *Ancyloceras asperulum* - VON KOENEN, p. 372, pl. XXVIII, fig. 9a, 9b, 9c, 9d
?1934 *Ancyloceras asperulum* - JÉLEV, p. 175
1982 *Toxoceratoides asperulum* - STÜHMER, SPAETH & SCHMID, pl. 36, fig. 3
1990 *Toxoceratoides* cf. *asperulus* - THIEULOY, p. 102

***Toxoceratoides biplex* (VON KOENEN, 1902)**

- *1902 *Ancyloceras?* *biplex* - VON KOENEN, p. 381, pl. XLI, fig. 3, 10a, 10b
?1933 *Ancyloceras biplex* - ROUCHADZE, p. 222, pl. X, fig. 6 (= *Tonohamites limbatus*)
?1960 *Leptoceras biplex* - DRUSHCHITS, p. 295, pl. XXXIX, fig. 3a, 3b, 3c
1961 *Toxoceratoides* cf. *biplex* - CASEY, p. 83, pl. XX, fig. 6
1986 *Toxoceratoides* cf. *biplex* - AGUIRRE-URRETA, p. 303, fig. 18C, 18D, 19C

***Toxoceratoides biplex incrassatus* (VON KOENEN, 1902)**

- *1902 *Ancyloceras?* *biplex* var. *incrassata* - VON KOENEN, p. 382, pl. XLI, fig. 11

***Toxoceratoides caucasicus* (KAZANSKY, 1914)**

- *1914 *Crioceras* (?) *Caucasicus* - KAZANSKY, p. 38, pl. I, fig. 8a, 8b, 8c, 9a, 9b, 9c, 9d
1926 *Acrioceras* cf. *caucasicum* - RENNIGARTEN, p. 35

***Toxoceratoides corae* MURPHY, 1975**

- *1975 *Toxoceratoides corae* - MURPHY, p. 33, pl. 5, fig. 1, 5

***Toxoceratoides? cornucapri* (ANDERSON, 1938)**

- *1938 *Toxoceras cornucapri* - ANDERSON, p. 217, pl. 19, fig. 3

***Toxoceratoides depressus* AVRAM, 2002**

- ?1992 *Toxoceratoides* sp. 5 - DELANOY, p. 87, pl. 33, fig. 4a, 4b
*2002a *Toxoceratoides* (*Toxoceratoides*) *depressus* - AVRAM, p. 26, pl. I, fig. 12a, 12b, 12c, pl. II, fig. 12
2002a *Toxoceratoides* (*Toxoceratoides*) aff. *depressus* - AVRAM, p. 26, pl. I, fig. 11, 18a, 18b

***Toxoceratoides emericianus* (D'ORBIGNY, 1842)**

- *1842 *Toxoceras Emericianus* - D'ORBIGNY, p. 487, pl. 120, fig. 5, 6, 7, 8, 9
1850 *Toxoceras Emericianus* - D'ORBIGNY, p. 101, n° 636
1854 *Toxoceras Emericianus* - PICTET, p. 706, pl. LV, fig. 13 (= D'ORBIGNY, 1842, pl. 120, fig. 5)
1868 *Toxoceras Emericianum* - VON EICHWALD, p. 1164, Esp. 1309
1900 *Toxoceras Emericianum* - SIMIONESCU, p. 201
1902 *Toxoceras Emericianum* - SARASIN & SCHÖNDELMAYER, p. 118
1915 *Toxoceras Emericianum* - KILIAN & REBOUL, p. 68
1955 «*Toxoceras*» *emericianum* - SARKAR, p. 96
1976a *Toxoceratoides emericianus* - AVRAM, p. 31, pl. III, fig. 11, text-fig. 9
2006 *Toxoceratoides ? emericianus* - BUSNARDO in GAUTHIER, p. 145, pl. 27, fig. 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

***Toxoceratoides fustiformis* (VON KOENEN, 1902)**

- *1902 *Ancyloceras? fustiforme* - VON KOENEN, p. 384, pl. XLI, fig. 4, 5, 7a, 7b, 7c, 9a, 9b, pl. LIII, fig. 8a, 8b, 9a, 9b
1902 *Ancyloceras? cf. fustiforme* - VON KOENEN, p. 386
1955 *Toxoceratoides fustiforme* - SARKAR, p. 97
1961 *Toxoceratoides cf. fustiformis* - CASEY, p. 83, pl. XVII, fig. 4
1982 *Toxoceratoides fustiforme* - STÜHMER, SPAETH & SCHMID, pl. 36, fig. 5
2002a *Toxoceratoides (Toxoceratoides) cf. fustiformis* - AVRAM, p. 26, pl. I, fig. 15, pl. II, fig. 15

***Toxoceratoides? greeni* MURPHY, 1975**

- *1975 *?Toxoceratoides greeni* - MURPHY, p. 33, pl. 5, fig. 2, 3, 6, text-fig. 20

***Toxoceratoides? haughtoni* KLINGER & KENNEDY, 1977**

- *1977 *Toxoceratoides? haughtoni* - KLINGER & KENNEDY, p. 310, fig. 59A, 59B, 59C, 59D, 60A, 60B, 60C, 60D, 60E, 60F, 60G, 60H, 60I, 61A, 61B, 61C, 62A, 62B, 62C, 62D, 63, 64A, 64B, 64C, 65A, 65B, 66B, 79A, 79B
?1979 *Toxoceratoides (Colomboceratoides) renzoni* - ETAYO SERNA, p. 20, pl. 6, fig. 19, text-fig. 30
1986 *Toxoceratoides? haughtoni* - AGUIRRE-URRETA, p. 305, fig. 18A, 19H, 19I, 19J

***Toxoceratoides karsteni* (UHLIG, 1883)**

- *1883 *Crioceras Karsteni* Hohenegger in coll. - UHLIG, p. 267, pl. XXVIII, fig. 3
1883 *Crioceras* n. f. indet. aff. *Karsteni* - UHLIG, p. 267, pl. XXIV, fig. 4
1900 *Crioceras Karsteni* - SIMIONESCU, p. 518
1955 *Acrioceras karsteni* - SARKAR, p. 121
non1973 *Acrioceras (Aspinoceras) karsteni* - VAŠÍČEK, p. 56, pl. IV, fig. 2 (= *Toxoceratoides karstenioides*)
non1976a *Acrioceras cf. karsteni* - AVRAM, p. 28, pl. III, fig. 3, text-fig. 8 (= *Toxoceratoides (Toxoceratoides) sp.*)
non1981 *Acrioceras ex gr. karsteni* - KAKABADZE, p. 96, pl. VIII, fig. 3a, 3b (= *?Dissimilites sp.*)
non1994 *Toxoceratoides karsteni* - CECCA & LANDRA, p. 410, pl. 3, fig. 2 (= *?Toxoceratoides karstenioides*)
non1995 Transitional form between *Acrioceras* and *Toxoceratoides* of the *karsteni/silesiacum* group - CECCA et al., pl. 3, fig. 13 (= *?Dissimilites sp.*)
non1998 *Toxoceratoides karsteni* - DELANOY, pl. 46, fig. 5 (= *?Toxoceratoides karstenioides*)
2002 *Toxoceratoides karsteni* - VAŠÍČEK & SKUPIEN, p. 67, pl. 1, fig. 3

***Toxoceratoides karstenioides* VAŠÍČEK & SKUPIEN, 2002**

- 1973 *Acrioceras (Aspinoceras) karsteni* - VAŠÍČEK, p. 56, pl. IV, fig. 2
?1994 *Toxoceratoides karsteni* - CECCA & LANDRA, p. 410, pl. 3, fig. 2
?1998 *Toxoceratoides karsteni* - DELANOY, pl. 46, fig. 5 (= CECCA & LANDRA, 1994, pl. 3, fig. 2)
*2002 *Toxoceratoides karstenioides* - VAŠÍČEK & SKUPIEN, p. 67, pl. 1, fig. 2, text-fig. 2

***Toxoceratoides krenkeli* FÖRSTER, 1975**

- 1902a *Hamites Royerianus* - KILIAN, p. 465
1910b *Ancyloceras Royerianum* - KRENKEL, p. 151, pl. XVII, fig. 12, 13
1956 *Cf. Tonohamites royerianum* - HAUGHTON & BOSHOFF, p. 13, pl. II, fig. 3
1967 *Acrioceras dissimilis* - WACHENDORF, p. 281, pl. 35, fig. 2, 3, text-fig. 5
1967 *Toxoceratoides royerianus* - WACHENDORF, p. 290, pl. 35, fig. 5, text-fig. 9

- *1975 *Toxoceratoides krenkeli* - FÖRSTER, p. 160, pl. 4, fig. 1a, 1b, fig. 2 (=WACHENDORF, 1967, pl. 35, fig. 2), text-fig. 33a, 33b
 1977 *Toxoceratoides krenkeli* - KLINGER & KENNEDY, p. 308, fig. 59F

***Toxoceratoides nagerai* (LEANZA, 1970)**

- 1921 *Leptoceras* sp. indet. - BONARELLI & NÁGERA, p. 19, fig. text-fig. 4
 1970 *Helicancylus* cf. *patagonicus* - LEANZA, p. 205, fig. IV: 1
 *1970 *Acrioceras nagerai* - LEANZA, p. 206, fig. V: 1
 1986 *Toxoceratoides nagerai* - AGUIRRE-URRETA, p. 298, fig. 14, 15A, 15B, 15C, 16A, 16B, 16C, 16D, 17A, 17B, 17C, 17D
 ?1998 “*Toxoceratoides*” sp. (forme 4) - WITAM, pl. VI, fig. 1, 2, 3
 2004 *Toxoceratoides* aff. *nagerai* - KAKABADZE & HOEDEMAEKER, p. 75, pl. 66, fig. 3

***Toxoceratoides obliquatus* (YOUNG & BIRD, 1928)**

- *1828 *Hamites obliquatus* - YOUNG & BIRD, p. 278, pl. XV, fig. 11
 1962 *Toxoceratoides obliquatus* - HOWARTH, p. 130, pl. 19, fig. 4a, 4b, 4c, 4d (=YOUNG & BIRD, 1828, pl. XV, fig. 11)
 1978 *Hamites obliquatus* - PYRAH, p. 457

***Toxoceratoides parvus* AVRAM, 2002**

- *2002a *Toxoceratoides (Toxoceratoides) parvus* - AVRAM, p. 26, pl. I, fig. 8, 9a, 9b, pl. II, fig. 9

***Toxoceratoides proteus* (SPATH, 1930)**

- *1930a *Tonohamites proteus* - SPATH, p. 461, pl. XVI, fig. 7
 1960 *Toxoceratoides proteus* - CASEY, pl. X, fig. 2a, 2b, 2c (=SPATH, 1930a, pl. XVI, fig. 7)
 1961 *Toxoceratoides proteus* - CASEY, p. 82
 non1961 *Toxoceratoides* aff. *proteus* - CASEY, p. 83, pl. XX, fig. 7a, 7b (= *Toxoceratoides subproteus*)

***Toxoceratoides rochi* CASEY, 1961**

- ?1902 *Toxoceras Royeri* ? - VON KOENEN, p. 399, pl. XXXVII, fig. 7a, 7b, 8a, 8b, 8c
 1927 *Ancyloceras Royerianum* - ROCH, p. 30, pl. I, fig. 4, 4a
 ?1933 *Ancyloceras Royeri* - ROUCHADZE, p. 223
 *1961 *Toxoceratoides rochi* - CASEY, p. 81
 ?1981 *Toxoceratoides* cf. *rochi* - KAKABADZE, pl. XIII, fig. 2a, 2b
 ?2005 *Toxoceratoides* cf. *rochi* - KAKABADZE in KOTETISHVILI et al., p. 364, pl. 80, fig. 2a, 2b (=KAKABADZE, 1981, pl. XIII, fig. 2a, 2b)

***Toxoceratoides rotundus* (PHILIPS, 1829)**

- *1829 *Hamites rotundus* - PHILLIPS, p. 95, pl. I, fig. 24
 1900 *Hamites rotundus* - SIMIONESCU, p. 525

***Toxoceratoides royerianus* (D'ORBIGNY, 1842)**

- *1842 *Toxoceras Royerianus* - D'ORBIGNY, p. 481, pl. 118, fig. 7, 8, 9, 10, 11
 1850 *Toxoceras Royerianus* - D'ORBIGNY, p. 115, n° 50
 ?1853 *Toxoceras Icaunensis* - COTTEAU, p. 16
 non1871 *Toxoceras Royerianum* - VON EICHWALD, p. 36, pl. III, fig. 6, 7, 8
 ?1899 *Toxoceras Royeri* - SEMENOV, p. 134

- non1902 *Toxoceras Royeri* ?- VON KOENEN, p. 399, pl. XXXVII, fig. 7a, 7b, 8a, 8b, 8c
(= ?*Toxoceratoides rochi*)
- non1902a *Hamites Royerianus* - KILIAN, p. 465 (= *Toxoceratoides krenkeli*)
- non1910b *Ancyloceras Royerianum* - KRENKEL, p. 151, pl. XVII, fig. 12, 13 (= *Toxoceratoides krenkeli*)
- non1921 *Toxoceras (Ancyloceras) Royerianum* - TOMITCH, p. 16
- non1927 *Ancyloceras Royerianum* - ROCH, p. 30, pl. I, fig. 4, 4a (= *Toxoceratoides rochi*)
- non1933 *Ancyloceras Royeri* - ROUCHADZE, p. 223 (= ?*Toxoceratoides rochi*)
- non1933 *Ancyloceras Royerianus* - BONSČEV, p. 246(32), pl. V, fig. 13
- ?1934 *Toxoceras Royerianus* - JÉLEV, p. 176
- ?1938b *Ancyloceras* sp. ind. B - ROUCHADZE, pl. II, fig. 6
- 1956 Cf. *Tonohamites royerianum* - HAUGHTON & BOSHOFF, p. 13, pl. II, fig. 3
(= *Toxoceratoides krenkeli*)
- 1958 *Toxoceratoides royerianus* - DRUSHCHITS & ERISTAVI in LUPPOV & DRUSHCHITS, p. 105, pl. XLVIII, fig. 11 (= D'ORBIGNY, 1842, pl. 118, fig. 7), non fig. 10
- 1960 *Toxoceratoides royerianus* - CASEY, pl. VI, fig. 2a, 2b
- 1961 *Toxoceratoides royerianus* - CASEY, p. 78, pl. IV, fig. 2a, 2b, pl. XVII, fig. 3a, 3b, text-fig. 30a, 30b, 30c, fig. 30d, 30e, 30f, 30g, 30h (= D'ORBIGNY, 1842, pl. 118, fig. 7, 8, 9, 10, 11)
- ?1961 *Toxoceratoides icaunense* - CASEY, p. 78
- 1961 *Toxoceratoides* cf. *royerianus* - CASEY, p. 82, pl. XVII, fig. 3a, 3b
- non1967 *Toxoceratoides royerianus* - WACHENDORF, p. 290, pl. 35, fig. 5, text-fig. 9
(= *Toxoceratoides krenkeli*), fig. 1a, 1b, 4 (= *Pseudoustraliceras ramosseptatum*)
- ?1975 *Toxoceratoides* cf. *Toxoceratoides royerianus* - MURPHY, p. 30, pl. 2, fig. 1, pl. 4, fig. 2, text-fig. 18
- non1976a *Toxoceratoides royerianus* n. ssp.? - AVRAM, p. 30, pl. III, fig. 12 (= *Toxoceratoides transitorius*)
- 1977 *Toxoceratoides royerianus* - KLINGER & KENEDY, p. 308, fig. 59E
- 1982 *Toxoceratoides royerianus* - MARTÍNEZ, p. 138, pl. 24, fig. 1a, 1b, 1cc, 1d, 1e, 1f, text-fig. 20
- ?1982 *Toxoceratoides* ? sp. aff. *T. royerianus* - MARTÍNEZ, p. 139, pl. 24, fig. 4a, 4b, 4c, 4d
- 1989 *Toxoceratoides* cf. *royerianus* - CONTE, p. 49, fig. 7 on p. 50
- 1990 *Toxoceratoides royerianus* - THIEULOY, pl. 1, fig. 1A, 1B
- ?1994 *Toxoceratoides royerianus* - MARTÍNEZ et al., p. 347, pl. 3, fig. 3
- 1998 *Toxoceratoides* gr. *royerianus* - WITAM, p. 350, pl. V, fig. 1a, 1b
- ?1999 *Toxoceratoides* aff. *royerianus* - CONTE, p. 13, fig. 6
- 1999 *Toxoceratoides royerianus* - BOGDANOVA et al., p. 53, pl. 8, fig. n, o
- 2001 *Toxoceratoides* cf. *royerianus* - AVRAM et al., p. 17, , pl. I, fig. 8
- 2002 *Toxoceratoides* aff. *royerianum* - IMMEL & GUOXIONG, p. 97, pl. 4, fig. 6
- 2002 *Toxoceratoides royerianus* - BARABOSHKIN & MIKHAILOVA, p. 607, pl. VI, fig. 6
- 2002a *Toxoceratoides (Toxoceratoides) royerianus* - AVRAM, p. 26, pl. I, fig. 7
- 2006 *Toxoceratoides royerianus* - BUSNARDO in GAUTHIER, p. 142, pl. 27, fig. 3a, 3b, 3c, 4

***Toxoceratoides saulae* MURPHY, 1975**

- *1975 *Toxoceratoides saulae* - MURPHY, p. 31, pl. 4, fig. 4, 6, text-fig. 19

***Toxoceratoides seminodosus* (ROEMER, 1841)**

- 1829 *Hamites alternatus* - PHILLIPS, p. 95, pl. I, fig. 26, non fig. 27 (= *Aegocrioceras subseeleyi*)
- *1841 *Hamites seminodosus* - ROEMER, p. 93
- 1924a *Toxoceratoides seminodosum* - SPATH, p. 78
- 1970 *Hamites alternatus* Phillips - RAWSON, p. 587
- 1978 *Toxoceratoides seminodosum* - PYRAH, p. 456, 459

***Toxoceratoides sheppardi* SPATH, 1924**

- 1935 *Hamites attenuates* - PHILLIPS, p. 95, pl. I, fig. 25
*1924a *Toxoceratoides sheppardi* - SPATH, p. 78
1924b *Toxoceratoides sheppardi* - SPATH, p. 174, fig. 5, 6

***Toxoceratoides silesiacus* (UHLIG, 1883)**

- *1883 *Crioceras silesiacum* - UHLIG, p. 266, pl. XXVIII, fig. 4
1902 *Crioceras (Leptoceras) silesiacum* - SARASIN & SCHÖNDELMAYER, p. 146
1910b *Leptoceras Silesiacum* - KILIAN, p. 272
non1921 *Leptoceras* gr. *silesiacum* - BONARELLI & NÁGERA, p. 18, fig. 3 (= *Helicancylus bonarellii*)
1939 *Leptoceras silesiacum* - ROMAN, p. 354
1949 *Leptoceras silesiacum* - VIALLI, p. 56, fig. 19
?1953 *Crioceras (Leptoceras) silesiacum* - ROTH & MATĚJKA, p. 36, pl. I, fig. 4
1955 *Acrioceras silesiacum* - SARKAR, p. 121
non1964 *Acrioceras silesiacum* - NIKOLOV, p. 123, pl. V, fig. 4 (= *Dissimilites* sp. or *Acrioceras* sp.)
1967 *Protacrioceras silesiacum* - DIMITROVA, p. 55, pl. XX, fig. 4 (= NIKOLOV, 1964, pl. V, fig. 4)
1973 *Acrioceras (Aspinoceras) silesiacum* - VAŠÍČEK, p. 56, pl. IV, fig. 1 (=UHLIG, 1883, pl. XXVIII, fig. 4)
non1976a *Acrioceras silesiacum* - AVRAM, p. 27, pl. III, fig. 5, text-fig. 7 (= *Toxoceratoides (Toxoceratoides)* sp.)
1994 *Acrioceras (Aspinoceras) ? silesiacum* - STÖHR, p. 300, pl. 1, fig. 7
1994 *Toxoceratoides* aff. *silesiacus* - CECCA & LANDRA, p. 410, pl. 3, fig. 3
2002a *Toxoceratoides silesiacum* - AVRAM, p. 25

***Toxoceratoides starrkingi* (ANDERSON, 1938)**

- *1938 *Acrioceras starrkingi* - ANDERSON, p. 207, pl. 59, fig. 4, 4A, pl. 65, fig. 4
non1964 *Ancyloceras (Acrioceras)* aff. *starrkingi* - JELETZKY, p. 66, pl. XIX, fig. 2A, 2B, 2C (= *Toxoceratoides* nov. sp.)
1975 *Toxoceratoides starrkingi* - MURPHY, pl. 4, fig. 3, 5, text-fig. 17
2002a *Toxoceratoides (Toxoceratoides)* cf. *starrkingi* - AVRAM, p. 26, pl. I, fig. 13a, 13b, 14, pl. II, fig. 13

***Toxoceratoides stefanescui* AVRAM, 2001**

- *2001 *Toxoceratoides stefanescui* - AVRAM et al., p. 18, pl. I, fig. 6a, 6b, 7
2002a *Toxoceratoides stefanescui* - AVRAM, p. 26, pl. I, fig. 16a, 16b, 17 (=AVRAM et al., 2001, p. 18, pl. I, fig. 6a, 6b, 7)

***Toxoceratoides subproteus* CASEY, 1980**

- 1961 *Toxoceratoides* aff. *proteus* - CASEY, p. 83, pl. XX, fig. 7a, 7b
*1980 *Toxoceratoides subproteus* - CASEY, p. 651, pl. CIII, fig. 3

***Toxoceratoides subroyerianus* KHALILOV, 1988**

- *1988 *Toxoceratoides subroyerianus* - KHALILOV, p. 355, pl. XI, fig. 8

***Toxoceratoides sudalpinus* CECCA & LANDRA, 1994**

- *1994 *Toxoceratoides sudalpinus* - CECCA & LANDRA, p. 409, pl. 3, fig. 1, text-fig. 5a, 5b

Toxoceratoides? taylora (ETHERIDGE, 1892)

- *1892 *Ancyloceras Taylora* - ETHERIDGE, p. 498, pl. 42, fig. 13
 non1909 *Crioceras taylora* - ETHERIDGE, p. 162, pl. XLIX, fig. 3, 5, 6 (= *Labeceras bryani*)
 non1909 *Crioceras taylora* - ETHERIDGE, pl. XLIX, fig. 4 (= *Labeceras laqueum*)
 1926 *Toxoceratoides taylora* - WHITEHOUSE, p. 216
 1968 *Toxoceratoides cf. taylora* - HILL, PLAYFORD & WOODS, p. k.16, pl. K VII

Toxoceratoides? transitorius AVRAM, 2002

- 1976a *Toxoceratoides royerianus* n. ssp.? - AVRAM, p. 30, pl. III, fig. 12
 *2002a *Toxoceratoides ? (Toxoceratoides ?) transitorius* - AVRAM, p. 27, pl. I, fig. 10, pl. II, fig. 10 (=AVRAM, 1976a, pl. III, fig. 12)

Tonohamites SPATH, 1924 (1924a, p. 85)

=? *Raymondcaseyites* AVRAM, 2002a, p. 26. TYPE SPECIES: *Tonohamites limbatus* CASEY, 1961, p. 89, pl. XX, fig. 3a, 3b, 3c (OD).⁹⁵

TYPE SPECIES: *Hamites decurrens* SPATH, 1924a (VON KOENEN, 1902, pl. XXXIII, fig. 2, fig. 3a lower part) (OD).

INCLUDED (SUB)SPECIES:

<i>aequicingulatus</i> -	VON KOENEN, 1902, p. 394, pl. XXXVII, fig. 5a, 5b, 5c (LT designated by CASEY, 1961, p. 87)
<i>boldii</i> -	SZIVES & MONKS, 2002, p. 1140, text-fig. 4A (HT by OD)
? <i>caseyi</i> -	KLINGER & KENNEDY, 1977, p. 324, fig. 69A (HT by OD)
<i>decurrens</i> -	SPATH, 1924a (LT VON KOENEN, 1902, pl. XXXIII, fig. 2, fig. 3a lower part designated by CASEY, 1961 p. 86)
<i>eichwaldi</i> -	SINZOW, 1872, p. 36, pl. VI, fig. 7 (HT by MT)
<i>hunstantonensis</i> -	CASEY, 1961, p. 90, pl. XXI, fig. 1a, 1b, 1c, 1d (HT by OD)
<i>koeneni</i> -	CASEY, 1961, p. 89 (HT by OD VON KOENEN, 1902, pl. XXXIII, fig. 3a upper part, fig. 3b)
<i>limbatus</i> -	CASEY, 1961, p. 89, pl. XX, fig. 3a, 3b, 3c, 4 (HT by OD)
<i>multituberculatus</i> -	IMMEL & GUOXIONG, 2002, p. 97, pl. 4, fig. 3a, 3b (HT by OD)
<i>undosus</i> -	VON KOENEN, 1902, p. 393, pl. XXXV, fig. 13a, 13b, 13c, 13d, 13e, 13f (LT designated herein) ⁹⁶

Tonohamites aequicingulatus (VON KOENEN, 1902)

- *1902 *Hamites aequicingulatus* - VON KOENEN, p. 394, pl. XXXVII, fig. 5a, 5b, 5c, 6a, 6b, 6c, 6d, 6e
 ?1914 *Crioceras aequicingulatum* - KAZANSKY, p. 43
 1915 *Hamites aequicingulatus* - KILIAN & REBOUL, p. 165

⁹⁵ AVRAM, 2002 includes also *Tonohamites aequicingulatus*, *T. eichwaldi* and *T. undosus* in his new genus.

⁹⁶ The specimen with a living chambre that VON KOENEN, 1902 described and depicted. The other two specimens are depressed.

- non1924a *Toxoceratoides* cf. *aequicingulatus* - SPATH, p. 78
 ?1934 *Hamites* sp. (aff. *aequicingulatus*) - JÉLEV, p. 176
 1960 *Tonohamites aequicingulatus* - CASEY, pl. IX, fig. 2a, 2b, 3a, 3b, 4
 1961 *Tonohamites aequicingulatus* - CASEY, p. 87, text-fig. 32 (=VON KOENEN, 1902, pl. XXXVII, fig. 5a, 5b, 5c, 6a, 6b, 6c, 6d, 6e)
 1962b *TONOHAMITES* sp. aff. *aequicingulatus* - COLLIGNON, p. 14, pl. CCXXI, fig. 960
 1977 *Tonohamites aequicingulatus* - KLINGER & KENNEDY, p. 322, fig. 38C, 68A, 68B, 68C, 68D, 68E, 88D
 2001 *Tonohamites* ? cf. *aequicingulatus* - AVRAM et al., p. 16, pl. I, fig. 10

***Tonohamites boldii* SZIVES & MONKS, 2002**

- *2002 *Tonohamites boldii* - SZIVES & MONKS, p. 1140, text-fig. 4A

***Tonohamites?* *caseyi* KLINGER & KENNEDY, 1977**

- *1977 *Tonohamites?* *caseyi* - KLINGER & KENNEDY, p. 324, fig. 46, 69, 69A

***Tonohamites decurrens* SPATH, 1924**

- non1841 *Hamites decurrens* - ROEMER, p. 92, fig. 2 XIV, fig. 9
 non1850 *Hamulina decurrens* - D'ORBIGNY, p. 66, n° 76
 non1852 *Hamulina decurrens* - D'ORBIGNY, p. 227
 non1861 *Hamulina decurrens* - PICTET & CAMPICHE, p. 105
 1902 *Hamites decurrens* - VON KOENEN, p. 392, pl. XXXIII, fig. 2, fig. 3a lower part, not fig. 3a upper part, fig. 3b (= *Tonohamites koeneni*)
 *1924a *Tonohamites decurrens* - SPATH, p. 85
 1930a *Tonohamites decurrens* - SPATH, p. 461
 1960 *Tonohamites decurrens* - CASEY, pl. V, fig. 3a, 3b
 1961 *Tonohamites decurrens* - CASEY, p. 86, pl. XXI, fig. 2, text-fig. 31a lower part, 31b, 31d, 31e (=VON KOENEN, 1902, pl. XXXIII, fig. 2, fig. 3a lower part)
 1981 *Tonohamites* aff. *decurrens* - KAKABADZE, pl. XI, fig. 4a, 4b
 1996 *Tonohamites decurrens* - WRIGHT et al., p. 224, fig. 176a, 176b (=CASEY, 1960, pl. V, fig. 3a, 3b)
 2002a *Toxoceratoides (Tonohamites) decurrens* - AVRAM, p. 25
 2005 *Tonohamites* ex gr. *decurrens* - KAKABADZE in KOTETISHVILI et al., pl. 81, fig. 3a, 3b (=KAKABADZE, 1981, pl. XI, fig. 4a, 4b)

***Tonohamites eichwaldi* (SINZOW, 1872)**

- *1872 *Anisoceras Eichwaldi* Jasykow sp. - SINZOW, p. 36, pl. VI, fig. 7, 8, 9
 1905 *Hamites* (?) *Eichwaldi* - SINZOW, p. 325

***Tonohamites hunstantonensis* CASEY, 1961**

- 1924a *Ancyloceras* sp. nov. - SPATH, p. 79
 1930a *Ancyloceras* n. sp. - SPATH, p. 454
 *1961 *Tohamites* (?) *hunstantonensis* - CASEY, p. 90, pl. XXI, fig. 1a, 1b, 1c, 1d

***Tonohamites koeneni* CASEY, 1961**

- 1902 *Hamites decurrens* - VON KOENEN, pl. XXXIII, fig. 3a upper part, fig. 3b
 *1961 *Tonohamites koeneni* - CASEY, p. 89, text-fig. 35c, 35f, 35g, 35h (=VON KOENEN, 1902, pl. XXXIII, fig. 3a upper part, fig. 3b)
 1961 *Tonohamites* cf. *koeneni* - CASEY, p. 89, pl. XX, fig. 5a, 5b

- 1977 *Tonohamites koeneni* - KLINGER & KENNEDY, p. 320, fig. 66A, 66C, 66D, 67C, 67D, 73A, 81F
 1997 *Tonohamites* sp. ex gr. *koeneni* - KAKABADZE & HOEDEMAEKER, p. 78, pl. 4, fig. 2a, 2b

***Tonohamites limbatus* CASEY, 1961**

- ?1902 *Ancyloceras?* *planicosta* - VON KOENEN, pl. LIII, fig. 12a, 12b, 12c
 ?1933 *Ancyloceras biplex* - ROUCHADZE, p. 222, pl. X, fig. 6
 *1961 *Tonohamites limbatus* - CASEY, p. 89, pl. XX, fig. 3a, 3b, 3c, 4
 1961 *Tonohamites* cf. *limbatus* - CASEY, p. 90, pl. XXI, fig. 3a, 3b
 2001 *Tonohamites* sp. ex gr. *T. limbatus* - AVRAM et al., p. 15, pl. I, fig. 9a, 9b
 ?2005 *Tonohamites* cf. *limbatus* - KAKABADZE in KOTETISHVILI et al., p. 365, pl. 81, fig. 1a, 16 (=ROUCHADZE, 1933, pl. X, fig. 6)

***Tonohamites multituberculatus* IMMEL & GUOXIONG, 2002**

- *2002 *Tonohamites multituberculatus* - IMMEL & GUOXIONG, p. 97, pl. 4, fig. 3a, 3b, 4

***Tonohamites undosus* (VON KOENEN, 1902)**

- *1902 *Hamites?* *undosus* - VON KOENEN, p. 393, pl. XXXV, fig. 13a, 13b, 13c, 13d, 13e, 13f
 ?1914 *Crioceras* cf. *unclosum* - KAZANSKY, p. 44, pl. I, fig. 15a, 15b, 15c

***Hoplocrioceras* SPATH, 1924
 (1924a, p. 78)**

=***Aspinoceras*** ANDERSON, 1938, p. 207. TYPE SPECIES: *Aspinoceras hamlini* ANDERSON, 1938, p. 207, pl. 60, fig. 1 (OD).⁹⁷

TYPE SPECIES: *Hamites Phillipsi* PHILLIPS, 1829, p. 124, pl. I, fig. 30 (OD).

INCLUDED (SUB)SPECIES:

<i>aculeatum</i> -	SPATH, 1924a, p. 78 (nomen nudum)
<i>aequicostatum</i> -	VON KOENEN, 1902, p. 240, pl. XXI, fig. 1, 2 (LT designated by IMMEL, 1978, p. 63)
<i>aequicostatum subtile</i> -	VON KOENEN, 1902, p. 241 (LT requested)
<i>centrifuga</i> -	VON KOENEN, 1902, p. 416 (LT requested) (nomen novum for <i>Crioceras Uhligi</i> , VON KOENEN, 1902, p. 237)
<i>duncanense</i> -	ANDERSON, 1938, p. 160, pl. 27, fig. 1 (HT by OD)
<i>fissicostatum</i> -	ROEMER, 1841, p. 94, pl. XIII, fig. 13a, 13b (HT by MT)
<i>fissicostatum minor</i> -	VON KOENEN, 1902, p. 236 (LT requested)
<i>hamlini</i> -	ANDERSON, 1938, p. 207, pl. 60, fig. 1, 2 (HT by OD)
<i>?kajgorodzevi</i> -	VERESHCHAGIN, 1977, p. 129 (nomen nudum)
<i>laeviusculum</i> -	VON KOENEN, 1902, p. 350 (LT requested)
<i>onoense</i> -	ANDERSON, 1938, p. 202, pl. 53, fig. 3, 3a, 3b, pl. 61, fig. 4 (HT by OD)
<i>phillipsi</i> -	PHILLIPS, 1829, p. 124, pl. I, fig. 30 (HT by MT)
<i>rarocinctum</i> -	VON KOENEN, 1902, p. 245, pl. XL, fig. 3 (LT designated herein) ⁹⁸
<i>remondi</i> -	GABB, 1864, p. 75, pl. XIV, fig. 24, 24a (HT by MT)

⁹⁷ In the view of KAKABADZE (herein) a subgenus of *Hoplocrioceras*.

⁹⁸ The specimen that VON KOENEN, 1902 depicted and regarded as the best specimen.

uhligi -
?wintunium -
yollabollium -

VON KOENEN, p. 237⁹⁹
 ANDERSON, 1938, p. 202, pl. 60, fig. 3 (HT by OD)
 ANDERSON, 1938, p. 203, pl. 72, fig. 2 (HT by OD)

***Hoplocrioceras aculeatum* SPATH, 1924**

*1924a *Hoplocrioceras aculeatum* (Bean MS.) - SPATH, p. 78

***Hoplocrioceras aequicostatum* (VON KOENEN, 1902)**

- ?1902 *Crioceras Uhligi* - VON KOENEN, p. 237, 416
 ?1902 *Crioceras centrifuga* - VON KOENEN, p. 416, pl. XVII, fig. 3, 4
 ?1902 *Crioceras centrifuga* - *Ancylloceras crassum* - VON KOENEN, pl. XIX, fig. 4, 5, 6
 *1902 *Crioceras aequicostatum* - VON KOENEN, p. 240, pl. XXI, fig. 1, 2
 1902 *Crioceras aequicostatum* var. *subtilis* - VON KOENEN, p. 241, pl. XXX, fig. 3
 ?1969 *Hoplocrioceras aequicostatum* - HILTERMANN & KEMPER, pl. 2, fig. 8
 1978 *Crioceratites aequicostatus* - IMMEL, p. 63, pl. 1, fig. 1, text-fig. 11c
 1980 *Crioceratites (Crioceratites) aequicostatus* - IMMEL & MUTTERLOSE, p. 255, pl. 5, fig. 2, 4
 1997 *Crioceratites aequicostatus* - MUTTERLOSE et al., fig. 46: 2

***Hoplocrioceras duncanense* (ANDERSON, 1938)**

- *1938 *Spiticeras duncanense* - ANDERSON, p. 160, pl. 27, fig. 1, 2
 ?1938 *Hoplocrioceras onoense* - ANDERSON, p. 202, pl. 53, fig. 3, 3a, 3b, pl. 61, fig. 4
 1960 *Hoplocrioceras duncanense* - IMLAY, p. 198, pl. 25, fig. 1, 3, 8, fig. 9 (=ANDERSON, 1938, pl. 27, fig. 1)

***Hoplocrioceras fissicostatum* (ROEMER, 1841)**

- non1929 *Ammonites fissicostatus* - PHILLIPS, p. 123, pl. 2, fig. 49 (=Deshayesites? *fissicostatus*) (specimen lost)
 *1841 *Hamites (Ammonites) fissicostatus* Phillips - ROEMER, p. 94, pl. XIII, fig. 13a, 13b
 1881 *Crioceras fissicostatum* - NEUMAYR & UHLIG, p. 185, pl. LVI, fig. 1, 1a
 1902 *Crioceras fissicostatum* - VON KOENEN, p. 233, pl. XII, fig. 2, pl. XXII, fig. 1, 2
 1902 *Crioceras fissicostatum* var. *minor* - VON KOENEN, p. 236, pl. XXIII, fig. 1a, 1b, 2
 1938 *Hoplocrioceras fissicostatum* - ROMAN, p. 354, pl. XXXV, fig. 333 (=NEUMAYR & UHLIG, 1881, pl. LVI, fig. 1)
 1942 *Crioceras (Hoplocrioceras) fissicostatum* - DACQUÉ, pl. I, fig. 12, 12a (=NEUMAYR & UHLIG, 1881, pl. LVI, fig. 1, 1a)
 1957 *Hoplocrioceras fissicostatum* - ARKELL et al., p. L208, fig. 237: 7 (=VON KOENEN, 1902, pl. XXII, fig. 2)
 1967 *Hoplocrioceras fissicostatum* - DIMITROVA, p. 78, text-fig. 34 (=VON KOENEN, 1902, pl. XXII, fig. 2)
 1974 *Hoplocrioceras fissicostatum* - KAEVER et al., p. 221, pl. 1, fig. 5a, 5b (=VON KOENEN, 1902, pl. XXII, fig. 1, 2)
 1978 *Crioceratites (Crioceratites) fissicostatus* - IMMEL, p. 62, text-fig. 11b (=NEUMAYR & UHLIG, 1881, pl. LVI, fig. 1)
 1980 *Crioceratites (Crioceratites) fissicostatus* - IMMEL & MUTTERLOSE, p. 250, pl. 5, fig. 1, 5
 1980 *Crioceratites (Crioceratites) fissicostatus* - *aequicostatus* - IMMEL & MUTTERLOSE, p. 255, pl. 5, fig. 3
 1983 *Crioceratites (Paracrioceras) fissicostatum* - RAWSON & MUTTERLOSE, p. 139, fig. 3d, 3e, 3f, 3g

⁹⁹ Preoccupied by *Crioceras Uhligi* SIMIONESCU, 1898, p. 143(87), pl. V, fig. 2a, 2b, 2c which is however a gastropod.

- 1995 *Crioceratites (Hoplocrioceras)* cf. *fissicostatum* - MUTTERLOSE, pl. 8, fig. 2, 3
 1997 *Hoplocrioceras fissicostatum* - MUTTERLOSE et al., fig. 46.3, 46.4

***Hoplocrioceras hamlini* (ANDERSON, 1938)**

- *1938 *Aspinoceras hamlini* - ANDERSON, p. 207, pl. 60, fig. 1, 2
 1960 *Acrioceras hamlini* - IMLAY, p. 199, pl. 26, fig. 8, 9, 10 (=ANDERSON, 1938, pl. 60, fig. 1)

***Hoplocrioceras? kajgorodzevi* (VERESHCHAGIN, 1977)**

- *1977 *Aspinoceras kajgorodzevi* - VERESHCHAGIN, p. 129, 161, 170

***Hoplocrioceras laeviusculum* (VON KOENEN, 1902)**

- *1902 *Ancyloceras laeviusculum* - VON KOENEN, p. 350, pl. XXVIII, fig. 4a, 4b, 5, 6a, 6b
 1964 *Crioceratites (Hoplocrioceras)* n. sp. aff. *laeviusculum* - JELETZKY, pl. XVIII, fig. 1A, 1B

***Hoplocrioceras phillipsi* (PHILLIPS, 1829)**

- *1829 *Hamites Phillipsi* (Bean MS.) - PHILLIPS, p. 124, pl. I, fig. 30
 1924a *Hoplocrioceras phillipsi* - SPATH, p. 78
 1962 *Hoplocrioceras phillipsi* - HOWARTH, p. 130, pl. 18, fig. 3a, 3b (=PHILLIPS, 1829, pl. I, fig. 30)
 1975b *Hoplocrioceras phillipsi* - RAWSON, p. 278, pl. 43, fig. 7, 8, text-fig. 1C, 1D (=PHILLIPS, 1829, pl. I, fig. 30), text-fig. 2
 1978 *Hoplocrioceras phillipsi* - PYRAH, p. 455, 457
 1983 *Hoplocrioceras* cf. *phillipsi* - RAWSON & MUTTERLOSE, p. 139, fig. 3h, 3i
 ?1989 *Hoplocrioceras* sp. - SKWARCO & THIEULOY, p. 30, pl. 3, fig. 9, 10
 1996 *Hoplocrioceras phillipsi* - WRIGHT et al., p. 223, fig. 175: 3a (=HOWARTH, 1962, pl. 18, fig. 3a), 3b, 3c, 3d (=RAWSON, 1975b, text-fig. 2, pl. 43, fig. 7, 8)
 1997 *Hoplocrioceras phillipsi* - MUTTERLOSE et al., fig. 44.8, 44.9, 44.10

***Hoplocrioceras rarocinctum* (VON KOENEN, 1902)**

- *1902 *Crioceras rarocinctum* - VON KOENEN, p. 245, pl. XL, fig. 3
 1974 *Hoplocrioceras rarocinctum* - KAEVER et al., p. 221, pl. 1, fig. 4 (=VON KOENEN, 1902, pl. XL, fig. 3)
 1983 *Crioceratites (Paracrioceras)* cf. *rarocinctum* - RAWSON & MUTTERLOSE, p. 139, text-fig. 2a, 2b
 1997 *Hoplocrioceras rarocinctum* - MUTTERLOSE et al., fig. 42.1, 42.2, 43.1, 43.2
 1997 *Hoplocrioceras* cf. *rarocinctum* - MUTTERLOSE et al., fig. 42.3

***Hoplocrioceras remondi* (GABB, 1864)**

- *1864 *Crioceras* (?) *Ancyloceras* *Rémond*i - GABB, p. 75, pl. XIV, fig. 24, 24a
 1869 *Ancyloceras Rémond*i - GABB, p. 138, pl. XXIII, fig. 17
 ?1884 *Ancyloceras Rémond*i - WHITEAVES, p. 212, pl. 28, fig. 2, 2a
 1938 *Hoplocrioceras remondi* - ANDERSON, p. 201, pl. 62, fig. 1 (=GABB, 1864, pl. XIV, fig. 24), fig. 2, 3, 4, 5, non pl. 63, fig. 1, 2
 1960 *Hoplocrioceras remondi* - IMLAY, p. 196, pl. 24, fig. 1, 2, 3, 4, 8, 9, 11, 12
 1960 *Hoplocrioceras* cf. *H. remondi* - IMLAY, p. 197, pl. 24, fig. 5, 6
 1964 *Crioceratites (Hoplocrioceras)* cf. *remondi* - JELETZKY, pl. 15, fig. 6
 ?1967 *Hoplocrioceras remondi* - DIMITROVA, p. 79, pl. XXXVII, fig. 1
 ?1976 Cf. *Hoplocrioceras remondi* - OBATA et al., p. 133, pl. 1, fig. 6

***Hoplocrioceras wintunium* ANDERSON, 1938**

- *1938 *Hoplocrioceras wintunium* - ANDERSON, p. 202, pl. 60, fig. 3, 4
1975 *Shasticioceras wintunium* - MURPHY, p. 47, pl. 9, fig. 1 (=ANDERSON, 1938, pl. 60, fig. 3), fig. 5

***Hoplocrioceras yollabollium* ANDERSON, 1938**

- *1938 *Hoplocrioceras yollabollium* - ANDERSON, p. 203, pl. 72, fig. 2
1960 *Crioceratites* cf. *yollabollium* - IMLAY, p. 196

**?*Volgoceratoides* MIKHAILOVA & BARABOSHKIN, 2002
(2002, p. 544)**

TYPE SPECIES: *Volgoceratoides schilovkensis* MIKHAILOVA & BARABOSHKIN, 2002, p. 544, pl. 1, fig. 6 (OD).

INCLUDED (SUB)SPECIES:

- biplicatus* - VON KOENEN, 1902, p. 379, pl. XLI, fig. 2a, 2b (LT designated herein)¹⁰⁰ (specimen lost)¹⁰¹
schilovkensis - MIKHAILOVA & BARABOSHKIN, 2002, p. 544, pl. 1, fig. 6 (HT by OD)

***Volgoceratoides biplicatus* (VON KOENEN, 1902)**

- *1902 *Ancyloceras biplicatum* - VON KOENEN, p. 379, pl. XLI, fig. 2a, 2b, ?8a, 8b
2002 *Volgoceratoides biplicatus* - MIKHAILOVA & BARABOSHKIN, p. 544
2002 *Volgoceratoides biplicatus* - BARABOSHKIN & MIKHAILOVA, p. 614

***Volgoceratoides schilovkensis* MIKHAILOVA & BARABOSHKIN, 2002**

- *2002 *Volgoceratoides schilovkensis* - MIKHAILOVA & BARABOSHKIN, p. 544, pl. 1, fig. 4, 5, 6, 9, text-fig. 3A, 3B
2002 *Volgoceratoides schilovkensis* - BARABOSHKIN & MIKHAILOVA, p. 614, pl. VI, fig. 8, 9, 10, 11, text-fig. 6 (=MIKHAILOVA & BARABOSHKIN, p. 544, pl. 1, fig. 4, 5, 6, 9, text-fig. 3A, 3B)

¹⁰⁰ The specimen that VON KOENEN, 1902 described and depicted is here designated as lectotype. The depicted specimen on plate XLI, fig. 8a, 8b has been attributed by VON KOENEN with a questionmark to *Ancyloceras biplicatum*.

¹⁰¹ According to MIKHAILOVA & BARABOSHKIN, 2002, p. 544.

Family ANCYLOCERATIDAE GILL, 1871
(=HELICANCYLIDAE HYATT, 1894)

***Toxancyloceras* DELANOY, 2003**
(2003, p. 2)

TYPE SPECIES: *Ancyloceras Vanden-Heckii* ASTIER, 1851, p. 451, pl. XVI, fig. 11 (OD).

INCLUDED (SUB)SPECIES:

<i>bailense</i> -	VERMEULEN, 1996, p. 65, pl. 3, fig. 1 (HT by OD)
<i>ebboi</i> -	DELANOY, 2003, p. 6, pl. 4, fig. 1, text-fig. 1A (HT by OD)
<i>mojsisovicsi</i> -	HAUG, 1889, p. 209, pl. XIII, fig. 2 (LT designated by DIMITROVA, 1967, p. 82)
<i>vandenheckii</i> -	ASTIER, 1851, p. 451, pl. XVI, fig. 11 (HT by MT)
? <i>vandenheckii velezianum</i> -	KAKABADZE & THIEULOY, 1991, p. 88, pl. 3, fig. 1 (HT by OD)

***Toxancyloceras bailense* (VERMEULEN, 1996)**

*1996 *Ancyloceras bailense* - VERMEULEN, p. 65, pl. 3, fig. 1

***Toxancyloceras ebboi* DELANOY, 2003**

*2003 *Toxancyloceras ebboi* - DELANOY, p. 6, pl. 4, fig. 1, text-fig. 1A

***Toxancyloceras mojsisovicsi* (HAUG, 1889)**

- *1889 *Crioceras Mojsisovicsi* - HAUG, p. 209, pl. XIII, fig. 2
- 1889b *Crioceras Mojsisovicsi* - KILIAN, p. 218
- 1898 *Crioceras* cf. *Mojsisovicsi* - SIMIONESCU, p. 143(87)
- 1900 *Crioceras Mojsisovicsi* - SIMIONESCU, p. 518
- 1900 *Crioceras Mojsisovicsi* - PAQUIER, p. 304
- 1907 *Crioceras Mojsisovicsi* - PERVINQUIÈRE, p. 193
- 1910b *Crioceras Mojsisovicsi* - KILIAN, p. 271
- 1955 *Dissimilites mojsisovicsi* - SARKAR, p. 138
- non1967 *Hamulina mojsisovicsi* - DIMITROVA, p. 82, pl. XLII, fig. 1 (= *Acanthoptychoceras spinatocostatum*)
- 2004 *Ancyloceras mojsisovicsi* - PATRULIUS & AVRAM, p. 336

***Toxancyloceras vandenheckii* (ASTIER, 1851)**

- *1851 *Ancyloceras Vanden-Heckii* - ASTIER, p. 451, pl. XVI, fig. 11
- ?1860 ?*Ancyloceras Van den Heckei* - OOSTER, p. 56, pl. 42, fig. 3
- 1861 *Ancyloceras Vanden-Heckii* - PICTET ET CAMPICHE, p. 51
- 1876 *Ancyloceras Vanden-Heckii* - REYNÈS, p. 105
- 1889 *Ancyloceras Van den Heckei* - HAUG, p. 220
- 1900 *Crioceras Van den Heckei* - PAQUIER, p. 303
- 1900 *Crioceras* aff. *Van den Heckei* - PAQUIER, p. 304
- 1902 *Crioceras van den Heckei* - SARASIN & SCHÖNDELMAYER, p. 101, 126
- 1910b *Crioceras van den Heckei* - KILIAN p. 271
- 1915 *Ancyloceras (Crioceras?) van den Heckei* - KILIAN & REBOUL, p. 67
- 1930 *Ancyloceras van den Hecki* - ROCH, p. 342
- non1945b *Ancyloceras van-den-Heckei* - ROYO Y GOMEZ, p. 465, pl. LXXI, fig. 2

- 1955 *Ancyloceras van den heckii* - SARKAR, p. 136
 1965a *Ancyloceras (Ancyloceras) van den heckii* - THOMEL, p. 54, pl. VIII, fig. 1, 2, 3, 4, 5
 1977 *Ancyloceras (Ancyloceras) sp. aff. vandenheckii* - NODA, p. 420, pl. 44, fig. 1a, 1b, 1c, 1d
 1995 '*Ancyloceras vandenheckii*' - COMPANY et al., fig. 8d
 1995 *Ancyloceras cf. vandenheckii* - AVRAM, p. 125, pl. 15, fig. 12a, 12b
 1995 "*Ancyloceras vandenheckii*" - CECCA et al., p. 200, pl. 3 fig. 1
 non1997 *Ancyloceras cf. vandenheckii vandenheckii* - KAKABADZE & HOEDEMAEKER, p. 66, pl. 1, fig. 3a, 3b, text-fig. 6
 2000 *Ancyloceras (Ancyloceras) aff. vandenheckii* - TOSHIMITSU & HIRANO, p. 586
 2003 *Toxancyloceras vandenheckii* - DELANOY, p. 3, pl. 1, fig. 1, 2, pl. 2, fig. 2, pl. 3, fig. 1, pl. 4, fig. 2, text-fig. 1B
 2003 *Toxancyloceras aff. vandenheckii* - DELANOY, p. 5, pl. 2, fig. 1
 2003 *Ancyloceras ex gr. vandenheckii* - KAKABADZE & KOTETISHVILI, fig. 2: 1
 2004 *Ancyloceras cf. vandenheckii* - PATRULIUS & AVRAM, p. 336
 2005 *Ancyloceras ex gr. vandenheckii* - KAKABADZE in KOTETISHVILI et al., p. 357, pl. 71, fig. 1 (=KAKABADZE & KOTETISHVILI, 2003, fig. 2: 1)
 2006 *Toxancyloceras vandenheckii* - VAŠÍČEK, p. 432, pl. 3, fig. 6, pl. 4, fig. 1

***Toxancyloceras? vandenheckii velezianum* (KAKABADZE & THIEULOY, 1991)**

- 1936a *Paracrioceras* nov. sp. (gr. Pavlowi Vasil. sp.) - BREISTROFFER, p. 156
 *1991 *Ancyloceras vandenheckii velezianum* - KAKABADZE & THIEULOY, p. 88, pl. 3, fig. 1, text-fig. 8a, 8b, 8c
 1997 *Ancyloceras vandenheckii velezianum* - KAKABADZE & HOEDEMAEKER, p. 67, pl. 1, fig. 2a, 2b, pl. 5, fig. 1a, 1b

***Pseudocrioceras* SPATH, 1924**

(1924a, p. 78)

=?*Tonoceras* HYATT, 1900, p. 587. TYPE SPECIES: *Ancyloceras Duvalianus* D'ORBIGNY, 1842, p. 500, pl. 124, fig. 1 (OD).¹⁰²

=*Micrancyloceras* BUSNARDO in GAUTHIER, 2006, p. 152. TYPE SPECIES: *Ancyloceras brevis* D'ORBIGNY, 1842, p. 508, pl. 127, fig. 5, 6, 7 (OD).

TYPE SPECIES: *Scaphites Abichii* BATSEVICH, 1873, p. 29 (SIMONOVICH, BATSEVICH & SOROKIN, 1875, pl. IV, fig. a, b) (OD).

INCLUDED (SUB) SPECIES:

<i>abichii</i> -	BATSEVICH, 1873, p. 29 (HT by MT SIMONOVICH, BATSEVICH & SOROKIN, 1875, pl. IV, fig. a, b)
<i>abichii africanum</i> -	KILIAN, 1902a, p. 465 (nomen nudum)
<i>anthulai</i> -	ERISTAVI, 1955, p. 113 (HT by OD ANTHULA, 1900, p. 125, pl. XII (XI), fig. 2a, 2b, 2c)
<i>breve</i> -	D'ORBIGNY, 1842, p. 508, pl. 127, fig. 5, 6, 7 (HT by MT)
<i>coquandi</i> -	MATHERON, 1880, pl. D-24, fig. 1a, 1b, 1c (HT by MT)
<i>coquandi imericum</i> -	ROUCHADZE, 1933, p. 216 (LT requested)
<i>densecostatum</i> -	KAKABADZE, 1981, p. 105, pl. III, fig. 1 (HT by OD)
<i>dichotomum</i> -	ROUCHADZE, 1933, p. 208 (HT by OD)

¹⁰² VERMEULEN (herein) regards *Pseudocrioceras* as a subjective synonym of *Tonoceras* in which case *Tonoceras* has priority.

<i>?duvalianum</i> -	D'ORBIGNY, 1842, p. 500, pl. 124, fig. 1 (LT designated by ROPOLO, GONNET & CONTE, 1999a, p. 171) ¹⁰³
<i>fasciculare</i> -	D'ORBIGNY, 1840, p. 117, pl. 29, fig. 1, 2 (LT designated by ROPOLO, GONNET & CONTE, 1999a, p. 169)
<i>godoganense</i> -	ROUCHADZE, 1933, p. 209 (LT requested)
<i>guanense</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 52, pl. 6, fig. 2a, 2b (HT by OD)
<i>kornebaense</i> -	KAKABADZE, 1981, p. 108 (HT by OD ANTHULA, 1900, p. 124, pl. XII (XI), fig. 1)
<i>kutatisiense</i> -	ROUCHADZE, 1933, p. 215, pl. VIII, fig. 1, text-fig. 26 (HT by MT)
<i>lobjanidzei</i> -	KAKABADZE, 1981, p. 106, pl. V, fig. 1 (HT by OD)
<i>massei</i> -	ROPOLO & GONNET, 1999, p. 125, pl. 3, fig. 1 (HT by OD)
<i>mickali</i> -	ROPOLO & GONNET, 1999, p. 126, pl. 3, fig. 3 (HT by OD)
<i>orbignyanum</i> -	MATHERON, 1842, p. 265, pl. 41, fig. 1, 2 (LT designated by DELANOY & BULOT, 1990, p. 16)
<i>phasiense</i> -	ROUCHADZE, 1933, p. 211 (LT requested)
<i>provinciale</i> -	MATHERON, 1880, pl. D-25, fig. 1a, 1d (LT designated by ROPOLO, GONNET & CONTE, 1999a, p. 174)
<i>rawsoni</i> -	ROPOLO & GONNET, 1999, p. 127, pl. 4, fig. 1 (HT by OD)
<i>sahoriense</i> -	ROUCHADZE, 1933, p. 214 (LT requested)
<i>simitiense</i> -	KAKABADZE & THIEULOY, 1999, p. 91, pl. 2, fig. 8, 9 (HT by OD)
<i>sparcicostatum</i> -	ERISTAVI, 1955, p. 114 (HT by MT ROCH, 1927, p. 29, pl. V, fig. 1)
<i>waageni</i> -	ANTHULA, 1900, p. 126, pl. XIII (XII), fig. 1 (HT by MT)
<i>waageni rouchadzei</i> -	DIMITROVA, 1967, p. 59, pl. XXVI, fig. 1 (HT by OD)
<i>waageni sapitshkiense</i> -	ROUCHADZE, 1933, p. 213 (LT requested)
<i>waagenioides</i> -	ROUCHADZE, 1938a, p. 146, pl. 5, fig. 2 (HT by MT)

***Pseudocrioceras abichii* (BATSEVICH, 1873)**

*1873	<i>Scaphites Abichii</i> - BATSEVICH, p. 29
1874	<i>Scaphites Abichii</i> - SIMONOVICH, SOROKIN & BATSEVICH, p. 119
1875	<i>Scaphites Abichii</i> - SIMONOVICH, BATSEVICH & SOROKIN, pl. IV, fig. a, b
1900	<i>Crioceras Abichi</i> - ANTHULA, p. 124, pl. XII (XI), fig. 1
1933	<i>Ancyloceras Abichi</i> - ROUCHADZE, p. 210, text-fig. 22
1938a	<i>Ancyloceras Abichi</i> - ROUCHADZE, p. 145, pl. III, fig. 1
1938	<i>Crioceras (Pseudocrioceras) abichi</i> - ROMAN, p. 353, pl. XXXV, fig. 337 (=ANTHULA, 1900, pl. XII (XI), fig. 1)
1955	<i>Ancyloceras abichi</i> - ERISTAVI, p. 111
1975	<i>Ancyloceras</i> aff. <i>abichi</i> - ZEISS, p. 631
1978	<i>Pseudocrioceras abichi</i> - KAKABADZE, p. XXXIV.4, pl. 2, fig. 1
1981	<i>Pseudocrioceras abichi</i> - KAKABADZE, p. 105
1987	<i>Pseudocrioceras</i> gr. <i>abichi</i> - AUTRAN & DELANOY, p. 418, pl. 1 fig. 8

¹⁰³ ROPOLO, GONNET & CONTE, 1999 studied the d'Orbigny collection and found a very poorly preserved specimen (curved shaft with an incomplete broken hook and a fragment of spire) that in their view corresponds with the drawing of D'ORBIGNY, 1842. They designated this specimen (MNHN 5415) as lectotype. They also found an incomplete spire in the d'Orbigny collection with a sculpture that in their view matches the drawing of D'ORBIGNY, 1842 (their plate 3, fig. 1).

- 1996 *Pseudocrioceras abichi* - WRIGHT et al., p. 214
 1999a *Pseudocrioceras abichi* - ROPOLO, GONNET & CONTE, p. 169
 1999 *Pseudocrioceras* aff. *abichi* - ROPOLO & GONNET, p. 129, pl. 5, fig. 1

***Pseudocrioceras abichii africanum* (KILIAN, 1902)**

- *1902a *Acanthoceras* (*Parahoplites*) *Abichi* - KILIAN, p. 465

***Pseudocrioceras anthulai* (ERISTAVI, 1955)**

- 1900 *Crioceras Orbigny* - ANTHULA, p. 125, pl. XII (XI), fig. 2a, 2b, 2c
 *1955 *Ancyloceras anthulai* Rouchadze in coll. - ERISTAVI, p. 113
 1979b *Matheronites anthulai* - THIEULOUY, p. 309
 non1981 *Pseudocrioceras anthulai* - KAKABADZE, p. 105, pl. XVIII, fig. 1
 1989 '*Matheronites*' *anthulai* - RICCARDI & AGUIRRE-URRETA, p. 451
 1991 *Pseudocrioceras anthulai* - KAKABADZE & THIEULOUY, p. 89, pl. 3, fig. 2, 3, 4, text-fig. 9a, 9b, 9c
 1991 *Pseudocrioceras* cf. *anthulai* - KAKABADZE & THIEULOUY, p. 91, pl. 4, fig. 1, 2, 3
 1997 *Pseudocrioceras anthulai* - KAKABADZE & HOEDEMAEKER, p. 68, pl. 2, fig. 2
 1999a *Pseudocrioceras anthulai* - ROPOLO, GONNET & CONTE, p. 169
 2004 *Pseudocrioceras anthulai* - KAKABADZE & HOEDEMAEKER, p. 54, pl. 3, fig. 1, pl. 4, fig. 1
 non2005 *Pseudocrioceras anthulai* - KAKABADZE in KOTETISHVILI et al., p. 358, pl. 83, fig. 1a, 1b (=KAKABADZE, 1981, pl. XVIII, fig. 1)

***Pseudocrioceras breve* (D'ORBIGNY, 1842)**

- *1842 *Ancyloceras brevis* - D'ORBIGNY, p. 508, pl. 127, fig. 5, 6, 7
 1850 *Ancyloceras brevis* - D'ORBIGNY, p. 101, n° 626
 1861 *Ancyloceras brevis* - PICTET & CAMPICHE, p. 43
 1883 *Crioceras breve* - UHLIG, p. 260
 1910b *Crioceras* (*Ancyloceras*) *breve* - KILIAN, p. 272
 1913 *Leptoceras* (*Ancyloceras*) *breve* - KILIAN, p. 351
 1915 *Leptoceras* (*Ancyloceras*) *breve* - KILIAN & REBOUL, p. 66
 1955 *Aspinoceras* (*Ancyloceras* ?) *brevis* - SARKAR, p. 128
 non1965 *Acrioceras* (*Aspinoceras*) sp. aff. *brevis* - THOMEL, p. 48, pl. VII, fig. 11
 1999a *Acrioceras breve* - ROPOLO, GONNET & CONTE, pl. 2, fig. 3
 1999b *Acrioceras breve* - ROPOLO, GONNET & CONTE, pl. 3, fig. 4 (=ROPOLO, GONNET & CONTE, 1999a, pl. 2, fig. 3)
 1999 *Pseudocrioceras breve* - ROPOLO & GONNET, p. 123, pl. 1, fig. 1, 2, 3, 4, pl. 2, fig. 1, 2
 2006 *Micrancyloceras breve* - BUSNARDO in GAUTHIER, p. 151, pl. 24, fig. 2a, 2b (=D'ORBIGNY, 1842, pl. 127, fig. 5, 6, 7)

***Pseudocrioceras coquandi* (MATHERON, 1880)**

- *1880 *Scaphites Coquandi* - MATHERON, pl. D-24, fig. 1a, 1b, 1c
 1961 *Epancyloceras* (?) *coquandi* - CASEY, p. 67, text-fig. 24 (=MATHERON, 1880, pl. D-24, fig. 1a)
 1999a *Pseudocrioceras coquandi* - ROPOLO, GONNET & CONTE, p. 173, pl. 9, fig. 1 (=MATHERON, 1880, pl. D-24, fig. 1a), fig. 2, fig. 10, fig. 1, 2
 1999a *Pseudocrioceras provinciale* - ROPOLO, GONNET & CONTE, pl. 8, fig. 1
 1999b *Pseudocrioceras coquandi* - ROPOLO, GONNET & CONTE, p. 96, pl. 6, fig. 1 (=ROPOLO, GONNET & CONTE, 1999a, fig. 10, fig. 2), fig. 2, pl. 7, fig. 1 (=ROPOLO, GONNET & CONTE, 1999a, pl. 8, fig. 1), fig. 2
 2004 *Pseudocrioceras coquandi* - KAKABADZE, p. 24, fig. 8 (=ROPOLO, GONNET & CONTE, 1999a, fig. 10, fig. 1, 2)

***Pseudocrioceras coquandi imericum* (ROUCHADZE, 1933)**

- *1933 *Ancylloceras Coquandi* var. *imerica* - ROUCHADZE, p. 216, pl. VIII, fig. 2
1955 *Ancylloceras coquandi* v. *imerica* - ERISTAVI, p. 112
1967 *Ancylloceras coquandi imericum* - DIMITROVA, p. 59, pl. XXV, fig. 2, 2a
1999a *Pseudocrioceras coquandi* var. *imerica* - ROPOLLO, GONNET & CONTE, p. 169

***Pseudocrioceras densecostatum* KAKABADZE, 1981**

- *1981 *Pseudocrioceras densecostatum* - KAKABADZE, p. 105, pl. III, fig. 1
1999a *Pseudocrioceras densecostatum* - ROPOLLO, GONNET & CONTE, p. 169
1999 *Pseudocrioceras densecostatum* - ROPOLLO & GONNET, p. 128, pl. 4, fig. 2, 3

***Pseudocrioceras dichotomum* (ROUCHADZE, 1933)**

- *1933 *Ancylloceras dichotomum* - ROUCHADZE, p. 208, pl. V, fig. 1, 2, text-fig. 20
1955 *Ancylloceras dichotomum* - ERISTAVI, p. 111
1970 *Ancylloceras dichotomum* - KOTETISHVILI, p. 74, pl. X, fig. 1
1999a *Pseudocrioceras dichotomum* - ROPOLLO, GONNET & CONTE, p. 169

***Pseudocrioceras? duvalianum* (D'ORBIGNY, 1842)**

- *1842 *Ancylloceras Duvalianus* - D'ORBIGNY, p. 500, pl. 124, fig. 1, 2, 3, 4
?1848 *Ancylloceras nodosus* - CATULLO, p. 337, pl. IX, fig. 1a, 1b, 1c
?1868 *Ancylloceras Duvalianum* - VON EICHWALD, p. 1165
non1888 *Crioceras Duvalianum* - HERBICH, p. 272, pl. XVI, fig. 1, 2, 3 (= ?*Moutoniceras moutonianum*)
1900 *Tonoceras Duvalianum* - HYATT, p. 587
?1919 *Ancylloceras Duvalianum* - RODIGHIERO, p. 118, pl. XII, fig. 7 (=CATULLO, 1848, pl. IX, fig. 1a)
1957 *Tonoceras duvalianum* - ARKELL et al., p. L211
1996 *Ancylloceras (Tonoceras) duvalianum* - WRIGHT et al., p. 216
1999a *Pseudocrioceras duvalianum* - ROPOLLO, GONNET & CONTE, p. 171, pl. 3, fig. 1, 2, pl. 12, fig. 2, pl. 13, fig. 2
1999b *Pseudocrioceras duvalianum* - ROPOLLO, GONNET & CONTE, p. 94, pl. 4 fig. 1, fig. 2 (=ROPOLLO, GONNET & CONTE, 1999a, pl. 3, fig. 2)
2006 *Pseudocrioceras duvalianum* - BUSNARDO in GAUTHIER, p. 149, pl. 25, fig. 2 (=D'ORBIGNY, 1842, pl. 124, fig. 1)

***Pseudocrioceras fasciculare* (D'ORBIGNY, 1840)**

- *1840 *Ammonites fascicularis* - D'ORBIGNY, p. 117, pl. 29, fig. 1, 2
non1848 *Ammonites fascicularis* - CATULLO, p. 318, pl. VI, fig. 4a, 4b
1910b *Ancylloceras fasciculare* - KILIAN, p. 274
?1927 *Ancylloceras fasciculare* - ROCH, p. 29, pl. V, fig. 1 (= ?*Pseudocrioceras sparcicostatum*)
1999a *Pseudocrioceras fasciculare* - ROPOLLO, GONNET & CONTE, p. 169, pl. 1, fig. 1 (=D'ORBIGNY, 1840, pl. 29, fig. 1, 2), fig. 2, pl. 2, fig. 2, pl. 4, fig. 3
1999a *Pseudocrioceras fasciculare* morphotype *bituberculatus* - ROPOLLO, GONNET & CONTE, p. 170, pl. 4, fig. 1, 2
1999b *Pseudocrioceras fasciculare* - ROPOLLO, GONNET & CONTE, p. 92, pl. 1, fig. 1, 2, text-fig. 5.1
1999b *Pseudocrioceras fasciculare* morphe "*bituberculatum*" - ROPOLLO, GONNET & CONTE, p. 93, pl. 2, fig. 1, pl. 3, fig. 1 (=ROPOLLO, GONNET & CONTE, 1999a, pl. 4, fig. 1, 2), text-fig. 5.2, 5.3, 5.4

2006 *Pseudocrioceras fasciculare* - BUSNARDO in GAUTHIER, p. 30, pl. 25, fig. 1, text-fig. 5a, 5b (=D'ORBIGNY, 1840, pl. 29, fig. 1, 2)¹⁰⁴

***Pseudocrioceras godoganense* (ROUCHADZE, 1933)**

- *1933 *Ancyloceras godoganense* - ROUCHADZE, p. 209, pl. IV, fig. 6, text-fig. 21
1955 *Ancyloceras godoganse* - ERISTAVI, p. 111
1999a *Pseudocrioceras gogodanense* - ROPOLO, GONNET & CONTE, p. 169

***Pseudocrioceras guanense* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Pseudocrioceras guanense* - KAKABADZE & HOEDEMAEKER, p. 52, pl. 6, fig. 2a, 2b, pl. 60, fig. 2a, 2b, 2c, text-fig. 4

***Pseudocrioceras kornebaense* KAKABADZE, 1981**

- 1900 *Crioceras Abichi* - ANTHULA, p. 124, pl. XII (XI), fig. 1
*1981 *Pseudocrioceras kornebaense* - KAKABADZE, p. 108, pl. XVII, fig. 1a, 1b
1999a *Pseudocrioceras kornebaense* - ROPOLO, GONNET & CONTE, p. 169

***Pseudocrioceras kutatsiense* (ROUCHADZE, 1933)**

- *1933 *Ancyloceras Kutatsiense* - ROUCHADZE, p. 215, pl. VIII, fig. 1, text-fig. 26
1955 *Ancyloceras kutatsiense* - ERISTAVI, p. 112
1960 *Ancyloceras kutatsiense* - DRUSHCHITS, p. 292, pl. XXXVI, fig. 1
1999a *Pseudocrioceras kutatsiense* - ROPOLO, GONNET & CONTE, p. 169
1999 *Pseudocrioceras kutatsiense* var. *tuberculata* - ROPOLO & GONNET, p. 124, pl. 2, fig. 3

***Pseudocrioceras lobjanidzei* KAKABADZE, 1981**

- *1981 *Pseudocrioceras lobjanidzei* - KAKABADZE, p. 106, pl. V, fig. 1
1999a *Pseudocrioceras lobjanidzei* - ROPOLO, GONNET & CONTE, p. 177, pl. 11, fig. 2
1999b *Pseudocrioceras lobjanidzei* - ROPOLO, GONNET & CONTE, p. 99, pl. 10 fig. 3 (=ROPOLO, GONNET & CONTE, 1999a, pl. 11, fig. 2)

***Pseudocrioceras massei* ROPOLO & GONNET, 1999**

- *1999 *Pseudocrioceras massei* - ROPOLO & GONNET, p. 125, pl. 3, fig. 1, 2

***Pseudocrioceras mickali* ROPOLO & GONNET, 1999**

- *1999 *Pseudocrioceras mickali* - ROPOLO & GONNET, p. 126, pl. 3, fig. 3

***Pseudocrioceras orbignyanum* (MATHERON, 1842)**

- *1842 *Ancyloceras d'Orbignyanus* - MATHERON, p. 265, pl. 41, fig. 1, 2
non1889 *Ancyloceras Orbignyi* - HAUG, p. 215, pl. XI, fig. 5, 5a (=Camereiceras suessi)
non1900 *Crioceras Orbignyi* - ANTHULA, p. 125, pl. XII, fig. 2a, 2b, 2c (=Pseudocrioceras anthulai)
non1960 *Ancyloceras orbignyanus* - DRUSHCHITS, p. 292, pl. XXXIV, fig. 1a, 1b, text-fig. 84
(=?Camereiceras limentinus)

¹⁰⁴ BUSNARDO in GAUTHIER, 2006 found the corresponding hook of this species under the name *Ancyloceras Duvalianus* in the d'Orbigny collection. In his opinion d'Orbigny used this hook for his drawing of *Ancyloceras Duvalianus*.

- non1966 *Hemihoplites orbignyianus* - BRESKOVSKI, p. 81, pl. II, fig. 7 (= *Hemihoplites soulieri*)
 1975 *Ancyloceras orbignyianum* - ZEISS, p. 631
 ?1981 *Pseudocrioceras orbignianum* - KAKABADZE, pl. IV, fig. 2a, 2b, pl. XVIII, fig. 3a, 3b
 1990 *Pseudocrioceras orbignyianum* - DELANOY & BULOT, p. 16, pl. 1, fig. 3 (=MATHERON, 1842, pl. 41, fig. 1)
 non1995 *Ancyloceras* ? cf. *orbignyi* - AVRAM, p. 125, pl. 16 fig. 2, 3 (= *Camereiceras* aff. *limentinus*)
 1998 *Pseudocrioceras orbignyianum* - ROPOLO et al., fig. B
 1999a *Pseudocrioceras orbignyianum* - ROPOLO, GONNET & CONTE, p. 172, pl. 5, fig. 1, fig. 2 (=ROPOLO et al., 1998, fig. B)
 1999b *Pseudocrioceras d'orbignyianum* - ROPOLO, GONNET & CONTE, p. 95, pl. 5, fig. 1 (=ROPOLO et al., 1998, fig. B), fig. 2 (=ROPOLO, GONNET & CONTE, 1999a, pl. 5, fig. 1)

***Pseudocrioceras phasiense* (ROUCHADZE, 1933)**

- *1933 *Ancyloceras phasiense* - ROUCHADZE, p. 211, pl. V, fig. 3, text-fig. 23
 1999a *Pseudocrioceras phasiense* - ROPOLO, GONNET & CONTE, p. 169

***Pseudocrioceras provinciale* (MATHERON, 1880)**

- *1880 *Scaphites provincialis* - MATHERON, pl. D-25, fig. 1a, 1d, fig. 1b, 1c
 1913 *Ancyloceras Provinciale* - KILIAN, p. 311
 1930 *Scaphites provincialis* - ROCH, p. 343
 1999a *Pseudocrioceras provinciale* - ROPOLO, GONNET & CONTE, p. 174, pl. 6, fig. 1, 2 (=MATHERON, 1880, pl. D-25, fig. 1a, 1d), pl. 7, fig. 1, 2, non pl. 8, fig. 1 (= *Pseudocrioceras coquandi*)¹⁰⁵
 1999b *Pseudocrioceras provinciale* - ROPOLO, GONNET & CONTE, p. 97, pl. 8, fig. 1, 2 (=ROPOLO, GONNET & CONTE, 1999a, pl. 7, fig. 1, 2), pl. 10, fig. 2)

***Pseudocrioceras rawsoni* ROPOLO & GONNET, 1999**

- *1999 *Pseudocrioceras rawsoni* - ROPOLO & GONNET, p. 127, pl. 4, fig. 1

***Pseudocrioceras sahoriense* (ROUCHADZE, 1933)**

- *1933 *Ancyloceras sahoriense* - ROUCHADZE, p. 214, pl. VII, fig. 1, text-fig. 25
 1955 *Ancyloceras sahoriensis* - ERISTAVI, p. 112
 1970 *Ancyloceras sahoriensis* - KOTETISHVILI, p. 74
 1999a *Pseudocrioceras sahoriense* - ROPOLO, GONNET & CONTE, p. 169

***Pseudocrioceras simitiense* KAKABADZE & THIEULOUY, 1991**

- 1945b *Ancyloceras van-den-Hecke* - ROYO Y GOMEZ, p. 465, pl. LXXI, fig. 2
 *1991 *Pseudocrioceras simitiense* (Bristroffer in coll.) - KAKABADZE & THIEULOUY, p. 91, pl. 2, fig. 8, 9, text-fig. 10a, 10b
 1999a *Pseudocrioceras simitiense* - ROPOLO, GONNET & CONTE, p. 169

***Pseudocrioceras sparsicostatum* (ERISTAVI, 1955)**

- 1927 *Ancyloceras fasciculare* - ROCH, p. 29, pl. V, fig. 1
 *1955 *Ancyloceras sparsicostatus* - ERISTAVI, p. 114
 1999a *Pseudocrioceras sparsicostatum* - ROPOLO, GONNET & CONTE, p. 169

¹⁰⁵ Error in the text on page 174 and error in the legend of plate 8.

***Pseudocrioceras waageni* (ANTHULA, 1900)**

- *1900 *Crioceras Waageni* - ANTHULA, p. 126, pl. XIII (XII), fig. 1
1913 *Ancyloceras Waageni* - SINZOW, p. 104, pl. V, fig. 1
1914 *Crioceras (Ancyloceras) Waageni* - KAZANSKY, p. 34
1933 *Ancyloceras Waageni* - ROUCHADZE, p. 212
1933 *Ancyloceras aff. Waageni* - ROUCHADZE, p. 213, pl. VI, fig. 1, 2, 3
1952 *Ancyloceras cf. waageni* - LUPPOV, p. 229
1955 *Ancyloceras waageni* - ERISTAVI, p. 112
1955 *Ancyloceras cf. waageni* - ERISTAVI, p. 112
1960 *Ancyloceras waageni* - DRUSHCHITS, p. 292, pl. XXXIV, fig. 3, pl. XXXV, fig. 1a, 16
?1967 *Ancyloceras waageni waageni* - DIMITROVA, p. 58, pl. XXV, fig. 1
?1977 *Ancyloceras waageni waageni* - SZYMAKOWSKA, p. 285, pl. III, fig. 12
1981 *Pseudocrioceras waageni* - KABABADZE, p. 105, pl. XVI, fig. 1
?1984 *Ancyloceras waageni waageni* - SZYMAKOWSKA, p. 103, pl. XXXV, fig. 4
(=SZYMAKOWSKA, 1977, pl. III, fig. 12)
?1989 *Ancyloceras waageni waageni* - MAREK et al., p. 79, pl. XXXVI, fig. 2 (=SZYMAKOWSKA, 1977, pl. III, fig. 12)
1999a *Pseudocrioceras waageni* - ROPOLO, GONNET & CONTE, p. 175, pl. 12, fig. 1
1999b *Pseudocrioceras waageni* - ROPOLO, GONNET & CONTE, p. 97, pl. 9, fig. 1 (=ROPOLO, GONNET & CONTE, 1999a, pl. 12, fig. 1)

***Pseudocrioceras waageni rouchadzei* (DIMITROVA, 1967)**

- ?1958 *Ancyloceras waageni* - LUPPOV & DRUSHCHITS, pl. XLVIII, fig. 5
*1967 *Ancyloceras waageni rouchadzei* - DIMITROVA, p. 59, pl. XXVI, fig. 1
1999a *Pseudocrioceras waageni rouchadzei* - ROPOLO, GONNET & CONTE, p. 169
1999 *Pseudocrioceras waageni morphe rouchadzei* - ROPOLO & GONNET, p. 130, pl. 5, fig. 3

***Pseudocrioceras waageni sapitshkiense* (ROUCHADZE, 1933)**

- *1933 *Ancyloceras Waageni sapitshkiensis* - ROUCHADZE, p. 213, pl. 6VI, fig. 4a, 4b
1955 *Ancyloceras waageni v. sapitshkiensis* - ERISTAVI, p. 112
1981 *Pseudocrioceras waageni sapitshkiense* - KAKABADZE, p. 105, pl. IV, fig. 1
1999a *Pseudocrioceras waageni var. sapitshkiensis* - ROPOLO, GONNET & CONTE, p. 169

***Pseudocrioceras waagenioides* (ROUCHADZE, 1938)**

- *1938a *Ancyloceras Waagenioides* - ROUCHADZE, p. 146, pl. 5, fig. 2
1955 *Ancyloceras waagenioides* - ERISTAVI, p. 112
1981 *Pseudocrioceras waagenioides* - KAKABADZE, p. 105, pl. XXII, fig. 2
1999a *Pseudocrioceras aff. waagenioides* - ROPOLO, GONNET & CONTE, p. 176, pl. 11, fig. 1
1999b *Pseudocrioceras aff. waagenioides* - ROPOLO, GONNET & CONTE, p. 98, pl. 10, fig. 1
(=ROPOLO, GONNET & CONTE, 1999a, pl. 11, fig. 1)
1999 *Pseudocrioceras waagenioides* - ROPOLO & GONNET, pl. 5, fig. 2
2003 *Pseudocrioceras waagenioides* - KAKABADZE & KOTETISHVILI, fig. 2: 2
2005 *Pseudocrioceras waagenioides* - KAKABADZE in KOTETISHVILI et al., p. 357, pl. 85, fig. 1
(=KAKABADZE & KOTETISHVILI, 2003, fig. 2: 2)

=***Simionescites*** AVRAM, 1976b, p. 77. TYPE SPECIES: *Simionescites princeps* AVRAM, 1976b, p. 78, pl. II, fig. 2a, 2b, 2c, pl. III, fig. 2, pl. IV, fig. 1a, 1b, text-fig. 3a, 3b (OD).

TYPE SPECIES: *Kutatissites bifurcatus* KAKABADZE, 1970, p. 735, text-fig. 1a, 1b (OD).

INCLUDED (SUB)SPECIES:

<i>abichanus</i> -	D'ORBIGNY, 1851, p. 222 (nomen oblitum)
<i>avrami</i> -	STOYKOVA, 1992, p. 260, text-fig. 4: 3, text-fig. 6: 2 (HT by OD)
<i>bifurcatus</i> -	KAKABADZE, 1970, p. 735, text-fig. 1a, 1b (HT by OD)
<i>boteroi</i> -	ETAYO-SERNA, 1983, p. 4, fig. 1a, 1b, 1c (HT by OD)
<i>carolinus</i> -	FLANDRIN, 1929, p. 363, pl. I, pl. II, fig. 1 (HT by MT)
<i>chreithiensis</i> -	KAKABADZE, 1981, p. 128, pl. IX, fig. 1 (HT by OD)
<i>creutzbergi</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 56, pl. 18, fig. 1, pl. 19, fig. 1, pl. 20, fig. 1, pl. 21, fig. 1, pl. 22, pl. 1, text-fig. 5 (HT by OD)
<i>curvicostatus</i> -	STOYKOVA, 1992, p. 256, pl. 2, fig. 4, text-fig. 2: 4, text-fig. 4: 2, text-fig. 5a, 5b, 5c (HT by OD)
<i>densecostatus</i> -	KAKABADZE, 1981, p. 127, pl. X, fig. 1a, 1b (HT by OD)
<i>densicostatus compactus</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 58, pl. 23, fig. 1, pl. 24, fig. 1, pl. 25, fig. 1, pl. 26, fig. 1, text-fig. 6 (HT by OD)
<i>edwardsi</i> -	REYNÈS, 1876, p. 108 (DENIZOT, 1934, p. 158, pl. V, fig. 15) (HT by MT)
<i>etayosernei</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 63, pl. 47, fig. 1, pl. 48, fig. 1, pl. 49, fig. 1a, 1b (HT by OD)
<i>?galanensis</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 65, pl. 53, fig. 1, pl. 54, fig. 1, pl. 55, fig. 1 (HT by OD)
<i>grandis</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 64, pl. 50, fig. 1, pl. 51, fig. 1, pl. 52, fig. 1, text-fig. 9 (HT by OD)
<i>helicoceroides</i> -	ERISTAVI, 1955, p. 116, pl. V, fig. 3 (LT designated by KAKABADZE, 1981, p. 195)
<i>helicoides</i> -	ROUCHADZE, 1933, p. 217 (LT requested)
<i>helicoides robustus</i> -	ERISTAVI, 1955, p. 117 (nomen nudum) ¹⁰⁶
<i>kacelovens</i> -	STOYKOVA, 1992, p. 257, text-fig. 6: 1a, 1b (HT by OD)
<i>nionalensis</i> -	KRENKEL, 1910a, p. 227(27) (LT requested) ¹⁰⁷
<i>ostricensis</i> -	STOYKOVA, 1992, p. 259, text-fig. 4: 1a, 1b (HT by OD)
<i>paquieri</i> -	KILIAN & REBOUL, 1915, p. 76, pl. V, fig. 4 (HT by MT)
<i>pouponi</i> -	DELANOY et al., 2000a, p. 27, pl. 1, fig. 1a, 1b (HT by OD)
<i>princeps</i> -	AVRAM, 1976b, p. 78, pl. II, fig. 2a, 2b, 2c, pl. III, fig. 2, pl. IV, fig. 1a, 1b, text-fig. 3a, 3b (HT by OD)
<i>rachathaensis</i> -	KAKABADZE, 1970, p. 142, pl. I, fig. 2a, 2b, pl. IV, fig. 4 (HT by OD)
<i>recticostatus</i> -	ERISTAVI, 1955, p. 117, pl. V, fig. 2 (HT by MT)
<i>rionensis</i> -	ROUCHADZE, 1933, p. 218, pl. IX, fig. 2, text-fig. 27 (HT by MT)

¹⁰⁶ Does not fulfil the requirements of ICZN article 13.3. (no fixation of a type species).

¹⁰⁷ The two new species of KRENKEL, 1910: *Crioceras nionalense* and *Ancyloceras nionalense*, are regarded as one species.

***Kutatissites abichanus* (D'ORBIGNY, 1851)**

- *1851 *Heteroceras Abichanum* - D'ORBIGNY, p. 222

***Kutatissites avrami* STOYKOVA, 1992**

- *1992 *Kutatissites avrami* - STOYKOVA, p. 260, text-fig. 4: 3, text-fig. 6: 2, text-fig. 9a, 9b

***Kutatissites bifurcatus* KAKABADZE, 1970**

- *1970 *Kutatissites bifurcatus* - KAKABADZE, p. 735, text-fig. 1a, 16
 1978 *Kutatissites bifurcatus* - KAKABADZE, p. xxxiv.4
 1981 *Kutatissites bifurcatus* - KAKABADZE, p. 126, pl. XIV, fig. 3a, 36 (=KAKABADZE, 1970, text-fig. 1a, 16)
 1981 *Kutatissites* cf. *bifurcatus* - KAKABADZE, pl. XI, fig. 2a, 26
 1992 *Kutatissites bifurcatus* - STOYKOVA, p. 254, text-fig. 2: 2a, 2b, text-fig. 3a, 3b
 1996 *Kutatissites bifurcatus* - WRIGHT et al., p. 228, fig. 179: 1a, 1b (=KAKABADZE, 1970, text-fig. 1a, 16)
 1997 *Kutatissites* cf. *bifurcatus* - AGUADO et al., p. 316, fig. 6a, 6b

***Kutatissites boteroi* ETAYO-SERNA, 1983**

- *1983 *Kutatissites boteroi* - ETAYO-SERNA, p. 4, fig. 1a, 1b, 1c

***Kutatissites carolinus* (FLANDRIN, 1929)**

- *1929 *Ammonitoceras Carolinum* - FLANDRIN, p. 363, pl. I, pl. II, fig. 1
 1930 *Ammonitoceras Carolinum* - ROMAN, p. 425
 1947 *Ammonitoceras carolinum* - WILCKENS, p. 26
 1961 *Ammonitoceras carolinum* - CASEY, p. 61

***Kutatissites chreithiensis* KAKABADZE, 1981**

- *1981 *Kutatissites chreithiensis* - KAKABADZE, p. 128, pl. IX, fig. 1
 1998 *Kutatissites* aff. *chreithiensis* - DELANOY & EBBO, p. 5, pl. 2
 2005 *Kutatissites chreithiensis* - KAKABADZE in KOTETISHVILI, p. 362, pl. 75, fig. 1 (=KAKABADZE, 1981, pl. IX, fig. 1)

***Kutatissites creutzbergi* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Kutatissites creutzbergi* - KAKABADZE & HOEDEMAEKER, p. 56, pl. 18, fig. 1, pl. 19, fig. 1, pl. 20, fig. 1, pl. 21, fig. 1, pl. 22, pl. 1, pl. 45, fig. 1, text-fig. 5

***Kutatissites curvicostatus* STOYKOVA, 1992**

- *1992 *Kutatissites curvicostatus* - STOYKOVA, p. 256, text-fig. 2: 4, text-fig. 4: 2, text-fig. 5a, 5b, 5c
 ?1992 *Kutatissites* sp. aff. *curvicostatus* - DELANOY, p. 77, pl. 31, fig. 3a, 3b

***Kutatissites densecostatus* KAKABADZE, 1981**

- 1933 *Ancyloceras* sp. ind. A - ROUCHADZE, p. 215, pl. VII, fig. 2

- *1981 *Kutatissites densecostatus* - KAKABADZE, p. 127, pl. X, fig. 1a, 16 (=ROUCHADZE, 1933, pl. VII, fig. 2)
 2004 *Kutatissites densecostatus* - KAKABADZE & HOEDEMAEKER, p. 61
 2005 *Kutatissites densecostatus* - KAKABADZE in KOTETISHVILI et al., p. 363, pl. 81, fig. 2a, 26 (=ROUCHADZE, 1933, pl. VII, fig. 2)

***Kutatissites densecostatus compactus* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Kutatissites densecostatus compactus* - KAKABADZE & HOEDEMAEKER, p. 58, pl. 23, fig. 1, pl. 24, fig. 1, pl. 25, fig. 1, pl. 26, fig. 1, text-fig. 6

***Kutatissites edwardsi* (REYNÈS, 1876)**

- *1876 *Heteroceras Edwardsi* - REYNÈS, p. 108
 1934 *Heteroceras Edwardsi* - DENIZOT, p. 158, pl. V, fig. 15 (=REYNÈS, 1876, p. 108)
 1976 *Heteroceras edwardsi* - THIEULOY, p. 100, fig. 1 (=REYNÈS, 1876, p. 108), 2A, 2B, 2C, 2D
 1990 *Kutatissites edwardsi* - DELANOY & BULOT, p. 17, pl. 2, fig. 1a, 1b (=REYNÈS, 1876, p. 108)
 1998 *Kutatissites* aff. *edwardsi* - DELANOY & EBBO, p. 6, pl. 3, fig. 1
 1997 *Kutatissites edwardsi* - AGUADO et al., p. 314, fig. 6d

***Kutatissites etayosernai* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Kutatissites etayosernai* - KAKABADZE & HOEDEMAEKER, p. 63, pl. 43, fig. 1, pl. 44, fig. 1, pl. 46, fig. 1, pl. 47, fig. 1, pl. 48, fig. 1, pl. 49, fig. 1a, 1b

***Kutatissites? galanensis* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Kutatissites? galanensis* - KAKABADZE & HOEDEMAEKER, p. 65, pl. 53, fig. 1, pl. 54, fig. 1, pl. 55, fig. 1

***Kutatissites grandis* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Kutatissites grandis* - KAKABADZE & HOEDEMAEKER, p. 64, pl. 50, fig. 1, pl. 51, fig. 1, pl. 52, fig. 1, text-fig. 9

***Kutatissites helicoceroides* (ERISTAVI, 1955)**

- *1955 *Ancyloceras helicoceroides* Rouchadze, 1938 in coll. - ERISTAVI, p. 116, pl. V, fig. 3
 1970 *Kutatissites helicoceroides* - KAKABADZE, p. 734
 1978 *Kutatissites helicoceroides* - KAKABADZE, p. xxxiv.4
 1981 *Kutatissites helicoceroides* - KAKABADZE, p. 126, pl. XIV, fig. 1a, 16 (=ERISTAVI, 1955, pl. V, fig. 3), 2
 ?1992 *Kutatissites* sp. gr. *helicoceroides* - DELANOY, p. 77, pl. 31, fig. 2
 2000a *Kutatissites* gr. *helicoceroides* - DELANOY et al., p. 31, pl. 7, fig. 1, table 4
 2004 *Kutatissites helicoceroides* - KAKABADZE & HOEDEMAEKER, p. 66
 2005 *Kutatissites helicoceroides* - KAKABADZE in KOTETISHVILI, p. 363, pl. 76, fig. 2a, 26 (=ERISTAVI, 1955, pl. V, fig. 3)

***Kutatissites helicoides* (ROUCHADZE, 1933)**

- *1933 *Ancyloceras helicoides* - ROUCHADZE, p. 217, pl. VIII, fig. 3
 1970 *Kutatissites helicoides* - KAKABADZE, p. 734
 1978 *Kutatissites helicoides* - KAKABADZE, p. xxxiv.4

***Kutatissites helicoides robustus* (ERISTAVI, 1955)**

- *1955 *Ancyloceras helicoides* v. *robusta* - ERISTAVI, p. 117
1970 *Kutatissites helicoides robusta* - KAKABADZE, p. 734
1978 *Kutatissites helicoides robusta* - KAKABADZE, p. xxxiv.4

***Kutatissites kacelovenssis* STOYKOVA, 1992**

- *1992 *Kutatissites kacelovenssis* - STOYKOVA, p. 257, text-fig. 6: 1a, 1b, text-fig. 7a, 7b

***Kutatissites niongalensis* (KRENKEL, 1910)**

- 1908 *Ancyloceras* sp. - FRAAS, p. 111
1908 *Anisoceras armatum* - FRAAS, p. 111
*1910a *Crioceras niongalensis* - KRENKEL, p. 227(27), pl. XXII(III), fig. 11
1910a *Crioceras* sp. - KRENKEL, p. 228(28)
1910a *Ancyloceras niongalensis* - KRENKEL, p. 228(28), pl. XXII(III), fig. 12, text-fig. on p. 229(29)
1914 *Crioceras* sp. - ZWIERZYCKI, p. 78, pl. X, fig. 5
1983 *Ancyloceras (Kutatissites) niongalensis* forma A - FÖRSTER & WEIER, p. 62, pl. 1, fig. 1a, 1b, 2a, 2b, 3a, 3b, text-fig. 7, 8
1983 *Ancyloceras (Kutatissites) niongalensis* forma B - FÖRSTER & WEIER, p. 64, pl. 2, fig. 1a, 1b, 2a, 2b, text-fig. 9, 10
1992 *Kutatissites* aff. *niongalensis* - DELANOY, p. 76, pl. 31, fig. 1

***Kutatissites ostricensis* STOYKOVA, 1992**

- *1992 *Kutatissites ostricensis* - STOYKOVA, p. 259, text-fig. 4: 1a, 1b, text-fig. 8a, 8b
2004 *Kutatissites ostricensis* - KAKABADZE & HOEDEMAEKER, p. 59

***Kutatissites paquieri* (KILIAN & REBOUL, 1915)**

- *1915 *Ancyloceras Urbani* var. *Paquieri* - KILIAN & REBOUL, p. 76, pl. V, fig. 4
1998 *Kutatissites paquieri* - DELANOY & EBBO, p. 4, pl. 1 (=KILIAN & REBOUL, 1915, pl. V, fig. 4) (new combination)

***Kutatissites pouponi* DELANOY et al., 2000**

- 1987 *Kutatissites* sp. - AUTRAN & DELANOY, p. 418, pl. 1, fig. 9
1992 *Kutatissites* sp. - DELANOY, p. 78, pl. 31, fig. 4
*2000a *Kutatissites pouponi* - DELANOY et al., p. 27, pl. 1, fig. 1a, 1b, pl. 2, fig. 1 (=AUTRAN & DELANOY, 1987, pl. 1, fig. 9)

***Kutatissites princeps* (AVRAM, 1976)**

- *1976b *Simionescites princeps* - AVRAM, p. 78, pl. II, fig. 2a, 2b, 2c, pl. III, fig. 1a, 1b, 1c, 2, pl. IV, fig. 1a, 1b, text-fig. 2a, 2b, 2c, 2d, 3a, 3b, 3c
1977 *Kutatissites princeps* - KAKABADZE, p. 140, pl. III, fig. 2a, 2b, 2c
1978 *Kutatissites princeps* - KAKABADZE, p. xxxiv.4, pl. 1, fig. 2A, 2B (=KAKABADZE, 1977, pl. III, fig. 2a, 2b, 2c)
?1989 *Kutatissites* sp. - CONTE, p. 47, fig. 3 on p. 48
1992 *Kutatissites princeps* - STOYKOVA, p. 255, text-fig. 2: 1a, 1b
1996 *Kutatissites princeps* - WRIGHT et al., p. 228, fig. 179: 1c
2000a *Kutatissites* aff. *princeps* - DELANOY et al., p. 32, pl. 4, fig. 2, pl. 5, fig. 1, table 5
2004 *Kutatissites princeps* - KAKABADZE & HOEDEMAEKER, p. 59

- 2004 *Kutatissites princeps* - PATRULIUS & AVRAM, p. 335
 2005 *Kutatissites princeps* - KAKABADZE, in KOTETISHVILI et al., p. 363, pl. 76, fig. 1a, 1b
 (=KAKABADZE, 1977, pl. III, fig. 2a, 2b, 2c)

***Kutatissites rachathaensis* KAKABADZE, 1977**

- *1977 *Kutatissites rachathaensis* - KAKABADZE, p. 142, pl. I, fig. 2a, 2b, pl. IV, fig. 4
 1981 *Kutatissites rachathaensis* - KAKABADZE, p. 126, pl. XI, fig. 3a, 3b, 3c (=KAKABADZE, 1977, pl. I, fig. 2b, 2a, 2b)

***Kutatissites recticostatus* (ERISTAVI, 1955)**

- 1938 *Ancyloceras helicoides* v. *media* (in coll.) - ROUCHADZE¹⁰⁸
 *1955 *Ancyloceras recticostatus* - ERISTAVI, p. 117, pl. V, fig. 2
 1978 *Kutatissites recticostatus* - KAKABADZE, p. xxxiv.4
 1981 *Kutatissites recticostatus* - KAKABADZE, p. 126

***Kutatissites rionensis* (ROUCHADZE, 1933)**

- *1933 *Ancyloceras rionense* - ROUCHADZE, p. 218, pl. IX, fig. 2, text-fig. 27
 1978 *Kutatissites rionensi* - KAKABADZE, p. xxxiv.4

***Kutatissites simionescui* (AVRAM, 1976)**

- *1976b *Simionescites simionescui* - AVRAM, p. 80, pl. II, fig. 1a, 1b, 1c, pl. V, fig. 1, pl. VI, fig. 1a, 1b, text-fig. 4a, 4b, 4c, 4d
 1992 *Kutatissites simionescui* - STOYKOVA, p. 255, text-fig. 2: 3
 1998 *Kutatissites* aff. *simionescui* - DELANOY & EBBO, p. 7, pl. 4, fig. 1
 1999a *Simionescites* aff. *simionescui* - ROPOLO, GONNET & CONTE, p. 179, pl. 11, fig. 3
 (=DELANOY & EBBO, 1998, pl. 4, fig. 1), pl. 13, fig. 3
 1999b *Simionescites* aff. *simionescui* - ROPOLO, GONNET & CONTE, pl. 6, fig. 3 (=ROPOLO, GONNET & CONTE, 1999a, pl. 13, fig. 3)
 2000a *Kutatissites* aff. *simionescui* - DELANOY et al., p. 34, pl. 7, fig. 2 (=DELANOY & EBBO, 1998, pl. 4, fig. 1), pl. 8, fig. 1 (=ROPOLO et al., 1999, pl. 13, fig. 3), table 6
 2004 *Kutatissites simionescui* - KAKABADZE & HOEDEMAEKER, p. 60, pl. 3, fig. 3, pl. 27, fig. 1, pl. 28, fig. 1, pl. 29, fig. 1, pl. 30, fig. 1, pl. 31, fig. 1, pl. 32, fig. 1, pl. 33, fig. 1, pl. 34, fig. 1, text-fig. 7
 2004 *Kutatissites* aff. *simionescui* - KAKABADZE & HOEDEMAEKER, p. 61, pl. 35, fig. 1, pl. 36, fig. 1, pl. 37, fig. 1, pl. 38, fig. 1, pl. 39, fig. 1, pl. 40, fig. 1, pl. 41, fig. 1, pl. 42, fig. 1, text-fig. 8

***Helicancylus* GABB, 1869¹⁰⁹**
 (1869, p. 140)

TYPE SPECIES: *Ptychoceras aequicostatus* GABB, 1864, p. 74, pl. XIII, fig. 20 (MT).

INCLUDED (SUB)SPECIES:

- | | |
|------------------------|--|
| <i>aequicostatus</i> - | GABB, 1864, p. 74, pl. XIII, fig. 20 (LT designated by ANDERSON, 1938, p. 217) |
| <i>?bonarellii</i> - | LEANZA, 1970, p. 207, fig. VI: 1 (HT by OD) |

¹⁰⁸ According to ERISTAVI, 1955, p. 117.

¹⁰⁹ See for a thorough discussion about the genera *Helicancylus* and *Hamiticeras*: AGUIRRE-URRETA, 1984, WRIGHT et al., 1996 and KAKABADZE & HOEDEMAEKER, 2004.

<i>?furcata</i> -	KAKABADZE, 1981, p. 124, pl. X, fig 2a, 26 (HT by OD)
<i>?gabbi</i> -	ANDERSON, 1938, p. 222 (HT by OD GABB, 1869, pl. XXV, fig. 20, 20a)
<i>?nodosus</i> -	ANDERSON, 1902, p. 92 (nomen dubium)
<i>patagonicus</i> -	STOLLEY, 1912, p. 11, pl. 1, fig. 3, 3a (LT designated by THOMSON, 1974, p. 19)
<i>philadelphius</i> -	ANDERSON, 1938, p. 216, pl. 79, fig. 2, 3 (HT by OD)

***Helicancylus aequicostatus* (GABB, 1864)**

- *1864 *Ptychoceras aequicostatus* - GABB, p. 74, pl. XIII, fig. 20
non1869 *Helicancylus aequicostatus* - GABB, p. 141, pl. XXV, fig. 20, 20a (= *Helicancylus gabbi*), fig. 20b, 20c, 20d, 20e, 20f, 20g
1902 *Hamites (Ptychoceras) aequicostatus* - ANDERSON, p. 90 (pars)
1938 *Hamiticerias aequicostatum* - ANDERSON, p. 216, pl. 37, fig. 2, 2a, 3, pl. 79, fig. 6
1943 *Hamiticerias aequicostatus* - HANNA & HERTLEIN, fig. 61-18 (= ?ANDERSON, 1938, pl. 37, fig. 2, 3)
1957 *Helicancylus aequicostatum* - ARKELL et al., p. L212
1981 *Helicancylus aequicostatus* - KAKABADZE, p. 124
1996 *Helicancylus aequicostatus* - WRIGHT et al., p. 225, fig. 174: 2a, 2b (=ANDERSON, 1938, pl. 37, fig. 2, 3)
2001 *Helicancylus aequicostatus* - AVRAM et al., p. 17, ,pl. I, fig. 12, 13

***Helicancylus? bonarellii* (LEANZA, 1970)**

- 1921 *Leptoceras* gr. *silesiacum* - BONARELLI & NÁGERA, p. 18, fig. 3
1938 *Leptoceras* sp. - PIATNIZKY, p. 79, pl. IV, fig. 20
?1958 *Ancyloceras patagonicum* - HOWARTH, p. 4, pl. I, fig. 4
*1970 *Acrioceras bonarellii* - LEANZA, p. 207, fig. VI: 1
1970 *Paraleptoceras singulare* - LEANZA, p. 209, fig. VIII: 5
?1974 Group of "*Ancyloceras*" *patagonicum* - THOMSON, p. 19, pl. III, fig. c, g, h, text-fig. 4b
1986 *Helicancylus bonarellii* - AGUIRRE-URRETA, p. 292, fig. 13A, 13B, 13C, 13D, 13E, 13F
1988 *Helicancylus bonarellii* - RICCARDI, pl. 10, fig. 10 (=AGUIRRE-URRETA, 1986, fig. 13A)

***Helicancylus? furcata* KAKABADZE, 1981**

- *1981 *Helicancylus furcata* - KAKABADZE, p. 124, pl. X, fig 2a, 26

***Helicancylus? gabbi* ANDERSON, 1938**

- 1869 *Helicancylus aequicostatus* - GABB, p. 141, pl. XXV, fig. 20, 20a
*1938 *Helicancylus gabbi* - ANDERSON, p. 222, pl. 79, fig. 4, 5 (=GABB, 1869, pl. XXV, fig. 20, 20a)
1981 *Helicancylus gabbi* - KAKABADZE, p. 123

***Helicancylus? nodosus* ANDERSON, 1902**

- *1902 *Lindigia ? nodosum* - ANDERSON, p. 92¹¹⁰

¹¹⁰ ANDERSON, 1902, page 92 created the new species *Lindigia ? nodosum* for GABB, 1867, pl. XXV, fig. 20, 20a, 20b, 20c, 20d, 20e, 20f, 20g. In the same publication however he regarded on page 90 GABB, 1867, pl. XXV, fig. 20f, 20g as a synonym of *Hamites (Ptychoceras) aequicostatum*. In 1938 he created on page 222 a new species *Helicancylus gabbi* for GABB, 1867, pl. XXV, fig. 20, 20a and on page 216 he regarded GABB, 1867, pl. XXV, fig. 20b, 20c, 20d, 20e, 20f, ?20g as a synonym of *Hamiticerias pilsbryi*. He does not mention *Lindigia ? nodosum* any more, so in our view this is a nomen dubium.

***Helicancylus patagonicus* (STOLLEY, 1912)**

- *1912 *Ancyloceras patagonicum* - STOLLEY, p. 11, pl. 1, fig. 3, 3a, ?fig. 2, 2a
 1931 *Ancyloceras patagonicum* - WINDHAUSEN, p. 303, fig. 129 (=STOLLEY, 1912, pl. 1, fig. 3, 3a)
 1938 *Ancyloceras patagonicum* - PIATNIZKY, p. 80, pl. VI, fig. 31, 32
 non1958 *Ancyloceras patagonicum* - HOWARTH, p. 4, pl. I, fig. 4 (= ?*Helicancylus bonarellii*)
 non1970 *Helicancylus cf. patagonicus* - LEANZA, p. 205, fig. IV: 1 (= *Toxoceratoides nagerai*)
 non1974 Group of "*Ancyloceras*" *patagonicum* - THOMSON, p. 19, pl. III, fig. c, g, h, text-fig. 4b (= ?*Helicancylus bonarellii*)
 1986 *Helicancylus patagonicus* - AGUIRRE-URRETA, p. 286, fig. 9A, 9B, 9C, fig. 9D (=THOMSON, 1974, text-fig. 4b), fig. 9E, 9F, 9G, 10, 11A, 11B, 11C, 12A, 12B, 12C, 12D, 12E, 12F, 19A, 19B

***Helicancylus philadelphius* (ANDERSON, 1938)**

- ?1906 *Hamites* sp. - JACOB & TOBLER, p. 16, pl. II, fig. 10a, 10b, 11a, 11b
 *1938 *Hamiticerus philadelphium* - ANDERSON, p. 216, pl. 79, fig. 2a, 2b, 2c, 3
 1961 *Helicancylus philadelphicus* - CASEY, p. 93
 1989 *Hamiticerus philadelphium* - FÖLLMI, p. 122, pl. 4, fig. 2, 3
 2004 *Helicancylus cf. philadelphium* - KAKABADZE & HOEDEMAEKER, p. 77, pl. 64, fig. 2a, 2b, 2c

***Hamiticerus* ANDERSON, 1938 (1938, p. 215)**

TYPE SPECIES: *Hamiticerus pilsbryi* ANDERSON, 1938, p. 216, pl. 79, fig. 1 (OD).

INCLUDED (SUB)SPECIES:

- | | |
|-----------------------------|---|
| <i>aliense</i> - | LOBJANIDZE, 1972, p. 50 (nomen nudum) |
| <i>carcitanense</i> - | MATHERON, 1880, pl. D-25, fig. 2 (HT by MT) |
| <i>chipatai</i> - | KAKABADZE & HOEDEMAEKER, 1997, p. 77, pl. 13, fig. 2a, 2b, 2c, 2d, text-fig. 11a, 11b, 11c (HT by OD) |
| <i>crevolai</i> - | VERMEULEN, THIEULOY, LAPEYRE, 1999, p. 80, pl. 1, fig. 1, 2 (HT by OD) |
| <i>longum</i> - | KAKABADZE & HOEDEMAEKER, 2004, p. 79, pl. 3, fig. 2a, 2b (HT by OD) |
| <i>pilsbryi</i> - | ANDERSON, 1938, p. 216, pl. 79, fig. 1 (HT by OD) |
| <i>ventrotuberculatum</i> - | KAKABADZE & HOEDEMAEKER, 2004, p. 79, pl. 16, fig. 2a, 2b (HT by OD) |

***Hamiticerus aliense* LOBJANIDZE, 1972**

- *1972 *Hamiticerus aliensis* - LOBJANIDZE, p. 50 (nomen nudum)
 1981 *Hamiticerus aliensis* - KAKABADZE, p. 153
 2000 *Hamiticerus aliensis* - KOTETISHVILI et al., p. 82

***Hamiticerus carcitanense* (MATHERON, 1880)**

- *1880 *Anisoceras carcitanense* - MATHERON, pl. D-25, fig. 2
 ?1933 *Anisoceras* cfr. *carcitanense* - ROUCHADZE, p. 179, pl. I, fig. 5, 6
 1999 *Hamiticerus carcitanense* - VERMEULEN, THIEULOY, LAPEYRE, p. 81

***Hamiticerias chipatai* KAKABADZE & HOEDEMAEKER, 1997**

- *1997 *Hamiticerias chipatai* - KAKABADZE & HOEDEMAEKER, p. 77, pl. 13, fig. 2a, 2b, 2c, 2d, text-fig. 11a, 11b, 11c

***Hamiticerias crevolai* VERMEULEN, THIEULOY, LAPEYRE, 1999**

- *1999 *Hamiticerias crevolai* - VERMEULEN, THIEULOY, LAPEYRE, p. 80, pl. 1, fig. 1, 2

***Hamiticerias longum* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Hamiticerias longum* - KAKABADZE & HOEDEMAEKER, p. 79, pl. 3, fig. 2a, 2b

***Hamiticerias pilsbryi* ANDERSON, 1938**

- *1938 *Hamiticerias pilsbryi* - ANDERSON, p. 216, pl. 79, fig. 1
1957 *Hamiticerias pilsbryi* - ARKELL et al., p. L212, fig. 240: 3 (=ANDERSON, 1938, pl. 79, fig. 1)
1960 *Hamiticerias pilsbryi* - DRUSHCHITS, p. 295, pl. XI, fig. 7a, 7b, non fig. 6a, 6b
?1976a *Hamiticerias* sp. - AVRAM, p. 24, pl. II, fig. 1
1996 *Helicancylus pilsburyi* - WRIGHT et al., p. 224, fig. 174: 2c (=ANDERSON, 1938, pl. 79, fig. 1)
1997 *Hamiticerias pilsbryi* - KAKABADZE & HOEDEMAEKER, p. 75, pl. 13, fig. 1a, 1b, text-fig. 10a, 10b, 10c, 10d
2001 *Hamiticerias* cf. *pilsbryi* - AVRAM et al., p. 17, pl. I, fig. 11

***Hamiticerias ventrotuberculatum* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Hamiticerias ventrotuberculatum* - KAKABADZE & HOEDEMAEKER, p. 79, pl. 16, fig. 2a, 2b

***Ancyloceras* D'ORBIGNY, 1842
(1842, p. 491)**

=*Hoploancyloceras* NOWAK, 1913, p. 382 (nomen nudum).

TYPE SPECIES: *Ancyloceras Matheronianum* D'ORBIGNY, 1842; SD by HAUG, 1889, p. 212.

INCLUDED (SUB)SPECIES:

<i>ahausense</i> -	SIMIONESCU, 1900, p. 511 (nomen nudum)
<i>asperulum</i> -	VON KOENEN, 1902, p. 372, pl. XXXVIII, fig. 9a, 9b, 9c, 9d (HT by MT)
<i>?astierianum</i> -	D'ORBIGNY, 1850, p. 101, n° 632 (HT by MT COTTREAU, 1937, p. 28, pl. LXXVIII, fig. 18, 19) (nomen dubium)
<i>brancoi</i> -	VON KOENEN, 1904, p. 54, pl. 4, fig. 8 (HT by MT)
<i>?choshiense</i> -	SHIMIZU, 1931, p. 37, pl. III, fig. 22, 23, 24 (HT by OD)
<i>?clareti</i> -	DE ROUVILLE, 1857, pl. II, fig. A & A' (HT by MT)
<i>?cornuelianum</i> -	D'ORBIGNY, 1842, p. 484 (LT designated by BUSNARDO & GAUTHIER in GAUTHIER, 2006, p. 144, pl. 31, fig. 1a, 1b)
<i>costellatum</i> -	VON KOENEN, 1902, p. 353 (LT requested)
<i>covatshevici</i> -	DIMITROVA, 1967, p. 60, pl. XXVII, fig. 1 (HT by OD)
<i>deeckeii</i> -	VON KOENEN, 1904, p. 51 (LT requested)
<i>durrelli</i> -	ANDERSON, 1938, p. 210, pl. 67, fig. 1 (HT by OD)

<i>?elatum</i> -	VON KOENEN, 1902, p. 375 (LT requested)
<i>?elatum tenuicostatum</i> -	VON KOENEN, 1902, p. 376, pl. XL fig. 2a, 2b (HT by MT)
<i>giganteum</i> -	YABE & SHIMIZU in SHIMIZU, 1931, p. 37, pl. IV, fig. 7 (HT by OD)
<i>?humboldtianum</i> -	LEA, 1841, p. 253, pl. VIII, fig. 1 (HT by MT)
<i>lithancyliforme</i> -	IMMEL, 1987, p. 120, pl. 12, fig. 5 (HT by OD)
<i>mantelli</i> -	CASEY, 1960, p. 21, pl. I, fig. 3, pl. II, fig. 1a, 1b (HT by OD)
<i>matheronianum</i> -	D'ORBIGNY, 1842, p. 497 (lectotype designated by BUSNARDO in GAUTHIER, 2006, p. 147, depicted in pl. 29, fig. 1)
<i>matheronianum derognati</i> -	ROCH, 1927, p. 23 (LT requested)
<i>matheronianum moreti</i> -	ROCH, 1927, p. 24, pl. III, fig. 2, text-fig. VI (HT by MT)
<i>?munieri</i> -	REYNÈS, 1876, p. 105 (nomen oblitum)
<i>obovatum</i> -	VON KOENEN, 1902, p. 349 (LT requested)
<i>obtusatum</i> -	VON KOENEN, 1902, p. 369 (LT requested)
<i>perezianum</i> -	D'ORBIGNY, 1850, p. 101, n° 631 ¹¹¹ (nomen dubium)
<i>?planicostata</i> -	VON KOENEN, 1902, pl. XLI, fig. 6 (LT designated by CASEY, 1961, p. 90)
<i>?pseudourbani</i> -	SINZOW, 1905, p. 317 (LT requested) (nomen dubium)
<i>puezanum</i> -	KILIAN, 1910bp. 274 (HT by OD HAUG, 1889, p. 219, pl. XII, fig. 2)
<i>rochi</i> -	SARKAR, 1955, p. 172 (HT by OD ROCH, 1927, pl. IV, fig. 2)
<i>rochi</i> non Sarkar -	DIMITROVA, 1967, p. 57, pl. XXIV, fig. 1 (HT by OD)
<i>spinosum</i> -	TRAUTSCHOLD, 1862, p. 445, pl. XII, fig. 7, 8 (HT by MT)
<i>?subsimplex</i> -	VON GÜMBEL, 1861, p. 565 (nomen oblitum)
<i>?tenuistriatum</i> -	VON GÜMBEL, 1861, p. 565 (nomen oblitum)
<i>toucasi</i> -	KILIAN & REBOUL, 1915, p. 78, pl. VI, fig. 3 (HT by MT)
<i>urbani</i> -	NEUMAYR & UHLIG, 1881, p. 190, pl. L, fig. 1 (LT designated by DIMITROVA, 1967, p. 57)
<i>varians</i> -	D'ORBIGNY, 1842, p. 504 (LT designated by BUSNARDO in GAUTHIER, 2006, p. 150, depicted in plate 30, fig. 1a, 1b)
<i>?zevortii</i> -	SARKAR, 1955, p. 164 (nomen nudum)
<i>?zitteli</i> -	UHLIG, 1883, p. 264, pl. XXVIII, fig. 1a, 1b (HT by MT)

Ancyloceras ahausense SIMIONESCU, 1900

- *1900 *Ancyloceras Ahausense* v. Koen. - SIMIONESCU, p. 511 (nomen nudum)

Ancyloceras asperulum VON KOENEN, 1902

- *1902 *Ancyloceras asperulum* - VON KOENEN, p. 372, pl. XXXVIII, fig. 9a, 9b, 9c, 9d

Ancyloceras? astierianum D'ORBIGNY, 1850

- *1850 *Ancyloceras Astierianus* - D'ORBIGNY, p. 101, n° 632
1852 *Ancyloceras Astierianum* - GIEBEL, p. 317
1861 *Ancyloceras Astierianus* - PICTET & CAMPICHE, p. 47

¹¹¹ Specimen probably lost.

1937 *Ancyloceras Astierianus* - COTTREAU, p. 28, pl. LXXVIII, fig. 18, 19
1955 *Ancyloceras astierianus* - SARKAR, p. 135

***Ancyloceras brancoi* VON KOENEN, 1904**

*1904 *Ancyloceras Brancoi* - VON KOENEN, p. 54, pl. 4, fig. 8

***Ancyloceras? choshiense* SHIMIZU, 1931**

*1931 *Ancyloceras chôshiense* - SHIMIZU, p. 37, pl. III, fig. 22, 23, 24

***Ancyloceras? clareti* DE ROUVILLE, 1857**

*1857 *Ancyloceras Clareti* - DE ROUVILLE, p. 228, pl. II, fig. A & A'

***Ancyloceras? cornuelianum* (D'ORBIGNY, 1842)**

*1842 *Toxoceras Cornuelianus* - D'ORBIGNY, p. 484, pl. 119, fig. 5, 6, 7, 8, 9
1850 *Ancyloceras Cornuelianus* - D'ORBIGNY, p. 114, n° 45
1897 *Crioceras (Ancyloceras) Cornueli* - KARAKASCH, p. 30, pl. IV, fig. 15a, 15b
2006 *Ancyloceras? cornuelianum* - BUSNARDO & GAUTHIER in GAUTHIER, p. 144, pl. 31, fig. 1a, 1b, 2a, 2b, 3a, 3b

***Ancyloceras costellatum* VON KOENEN, 1902**

*1902 *Ancyloceras costellatum* - VON KOENEN, p. 353, pl. XXVI, fig. 1, 2, 3, 4

***Ancyloceras covatshevici* DIMITROVA 1967**

*1967 *Ancyloceras covatshevici* - DIMITROVA, p. 60, pl. XXVII, fig. 1

***Ancyloceras deeckeii* VON KOENEN, 1904**

*1904 *Ancyloceras Deeckeii* - VON KOENEN, p. 51, pl. IV, fig. 3

***Ancyloceras durrelli* ANDERSON, 1938**

*1938 *Ancyloceras durrelli* - ANDERSON, p. 210, pl. 67, fig. 1, 2, pl. 68, fig. 1
1964 *Ancyloceras (Ancyloceras) cf. durrelli* - JELETZKY, p. 16, pl. XVII, fig. 2

***Ancyloceras? elatum* VON KOENEN, 1902**

*1902 *Ancyloceras elatum* - VON KOENEN, p. 375, pl. XXXVIII, fig. 8a, 8b, 8c, XLV, fig. 9, LIII, fig. 6, 7
1914 *Crioceras elatum* - KAZANSKY, p. 43
1933 *Ancyloceras* cfr. *elatum* - ROUCHADZE, p. 222
?1976 *Toxoceratoides (?) elatum* - KEMPER, pl. 33, fig. 1

***Ancyloceras? elatum tenuicostatum* VON KOENEN, 1902**

*1902 *Ancyloceras? elatum* var. *tenuicostata* - VON KOENEN, 1902, p. 376, pl. XL fig. 2a, 2b

***Ancyloceras giganteum* YABE & SHIMIZU, 1931**

*1931 *Ancyloceras giganteum* (MS. nom.) - YABE & SHIMIZU in SHIMIZU, p. 37, pl. IV, fig. 7

***Ancyloceras? humboldtianum* (LEA, 1841)**

- *1841 *Orthocera Humboldtiana* - LEA, p. 253, pl. VIII, fig. 1
1845 *Ancyloceras Humboldtiana* - FORBES, p. 174, text-fig. a, b on page 175
1977 *Ancyloceras?* sp. cf. *A. humboldtianum* - KLINGER & KENNEDY, p. 221, fig. 2

***Ancyloceras lithancyliforme* IMMEL, 1987**

- *1987 *Ancyloceras (Ancyloceras) lithancyliforme* - IMMEL, p. 120, pl. 12, fig. 5

***Ancyloceras mantelli* CASEY, 1960**

- *1960 *Ancyloceras mantelli* - CASEY, p. 21, pl. I, fig. 3, pl. II, fig. 1a, 1b, pl. III, fig. 1, 2
?1965 *Ancyloceras* cf. *urbani* - SZYMAKOWSKA, p. 146, pl. I, fig. 4
1966 *Ancyloceras matheronianum-urbani*-Kreises - KEMPER, p. 256, text-fig. 8
?1967 *Ancyloceras mantelli* - DIMITROVA, p. 58, pl. XX, fig. 6
1973b *Ancyloceras* aff. *urbani* - KEMPER, p. 43, pl. 1, fig. 1 (=KEMPER, 1966, text-fig. 8)
1976 *Ancyloceras* cf. *mantelli* - KEMPER, pl. 32, fig. 2 (=KEMPER, 1966, text-fig. 8)
1982 *Ancyloceras mantelli* - RENZ, p. 20, pl. 2, fig. 24a, 24b, text-fig. 8a, 8b
1995 *Ancyloceras matheronianum* - KEMPER, pl. 1, fig. 1 (=KEMPER, 1966, text-fig. 8)
2002 *Ancyloceras mantelli* - MIKHAILOVA & BARABOSHKIN, p. 543
2004 *Ancyloceras mantelli* - KAKABADZE & HOEDEMAEKER, p. 48, pl. 77, text-fig. 3

***Ancyloceras matheronianum* D'ORBIGNY, 1842**

- *1842 *Ancyloceras Matheronianus* - D'ORBIGNY, p. 497, pl. 122, fig. 1, 2, 3, 4, 5
1848 *Ancyloceras Matheronianus* - VON QUENSTEDT, p. 284, pl. 21, fig. 2a, 2b (=D'ORBIGNY, 1842, pl. 122, fig. 1, 4)
1849 *Ancyloceras Matheronianus* - D'ORBIGNY, fig. 164 (=D'ORBIGNY, 1842, pl. 122, fig. 1, 2)
1850 *Ancyloceras Matheronianus* - D'ORBIGNY, p. 114, n° 41
1852 *Ancyloceras Matheronianum* - BRONN, p. 327, pl. 32, fig. 1a, 1b, 1c, 1d (=D'ORBIGNY, 1842, pl. 122, fig. 1, 3, 2, 5)
1854 *Ancyloceras Matheronianus* - PICTET, p. 704, pl. LV, fig. 9, 9a (=D'ORBIGNY, 1842, pl. 122, fig. 1, 2)
1859 *Ancyloceras Matheronianus* - CHENU, p. 92, fig. 402
non1860 *Ancyloceras Matheronianum* - OOSTER, p. 66, pl. 55, fig. 1, 2, 3, 4, 5
1861 *Ancyloceras Matheronianus* - PICTET & CAMPICHE, p. 50
1862 *Crioceras spinosus* Auerb. - TRAUTSCHOLD, p. 445, pl. XII, fig. 7, 8
non1868 *Ancyloceras Matheronianum* - VON EICHWALD, p. 1165 (=Barrancyloceras hoheneggeri)
1880 *Ancyloceras Matheronianum* - WRIGHT, fig. 166
1885 *Ancyloceras Matheronianus* - VON QUENSTEDT, p. 584, pl. 45, fig. 22 (=D'ORBIGNY, 1842, pl. 122, fig. 1, 4)
1888 *Ancyloceras Matheronianum* - VON GÜMBEL, pl. 438, fig. 11 (=D'ORBIGNY, 1842, pl. 122, fig. 1)
1889 *Ancyloceras Matheroni* - HAUG, p. 216
1890 *Crioceras (Ancyloceras) Matheroni* - PAVLOW, p. 176, pl. VI, fig. 2a, 2b
1898 *Ancyloceras Matheronianum* - CRICK, p. 80, pl. 17, fig. 14, 15, 16
1900 *Ancyloceras Matheronianum* - HYATT, p. 588, fig. 1230A, 1230B (=D'ORBIGNY, 1842, pl. 122, fig. 1, 5)
?1904 *Ancyloceras* cf. *Matheroni?* - VON KOENEN, p. 53, pl. IV, fig. 5
1910b *Ancyloceras Matheronianum* - KILIAN, pl. 10, fig. 7a, 7b, text-fig. (=D'ORBIGNY, 1842, pl. 122, fig. 1, 2, 5)
?1919 *Ancyloceras Matheronianum* - RODIGHIERO, p. 118(82)
1929 *Ancyloceras Matheronianum* - FLANDRIN, p. 360
1930a *Ancyloceras matheronianum* - SPATH, p. 454

- 1938 *Ancyloceras Matheroni* - ROMAN, p. 354, pl. XXXV, fig. 338a, 338b, 338c, text-fig. 338 (=D'ORBIGNY, 1842, pl. 122, fig. 1, 2, 4, 5)
- 1938 *Crioceras Matheroni* - PAINVIN, p. 49, pl. XXVII
- 1942 *Ancyloceras matheronianum* - DACQUÉ, pl. 2, fig. 5 (=D'ORBIGNY, 1842, pl. 122, fig. 1)
- 1949 *Ancyloceras matheronianum* - YENNE, pl. 102, fig. 7 (=D'ORBIGNY, 1842, pl. 122, fig. 5)
- 1951 *Ancyloceras matheronianus* - PETKOVIĆ & MARKOVIĆ, p. 30, pl. IV, fig. 2, 3, 4
- 1952b *Ancyloceras matheroni* - BASSE, p.609, pl. III, fig. 11, 11a (=D'ORBIGNY, 1842, pl. 122, fig. 1, 4)
- 1957 *Ancyloceras matheronianum* - ARKELL et al., p. L211, fig. 240: 1 (=D'ORBIGNY, 1842, pl. 122, fig. 1)
- non1958 *Ancyloceras* cf. *matheroni* - SAZONOVA, p. 131, pl. XII, fig. 1, 1a, 16
- 1960 *Ancyloceras matheronianus* - DRUSHCHITS, p. 291, pl. XXXIV, fig. 2
- 1960 *Ancyloceras matheronianum* - CASEY, p. 22, text-fig. 6 (=D'ORBIGNY, 1842, pl. 122, fig. 1, 2, 3, 4, 5)
- non1966 *Ancyloceras matheronianum-urbani*-Kreises - KEMPER, p. 256, text-fig. 8 (= *Ancyloceras mantelli*)
- 1969 *Ancyloceras matheronianum* - TZANKOV, fig. 240z
- 1971 *Ancyloceras matheroni* - GOUVERNET et al., pl. III, fig. 20
- 1980 *Ancyloceras (Ancyloceras)* cf. *matheronianum* - CASEY, p. 633, pl. CI, fig. 3a
- 1980 *Ancyloceras matheronianum* - FISCHER, p. 224, pl. 105, fig. 6 (=D'ORBIGNY, 1842, pl. 122, fig. 1)
- 1981 *Ancyloceras matheronianum* - MÜLLER, fig. 401 (=D'ORBIGNY, 1842, pl. 122, fig. 1, 4)
- 1988 *Ancyloceras matheronianus* - KHALILOV, p. 355, pl. XII, fig. 1
- 1989 *Ancyloceras matheroni* - CONTE, p. 47, fig. 1 on page 48
- non1995 *Ancyloceras matheronianum* - KEMPER, pl. 1, fig. 1 (=KEMPER, 1966, text-fig. 8) (= *Ancyloceras mantelli*)
- 1995b *Ancyloceras* ? gr. *matheroni* - DELANOY, pl. 5, fig. 3
- 1996 *Ancyloceras matheronianum* - HOEDEMAEKER & BEMMEL, p. 36, fig. K2 (=D'ORBIGNY, 1842, pl. 122, fig. 1)
- 1996 *Ancyloceras (Ancyloceras) matheronianum* - WRIGHT et al., p. 216, fig. 167: 2 (=D'ORBIGNY, 1842, pl. 122, fig. 1)
- ?1997 *Ancyloceras matheronianum*- PEZZONI et al., pl. 6, fig. 2
- 1998 *Ancyloceras* gr. *matheroni* - DELANOY, pl. 6, fig. 7 (=DELANOY, 1995, pl. 5, fig. 3)
- 1998 *Ancyloceras matheroni* - ROPOLO et al., fig. F
- 1998 *Ancyloceras* gr. *matheronianum* - ARNAUD et al., pl. 7, fig. 7
- 2002 *Ancyloceras matheronianum* - MIKHAILOVA & BARABOSHKIN, p. 543, pl. 1, fig. 7
- 2002 *Ancyloceras matheronianum* - BARABOSHKIN & MIKHAILOVA, p. 607, pl. VI, fig. 7 (=MIKHAILOVA & BARABOSHKIN, 2002, pl.1, fig. 7)
- 2004 *Ancyloceras* cf. *matheronianum* - KAKABADZE & HOEDEMAEKER, p. 47, pl. 8, fig. 1, pl. 9, fig. 1, pl. 12, fig. 1, pl. 13, fig. 1a, 1b, pl. 14, fig. 1a, 1b, pl. 15, fig. 1a, 1b, text-fig. 2a, 2b, 2c
- 2006 *Ancyloceras matheronianum* - LUKENEDER & ASPMAIR, pl. 6, fig. 2, 3, 4
- 2006 *Ancyloceras matheronianum* - BUSNARDO in GAUTHIER, p. 147, pl. 28, fig. 1, pl. 29, fig. 1¹¹², text-fig. 68

***Ancyloceras matheronianum derognati* ROCH, 1927**

- *1927 *Ancyloceras Matheronianum* var. *Derognati* - ROCH, p. 23, pl. III, fig. 1, text-fig. I, II, III, IV, V

***Ancyloceras matheronianum moreti* ROCH, 1927**

- *1927 *Ancyloceras Matheronianum* var. *Moreti* - ROCH, p. 24, pl. III, fig. 2, text-fig. VI

¹¹² Lectotype.

***Ancyloceras? munieri* REYNÈS, 1876**

- *1876 *Ancyloceras Munieri* - REYNÈS, p. 105

***Ancyloceras obovatum* VON KOENEN, 1902**

- *1902 *Ancyloceras obovatum* - VON KOENEN, p. 349, pl. XXXIX, fig. 5a, 5b, 5c

***Ancyloceras obtusatum* VON KOENEN, 1902**

- *1902 *Ancyloceras obtusatum* - VON KOENEN, p. 369, pl. XXXV, fig. 9a, 9b, 10a, 10b

***Ancyloceras perezianum* D'ORBIGNY, 1850**

- *1850 *Ancyloceras Perezianus* - D'ORBIGNY, p. 101, n° 631
1852 *Ancyloceras Perezanum* - GIEBEL, p. 323
1861 *Ancyloceras Perezianus* - PICTET & CAMPICHE, p. 51
1910b *Ancyloceras Perezianum* - KILIAN, p. 275
1937 *Ancyloceras Perezianus* - COTTREAU, p. 28
1955 *Ancyloceras perezianum* - SARKAR, p. 136

***Ancyloceras? planicosta* VON KOENEN, 1902**

- *1902 *Ancyloceras? planicosta* - VON KOENEN, pl. XLI, fig. 6, non pl. LIII, fig. 12a, 12b, 12c
(=?*Tonohamites limbatus*)

***Ancyloceras? pseudourbani* SINZOW, 1905**

- 1899 *Crioceras Urbani* - SEMENOV, p. 132, pl. V, fig. 6
1899 *Crioceras* cf. *Bowerbanki* - SEMENOV, p. 133, pl. V, fig. 7a, 7b, 7c
*1905 *Ancyloceras pseudo-Urbani* - SINZOW, p. 317

***Ancyloceras puezanum* (KILIAN, 1910)**

- 1889 *Ancyloceras* sp. indet aff. *Zitteli* - HAUG, p. 219, pl. XII, fig. 2
*1910b *Crioceras Puezanum* - KILIAN, p. 274

***Ancyloceras rochi* SARKAR, 1955**

- 1927 *Ancyloceras binelli* - ROCH, p. 29, pl. IV, fig. 2
*1955 *Ancyloceras rochi* - SARKAR, p. 172
1992 ?*Audouliceras* aff. *rochi* - DELANOY, p. 46, pl. 32, fig. 2
1998 *Ancyloceras* sp. aff. *rochii* - DELANOY, pl. 7, fig. 3

***Ancyloceras rochi* DIMITROVA, 1967**

- *1967 *Ancyloceras rochi* - DIMITROVA, p. 57, pl. XXIV, fig. 1
?1984 *Ancyloceras rochi* - SZYMAKOWSKA, p. 102, pl. XXXV, fig. 1
?1989 *Ancyloceras rochi* - MAREK et al., p. 79, pl. XXXVI, fig. 1 (=SZYMAKOWSKA, 1984, pl. XXXV, fig. 1)
?2002 *Audouliceras renauxianum* - MIKHAILOVA & BARABOSHKIN, p. 543, pl. 2, fig. 3
?2002 *Audouliceras renauxianum* - BARABOSHKIN & MIKHAILOVA, p. 610, pl. VI, fig. 1

***Ancyloceras? subsimplex* VON GÜMBEL, 1861**

- *1861 *Ancyloceras subsimplex* - VON GÜMBEL, p. 565¹¹³

***Ancyloceras? tenuistriatum* VON GÜMBEL, 1861**

- *1861 *Ancyloceras tenuistriatum* - VON GÜMBEL, p. 565¹¹⁴

***Ancyloceras toucasi* KILIAN & REBOUL, 1915**

- *1915 *Ancyloceras Toucasi* - KILIAN & REBOUL, p. 78, pl. VI, fig. 3
1952 *Ancyloceras cf. toucasi* - LUPPOV, p. 229

***Ancyloceras urbani* (NEUMAYR & UHLIG, 1881)**

- 1880 *Crioceras Urbani* - NEUMAYR, p. 637
*1881 *Crioceras Urbani* - NEUMAYR & UHLIG, p. 190, pl. XLIX, fig. 3, pl. L, fig. 1
non1899 *Crioceras Urbani* - SEMENOV, p. 132, pl. V, fig. 6 (= *Ancyloceras pseudourbani*)
non1902 *Ancyloceras Urbani* - VON KOENEN, p. 358, pl. XLII, fig. 1, 3a, 3b, 3c, pl. XLIII, fig. 2, pl. XLIV, fig. 3a, 3b
non1915 *Ancyloceras Urbani* var. *Paquieri* - KILIAN & REBOUL, p. 76, pl. V, fig. 4 (= *Kutatissites paquieri*)
1919 *Ancyloceras* cfr. *Urbani* - RODIGHIERO, p. 118, pl. XIII (VI), fig. 2
1938 *Ancyloceras* cf. *urbani* - KSIĄŻKIEWICZ, pl. II, fig. 1
?1964 *Ancyloceras* cf. *urbani* - KEMPER, p. 34, pl. 1, fig. 1a, 1b
?1965 *Ancyloceras* cf. *urbani* - SZYMAKOWSKA, p. 146, pl. I, fig. 4
1967 *Ancyloceras urbani* - DIMITROVA, p. 57, pl. XXIII, fig. 1, 1a
non1973b *Ancyloceras* aff. *urbani* - KEMPER, p. 43, pl. 1, fig. 1 (= *Ancyloceras* cf. *mantelli*), pl. 2, fig. 1a, 1b
1974 *Ancyloceras urbani* - KAEVER et al., p. 221, pl. 1, fig. 1 (= NEUMAYR & UHLIG, 1881, p. 190, pl. L, fig. 1)
?1977 *Ancyloceras urbani* - SZYMAKOWSKA, p. 285, pl. II, fig. 7
1977 ? *Australiceras urbani* - KLINGER & KENNEDY, p. 291
?1984 *Ancyloceras urbani* - SZYMAKOWSKA, p. 102, pl. XXXIV, fig. 5 (= SZYMAKOWSKA, 1977, pl. II, fig. 7)
?1989 *Ancyloceras urbani* - MAREK et al., p. 79, pl. XXXV, fig. 5 (= SZYMAKOWSKA, 1977, pl. II, fig. 7)
1999a *Ancyloceras urbani* - ROPOLO, GONNET & CONTE, pl. 15, fig. 3
1999b *Ancyloceras urbani* - ROPOLO, GONNET & CONTE, pl. 8, fig. 3 (= ROPOLO, GONNET & CONTE, 1999a, pl. 15, fig. 3)

***Ancyloceras varians* D'ORBIGNY, 1842**

- *1842 *Ancyloceras varians* - D'ORBIGNY, p. 504, pl. 126, fig. 1¹¹⁵, 2, 3, 4
1913 *Ancyloceras varians* - KILIAN, p. 351
1915 *Ancyloceras varians* - KILIAN & REBOUL, p. 68
1924a *Ancyloceras* aff. *varians* - SPATH, p. 79
1930a *Ancyloceras* aff. *varians* - SPATH, p. 454
1960 *Ancyloceras* cf. *varians* - CASEY, p. 23, pl. II, fig. 2a, 2b
?1962b *Ancyloceras* sp. aff. *varians* - COLLIGNON, p. 14, fig. 961
?1971 *Protanisoceras raulianum* - KEMPER, pl. 25, fig. 2

¹¹³ In the view of GÜMBEL, 1861 related to *Dirrymoceras simplex*.

¹¹⁴ In the view of GÜMBEL, 1861 related to *Dirrymoceras simplex*.

¹¹⁵ According to D'ORBIGNY drawing of several specimens.

- ?1976 *Ancyloceras varians* - KEMPER, pl. 25, fig. 2 (=KEMPER, 1971, pl. 25, fig. 2)
 ?1995 *Ancyloceras varians* - KEMPER, pl. 5, fig. 3 (=KEMPER, 1971, pl. 25, fig. 2)
 2006 *Ancyloceras varians* - BUSNARDO in GAUTHIER, p. 150, pl. 30, fig. 1a, 1b

***Ancyloceras? zevortii* SARKAR, 1955**

- *1955 *Ancyloceras zevortii* Reynès in coll. - SARKAR, p. 164

***Ancyloceras? zitteli* (UHLIG, 1883)**

- *1883 *Crioceras Zitteli* - UHLIG, p. 264, pl. XXVIII, fig. 1a, 1b
 non1889 *Ancyloceras* sp. indet aff. *Zitteli* - HAUG, p. 219, pl. XII, fig. 2 (= *Ancyloceras puezanum*)
 1900 *Ancyloceras Zitteli* - SIMIONESCU, p. 514
 ?1939 *Crioceras (Paracrioceras?)* cf. *zitteli* - LUPPOV, p.36, pl. VII, fig. 3, pl. VIII, fig. 2
 1955 *Acrioceras zitteli* - SARKAR, p. 124
 1967 *Ancyloceras* cf. *zitteli* - NAGY, p. 64, pl. VI, fig. 1, 2
 1968 *Ancyloceras* cfr. *zitteli* - NAGY, p. 283, pl. I, fig. 1, 2 (=NAGY, 1967, pl. VI, fig. 1, 2)

***Audouliceras* THOMEL, 1965
 (1965a, p. 55)**

TYPE SPECIES: *Ancyloceras audouli* ASTIER, 1851, p. 452, pl. XX, fig. 12, pl. XXI, fig. 12bis (OD).
 INCLUDED (SUB)SPECIES:

<i>ajax</i> -	ANDERSON, 1938, p. 210, pl. 65, fig. 1, 2 (HT by OD)
<i>audouli</i> -	ASTIER, 1851, p. 452, pl. XX, fig. 12, pl. XXI, fig. 12bis (HT by MT)
<i>badioticum</i> -	UHLIG 1888, p. 99, pl. IV, fig. 1 (HT by MT)
<i>?colchidense</i> -	ROUCHADZE, 1933, p. 227, pl. XII, fig. 3, text-fig. 31 (HT by MT)
<i>cooperi</i> -	KLINGER & KENNEDY, 1977, p. 236, fig. 13A, 13B, 13C (HT by OD)
<i>elephas</i> -	ANDERSON, 1938, p. 209, pl. 64, fig. 1, 2, pl. 66, fig. 1 (HT by OD)
<i>ewaldi</i> -	DAMES, 1880, p. 690 (LT requested)
<i>fallauxi</i> -	UHLIG, 1883, p. 265, pl. XXIX, fig. 1 (HT by MT)
<i>fallauxi tuberculatum</i> -	SARKAR, 1955, p. 59 (LT requested)
<i>georgicum</i> -	KAKABADZE, 1978, p. XXXIV-3, pl. I, fig. 1 (HT by OD)
<i>kaliae</i> -	SARKAR, 1955, p. 60, pl. V, fig. 24 (HT by MT)
<i>mozambiquense</i> -	KRENKEL, 1910b, p. 153, pl. XVII, fig. 2, 3 (HT by MT)
<i>renauxianum</i> -	D'ORBIGNY, 1842, p. 499, pl. 123, fig. 1 ¹¹⁶ (neotype ROCH, 1927, pl. IV, fig. 1 designated herein)

¹¹⁶ According to BUSNARDO in GAUTHIER, 2006 two specimens are mentioned in the catalogue of d'Orbigny collection under the name *Ammonites gigas*, the name D'ORBIGNY attributed in 1850 to his *Ancyloceras Renauxianus*. One specimen is missing and the other is a partly depressed fragment of the shaft and the hook. Busnardo designated another specimen (also a fragment) from the d'Orbigny collection as lectotype of *Audouliceras renauxianum*. Unclear is if this specimen is one of the syntypes of D'ORBIGNY, 1842. According to BUSNARDO the suture of his lectotype is quite different from the drawing of D'ORBIGNY, 1842. In our view the lectotype designation is not justified. We think that it is better to designate a neotype and we propose the well preserved specimen of ROCH, 1927 depicted on his plate IV, fig. 1 from the same location as the probably missing specimen of d'Orbigny. The neotype is located in the collection of the 'Institut Dolomieu' University of Grenoble.

<i>renauxianum caucasicum</i> -	EGOIAN, 1959, p. 31, pl. 1, fig. 1, text-fig. 1, 2, 3 (HT by MT)
<i>renauxianum elegans</i> -	KAKABADZE, 1981, p. 98, pl. VII, fig. 1, pl. VIII, fig. 1 (HT by OD)
<i>renauxianum pshechense</i> -	EGOIAN, 1977, p. 24 (nomen nudum)
<i>thomeli</i> -	MURPHY, 1975, p. 24, pl. 3, fig. 1, 5, pl. 11, fig. 1, 2 (HT by OD)
<i>thomeli</i> non Murphy -	AVRAM, 1976b, p. 76, pl. I, fig. 1 (HT by OD)
<i>tskaltsithelense</i> -	ROUCHADZE, 1933, p. 224, pl. X, fig. 3 (LT designated herein) ¹¹⁷
<i>tzotnei</i> -	ROUCHADZE, 1933, p. 224, pl. IX, fig. 3 (LT designated herein) ¹¹⁸

***Audouliceras ajax* (ANDERSON, 1938)**

- *1938 *Ancyloceras ajax* - ANDERSON, p. 210, pl. 65, fig. 1, 2, 3
 1977 *Ancyloceras (Audouliceras?) sp. cf. ajax* - KLINGER & KENNEDY, p. 226, fig. 5-6A

***Audouliceras audouli* (ASTIER, 1851)**

- *1851 *Ancyloceras Audouli* - ASTIER, p. 452, pl. XX, fig. 12, pl. XXI, fig. 12bis
 1861 *Ancyloceras Audouli* - PICTET ET CAMPICHE, p. 46
 1876 *Ancyloceras Audouli* - REYNÈS, p. 107
 1883 *Crioceras Audouli* - UHLIG, p. 265
 non1888 *Crioceras* n. sp. indet. - UHLIG, p. 97, pl. III, fig. 4 (=Sarkariceras sp.)
 non1889 *Ancyloceras cf. Audouli* - HAUG, p. 217, pl. XI, fig. 2 (=Lithancylus tirolensis)
 1915 *Ancyloceras Audouli* - KILIAN & REBOUL, p. 203
 1927 *Ancyloceras Audouli* - ROCH, p. 28
 1927 *Ancyloceras Audouli* passant à *A. Renauxianum* - ROCH, p. 28
 1955 *Ancyloceras audouli* - SARKAR, p. 135
 non1965 *Audouliceras (Audouliceras) audouli* - THOMEL, p. 56, pl. IX, fig. 2, text-fig. 7C (=Sarkariceras thomeli)
 1977 *Ancyloceras (Audouliceras) adouli* - KLINGER & KENNEDY, p. 223, fig. 3A, 3B, 4A, 4B (=ASTIER, 1851, pl. XX, fig. 12, pl. XXI, fig. 12bis)
 non1980 *Audouliceras audouli* - THOMEL, p. 53, fig. 90 (=THOMEL, 1965a, pl. IX, fig. 2) (=Sarkariceras thomeli)
 1996 *Audouliceras audouli* - WRIGHT et al., p. 216, fig. 167: 1a, 1b (=KLINGER & KENNEDY, 1977, fig. 3A, 3B)

***Audouliceras badioticum* (UHLIG, 1888)**

- *1888 *Crioceras badioticum* - UHLIG, p. 99, pl. IV, fig. 1
 ?1889 *Ancyloceras badioticum* - HAUG, p. 218, pl. XI, fig. 1
 1955 *Ancyloceras badioticum* var. nov? - SARKAR, p. 59, pl. VII, fig. 26

***Audouliceras? colchidense* (ROUCHADZE, 1933)**

- *1933 *Ancyloceras colchidense* - ROUCHADZE, p. 227, pl. XII, fig. 3, text-fig. 31

¹¹⁷ The depicted specimen is designated as lectotype.

¹¹⁸ The most complete and depicted specimen is designated as lectotype.

***Audouliceras cooperi* (KLINGER & KENNEDY, 1977)**

- *1977 *Ancyloceras (Audouliceras) cooperi* - KLINGER & KENNEDY, p. 236, fig. 12 B, 12C, 13A, 13B, 13C, 14A, 14B, 14C

***Audouliceras elephas* (ANDERSON, 1938)**

- *1938 *Ancyloceras elephas* - ANDERSON, p. 209, pl. 64, fig. 1, 2, pl. 66, fig. 1
1967 *Lithancylus elephas* - DIMITROVA, p. 61, pl. XXVIII, fig. 1, pl. XXIX, fig. 1
1975 *Ancyloceras elephas* - MURPHY, p. 23, pl. 9, fig. 2, text-fig. 12
1992 *Audouliceras aff. elephas* - DELANOY, p. 45, pl. 33, fig. 1, pl. 34, fig. 1

***Audouliceras ewaldi* (DAMES, 1880)**

- *1880 *Ancyloceras Ewaldi* - DAMES, p. 690, pl. XXV, pl. XXVI, fig. 1
1895 *Ancyloceras Ewaldi* - MAAS, p. 276
1973b *Audouliceras n. sp.* - KEMPER, p. 47, pl. 1, fig. 3, text-fig. 1c
1973b *Audouliceras ewaldi* - KEMPER, p. 45, pl. 1, fig. 6, pl. 2, fig. 2, 6, 7, text-fig. 1a, 1b
?1976 *Ancyloceras (Audouliceras) ewaldi* - KEMPER, pl. 22, fig. 2a, 2b, 3 (= ?*Australiceras* sp.)
1995 *Audouliceras cf. ewaldi* - KEMPER, pl. 1, fig. 3 (= KEMPER, 1973b, p. 45, pl. 1, fig. 3)
1995 *Audouliceras ewaldi* - KEMPER, pl. 1, fig. 6, pl. 2, fig. 2, 6, 7 (= KEMPER, 1973b, pl. 1, fig. 6, pl. 2, fig. 2, 6, 7)

***Audouliceras fallauxi* (UHLIG, 1883)**

- *1883 *Crioceras Fallauxi* - UHLIG, p. 265, pl. XXIX, fig. 1
1889 *Ancyloceras Fallauxi* - HAUG, p. 215
1889b *Ancyloceras Fallauxi* - KILIAN, p. 233
1902 *Crioceras Fallauxi* - SARASIN & SCHÖNDELMAYER, p. 101
1910b *Ancyloceras Fallauxi* - KILIAN, p. 274
1938 *Ancyloceras Fallauxi* - ROMAN, p. 357
1955 *Crioceras fallauxi* - SARKAR, p. 58
1955 *Crioceras fallauxi* var. *tuberculata* - SARKAR, p. 59, pl. V, fig. 20
1965a *Ancyloceras* (? *Audouliceras*) *fallauxi* - THOMEL, p. 59
1972 *Ancyloceras* (? *Audouliceras*) *fallauxi* - VAŠIČEK, p. 49, pl. VII, fig. 1
1987 *Ancyloceras* (? *Audouliceras*) *fallauxi* - IMMEL, p. 120, pl. 13, fig. 1
?1992 *Audouliceras* sp. gr. *fallauxi* - DELANOY, p. 47, pl. 32, fig. 3
?2000 *?Audouliceras cf. fallauxi* - LANDRA et al., p. 36, pl. 1, fig. 12
2002 *Audouliceras fallauxi* - VAŠIČEK & SKUPIEN, p. 65, pl. I, fig. 1, pl. II, fig. 1

***Audouliceras georgicum* KAKABADZE, 1978**

- *1978 *Audouliceras georgicum* - KAKABADZE, p. XXXIV-3, pl. I, fig. 1

***Audouliceras kaliae* (SARKAR, 1955)**

- *1955 *Crioceras kaliae* - SARKAR, p. 60, pl. V, fig. 24
1965a *Ancyloceras (Audouliceras) kaliae* - THOMEL, p. 57, pl. X, fig. 1, text-fig. 7B

***Audouliceras mozambiquense* (KRENKEL, 1910)**

- 1902a *Ancyloceras* sp. - KILIAN, p. 465
*1910b *Ancyloceras Fallauxi* var. *mozambiquense* - KRENKEL, p. 153, pl. XVII, fig. 2, 3
?1956 *Ancyloceras* (?) *fallauxi* var. *mozambiquense* - HAUGHTON & BOSHOF, p. 14

- non1962 *Tropaeum mozambiquense* - SILVA, p. 21, pl. IX, fig. 1, 2, pl. X, fig. 1, pl. XI, fig. 1, pl. XII, fig. 1, pl. XIII, fig. 1, pl. XIV, fig. 1 (= *Tropaeum (Tropaeum) subsimbirskense*)
- 1967 *Tropaeum mozambiquense* - WACHENDORF, p. 292, pl. 34, fig. 1
- ?1975 *Tropaeum* cf. *hillsi* - FÖRSTER, p. 151, pl. 2, fig. 1a, 1b, text-fig. 28
- 1975 *Australiceras mozambiquense* - FÖRSTER, p. 155, pl. 3, fig. 3, text-fig. 31
- 1977 *Ancyloceras (Adoulliceras) mozambiquense* - KLINGER & KENNEDY, p. 229, fig. 7, 8A, 8B, 9B, 10B, 11B, 12A, 12D
- 1977 *Ancyloceras (Adoulliceras)* gr. ex *mozambiquense-cooperi* Form 1 - KLINGER & KENNEDY, p. 241, fig. 15, 16, 17, 18a, 19, 20A, 20B
- 1977 *Ancyloceras (Adoulliceras)* gr. ex *mozambiquense-cooperi* Form 2 - KLINGER & KENNEDY, p. 242, fig. 21B
- 1977 *Ancyloceras (Adoulliceras)* gr. ex *mozambiquense-cooperi* Form 3 - KLINGER & KENNEDY, p. 242, fig. 11A, 23
- 1977 *Ancyloceras (Adoulliceras)* gr. ex *mozambiquense-cooperi* Form 4 - KLINGER & KENNEDY, p. 248, fig. 21A
- 1977 *Ancyloceras (Adoulliceras)* gr. ex *mozambiquense-cooperi* Form 5 - KLINGER & KENNEDY, p. 250, fig. 22
- 1977 *Ancyloceras (Adoulliceras)* gr. ex *mozambiquense-cooperi* Form 6 - KLINGER & KENNEDY, p. 250, fig. 9A, 24

***Audoulliceras renauxianum* (D'ORBIGNY, 1842)**

- *1842 *Ancyloceras Renauxianus* - D'ORBIGNY, p. 499, pl. 123, fig. 1, 2, 3, 4, 5, 6
- 1850 *Ancyloceras gigas* - D'ORBIGNY, p. 114, n° 42
- 1860 *Ancyloceras gigas* - OOSTER, p. 65, pl. 53, fig. 1, 2, 3
- non1906 *Ancyloceras Renauxianum* - SINZOW, p. 188, pl. V, fig. 1, 2 (= *Emericiceras* sp.)
- ?1919 *Ancyloceras* cfr. *Renauxianum* - RODIGHIERO, p. 119, pl. XIII (VI), fig. 5, 6
- 1927 *Ancyloceras Renauxianum* - ROCH, p. 27, pl. IV, fig. 1
- 1929 *Ancyloceras Renauxianum* - FLANDRIN, p. 360
- non1933 *Ancyloceras* aff. *Renauxi* - ROUCHADZE, p. 225, pl. XI, fig. 1, 2, 3, pl. XII, fig. 2, text-fig. 29, 30 (= *Audoulliceras renauxianum elegans*), pl. XII, fig. 1 (= *Proaustraliceras tskaluboense*)
- ?1945 *Ancyloceras* aff. *renauxianum* - BOSHOF, p. 63, pl. 6, fig. 8
- 1959 *Ancyloceras renauxianus* - EGOIAN, pl. 1, fig. 2 (= D'ORBIGNY, 1842, pl. 123, fig. 1), non fig. 3 (= ROCH, 1927, pl. IV, fig. 1; = *Ancyloceras rochi* DIMITROVA, 1967), fig. 4 (= ROUCHADZE, 1933, pl. XI, fig. 1)
- non2002 *Audoulliceras renauxianum* - MIKHAILOVA & BARABOSHKIN, p. 543, pl. 2, fig. 3 (= ? *Ancyloceras rochi* DIMITROVA)
- non2002 *Audoulliceras renauxianum* - BARABOSHKIN & MIKHAILOVA, p. 610, pl. VI, fig. 1 (= ? *Ancyloceras rochi* DIMITROVA)
- 2006 *Ancyloceras renauxianum* - BUSNARDO in GAUTHIER, p. 148, pl. 26, fig. 1, text-fig. 69

***Audoulliceras renauxianum caucasicum* (EGOIAN, 1959)**

- *1959 *Ancyloceras renauxianus* var. *caucasica* - EGOIAN, p. 31, pl. 1, fig. 1, text-fig. 1, 2, 3

***Audoulliceras renauxianum elegans* KAKABADZE, 1981**

- ?1933 *Ancyloceras* aff. *renauxi* - ROUCHADZE, p. 225, pl. XI, fig. 1, 2, 3, pl. XII, fig. 1, 2, text-fig. 29
- 1955 *Ancyloceras renauxi* - ERISTAVI, p. 114
- *1981 *Audoulliceras renauxianum elegans* - KAKABADZE, p. 98, pl. VII, fig. 1, pl. VIII, fig. 1
- 2005 *Audoulliceras renauxianum elegans* - KAKABADZE in KOTETISHVILI et al., p. 356, pl. 82, fig. 3 (= KAKABADZE, 1981, pl. VII, fig. 1)

***Audouliceras renauxianum pschechense* (EGOIAN, 1977)**

- *1977 *Ancyloceras renauxianum pschechense* - EGOIAN, p. 24

***Audouliceras thomeli* (MURPHY, 1975)**

- *1975 *Ancyloceras thomeli* - MURPHY, p. 24, pl. 3, fig. 1, 5, pl. 11, fig. 1, 2

***Audouliceras thomeli* AVRAM, 1976**

- *1976b *Audouliceras thomeli* - AVRAM, p. 76, pl. I, fig. 1, 2, text-fig. 1
2004 *Audouliceras thomeli* - PATRULIUS & AVRAM, p. 335

***Audouliceras tsaltsithelense* (ROUCHADZE, 1933)**

- *1933 *Ancyloceras tsaltsithelense* - ROUCHADZE, p. 224, pl. X, fig. 3
1981 *Audouliceras tsaltsithelense* - KAKABADZE, p. 97, pl. VII, fig. 2
2005 *Audouliceras tsaltsithelense* - KAKABADZE in KOTETISHVILI et al., p. 355, pl. 82, fig. 2
(=KAKABADZE, 1981, pl. VII, fig. 2)

***Audouliceras tzotnei* (ROUCHADZE, 1933)**

- *1933 *Ancyloceras Tzotnei* - ROUCHADZE, p. 224, pl. IX, fig. 3, pl. X, fig. 1, 2, text-fig. 28
1981 *Audouliceras tzotnei* - KAKABADZE, p. 97, pl. VII, fig. 3a, 36
2005 *Audouliceras tzotnei* - KAKABADZE in KOTETISHVILI et al., p. 355, pl. 82, fig. 1a, 16
(=KAKABADZE, 1981, pl. VII, fig. 3a, 36)

***Sarkariceras* VERMEULEN, 2006
(2006, p. 153)**

TYPE SPECIES: *Ancyloceras (Audouliceras) thomeli* VERMEULEN, 2006, p. 154 (= *Ancyloceras (Audouliceras) audouli* THOMEL, 1965a, pl. IX, fig. 2) (OD).

INCLUDED (SUB)SPECIES:

thomeli - VERMEULEN, 2006, p. 154 (HT by OD *Ancyloceras (Audouliceras) audouli* THOMEL, 1965a, pl. IX, fig. 2)

***Sarkariceras thomeli* VERMEULEN, 2006**

- 1965a *Audouliceras (Audouliceras) audouli* - THOMEL, p. 56, pl. IX, fig. 2, text-fig. 7C
1980 *Audouliceras audouli* - THOMEL, p. 53, fig. 90 (=THOMEL, 1965a, pl. IX, fig. 2)
*2006 *Sarkariceras thomeli* - VERMEULEN, p. 154 (=THOMEL, 1965a, pl. IX, fig. 2)

***Jaubertites* SARKAR, 1955
(1955, p. 98)**

TYPE SPECIES: *Jaubertites dubius* SARKAR, 1955, p. 98, pl. VIII, fig. 3 (OD).

INCLUDED (SUB) SPECIES:

collignoni - SARKAR, 1955, p. 99, pl. VII, fig. 25 (HT by MT)
dubius - SARKAR, 1955, p. 98, pl. VIII, fig. 3 (HT by MT)
dubius tuberculatus - SARKAR, 1955, p. 99, pl. VII, fig. 11 (HT by MT)

***Jaubertites collignoni* SARKAR, 1955**

- *1955 *Jaubertites collignoni* - SARKAR, p. 99, pl. VII, fig. 25
?1955 *Jaubertites* cf. *collignoni* - SARKAR, p. 100, pl. IX, fig. 5
1965a *Ancyloceras* (*Audouliceras*) aff. *collignoni* - THOMEL, p. 58, pl. IX, fig. 1, text-fig. 7A
1970 *Jaubertites collignoni* - KOTETISHVILI, p. 73, pl. VIII, fig. 2
1992 *Audouliceras collignoni* - DELANOY, p. 42, pl. 31, fig. 5a, 5b, 5c
?1992 *Audouliceras* sp. (forme 1) - DELANOY, p. 48, p. 33, fig. 5a, 5b, 5c
1995a *Audouliceras collignoni* - DELANOY, p. 293, pl. 2, fig. 7
1998 *Audouliceras collignoni* - DELANOY, pl. 32, fig. 3 (=DELANOY, 1995a, pl. 2, fig. 7)
1998 *Audouliceras* sp. aff. *collignoni* - DELANOY, pl. 15, fig. 4
2004 *Audouliceras* cf. *collignoni* - PATRULIUS & AVRAM, p. 335

***Jaubertites dubius* SARKAR, 1955**

- *1955 *Jaubertites dubius* (ex Jaubert in coll.) - SARKAR, p. 98, pl. VIII, fig. 3
non1955 *Jaubertites* cf. *dubius* (forme n° 1) - SARKAR, p. 99, pl. IV, fig. 10, pl. VIII, fig. 2
(=*Audouliceras* sp.)
1955 *Jaubertites dubius* var. *tuberculata* - SARKAR, p. 99, pl. VII, fig. 11
1992 *Audouliceras* aff. *dubius* - DELANOY, p. 44, pl. 27, fig. 2

***Jaubertites? porrectus* (TRAUTSCHOLD, 1886)**

- *1886 *Toxoceras porrectum* - TRAUTSCHOLD, p. 143
?1907 *Toxoceras* (?) *porrectum* - KARAKASCH, p. 141, pl. XXVII, fig. 5
1955 *Jaubertites? porrectum* - SARKAR, p. 163

***Koenenicerases* MIKHAILOVA & BARABOSHKIN, 2002
(2002, p. 545)**

TYPE SPECIES: *Ancyloceras tenuiplicatum* VON KOENEN, 1902, p. 377, pl. LIII, fig. 5 (OD).
INCLUDED (SUB)SPECIES:

- rareplicatum* - MIKHAILOVA & BARABOSHKIN, 2002, p. 620, pl. VI, fig. 12 (HT by OD)
tenuiplicatum - VON KOENEN, 1902, pl. LIII, fig. 5, (LT designated by MIKHAILOVA & BARABOSHKIN, 2002, p. 546)

***Koenenicerases rareplicatum* MIKHAILOVA & BARABOSHKIN, 2002**

- 1902 *Ancyloceras* cf. *tenuiplicatum* - VON KOENEN, p. 379, pl. LIII, fig. 4
*2002 *Koenenicerases rareplicatum* - BARABOSHKIN & MIKHAILOVA, p. 620, pl. VI, fig. 12

***Koenenicerases tenuiplicatum* (VON KOENEN, 1902)**

- 1902 *Ancyloceras* ? cf. *brevispina* - VON KOENEN, p. 365, pl. XL, fig. 4
*1902 *Ancyloceras tenuiplicatum* - VON KOENEN, p. 377, pl. XLV, fig. 11, pl. LIII, fig. 5
non1902 *Ancyloceras* cf. *tenuiplicatum* - VON KOENEN, p. 379, pl. LIII, fig. 4 (= *Koenenicerases rareplicatum*)
2002 *Koenenicerases tenuiplicatum* - MIKHAILOVA & BARABOSHKIN, p. 546, pl. 1, fig. 1, 2, 3, 10, text-fig. 3C, 3D, 3E

2002 *Koeneniceras tenuiplicatum* - BARABOSHKIN & MIKHAILOVA, p. 618, pl. VI, fig. 2, 3, 4, 5, text-fig. 6C, 6D, 6E (=MIKHAILOVA & BARABOSHKIN, 2002, pl. 1, fig. 1, 2, 3, 10, text-fig. 3C, 3D, 3E)

***Dirrymoceras* HYATT, 1900**
(1900, p. 586) (nomen dubium)¹¹⁹

TYPE SPECIES: *Ancyloceras simplex* D'ORBIGNY, 1842, p. 503 (BUSNARDO in GAUTHIER, 2006, pl. 24, fig. 3) (OD).

INCLUDED (SUB)SPECIES:

simplex - D'ORBIGNY, 1842, p. 503 (LT designated by BUSNARDO in GAUTHIER, 2006, p. 150, pl. 24, fig. 3)

***Dirrymoceras simplex* (D'ORBIGNY, 1842)**

- *1842 *Ancyloceras simplex* - D'ORBIGNY, p. 503, pl. 125, fig. 5¹²⁰, 6, 7, 8
- non1860 *Ancyloceras simplex* - OOSTER, pl. 54, fig. 2 (= *Paraspticeris percevali*)
- ?1916 *Crioceras* cf. *simplex* - DOUVILLÉ, p. 114, pl. XV, fig. 5
- non1931 *Ancyloceras simplex* - WINDHAUSEN, p. 302, fig. 128
- 1957 *Dirrymoceras simplex* - ARKELL et al., p. L211
- 2006 *Ancyloceras?* *simplex* - BUSNARDO in GAUTHIER, p. 150, pl. 24, fig. 3, ?fig. 4a, 4b

***Lithancylus* CASEY, 1960**
(1960, p. 16) (nomen dubium)¹²¹

TYPE SPECIES: *Hamites grandis* J. DE C. SOWERBY, 1828, p. 187, pl. DXCIII, fig. 1 (OD).

INCLUDED (SUB) SPECIES:

- ?*attrox* - ANDERSON, 1938, p. 109, pl. 69, fig. 1, 2, 3, 3A (HT by OD)
- australis* - DAY, 1967, p. 19, pl. 2, fig. 1, 2 (HT by OD)
- ?*cyclopius* - ANDERSON, 1938, p. 221, pl. 58, fig. 3, pl. 66 fig. 3, 3A (HT by OD)
- fustis* - CASEY, 1961, p. 75, pl. XXI, fig. 4a, 4b, 4c, 4d (HT by OD)
- glebi* - MIKHAILOVA & BARABOSHKIN, 2001, p. 376, pl. 4, fig. 1a, 1b, text-fig. 6a (HT by OD)
- godeti* - THIEULOY, 1990, p. 102, pl. I, fig. 2A, 2B (HT by OD)
- grandis* - J. DE C. SOWERBY, 1828, p. 187, pl. DXCIII, fig. 1 (HT by MT)
- ?*guanacoensis* - LEANZA, 1970, p. 204, fig. III, 1, 2, 3, 4 (HT by OD)
- igori* - MIKHAILOVA & BARABOSHKIN, 2001, p. 377, text-fig. 5c, 5d (HT by OD)
- mirabilis* - ANDERSON, 1938, p. 220, pl. 78, fig. 2, 2A (HT by OD)
- nauplius* - ANDERSON, 1938, p. 221, pl. 66, fig. 2, 2A (HT by OD)
- neleus* - ANDERSON, 1938, p. 221, pl. 59, fig. 2, 2A (HT by OD)

¹¹⁹ This genus is based on one fragment only.

¹²⁰ The drawing is a reconstruction of several specimens from the MATHERON collection.

¹²¹ This genus is based on a fragment that does not permit to precise with certainty the generical characteristics.

- pushevensis* - NIKOLOV & PARASHKEVANOV, 1995, p. 67, pl. VI, fig. 1, pl. VII, fig. 1, pl. VIII, fig. 1, 2 (HT by OD)
- russiensis* - MIKHAILOVA & BARABOSHKIN, 2001, p. 371, pl. 5, fig. 2a, 2b, text-fig. 3b (HT by OD)
- tirolensisformis* - MIKHAILOVA & BARABOSHKIN, 2001, p. 377, text-fig. 3d, 6c (HT by OD)
- tirolensis* - CASEY, 1961, p. 74 (HT by OD HAUG, 1889, p. 217, pl. XI, fig. 2)

***Lithancylus? attrox* (ANDERSON, 1938)**

- *1938 *Ancyloceras attrox* - ANDERSON, p. 109, pl. 69, fig. 1, 2, 3, 3A
- 1976 *Lithancylus* or *Ancyloceras* aff. *atrox* - OBATA & OGAWA, pl. 2, fig. 2
- 2000 *Lithancylus* aff. *atrox* - TOSHIMITSU & HIRANO, p. 586

***Lithancylus australis* DAY, 1967**

- *1967 *Lithancylus australis* - DAY, p. 19, pl. 2, fig. 1, 2, 3, 4, 5, text-fig. 2

***Lithancylus? cyclopius* (ANDERSON, 1938)**

- *1938 *Hemibaculites cyclopius* - ANDERSON, p. 221, pl. 58, fig. 3, pl. 66 fig. 3, 3A

***Lithancylus fustis* CASEY, 1961**

- *1961 *Lithancylus fustis* - CASEY, p. 75, pl. XXI, fig. 4a, 4b, 4c, 4d
- 1980 *Lithancylus fustis* - CASEY, p. 651, text-fig. 252b, 252c

***Lithancylus glebi* MIKHAILOVA & BARABOSHKIN, 2001**

- *2001 *Lithancylus glebi* - MIKHAILOVA & BARABOSHKIN, p. 376, pl. 4, fig. 1a, 1b, text-fig. 6a

***Lithancylus godeti* (THIEULOY, 1990)**

- *1990 *Toxoceratoides* ? sp. inc. "gigantomorphe *godeti*" - THIEULOY, p. 102, pl. I, fig. 2A, 2B

***Lithancylus grandis* (J. DE C. SOWERBY, 1828)**

- *1828 *Hamites grandis* - J. DE C. SOWERBY, p. 187, pl. DXCIII, fig. 1
- 1842 *Ancyloceras Grandis* - D'ORBIGNY, p. 494
- 1850 *Ancyloceras grandis* - D'ORBIGNY, p. 114, n° 48
- 1852 *Ancyloceras grande* - GIEBEL, p. 321
- 1861 *Ancyloceras grandis* - PICTET & CAMPICHE, p. 46
- 1875b *Crioceras grande* - NEUMAYR, p. 937
- 1930a *Hamites* ? (gen.nov. ?) *grandis* - SPATH, p. 462, pl. XIV, fig. 2
- non1942 *Hamites grandis* - TAVANI, p. 29, pl. XII(III), fig. 5 (= *Hamites africanus*)
- 1961 *Lithancylus grandis* - CASEY, p. 70, pl. XIX, fig. 1a, 1b, pl. XX, fig. 1a, 1b, 1c, text-fig. 27a, 28a (=J. DE C. SOWERBY, 1828, pl. DXCIII, fig. 1), 28b
- 1980 *Lithancylus grandis* - CASEY, p. 649, pl. CII, fig. 2a, 2b, 2c, text-fig. 252a
- 2001 *Lithancylus grandis* - MIKHAILOVA & BARABOSHKIN, p. 371, pl. 4, fig. 2, text-fig. 3a, 5a, 5b, 6b

***Lithancylus? guanacoensis* LEANZA, 1970**

- *1970 *Lithancylus guanacoensis* - LEANZA, p. 204, fig. III, 1, 2, 3, 4

1989 *Lithancylus guanacoensis* - AGUIRRE-URRETA & RICCARDI, p. 200, pl. 1, fig. 1, 2, 3
(=LEANZA, 1970, pl. III, fig. 1, 2), fig. 4, 5, 6, 7, 8, pl. 2, fig. 1, 2, 3, text-fig. 2a, 2b, 2c

***Lithancylus igori* MIKHAILOVA & BARABOSHKIN, 2001**

*2001 *Lithancylus igori* - MIKHAILOVA & BARABOSHKIN, p. 377, text-fig. 5c, 5d

***Lithancylus mirabilis* (ANDERSON, 1938)**

1864 *Ancyloceras* (sp. indet.) - GABB, p. 78, pl. XV, fig. 30, 30a

*1938 *Hemibaculites mirabilis* - ANDERSON, p. 220, pl. 78, fig. 2, 2A, 3

***Lithancylus nauplius* (ANDERSON, 1938)**

*1938 *Hemibaculites nauplius* - ANDERSON, p. 221, pl. 66, fig. 2, 2A

***Lithancylus neleus* (ANDERSON, 1938)**

*1938 *Hemibaculites neleus* - ANDERSON, p. 221, pl. 59, fig. 2, 2A, ?3

***Lithancylus pushevensis* NIKOLOV & PARASHKEVANOV, 1995**

*1995 *Lithancylus pushevensis* - NIKOLOV & PARASHKEVANOV, p. 67, pl. VI, fig. 1, pl. VII, fig. 1, pl. VIII, fig. 1, 2

***Lithancylus russiensis* MIKHAILOVA & BARABOSHKIN, 2001**

*2001 *Lithancylus russiensis* - MIKHAILOVA & BARABOSHKIN, p. 371, pl. 5, fig. 1a, 1b, 1c, 2a, 2b, text-fig. 3b, 3c

2002 *Lithancylus russiensis* - BARABOSHKIN & MIKHAILOVA, pl. V, fig. 2 (=MIKHAILOVA & BARABOSHKIN, 2001, pl. 5, fig. 2a)

***Lithancylus tirolensiformis* MIKHAILOVA & BARABOSHKIN, 2001**

*2001 *Lithancylus tirolensiformis* - MIKHAILOVA & BARABOSHKIN, p. 377, text-fig. 3d, 6c

***Lithancylus tirolensis* CASEY, 1961**

1889 *Ancyloceras* cf. *Audouli* - HAUG, p. 217, pl. XI, fig. 2

*1961 *Lithancylus tirolensis* - CASEY, p. 74, text-fig. 29 (=HAUG, 1889, pl. XI, fig. 2)

?1987 *Lithancylus tirolensis* - IMMEL, p. 119, pl. 12, fig. 4

1995 *Lithancylus* cf. *tirolensis* - AVRAM, p. 122, pl. 14, fig. 6

1996 *Lithancylus tirolensis* - WRIGHT et al., p. 216, fig. 167: 3 (=HAUG, 1889, pl. XI, fig. 2)

***Shastoceras* ANDERSON, 1938
(1938, p. 212)**

TYPE SPECIES: *Shastoceras californicum* ANDERSON, 1938, p. 213, pl. 73, fig. 3, pl. 75, fig. 1 (OD).

INCLUDED (SUB)SPECIES:

behemoth -
californicum -

ANDERSON, 1938, p. 214, pl. 76, fig. 1 (HT by OD)

ANDERSON, 1938, p. 213, pl. 74, fig. 1, pl. 78, fig. 1 (HT by OD)

- shastense* - ANDERSON, 1938, p. 213, pl. 73, fig. 3, pl. 75, fig. 1 (HT by OD)
- ventricosum* - ANDERSON, 1938, p. 215, pl. 77, fig. 1 (HT by OD)

***Shastoceras behemoth* ANDERSON, 1938**

- 1869 *Ancyloceras percostatus* - GABB, p. 138, pl. XXIV, fig. 19
- *1938 *Shastoceras behemoth* - ANDERSON, p. 214, pl. 76, fig. 1 (=GABB, 1869, pl. XXIV, fig. 19), pl. 77, fig. 4

***Shastoceras californicum* ANDERSON, 1938**

- *1938 *Shastoceras californicum* - ANDERSON, p. 213, pl. 74, fig. 1, pl. 78, fig. 1
- 1957 *Shastoceras californicum* - ARKELL et al., p. L211
- 1996 *Shastoceras californicum* - WRIGHT et al., p. 216, fig. 167: 4 (=ANDERSON, 1938, pl. 74, fig. 1)

***Shastoceras shastense* ANDERSON, 1938**

- *1938 *Shastoceras shastense* - ANDERSON, p. 213, pl. 73, fig. 3, pl. 75, fig. 1

***Shastoceras ventricosum* ANDERSON, 1938**

- *1938 *Shastoceras ventricosum* - ANDERSON, p. 215, pl. 77, fig. 1

***Epancyloceras* SPATH, 1930
(1930a, p. 454)**

TYPE SPECIES: *Epancyloceras hythense* SPATH, 1930a, p. 454, pl. XV, fig. 3a, 3b (OD).
INCLUDED (SUB)SPECIES:

- fractum* - CASEY, 1961, p. 67, pl. XIX, fig. 3a, 3b, text-fig. 27b (HT by OD)
- hythense* - SPATH, 1930a, p. 455, pl. XV, fig. 3a, 3b (HT by OD)

***Epancyloceras fractum* CASEY, 1961**

- *1961 *Epancyloceras fractum* - CASEY, p. 67, pl. XIX, fig. 2a, 2b, 3a, 3b, text-fig. 18e, 25, 27b
- 1980 *Epancyloceras fractum* - CASEY, p. 649, pl. CIII, fig. 2a, 2b, 2c, text-fig. 251a

***Epancyloceras hythense* SPATH, 1930**

- *1930a *Epancyloceras hythense* - SPATH, p. 455, pl. XV, fig. 3a, 3b
- 1957 *Epancyloceras hythense* - ARKELL et al., p. L212
- 1961 *Epancyloceras hythense* - CASEY, p. 65, pl. XVI, fig. 3, pl. XVII, fig. 1, pl. XVIII, fig. 1a, 1b, text-fig. 18c, 18d, text-fig. 23 (=SPATH, 1930a, pl. XV, fig. 3a, 3b)
- 1996 *Epancyloceras hythense* - WRIGHT et al., p. 221, fig. 169: 3 (=CASEY, 1961, pl. XVII, fig. 1)

***Ammonitoceras* DUMAS, 1876**
(1876, p. 405)

TYPE SPECIES: *Ammonitoceras Ucetiae* DUMAS, 1876, p. 405, pl. V, fig. 1, 1a (MT).

INCLUDED (SUB)SPECIES:

<i>ackermanni</i> -	KRENKEL, 1910b, p. 466, pl. XVII, fig. 10, 11) (HT by MT)
<i>colchicum</i> -	KAKABADZE, 1981, p. 119, pl. XIII, fig. 1 (HT by OD)
<i>galanense</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 67, pl. 57, fig. 1, pl. 59, fig. 1a, 1b, text-fig. 10 (HT by OD)
<i>giganteum</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 68, pl. 58, fig. 1 (HT by OD)
<i>lahuseni</i> -	SINZOW, 1906, p. 192, pl. V, fig. 3a, 3b, 3c (HT by MT)
<i>rex</i> -	CASEY, 1980, p. 643, pl. CVII, CVIII, text-fig. 248 (HT by OD)
<i>?robustum</i> -	VON KOENEN, 1902, p. 337 (LT requested)
<i>sowerbyi</i> -	CASEY, 1961, p. 61, pl. XVI, fig. 1a, b, (HT by OD)
<i>tovilense</i> -	CRICK, 1917a, p. 118, pl. VI, fig. 1, 2, 3 (HT by MT)
<i>transcaspium</i> -	SINZOW, 1908, p. 510, pl. VI, fig. 9, 10, 11, 12 (HT by MT)
<i>ucetiae</i> -	DUMAS, 1876, p. 459, pl. V, fig. 1, 1a (HT by MT)

***Ammonitoceras colchicum* KAKABADZE, 1981**

- *1981 *Ammonitoceras (Ammonitoceras) colchicum* - KAKABADZE, p. 119, pl. XIII, fig. 1
2005 *Ammonitoceras (Ammonitoceras) colchicum* - KAKABADZE in KOTETISHVILI et al., p. 361, pl. 78, fig. 1 (=KAKABADZE, 1981, pl. XIII, fig. 1)

***Ammonitoceras galanense* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Ammonitoceras galanense* - KAKABADZE & HOEDEMAEKER, p. 67, pl. 57, fig. 1, pl. 59, fig. 1a, 1b, text-fig. 10

***Ammonitoceras giganteum* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Ammonitoceras giganteum* - KAKABADZE & HOEDEMAEKER, p. 68, pl. 58, fig. 1

***Ammonitoceras lahuseni* (SINZOW, 1906)**

- *1906 *Crioceras Lahuseni* - SINZOW, p. 192, pl. V, fig. 3a, 3b, 3c
1909 *Crioceras* aff. *Lahuseni* - WASSILIEWSKI, p. 42, pl. II, fig. 1, text-fig. 4
1929 *Ammonitoceras Lahuseni* - FLANDRIN, p. 361
1947 *Ammonitoceras lahuseni* - WILCKENS, p. 26
1961 *Ammonitoceras lahuseni* - CASEY, p. 64, text-fig. 22 (=SINZOW, 1906, pl. V, fig. 3a, 3b)
1996 *Ammonitoceras lahuseni* - WRIGHT et al., p. 221, fig. 172b, 172c (=SINZOW, 1906, pl. V, fig. 3a, 3b)
1996 *Ammonitoceras* aff. *lahuseni* - WRIGHT et al., p. 221, fig. 172d (=WASSILIEWSKI, 1909, text-fig. 4)
2001 *Ammonitoceras* aff. *lahuseni* - AVRAM et al., p. 15, pl. II, fig. 3

***Ammonitoceras rex* CASEY, 1980**

- *1980 *Ammonitoceras rex* - CASEY, p. 643, pl. CVII, CVIII, text-fig. 248

***Ammonitoceras? robustum* (VON KOENEN, 1902)**

- *1902 *Ancyloceras robustum* - VON KOENEN, p. 337, pl. XIII, fig. 6a, 6b, pl. XIV, fig. 1a, 1b, 1c
1904 *Aspidoceras robustum* - VON KOENEN, p. 9, pl. II, fig. 4a, 4b, 4c, 5
1942 *Ancyloceras robustum* - DACQUÉ, pl. XVI, fig. 7, 7a (=VON KOENEN, 1902 pl. XIII, fig. 6a, 6b)
1969 *Ammonitoceras robustum* - HILTERMAN & KEMPER, pl. 2, fig. 3

***Ammonitoceras sowerbyi* CASEY, 1961**

- *1961 *Ammonitoceras sowerbyi* - CASEY, p. 61, pl. XVI, fig. 1a, b, pl. XVII, fig. 2, pl. XVIII, fig. 2a, 2b, 2c, pl. IX, fig. 4a, 4b, 4c, 4d, text-fig. 21
1980 *Ammonitoceras sowerbyi* - CASEY, p. 643, pl. CII, fig. 1a, 1b, pl. CIX, fig. 1a, 1b, text-fig. 247

***Ammonitoceras tovilense* CRICK, 1917**

- *1917a *Ammonitoceras tovilense* - CRICK, p. 118, pl. VI, fig. 1, 2, 3
1925 *Ammonitoceras tovilense* - BURCKHARDT, p. 40
1929 *Ammonitoceras tovilense* - FLANDRIN, p. 362
1930a *Ammonitoceras tovilense* - SPATH, p. 460
1947 *Ammonitoceras tovilense* - WILCKENS, p. 26
1961 *Ammonitoceras tovilense* - CASEY, p. 58, text-fig. 18f, 20 (=CRICK, 1917a, pl. VI, fig. 1)
1967 *Ammonitoceras* cf. *tovilense* - WACHENDORF, p. 282, pl. 36, fig. 1

***Ammonitoceras transcaspium* (SINZOW, 1908)**

- 1902a *Ancyloceras (Crioceras) Ackermanni* - KILIAN, p. 466 (nomen nudum)
*1908 *Crioceras transcaspium* - SINZOW, p. 510, pl. VI, fig. 9, 10, 11, 12
1910b *Ancyloceras Ackermanni* Kil. - KRENKEL, p. 150, pl. XVII, fig. 10, 11
1915 *Ammonitoceras transcaspium* - KILIAN & REBOUL, p. 70
1929 *Ammonitoceras transcaspium* - FLANDRIN, p. 361
1929 *Ammonitoceras Ackermanni* - FLANDRIN, p. 361
1930 *Ammonitoceras Ackermanni* - ROMAN, p. 425
1930 *Ammonitoceras transcaspium* - ROMAN, p. 425
1933 *Ammonitoceras transcaspium* - ROUCHADZE, p. 228, pl. XII, fig. 4, text-fig. 32, 33
1947 *Ammonitoceras transcaspium* - WILCKENS, p. 26
1949 *Ammonitoceras transcaspium* - LUPPOV et al., p. 252, pl. LXXVI, fig. 4a, 4, 4c (=SINZOW, 1908, pl. VI, fig. 9, 10, 11)
1964 *Ammonitoceras transcaspium* - KEMPER, p. 34, pl. 2, fig. 1a, 1b
1968 *Ammonitoceras transcaspium* - KEMPER, pl. 9, fig. 6 (=KEMPER, 1964 pl. 2, fig. 1a)
1971 *Ammonitoceras transcaspium* - KEMPER, pl. 9, fig. 6 (=KEMPER, 1964 pl. 2, fig. 1a)
1975 *Ammonitoceras transcaspium* - FÖRSTER, p. 159, pl. 3, fig. 8a, 8b, text-fig. 32
1976 *Ammonitoceras transcaspium* - KEMPER, pl. 9, fig. 6 (=KEMPER, 1964 pl. 2, fig. 1a)
1981 *Ammonitoceras (Ammonitoceras) transcaspium* - KAKABADZE, p. 119, pl. VII, fig. 5a, 5b
1995 *Ammonitoceras transcaspium* - KEMPER, p. 174, pl. 7, fig. 6 (=KEMPER, 1964 pl. 2, fig. 1a)

***Ammonitoceras ucetiae* DUMAS, 1876**

- *1876 *Ammonitoceras Ucetiae* - DUMAS, p. 459, pl. V, fig. 1, 1a
1915 *Ammonitoceras Ucetiae* - KILIAN & REBOUL, p. 70, pl. VII, fig. 3 (=DUMAS, 1876, pl. V, fig. 1)
1929 *Ammonitoceras Ucetiae* - FLANDRIN, p. 361
1938 *Ammonitoceras Ucetiae* - ROMAN, p. 424, pl. XLIII, fig. 407, 407a (=DUMAS, 1876, pl. V, fig. 1, 1a)

- 1947 *Ammonitoceras ucetiae* - WILCKENS, p. 26
 1957 *Ammonitoceras ucetiae* - ARKELL et al., p. L211
 1961 *Ammonitoceras ucetiae* - CASEY, p. 58, text-fig. 19 (=DUMAS, 1876, pl. V, fig. 1)
 1962c *Ammonitoceras* n. sp. aff. *ucetiae* - WIEDMANN, p. 179
 1968 *Ammonitoceras ucetiae* - TZANKOV & SPASOV, p. 242
 1996 *Ammonitoceras ucetiae* - WRIGHT et al., p. 221, fig. 172a (=DUMAS, 1876, pl. V, fig. 1)

***Australiceras* WHITEHOUSE, 1926**
 (1926, p. 208)

=***Colombiaticeras*** ROYO Y GOMEZ, 1945b, p. 469. TYPE SPECIES: *Colombiaticeras bolivari*
 ROYO Y GOMEZ, 1945b, p. 470, pl. LXXV, fig. 2 (OD).

TYPE SPECIES: *Crioceras jacki* ETHERIDGE, 1880, p. 305, pl. XVII, fig. 55, 56, 57 (OD).

INCLUDED (SUB)SPECIES:

<i>argus</i> -	ANDERSON, 1938, p. 211, pl. 70 fig. 1, 1A, 1B (HT by OD)
<i>bolivari</i> -	ROYO Y GOMEZ, 1945b, p. 470, pl. LXXV, fig. 2 (HT by OD)
<i>?bulgaricum</i> -	DIMITROVA, 1967, p. 62, pl. XXX, fig. 1 (HT by OD)
<i>cardiense</i> -	AGUIRRE-URRETA, 1985, p. 172, pl. II (HT by OD)
<i>carinatoverrucosum</i> -	SINZOW, 1905, p. 316, pl. XXI, fig. 1, 2 (HT by MT)
<i>hallei</i> -	AGUIRRE-URRETA, 1985, p. 174, pl. IV (HT by OD)
<i>irregulare</i> -	TENISON WOODS, 1883, p. 5, pl. 8, fig. 2 (HT by MT)
<i>jackii</i> -	ETHERIDGE, 1880, p. 305, pl. XVII, fig. 55, 56, 57 (LT designated by DAY, 1974, p. 9)
<i>lampros</i> -	ETHERIDGE, 1909, p. 157, pl. XLVIII, fig. 1, 2 (LT designated by WHITEHOUSE, 1926, p. 213)
<i>rabenjanaharyi</i> -	COLLIGNON, 1962b, p. 26, pl. CCXXVI, fig. 969, pl. CCXXVII, fig. 969 (HT by OD)
<i>ramoseptatoides</i> -	ROUCHADZE, 1938b, p. 150, pl. IV, fig. 1 (HT by MT)
<i>ramoseptatoides maximum</i> -	ROUCHADZE, 1938b, p. 153, pl. IV, fig. 2 (HT by MT)
<i>robustum</i> -	WHITEHOUSE, 1926, p. 211 (HT by OD) ETHERIDGE, 1909, pl. XXXII, fig. 1, pl. XXXIII, fig. 1)
<i>?simbirskense</i> -	SINZOW, 1872, p. 33 (LT requested) (nomen dubium) ¹²²
<i>tenuicostatum</i> -	KAKABADZE, 1977, p. 137, pl. II, fig. 1, pl. IV, fig. 3a, 3b, 3b (HT by OD)
<i>transiente</i> -	WHITEHOUSE, 1926, p. 212, pl. XXXIV, fig. 3a, 3b (HT by OD)
<i>wandalinum</i> -	KLINGER & KENNEDY, 1977, p. 297, fig. 53, 54A, 54B (HT by OD)

***Australiceras argus* ANDERSON, 1938**

- *1938 *Australiceras argus* - ANDERSON, p. 211, pl. 70 fig. 1, 1A, 1B, 2
 1947 *Australiceras* sp. indet. aff. *A. argus* - MATSUMOTO, p. 14, fig. 2a, 2b
 1968 *Australiceras* aff. *argus* - C. M. CANTÚ CHAPA, p. 6, pl. I, fig. 1, 4
 1977 *Australiceras argus* - KLINGER & KENNEDY, p. 287
 2000 *Australiceras* sp. indet. aff. *A. argus* - TOSHIMITSU & HIRANO, p. 586

¹²² The most complete, depicted specimen on his plate VI, fig. 1 is the holotype of *Proaustraliceras rossicum* GLAZUNOVA, 1973.

***Australiceras bolivari* (ROYO Y GOMEZ, 1945)**

- *1945b *Colombiaticeras bolivari* - ROYO Y GOMEZ, p. 470, pl. LXXV, fig. 2
1977 *Australiceras bolivari* - KLINGER & KENNEDY, p. 289

***Australiceras? bulgaricum* DIMITROVA, 1967**

- *1967 *Australiceras bulgaricum* - DIMITROVA, p. 62, pl. XXX, fig. 1
1977 *Australiceras? bulgaricum* - KLINGER & KENNEDY, p. 289

***Australiceras cardielense* AGUIRRE-URRETA, 1985**

- 1970 *Tropaeum deeckei* - LEANZA, pl. VII, fig. 4, 5
*1985 *Australiceras (Australiceras) cardielensis* - AGUIRRE-URRETA, p. 172, pl. II, pl. III, text-fig. 6C, 6D

***Australiceras carinatoverrucosum* (SINZOW, 1905)**

- *1905 *Crioceras carinato-verrucosum* - SINZOW, p. 316, pl. XXI, fig. 1, 2
1977 ? *Crioceras carinato-verrucosum* - KLINGER & KENNEDY, p. 289
1977 *Australiceras (Australiceras) carinatoverrucosum* - KAKABADZE, p. 133

***Australiceras hallei* AGUIRRE-URRETA, 1985**

- *1985 *Australiceras (Australiceras) hallei* - AGUIRRE-URRETA, p. 174, pl. IV, pl. V, text-fig. 7A, 7B

***Australiceras irregulare* (TENISON WOODS, 1883)**

- *1883 *Crioceras irregulare* - TENISON WOODS, p. 5, pl. 8, fig.
1892 *Crioceras irregulare* - ETHERIDGE, p. 501, pl. 33, fig. 1 (=TENISON WOODS, 1883, pl. 8, fig. 2), pl. 42, fig. 16
1909 *Crioceras jackii* - ETHERIDGE, pl. XXXV, fig. 1, pl. XXXVI, fig. 1, pl. XXXVII, fig. 2
1926 *Australiceras irregulare* - WHITEHOUSE, p. 210, pl. XXXVII, fig. 1a, 1b
1926 *Australiceras aff. irregulare* - WHITEHOUSE, p. 210
1926 *Australiceras gracile* - WHITEHOUSE, p. 211, pl. XXXIV, fig. 4
1964 *Australiceras cf. A. irregulare* - DAY, p. 18, table 3
1968 *Australiceras aff. gracile* - HILL, PLAYFORD & WOODS, p. k.16, pl. K VII, fig. 2
1974 *Australiceras irregulare* - DAY, p. 10, pl. 2, fig. 3, pl. 6, fig. 1, 2a, 2b, 2c, text-fig. 3A, 3C
1977 *Australiceras irregulare* - KLINGER & KENNEDY, p. 289
1977 *Australiceras sp. aff. A. irregulare* - KLINGER & KENNEDY, p. 296, fig. 65C, 65D, 68F, 80A

***Australiceras jackii* (ETHERIDGE, 1880)**

- *1880 *Crioceras Jackii* - ETHERIDGE, p. 305, pl. XVII, fig. 55, 56, 57, 58
1885 *Crioceras Jockii* - NEUMAYR, p. 119
1892 *Crioceras australe* - ETHERIDGE, pl. 30, fig. 7, pl. 32, fig. 1, 2 (=ETHERIDGE, 1880, pl. XVII, fig. 55, 57), ?5, non pl. 31, fig. 1, pl. 32, fig. 3, 4, pl. 33, fig. 2 (=Tropaeum (Tropaeum) australe)
1909 *Crioceras jackii* - ETHERIDGE, p. 145, pl. XXXVII, fig. 1, pl. XXXVIII, fig. 3, ?pl. XXXII, 3
non1909 *Crioceras jackii* - ETHERIDGE, pl. XXXI, fig. 1, 2, pl. XXXII, fig. 2, pl. XXXIV, fig. 1, pl. XXXVIII, fig. 4, 5 (=Tropaeum (Tropaeum) undatum)

- non1909 *Crioceras jackii* - ETHERIDGE, pl. XXXII, fig. 1, pl. XXXIII, fig. 1 (= *Australiceras robustum*)
- non1909 *Crioceras jackii* - ETHERIDGE, pl. XXXV, fig. 1, pl. XXXVI, fig. 1, pl. XXXVII, fig. 2 (= *Australiceras irregulare*)
- 1926 *Australiceras jacki* - WHITEHOUSE, p. 209, pl. XXXIV, fig. 2
- 1926 *Australiceras transiente* - WHITEHOUSE, p. 212, pl. XXXIV, fig. 3a, 3b
- 1952b *Tropaeum (Australiceras) jacki* - BASSE, p. 609
- 1957 *Australiceras jacki* - ARKELL et al., p. L211, fig. 240: 6 (=WHITEHOUSE, 1926, pl. XXXIV, fig. 2)
- 1966 *Australiceras* sp. nov. aff. *A. jacki* - SKWARKO, p. 123, pl. 14, fig. 13
- 1968 *Australiceras jacki* - HILL, PLAYFORD & WOODS, p. k.16, pl. K VII, fig. 1 (=WHITEHOUSE, 1926, pl. XXXIV, fig. 2)
- 1969 *Australiceras* sp. - DAY, p. 146, table 8: 3
- 1974 *Australiceras jacki* - DAY, p. 9, pl. 3, fig. 1a, 1b, pl. 5, fig. 3a, 3b
- 1977 *Australiceras jacki* - KLINGER & KENNEDY, p. 290, fig. 47A, 47B, 47C, fig. 48
- 1977 *Australiceras (Australiceras) jacki* - KAKABADZE, p. 133
- 1996 *Australiceras jacki* - WRIGHT et al., p. 216, fig. 169: 1a (=WHITEHOUSE, 1926, pl. XXXIV, fig. 2)

***Australiceras lampros* (ETHERIDGE, 1909)**

- *1909 *Crioceras lampros* - ETHERIDGE, p. 157, pl. XLVIII, fig. 1, 2
- 1926 *Australiceras lampros* - WHITEHOUSE, p. 212
- 1926 *Tropaeum lampros* - WHITEHOUSE, pl. XXXV, fig. 1a, 1b
- 1928 *Australiceras lampros* - HOWCHIN & WHITEHOUSE, p. 490
- 1960 *Tropaeum lampros* - CASEY, p. 29
- 1974 *Australiceras* cf. *lampros* - DAY, p. 12, pl. 7, fig. 3
- 1977 *Tropaeum? lamprum* - KLINGER & KENNEDY, p. 257
- 1977 *Australiceras lamprum* - KLINGER & KENNEDY, p. 290

***Australiceras rabenjanaharyi* COLLIGNON, 1962**

- *1962b *Australiceras rabenjanaharyi* - COLLIGNON, p. 26, pl. CCXXVI, fig. 969, pl. CCXXVII, fig. 969
- 1977 *Australiceras rabenjanaharyi* - KLINGER & KENNEDY, p. 290

***Australiceras ramososeptatoides* (ROUCHADZE, 1938)**

- *1938b *Crioceras ramososeptatoides* - ROUCHADZE, p. 150, pl. IV, fig. 1, text-fig. 30, 31
- 1977 *Australiceras (Australiceras) ramososeptatoides* - KAKABADZE, p. 133

***Australiceras ramososeptatoides maximum* (ROUCHADZE, 1938)**

- *1938b *Crioceras ramososeptatoides* v. *maxima* - ROUCHADZE, p. 153, pl. IV, fig. 2, text-fig. 32
- 1977 *Australiceras (Australiceras) ramososeptatoides maxima* - KAKABADZE, p. 133

***Australiceras robustum* WHITEHOUSE, 1926**

- 1909 *Crioceras jackii* - ETHERIDGE, pl. XXXII, fig. 1, pl. XXXIII, fig. 1
- *1926 *Australiceras robustum* - WHITEHOUSE, p. 211
- 1947 *Australiceras* sp. indet. cfr. *A. robustum* - MATSUMOTO, p. 14
- 1974 *Australiceras robustum* - DAY, p. 9
- 1977 *Australiceras robustum* - KLINGER & KENNEDY, fig. 49
- 2000 *Australiceras* cf. *robustum* - TOSHIMITSU & HIRANO, p. 586

***Australiceras? simbirskense* (SINZOW, 1872)**

- *1872 *Anciloceras Simbirskensis* Jasikov - SINZOW, p. 33, pl. V, fig. 2, 3, 4, 5, pl. VI, fig. 2, 3, 4, non pl. VI, fig. 1 (= *Proaustraliceras rossicum*)
- non1874 *Ancyloceras simbirskensis* Jasikov - LAHUSEN, p. 70, pl. VIII, fig. 2a, 2b, 2c (= *Proaustraliceras tuberculatum*)
- non1973 *Australiceras simbirskense* - GLAZUNOVA, p. 136, pl. XCI, fig. 1, pl. XCII, fig. 1a, 1b, 1r, 2, pl. XCIII, fig. 1a, 1b, 2, pl. XCIV, fig. 1a, 1b, 1r, 1d, pl. XCV, fig. 1a, 1b, 1r, pl. XCVI, fig. 1a, 1b, 1r, pl. XCVII, fig. 1a, 1b, 1r, 2, pl. XCVIII, fig. 1a, 1b, 1r (= *Proaustraliceras tuberculatum*)
- non1973 *Australiceras simbirskense* var. *sitschevskensis* - GLAZUNOVA, p. 138 (=SINZOW, 1905, pl. XIX, fig. 1) (= ? *Proaustraliceras tuberculatum*)
- non1998 *Australiceras (Australiceras) simbirskense* - BARABOSHKIN, p. 1138, pl. 2, fig. 3 (= *Proaustraliceras tuberculatum*)

***Australiceras tenuicostatum* KAKABADZE, 1977**

- *1977 *Australiceras (Australiceras) tenuicostatum* - KAKABADZE, p. 137, pl. II, fig. 1, pl. III, fig. 1, pl. IV, fig. 3a, 3b, 3b

***Australiceras wandalinum* KLINGER & KENNEDY, 1977**

- 1945 *Australiceras wandalina* - BOSHOF, p. 14, p. 65, pl. 4, fig. 1, pl. 7, fig. 1
- *1977 *Australiceras wandalina* (Boshoff MS.) - KLINGER & KENNEDY, p. 297, fig. 6B, 53 (=BOSHOF, 1945, pl. 4, fig. 1), fig. 54A, 54B, 55, 56 (=BOSHOF, 1945, pl. 7, fig. 1), fig. 57, 61D

***Proaustraliceras* KAKABADZE, 1977 (1977, p. 132)**

TYPE SPECIES: *Hamites gigas* J. DE C. SOWERBY, 1828, p. 188, pl. DXCIII, fig. 2 (OD).
INCLUDED (SUB)SPECIES:

<i>altum</i> -	GLAZUNOVA, 1973, p. 139, pl. CI, fig. 1a, 1b, 1r (HT by MT)
<i>apticum</i> -	GLAZUNOVA, 1973, p. 139, pl. XCIX, fig. 1a, 1b, pl. C, fig. 1a, 1b, 1r (HT by MT)
<i>colchicum</i> -	KAKABADZE, 1977, p. 133, pl. I, fig. 1 (HT by OD)
<i>fournieri</i> -	ROUCHADZE, 1933, p. 206, pl. IV, fig. 1, 2 (LT designated by KAKABADZE, 1981, p. 195)
<i>gigas</i> -	J. DE C. SOWERBY, 1828, p. 188, pl. DXCIII, fig. 2 (HT by MT)
<i>gigas anguimanum</i> -	CASEY, 1961, p. 52, pl. XIII (HT by OD)
<i>gigas arcuatum</i> -	CASEY, 1961, p. 52, pl. XII, fig. 1a, 1b, 1c (HT by OD)
<i>gigas inscriptum</i> -	CASEY, 1961, p. 52, text-fig. 17 (HT by OD)
<i>jasykowi</i> -	GLAZUNOVA, 1973, p. 139 (HT by OD SINZOW, 1905, pl. XVIII, fig. 2, 3, 4, 5)
<i>laticeps</i> -	SINZOW, 1905, p. 314, pl. XIX, fig. 2, 3, 4, text-fig. III, IV (HT by MT)
<i>pingue</i> -	CASEY, 1961, p. 55, pl. XIV, fig. 1, pl. XV, fig. 1, text-fig. 18b (HT by OD)
<i>rossicum</i> -	GLAZUNOVA, 1973, p. 138 (HT by OD SINZOW, 1872, p. 33, pl. VI, fig. 1)

- solidum* - GLAZUNOVA, 1973, p. 139 (HT by OD SINZOW, 1905, p. 308, pl. XVII, fig. 1, 2, 3, 4)
tskaltuboense - ROUCHADZE, 1933, p. 221, pl. X, fig. 4 (HT by MT)
tuberculatum - SINZOW, 1870, p. 119, pl. VI, fig. 9a, 9b (HT by MT)
tuberculatum graciloides - SINZOW, 1905, p. 312 (LT requested)

***Proaustraliceras altum* (GLAZUNOVA, 1973)**

- *1973 *Australiceras altum* - GLAZUNOVA, p. 139, pl. CI, fig. 1a, 1b, 1r

***Proaustraliceras apticum* (GLAZUNOVA, 1973)**

- *1973 *Australiceras apticum* - GLAZUNOVA, p. 139, pl. XCIX, fig. 1a, 1b, pl. C, fig. 1a, 1b, 1b

***Proaustraliceras colchicum* (KAKABADZE, 1977)**

- *1977 *Australiceras (Proaustraliceras) colchicum* - KAKABABZE, p. 133, pl. I, fig. 1
 2005 *Australiceras (Proaustraliceras) colchicum* - KAKABABZE in KOTETISHVILI et al., p. 360, pl. 74, fig. 1 (=KAKABABZE, 1977, pl. I, fig. 1)

***Proaustraliceras fournieri* (ROUCHADZE, 1933)**

- *1933 *Ancylloceras Fournieri* - ROUCHADZE, p. 206, pl. IV, fig. 1, 2, text-fig. 18
 1955 *Ancylloceras fournieri* - ERISTAVI, p. 111
 1977 *Australiceras (Proaustraliceras) fournieri* - KAKABADZE, p. 134, pl. IV, fig. 1, 2a, 2b, 2b
 non1977 *Australiceras (Proaustraliceras) fournieri* - KAKABADZE, pl. II, fig. 2 (=Proaustraliceras tskaltuboense)
 1981 *Australiceras (Proaustraliceras) fournieri* - KAKABADZE, p. 113, pl. XI, fig. 1 (=ROUCHADZE, 1933, p. 306, pl. IV, fig. 1)

***Proaustraliceras gigas* (J. DE C. SOWERBY, 1828)**

- *1828 *Hamites Gigas* - J. DE C. SOWERBY, p. 188, pl. DXCIII, fig. 2
 non1840 *Scaphites Gigas* - SOWERBY, p. 411, pl. XXXIV, fig. 2, 2a (=Proaustraliceras gigas inscriptum)
 non1841 *Hamites gigas* - ROEMER, p. 94, pl. XIV, fig. 8a, 8b
 1842 *Ancylloceras Gigas* - D'ORBIGNY, p. 494
 1847 *Scaphites gigas* - FITTON, p. 303, text-fig. 4 (=SOWERBY, 1840, pl. XXXIV, fig. 2)
 1854 *Scaphites gigas* - MANTELL, p. 139, pl. V, fig. 11 (=SOWERBY, 1840, pl. XXXIV, fig. 2)
 1859 *Scaphites gigas* - CHENU, p. 91, fig. 398 (=SOWERBY, 1840, pl. XXXIV, fig. 2)
 non1860 *Ancylloceras gigas* - OOSTER, pl. 53, fig. 1, 2, 3 (=Audouliceras renauxianum), fig. 4 (=Hamulina haueri), pl. 54, fig. 1
 1861 *Ancylloceras gigas* - PICTET & CAMPICHE, p. 46
 1875b *Crioceras gigas* - NEUMAYR, p. 937
 1880 *Scaphites gigas* - WRIGHT, p. 256, text-fig. 170 (=SOWERBY, 1840, pl. XXXIV, fig. 2)
 1881 *Crioceras gigas* - NEUMAYR & UHLIG, p. 191
 1887 *Scaphites Gigas* - NORMAN, fig. p. 39 (=SOWERBY, 1840, pl. XXXIV, fig. 2)
 1889 *Ancylloceras gigas* - HAUG, p. 215
 1895 *Ancylloceras gigas* - MAAS, p. 275
 non1898 *Macroscaphites gigas* - CRICK, p. 81, pl. 17, fig. 17, 18, 19 (=Ancylotropaeum hillsii)
 1902 *Crioceras gigas* - SARASIN & SCHÖNDELMAYER, p. 101
 1902 *Macroscaphites gigas* - JUKES-BROWNE, p. 403, fig. 132a (=SOWERBY, 1840, pl. XXXIV, fig. 2)
 1905 *Ancylloceras gigas* - SINZOW, p. 299
 1913 *Ancylloceras gigas* - KILIAN, p. 351

- 1915 *Ancyloceras gigas* - KILIAN & REBOUL, p. 72
 1927 *Ancyloceras Gigas* - ROCH, p. 28
 1930a *Tropaeum cf. gigas* - SPATH, p. 458, pl. XVII, fig. 3
 1930a *Tropaeum cf. gigas* - SPATH, pl. XVII, fig. 3
 1932 *Tropaeum cf. gigas* - SPATH, p. 657
 1961 *Australiceras gigas* - CASEY, p. 46, pl. XI, pl. XII, fig. 2a, 2b, pl. XV, fig. 2, pl. XX, fig. 2a, 2b, text-fig. 14 (=J. DE C. SOWERBY, 1828, pl. DXCIII, fig. 2), text-fig. 15, 16, 18a, 27c
 1967 *Australiceras cf. gigas* - WACHENDORF, pl. 36, fig. 4
 1975 *Australiceras aff. gigas* - OBATA et al., p. 31, pl. 3, fig. 1, 3
 1977 *Australiceras gigas* - KLINGER & KENNEDY, p. 289
 1982 *Australiceras aff. A. gigas* - OBATA et al., pl. 2, fig. 3, pl. 3, fig. 4a, 4b
 1996 *Australiceras gigas* - WRIGHT et al., p. 216, fig. 169: 1b (=CASEY, 1960, pl. XI)
 2000 *Australiceras aff. gigas* - TOSHIMITSU & HIRANO, p. 586
 2007 *Australiceras aff. gigas* - OBATA & MATSUKAWA, p. 379, fig. 12A, 12B, 12C, 12D (=OBATA et al., 1982, pl. 3, fig. 4a, 4b)

***Proaustraliceras gigas anguimanum* (CASEY, 1961)**

- *1961 *Australiceras gigas* var. *anguimanum* - CASEY, p. 52, pl. XIII
 1977 *Australiceras gigas* var. *anguimanum* - KLINGER & KENNEDY, p. 289

***Proaustraliceras gigas arcuatum* (CASEY, 1961)**

- *1961 *Australiceras gigas* var. *arcuatum* - CASEY, p. 52, pl. XII, fig. 1a, 1b, 1c
 1977 *Australiceras gigas* var. *arcuatum* - KLINGER & KENNEDY, p. 289

***Proaustraliceras gigas inscriptum* (CASEY, 1961)**

- 1840 *Scaphites Gigas* - SOWERBY, p. 411, pl. XXXIV, fig. 2, 2a
 *1961 *Australiceras gigas* var. *inscriptum* - CASEY, p. 52, text-fig. 17
 1977 *Australiceras gigas* var. *inscriptum* - KLINGER & KENNEDY, p. 289

***Proaustraliceras jasykowi* (GLAZUNOVA, 1973)**

- 1905 *Crioceras gracile* - SINZOW, pl. XVIII, fig. 2, 3, 4, 5
 *1973 *Australiceras jasykowi* - GLAZUNOVA, p. 139

***Proaustraliceras laticeps* (SINZOW, 1905)**

- *1905 *Crioceras laticeps* - SINZOW, p. 314, pl. XIX, fig. 2, 3, 4, text-fig. III, IV
 1977 *Australiceras laticeps* - KLINGER & KENNEDY, p. 290

***Proaustraliceras pingue* (CASEY, 1961)**

- *1961 *Australiceras pingue* - CASEY, p. 55, pl. XIV, fig. 1, pl. XV, fig. 1, text-fig. 18b
 1977 *Australiceras pingue* - KLINGER & KENNEDY, p. 290

***Proaustraliceras rossicum* (GLAZUNOVA, 1973)**

- 1872 *Anciloceras Simbirskensis* Jasik. - SINZOW, p. 33, pl. VI, fig. 1
 *1973 *Australiceras rossicus* - GLAZUNOVA, p. 138

***Proaustraliceras solidum* (GLAZUNOVA, 1973)**

- 1905 *Crioceras gracile* - SINZOW, p. 308, pl. XVII, fig. 1, 2, 3, 4

***Proaustraliceras tsaltuboense* (ROUCHADZE, 1933)**

- *1933 *Ancyloceras tsaltuboense* - ROUCHADZE, p. 221, pl. X, fig. 4
 1933 *Ancyloceras aff. renauxi* - ROUCHADZE, pl. XII, fig. 1
 1955 *Ancyloceras tsaltuboense* - ERISTAVI, p. 113
 1977 *Australiceras (Proaustraliceras) fourrieri* - KAKABADZE, pl. II, fig. 2 (=ROUCHADZE, 1933, pl. X, fig. 4)
 2005 *Australiceras (Proaustraliceras) tsaltuboense* - KAKABADZE in KOTETISHVILI et al., p. 360, pl. 84, fig. 1 (=ROUCHADZE, 1933, pl. X, fig. 4)

***Proaustraliceras tuberculatum* (SINZOW, 1870)**

- *1870 *Crioceras tuberculatus* - SINZOW, p. 119, pl. VI, fig. 9a, 9b
 1874 *Ancyloceras simbirskensis* Jasikov - LAHUSEN, p. 70, pl. VIII, fig. 2a, 2b, 2c
 1905 *Crioceras tuberculatum* - SINZOW, p. 309, pl. XIX, fig. 5, 6, pl. XX, fig. 4, 5, text-fig. II
 ?1905 *Crioceras gracile* - SINZOW, pl. XIX, fig. 1, text-fig. I
 1973 *Australiceras simbirskense* - GLAZUNOVA, p. 136, pl. XCI, fig. 1, pl. XCII, fig. 1a, 1b, 1r, 2, pl. XCIII, fig. 1a, 1b, 2, pl. XCIV, fig. 1a, 1b, 1r, 1d, pl. XCV, fig. 1a, 1b, 1r, pl. XCVI, fig. 1a, 1b, 1r, pl. XCVII, fig. 1a, 1b, 2, pl. XCVIII, fig. 1a, 1b, 1r
 ?1973 *Australiceras simbirskense* var. *sitschevskensis*¹²³ - GLAZUNOVA, p. 138 (=SINZOW, 1905, pl. XIX, fig. 1)
 1977 *Australiceras tuberculatum* - KLINGER & KENNEDY, p. 291
 1977 *Australiceras (Proaustraliceras) tuberculatum* - KAKABADZE, p. 132
 1998 *Australiceras (Australiceras) simbirskense* - BARABOSHKIN, p. 1138, pl. 2, fig. 3
 2002 *Proaustraliceras tuberculatum* - MIKHAILOVA & BARABOSHKIN, p. 540, pl. 2, fig. 1a, 1b, 2
 2002 *Proaustraliceras tuberculatum* - BARABOSHKIN & MIKHAILOVA, p. 607, pl. V, fig. 1

***Proaustraliceras tuberculatum graciloides* (SINZOW, 1905)**

- 1868 *Crioceras Astierianum* - VON EICHWALD, p. 1159
 *1905 *Crioceras tuberculatum* var. *graciloides* - SINZOW, p. 312, pl. XX, fig. 1, 2, 3
 1977 *Australiceras tuberculatum* var. *graciloides* - KLINGER & KENNEDY, p. 291
 1977 *Australiceras (Proaustraliceras) tuberculatum graciloides* - KAKABADZE, p. 132

***Pseudoaustraliceras* KAKABADZE, 1981
 (1981, p. 114)**

TYPE SPECIES: *Crioceras ramososeptatum* ANTHULA, 1900, 127, pl. XIV (XIII), fig. 4a, 4b, 4c (OD).
 INCLUDED (SUB)SPECIES:

- | | |
|---------------------|--|
| <i>australe</i> - | WAAGEN, 1875, p. 246, pl. LX, fig. 1a, 1b, 1c (LT designated herein) ¹²⁴ (= <i>Pseudoaustraliceras waageni</i>) ¹²⁵ |
| <i>caucasicum</i> - | KAKABADZE, 1981, p. 117, pl. XVI, fig. 4 (HT by OD) |
| <i>columbiae</i> - | BASSE, 1928, p. 142, pl. VIII, fig. 7a, 7b (LT designated by ETAYO-SERNA, 1983, p. 7) |

¹²³ Varieties published after 1960 have an infrasubspecific rank.

¹²⁴ In the view of WAAGEN the most perfect specimen.

¹²⁵ We propose a nomen novum for the species *Crioceras Australe* non Moore of WAAGEN, 1975, namely *Pseudoaustraliceras waageni* with as lectotype the specimen of his plate LX, fig. 1a, 1b, 1c.

<i>hirtzi</i> -	COLLIGNON, 1962b, p. 19, pl. CCXXIII, fig. 966, pl. CCXXIV, fig. 967 (HT by OD)
<i>pavlowi</i> -	WASSILIEWSKI, 1909, p. 46, pl. III, fig. 1a, 1b, 1c, text-fig. 5 (HT by MT)
<i>ramboulai</i> -	COLLIGNON, 1962b, p. 30, pl. CCXXVIII, fig. 970 (HT by OD)
<i>ramososeptatum</i> -	ANTHULA, 1900, p. 127, pl. XIV (XIII), fig. 4a, 4b, 4c (HT by MT)
<i>valladieri</i> -	CONTE, 1985, p. 206, pl. 2, fig. 1a, 1b (HT by OD)

***Pseudoaustralicer as australe* (WAAGEN, 1875)**

*1875	<i>Crioceras Australe</i> Moore - WAAGEN, p. 246, pl. LX, fig. 1a, 1b, 1c
1910a	<i>Crioceras australe</i> Moore - KRENKEL, p. 244
1910b	<i>Crioceras australe</i> Moore - KRENKEL, p. 159
1924c	" <i>Crioceras</i> " <i>australe</i> Waagen non Moore - SPATH, p. 19
1926	<i>Australicer as australe</i> Waagen non Moore - WHITEHOUSE, p. 208
1981	<i>Pseudoaustralicer as australe</i> Waagen - KAKABADZE, p. 117
1983	<i>Australicer as australe</i> Moore - KRISHNA, p. 52

***Pseudoaustralicer as caucasicum* KAKABADZE, 1981**

*1981	<i>Pseudoaustralicer as caucasicum</i> - KAKABADZE, p. 117, pl. XVI, fig. 4
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***Pseudoaustralicer as columbiae* (BASSE, 1928)**

*1928	<i>Ancyloceras Columbiae</i> - BASSE, p. 142, pl. VIII, fig. 6, fig. 7a, 7b, text-fig. 20
1937	<i>Ancyloceras Colombiae</i> - BOTERO, p. 24
1964	<i>Ancyloceras columbiae</i> - ETAYO-SERNA, p. 104
1983	<i>Pseudoaustralicer as columbiae</i> - ETAYO-SERNA, p. 7, pl. I, II, text-fig. 3a, text-fig. 3b, 3c (=BASSE, 1928, pl. VIII, fig. 7a, 7b), text-fig. 3d (=BASSE, 1928, pl. VIII, fig. 6), text-fig. 4a, 4b, 4c, 4d, 4c
1991	<i>Pseudoaustralicer as columbiae</i> - KAKABADZE & THIEULOY, p. 92, pl. 4, fig. 7, 8, pl. 5, fig. 1, 2, 3, 4, 5, text-fig. 11a, 11b, 11c, 11d, 11e
1997	<i>Pseudoaustralicer as columbiae</i> - KAKABADZE & HOEDEMAEKER, p. 68, pl. 8, fig. 1, pl. 9, fig. 1, pl. 10, fig. 1, pl. 11, fig. 1a, 1b, pl. 12, fig. 1a, 1b, 2a, 2b, 2c
2004	<i>Pseudoaustralicer as columbiae</i> - KAKABADZE & HOEDEMAEKER, p. 73, pl. 64, fig. 1, pl. 66, fig. 2, pl. 67, fig. 1

***Pseudoaustralicer as hirtzi* (COLLIGNON, 1962)**

*1962b	<i>Australicer as hirtzi</i> - COLLIGNON, p. 19, pl. CCXXIII, fig. 966, pl. CCXXIV, fig. 967, pl. CCXXV, fig. 968
1977	<i>Australicer as ? hirtzi</i> - KLINGER & KENNEDY, p. 289

***Pseudoaustralicer as pavlowi* (WASSILIEWSKI, 1909)**

*1909	<i>Crioceras Pavlowi</i> - WASSILIEWSKI, p. 46, pl. III, fig. 1a, 1b, 1c, text-fig. 5
?1933	<i>Ancyloceras</i> cfr. <i>Pavlowi</i> - ROUCHADZE, p. 220, pl. VIII, fig. 4
1938a	<i>Crioceras Pavlowi</i> - ROUCHADZE, p. 153
1949	<i>Ammonitoceras pavlowi</i> - LUPPOV in LUPPOV et al., p. 251, pl. LXXVII, fig. 4a, 4b, 4c, text-fig. 81 (=WASSILIEWSKI, 1909, pl. III, fig. 1b, 1a, 1c, text-fig. 5)
1960	<i>Ammonitoceras pavlowi</i> - DRUSHCHITS, p. 294, pl. XXXVIII, fig. 2a, 26, pl. XXXIX, fig. 2
1967	<i>Ammonitoceras pavlowi</i> - DIMITROVA, p. 63, pl. XXX, fig. 2
1975	<i>Ammonitoceras pavlowi</i> - FÖRSTER, p. 156, pl. 3, fig. 5, 6, 7a, 7b

- 1981 *Pseudoaustraliceras pavlowi* - KAKABADZE, p. 117, pl. VIII, fig. 4a, 4b, 4b, ?pl. VII, fig. 4a, 4b, 4b, pl. XVII, fig. 2a, 2b
- 1990 *Pseudoaustraliceras pavlowi pavlowi* - IVANOV & STOYKOVA, p. 59, pl. I, fig. 4
- 1997 *Pseudoaustraliceras pavlowi* - KAKABADZE & HOEDEMAEKER, p. 69, pl. 9, fig. 2a, 2b, 2c, text-fig. 7
- 2002 *Pseudoaustraliceras pavlovi* - MIKHAILOVA & BARABOSHKIN, pl. V, fig. 3a, 3b
- 2004 *Pseudoaustraliceras pavlowi* - KAKABADZE & HOEDEMAEKER, p. 74, pl. 66, fig. 1a, 1b

***Pseudoaustraliceras ramboulai* (COLLIGNON, 1962)**

- *1962b *Australiceras ramboulai* - COLLIGNON, p. 30, pl. CCXXVIII, fig. 970
- 1975 *Ammonitoceras ramboulai* - FÖRSTER, p. 158, pl. 3, fig. 4
- 1977 *Australiceras? ramboulai* - KLINGER & KENNEDY, p. 290

***Pseudoaustraliceras ramososeptatum* (ANTHULA, 1900)**

- *1900 *Crioceras ramososeptatum* - ANTHULA, p. 127, pl. XIV (XIII), fig. 4a, 4b, 4c
- 1910b *Ancyloceras* sp. - KRENKEL, p. 154
- 1914 *Crioceras* aff. *ramososeptatum* - KAZANSKY, p. 40, pl. I, fig. 10a, 10b, 10c, 10d
- non1915 *Crioceras ramososeptatum* - SINZOW, pl. XI, fig. 1, 1a, 2, 3, 3a (= ?*Ammonitoceras* sp.)
- 1933 *Ancyloceras ramososeptatum* - ROUCHADZE, p. 220, pl. IX, fig. 1
- 1951 *Tropaeum ramososeptatum* - RENNGARTEN, p. 56
- 1952b *Tropaeum ramososeptatum* - BASSE, p. 609
- 1955 *Ancyloceras ramososeptatum* - ERISTAVI, p. 113
- ?1960 *Ammonitoceras ramososeptatum* - DRUSHCHITS, p. 294, pl. XXXIX, fig. 1 (= ?*Ammonitoceras* sp.)
- 1967 *Toxoceratoides royerianus* - WACHENDORF, p. 290, pl. 35, fig. 1a, 1b, 4
- 1975 *Australiceras ramososeptatum* - FÖRSTER, p. 153, pl. 3, fig. 1a, 1b, 2, text-fig. 30
- 1977 *Australiceras ramososeptatum* - KLINGER & KENNEDY, p. 291, fig. 50, fig. 51 (= ANTHULA, 1900, pl. 14, fig. 4a), fig. 52
- 1981 *Pseudoaustraliceras ramososeptatum* - KAKABADZE, p. 117, pl. XVI, fig. 2a, 2b, 3a, 3b
- 1985 *Australiceras (Australiceras) ramososeptatum* - AGUIRRE-URRETA, p. 168, pl. I, text-fig. 6A, 6B
- 1986 *Pseudoaustraliceras* gr. *ramososeptum* - REY et al., p. 398
- 1988 *Pseudoaustraliceras* gr. *ramososeptum* - REY et al., p. 150
- 1996 *Pseudoaustraliceras ramososeptum* - WRIGHT et al., p. 216
- 1997 *Pseudoaustraliceras* sp. ex gr. *ramososeptatum* - KAKABADZE & HOEDEMAEKER, p. 70, pl. 8, fig. 2a, 2b, text-fig. 8

***Pseudoaustraliceras valladieri* CONTE, 1985**

- *1985 *Pseudoaustraliceras valladieri* - CONTE, p. 206, pl. 2, fig. 1a, 1b

***Tropaeum (Tropaeum)* J. DE C. SOWERBY, 1837
(1837, p. 535)**

TYPE SPECIES: *Tropaeum Bowerbanki* J. DE C. SOWERBY, 1837, p. 535(OD) (nomen nudum)
(= *Crioceratites Bowerbanki* J. DE C. SOWERBY, 1840, p. 410, pl. XXXIV, fig. 1).

INCLUDED (SUB)SPECIES:

- | | |
|------------------------|--|
| <i>acutecostatum</i> - | RENNGARTEN, 1951, p. 56 (nomen nudum) |
| ? <i>antarcticum</i> - | WILCKENS, 1947, p. 20, pl. 1, fig. 5, 6 (HT by OD) |
| <i>arcticum</i> - | STOLLEY, 1912, p. 16, pl. I, fig. 1 (HT by MT) |

<i>australe</i> -	MOORE, 1870, p. 257, pl. XV, fig. 3 (HT by MT) (neotype ETHERIDGE, 1892, p. 499, pl. 31, fig. 1 designated by WHITEHOUSE, 1926, p. 214)
<i>benstedti</i> -	CASEY, 1960, p. 37, pl. III, fig. 3 text-fig. 11g (HT by OD)
<i>biramosum</i> -	RENNGARTEN, 1951, p. 56 (nomen nudum)
<i>bowerbankii</i> -	J. DE C. SOWERBY, 1840, p. 410, pl. XXXIV, fig. 1 (HT by MT)
<i>bowerbankii densistriatum</i> -	CASEY, 1960, p. 30, pl. VI, fig. 1 (HT by OD)
<i>caseyi</i> -	COLLIGNON, 1962b, p. 18, pl. CCXXII, fig. 965 (HT by OD)
<i>dayi</i> -	KLINGER & KENNEDY, 1977, p. 268, fig. 32, 33A, 33B, 34 (HT by OD)
<i>drewi</i> -	CASEY, 1960, p. 35, pl. VIII, fig. 1, 2 (HT by OD)
<i>imperator</i> -	HOWCHIN & WHITEHOUSE, 1928, p. 487, text-fig. 144 (HT by MT)
<i>inflatum</i> -	AGUIRRE-URRETA, 1985, p. 186, pl. VII (HT by OD)
<i>keepingi</i> -	CASEY, 1960, p. 41, text-fig. 11e, 13 (HT by OD)
<i>?lakhephaense</i> -	ROUCHADZE, 1938a, p. 144, pl. II, fig. 2, text-fig. 16 (HT by MT)
<i>leptum</i> -	ETHERIDGE, 1909, p. 143, pl. XXX, fig. 1, 2, 3 (LT designated by WHITEHOUSE, 1926, p. 215)
<i>loegteri</i> -	KEMPER, 1964, p. 37, pl. 12, fig. 2 (HT by OD)
<i>longus</i> -	KAKABADZE, 1981, p. 110, pl. VI, fig. 1a, 16 (HT by OD)
<i>?multicingulatum</i> -	VON KOENEN, 1902, p. 314, pl. XIII, fig. 3 (LT designated herein) ¹²⁶
<i>obesum</i> -	KLINGER & KENNEDY, 1977, p. 271, fig. 35, 36, 65E (HT by OD)
<i>ozakii</i> -	OBATA & MATSUKAWA, p. 380, fig. 13A, 13B, 13C, 13D (HT by OD)
<i>percostatum</i> -	GABB, 1864, p. 77 (LT requested)
<i>rarum</i> -	WHITEHOUSE, 1926, p. 216, pl. 36, fig. 1a, 1b (HT by OD)
<i>rasgradense</i> -	NIKOLOV & BRESKOVSKI, 1978, p. 903, text-fig. (HT by OD)
<i>renniei</i> -	BOSHOF, 1945, p. 67, pl. 2, fig. 1 (HT by OD) (nomen nudum) ¹²⁷
<i>rossicum</i> -	CASEY, 1960, p. 25 (nomen novum for <i>Crioceras gracile</i> SINZOW, 1905, p. 306, pl. XVIII, fig. 1 (HT by OD)) ¹²⁸
<i>spinosum</i> -	KEMPER, 1964, p. 36, pl. 3, fig. 1a (HT by OD)
<i>subsimbirskense compressum</i> -	SINZOW, 1905, p. 320, pl. XXII, fig. 2 (LT designated by DIMITROVA, 1967, p. 63)
<i>subsimbirskense subsimbirskense</i> -	SINZOW, 1905, p. 320, pl. XXII, fig. 4, 5 (LT designated by CASEY, 1960, p. 39)
<i>tenuinodosum</i> -	KEMPER, 1964, p. 36, pl. 14, fig. 1 (HT by OD)
<i>undatum</i> -	WHITEHOUSE, 1926, p. 215 (HT by OD ETHERIDGE, 1909, pl. XXXI, fig. 1, 2)

¹²⁶ The most complete specimen that VON KOENEN, 1902 described and depicted.

¹²⁷ Does not fulfil the requirements of ICZN article 9.9. (not a published work).

¹²⁸ This is rather confusing because on page 25 CASEY, 1960 attributed this name to "*Anciloceras*" *gracile* SINZOW non OPPEL, referring to *Anciloceras gracilis* SINZOW, 1872. On page 43 he states that it is uncertain whether *Anciloceras gracilis* is conspecific with the forms later referred to *Crioceras gracilis*.

***Tropaeum (Tropaeum) acutecostatum* RENNGARTEN, 1951**

- *1951 *Tropaeum acutecostatum* - RENNGARTEN, p. 56 (nomen nudum)

***Tropaeum (Tropaeum)? antarcticum* WILCKENS, 1947**

- *1947 *Tropaeum ? antarcticum* - WILCKENS, p. 20, pl. 1, fig. 5, 6

***Tropaeum (Tropaeum) arcticum* (STOLLEY, 1912)**

- *1912 *Crioceras arcticum* - STOLLEY, p. 16, pl. I, fig. 1, text-fig. 1, 2
1912 *Crioceras cf. arcticum* - STOLLEY, p. 18, pl. I, fig. 2, pl. II, fig. 3
non1926 *Tropaeum arcticum* - WHITEHEAD, p., 215 (= *Tropaeum (Tropaeum) undatum*)
1930 *Crioceras arcticum* - FREBOLD, p. 46, pl. XVI, fig. 1, 2
?1964 *Tropaeum* n. sp. aff. *arcticum* - JELETZKY, p. 68, pl. XX, fig. 1A, 1B, pl. XXII, fig. 2A, 2B, 2C, 3A, 3B, 3C
non1964 *Tropaeum arcticum* - DAY, p. 18 (= *Tropaeum (Tropaeum) undatum*)
1978 *Tropaeum arcticum* - GAIDA et al., p. 51, pl. 1, fig. 2, 3, 4a, 4b, 7a, 7b, 9a, 9b, 10a, 10b
1983 *Tropaeum arcticum* - ERSHOVA, pl. XLII, fig. 1
1995 *Tropaeum arcticum* - KEMPER, pl. 8, fig. 5a, 5b (=GAIDA et al., 1978, pl. 1, fig. 6a, 6b)

***Tropaeum (Tropaeum) australe* (MOORE, 1870)**

- *1870 *Crioceras australe* - MOORE, p. 257, pl. XV, fig. 3
?1883 *Crioceras australe* (?) - TENISON-WOODS, p. 6, pl. X, fig. 6, 7
non1886 *Crioceras australe* ? - RATTE, p. 133, pl. I, II (= *Tropaeum (Tropaeum) imperator*)
1892 *Crioceras australe* - ETHERIDGE, p. 499, pl. 31, fig. 1, pl. 32, fig. 3, 4, pl. 33, fig. 2 (=MOORE, 1870, p. 257, pl. XV, fig. 3), non pl. 30, fig. 7, pl. 32, fig. 1, 2, ?5 (= *Australiceras jacki*)
1926 *Tropaeum australe* - WHITEHOUSE, p. 214
?1932 *Tropaeum*, sp. ind. aff. *australis* - SPATH, CXXIV, fig. 9a, 9b, 10, 11a, 11b, 12a, 12b
1964 *Tropaeum australe* - JELETZKY, pl. XXI, fig. 1A, 1B
non1974 *Tropaeum cf. australe* - DAY, p. 5, pl. 1, fig. 1a, 1b, pl. 2, fig. 2a, 2b (= *Tropaeum (Tropaeum) dayi*)
1983 *Tropaeum australe* - KRISHNA, p. 48, 52

***Tropaeum (Tropaeum) benstedti* CASEY, 1960**

- 1847 *Crioceras Bowerbankii* - FITTON, p. 307 (pars)
*1960 *Tropaeum benstedti* - CASEY, p. 37, pl. III, fig. 3, text-fig. 11g
1980 *Tropaeum (Tropaeum) benstedti* - CASEY, p. 637, text-fig. 244
?1975 *Tropaeum* aff. *bowerbanki* - OBATA et al., pl. 2, fig. 3
?1982 *Tropaeum* aff. *T. bowerbanki* - OBATA et al., pl. 2, fig. 1 (=OBATA et al., 1975, pl. 2, fig. 3)
?2007 *Tropaeum (Tropaeum) aff. benstedti* - OBATA & MATSUKAWA, p. 381, fig. 14A, 14B, 14C, 14D (=OBATA et al., 1975, pl. 2, fig. 3)

***Tropaeum (Tropaeum) biramosum* RENNGARTEN, 1951**

- *1951 *Tropaeum biramosum* - RENNGARTEN, p. 56 (nomen nudum)

***Tropaeum (Tropaeum) bowerbankii* (J. DE C. SOWERBY, 1840)**

- 1837 *Tropaeum Bowerbankii* - SOWERBY, p. 535 (nomen nudum)
1837 *Hamites Hillsii* - J. DE C. SOWERBY, p. 339, pl. XV, fig. 1
*1840 *Crioceratites Bowerbankii* - SOWERBY, p. 410, pl. XXXIV, fig. 1, 1a

- 1845 *Scaphites grandis* Var. β . *Crioceras Bowerbankii* (*Tropaeum* sp.) - FORBES, p. 355
1847 *Crioceratites Bowerbankii* - FITTON, p. 303, text-fig. 1, (=SOWERBY, 1840, pl. XXXIV, fig. 1), text-fig. 2
1860 *Crioceratites Bowerbankii* - OOSTER, pl. 52, fig. 6 (=FITTON, 1847, text-fig. 2)
?1881 *Crioceras Bowerbankii* - NEUMAYR & UHLIG, p. 192, pl. LIII, fig. 1
non1899 *Crioceras* cf. *Bowerbanki* - SEMENOV, p. 133, pl. V, fig. 7a, 7b, 7c (=Ancyloceras pseudourbani)
non1902 *Crioceras Bowerbanki* - VON KOENEN, p. 247, pl. XXXVII, fig. 4, pl. XLII, fig. 2a, 2b (=Tropaeum (*Tropaeum*) drewi)
1902 *Ancyloceras Hillsi* - VON KOENEN, p. 361, pl. XXXIII, fig. 4
1905 *Crioceras Bowerbanki* - SINZOW, p. 300, pl. XV, fig. 4, pl. XVI, fig. 1, 2, 3, 4, 5, pl. XVII, fig. 5, 6
?1914 *Crioceras* (*Ancyloceras*) cf. *Bowerbanki* - KAZANSKY, p. 35
1917b *Crioceratites Bowerbanki* - CRICK, p. 138, pl. VII, fig. 1, 2, 3 (=SOWERBY, 1840, pl. XXXIV, fig. 1)
1926 *Tropaeum bowerbanki* - WHITEHOUSE, p. 213
1930a *Tropaeum bowerbanki* - SPATH, p. 456
1938 *Ancyloceras Bowerbanki* - ROMAN, p. 357
1949 *Tropaeum bowerbanki* - LUPPOV et al., p. 250, pl. LXXVI, fig. 1 (=SINZOW, 1905, pl. XVI, fig. 4)
1952b *Tropaeum bowerbanki* - BASSE, p. 609
non1957 *Tropaeum bowerbanki* - ARKELL et al., p. L211, fig. 240: 4 (=Tropaeum (*Tropaeum*) drewi)
non1958 *Tropaeum bowerbanki* - SAZONOVA, p. 130, pl. XI, fig. 2, 2a, pl. XII, fig. 2
1958 *Tropaeum bowerbanki* - DRUSHCHITS & ERISTAVI, p. 105 pl. XLVIII, fig. 4 (=SINZOW, 1905, pl. XVI, fig. 4)
1960 *Tropaeum bowerbanki* - DRUSHCHITS, p. 293, pl. XXXVII, fig. 1a, 1b
1960 *Tropaeum bowerbanki* - CASEY, p. 25, pl. IV, fig. 1, 2, 3a, 3b, 3c, 3d (=SOWERBY, 1840, pl. XXXIV, fig. 1), pl. V, fig. 1, 2, text-fig. 7A (=VON KOENEN, 1902, pl. XXXIII, fig. 4), 7B, 11a, 11b
1974 *Tropaeum bowerbanki* - KAEVER et al., p. 222, pl. 2, fig. 4 (=VON KOENEN, 1902, pl. XXXIII, fig. 4)
non1975 *Tropaeum* aff. *bowerbanki* - OBATA et al., p. 28, pl. 2, fig. 1a, 1b (=Tropaeum (*Tropaeum*) ozakii), pl. 2, fig. 4 (=Tropaeum (*Tropaeum*) sp.), pl. 2, fig. 3 (=Tropaeum (*Tropaeum*) benstedii)
1980 *Tropaeum* aff. *bowerbanki* - BLASCO et al., p. 48, pl. II, fig. 1, 2, 3
non1982 *Tropaeum* aff. *T. bowerbanki* - OBATA et al., pl. 2, fig. 1 (=OBATA et al., 1975, pl. 2, fig. 3) (=Tropaeum (*Tropaeum*) benstedii), pl. 2, fig. 2a, 2b, 2c (=OBATA et al., 1975, pl. 2, 1a, 1b) (=Tropaeum (*Tropaeum*) ozakii)
?1983 *Tropaeum* sp. - FÖRSTER & WEIER, p. 65, pl. 4, fig. 3
1996 *Tropaeum* (*Tropaeum*) *bowerbanki* - WRIGHT et al, p. 221, fig. 170: 1a (=SOWERBY, 1840, pl. XXXIV, fig. 1, 1a)
1998 *Tropaeum* (*Tropaeum*) *bowerbanki* - BARABOSHKIN, p. 1138, pl. 3, fig. 4
2002 *Tropaeum* (*Tropaeum*) *bowerbanki* - MIKHAILOVA & BARABOSHKIN, p. 543, pl. 1, fig. 8 (=BARABOSHKIN, 1998, pl. 3, fig. 4)
2002 *Tropaeum* (*Tropaeum*) *bowerbanki* - BARABOSHKIN & MIKHAILOVA, p. 608, pl. III, fig. 4 (=BARABOSHKIN, 1998, pl. 3, fig. 4)
2006 *Tropaeum bowerbanki* - ROPOLLO et al., pl. 11, fig. 3

***Tropaeum* (*Tropaeum*) *bowerbankii* *densistriatum* CASEY, 1960**

- *1960 *Tropaeum bowerbanki densistriatum* - CASEY, p. 30, pl. VI, fig. 1
1977 *Tropaeum* sp. gr. ex *bowerbanki* var. *densistriatum-hillsi* - KLINGER & KENNEDY, p. 283, fig. 45

***Tropaeum (Tropaeum) caseyi* COLLIGNON, 1962**

- *1962b *Tropaeum caseyi* - COLLIGNON, p. 18, pl. CCXXII, fig. 965

***Tropaeum (Tropaeum) dayi* KLINGER & KENNEDY, 1977**

- 1974 *Tropaeum* cf. *australe* - DAY, pl. 1, fig. 1a, 1b, pl. 2, fig. 2a, 2b
*1977 *Tropaeum dayi* - KLINGER & KENNEDY, p. 268, fig. 32, 33A, 33B, 34

***Tropaeum (Tropaeum) drewi* CASEY, 1960**

- 1902 *Crioceras Bowerbanki* - VON KOENEN, p. 247, pl. XXXVII, fig. 4, pl. XLII, fig. 2a, 2b
1908 *Crioceras Bowerbanki* - STOLLEY, p. 213
1930a *Tropaeum bowerbanki* - SPATH, p. 456 (pars)
1957 *Tropaeum bowerbanki* - ARKELL et al., p. L211, fig. 240: 4 (=VON KOENEN, 1902, pl. XXXVII, fig. 4)
*1960 *Tropaeum drewi* - CASEY, p. 35, pl. VIII, fig. 1, 2, pl. IX, fig. 1, text-fig. 10, 11f (=VON KOENEN, 1902, pl. XXXVII, fig. 4, pl. XLII, fig. 2a, 2b)
non1964 *Tropaeum drewi drewi* - KEMPER, p. 36, pl. 12, fig. 1a, 1b, pl. 14, fig. 3, pl. 15, fig. 4 (=?)*Tropaeum (Tropaeum) tenuinodosum*
1965 *Tropaeum drewi* - GALLOIS, pl. V, fig. 1 (=CASEY, 1960, pl. VIII, fig. 1)
1974 *Tropaeum drewi* - KAEVER et al., p. 222, pl. 2, fig. 5 (=VON KOENEN, 1902, pl. XXXVII, fig. 4)
non1995 *Tropaeum drewi* - KEMPER, pl. 6, fig. 3, 6 (=KEMPER, 1964, pl. 12, fig. 1a, pl. 14, fig. 3) (=?)*Tropaeum (Tropaeum) tenuinodosum*
1996 *Tropaeum drewi* - MUTTERLOSE, p. 51, pl. 6, fig. 1
1996 *Tropaeum drewei* - WEBER, pl. 1, fig. 1, 2
1996 *Tropaeum (Tropaeum) drewi* - WRIGHT et al., p. 221, fig. 170: 1b (=VON KOENEN, 1902, pl. XXXVII, fig. 4)
2000 *Tropaeum* cf. *drewi* - TOSHIMITSU & HIRANO, p. 586

***Tropaeum (Tropaeum) imperator* HOWCHIN & WHITEHOUSE, 1928**

- 1886 *Crioceras australe* ? - RATTE, p. 133, pl. I, II
*1928 *Tropaeum imperator* - HOWCHIN & WHITEHOUSE, p. 487, text-fig. 144, 145
1929 *Tropaeum imperator* - HOWCHIN, p. 191, text-fig. 92 (=HOWCHIN & WHITEHOUSE, 1928, text-fig. 144)
1960 *Tropaeum imperator* - CASEY, p. 41
1966 *Tropaeum imperator* - LUDBROOK, p. 189
1969 *Tropaeum* cf. *imperator* - DAY, p. 144, table 8:1
1974 *Tropaeum imperator* - DAY, p. 5, pl. 2, fig. 1a, 1b

***Tropaeum (Tropaeum) inflatum* AGUIRRE-URRETA, 1985**

- *1985 *Tropaeum (Tropaeum) inflatum* - AGUIRRE-URRETA, p. 186, pl. VII, VIII, XIB, text-fig. 9

***Tropaeum (Tropaeum) keepingi* CASEY, 1960**

- 1883 *Ancyloceras Hillsii* - KEEPING, p. 91, pl. II, a, b, c, d
*1960 *Tropaeum keepingi* - CASEY, p. 42, text-fig. 11e, 13 (=KEEPING, 1883, pl. II, a, b, c, d)

***Tropaeum (Tropaeum)? lakhephaense* (ROUCHADZE, 1938)**

- *1938a *Crioceras lakhephaense* - ROUCHADZE, p. 144, pl. II, fig. 2, text-fig. 16

***Tropaeum (Tropaeum) leptum* (ETHERIDGE, 1909)**

- *1909 *Crioceras (?) leptus* - ETHERIDGE, p. 143, pl. XXX, fig. 1, 2, 3, pl. XXXIV, fig. 2
1926 *Tropaeum leptum* - WHITEHOUSE, p. 215
1974 *Tropaeum leptum* - DAY, p. 8, pl. 4, fig. 1a, 1b, text-fig. 3B

***Tropaeum (Tropaeum) loegteri* KEMPER, 1964**

- *1964 *Tropaeum lögteri* - KEMPER, p. 37, pl. 12, fig. 2, pl. 13, fig. 1a, 1b, 2, text-fig. 7a
1968 *Tropaeum lögteri* - KEMPER, pl. 4, fig. 6 (=KEMPER, 1964, pl. 12, fig. 2)
1971 *Tropaeum lögteri* - KEMPER, pl. 4, fig. 6 (=KEMPER, 1964, pl. 12, fig. 2)
1976 *Tropaeum lögteri* - KEMPER, pl. 4, fig. 6 (=KEMPER, 1964, pl. 12, fig. 2)
1996 *Tropaeum lögteri* - WEBER, p. 79, pl. 2, fig. 1

***Tropaeum (Tropaeum) longus* KAKABADZE, 1981**

- *1981 *Tropaeum (Tropaeum) longus* - KAKABADZE, p. 110, pl. VI, fig. 1a, 16
2005 *Tropaeum (Tropaeum) longus* - KAKABADZE in KOTETISHVILI, p. 359, pl. 77, fig. 1a, 16
(=KAKABADZE, 1981, pl. VI, fig. 1a, 16)

***Tropaeum (Tropaeum)? multicingulatum* (VON KOENEN, 1902)**

- *1902 *Crioceras ? multicingulatum* - VON KOENEN, p. 314, pl. XIII, fig. 2a, 2b, fig. 3

***Tropaeum (Tropaeum) obesum* KLINGER & KENNEDY, 1977**

- *1977 *Tropaeum obesum* - KLINGER & KENNEDY, p. 271, fig. 35, 36, fig. 37, 38D, 39A, 39B, 40A, 40B, 41, 42, 65E

***Tropaeum (Tropaeum) ozakii* OBATA & MATSUKAWA, 2007**

- 1975 *Tropaeum aff. bowerbanki* - OBATA et al., p. 28, pl. 2, fig. 1a, 1b
1982 *Tropaeum aff. T. bowerbanki* - OBATA et al., pl. 2, fig. 2a, 2b, 2c (=OBATA et al., 1975, pl. 2, fig. 1a, 1b)
*2007 *Tropaeum (Tropaeum) ozakii* - OBATA & MATSUKAWA, p. 380, fig. 13A, 13B, 13C, 13D
(=OBATA et al., 1975, pl. 2, fig. 1a, 1b)

***Tropaeum (Tropaeum) percostatum* (GABB, 1864)**

- *1864 *Crioceras percostatus* - GABB, p. 77, pl. XVI, fig. 26, pl. XVII, fig. 26a
non1869 *Ancyloceras percostatus* - GABB, p. 138, pl. XXIV, fig. 19 (=Shastoceras behemoth)
1938 *Tropaeum percostatum* - ANDERSON, p. 212, pl. 71, fig. 1, pl. 72, fig. 1

***Tropaeum (Tropaeum) rasgradense* NIKOLOV & BRESKOVSKI, 1978**

- *1978 *Tropaeum rasgradensis* - NIKOLOV & BRESKOVSKI, p. 903, text-fig. p. 902

***Tropaeum (Tropaeum) renniei* BOSHOF, 1945**

- *1945 *Tropaeum renniei* - BOSHOF, p. 67, pl. 2, fig. 1, pl. 6, fig. 10

***Tropaeum (Tropaeum) rossicum* CASEY, 1960**

- ?1872 *Anciloceras gracilis* - SINZOW, p. 35, pl. VI, fig. 5, 6, 10, 11

- 1905 *Crioceras gracile* - SINZOW, p. 306, pl. XVIII, fig. 1, non pl. XVII, fig. 1, 2, 3, 4
(=*Proaustralicerias solidum*), pl. XVIII, fig. 2, 3, 4, 5 (= *Proaustralicerias jasykowi*)
pl. XIX, fig. 1, text-fig. I (= *Proaustralicerias tuberculatum*)
- ?1924a *Ancyloceras cf. gracile* - SPATH, p. 79
- non1926 *Australicerias gracile* - WHITEHOUSE, p. 211, pl. XXXIV, fig. 4 (= *Australicerias irregulare*)
- 1930a *Tropaeum cf. gracile* - SPATH, p. 459
- *1960 *Tropaeum rossicum* - CASEY, p. 25
- 1960 *Tropaeum cf. rossicum* - CASEY, p. 43
- non1968 *Australicerias aff. gracile* - HILL, PLAYFORD & WOODS, p. k.16, pl. K VII, fig. 2
(=*Australicerias irregulare*)
- 1977 *Tropaeum rossicum* - KLINGER & KENNEDY, fig. 30, 31B

***Tropaeum (Tropaeum) spinosum* KEMPER, 1964**

- *1964 *Tropaeum drewi spinosum* - KEMPER, p. 36, pl. 3, fig. 1a, fig. 1b, pl. 16, fig. 1
- 1995 *Tropaeum drewi spinosum* - KEMPER, pl. 5, fig. 7 (=KEMPER, 1964, pl. 16, fig. 1a)
- 1996 *Tropaeum spinosum* - WEBER, p. 83

***Tropaeum (Tropaeum) subsimbirskense compressum* (SINZOW, 1905)**

- *1905 *Crioceras subsimbirskense* var. *compressa* - SINZOW, p. 320, pl. XXII, fig. 1, 2
- non1967 *Tropaeum subsimbirskense compressa* - DIMITROVA, p. 63, pl. XII, fig. 1
(=*Tropaeum (Tropaeum) subsimbirskense subsimbirskense*)
- ?1967 *Ammonitoceras cf. tovilense* - WACHENDORF, p. 282, pl. 36, fig. 1
- ?1967 *Australicerias cf. gigas* - WACHENDORF, p. 283, pl. 36, fig. 4
- 1975 *Tropaeum subsimbirskense compressum* - FÖRSTER, p. 152, pl. 2, fig. 3a, 3b, 4, 5, 6, text-
fig. 29
- 1977 *Tropaeum subsimbirskense compressum* - KLINGER & KENNEDY, p. 261, fig. 28, 29A,
29B, 87
- 1985 *Tropaeum subsimbirskense compressum* - CONTE, p. 204, pl. 1, fig. 1, 2

***Tropaeum (Tropaeum) subsimbirskense subsimbirskense* (SINZOW, 1905)**

- *1905 *Crioceras subsimbirskense* var. *inflata* - SINZOW, p. 320, pl. XXII, fig. 3, fig. 4, 5
- 1960 *Tropaeum subsimbirskense sensu stricto* - CASEY, p. 39
- 1960 *Tropaeum subarcticum* - CASEY, p. 40, text-fig. 12
- 1967 *Tropaeum subsimbirskense compressa* - DIMITROVA, p. 63, pl. XII, fig. 1
- 1977 *Tropaeum aff. subsimbirskense subsimbirskense* - KLINGER & KENNEDY, fig. 26, 27A, 27B
- 1980 *Tropaeum (Tropaeum) cf. subsimbirskense* - CASEY, p. 639
- 1962 *Tropaeum mozambiquense* - SILVA, p. 21, pl. IX, fig. 1, 2, pl. X, fig. 1, pl. XI, fig. 1, pl.
XII, fig. 1, pl. XIII, fig. 1, pl. XIV, fig. 1

***Tropaeum (Tropaeum) tenuinodosum* KEMPER, 1964**

- 1963 *Tropaeum drewi* - KEMPER, pl. 36, fig. 1
- ?1964 *Tropaeum drewi drewi* - KEMPER, p. 36, pl. 12, fig. 1a, 1b, pl. 14, fig. 3, pl. 15, fig. 4
- *1964 *Tropaeum drewi tenuinodosum* - KEMPER, p. 36, pl. 14, fig. 1 (=KEMPER, 1963, pl. 36, fig.
1)
- 1968 *Tropaeum drewi tenuinodosum* - KEMPER, pl. 7, fig. 1 (=KEMPER, 1963, pl. 36, fig. 1)
- 1971 *Tropaeum drewi tenuinodosum* - KEMPER, pl. 7, fig. 1 (=KEMPER, 1963, pl. 36, fig. 1)
- 1976 *Tropaeum drewi tenuinodosum* - KEMPER, pl. 7, fig. 1 (=KEMPER, 1963, pl. 36, fig. 1)
- 1976 *Tropaeum tenuinodosum* - KEMPER, pl. 28, fig. 9
- 1980 *Tropaeum (Tropaeum) tenuinodosum* - CASEY, p. 637, text-fig. 243
- 1995 *Tropaeum tenuinodosum* - KEMPER, pl. 6, fig. 1, fig. 5 (=KEMPER, 1963, pl. 36, fig. 1)
- 1995 *Tropaeum drewi* - KEMPER, pl. 6, fig. 3, 6 (=KEMPER, 1964, pl. 12, fig. 1a, pl. 14, fig. 3)

1996 *Tropaeum tenuinodosum* - WEBER, p. 83

***Tropaeum (Tropaeum) undatum* WHITEHOUSE, 1926**

- 1909 *Crioceras jackii* - ETHERIDGE, pl. XXXI, fig. 1, 2, pl. XXXII, fig. 2, pl. XXXIV, fig. 1, pl. XXXVIII, fig. 4, 5
*1926 *Tropaeum undatum* - WHITEHOUSE, p. 215
1926 *Tropaeum arcticum* - WHITEHOUSE, p. 215
1926 *Tropaeum rarum* - WHITEHOUSE, p. 216, pl. 36, fig. 1a, 1b
1950 *Australiceras jacki* - DAVID & BROWNE, pl. 44, fig. c (=ETHERIDGE, 1909, pl. XXXIV, fig. 1)
?1964 *Tropaeum undatum* - JELETZKY, pl. XX, fig. 2
?1964 *Tropaeum* cf. *undatum* - JELETZKY, pl. XXI, fig. 2A, 2B, 2C
1964 *Tropaeum arcticum* - DAY, p. 18
1968 *Tropaeum undatum* - HILL, PLAYFORD & WOODS, p. k.16, pl. K VII, fig. 3 (=ETHERIDGE, pl. XXXIV, fig. 1)
1974 *Tropaeum undatum* - DAY, p. 6, pl. 3, fig. 2a, 2b (=ETHERIDGE, 1909, pl. XXXII, fig. 2, pl. XXXIV, fig. 1)
1977 *Tropaeum* sp. aff. *undatum* - KLINGER & KENNEDY, p. 280, fig. 43, 44

***Tropaeum (Australotropaeum) magnum* AGUIRRE-URRETA, 1985**
(1985, p. 191)

TYPE SPECIES: *Tropaeum (Australotropaeum) magnum* AGUIRRE-URRETA, 1985, p. 192, pl. IX (OD).
INCLUDED (SUB)SPECIES:

magnum - AGUIRRE-URRETA, 1985, p. 192, pl. IX (HT by OD)

***Tropaeum (Australotropaeum) magnum* AGUIRRE-URRETA, 1985**

- *1985 *Tropaeum (Australotropaeum) magnum* - AGUIRRE-URRETA, p. 192, pl. IX, X, XIA, text-fig. 10

***Ancylotropaeum* CASEY, 1980**
(1980, p. 639)

TYPE SPECIES: *Tropaeum (Ancylotropaeum) baylissi* CASEY, 1980, p. 639, pl. CV, fig. 1a, 1b, 1c, 1d (OD).

INCLUDED (SUB)SPECIES:

baylissi - CASEY, 1980, p. 639, pl. CV, fig. 1a, 1b, 1c, 1d (HT by OD)
hillsii - J. DE C. SOWERBY, 1837, p. 339, pl. XV, fig. 3 (LT designated by CASEY, 1960, p. 31)
ponderosum - CASEY, 1980, p. 641, text-fig. 245a, 245b (HT by OD)
pseudohillsii - CASEY, 1980, p. 636, text-fig-242 (HT by OD)

***Ancylotropaeum baylissi* (CASEY, 1980)**

- *1980 *Tropaeum (Ancylotropaeum) baylissi* - CASEY, p. 639, pl. CV, fig. 1a, 1b, 1c, 1d, text-fig. 246c, 251b
1996 *Tropaeum (Ancylotropaeum) baylissi* - WRIGHT et al., p. 221, fig. 170: 3a, 3b (=CASEY, 1980, pl. CV, fig. 1a, 1b)

***Ancylotropaeum hillsii* (J. DE C. SOWERBY, 1837)**

- *1837 *Hamites Hillsii* - J. DE C. SOWERBY, p. 339, pl. XV, fig. 2, fig. 3, non fig. 1 (= *Tropaeum (Tropaeum) bowerbanki*)
- non1840 *Scaphites Hillsii* ? - GEINITZ, p. 41, pl. XIII, fig. 2a, 2b
- 1847 *Scaphites Hillsii* - FITTON, p. 303, text-fig. 3 (=J. DE C. SOWERBY, 1837, pl. XV, fig. 3)
- 1860 *Ancylloceras Hillsi* - OOSTER, pl. 52, fig. 5 (=FITTON, 1847, text-fig. 3), non pl. 52, fig. 1 (= *Balearites balearis*), fig. 2, 3, 4 (= ? *Balearites balearis*), fig. 6 (= *Tropaeum (Tropaeum) bowerbanki*), fig. 7 (= ? *Hamulina astieriana*)
- non1883 *Ancylloceras Hillsii* - KEEPING, p. 91, pl. II, a, b, c, d (= *Tropaeum (Tropaeum) keepingi*)
- 1898 *Macroscaphites gigas* - CRICK, p. 81, pl. 17, fig. 17, 18, 19
- non1902 *Ancylloceras Hillsi* - VON KOENEN, p. 361, pl. XXXIII, fig. 4 (= *Tropaeum (Tropaeum) bowerbankii*)
- 1905 *Ancylloceras Hillsi* - SINZOW, p. 296, pl. XV, fig. 1, 2, 3, 5, 6, pl. XVII, fig. 7, pl. XXII, fig. 6
- ?1914 *Crioceras (Ancylloceras) cf. Hillsi* - KAZANSKY, p. 36
- 1926 *Tropaeum hillsii* - WHITEHOUSE, p. 216
- ?1930a *Tropaeum* sp. ind. (*hillsii* group) - SPATH, p. 456, pl. XV, fig. 2
- 1938 *Ancylloceras Hillsi* - ROMAN, p. 357
- ?1960 *Tropaeum hillsii* - DRUSHCHITS, p. 293, pl. XXVII, fig. 1
- 1960 *Tropaeum hillsii* - CASEY, p. 30, pl. VII, text-fig. 8 (=J. DE C. SOWERBY, 1837, pl. XV, fig. 3), text-fig. 9 (=CRICK, 1898, pl. 17, fig. 17, 18, 19), text-fig. 11c
- non1975 *Tropaeum cf. Hillsi* - FÖRSTER, p. 151, pl. 2, fig. 1a, 1b, text-fig. 28 (= ? *Audouliceras mozambiquense*)
- 1980 *Tropaeum (Tropaeum) hillsii* - CASEY, p. 634, text-fig. 241, 246d
- ?1994 *Tropaeum hillsii* - GIBLING et al., p. 281, fig. 23E

***Ancylotropaeum ponderosum* (CASEY, 1980)**

- *1980 *Tropaeum (Ancylotropaeum) ponderosum* - CASEY, p. 641, text-fig. 245a, 245b, 245c, 245d, 251c

***Ancylotropaeum pseudohillsii* (CASEY, 1980)**

- *1980 *Tropaeum (Tropaeum) pseudohillsii* - CASEY, p. 636, pl. CIII, fig. 1, pl. CIV, fig. 1a, 1b, text-fig-242, 246a, 246b

***Epitropaeum* KAKABADZE, 1977**

(1977, p. 132)

TYPE SPECIES: *Tropaeum subarcticum* CASEY, 1960, p. 40, pl. X, fig. 1 (OD).

INCLUDED (SUB)SPECIES:

subarcticum -

CASEY, 1960, p. 40, pl. X, fig. 1 (HT by OD)

***Epitropaeum subarcticum* (CASEY, 1960)**

- *1960 *Tropaeum subarcticum* - CASEY, p. 40, pl. VIII, fig. 3a, 3b, 3c, pl. X, fig. 1, text-fig. 11d, non text-fig. 12 (= *Tropaeum (Tropaeum) cf. subsibirskense*)
- ?1977 *Tropaeum* sp. indet. - KLINGER & KENNEDY, p. 285, fig. 46
- 1978 *Tropaeum subarcticum* - GAIDA et al., p. 53, pl. 1, fig. 1, 8, pl. 2, fig. 2a, 2b
- 1980 *Tropaeum (Epitropaeum) subarcticum* - CASEY, p. 641, pl. CVI, fig. 246e
- 1985 *Tropaeum (Epitropaeum) subarcticum* - AGUIRRE-URRETA, p. 190
- 1995 *Tropaeum subarcticum* - KEMPER, pl. 8, fig. 7a, 7b (=GAIDA et al., 1978, pl. 2, fig. 2b, 2a)

1996 *Tropaeum (Epitropaeum) subarcticum* - WRIGHT et al., p. 220, fig. 170: 2a, 2b (=CASEY, 1980, pl. CVI)

***Epanisoceras* COLLIGNON, 1962**
(1962b, p. 15)

TYPE SPECIES: *Protanisoceras raulinianiforme* BREISTROFFER, 1937, p. 126, pl. III, fig. 9, 9a (OD).
INCLUDED (SUB)SPECIES:

raulinianiforme - BREISTROFFER, 1937, p. 126, pl. III, fig. 9, 9a (HT by MT)

***Epanisoceras raulinianiforme* (BREISTROFFER, 1937)**

- *1937 *Anosiceras (Protanisoceras) raulinianiforme* - BREISTROFFER in COLLIGNON, p. 126(22), pl. III, fig. 9, 9a
1961 '*Protanisoceras*' *raulinianiforme* - CASEY, p. 100
1962b *Epanisoceras raulinianiforme* - COLLIGNON, p. 15, pl. CCXXI, fig. 964 (=COLLIGNON, 1937, pl. III, fig. 9, 9a)
1996 *Epanisoceras raulinianiforme* - WRIGHT et al., p. 2225, fig. 175: 5 (=COLLIGNON, 1937, pl. III, fig. 9)

***Helicancyloceras (Helicancyloceras)* KLINGER & KENNEDY, 1977**
(1977, p. 325)

TYPE SPECIES: *Heteroceras (Argvethites ?) vohimaranitraensis* COLLIGNON, 1962b, p. 14, pl. CCXXI, fig. 962 (OD).

INCLUDED (SUB)SPECIES:

densecostatum - KLINGER & KENNEDY, 1977, p. 335, fig. 67A, 67B (HT by OD)
vohimaranitraense - COLLIGNON, 1962b, p. 14, pl. CCXXI, fig. 962 (HT by OD)

***Helicancyloceras (Helicancyloceras) densecostatum* KLINGER & KENNEDY, 1977**

- 1976 *Heteroceras (Argvethites ?) vohimaranitraensis* - KLINGER, pl. 2, fig. 5
*1977 *Helicancyloceras (Helicancyloceras) densecostatum* - KLINGER & KENNEDY, p. 335, fig. 67A, 67B, 75I, 75J, 79C, fig. 81D (=KLINGER, 1976, pl. 2, fig. 5)

***Helicancyloceras (Helicancyloceras) vohimaranitraense* COLLIGNON, 1962**

- *1962b *Heteroceras (Argvethites ?) vohimaranitraensis* - COLLIGNON, p. 14, pl. CCXXI, fig. 962
1976 *Heteroceras (Argvethites ?) vohimaranitraensis* - KLINGER, p. 14, pl. 1, fig. 3a, 3b, 4a, 4b, 5, pl. 2, fig. 2a, 2b, 2c, 3a, 3b, 4, 6a, 6b, text-fig. 5d, 5e, 5f, 6b, 6c, 6d, 6e, non pl. 2, fig. 5 (= *Helicancyloceras densecostatum*)
1977 *Helicancyloceras (Helicancyloceras) vohimaranitraensis* - KLINGER & KENNEDY, p. 328, fig. 70, 71A, 71B, fig. 73B, 73D (KLINGER, 1976, pl. 1, fig. 3b, 3a), 74A, 74B, 74C, 74D, 74E, 74F, 75B, 75C, 75E, 75F, 75G, 76A, 76B, 77D, 77E, 78C, 88A, 88B, 88C
1996 *Helicancyloceras vohimaranitraensis* - WRIGHT et al., p. 221, fig. 171a, 171b, 171c (=KLINGER & KENNEDY, 1977, fig. 70, 73B, 73D)

***Helicancyloceras (Nonyaniceras)* KLINGER & KENNEDY, 1977**
(1977, p. 327)

TYPE SPECIES: *Helicancyloceras (Nonyaniceras) nonyani* KLINGER & KENNEDY, 1977, p. 340, fig. 82A, 82B, 83B (OD).

INCLUDED (SUB)SPECIES:

- | | |
|-----------------------------|--|
| <i>circulare</i> - | KLINGER & KENNEDY, 1977, p. 340, fig. 78A, 78B (HT by OD) |
| <i>crassetuberculatum</i> - | KLINGER & KENNEDY, 1977, p. 342, fig. 79E, 79F (HT by OD) |
| <i>nonyani</i> - | KLINGER & KENNEDY, 1977, p. 340, fig. 82A, 82B, 83B (HT by OD) |

***Helicancyloceras (Nonyaniceras) circolare* KLINGER & KENNEDY, 1977**

- *1977 *Helicancyloceras (Nonyaniceras) circolare* - KLINGER & KENNEDY, p. 341, fig. 72A, 72B, 72C, 72D, 72E, 77A, 77B, 77C, 78A, 78B

***Helicancyloceras (Nonyaniceras) crassetuberculatum* KLINGER & KENNEDY, 1977**

- *1977 *Helicancyloceras (Nonyaniceras) crassetuberculatum* - KLINGER & KENNEDY, p. 342, fig. 79E, 79F

***Helicancyloceras (Nonyaniceras) nonyani* KLINGER & KENNEDY, 1977**

- *1977 *Helicancyloceras (Nonyaniceras) nonyani* - KLINGER & KENNEDY, p. 340, fig. 82A, 82B, 83B
1996 *Helicancyloceras nonyani* - WRIGHT et al., p. 221, fig. 171d, 171e (=KLINGER & KENNEDY, 1977, fig. 82A, 82B)

***Laqueoceras* KAKABADZE & HOEDEMAEKER, 2004**

(2004, p. 70) (occupied name; junior homonym)

(non *Laqueoceras* LANGE, 1926, p. 472)

TYPE SPECIES: *Laqueoceras laqueus* KAKABADZE & HOEDEMAEKER, 2004, p. 70, pl. 61, fig. 1 (OD).

INCLUDED (SUB)SPECIES:

- | | |
|------------------|--|
| <i>laqueus</i> - | KAKABADZE & HOEDEMAEKER, p. 70, pl. 61, fig. 1 (HT by OD). |
|------------------|--|

***Laqueoceras laqueus* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Laqueoceras laqueus* - KAKABADZE & HOEDEMAEKER, p. 70, pl. 60, fig. 1, pl. 61, fig. 1, pl. 62, fig. 1, pl. 63, fig. 1a, 1b, text-fig. 11

***Caspianites* CASEY, 1961**

(1961, p. 56)

TYPE SPECIES: «*Crioceras (Ammonitoceras)*» *wassiliewskyi* RENNGARTEN, 1926, p. 30 (SINZOW, 1908, p. 507, pl. VI, fig. 13) (OD).

INCLUDED (SUB)SPECIES:

<i>boughtonensis</i> -	CASEY, 1961, p. 60, pl. XVI, fig. 2a, 2b, 2c, text-fig. 18g (HT by OD)
<i>cadoceriformis</i> -	SINZOW, 1905, p. 319 (LT requested)
<i>tuarkyriensis</i> -	KAKABADZE, 1981, p. 121, pl. XII, fig. 1a, 1b, 1B (HT by OD)
<i>vectensis</i> -	CASEY, 1980, p. 649, pl. CI, fig. 1, text-fig. 249, 250a (HT by OD)
<i>wassiliewskyi</i> -	RENNGARTEN, 1926, p. 30 (LT SINZOW, 1908, p. 507, pl. VI, fig. 13 designated by CASEY, 1961, p. 56)

***Caspianites boughtonensis* (CASEY, 1961)**

- *1961 *Ammonitoceras boughtonense* - CASEY, p. 60, pl. XVI, fig. 2a, 2b, 2c, text-fig. 18g
1980 *Caspianites boughtonensis* - CASEY, p. 649

***Caspianites cadoceriformis* (SINZOW, 1905)**

- *1905 *Crioceras cadoceriforme* - SINZOW, p. 319, pl. XXI, fig. 3, 4, 5, 6
1908 *Crioceras cadoceriforme* - SINZOW, p. 508
1976 *Ammonitoceras (Caspianites) cadoceriforme* - BOGDANOVA & KAKABADZE, p. 126
1980 *Crioceras cadoceriforme* - CASEY, p. 646
1981 *Caspianites cadoceriforme* - KAKABADZE, p. 121

***Caspianites tuarkyriensis* KAKABADZE, 1981**

- *1981 *Caspianites tuarkyriensis* - KAKABADZE, p. 121, pl. V, fig. 3a, 3b, 3B, pl. XII, fig. 1a, 1b, 1B
1999 *Caspianites tuarkyriensis* - CECCA et al., p. 382, pl. 1, fig. 5

***Caspianites vectensis* CASEY, 1980**

- *1980 *Caspianites vectensis* - CASEY, p. 649, pl. CI, fig. 1, text-fig. 249, 250a

***Caspianites wassiliewskyi* (RENNGARTEN, 1926)**

- 1908 *Crioceras Ridzewskyi* - SINZOW, p. 507, pl. VI, fig. 13, fig. 14, 15, 16, 16a, 17, 18
*1926 *Crioceras (Ammonitoceras) Wassiliewskyi* - RENNGARTEN, p. 30
1952 «*Crioceras (Ammonitoceras)*» *wassiliewskyi* - LUPPOV, p. 231
1961 *Caspianites wassiliewskyi* - CASEY, p. 56
1975 *Ammonitoceras wassiliewskyi* - BOGDANOVA & MIKHAILOVA, p. 197, text-fig. 1, 2a, 2b, 2B, 2Г, 2Д, 2е
1976 *Ammonitoceras (Caspianites) wassiliewskyi* - BOGDANOVA & KAKABADZE, p. 126, text-fig. 1a, 1b, 1B
1980 *Caspianites wassiliewskyi* - CASEY, p. 649, text-fig. 250b, 250c, 250d
1981 *Caspianites wassiliewskyi* - KAKABADZE, p. 121
1996 *Caspianites wassiliewskyi* - WRIGHT et al., p. 222, fig. 169: 2a, 2b, 2c (=SINZOW, 1908, pl. VI, fig. 13, 16, 16a)

Luppovia BOGDANOVA, KAKABADZE & MIKHAILOVA, 1978¹²⁹
(1978, p. 83)

TYPE SPECIES: *Luppovia dostshanensis* BOGDANOVA, KAKABADZE & MIKHAILOVA in KAKABADZE, BOGDANOVA & MIKHAILOVA, 1978, p. 83, pl. 1, fig. 1a, 1b, 1b (OD)

INCLUDED (SUB)SPECIES:

- adjiderensis* - BOGDANOVA, KAKABADZE & MIKHAILOVA, 1978, p. 87, pl. 1, fig. 7a, 7b, text-fig. 4B: a, б, в, г, д (HT by OD)
dostshanensis - BOGDANOVA, KAKABADZE & MIKHAILOVA, 1978, p. 84, pl. 1, fig. 1a, 1b, 1b (HT by OD)

Luppovia adjiderensis BOGDANOVA, KAKABADZE & MIKHAILOVA, 1978

- *1978 *Luppovia adjiderensis* - KAKABADZE et al., p. 87, pl. 1, fig. 6, 7a, 7b, text-fig. 3, 4B: a, б, в, г, д
1981 *Luppovia dostshanensis* - KAKABADZE, text-fig. 28 (=KAKABADZE et al. 1978, p. 87, pl. 1, fig. 6)
1981 *Luppovia adjiderensis* - KAKABADZE, text-fig. 30 (=KAKABADZE et al., 1978, 4B: a, б, в, г, д)

Luppovia dostshanensis BOGDANOVA, KAKABADZE & MIKHAILOVA, 1978

- *1978 *Luppovia dostshanensis* - KAKABADZE et al., p. 84, pl. 1, fig. 1a, 1b, 2a, 2b, 3a, 3b, 3b, 4, 5a, 5b, text-fig. 3a, 3b, 3b, 3г, 3д, 3e, 3ж, 3з, 3и, 3к, 4A: a, б, в, г, д, e, ж, з
1981 *Luppovia dostshanensis* - KAKABADZE, pl. IV, fig. 3 (=KAKABADZE et al., 1978, pl. 1, fig. 1a), text-fig. 29: a, б, в, г, д, e (=KAKABADZE et al., 1978, text-fig. 3 д, 3e, 3ж, 3з, 3и, 3к, non text-fig. 28 (=KAKABADZE et al. 1978, p. 87, pl. 1, fig. 6) (=Luppovia adjiderensis)
1996 *Luppovia dostshanensis* - WRIGHT et al., p. 225, fig. 175: 1a, 1b (=KAKABADZE et al., 1978, pl. 1, fig. 1a, 1b)

?*Antarcticoceras* THOMSON, 1974
(1974, p. 20)

TYPE SPECIES: *Antarcticoceras antarcticum* THOMSON, 1974, p. 21, pl. III, fig. j (OD).

INCLUDED (SUB)SPECIES:

- antarcticum* - THOMSON, 1974, p. 21, pl. III, fig. j (HT by OD)

Antarcticoceras antarcticum THOMSON, 1974

- *1974 *Antarcticoceras antarcticum* - THOMSON, p. 21, pl. III, fig. i, j, k, m, n
1981 *Antarcticoceras antarcticum* - THOMSON, p. 287, pl. I, fig. 7
1996 *Antarcticoceras antarcticum* - WRIGHT et al., p. 222, fig. 168: 4 (=THOMSON, 1974, p. 21, pl. III, fig. j)

?*Huastecoceras* CANTÚ CHAPA, 1976
(C. M. CANTÚ CHAPA, 1976, p. 12)

TYPE SPECIES: *Crioceras trispinosoides* BURCKHARDT, 1925, p. 42, pl. VII, fig. 24, 25, 26 (OD).

¹²⁹ Could be in the view of VERMEULEN (herein) a heteromorph form that derived from *Dufrenoyia*.

INCLUDED (SUB)SPECIES:

trispinosoides -

BURCKHARDT, 1925, pl. VII, fig. 24, 25, 26 (HT by MT)

***Huastecoceras trispinosoides* (BURCKHARDT, 1925)**

- *1925 *Crioceras trispinosoides* - BURCKHARDT, p. 42, pl. VII, fig. 24, 25, 26
- 1976 *Huastecoceras trispinosoides* - C. M. CANTÚ CHAPA, p. 12, pl. I, fig. 2, 2a
- 1996 *Huastecoceras trispinosoides* - WRIGHT et al, p. 222, fig. 168: 1a, 1b (=C. M. CANTÚ CHAPA, 1976, pl. I, fig. 2, 2a)

Family HETERO CERATIDAE SPATH, 1922¹³⁰
 (= ?**TOXOCERATIDAE** GILL, 1871)
 (= **COLCHIDITINAE** KAKABADZE, 1967)

***Heteroceras* D'ORBIGNY, 1849**
 (1849, p. 291)

= ***Lindigia* KARSTEN, 1858, p. 103.** TYPE SPECIES: *Lindigia helicocerooides* KARSTEN, 1858, p. 103 (OD).

= ***Atopoceras* Jaubert in KILIAN, 1889a, p. 685** (nomen nudum).

TYPE SPECIES: *Turrilites Emericianus* D'ORBIGNY, 1842, p. 580; SD MEEK, 1876, p. 477.

INCLUDED (SUB)SPECIES:

<i>astierianum</i> -	D'ORBIGNY, 1851, p. 219, pl. 4, fig. 1 (HT by MT)
<i>baylei</i> -	REYNÈS, 1876, p. 107 (LT designated by DELANOY & BULOT, 1990, p. 17, pl. 2, fig. 6)
<i>bifurcatum</i> -	D'ORBIGNY, 1851, p. 221, pl. 3, fig. 2, 3 (HT by MT)
<i>bifurcatum trifurcatum</i> -	KILIAN, 1889b, p. 432(196) (LT requested) (nomen dubium)
<i>blaronense</i> -	DELANOY & BERT, 2006, p. 256, pl. 2, fig. 1 (HT by OD)
? <i>botevense</i> -	DIMITROVA, 1967, p. 80, pl. XXXIX, fig. 1 (HT by OD)
<i>buloti</i> -	DELANOY & BERT, 2006, p. 269, pl. 2, fig. 5 (HT by OD)
? <i>capellini</i> -	MATHERON, 1880, pl. C-24, fig. 1a, 1b (HT by MT) (nomen dubium)
<i>coulleti</i> -	DELANOY, 1995a, p. 296, pl. 2, fig. 1, pl. 8, fig. 1 (HT by OD)
<i>demandolxense</i> -	DELANOY & BERT, 2006, p. 267, pl. 1, fig. 5 (HT by OD)
<i>devii</i> -	ROUCHADZE, 1933, p. 231, pl. XIII, fig. 3 (HT by MT)
<i>elegans</i> -	ROUCHADZE, 1933, p. 232, pl. XIII, fig. 4 (LT designated by KAKABADZE, 1975, p. 89)
<i>elegantoides</i> -	KAKABADZE, 1988, p. 451, text-fig. 2: 25 (nomen nudum)
<i>emericianum</i> -	D'ORBIGNY, 1842, p. 580 (neotype D'ORBIGNY, 1851, pl. 3, fig. 1 designated by DELANOY, 1998, p. 52) ¹³¹
<i>emericianum costatum</i> -	ROUCHADZE, 1933, p. 242, pl. XV, fig. 3 (LT designated by KAKABADZE, 1971, p. 49)
<i>eristavii</i> -	KAKABADZE, 1975, p. 90, pl. IV, fig. 1a, 16 (HT by OD)
<i>fuhrae</i> -	DELANOY, 1998, p. 87, pl. 47, fig. 4a, 4b (HT by OD)
<i>gonneti</i> -	DELANOY, 1998, p. 90, pl. 37, fig. 2 (HT by OD)
? <i>haugi</i> -	KARAKASCH, 1907, p. 144 (LT requested)
<i>helicocerooides</i> -	KARSTEN, 1858, p. 103 (LT requested)
<i>imericum</i> -	ROUCHADZE, 1933, p. 230 (LT requested)
<i>isocostata</i> -	KAKABADZE, 1975, p. 91, pl. IV, fig. 5a, 56 (HT by OD)
<i>jeletzkyi</i> -	MURPHY, 1975, p. 36, pl. 7, fig. 4 (HT by OD)

¹³⁰ In the view of COMPANY (herein) the genera that are lacking an initial helicoidal stage should be excluded from this family, namely *Uhligia*, *Pseudomoutoniceras*, *Moutoniceras*, *Toxoceras*, *Turkmeniceras* and probably *Ewaldiceras* and *Hemibaculites*. In the view of VERMEULEN (herein) the genera *Heteroceras*, *Cochidites* and *Martelites* are synonyms.

¹³¹ DELANOY, 1998 has strong arguments to unite the species *Heteroceras emericianum*, *H. leenhardtii*, *H. imericum* and *H. tardieuvi* in one taxon with four different morphotypes. But to give a clear view on the differences between the morphotypes we provisionally distinguish herein the four morphs under their original species name.

<i>kotetishviliae</i> -	KAKABADZE, 1975, p. 88 (HT by OD KOTETISHVILI, 1970, pl. IX, fig. 4)
<i>leenhardtii</i> -	KILIAN, 1889a, p. 688, pl. XX, fig. 3 (HT by MT)
<i>monmothoi</i> -	SARKAR, 1955, p. 129, pl. X, fig. 3 (HT by MT)
<i>moriezense</i> -	DELANOY, 1998, p. 80, pl. 47, fig. 1a, 1b, 1c (HT by OD)
<i>moulladei</i> -	DELANOY & BERT, 2006, p. 270, pl. 7, fig. 1 (HT by OD)
<i>rawsoni</i> -	DELANOY & BERT, 2006, p. 259, pl. 2, fig. 3, 4 (HT by OD)
<i>?rotatum</i> -	SIMONOVICH, BATSEVICH & SOROKIN, 1875, p. 175, pl. V, fig. 2a, 2b (HT by MT)
<i>spectabile</i> -	REYNÈS, 1876, p. 107 (nomen dubium)
<i>tardieui</i> -	KILIAN, 1889b, p. 433(197), pl. IV (HT by MT)
<i>tskaluboenae</i> -	KAKABADZE, 1975, p. 87 (HT by OD ROUCHADZE, 1933, p. 148, pl. VI, fig. 4)
<i>vermiforme</i> -	ROUCHADZE, 1933, p. 233, pl. XIII, fig. 5 (LT designated by KAKABADZE, 1975, p. 90)

***Heteroceras astierianum* D'ORBIGNY, 1851¹³²**

- *1851 *Heteroceras Astierianum* - D'ORBIGNY, p. 219, pl. 4, fig. 1
- non1889a *Heteroceras Astieri* - KILIAN, p. 687, pl. XXI, fig. 1a, 1b (= *Heteroceras imericum*)
- non1889b *Heteroceras Astieri* - KILIAN, p. 430(194), pl. 3, fig. 2 (= *Heteroceras baylei*)
- non1938 *Heteroceras Astieri* - ROMAN, p. 357, pl. XXXV, fig. 339 (= *Heteroceras tardieui*)
- non1952b *Heteroceras astieri* - BASSE, p. 609, pl. III, fig. 8 (= *Heteroceras tardieui*)
- non1958 *Heteroceras astierianum* - LUPPOV & DRUSHCHITS, p. 105, pl. XLIX, fig. 3 (= *Heteroceras baylei*)
- ?1967 *Heteroceras astierianum* - DIMITROVA, p. 65, pl. XXXVII, fig. 2
- non1975 *Heteroceras astieri* - KAKABADZE, p. 86, pl. I, fig. 1a, 1b, pl. II, fig. 1, pl. VIII, fig. 2 (= *Heteroceras imericum*)
- non1976 *Heteroceras (H.)* sp. aff. *H. (H.) astierianum* - KLINGER, p. 11, pl. 1, fig. 1a, 1b, 2, text-fig. 5a, 5b, 5c, 6a (= *Heteroceras baylei*)
- non1976 *Heteroceras* aff. *astieri* - OBATA & OGAWA, p. 105, fig. 6: 6, pl. 4, fig. 5 (= ?*Heteroceras baylei*)
- non1976 *Heteroceras (Heteroceras)* sp. aff. *astieri* - OBATA et al., p. 130, pl. 1, fig. 4a, 4b, 7, text-fig. 5 (= ?*Heteroceras* gr. *emericianum*)
- ?1977 *Heteroceras astierianum* - SZYMAKOWSKA, p. 285, pl. III, fig. 13
- non1980 *Heteroceras astieri* - THOMEL, p. 54, fig. 93 (= *Heteroceras baylei*)
- non1983 *Heteroceras (Heteroceras)* aff. *H. (H.) astieri* - MATSUKAWA, pl. 1, fig. 6a, 6b, 6c, 6d (= *Heteroceras emericianum*)
- non1984 *Heteroceras (Heteroceras)* aff. *Heteroceras astieri* - OBATA et al., pl. 3, fig. 1a, 1b, 1c, 1d (= ?*Heteroceras* gr. *emericianum*)
- ?1984 *Heteroceras* cfr. *astieri* - CERIOTTI et al., p. 35, fig. 6
- ?1984 *Heteroceras astierianum* - SZYMAKOWSKA, p. 103, pl. XXXV, fig. 4
- 1986 *Heteroceras astierianum* - AGUIRRE-URRETA & KLINGER, p. 351
- non1989 *Heteroceras astieri* - CONTE, p. 39, fig. 1 on p. 40 (= *Heteroceras baylei*)
- ?1989 *Heteroceras astierianum* - MAREK et al., p. 79, pl. XXXVI, fig. 4 (= SZYMAKOWSKA, 1977, pl. III, fig. 13)
- non1991 *Heteroceras* cf. *astieri* - KAKABADZE & THIEULOY, p. 95, pl. 3, fig. 5, 6 (= ?*Heteroceras emericianum*)
- ?1996 *Heteroceras* sp. gr. *Heteroceras astieri* - VERMEULEN, p. 68, pl. 2, fig. 7, 8
- 1998 *Heteroceras astieri* - DELANOY, p. 42, pl. 39, fig. 1 (= D'ORBIGNY, 1851, pl. 4, fig. 1)
- non2005 *Heteroceras (Heteroceras) astieri* - KAKABADZE in KOTETISHVILI et al., p. 366, pl. 87, fig. 1 (= *Heteroceras imericum*)

¹³² See DELANOY, 1998, p. 42 for an extensive discussion about this species.

- *1876 *Heteroceras Baylei* - REYNÈS, p. 107
 1889b *Heteroceras Astieri* - KILIAN, p. 430(194), pl. 3, fig. 2
 1933 *Heteroceras elegans* - ROUCHADZE, p. 232, pl. XIII, fig. 4, text-fig. 36, non pl. XV, fig. 2¹³³
 1955 *Leptoceras* (?*Lytocrioceras*) *sabaudianum* var. *non tuberculata* - SARKAR, p. 140, pl. X, fig. 14, ?pl. IX, fig. 13
 1955 *Heteroceras elegans* - ERISTAVI, p. 118
 1958 *Heteroceras astieranum* - LUPPOV & DRUSHCHITS, p. 105, pl. XLIX, fig. 3 (=ROUCHADZE, 1933, pl. XIII, fig. 4)
 1961 *Heteroceras* cf. *elegans* - ERISTAVI, p. 45
 1964 *Anahamulina subcylindrica* - NIKOLOV, p. 126, pl. IV, fig. 6, pl. V, fig. 1, 2
 1975 *Heteroceras elegans* - KAKABADZE, p. 89, pl. III, fig. 1a, 1b (=ROUCHADZE, 1933, pl. XIII, fig. 4), fig. 3, 4, 5, pl. VIII, fig. 5a, 5b, 5c, 5d
 1976 *Heteroceras* (*H.*) sp. aff. *H. (H.) astieranum* - KLINGER, p. 11, pl. 1, fig. 1a, 1b, 2, text-fig. 5a, 5b, 5c, 6a
 ?1976 *Heteroceras* aff. *astieri* - OBATA & OGAWA, p. 105, fig. 6: 6, pl. 4, fig. 5
 1980 *Heteroceras astieri* - THOMEL, p. 54, fig. 93
 1984 *Heteroceras* (*Heteroceras*) ex gr. *elegans* - KLINGER, KAKABADZE & KENNEDY, p. 44, fig. 2A, 2B, 2C, 2D, 2E, 2F, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 4A, 4B, 4C
 1986 *Heteroceras* (*Heteroceras*) *elegans* - AGUIRRE-URRETA & KLINGER, p. 322, fig. 5A, 5B, 5C, 5D, 5E, 5F, fig. 5G, 5H (=KLINGER, 1976, pl. 1, fig. 1a, 1b), fig. 10E, 10F, 10G, 10H, 10I
 1988 *Heteroceras elegantoides* - KAKABADZE, p. 451, text-fig. 2: 25
 1989 *Heteroceras astieri* - CONTE, p. 39, fig. 2 on p. 22 (=KILIAN, 1889b, pl. III, fig. 2), fig. 1 on p. 40 (=KILIAN, 1889b, pl. III, fig. 2)
 1989 *Heteroceras* cf. *elegans* - CONTE, p. 39, fig. 9, 10, 11 on p. 41
 1990 *Heteroceras baylei* - DELANOY & BULOT, p. 17, pl. 2, fig. 4, 5, fig. 6 (=REYNÈS, 1876, p. 107)
 1992 *Heteroceras baylei* - DELANOY, p. 119, pl. 36, fig. 2a, 2b, 3, 4a, 4b, 5, 6
 1993 *Heteroceras* (*Heteroceras*) *elegans* - AGUIRRE-URRETA, pl. VI, fig. 6, 7 (=AGUIRRE-URRETA & KLINGER, 1986, fig. 5E, 5F)
 1995 *Heteroceras baylei* - DELANOY, pl. 1, fig. 2, 4
 1995 *Heteroceras elegans* - *baylei* group - RAWSON, p. 133, fig. 2a, 2b, 3
 1997 *Heteroceras baylei* - AGUADO et al., p. 313, fig. 5c
 1998 *Heteroceras baylei* - DELANOY, p. 95, pl. 9, fig. 3a, 3b, pl. 13, fig. 4, 5, pl. 14, fig. 4, fig. 5 (=DELANOY, 1992, pl. 36, fig. 6), fig. 6 (=DELANOY, 1992, pl. 36, fig. 5), fig. 7, pl. 16, fig. 3, pl. 20, fig. 2, 3, 4, pl. 50, fig. 3, 4, 8, pl. 51, fig. 2, fig. 3 (=DELANOY & BULOT, 1990, pl. 2, fig. 4), fig. 4 (=LT REYNÈS, 1876, p. 107), fig. 5, 6a, 6b, 6c (=DELANOY, 1992, pl. 36, fig. 2a, 2b), fig. 7 (=SARKAR, 1955, pl. X, fig. 14), fig. 8, text-fig. 58, 59, table 15
 1998 *Heteroceras* aff. *baylei* - DELANOY, pl. 19, fig. 2 (=CONTE, 1989, fig. 10 on p. 41)
 1998 *Heteroceras* gr. *baylei* - DELANOY, pl. 50, fig. 6, 7
 1998 *Heteroceras elegans* - DELANOY, pl. 50, fig. 5 (=ROUCHADZE, 1933, pl. XIII, fig. 4)
 1998 *Heteroceras* gr. *baylei* - ARNAUD et al., pl. 5, fig. 13, pl. 6, fig. 2, 3 (=DELANOY, 1998, pl. 50, fig. 6, 7), ?pl. 5, fig. 11
 2005 *Heteroceras* (*Heteroceras*) *elegans* - KAKABADZE in KOTETISHVILI et al., p. 367, pl. 87, fig. 4a (=ROUCHADZE, 1933, pl. XIII, fig. 4), 46

Heteroceras bifurcatum D'ORBIGNY, 1851

- *1851 *Heteroceras bifurcatum* - D'ORBIGNY, p. 221, pl. 3, fig. 2, 3
 non1889b *Heteroceras bifurcatum* - KILIAN, p. 432(196), pl. III, fig. 3 (= ?*Heteroceras* sp.)

¹³³ Error in the text.

- non1889b *Heteroceras bifurcatum* var. *trifurcata* - KILIAN, p. 432(196) (= ?*Martelites* gr. *marteli*)
 non1927 *Heteroceras bifurcatum* - ROCH, p. 32 (= *Martelites* sp.)
 ?1964 *Heteroceras bifurcatum* - NIKOLOV, p. 124, pl. IV, fig. 1, 2, pl. V, fig. 5a, 5b
 non1965b *Heteroceras bifurcatum* - BRESKOVSKI, p. 215, fig. 8
 non1967 *Heteroceras bifurcatum* - DIMITROVA, p. 64, pl. XXXIX, fig. 2 (=BRESKOVSKI, 1965b, fig. 8)
 1986 *Heteroceras bifurcatum* - AGUIRRE-URRETA & KLINGER, p. 351
 non1986 *Heteroceras bifurcatum* var. *trifurcata* - AGUIRRE-URRETA & KLINGER, p. 351
 1989 *Heteroceras bifurcatum* - CONTE, fig. 3 on p. 22 (=KILIAN, 1889b, pl. III, fig. 3)
 1989 *Heteroceras* cf. *bifurcatum* - CONTE, p. 39, fig. 8 on p. 41
 1998 *Heteroceras bifurcatum* - DELANOY, p. 43, pl. 39, fig. 3 (=D'ORBIGNY, 1851, pl. 3, fig. 3), fig. 4 (=D'ORBIGNY, 1851, pl. 3, fig. 2, 3)

***Heteroceras blaronense* DELANOY & BERT, 2006**

- *2006 *Heteroceras blaronense* - DELANOY & BERT, p. 256, pl. 2, fig. 1

***Heteroceras? botevense* (DIMITROVA, 1967)**

- 1914 *Hamulina* cfr. *Quenstedti* - ZWIERZYCKI, p. 79, pl. X, fig. 1
 *1967 *Anahamulina botevensis* - DIMITROVA, p. 80, pl. XXXIX, fig. 1

***Heteroceras buloti* DELANOY & BERT, 2006**

- *2006 *Heteroceras buloti* - DELANOY & BERT, p. 269, pl. 2, fig. 5, 6

***Heteroceras? capellini* (MATHERON, 1880)**

- *1880 *Ancyloceras Capellini* Coquand, in collection - MATHERON, pl. C-24, fig. 1a, 1b
 1900 *Ancyloceras* (?) *Capellini* - SIMIONESCU, p. 511
 1910b *Heteroceras Capellini* - KILIAN, p. 247
 1989 *Ancyloceras* (?) *capellini* - CONTE, p. 39

***Heteroceras couletti* DELANOY, 1995**

- ?1860 *Toxoceras obliquatum* - OOSTER, p. 70
 1863 *Anisoceras obliquatum* - PICTET, p. 5, pl. 1, fig. 1a, 1b, 1c, 1d, 1e (specimen lost)
 1992 *Heteroceras* aff. *obliquatum* - DELANOY, p. 122, pl. 35, fig. 1, 2a, 2b, 3a, 3b
 1994 *Heteroceras couletti* - DELANOY, p. 547, text-fig. 2: 1 (nomen nudum)
 1994 *Heteroceras couletti* - DELANOY & MAGNIN, p. 845, text-fig. 2: 1 (nomen nudum)
 *1995 *Heteroceras couletti* - DELANOY, p. 296, pl. 2, fig. 1, pl. 8, fig. 1, 2, pl. 9, fig. 1, 2
 1998 *Heteroceras couletti* - DELANOY, p. 44, pl. 10, fig. 1 (=DELANOY, 1995, pl. 9, fig. 1), fig. 2, 3, fig. 4 (=DELANOY, 1995, pl. 8, fig. 2), pl. 11, fig. 1a, fig. 1b (=DELANOY, 1995, pl. 2, fig. 1), fig. 2 (=DELANOY, 1995, pl. 9, fig. 2), fig. 3, 4, 5, pl. 12, fig. 3 (=DELANOY, 1992, pl. 35, fig. 1), fig. 4a, 4b (=DELANOY, 1992, pl. 35, fig. 3b, 3a), fig. 4c, 6, pl. 13, fig. 1 (=DELANOY, 1995, pl. 8, fig. 1), fig. 2a, 2b (=DELANOY, 1992, pl. 35, fig. 2a, 2b), pl. 14, fig. 1, 2, 3, pl. 40, fig. 2a, 2b, pl. 48, fig. 1, 3, text-fig. 12, 13, 14, 15, 16, 17, 18, table 5
 1998 *Heteroceras* aff. *couletti* - DELANOY, pl. 39, fig. 2
 non1998 *Heteroceras couletti* - ROLOLO et al., fig. D (=DELANOY, 1998, pl. 26, fig. 1) (= *Heteroceras imericum*)
 2000b *Heteroceras couletti* - DELANOY et al., text-fig. on p. 29 (=DELANOY, 1995, pl. 8, fig. 1)
 2000 *Heteroceras couletti* - DELANOY & EBBO, p. 8, pl. 3, fig. 1, table 2

- *2006 *Heteroceras demandolxense* - DELANOY & BERT, p. 267, pl. 1, fig. 5

***Heteroceras devii* ROUCHADZE, 1933**

- *1933 *Heteroceras Devii* - ROUCHADZE, p. 231, pl. XIII, fig. 3, text-fig. 35, non pl. XV, fig. 1¹³⁴
(=*Colchidites longus*)
1975 *Heteroceras devii* - KAKABADZE, p. 87, pl. I, fig. 2, pl. II, fig. 3 (=ROUCHADZE, 1933, pl. XIII, fig. 3), pl. VIII, fig. 1 (=ROUCHADZE, 1933, text-fig. 35)
1986 *Heteroceras devii* - AGUIRRE-URRETA & KLINGER, p. 351

***Heteroceras emericianum* (D'ORBIGNY, 1842)¹³⁵**

- *1842 *Turrelites Emericianus* - D'ORBIGNY, p. 580, pl. 141, fig. 3, 4, 5, 6
1850 *Heteroceras Emericianus* - D'ORBIGNY, p. 102, n° 653
1851 *Heteroceras Emerici* - D'ORBIGNY, p. 220, pl. 3, fig. 1
1854 *Heteroceras Emericianus* - PICTET, p. 714, pl. LVI, fig. 11 (=D'ORBIGNY, 1851, pl. 3, fig. 1)
1859 *Heteroceras Emerici* - CHENU, p. 96, fig. 423 (=D'ORBIGNY, 1851, pl. 3, fig. 1)
1880 *Heteroceras Emerici* - WRIGHT, p. 259, fig. 178 (=D'ORBIGNY, 1851, pl. 3, fig. 1)
?1964 *Anahamulina picteti* - NIKOLOV, p. 127, pl. IV, fig. 5, pl. V, fig. 3
?1964 *Anahamulina silesiaca* - NIKOLOV, p. 127, pl. IV, fig. 4
1971 *Colchidites emeric* - KAKABADZE, p. 48, pl. III, fig. 2 (=D'ORBIGNY, 1851, pl. 3, fig. 1)
?1976 *Heteroceras (Heteroceras) sp. aff. astieri* - OBATA et al., p. 130, pl. 1, fig. 4a, 4b, 7, text-fig. 5
1983 *Heteroceras (Heteroceras) aff. H. (H.) astieri* - MATSUKAWA, pl. 1, fig. 6a, 6b, 6c, 6d
?1984 *Heteroceras (Heteroceras) aff. Heteroceras astieri* - OBATA et al., pl. 3, fig. 1a, 1b, 1c, 1d (=OBATA et al., 1976, pl. 1, fig. 4a, 4b, 7)
1986 *Heteroceras emericianum* - AGUIRRE-URRETA & KLINGER, p. 351
?1991 *Heteroceras cf. astieri* - KAKABADZE & THIEULOY, p. 95, pl. 3, fig. 5, 6
1995 *Heteroceras emeric* - DELANOY, p. 290, pl. 1, fig. 1
1998 *Heteroceras emeric* - DELANOY, p. 51, pl. 31, fig. 3, pl. 39, fig. 5 (=D'ORBIGNY, 1851, pl. 3, fig. 1), fig. 6 (=D'ORBIGNY, 1851, pl. 3, fig. 1), pl. 40, fig. 3, pl. 40, fig. 13a, 13b, 13c (=D'ORBIGNY, 1842, pl. 141, fig. 3, 5, 4), fig. 14a, 14b, 14c (=D'ORBIGNY, 1842, pl. 141, fig. 3, 4, 5)
1998 *Heteroceras emeric* *morphe emeric* - DELANOY, p. 53, pl. 15, fig. 1 (=DELANOY, 1995, pl. 1, fig. 1), pl. 18, fig. 1, pl. 36, fig. 5, 6, pl. 42, fig. 2, pl. 43, fig. 1, pl. 49, fig. 1, 2, 3, 4, pl. 50, fig. 1
1998 *Heteroceras emeric* *morphe emeric-imericum* - DELANOY, pl. 31, fig. 2
1998 *Heteroceras emeric* *morphe emeric-leenhardtii* - DELANOY, pl. 36, fig. 3, 4
1998 *Turrelites emericianum* - DELANOY, pl. 40, fig. 13a, 13b, 13c (=D'ORBIGNY, 1842, pl. 141, fig. 3, 4, 5), fig. 14a, 14b, 14c (syntypes of D'ORBIGNY)
?1998 *Heteroceras gr. emeric* - DELANOY, pl. 21, fig. 2, pl. 23, fig. 3, pl. 32, fig. 2
1998 *Heteroceras gr. emeric* - ARNAUD et al., pl. 6, fig. 4 (=DELANOY, 1998, pl. 23, fig. 3), fig. 5 (=DELANOY, 1998, pl. 32, fig. 2), pl. 7, fig. 1 (=DELANOY, 1998, pl. 21, fig. 2)
2006 *Heteroceras emericianum* - DELANOY in GAUTHIER, p. 167, pl. 23, fig. 6a, 6b, 7a, 7b, 8a, 8b, 9a, 9b

¹³⁴ Error in the text.

¹³⁵ See DELANOY, 1998, p. 51 for an extensive discussion about this species.

***Heteroceras emericianum costatum* (ROUCHADZE, 1933)**

- *1933 *Colchidites costatus* - ROUCHADZE, p. 242, pl. XV, fig. 3
1971 *Colchidites emericus costata* - KAKABADZE, p. 49, pl. III, fig. 1 (=ROUCHADZE, 1933, pl. XV, fig. 3)
1986 *Heteroceras emericianum* var. *costata* - AGUIRRE-URRETA & KLINGER, p. 351

***Heteroceras eristavii* KAKABADZE, 1975**

- *1975 *Heteroceras eristavii* - KAKABADZE, p. 90, pl. IV, fig. 1a, 1b, 3, pl. V, fig. 5, pl. VIII, fig. 7a, 7b, 7b
1986 *Heteroceras eristavii* - AGUIRRE-URRETA & KLINGER, p. 352
2005 *Heteroceras (Heteroceras) eristavii* - KAKABADZE in KOTETISHVILI et al., p. 367, pl. 87, fig. 6a, 6b (=KAKABADZE, 1975, pl. IV, fig. 1a, 1b)

***Heteroceras fuhrae* DELANOY, 1998**

- *1998 *Heteroceras fuhrae* - DELANOY, p. 87, pl. 47, fig. 4a, 4b, 5a, 5b, text-fig. 54, 55, table 11

***Heteroceras gonneti* DELANOY, 1998**

- *1998 *Heteroceras gonneti* - DELANOY, p. 90, pl. 26, fig. 4, pl. 37, fig. 2, 3, 4, 5, text-fig. 56, table 12
1998 *Heteroceras* sp. nov.? aff. *gonneti* - DELANOY, p. 91, pl. 30, fig. 3, text-fig. 57, table 13

***Heteroceras? haugi* KARAKASCH, 1907**

- 1889 *Heteroceras* sp. indet. - HAUG, p. 222(30), pl. XIII(VI), fig. 1
*1907 *Heteroceras Haugi* - KARAKASCH, p. 144, pl. XXVI, fig. 2
1986 *Heteroceras haugi* - AGUIRRE-URRETA & KLINGER, p. 352

***Heteroceras helicoceroides* (KARSTEN, 1858)**

- *1858 *Lindigia helicoceroides* - KARSTEN, p. 103, pl. I, fig. 5a, 5b, 5c
1886 *Lindigia helicoceroides* - KARSTEN, p. 27, pl. I, fig. 5a, 5b, 5c (=KARSTEN, 1858, pl. I, fig. 5a, 5b, 5c)
1910b *Lindigia helicoceroides* - KILIAN, p. 275
1945b *Heteroceras helicoceroides* - ROYO Y GOMEZ, p. 466, fig. 3
1970 *Heteroceras (Heteroceras)* cf. *helicoceroides* - JELETZKY, pl. XXIV, fig. 5a, 5b, 10a, 10b, 10c
1986 *Heteroceras helicoceroides* - AGUIRRE-URRETA & KLINGER, p. 352
1998 *Lindigia helicoceroides* - DELANOY, pl. 39, fig. 7 (=KARSTEN, 1858, pl. I, fig. 5a, 5b, 5c)

***Heteroceras imericum* ROUCHADZE, 1933**

- 1889a *Heteroceras Astieri* - KILIAN, p. 687, pl. XXI, fig. 1a, 1b
*1933 *Heteroceras imericum* - ROUCHADZE, p. 230, pl. XIII, fig. 1, 2, text-fig. 34, non pl. XIV, fig. 2, 3¹³⁶
1937 *Heteroceras Astieri* - MAZENOT, p. 23 (=KILIAN, 1889a, pl. XXI, fig. 1a, 1b)
1975 *Heteroceras astieri* - KAKABADZE, p. 86, pl. I, fig. 1a, 1b, pl. II, fig. 1 (=KILIAN, 1889a, pl. XXI, fig. 1a), pl. VIII, fig. 2
1992 *Heteroceras imericum* - DELANOY, p. 120, pl. 36, fig. 1
1995 *Heteroceras imericum* - DELANOY, p. 290, pl. 3, fig. 2

¹³⁶ Error in the text.

- 1998 *Heteroceras emerici* morphe *imericum* - DELANOY, p. 53, pl. 15, fig. 2, pl. 17, fig. 1, 2, 3, 4, pl. 18, fig. 2, pl. 24, fig. 1, pl. 26, fig. 1, pl. 29, fig. 1, pl. 31, fig. 1, pl. 32, fig. 1, pl. 35, fig. 1 (=DELANOY, 1992, pl. 36, fig. 1), fig. 3, pl. 42, fig. 1, pl. 43, fig. 2, 3, 4a, 4b, 5, 6, pl. 44, fig. 2, 3, pl. 46, fig. 6 (=DELANOY, 1995, pl. 3, fig. 2), fig. 8a, 8b (=KILIAN, 1889a, pl. XXI, fig. 1a)
- 1998 *Heteroceras emerici* morphe *imericum-tardieu* - DELANOY, pl. 5, fig. 1, pl. 17, fig. 5
- 1998 *Heteroceras emerici* morphe *imericum-imerici* - DELANOY, pl. 30, fig. 1, pl. 44, fig. 1
- 1998 *Heteroceras couletti* - ROLOLO et al., fig. D (=DELANOY, 1998, pl. 26, fig. 1)
- 1998 *Heteroceras emerici* morph *imericum* - ROLOLO et al., fig. A
- 2005 *Heteroceras (Heteroceras) astieri* - KAKABADZE in KOTETISHVILI et al., p. 366, pl. 87, fig. 1 (=ROUCHADZE, 1933, pl. XIII, fig. 1)

***Heteroceras isocostata* KAKABADZE, 1975**

- *1975 *Heteroceras isocostata* - KAKABADZE, p. 91, pl. IV, fig. 5a, 5b
- 1986 *Heteroceras isocostata* - AGUIRRE-URRETA & KLINGER, p. 352

***Heteroceras jeletzkyi* MURPHY, 1975**

- *1975 *Heteroceras jeletzkyi* - MURPHY, p. 36, pl. 7, fig. 4, text-fig. 21
- 1986 *Heteroceras jeletzkyi* - AGUIRRE-URRETA & KLINGER, p. 352

***Heteroceras kotetishviliae* KAKABADZE, 1975**

- 1970 *Heteroceras* sp. ind. - KOTETISHVILI, p. 77, pl. IX, fig. 4
- *1975 *Heteroceras kotetishviliae* - KAKABADZE, p. 88, pl. I, fig. 4 (=KOTETISHVILI, 1970, pl. IX, fig. 4)
- 1986 *Heteroceras kotetishviliae* - AGUIRRE-URRETA & KLINGER, p. 352
- 2005 *Heteroceras (Heteroceras) kotetishviliae* - KAKABADZE in KOTETISHVILI et al., p. 368, pl. 85, fig. 2 (=KOTETISHVILI, 1970, pl. IX, fig. 4)

***Heteroceras leenhardtii* KILIAN, 1889**

- *1889a *Heteroceras Leenhardtii* - KILIAN, p. 688, pl. XX, fig. 3, pl. XXI, fig. 2
- 1889b *Heteroceras Leenhardtii* - KILIAN, p. 435(193)
- ?1898a *Heteroceras Leenhardtii* - SIMIONESCU, p. 148(92), pl. VIII, fig. 1
- 1937 *Heteroceras Leenhardtii* - MAZENOT, p. 23 (=KILIAN, 1889a, pl. XX, fig. 3)
- 1971 *Colchidites leenhardtii* - KAKABADZE, p. 52, pl. III, fig. 3 (=KILIAN, 1889a, pl. XX, fig. 3)
- 1986 *Colchidites leenhardtii* - AGUIRRE-URRETA & KLINGER, p. 353
- 1998 *Heteroceras emerici* morphe *leenhardtii* - DELANOY, p. 53, pl. 3, fig. 1, pl. 8, fig. 4, pl. 12, fig. 12a, pl. 16, fig. 1, pl. 20, fig. 1, pl. 21, fig. 1, pl. 23, fig. 1, pl. 33, fig. 4, pl. 38, fig. 1, fig. 2 (=KILIAN, 1889a, pl. XX, fig. 3), fig. 3, fig. 4a, 4b, 4c, 4d (=KILIAN, 1889a, pl. XXI, fig. 2), pl. 41, fig. 1

***Heteroceras monmothoi* (SARKAR, 1955)**

- *1955 *Aspinoceras monmothoi* - SARKAR, p. 129, pl. X, fig. 3
- 1998 *Heteroceras monmothoi* - DELANOY, p. 94, pl. 21, fig. 3a, fig. 3b (=SARKAR, 1955, pl. X, fig. 3), table 14

***Heteroceras moriezense* DELANOY, 1998**

- *1998 *Heteroceras moriezense* - DELANOY, p. 80, pl. 47, fig. 1a, 1b, 1c, 2, pl. 48, fig. 4, 5, text-fig. 50, 51, table 8

- 1998 *Heteroceras* aff. *moriezense* - DELANOY, p. 83, pl. 12, fig. 5, pl. 30, fig. 2, text-fig. 52, table 9
- 2006 *Heteroceras moriezense* - DELANOY & BERT, p. 261, pl. 1, fig. 3 (=DELANOY, 1998, pl. 47, fig. 1b)
- 2006 *Heteroceras moriezense* morphe *vasiceki* - DELANOY & BERT, p. 261, pl. 1, fig. 4
- 2006 *Heteroceras moriezense* morphe *castellumense* - DELANOY & BERT, p. 262, pl. 1, fig. 1
- 2006 *Heteroceras moriezense* morphe *avrami* - DELANOY & BERT, p. 264, pl. 1, fig. 2
- ?2006 *Heteroceras* sp. ? gr. *moriezense* - DELANOY & BERT, p. 266, pl. 2, fig. 2

***Heteroceras moulladei* DELANOY & BERT, 2006**

- 1998 *Heteroceras* sp. (forme 8) - DELANOY, p. 113, pl. 41, fig. 2
- *2006 *Heteroceras moulladei* - DELANOY & BERT, p. 270, pl. 7, fig. 1 (=DELANOY, 1998, pl. 41, fig. 2)

***Heteroceras rawsoni* DELANOY & BERT, 2006**

- 1998 *Heteroceras* sp. (forme 7) - DELANOY, p. 106, pl. 47, fig. 7
- *2006 *Heteroceras rawsoni* - DELANOY & BERT, p. 259, pl. 2, fig. 3, 4

***Heteroceras? rotatum* (SIMONOVICH, BATSEVICH & SOROKIN, 1875)**

- *1875 *Toxoceras rotatus* - SIMONOVICH, BATSEVICH & SOROKIN, p. 175, pl. V, fig. 2a, 2b

***Heteroceras spectabile* REYNÈS, 1876**

- *1876 *Heteroceras spectabile* - REYNÈS, p. 107
- 1990 *Heteroceras spectabile* - DELANOY & BULOT, p. 18, pl. 2, fig. 2, 3

***Heteroceras tardieui* KILIAN, 1889**

- *1889b *Heteroceras Tardieui* - KILIAN, p. 433(197), pl. 4
- 1889 *Heteroceras* cf. *Tardieui* - HAUG, p. 222(30)
- ?1898 *Heteroceras* cf. *Tardieui* - SIMIONESCU, p. 149(93)
- 1910b *Heteroceras Tardieui* - KILIAN, pl. 7, fig. 3 (=KILIAN, 1889b, pl. IV)
- 1935 *Heteroceras Tardieui* - ROMAN, p. 30, text-fig. 6
- 1938 *Heteroceras Astieri* - ROMAN, p. 357, pl. XXXV, fig. 339 (=KILIAN, 1889b, pl. IV)
- 1952b *Heteroceras astieri* - BASSE, p. 609, pl. III, fig. 8 (=KILIAN, 1889b, pl. IV)
- 1957 *Heteroceras tardieui* - ARKELL et al., p. L212, fig. 241: 4 (=KILIAN, 1889b, pl. IV)
- 1980 *Heteroceras tardieui*- THOMEL, p. 54, fig. 94 (=KILIAN, 1889b, pl. IV)
- 1986 *Heteroceras tardieui* - AGUIRRE-URRETA & KLINGER, p. 352
- 1989 *Heteroceras tardieui* - CONTE, p. 39, fig. 2 on p. 40
- ?1989 *Heteroceras* ? sp. formes A et B - CONTE, p. 39, fig. 3, 4 on pl. 40
- 1992 *Heteroceras* aff. *tardieui* - DELANOY, p. 123, pl. 38, fig. 7
- 1996 *Heteroceras tardieui* - WRIGHT et al., p. 227, fig. 178: 4 (=KILIAN, 1889b, pl. IV)
- 1998 *Heteroceras emericici* morphe *tardieui* - DELANOY, p. 55, pl. 9, fig. 1, pl. 15, fig. 3, pl. 19, fig. 1, pl. 22, fig. 1 (=KILIAN, 1889b, pl. IV), pl. 23, fig. 2, pl. 27, fig. 1, pl. 29, fig. 2, pl. 33, fig. 1, pl. 34, fig. 1, 2, 3, pl. 35, fig. 2, pl. 37, fig. 1
- 2000b *Heteroceras emericici* - DELANOY et al., fig. on pl. 17 lower right (=DELANOY, 1998, pl. 37, fig. 1)

***Heteroceras tskaltuboensis* KAKABADZE, 1975**

- 1938a *Colchidites* sp. ind. - ROUCHADZE, p. 148, pl. VI, fig. 4, text-fig. 19, non pl. IV, fig. 4 (= *Colchidites kakhadzei*)¹³⁷
- *1975 *Heteroceras tskaltuboensis* - KAKABADZE, p. 87, pl. II, fig. 2 (=ROUCHADZE, 1938a, pl. VI, fig. 4), pl. VIII, fig. 3
- 1986 *Heteroceras tskaltuboensis* - AGUIRRE-URRETA & KLINGER, p. 352

***Heteroceras vermiforme* ROUCHADZE, 1933**

- *1933 *Heteroceras vermiforme* - ROUCHADZE, p. 233, pl. XIII, fig. 5, non pl. XV, fig. 3 (= *Colchidites costatus*)¹³⁸
- 1975 *Heteroceras vermiforme* - KAKABADZE, p. 90, pl. III, fig. 6 (=ROUCHADZE, 1933, pl. XIII, fig. 5), fig. 7, 8, pl. IV, fig. 2a, 26
- 1986 *Heteroceras vermiforme* - AGUIRRE-URRETA & KLINGER, p. 352

***Colchidites* DJANÉLIDZÉ, 1926¹³⁹**
(1926, p. 254)

=***Santandericeras*** ROYO Y GOMEZ, 1945b, p. 468. TYPE SPECIES: *Heteroceras* (*Santandericeras*) *apolinari* ROYO Y GOMEZ, 1945b, p. 468, pl. LXXIV, fig. 1a, 1b (OD).

TYPE SPECIES: *Colchidites colchicus* DJANÉLIDZÉ, 1926, p. 258, pl. I, fig. 1 (MT).

INCLUDED (SUB)SPECIES:

<i>amplexus</i> -	RENNGARTEN, 1951, p. 57 (nomen nudum)
<i>apolinari</i> -	ROYO Y GOMEZ, 1945b, p. 468, pl. LXXIV, fig. 1a, 1b (HT by OD) (specimen lost) (neotype ETAYO-SERNA, 1968, p. 59, pl. II, fig. 1, 2)
<i>atsharensis</i> -	ROUCHADZE, 1933, p. 246, pl. XVII, fig. 2, text-fig. 46 (HT by MT)
<i>belaiaensis</i> -	KAKABADZE, 1971, p. 66, pl. XV, fig. 2a, 26, 2b (HT by OD)
<i>bethleviensis</i> -	KAKABADZE, 1971, p. 56, pl. V, fig. 4a, 46, 4b, text-fig. 24, 25 (HT by OD)
<i>breistrofferi</i> -	KAKABADZE & THIEULOY, 1991, p. 97, pl. 6, fig. 1, 2 (HT by OD)
<i>colchicus</i> -	DJANÉLIDZÉ, 1926, p. 258, pl. I, fig. 1 (LT designated by ROUCHADZE, 1933, p. 249)
<i>colchicus renngarteni</i> -	ROUCHADZE, 1938a, pl. V, fig. 4, text-fig. 20 (HT by MT)
<i>colleti</i> -	ROUCHADZE, 1933, p. 249, pl. XVIII, fig. 2, text-fig. 48 (LT designated by KAKABADZE, 1971, p. 69)
<i>colleti sahariensis</i> -	ROUCHADZE, 1938a, p. 152, pl. VI, fig. 3 (LT designated by KAKABADZE, 1971, p. 70)
<i>costatus</i> -	ROUCHADZE, 1933, p. 242, pl. XV, fig. 3 (LT by KAKABADZE, 1971, p. 49)

¹³⁷ Numbers of plate IV and VI are exchanged.

¹³⁸ In ROUCHADZE, 1933 the mentioned numbers of the plates and figures of the species in the text often do not correspond with the numbers of the plates and figures.

¹³⁹ EGOIAN, 1976 in his thesis (manuscript) proposed two new genera for the group of *Colchidites intermedius*: *Epiheteroceras*, *Eocolchidites* and in EGOIAN, 1977 (manuscript) two new genera *Epicolchidites* and *Paracolchidites*, all nomina nuda, as his new subfamily Epicolchiditinae.

<i>cuneicostatus</i> -	KAKABADZE, 1971, p. 57, pl. VIII, fig. 2a, 2b, 2b (HT by OD)
<i>djanelidzei</i> -	ROUCHADZE, 1933, p. 247, pl. XVII, fig. 1, text-fig. 47 (HT by MT)
<i>elissoae</i> -	KAKABADZE, 1971, p. 60, pl. V, fig. 3, text-fig. 28, 29 (HT by OD)
<i>eristavii</i> -	KOTETISHVILI, 1970, p. 80, pl. XII, fig. 3a, 3b, 3c (HT by OD)
<i>guanensis</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 90, pl. 73, fig. 1 (HT by OD)
<i>intermedius</i> -	DJANÉLIDZÉ, 1926, p. 255, text-fig. 14 (HT by MT)
<i>kakhadzei</i> -	ROUCHADZE, 1938a, p. 153, pl. VI, fig. 4, text-fig. 23 (HT by MT)
<i>kutatisiensis</i> -	KAKABADZE, 1971, p. 53, pl. V, fig. 1, text-fig. 21a, 21b, 21b (HT by OD)
<i>lachepeaensis</i> -	ROUCHADZE, 1933, p. 245, p. XVI, fig. 2 (HT by MT)
<i>legibilis</i> -	RENNGARTEN, 1951, p. 57 (nomen nudum)
<i>longicostatus</i> -	KAKABADZE, 1971, p. 71, pl. XIX, fig. 6 (HT by OD)
<i>longus</i> -	ROUCHADZE, 1933, p. 240, pl. XIV, fig. 7 (LT designated by KAKABADZE, 1971, p. 50)
<i>multicostatus</i> -	KAKABADZE, 1971, p. 67, pl. XII, fig. 3a, 3b, 3b, text-fig. 38 (HT by OD)
<i>multifurcatus</i> -	RENNGARTEN, 1951, p. 57 (nomen nudum)
<i>naltschikensis</i> -	RENNGARTEN, 1951, p. 57 (nomen nudum)
<i>nicortsmindensis</i> -	ROUCHADZE, 1933, p. 255, pl. XX, fig. 7 (LT designated by TOVBINA, 1963, p. 110)
<i>parvituberculatus</i> -	EGOIAN, 1977, p. 29 (nomen nudum)
<i>phasiensis</i> -	ROUCHADZE, 1938a, p. 151, pl. V, fig. 5 (LT designated by KAKABADZE, 1971, p. 56)
<i>pseudovulanensis</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 90, pl. 76, fig. 1 (HT by OD)
<i>ratshensis</i> -	ROUCHADZE, 1933, p. 254, pl. XX, fig. 6 (LT designated by KAKABADZE, 1971, p. 72)
<i>ratshensis kopetdaghensis</i> -	TOVBINA, 1963, pl. III, fig. 6 (HT by OD)
<i>riosuarezi</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 88, pl. 68, fig. 1 (HT by OD)
<i>rotundus</i> -	ROUCHADZE, 1933, p. 241, pl. XV, fig. 2, text-fig. 42 (HT by MT)
<i>rouchadzei</i> -	ERISTAVI, 1955, p. 121 (HT by OD ROUCHADZE, 1933, pl. XIV, fig. 6)
<i>securiformis</i> -	SIMONOVICH, BATSEVICH & SOROKIN, 1875, p. 166 (LT requested) ¹⁴⁰
<i>shaoriensis</i> -	DJANÉLIDZÉ, 1926, p. 146 (LT requested) ¹⁴¹
<i>striatocostatus</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 92, pl. 73, fig. 2a, 2b, 2c (HT by OD)
<i>tenuicostatus</i> -	KAKABADZE, 1971, p. 82, pl. XVII, fig. 2 (HT by OD)
<i>tinae</i> -	KAKABADZE, 1971, p. 52 (LT requested) ¹⁴²

¹⁴⁰ KAKABADZE, 1971, p. 81 designated as holotype the specimen with the collectionnumber N° 36/1236 without referring to a picture.

¹⁴¹ KAKABADZE, 1971, p. 79 designated as holotype the specimen with the collectionnumber N° 3/10484 without referring to a picture. This is probably pl. IV, fig. 2 of DJANÉLIDZÉ, 1926.

¹⁴² KAKABADZE, 1971, p. 52 designated as holotype the specimen with the collectionnumber N° 370/45 without referring to a picture. This is probably pl. IV, fig. 11 of ERISTAVI, 1955.

- tovbinae* - KAKABADZE, 1971, p. 80 (HT by OD ROUCHADZE, 1933, p. 244, pl. XVI, fig. 1, text-fig. 44)
- trifurcatus* - KAKABADZE, 1971, p. 66, pl. XII, fig. 4a, 4b, text-fig. 37 (HT by OD)
- veleurensis* - KAKABADZE, 1971, p. 83, pl. XIX, fig. 5, text-fig. 55 (HT by OD)

***Colchidites amplexus* RENNGARTEN, 1951**

- *1951 *Colchidites amplexus* - RENNGARTEN, p. 57 (nomen nudum)

***Colchidites apolinari* (ROYO Y GOMEZ, 1945)**

- *1945b *Heteroceras (Santandiceras) apolinari* - ROYO Y GOMEZ, p. 468, pl. LXXIV, fig. 1a, 1b, pl. LXXV, fig. 1, text-fig. 4, 5
- 1968 *Colchidites (Colchidites) apolinarii* - ETAYO-SERNA, p. 59, pl. I, fig. 4, 6, pl. II, fig. 1, 2, text-fig. 3b, 4(4)
- 1971 *Colchidites apolinarii* - KAKABADZE, p. 59, pl. IX, fig. 1a, 1b (=ROYO Y GOMEZ, 1945b, pl. LXXXIV, fig. 1a, 1b)
- 1986 *Colchidites apolinarii* - AGUIRRE-URRETA & KLINGER, p. 352
- 1991 *Colchidites apolinari* - KAKABADZE & THIEULOY, p. 96, pl. 5, fig. 6, pl. 6, fig. 10, 11, text-fig. 12¹⁴³
- 2004 *Colchidites apolinari* - KAKABADZE & HOEDEMAEKER, p. 86, pl. 69, fig. 1, pl. 75, fig. 1, pl. 76, fig. 2a, 2b, 2c

***Colchidites atsharensis* ROUCHADZE, 1933**

- *1933 *Colchidites atsharensis* - ROUCHADZE, p. 246, pl. XVII, fig. 2, text-fig. 46
- 1955 *Colchidites atsharensis* - ERISTAVI, p. 126
- 1971 *Colchidites atsharensis* - KAKABADZE, p. 76, pl. IX, fig. 4, pl. XVIII, fig. 2a (=ROUCHADZE, 1933, pl. XVII, fig. 2), fig. 26, text-fig. 46
- 1986 *Colchidites atsharensis* - AGUIRRE-URRETA & KLINGER, p. 352

***Colchidites belaiensis* KAKABADZE, 1971**

- *1971 *Colchidites belaiensis* - KAKABADZE, p. 66, pl. XV, fig. 2a, 2b, 2b
- 1986 *Colchidites belaiensis* - AGUIRRE-URRETA & KLINGER, p. 352

***Colchidites bethleviensis* KAKABADZE, 1971**

- *1971 *Colchidites bethleviensis* - KAKABADZE, p. 56, pl. V, fig. 4a, 4b, 4b, text-fig. 24, 25
- 1986 *Colchidites bethleviensis* - AGUIRRE-URRETA & KLINGER, p. 352

***Colchidites breistrofferi* KAKABADZE & THIEULOY, 1991**

- *1991 *Colchidites breistrofferi* - KAKABADZE & THIEULOY, p. 97, pl. 5, fig. 7, pl. 6, fig. 1, 2, 3, 4, 5, 6, 7, 8, 9, text-fig. 13a, 13b, 13c, 13d, 13e, 13f
- 1997 *Colchidites breistrofferi* - KAKABADZE & HOEDEMAEKER, p. 81, pl. 14, fig. 5a, 5b, ?pl. 14, fig. 4a, 4b, 6a, 6b, ?pl. 15, fig. 1a, 1b, 2a, 2b
- 2000b *Colchidites breistrofferi* - PATARROYO, pl. I, fig. 9, 10

¹⁴³ ETAYO-SERNA, 1968 designated a neotype because the holotype is lost. In the view of KAKABADZE & THIEULOY, 1991 the neotype of ETAYO-SERNA is not a *Colchidites apolinari* and they designated another neotype. KAKABADZE & HOEDEMAEKER, 2004 however regard the neotype of ETAYO-SERNA as a synonym of *Colchidites apolinari* but hold on to the neotype of KAKABADZE & THIEULOY, 1991.

- 2004 *Colchidites breistrofferi* - KAKABADZE & HOEDEMAEKER, p. 89, pl. 71, fig. 1a, 1b, 2
 2004 *Colchidites cf. breistrofferi* - KAKABADZE & HOEDEMAEKER, p. 89, pl. 7, fig. 1

***Colchidites colchicus* DJANÉLIDZÉ, 1926**

- *1926 *Colchidites colchicus* - DJANÉLIDZÉ, p. 258, pl. I, fig. 1
 1933 *Colchidites* cfr. *colchicus* - ROUCHADZE, p. 248, pl. XVIII, fig. 1
 ?1955 *Colchidites colchicus* - ERISTAVI, p. 122
 1958 *Colchidites colchicus* - DRUSHCHITS & ERISTAVI, p. 105, pl. XLIX, fig. 4 (=DJANÉLIDZÉ, 1926, pl. I, fig. 1), non fig. 5 (=Colchidites sp.)
 1962 *Colchidites colchicus* - BODYLEVSKY, p. 124, pl. LXIII, fig. 1
 ?1970 *Colchidites colchicus* - KOTETISHVILI, p. 77, pl. XI, fig. 1
 1971 *Colchidites colchicus* - KAKABADZE, p. 54, pl. VI, fig. 1, fig. 2 (=DJANÉLIDZÉ, 1926, pl. I, fig. 1)
 ?1977 *Colchidites* cf. *colchicus* - MYCZYŃSKI, p. 160, pl. 6, fig. 3
 non1980 *Colchidites* aff. *C. colchicus* - BLASCO et al., p. 45, pl. I, fig. 1, 2, 3, 4, 5, 7, 8 (=Martelites vulanensis australis)
 1986 *Colchidites colchicus* - AGUIRRE-URRETA & KLINGER, p. 352
 1989 *Colchidites colchicus* - KOTETISHVILI, p. 548, fig. 3H (=DJANÉLIDZÉ, 1926, pl. I, fig. 1)
 1997 *Colchidites* sp. ex gr. *C. colchicus* - IMMEL et al., p. 174, pl. 8, fig. 5
 1998 *Heteroceras* aff. *colchicus* - DELANOY, p. 85, pl. 16, fig. 2, text-fig. 53, table 10
 1998 *Colchidites colchicus* - DELANOY, pl. 40, fig. 1 (=DJANÉLIDZÉ, 1926, pl. I, fig. 1)
 2005 *Colchidites colchicus colchicus* - KAKABADZE in KOTETISHVILI et al., p. 373, pl. 88, fig. 2 (=DJANÉLIDZÉ, 1926, pl. I, fig. 1)

***Colchidites colchicus renngarteni* ROUCHADZE, 1938**

- *1938a *Colchidites Renngarteni* - ROUCHADZE, p. 151, pl. V, fig. 4, text-fig. 20
 1955 *Colchidites colchicus* v. *renngarteni* - ERISTAVI, p. 122
 1970 *Colchidites renngarteni* - KOTETISHVILI, p. 78
 1971 *Colchidites colchicus renngarteni* - KAKABADZE, p. 55, pl. VII, fig. 1
 1986 *Colchidites colchicus* var. *renngarteni* - AGUIRRE-URRETA & KLINGER, p. 353

***Colchidites colleti* ROUCHADZE, 1933**

- *1933 *Colchidites Colleti* - ROUCHADZE, p. 249, pl. XVIII, fig. 2, text-fig. 48
 1955 *Colchidites colleti* - ERISTAVI, p. 122
 1970 *Colchidites colleti* - KOTETISHVILI, p. 78
 1971 *Colchidites colleti* - KAKABADZE, p. 69, pl. XIV, fig. 1, text-fig. 39 (=ROUCHADZE, 1933, pl. XVIII, fig. 2, text-fig. 48)
 1986 *Colchidites colleti* - AGUIRRE-URRETA & KLINGER, p. 352

***Colchidites colleti sahariensis* ROUCHADZE, 1938**

- *1938a *Colchidites sahariensis* - ROUCHADZE, p. 152, pl. VI, fig. 3, text-fig. 22
 1955 *Colchidites colleti* v. *sahariensis* - ERISTAVI, p. 122
 1971 *Colchidites* cf. *colleti sahariensis* - KAKABADZE, p. 70, pl. IX, fig. 3a (=ROUCHADZE, 1938a, pl. VI, fig. 3), fig. 36, pl. XVI, fig. 2
 1986 *Colchidites colleti* var. *shaoriensis* - AGUIRRE-URRETA & KLINGER, p. 353

***Colchidites costatus* ROUCHADZE, 1933**

- *1933 *Colchidites costatus* - ROUCHADZE, p. 242, pl. XV, fig. 3
 1955 *Colchidites costatus* - ERISTAVI, p. 121
 1965 *Colchidites* aff. *costatus* - EGOIAN, p. 118, pl. I, fig. 2, pl. II, fig. 4

- 1971 *Colchidites emerici costata* - KAKABADZE, p. 49, pl. III, fig. 1 (=ROUCHADZE, 1933, pl. XV, fig. 3)
 1989 *Colchidites emerici costatus* - KOTETISHVILI, p. 548, tex-fig. 3I (=ROUCHADZE, 1933, pl. XV, fig. 3)

***Colchidites cuneicostatus* KAKABADZE, 1971**

- *1971 *Colchidites cuneicostatus* - KAKABADZE, p. 57, pl. VIII, fig. 2a, 26, 2b, text-fig. 26a, 266, 26b, 26r, 27
 1986 *Colchidites cuneicostatus* - AGUIRRE-URRETA & KLINGER, p. 353
 2005 *Colchidites cuneicostatus* - KAKABADZE in KOTETISHVILI et al., p. 374, pl. 86, fig. 1a, 16 (=KAKABADZE, 1971, pl. VIII, fig. 2a, 26)

***Colchidites djanelidzei* ROUCHADZE, 1933**

- *1933 *Colchidites Djanelidzei* - ROUCHADZE, p. 247, pl. XVII, fig. 1, text-fig. 47
 1955 *Colchidites djanelidzei* - ERISTAVI, p. 126
 1971 *Colchidites djanelidzei* - KAKABADZE, p. 77, pl. XVIII, fig. 1a (=ROUCHADZE, 1933, pl. XVII, fig. 1), fig. 16, text-fig. 47
 1971 *Colchidites* aff. *djanelidzei* - KAKABADZE, p. 78, pl. XIX, fig. 1a, 16, text-fig. 48, 49
 1986 *Colchidites djanelidzei* - AGUIRRE-URRETA & KLINGER, p. 353
 1998 *Colchidites djanelidzei* - ROPOLLO et al., fig. B

***Colchidites elissoae* KAKABADZE, 1971**

- *1971 *Colchidites elissoae* - KAKABADZE, p. 60, pl. V, fig. 3, text-fig. 28, 29
 1986 *Colchidites elissoae* - AGUIRRE-URRETA & KLINGER, p. 353

***Colchidites eristavii* KOTETISHVILI, 1970**

- *1970 *Colchidites eristavii* - KOTETISHVILI, p. 80, pl. XII, fig. 3a, 3b, 3c
 1971 *Colchidites eristavii* - KAKABADZE, p. 59, pl. IX, fig. 2a, 26, 2b (=KOTETISHVILI, 1970, pl. XII, fig. 3a, 3c, 3b)
 1986 *Colchidites eristavii* - AGUIRRE-URRETA & KLINGER, p. 353
 1998 *Heteroceras eristavii* - DELANOY, p. 79, pl. 50, fig. 9

***Colchidites guanensis* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Colchidites guanensis* - KAKABADZE & HOEDEMAEKER, p. 90, pl. 17, fig. 1a, 1b, pl. 56, fig. 1, pl. 57, fig. 2a, 2b, 2c, pl. 72, fig. 1, pl. 73, fig. 1, pl. 74, fig. 1, text-fig. 12

***Colchidites intermedius* DJANÉLIDZÉ, 1926**

- *1926 *Colchidites intermedius* - DJANÉLIDZÉ, p. 255, text-fig. 14
 non1933 *Colchidites intermedius* - ROUCHADZE¹⁴⁴, p. 239, pl. XIV, fig. 6, text-fig. 40 (=Colchidites rouchadzei)
 1955 *Colchidites intermedius* - ERISTAVI, p. 120
 1971 *Colchidites intermedius* - KAKABADZE, p. 51, pl. IV, fig. 3 (=DJANÉLIDZÉ, 1926, fig. 14)
 1986 *Colchidites intermedius* - AGUIRRE-URRETA & KLINGER, p. 353

¹⁴⁴ In ROUCHADZE, 1933 the mentioned numbers of the plates and figures of the species in the text often do not correspond with the numbers of the plates and figures.

***Colchidites kakhadzei* ROUCHADZE, 1938**

- *1938a *Colchidites Kakhadzei* - ROUCHADZE, p. 153, pl. VI, fig. 4¹⁴⁵, text-fig. 23
1955 *Colchidites kakhadzei* - ERISTAVI, p. 124
1971 *Colchidites kakhadzei* - KAKABADZE, p. 61, pl. X, fig. 1a (=ROUCHADZE, 1938a, pl. VI, fig. 4), fig. 16, text-fig. 30
1986 *Colchidites kakhadzei* - AGUIRRE-URRETA & KLINGER, p. 353

***Colchidites kutatissiensis* KAKABADZE, 1971**

- *1971 *Colchidites kutatissiensis* - KAKABADZE, p. 53, pl. V, fig. 1, text-fig. 21a, 216, 21b
1986 *Colchidites kutatissiensis* - AGUIRRE-URRETA & KLINGER, p. 353

***Colchidites lachepaensis* ROUCHADZE, 1933**

- *1933 *Colchidites lachepaensis* - ROUCHADZE, p. 245, p. XVI, fig. 2
1955 *Colchidites rionensis* v. *lakhephaense* - ERISTAVI, p. 126

***Colchidites legibilis* RENNGARTEN, 1951**

- *1951 *Colchidites legibilis* - RENNGARTEN, p. 57 (nomen nudum)

***Colchidites longicostatus* KAKABADZE, 1971**

- *1971 *Colchidites longicostatus* - KAKABADZE, p. 71, pl. XIX, fig. 6, text-fig. 42
1986 *Colchidites longicostatusi* - AGUIRRE-URRETA & KLINGER, p. 353
2005 *Colchidites longicostatus* - KAKABADZE in KOTETISHVILI et al., p. 375, pl. 86, fig. 4 (=KAKABADZE, 1971, pl. XIX, fig. 6)

***Colchidites longus* ROUCHADZE, 1933**

- *1933 *Colchidites longus* - ROUCHADZE, p. 240, pl. XIV, fig. 7, pl. XV, fig. 1, text-fig. 41, non pl. XVI, fig. 4¹⁴⁶, pl. XVII, fig. 1 (=Colchidites djanelidzei)
1955 *Colchidites longus* - ERISTAVI, p. 120
1959 *Colchidites* cf. *longus* - ERISTAVI & EGOIAN, p. 43
1971 *Colchidites longus* - KAKABADZE, p. 50, pl. IV, fig. 4, text-fig. 20 (=ROUCHADZE, 1933, pl. XIV, fig. 7, text-fig. 41)
1986 *Colchidites longusi* - AGUIRRE-URRETA & KLINGER, p. 353

***Colchidites multicostatus* KAKABADZE, 1971**

- *1971 *Colchidites multicostatus* - KAKABADZE, p. 67, pl. XII, fig. 3a, 36, 3b, text-fig. 38
1986 *Colchidites multicostatus* - AGUIRRE-URRETA & KLINGER, p. 353

***Colchidites multifurcatus* RENNGARTEN, 1951**

- *1951 *Colchidites multifurcatus* - RENNGARTEN, p. 57 (nomen nudum)

***Colchidites naltshikensis* RENNGARTEN, 1951**

- *1951 *Colchidites naltshikensis* - RENNGARTEN, p. 57 (nomen nudum)

¹⁴⁵ In the copy of ROUCHADZE, 1938 that we consulted the numbers of plate IV and VI are exchanged.

¹⁴⁶ There is no pl. XVI, fig. 4.

***Colchidites? parvituberculatus* (EGOIAN, 1977)**

- *1977 *Paracolchidites parvituberculatus* - EGOIAN, p. 29 (nomen nudum)

***Colchidites phasiensis* ROUCHADZE, 1938**

- *1938a *Colchidites phasiensis* - ROUCHADZE, p. 151, pl. V, fig. 5, fig. 6, text-fig. 21
1955 *Colchidites colchicus* v. *phasiensis* - ERISTAVI, p. 122
1970 *Colchicus phasiensis* - KOTETISHVILI, p. 78, pl. XII, fig. 1
1971 *Colchidites colchicus phasiensis* - KAKABADZE, p. 56, pl. VIII, fig. 1 (=KOTETISHVILI, 1970, pl. XII, fig. 1)
1986 *Colchidites colchicus* var. *phasiensis* - AGUIRRE-URRETA & KLINGER, p. 352

***Colchidites pseudovulanensis* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Colchidites pseudovulanensis* - KAKABADZE & HOEDEMAEKER, p. 90, pl. 76, fig. 1

***Colchidites ratshensis* ROUCHADZE, 1933**

- *1933 *Colchidites ratshensis* - ROUCHADZE, p. 254, pl. XX, fig. 6
1933 *Colchidites nicortsmindensis* - ROUCHADZE, p. 255, pl. XX, fig. 7
1938a *Colchidites ratschensis* - ROUCHADZE, p. 152, pl. IV, fig. 6
1955 *Colchidites ratschensis* - ERISTAVI, p. 124
1955 *Colchidites ratshensis* v. *nicortsmindensis* - ERISTAVI, p. 124
1963 *Colchidites nicortsmindensis* - TOVBINA, p. 110, pl. III, fig. 5
1970 *Colchidites ratshensis* - KOTETISHVILI, p. 79, pl. X, fig. 3
1970 *Colchidites nicortsmindensis* - KOTETISHVILI, p. 79
1971 *Colchidites ratshensis* - KAKABADZE, p. 72, pl. XII, fig. 5a, 5b, pl. XIV, fig. 2, 4, 5, text-fig. 43, 44
1986 *Colchidites ratshensis* - AGUIRRE-URRETA & KLINGER, p. 354
1997 *Colchidites ratshensis* - IMMEL et al., pl. 8, fig. 11

***Colchidites ratshensis kopetdaghensis* TOVBINA, 1963**

- *1963 *Colchidites nicortsmindensis kopetdaghensis* - TOVBINA, p. 111, pl. III, fig. 6
1971 *Colchidites ratshensis kopetdaghensis* - KAKABADZE, p. 73, pl. XII, fig. 2 (=TOVBINA, 1963, pl. III, fig. 6) (new combination)
1986 *Colchidites ratshensis* var. *kopetdaghensis* - AGUIRRE-URRETA & KLINGER, p. 354

***Colchidites riosuarezi* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Colchidites riosuarezi* - KAKABADZE & HOEDEMAEKER, p. 88, pl. 56, fig. 2, pl. 68, fig. 1, pl. 70, fig. 1

***Colchidites rotundus* ROUCHADZE, 1933**

- *1933 *Colchidites rotundus* - ROUCHADZE, p. 241, pl. XV, fig. 2, text-fig. 42, non pl. XVI, fig. 3 (=Martelites latecostatus)
1955 *Colchidites rotundus* - ERISTAVI, p. 121
1960 *Colchidites rotundus* - DRUSHCHITS, p. 296, pl. XXXVII, fig. 2a, 2b
1971 *Colchidites rotundus* - KAKABADZE, p. 49, pl. III, fig. 4, text-fig. 19 (=ROUCHADZE, 1933, pl. XV, fig. 2, text-fig. 42)
1986 *Colchidites rotundus* - AGUIRRE-URRETA & KLINGER, p. 354

***Colchidites rouchadzei* ERISTAVI, 1955**

- 1933 *Colchidites intermedius* - ROUCHADZE, p. 239, pl. XIV, fig. 6, text-fig. 40
*1955 *Colchidites rouchadzei* - ERISTAVI, p. 121
1971 *Colchidites rouchadzei* - KAKABADZE, p. 51, pl. IV, fig. 1 (=ROUCHADZE, 1933, pl. XIV, fig. 6)
1986 *Colchidites rouchadzei* - AGUIRRE-URRETA & KLINGER, p. 354

***Colchidites securiformis* (SIMONOVICH, BATSEVICH & SOROKIN, 1875)**

- *1875 *Ammonites securiformis* - SIMONOVICH, BATSEVICH & SOROKIN, p. 166, pl. IV, fig. 3a, 3b, 3c
1938a *Colchidites securiformis* - ROUCHADZE, p. 150, pl. IV, fig. 5
1955 *Colchidites securiformis* - ERISTAVI, p. 126
1970 *Colchidites securiformis* - KOTETISHVILI, p. 84, pl. X, fig. 4
1971 *Colchidites securiformis* - KAKABADZE, p. 81, pl. XVII, fig. 4, pl. XIX, fig. 2, text-fig. 53
1986 *Colchidites securiformis* - AGUIRRE-URRETA & KLINGER, p. 354
1989 *Colchidites securiformis* - KOTETISHVILI, p. 548, fig. 3D (=KOTETISHVILI, 1970, pl. X, fig. 4)
1997 *Colchidites securiformis* - IMMEL et al., p. 172, pl. 8, fig. 9
1998 "*Martelites*" *securiformis* - DELANOY, pl. 19, fig. 5
2000 *Colchidites securiformis* - RAISOSSADAT & MOUSSAVI-HARAMI, p. 509
2003 *Colchidites securiformis* - KAKABADZE & KOTETISHVILI, fig. 2: 3 (=KAKABADZE, 1971, pl. XIX, fig. 2)
2005 *Colchidites securiformis* - KAKABADZE in KOTETISHVILI et al., p. 376, pl. 86, fig. 5, 6 (=KAKABADZE, 1971, pl. XIX, fig. 2, pl. XVII, fig. 4 resp.)

***Colchidites shaoriensis* DJANÉLIDZÉ, 1926**

- *1926 *Colchidites shaoriensis* - DJANÉLIDZÉ, p. 255, pl. I, fig. 2
non1933 *Colchidites* aff. *shaoriensis* - ROUCHADZE, p. 244, pl. XVI, fig. 1, text-fig. 44 (=Colchidites *tovbinae*)
1955 *Colchidites shaoriensis* - ERISTAVI, p. 125, text-fig. 20
1955 *Colchidites* aff. *shaoriensis* - ERISTAVI, p. 125
1962 *Colchidites* aff. *shaoriensis* - TOVBINA, p. 86, pl. XLIV, fig. 4a, 4b
1963 *Colchidites* aff. *shaoriensis* - TOVBINA, p. 112, pl. III, fig. 7a, 7b (=TOVBINA, 1962, pl. XLIV, fig. 4a, 4b)
1965 *Colchidites* aff. *shaoriensis* - TOVBINA, p. 44, pl. 5a
1970 *Colchidites shaoriensis* - KOTETISHVILI, p. 83, pl. XII, fig. 2, 4, 5
1971 *Colchidites shaoriensis* - KAKABADZE, p. 79, pl. XIV, fig. 3, pl. XIX, fig. 3, text-fig. 50
1986 *Colchidites shaoriensis* - AGUIRRE-URRETA & KLINGER, p. 352
1989 *Colchidites shaoriensis* - KOTETISHVILI, p. 548, text-fig. 3A (=DJANÉLIDZÉ, 1926, pl. I, fig. 2), text-fig. 3B, 3C (=KOTETISHVILI, 1970, pl. XII, fig. 5, 2 resp.)
1998 "*Martelites*" *shaoriensis* - DELANOY, pl. 19, fig. 4
2005 *Colchidites shaoriensis* - KAKABADZE in KOTETISHVILI et al., p. 375, pl. 88, fig. 1 (=KAKABADZE, 1971, pl. XIV, fig. 3)

***Colchidites striatocostatus* KAKABADZE & HOEDEMAEKER, 2004**

- *2004 *Colchidites striatocostatus* - KAKABADZE & HOEDEMAEKER, p. 92, pl. 73, fig. 2a, 2b, 2c

***Colchidites tenuicostatus* KAKABADZE, 1971**

- *1971 *Colchidites tenuicostatus* - KAKABADZE, p. 82, pl. XVII, fig. 2, pl. XIX, fig. 4, text-fig. 54
1986 *Colchidites tenuicostatus* - AGUIRRE-URRETA & KLINGER, p. 354

- 1997 *Colchidites tenuicostatus* - IMMEL et al., p. 174, pl. 8, fig. 8
 1998 "*Martelites*" *tenuicostatus* - DELANOY, pl. 19, fig. 6, 7

***Colchidites tinae* KAKABADZE, 1971**

- 1955 *Colchidites* sp. nov. - ERISTAVI, p. 121, pl. IV, fig. 11
 *1971 *Colchidites tinae* Eristavi - KAKABADZE, p. 52, pl. IV, fig. 2
 1986 *Colchidites tinae* - AGUIRRE-URRETA & KLINGER, p. 354
 1997 *Colchidites tinae* - IMMEL et al., p. 174, pl. 8, fig. 7, 10

***Colchidites tovbinae* KAKABADZE, 1971**

- 1933 *Colchidites* aff. *shaoriensis* - ROUCHADZE, p. 244, pl. XVI, fig. 1, text-fig. 44
 *1971 *Colchidites tovbinae* - KAKABADZE, p. 80, pl. XVII, fig. 3 (=ROUCHADZE, 1933, pl. XVI, fig. 1), text-fig. 51, text-fig. 52 (=ROUCHADZE, 1933, text-fig. 44)
 1986 *Colchidites tovbinae* - AGUIRRE-URRETA & KLINGER, p. 354

***Colchidites trifurcatus* KAKABADZE, 1971**

- *1971 *Colchidites trifurcatus* - KAKABADZE, p. 66, pl. XII, fig. 4a, 46, text-fig. 37
 1986 *Colchidites trifurcatus* - AGUIRRE-URRETA & KLINGER, p. 354

***Colchidites veleurensis* KAKABADZE, 1971**

- *1971 *Colchidites veleurensis* - KAKABADZE, p. 83, pl. XIX, fig. 5, text-fig. 55
 1986 *Colchidites veleurensis* - AGUIRRE-URRETA & KLINGER, p. 354

***Egoianites* DELANOY & BERT, 2006
 (2006, p. 272)**

TYPE SPECIES: *Egoianites mikhaili* DELANOY & BERT, 2006, p. 273, pl. 3, fig. 1 (OD).
 INCLUDED (SUB)SPECIES:

mikhaili - DELANOY & BERT, 2006, p. 273, pl. 3, fig. 1 (HT by OD)

***Egoianites mikhaili* DELANOY & BERT, 2006**

- *2006 *Egoianites mikhaili* - DELANOY & BERT, p. 273, pl. 3, fig. 1

***Rouchadzeites* DELANOY & BERT, 2006¹⁴⁷
 (2006, p. 274)**

TYPE SPECIES: *Heteroceras mascarellii* DELANOY & EBBO, 2000, p. 4, pl. 1, fig. 1 (OD).
 INCLUDED (SUB)SPECIES:

doli - DELANOY & BERT, 2006, p. 277, pl. 6, fig. 1 (HT by OD)
lazarini - DELANOY & BERT, 2006, p. 275, pl. 4, fig. 1 (HT by OD)
mascarellii - DELANOY & EBBO, 2000, p. 4, pl. 1, fig. 1 (HT by OD)

¹⁴⁷ In view of KAKABADZE (herein) a synonym of *Heteroceras*.

- *2006 *Rouchadzeites doli* - DELANOY & BERT, p. 277, pl. 6, fig. 1

***Rouchadzeites lazarini* DELANOY & BERT, 2006**

- 1998 *Heteroceras* sp. (forme 10) - DELANOY, p. 118, pl. 28, fig. 1
 *2006 *Rouchadzeites lazarini* - DELANOY & BERT, p. 275, pl. 4, fig. 1 (=DELANOY, 1998, pl. 28, fig. 1)

***Rouchadzeites mascarellii* (DELANOY & EBBO, 2000)**

- 1998 *Heteroceras* sp. (forme 9) - DELANOY, p. 116, pl. 25, fig. 1, text-fig. 69, 70, table 24
 *2000 *Heteroceras mascarellii* - DELANOY & EBBO, p. 4, pl. 1, fig. 1, pl. 2, fig. 1 (=DELANOY, 1998, pl. 25, fig. 1), text-fig. 3, table 1
 ?2006 *Heteroceras* sp. aff. *mascarellii* - DELANOY & BERT, p. 278, pl. 5, fig. 1

***Martelites* CONTE, 1989¹⁴⁸
 (1989, p. 43)**

TYPE SPECIES: *Martelites marteli* CONTE, 1989, p. 44, fig. 3 on p. 45 (OD).

INCLUDED (SUB)SPECIES:

<i>albionensis</i> -	CONTE, 1989, p. 44, fig. 4, 5 on p. 45 (HT by MT)
<i>barruoli</i> -	CONTE, 1989, p. 44, fig. 6 on p. 45 (HT by OD)
<i>ellipticus</i> -	ROUCHADZE, 1933, p. 252, pl. XX, fig. 1 (LT designated by KAKABADZE, 1971, p. 64)
<i>ellipticus kvadaurensis</i> -	ROUCHADZE, 1933, p. 253, (LT requested) ¹⁴⁹
<i>gamkrelidzei</i> -	ROUCHADZE, 1933, p. 251 (LT requested) ¹⁵⁰
<i>?horeshaensis</i> -	ROUCHADZE, 1933, p. 252 (LT requested)
<i>kakabadzei</i> -	KOTETISHVILI, 1970, p. 81, pl. XIII, fig. 3 (HT by OD)
<i>latecostatus</i> -	ROUCHADZE, 1933, p. 246, pl. XVI, fig. 3 (LT designated by KAKABADZE, 1971, p. 75)
<i>marteli</i> -	CONTE, 1989, p. 44, fig. 3 on p. 45 (HT by OD)
<i>rionensis</i> -	SIMONOVICH, BATSEVICH & SOROKIN, 1875, p. 172, pl. VI, fig. 1a (LT designated by KAKABADZE, 1971, p. 74)
<i>sarasini</i> -	ROUCHADZE, 1933, p. 250, pl. XIX, fig. 1 (LT designated by KAKABADZE, 1971, p. 62)
<i>spathi</i> -	BOSHOF, 1945, p. 76, pl. 4, fig. 2, 4 (HT by OD) (nomen nudum) ¹⁵¹
<i>tzotnei</i> -	ROUCHADZE, 1933, p. 254, pl. XX, fig. 5, text-fig. 55 (HT by MT)
<i>vulanensis</i> -	EGOIAN, 1965, p. 119, pl. I, fig. 1a (HT by OD)
<i>vulanensis australis</i> -	KLINGER, KAKABADZE & KENNEDY, 1984, p. 45, 6A, 6B, 6C, 6D (HT by OD)

¹⁴⁸ KAKABADZE (herein) considers *Martelites* as a subjective synonym of *Colchidites*. See for an ample discussion KAKABADZE, 2004b, p. 28-33.

¹⁴⁹ KAKABADZE, 1971, p. 65 designated as lectotype the specimen with the collectionnumber N° 424/1090 without referring to a picture of ROUCHADZE, 1933.

¹⁵⁰ KAKABADZE, 1971, p. 63 designated as holotype the specimen with the collectionnumber N° 490/1075 without referring to a picture of ROUCHADZE, 1933.

¹⁵¹ Does not fulfil the requirements of article 8. of the ICZN (constitution of a published work).

***Martelites ellipticus* (ROUCHADZE, 1933)**

- *1933 *Colchidites ellipticus* - ROUCHADZE, p. 252, pl. XX, fig. 1
1955 *Colchidites ellipticus* - ERISTAVI, p. 123
1960 *Colchidites ellipticus* - DRUSHCHITS, p. 296, pl. XL, fig. 5a, 5b
non1971 *Colchidites ellipticus* - KAKABADZE, p. 64, pl. XI, fig. 2a, 2b, pl. XII, fig. 1a, 1b, text-fig. 35 (=Martelites? horeschaensis)
1986 *Colchidites ellipticus* - AGUIRRE-URRETA & KLINGER, p. 353
1998 *Martelites* aff. *ellipticus* - DELANOY, p. 145, pl. 61, fig. 6, text-fig. 96, table 30

***Martelites ellipticus kvadaurensis* (ROUCHADZE, 1933)**

- *1933 *Colchidites kvadaurensis* - ROUCHADZE, p. 253, pl. XX, fig. 3, 4
1955 *Colchidites ellipticus* v. *kvadaurensis* - ERISTAVI, p. 123
1970 *Colchidites ellipticus kvadaurensis* - KOTETISHVILI, p. 79, pl. X, fig. 2
1971 *Colchidites ellipticus kvadaurensis* - KAKABADZE, p. 65, pl. V, fig. 2, text-fig. 36 (=KOTETISHVILI, 1970, pl. X, fig. 2)
1986 *Colchidites ellipticus kvadaurensis* - AGUIRRE-URRETA & KLINGER, p. 353

***Martelites gamkrelidzei* (ROUCHADZE, 1933)**

- *1933 *Colchidites Gamkrelidzei* - ROUCHADZE, p. 251, pl. XIX, fig. 2, text-fig. 50
1955 *Colchidites gamkrelidzei* - ERISTAVI, p. 123
1971 *Colchidites gamkrelidzei* - KAKABADZE, p. 63, pl. X, fig. 2a, 2b, text-fig. 33, text-fig. 34 (=ROUCHADZE, 1933, text-fig. 50)
1986 *Colchidites gamkrelidzei* - AGUIRRE-URRETA & KLINGER, p. 353
non1992 *Martelites gamkrelidzei* - DELANOY, p. 129, pl. 37, fig. 1 (=Martelites marteli)

***Martelites? horeschaensis* (ROUCHADZE, 1933)**

- *1933 *Colchidites horeschaensis* - ROUCHADZE, p. 252, pl. XX, fig. 2
1955 *Colchidites ellipticus* v. *horeschaensis* - ERISTAVI, p. 123
1971 *Colchidites ellipticus* - KAKABADZE, p. 64, pl. XI, fig. 2a, 2b, pl. XII, fig. 1a, 1b, text-fig. 35

***Martelites kakabadzei* (KOTETISHVILI, 1970)**

- *1970 *Colchidites kakabadzei* - KOTETISHVILI, p. 81, pl. XIII, fig. 3
1971 *Colchidites kakabadzei* - KAKABADZE, p. 75, pl. XVII, fig. 1a (=KOTETISHVILI, 1970, pl. XIII, fig. 3), fig. 1b, 1c
1989 *Colchidites kakabadzei* - KOTETISHVILI, text-fig. 3E (=KOTETISHVILI, 1970, pl. XIII, fig. 3)

***Martelites latecostatus* (ROUCHADZE, 1933)**

- *1933 *Colchidites latecostatus* - ROUCHADZE, p. 246, pl. XVI, fig. 3, text-fig. 45
1946 *Colchidites* nov. sp. aff. *latecostatus* - ERISTAVI, pl. I, fig. 4
1955 *Colchidites latecostatus* - ERISTAVI, p. 126
1970 *Colchidites latecostatus* - KOTETISHVILI, p. 83, pl. XIV, fig. 1a, 1b
1971 *Colchidites latecostatus* - KAKABADZE, p. 75, pl. XVI, fig. 1a, (=ROUCHADZE, 1933, pl. XVI, fig. 3), fig. 1b
1986 *Colchidites latecostatus* - AGUIRRE-URRETA & KLINGER, p. 353
1989 *Colchidites latecostatus* - KOTETISHVILI, text-fig. 3G (=KOTETISHVILI, 1970, pl. XIV, fig. 1a)
1989 *Colchidites* cf. *latecostatus* - CONTE, p. 42, fig. 1, 2

- *1989 *Martelites marteli* - CONTE, p. 44, fig. 1, fig. 3 on p. 45
 1989 *Martelites* cf. *marteli* - CONTE, p. 44, fig. 2
 1989 *Martelites albionensis* - CONTE, p. 44, fig. 4, 5 on p. 45
 1989 *Martelites barruoli* - CONTE, p. 44, fig. 6 on p. 45
 1989 *Martelites* (?) - CONTE, p. 44, fig. 7 on p. 45
 1992 *Martelites gamkrelidzei* - DELANOY, p. 129, pl. 37, fig. 1
 1998 *Martelites marteli* - DELANOY, p. 128, text-fig. 76, 77, 78, 79, 80, 81, 82, table 27
 1998 *Martelites marteli* morphé *marteli* - DELANOY, p. 126, pl. 52, fig. 1, pl. 58, fig. 1
 (=CONTE, 1989, fig. 3 on p. 45), pl. 59, fig. 3, 6, text-fig. 83B
 1998 *Martelites marteli* morphé *albionense* - DELANOY, p. 128, pl. 52, fig. 3a, 3b (DELANOY, 1992, pl. 37, fig. 1), pl. 53, fig. 1 & pl. 54, fig. 1a, 1b (=CONTE, 1989, fig. 4, 5 on page 45), pl. 55, fig. 1 (=CONTE, 1989, fig. 6 on p. 45), pl. 56, fig. 1a, 1b, 1c, pl. 62, fig. 1, text-fig. 83A, 84C
 1998 *Martelites marteli* morphé *marteli/albionense* - DELANOY, pl. 60, fig. 1, text-fig. 84B

***Martelites rionensis* (SIMONOVICH, BATSEVICH & SOROKIN, 1875)**

- *1875 *Ammonites Rionensis* - SIMONOVICH, BATSEVICH & SOROKIN, p. 172, pl. VI, fig. 1a, 1b
 1933 *Colchidites rionensis* - ROUCHADZE, p. 243, pl. XV, fig. 4¹⁵², fig. 5¹⁵³, text-fig. 43
 1938a *Colchidites rionensis* - ROUCHADZE, p. 149
 1955 *Colchidites rionensis* - ERISTAVI, p. 126
 1955 *Colchidites rionensis* v. *lakhephaense* - ERISTAVI, p. 126
 1971 *Colchidites rionensis* - KAKABADZE, p. 74, pl. XIII, fig. 1, text-fig. 45 (=ROUCHADZE, 1933, pl. XV, fig. 4)
 1986 *Colchidites rionensis* - AGUIRRE-URRETA & KLINGER, p. 354
 2005 *Colchidites rionensis* - KAKABADZE in KOTETISCHVILI et al., p. 374, pl. 80, fig. 1
 (=KAKABADZE, 1971, pl. XIII, fig. 1)

***Martelites sarasini* (ROUCHADZE, 1933)**

- *1933 *Colchidites Sarasini* - ROUCHADZE, p. 250, pl. XVIII, fig. 3, pl. XIX, fig. 1, text-fig. 49
 1955 *Colchidites sarasini* - ERISTAVI, p. 123
 1957 *Colchidites sarasini* - ARKELL et al., p. L212, fig. 241: 3 (=ROUCHADZE, 1933, pl. XIX, fig. 1)
 non1965 *Colchidites* aff. *sarasini* - EGOIAN, p. 121, pl. 1, fig. 4, pl. 2, fig. 3 (=Colchidites sp.)
 1971 *Colchidites sarasini* - KAKABADZE, p. 62, pl. XI, fig. 1a, 1b, text-fig. 11
 1981 *Colchidites* cf. *rionensis* - ARNAUD, p. 135
 1981 *Colchidites* gr. *ellipticus* - ARNAUD, p. 135
 1986 *Colchidites sarasini* - AGUIRRE-URRETA & KLINGER, p. 354
 1992 *Martelites sarasini* - DELANOY, p. 130, pl. 37, fig. 2
 1992 *Martelites* sp. gr. *sarasini* - DELANOY, pl. 37, fig. 3, 4
 1995 *Martelites sarasini* - DELANOY, pl. 6, fig. 1, pl. 7, fig. 1, 2
 1996 *Martelites sarasini* - WRIGHT et al., p. 228, fig. 179: 3 (=ROUCHADZE, 1933, pl. XIX, fig. 1)
 1998 *Martelites sarasini* - DELANOY, p. 136, pl. 36, fig. 2pl. 52, fig. 2 (=DELANOY, 1995, pl. 6, fig. 1), pl. 54, fig. 2, 3, pl. 55, fig. 2 (=DELANOY, 1992, pl. 37, fig. 2), pl. 57, fig. 1, fig. 2 (=DELANOY, 1995, pl. 7, fig. 1), pl. 59, fig. 5, pl. 61, fig. 1, 2, 3, fig. 4 (=DELANOY, 1995, pl. 7, fig. 2), fig. 5, pl. 62, fig. 2, text-fig. 85, 86, 87, 88, 89, 90, 91, 92, table 28
 1997 *Martelites sarasini* - AGUADO et al., p. 313, fig. 5d, 5e
 1998 *Martelites sarasini* - ARNAUD et al., p. 29, pl. 7, fig. 10

¹⁵² The specimen of SIMONOVICH, BATSEVICH & SOROKIN, 1875, pl. VI, fig. 1a.

¹⁵³ Mistake in the text, not pl. XVI, fig. 1 (=Colchidites aff. *shaoriensis*).

- 2005 *Colchidites sarasini* - KAKABADZE in KOTETISHVILI et al., p. 374, pl. 89, fig. 4a, 4b
(=KAKABADZE, 1971, pl. XI, fig. 1a, 1b)
- 2005a *Martelites sarasini* - VERMEULEN, pl. 46, fig. 3

***Martelites tzotnei* (ROUCHADZE, 1933)**

- *1933 *Colchidites Tzotnei* - ROUCHADZE, p. 254, pl. XX, fig. 5, text-fig. 55
- 1955 *Colchidites tzotnei* - ERISTAVI, p. 123
- non1967 *Colchidites tzotnei* - DIMITROVA, p. 65, pl. XXVI, fig. 2
- 1971 *Colchidites tzotnei* - KAKABADZE, p. 68, pl. XIII, fig. 2a, 2b, 2c
- 1986 *Colchidites tzotnei* - AGUIRRE-URRETA & KLINGER, p. 354
- ?1992 *Martelites aff. tzotnei* - DELANOY, p. 131, pl. 38, fig. 1

***Martelites vulanensis* (EGOIAN, 1965)**

- *1965 *Colchidites vulanensis* - EGOIAN, p. 119, pl. I, fig. 1a, 1b, 3, pl. II, fig. 1, 2
- 1971 *Colchidites vulanensis* - KAKABADZE, p. 70, pl. XV, fig. 1 (=EGOIAN, 1965, pl. I, fig. 1a),
?text-fig. 41
- 1984 *Colchidites vulanensis* - KLINGER, KAKABADZE & KENNEDY, p. 46, fig. 4D, 4E (=EGOIAN,
1965, pl. II, fig. 1, 2), fig. 4F, fig. 5 (=EGOIAN, 1965, pl. I, fig. 1a)
- 1986 *Colchidites vulanensis* - AGUIRRE-URRETA & KLINGER, p. 354
- 1998 *Martelites aff. vulanensis* - DELANOY, p. 144, pl. 51, fig. 1, text-fig. 93, 94, 95, table 29
- 1998 *Martelites aff. vulanensis* - ROPOLO et al., fig. C
- 1999a *Martelites aff. vulanensis* - ROPOLO, GONNET & CONTE, pl. 14, fig. 1 (=DELANOY, 1998,
pl. 51, fig. 1), pl. 15, fig. 1 (=ROPOLO et al., 1998, fig. C), fig. 2
- 1999b *Martelites aff. vulanensis* - ROPOLO, GONNET & CONTE, pl. 5, fig. 3 (=ROPOLO et al.,
1998, fig. C)

***Martelites vulanensis australis* (KLINGER, KAKABADZE & KENNEDY, 1984)**

- 1936 *Turritites cf. emericianus* - HAUGHTON, p. 293
- 1945 *Colchidites spathi* - BOSHOFF, p. 76, pl. 4, fig. 2, 4 (nomen nudum)
- 1976 *Colchidites* sp. A. - KLINGER, p. 16, pl. 1, fig. 6a, 6b, 6c, 6d, 7a, 7b, 7c, 7d, pl. 3, fig. 1a,
1b, text-fig. 5g, 6f, 6g
- 1976 *Colchidites* sp. B - KLINGER, p. 17, pl. 3, fig. 2a, 2b, text-fig. 5h
- 1980 *Colchidites aff. C. colchicus* - BLASCO et al., p. 45, pl. I, fig. 1, 2, 3, 4, 5, 6, 7, 8
- *1984 *Colchidites vulanensis australis* - KLINGER, KAKABADZE & KENNEDY, p. 45, fig. 6A, 6B,
6C, 6D (=KLINGER, 1976, pl. 1, fig. 6a, 6b, 6c, 6d), fig. 6E, 6F (=KLINGER, 1976, pl. 3, fig.
3a, 3b), 7A, 7B, 7C, 7D, 7E, 7F, 8A, 8B, 8C, 8D, 8E, 8F, 8G, 8H, 8I, 8J, 8K, 8L, 9A, 9B,
9C, 9D, 9E, 9F, 9G, 9H, 9I, 9J, 9K, 9L, 9M, 9N
- 1986 *Colchidites vulanensis australis* - AGUIRRE-URRETA & KLINGER, fig. 4, 6A, 6B, 6C, 6D,
6E, 6F, 6G, 6H, 7A, 7B, 7C, 7D, 7E, 7F, 7G, 7H, 8A, 8B, 8C, 8D, 8E, 8F, 8G, 8H, 9A, 9B,
9C, 9D, 9E, 9F, 9G, 9H, 10A, 10B, 10C, 10D, 10J, fig. 11A, 11B, 11C (=KLINGER,
KAKABADZE & KENNEDY, 1984, fig. 6A, 6C, 6D), 11D, 11E, 11F, 11G, 12A, 12B, 13A,
13B, 13C, 14, 15, 16A, 16B, 17, 18, 19, 20A, 20B, 21, 22, 23, 24A, 24B, 25A, 25B, 26A,
26B, 26C, 26D
- 1988 *Colchidites vulanensis australis* - RICCARDI, pl. 10, fig. 8, 9
- 1993 *Colchidites vulanensis australis* - AGUIRRE-URRETA, pl. VI, fig. 4 (=AGUIRRE-URRETA &
KLINGER, 1986, fig. 6H), fig. 5 (=AGUIRRE-URRETA & KLINGER, 1986, fig. 26D)

***Ewaldiceras* VERMEULEN, 2003
(2003, p. 67)**

TYPE SPECIES: *Ewaldiceras eigenheeri* VERMEULEN, 2003b, p. 68, pl. 1, fig. 3, pl. 2, fig. 2 (OD).

eigenheeri -

VERMEULEN, 2003b, p. 68, pl. 1, fig. 3, pl. 2, fig. 2 (HT by OD)

***Ewaldiceras eigenheeri* VERMEULEN, 2003**

*2003b *Ewaldiceras eigenheeri* - VERMEULEN, p. 68, pl. 1, fig. 3, pl. 2, fig. 2

***Hemibaculites* HYATT, 1900**
(1900, p. 586) (nomen dubium)¹⁵⁴

TYPE SPECIES: *Toxoceras obliquatus* D'ORBIGNY, 1842, p. 486 (OD).

INCLUDED (SUB)SPECIES:

obliquatus -

D'ORBIGNY, 1842, p. 486 (neotype requested) (nomen dubium)¹⁵⁵

***Hemibaculites obliquatus* (D'ORBIGNY, 1842)**

- *1842 *Toxoceras obliquatus* - D'ORBIGNY, p. 486, pl. 120, fig. 1, 2, 3, 4
- 1850 *Toxoceras obliquatus* - D'ORBIGNY, p. 101, n°. 638
- 1852 *Toxoceras obliquatum* - GIEBEL, p. 293
- 1854 *Toxoceras obliquatum* - PICTET, p. 706, pl. LV, fig. 14 (=D'ORBIGNY, 1842, pl. 120, fig. 1)
- non1860 *Toxoceras obliquatum* - OOSTER, p. 70 (=Heteroceras couletti)
- ?1861 *Toxoceras obliquatus* - PICTET & CAMPICHE, p. 56
- non1863 *Anisoceras obliquatum* - PICTET, p. 5, pl. 1, fig. 1a, 1b, 1c, 1d, 1e (=Heteroceras couletti)
- non1880 *Ancylloceras (Toxoceras) obliquatum* - DAMES, p. 693 pl. XXVI, fig. 2¹⁵⁶
(=Simancyloceras variabile)
- ?1883 *Hamites (Anisoceras) aff. obliquatum* - UHLIG, p. 220
- non1888 *Crioceras obliquatum* - HERBICH, p. 274, pl. XIV, fig. 1, 2, 3 (=Toxoceras cf. moutonianum)
- 1889b *Heteroceras obliquatum* - KILIAN, p. 429(193)
- 1900 *Hemibaculites obliquatum* - HYATT, p. 586
- 1910b *Heteroceras (Toxoceras, Hemibaculites) obliquatum* - KILIAN, p. 247
- non1915 *Toxoceras obliquatum* Dames (non d'Orb) - KILIAN & REBOUL, p. 66 (=Simancyloceras variabile)
- ?1916 *Crioceras cf. obliquatum* - DOUVILLÉ, p. 113, pl. XV, fig. 3, 4, text-fig. 28
- 1955 *Moutoniceras (?) obliquatum* - SARKAR, p. 159
- 1957 *Hemibaculites obliquatus* - ARKELL et al., p. L212
- non1960 *Hemibaculites obliquatus* - DRUSHCHITS, p. 297, pl. XLI, fig. 1a, 1b, 1c
- non1975 *Hemibaculites obliquatum* - KAKABADZE, p. 104, pl. VII, fig. 4a, 4b, 4c (=DRUSHCHITS, 1960, pl. XLI, fig. 1b, 1c, 1d)
- non1992 *Heteroceras aff. obliquatum* - DELANOY, p. 122, pl. 35, fig. 1, 2, 3 (=Heteroceras couletti)
- 1996 *Hemibaculites obliquatus* - WRIGHT et al., p. 227
- 1998 *Toxoceras obliquatum* - DELANOY, pl. 39, fig. 8, 9 (=D'ORBIGNY, 1842, pl. 120, fig. 1, 2, 3, 4)

¹⁵⁴ Nomen dubium based on an incomplete specimen that appears to be lost.

¹⁵⁵ According to DELANOY, 1992, p. 123 and WRIGHT et al., 1996, p. 227 the type specimen *Toxoceras obliquatus* is probably lost. Also BUSNARDO in GAUTHIER, 2006 could not find the specimen in the Emeric collection and considers *Toxoceras obliquatus* as a nomen dubium. The specimen that D'ORBIGNY, 1842 studied was probably a fragment of a *Heteroceras*.

¹⁵⁶ *Ancylloceras (Toxoceras) plicatile* D'ORBIGNY on plate XXVI.

- ?1998 ?*Hemibaculites* sp. - VAŠÍČEK & KLAJMON, p. 337, pl. II, fig. 12, 13
 ?1999 ?*Hemibaculites* sp. - VAŠÍČEK, p. 220, pl. 3, fig. 8 (=VAŠÍČEK & KLAJMON, 1998, pl. II, fig. 12)
 2006 « *Heteroceras* » ? *obliquatum* - BUSNARDO in GAUTHIER, p. 145

?*Uhligia* VON KOENEN, 1904
 (1904, p. 57)

TYPE SPECIES: *Crioceras minutum* NEUMAYR & UHLIG, 1881, p. 195(67) (OD).

INCLUDED (SUB)SPECIES:

minuta - NEUMAYR & UHLIG, 1881, p. 195(67) (LT requested)

***Uhligia minutus* (NEUMAYR & UHLIG, 1881)**

- *1881 *Crioceras minutum* - NEUMAYR & UHLIG, p. 195, pl. XLII, fig. 6, 6a, 6b
 1902 *Hamites minutus* - VON KOENEN, p. 389, fig. 2a, 2b, 2c, 3, 4, 5, 6, 7
 1904 *Uhligia minutus* - VON KOENEN, p. 57
 1957 *Uhligia minutus* - ARKELL et al. L211, fig. 240: 2a, 2b, 2c (=VON KOENEN, 1902, fig. 2a, 3, 2b)
 1996 *Uhligia minuta* - WRIGHT et al, p. 227, fig. 178: 1a, 1b, 1c (=VON KOENEN, 1902, fig. 2a, 3, 2b)

?*Pseudomoutoniceras* AUTRAN, DELANOY & THOMEL, 1986
 (1986, p. 1063)

TYPE SPECIES: *Toxoceras annularis* D'ORBIGNY, 1842, p. 480 (BUSNARDO in GAUTHIER, 2006, p. 142, pl. 17, fig. 10) (OD).

INCLUDED (SUB)SPECIES:

annulare - D'ORBIGNY, 1842, p. 480 (LT designated by BUSNARDO in GAUTHIER, 2006, p. 142, pl. 17, fig. 10)
 ?*astieri* - SARKAR, 1955, p. 161, pl. VII, fig. 29 (HT by MT)
honoratii - LÉVEILLÉ, 1837, p. 314, pl. XXII, fig. 2a, 2b (HT by MT)

***Pseudomoutoniceras annulare* (D'ORBIGNY, 1842)**

- *1842 *Toxoceras annularis* - D'ORBIGNY, p. 480, pl. 118, fig. 1¹⁵⁷, 2, 3, 4, 5, 6
 1850 *Toxoceras annularis* - D'ORBIGNY, p. 66, n° 64
 1852 *Toxoceras annulare* - BRONN, p. 326, pl. XXXII, fig. 15a, 15b, 15c, 15d (=D'ORBIGNY, 1842, pl. 118, fig. 1, 2, 5, 6)
 1852 *Toxoceras annulare* - GIEBEL, p. 290
 1860 *Ancyloceras cinctum* - OOSTER, p. 59, pl. 51, fig. 1, 2, 3
 1876 *Ancyloceras annularis* - REYNÈS, p. 105
 non1888 *Crioceras annulare* - HERBICH, p. 280, pl. XIV, fig. 4, 5, 6 (=Toxoceras cf. *moutonianum*)
 ?1888 *Crioceras annulare* - HERBICH, p. 280, pl. XIV, fig. 4, 5, 6
 1902 *Crioceras (Ancyloceras) annulare* - SARASIN & SCHÖNDELMAYER, p. 124, pl. XV, fig. 2 (=OOSTER, 1860, pl. 51, fig. 1)
 1910b *Crioceras (Toxoceras) annulare* - KILIAN, p. 271
 ?1949 *Toxoceras annulare* - VIALI, p. 58, pl. 1, fig. 21

¹⁵⁷ This drawing is a reconstruction of four fragments according to D'ORBIGNY, 1842.

- 1955 *Moutoniceras annulare* - SARKAR, p. 157
 1960 *Moutoniceras annularis* - DRUSHCHITS, p. 297, pl. XL, fig. 3
 1965a *Moutoniceras annulare* - THOMEL, p. 63, pl. XI, fig. 1, 2, 3, pl. XII, fig. 3
 1986 *Pseudomoutoniceras annulare* - AUTRAN et al., p. 1063, pl. I, fig. 1, 2, 3, 4, 5, 6, 7, pl. II, fig. 1, 2, 3, 4, 5, 6
 1987 *Moutoniceras annulare* - IMMEL, p. 121, pl. 13, fig. 2
 1995 *Pseudomoutoniceras* cf. *annulare* - CECCA et al, p. 200, pl. 1, fig. 12
 1996 *Pseudomoutoniceras annulare* - WRIGHT et al., p. 208, fig. 161: 3 (=AUTRAN et al., 1986, pl. I, fig. 1)
 2006 *Pseudomoutoniceras annulare* - FÖZY & JANSSEN, p. 48, fig. 3A
 2006 *Pseudomoutoniceras annulare* - BUSNARDO in GAUTHIER, p. 142, pl. 17, fig. 10

***Pseudomoutoniceras? astieri* (SARKAR, 1955)**

- *1955 « *Crioceras astieri* » - SARKAR, p. 161, pl. VII, fig. 29
 1967 "*Crioceratites*" *astieri* - DIMITROVA, p. 50, pl. XIII, fig. 2
 1976b *Crioceratites* aff. *astieri* - MANDOV, p. 62, pl. IV, fig. 4

***Pseudomoutoniceras honoratii* (LÉVEILLÉ, 1837)**

- *1837 *Crioceratites Honoratii* - LÉVEILLÉ, p. 314, pl. XXII, fig. 2a, 2b
 1902 *Crioceratites Honoratii* - SARASIN & SCHÖNDELMAYER, p. 105
 1910b *Crioceras Honnorati* - KILIAN, p. 270
 1955 *Crioceras honoratii* - SARKAR, p. 65
 1960 *Crioceratites honnoratii* - DRUSHCHITS, p. 289, pl. XXXI, fig. 2, ?3
 1981 *Crioceratites honnorati* - KAKABADZE, pl. I, fig. 4a, 4b
 2000b *Pseudomoutoniceras honorati* - DELANOY et al., p. 15, text-fig. p. 14 (=LÉVEILLÉ, 1837, p. 314, pl. XXII, fig. 2a, 2b)

***Moutoniceras* SARKAR, 1954 (1954b, p. 620(3))**

TYPE SPECIES: *Toxoceras Moutonianum* D'ORBIGNY, 1850, p. 101, n° 640 (COTTREAU, 1937, pl. LXXIX, fig. 4, 5) (OD).

INCLUDED (SUB)SPECIES:

- | | |
|----------------------|--|
| <i>berti</i> - | VERMEULEN, 2003b, p. 72, pl. 3, fig. 2 (HT by OD) |
| <i>?blandi</i> - | MURPHY, 1975, p. 28, pl. 3, fig. 2, pl. 4, fig. 1, pl. 7, fig. 3, text-fig. 15 (HT by OD) |
| <i>dahnowi</i> - | KARAKASCH, 1907, p. 142, pl. XXV, fig. 22 (HT by MT) |
| <i>hourcqi</i> - | COLLIGNON, 1949, p. 80, pl. XIII (VI), fig. 3, 3a (HT by MT) |
| <i>marii</i> - | VERMEULEN, 1997, p. 74, pl. 1, fig. 1, 2 (HT by OD) |
| <i>moutonianum</i> - | D'ORBIGNY, 1850, p. 101, n° 640 (LT COTTREAU, 1937, pl. LXXIX, fig. 4, 5 designated by SARKAR, 1955, p. 158) |
| <i>nodosum</i> - | D'ORBIGNY, 1850, p. 101, n° 642 (LT COTTREAU, 1937, pl. LXXIX, fig. 7 designated by SARKAR, 1955, p. 159) |
| <i>varusense</i> - | D'ORBIGNY, 1850, p. 102, n° 643 (LT COTTREAU, 1937, pl. LXXIX, fig. 8, 9 designated by SARKAR, 1955, p. 159) |

***Moutoniceras berti* VERMEULEN, 2003**

- *2003b *Moutoniceras berti* - VERMEULEN, p. 72, pl. 3, fig. 2

***Moutoniceras? blandi* (MURPHY, 1975)**

- *1975 *Toxoceras blandi* - MURPHY, p. 28, pl. 3, fig. 2, pl. 4, fig. 1, pl. 7, fig. 3, text-fig. 15

***Moutoniceras dahnovi* (KARAKASCH, 1907)**

- *1907 *Toxoceras Dahnovi* - KARAKASCH, p. 142, pl. XXV, fig. 22
1949 *Toxoceras Dahnovi* - COLLIGNON, p. 80
1955 «*Toxoceras*» (?) *dahnovi* - SARKAR, p. 163
1999 *Toxoceras dahnovi* - EBBO & DELANOY, p. 85
2003b *Moutoniceras dahnovi* - VERMEULEN, p. 71

***Moutoniceras hourcqi* (COLLIGNON, 1949)**

- *1949 *Toxoceras Hourcqi* - COLLIGNON, p. 80, pl. XIII (VI), fig. 3, 3a
1999 *Toxoceras hourcqui* - EBBO & DELANOY, p. 85
2003 *Moutoniceras hourcqui* - VERMEULEN, p. 71

***Moutoniceras marii* VERMEULEN, 1997**

- *1997 *Moutoniceras marii* - VERMEULEN, p. 74, pl. 1, fig. 1, 2
1999 *Toxoceras marii* - EBBO & DELANOY, p. 85
2003b *Moutoniceras marii* - VERMEULEN, p. 71
2004 *Toxoceras cf. marii* - PATRULIUS & AVRAM, p. 332

***Moutoniceras moutonianum* (D'ORBIGNY, 1850)**

- *1850 *Toxoceras Moutonianus* - D'ORBIGNY, p. 101, n° 640
1852 *Toxoceras Moutonianum* - GIEBEL, p. 294
1861 *Toxoceras Moutonianus* - PICTET ET CAMPICHE, p. 57
?1888 *Crioceras Duvalianum* - HERBICH, p. 272, pl. XVI, fig. 1, 2, 3
1888 *Crioceras obliquatum* - HERBICH, p. 274, pl. XIV, fig. 1, 2, 3
1889a *Toxoceras moutoni* - KILIAN, p. 687
1889 *Crioceras (Toxoceras) moutoni* - HAUG, p. 210
?1898 *Heteroceras* n. sp. ind. - SIMIONESCU, p. 150, pl. IV, fig. 9, pl. VIII, fig. 2a, 2b
1910b *Toxoceras moutonianum* - KILIAN, p. 275
1937 *Toxoceras Moutonianus* - COTTREAU, p. 66, pl. LXXIX, fig. 4, 5
1955 *Moutoniceras moutonianum* - SARKAR, p. 158, pl. XI, fig. 4
1965a *Moutoniceras moutonianum* - THOMEL, p. 62, pl. XII, fig. 5
?1977 *?Moutoniceras cf. moutonianum* - MYCZYŃSKI, p. 160, pl. 6, fig. 4
1980 *Moutoniceras moutonianum* - THOMEL, p. 55, fig. 95
1991 *Moutoniceras cf. moutonianum* - KAKABADZE & THIEULOY, p. 86, pl. 2, fig. 1, 2, text-fig. 5, 6
1991 *Moutoniceras moutonianum* - DELANOY et al., pl. III, fig. 3 (=COTTREAU, 1937, pl. LXXIX, fig. 4)
1995 *Moutoniceras moutonianum* - COMPANY et al., p. 251, fig. 8b
1996 *Moutoniceras moutonianum* - WRIGHT et al., p. 216, fig. 168: 2a, 2b (=COTTREAU, 1937, pl. LXXIX, fig. 4, 5), 2c (=SARKAR, 1955, pl. XI, fig. 4)
1999 *Toxoceras moutonianum* - EBBO & DELANOY, p. 82, pl. 1, fig. 1
2003b *Moutoniceras moutonianum* - VERMEULEN, p. 71
2004b *Moutoniceras moutanianum* - LUKENEDER, pl. 3, fig. 6

- 2005a *Moutoniceras moutanianum* - VERMEULEN, pl. 46, fig. 2
 2005b *Moutoniceras moutanianum* - COMPANY et al., p. 62

***Moutoniceras nodosum* (D'ORBIGNY, 1850)**

- *1850 *Toxoceras nodosus* - D'ORBIGNY, p. 101, n° 642
 1852 *Toxoceras nodosum* - GIEBEL, p. 289
 1861 *Toxoceras nodosus* - PICTET & CAMPICHE, p. 54
 1937 *Toxoceras nodosus* - COTTREAU, p. 67, pl. LXXIX, fig. 7
 1955 *Moutoniceras* (?) *nodosum* - SARKAR, p. 159
 1991 *Moutoniceras nodosum* - DELANOY et al., p. 230, pl. I, pl. II, pl. III, fig. 1, fig. 2
 (=COTTREAU, 1937, pl. LXXIX, fig. 7), text-fig. 1, 2, 4, 5, 6
 1995 *Moutoniceras nodosum* - COMPANY et al., p. 249, fig. 7i
 1998 *Moutoniceras* gr. *nodosum* - ARNAUD et al., pl. 2, fig. 3
 1999 *Toxoceras nodosum* - EBBO & DELANOY, p. 85
 2003b *Moutoniceras nodosum* - VERMEULEN, p. 71
 2006 *Toxoceras nodosum* - VAŠÍČEK, p. 433, pl. 3, fig. 1, pl. 4, fig. 2

***Moutoniceras varusense* (D'ORBIGNY, 1850)**

- *1850 *Toxoceras Varusensis* - D'ORBIGNY, p. 102, n° 643
 1861 *Toxoceras Varusensis* - PICTET & CAMPICHE, p. 57
 1910b *Toxoceras Varusense* - KILIAN, p. 275
 1937 *Toxoceras Varusensis* - COTTREAU, p. 68, pl. LXXIX, fig. 8, 9, 10, 11
 1955 *Moutoniceras varusensis* - SARKAR, p. 159
 1976a *Moutoniceras varusensis* - AVRAM, p. 32, pl. III, fig. 10
 1998 *Moutoniceras varusensis* - VERMEULEN & BERT, pl. 1, fig. 4, 5, 6
 1999 *Toxoceras varusense* - EBBO & DELANOY, p. 85
 2003b *Moutoniceras varusensis* - VERMEULEN, p. 71

?*Toxoceras* D'ORBIGNY, 1842
 (1842, p. 472)

TYPE SPECIES: *Toxoceras Requienianum* D'ORBIGNY, 1842, p. 474, pl. 116, fig. 2; SD by DIENER, 1925, p. 192.

INCLUDED (SUB)SPECIES:

- | | |
|------------------------|--|
| <i>?joubertianum</i> - | D'ORBIGNY, 1850, p. 101, n° 641 (HT by MT COTTREAU, 1937, p. 67, pl. LXXIX, fig. 6) (nomen dubium) |
| <i>?plicatile</i> - | D'ORBIGNY, 1850, p. 101, n° 639 (LT requested) |
| <i>requienianum</i> - | D'ORBIGNY, 1842, p. 474 (LT designated by DELANOY & THOMEL, 1988, p. 122, pl. 1) ¹⁵⁸ |

¹⁵⁸ In the view of COMPANY (herein) the status of *Toxoceras requienianum* remains unsure. D'ORBIGNY, 1842 clearly states that the specimen he studied was a complete specimen of the Requien collection. DELANOY & THOMEL, 1988 studied this collection, but they found only fragments that they can not attribute with certainty to the figures of D'ORBIGNY. On their plate 1 they depict as holotype a very used and corroded fragment with the label 'type' (specimen n° 2000001 of the Requien collection). They mention another corroded fragment, also with the label 'type' without citing the collection number (probably n° 502 of the Requien collection as mentioned in DELANOY & BUSNARDO in GAUTHIER, 2006). DELANOY & BUSNARDO in GAUTHIER, 2006, p. 104 seem to accept the designation of DELANOY & THOMEL, 1988 of specimen n° 2000001 as the lectotype but they depict in plate 22, fig. 4 a third fragment of the Requien collection (n° 505-1) that they designate as lectotype. They call it the most interesting species because it shows the typical costulation of the genus *Toxoceras* (= *Moutoniceras*), but they acknowledge that, in contrast with the original figure of d'Orbigny, neither this one, nor the other fragments show two tubercles on the ribs. Furthermore DELANOY & BUSNARDO in GAUTHIER, 2006

***Toxoceras? joubertianum* D'ORBIGNY, 1850**

- *1850 *Toxoceras Joubertianus* - D'ORBIGNY, p. 101, n° 641
1852 *Toxoceras Joubertianum* - GIEBEL, p. 290
1861 *Toxoceras Joubertianus* - PICTET & CAMPICHE, p. 57
1937 *Toxoceras Joubertianus* - COTTREAU, p. 67, pl. LXXIX, fig. 6
1955 «*Toxoceras*» *joubertianum* - SARKAR, p. 163

***Toxoceras? plicatile* D'ORBIGNY, 1850**

- *1850 *Toxoceras plicatilis* - D'ORBIGNY, p. 101, n° 639
1852 *Toxoceras plicatile* - GIEBEL, p. 294
1861 *Toxoceras plicatilis* - PICTET & CAMPICHE, p. 57
1937 *Toxoceras plicatilis* - COTTREAU, p. 66, pl. LXXIX, fig. 3
1955 «*Toxoceras*» *plicatilis* - SARKAR, p. 163
1999 *Toxoceras plicatile* - EBBO & DELANOY, p. 85

***Toxoceras requienianum* D'ORBIGNY, 1842**

- *1842 *Toxoceras Requierianum* - D'ORBIGNY, p. 474, pl. 116, fig. 1, 2, 3, 4, 5, 6, 7
1850 *Toxoceras Requierianus* - D'ORBIGNY, p. 102, n° 644
1852 *Toxoceras Requierianum* - GIEBEL, p. 292
1861 *Toxoceras Requierianus* - PICTET & CAMPICHE, p. 56
1910b *Toxoceras (Crioceras) Requierianum* - KILIAN, p. 270
1938 *Toxoceras Requieri* - ROMAN, pl. XXXV, fig. 340, text-fig. 340 (=D'ORBIGNY, 1842, pl. 116, fig. 1, 6)
1958 *Toxoceratoides requienianus* - DRUSHCHITS & ERISTAVI, text-fig. 83e (=D'ORBIGNY, 1842, p. 474, pl. 116, fig. 6)
1955 «*Toxoceras*» *requienianum* - SARKAR, p. 56
1988 *Moutoniceras requienianus* - DELANOY & THOMEL, p. 122, pl. 1
1999 *Toxoceras requienianum* - EBBO & DELANOY, p. 85
2006 *Toxoceras requienianum* - BUSNARDO & DELANOY in GAUTHIER, p. 139, pl. 22, fig. 4, fig. 5a, 5b, 6a, 6b, 7a, 7b

***Toxoceras requienianum unituberculatum* SARKAR, 1955**

- *1955 «*Toxoceras*» *requienianum* var. *unituberculata* - SARKAR, p. 56, pl. V, fig. 1a, 1b

***Toxoceras? unionae* (DIMITROVA, 1967)**

- *1967 *Hamulina unionae* - DIMITROVA, p. 83, pl. XL, fig. 1
1991 *Moutoniceras unionae* - DELANOY et al., p. 233
1999 *Toxoceras unionae* - EBBO & DELANOY, p. 85

***Imerites* ROUCHADZE, 1933¹⁵⁹
(1933, p. 255)**

attribute to this species some small specimens of the d'Orbigny collection that evidently come from a different stratigraphic level than the specimens of the Requier collection.

¹⁵⁹ Belongs in the view of VERMEULEN (herein) to the Hemihoplitidae.

=***Escragnolleites*** SARKAR, 1954b, p. 619. TYPE SPECIES: *Crioceras cristatus* D'ORBIGNY, 1842, p. 467, pl. 115, fig. 4, 5, 6, 7, 8 (OD).

TYPE SPECIES: *Heteroceras Giraudi* KILIAN, 1989b, p. 245(199), pl. 3, fig. 5 (OD).

INCLUDED (SUB)SPECIES:

<i>cristatus</i> -	D'ORBIGNY, 1842, p. 467, pl. 115, fig. 4, 5, 6, 7, 8 (LT designated by SARKAR, 1954b, p. 619) (neotype requested)
<i>favrei</i> -	ROUCHADZE, 1933, p. 257, pl. XX, fig. 8, 9 (LT designated by KAKABADZE, 1971, p. 41)
<i>giraudi</i> -	KILIAN, 1889b, p. 199, pl. 3, fig. 4a, 4b (LT designated by KAKABADZE, 1971, p. 40)
<i>giraudi multicostatus</i> -	TOVBINA, 1963, p. 108, pl. III, fig. 1a, 1b, 1c (HT by OD)
<i>michailovae</i> -	KAKABADZE, 1971, p. 44, pl. II, fig. 7a, 7b (HT by OD)
<i>microcostatus</i> -	ROUCHADZE, 1933, p. 264 (LT requested)
<i>sparcicostatus</i> -	ROUCHADZE, 1933, p. 258 (LT requested) ¹⁶⁰

***Imerites cristatus* (D'ORBIGNY, 1842)¹⁶¹**

- *1842 *Crioceras cristatus* - D'ORBIGNY, p. 467, pl. 115, fig. 4, 5, 6, 7, 8
- 1850 *Crioceras cristatus* - D'ORBIGNY, p. 100, n° 623
- 1851 *Ancylloceras cristatus* - ASTIER, p. 440
- 1852 *Crioceras cristatum* - GIEBEL, p. 341
- 1861 *Ancylloceras cristatus* - PICTET & CAMPICHE, p. 43
- ?1863 *Crioceras cristatum* - VON SCHAFFHÄUTL, p. 420, pl. LXXVII, fig. 2a, 2b
- 1883 *Crioceras cristatum* - UHLIG, p. 260
- non1883 *Crioceras (Leptoceras)* n. sp. ind. aff. *cristatum* - UHLIG, p. 272, pl. XXXII, fig. 3 (=Karsteniceras hoheneggeri)
- 1889b *Crioceras cristatum* - KILIAN, p. 435(199)
- 1897 *Crioceras cristatus* - PARONA & BONARELLI, p. 54(2)
- 1910b *Crioceras cristatum* - KILIAN, p. 272
- 1955 *Escragnolleites cristatus* - SARKAR, p. 148
- ?1992 *Imerites giraudi* - DELANOY, p. 125, pl. 35, fig. 6
- 1992 *Imerites* aff. *giraudi* - DELANOY, p. 127, pl. 35, fig. 4, 5
- 1995 *Imerites giraudi* - DELANOY, pl. 2, fig. 5
- non1996 *Imerites cristatus* - WRIGHT et al., p. 228, fig. 178: 2a, 2b (=Imerites giraudi)
- 1998 *Imerites giraudi giraudi* morph. *cristatus* - DELANOY, p. 157, pl. 45, fig. 1 (=DELANOY, 1995, pl. 2, fig. 5), fig. 2, 8, ?fig. 17 (=DELANOY, 1992, pl. 35, fig. 6), fig. 19 (=DELANOY, 1992, pl. 35, fig. 5), fig. 20a, fig. 20b (=DELANOY, 1992, pl. 35, fig. 4), ?fig. 29a, 29b, fig. 34a, 34b, 34c
- 1998 *Crioceras cristatus* - DELANOY, pl. 40, fig. 4a, 4b (=D'ORBIGNY, 1842, pl. 115, fig. 4, 5, 6, 7), fig. 5, 6, 7, 8, 9, 10, 11, 12
- 2006 *Imerites cristatus* - DELANOY in GAUTHIER, p. 138, pl. 23, fig. 11a, 11b, 11c

¹⁶⁰ KAKABADZE, 1971, p. 42 designated as holotype the specimen with the collection number N° 447/1113. without referring to a picture. This is probably pl. XXI, fig. 1 of ROUCHADZE, 1933.

¹⁶¹ See DELANOY, 1998, p. 152 and DELANOY in GAUTHIER, 2006, p. 138 for an extensive discussion about *Imerites cristatus* and *Imerites giraudi*. Probably *Imerites giraudi* is a subjective synonym of *Imerites cristatus*. If this is the case the type species of *Imerites* becomes *Imerites cristatus*. Unfortunately the specimen of *Crioceras cristatus* D'ORBIGNY, 1842, pl. 115 is missing in the collection of d'Orbigny.

- *1933 *Imerites Favrei* - ROUCHADZE, p. 257, pl. XX, fig. 8, 9, text-fig. 52
 1955 *Colchidites (Imerites) favrei* - ERISTAVI, p. 128
 1962 *Imerites favrei* - TOVBINA, p. 85, pl. XLIV, fig. 3a, 3b, 3b
 1963 *Imerites favrei* - TOVBINA, p. 106, pl. II, fig. 4a, 4b, 4b (=TOVBINA, 1962, pl. XLIV, fig. 3a, 3b, 3b)
 1967 *Imerites favrei* - DIMITROVA, p. 66, text-fig. 31 (=ROUCHADZE, 1933, text-fig. 52)
 1970 *Imerites favrei* - KOTETISHVILI, p. 84, pl. XI, fig. 2
 1971 *Imerites favrei* - KAKABADZE, p. 41, pl. I, fig. 4a, 4b (ROUCHADZE, 1933, pl. XX, fig. 8, 9), fig. 5, pl. II, fig. 1, 2a, 2b, text-fig. 12
 1996 *Imerites favrei* - WRIGHT et al., p. 228, fig. 178: 2c, 2d (=TOVBINA, 1962, pl. XLIV, fig. 3a, 3b)
 1997 *Imerites favrei* - IMMEL et al., p. 176, pl. 8, fig. 6
 2000 *Imerites favrei* - RAISOSSADAT & MOUSSAVI-HARAMI, p. 509
 2003 *Imerites giraudi* - KAKABADZE & KOTETISHVILI, fig. 2: 4a, 4b (=KAKABADZE, 1971, pl. II, fig. 2a, 2b)
 2005 *Imerites (Imerites) giraudi giraudi* - KAKABADZE in KOTETISHVILI et al., p. 371, pl. 86, fig. 3a, 3b (=KAKABADZE, 1971, pl. II, fig. 2a, 2b)

***Imerites giraudi* (KILIAN, 1889)**

- *1889b *Heteroceras Giraudi* - KILIAN, p. 199, pl. III, fig. 4a, 4b, 5
 1889b *Heteroceras Orbignyi*, Jaubert in coll. - KILIAN, p. 199
 non1898 *Heteroceras Giraudi* - SIMIONESCU, p. 149(93), pl. 5, fig. 5a, 5b (=Imerites giraudi multicostatus)
 non1936 *Heteroceras (Imerites) giraudi* - LUPPOV, p. 123, pl. I, fig. 5 (=Imerites giraudi multicostatus)
 1937 *Heteroceras Giraudi* - MAZENOT, p. 23 (=KILIAN, 1889b, pl. III, fig. 5)
 non1949 *Colchidites (Imerites) giraudi* - LUPPOV et al., p. 252, pl. LXXVII, fig. 1a, 1b, 1c (=LUPPOV, 1936, pl. I, fig. 5)
 1955 *Colchidites (Imerites) cf. giraudi* - ERISTAVI, p. 127
 1957 *Colchidites (Imerites) giraudi* - ARKELL et al., p. L212
 non1969 *Imerites giraudi* - PATRULIUS, pl. V, fig. 6a, 6b (=SIMIONESCU, 1898, pl. 5, fig. 5a, 5b) (=Imerites giraudi multicostatus)
 1971 *Imerites giraudi* - KAKABADZE, p. 40, pl. I, fig. 1a, 1b (=KILIAN, 1889b, pl. III, fig. 4a, 4b)
 1989 *Imerites giraudi* - CONTE, p. 42, fig. 4a, 4b, 5 on p. 22 (=KILIAN, 1889b, pl. III, fig. 4a, 4b, 5), fig. 6 on p. 43
 1990c *Imerites giraudi* - DELANOY, fig. 1D (=KILIAN, 1889b, pl. III, fig. 4a)
 1992 *Imerites giraudi* - DELANOY, p. 125, pl. 37, fig. 5a, 5b, pl. 38, fig. 2, 3, 5a, 5b, 8, ?pl. 35, fig. 6 (=Imerites cristatus)
 non1992 *Imerites aff. giraudi* - DELANOY, p. 127, pl. 35, fig. 4, 5 (=Imerites cristatus)
 1995 *Imerites giraudi* - AVRAM, pl. 14, fig. 1, 2
 1995 *Imerites giraudi* - DELANOY, p. 298, pl. 1, fig. 3, non pl. 2, fig. 5 (=Imerites cristatus)
 1996 *Imerites cristatus* - WRIGHT et al., p. 228, fig. 178: 2a, 2b (=KILIAN, 1889b, pl. III, fig. 4a, 4b)
 1997 *Imerites giraudi* - AGUADO et al., p. 313, fig. 5b
 1998 *Imerites giraudi giraudi* - DELANOY, p. 156, pl. 45, fig. 5 (=DELANOY, 1992, pl. 38, fig. 8), fig. 7, fig. 10a, 10b (=DELANOY, 1992, pl. 37, fig. 5a, 5b), fig. 30a, 30b, text-fig. 101, 102, table 33
 1998 *Imerites giraudi giraudi morphe giraudi* - DELANOY, p. 157, pl. 45, fig. 3, 4 (=KILIAN, 1889b, pl. III, fig. 4a, 5), fig. 6, fig. 9 (=DELANOY, 1992, pl. 38, fig. 3), fig. ?11a, 11b, 14a, 14b, 15, fig. 16 (=DELANOY, 1992, pl. 38, fig. 2), fig. 21 (=DELANOY, 1995, pl. 1, fig. 3), fig. 22 (=DELANOY, 1992, pl. 38, fig. 5b), fig. 24, 25, 27a, 27b, ?31
 1998 *Imerites cf. giraudi* - ARNAUD et al., pl. 5, fig. 10

non2003 *Imerites giraudi* - KAKABADZE & KOTETISHVILI, fig. 2: 4a, 4b (= *Imerites favrei*)
 non2005 *Imerites (Imerites) giraudi giraudi* - KAKABADZE in KOTETISHVILI et al., p. 371, pl. 86,
 fig. 3a, 3b (=KAKABADZE, 1971, pl. II, fig. 2a, 2b) (= *Imerites favrei*)

***Imerites giraudi multicostatus* TOVBINA, 1963**

- 1898 *Heteroceras Giraudi* - SIMIONESCU, p. 149(93), pl. 5, fig. 5a, 5b
 1936 *Heteroceras (Imerites) giraudi* - LUPPOV, p. 123, pl. I, fig. 5
 *1963 *Imerites giraudi* var. *multicostata* - TOVBINA, p. 108, pl. III, fig. 1a, 1b, 1b, 2
 1969 *Imerites giraudi* - PATRULIUS, pl. V, fig. 6a, 6b (=SIMIONESCU, 1898, pl. 5, fig. 5a, 5b)
 1971 *Imerites giraudi multicostatus* - KAKABADZE, p. 41, pl. I, fig. 2, fig. 3a, 3b, 3b (=TOVBINA,
 1963, pl. III, fig. 1a, 1b, 1b)
 1995 *Imerites giraudi multicostatus* - AVRAM, pl. 14, fig. 3

***Imerites michailovae* KAKABADZE, 1971**

- *1971 *Imerites michailovae* - KAKABADZE, p. 44, pl. II, fig. 7a, 7b, text-fig. 15, 16

***Imerites microcostatus* ROUCHADZE, 1933**

- *1933 *Imerites microcostatus* - ROUCHADZE, p. 264, pl. XXI, fig. 11, 12, 13, 14
 1955 *Colchidites microcostatus* - ERISTAVI, p. 124
 1970 *Imerites microcostatus* - KOTETISHVILI, p. 88, pl. XV, fig. 4, 5

***Imerites sparcicostatus* ROUCHADZE, 1933**

- *1933 *Imerites sparcicostatus* - ROUCHADZE, p. 258, pl. XXI, fig. 1
 1955 *Colchidites (Imerites) sparcicostatus* - ERISTAVI, p. 128
 1963 *Imerites* cf. *sparcicostatus* - TOVBINA, p. 110, pl. III, fig. 4
 1970 *Imerites sparcicostatus* - KOTETISHVILI, p. 84, pl. XIII, fig. 2
 1971 *Imerites sparcicostatus* - KAKABADZE, p. 42, pl. II, fig. 3, fig. 4 (=KOTETISHVILI, 1970, pl.
 XIII, fig. 2), text-fig. 13, 14
 1992 *Imerites sparcicostatus* - DELANOY, p. 128, pl. 35, fig. 7
 2005 *Imerites (Imerites) sparcicostatus* - KAKABADZE in KOTETISHVILI et al., p. 371, pl. 86, fig.
 2 (=KOTETISHVILI, 1970, pl. XIII, fig. 2)

***Paraimerites* KAKABADZE, 1967 (1967, p. 440)**

TYPE SPECIES: *Heteroceras densecostatum* RENNGARTEN, 1926, p. 36 (OD).

INCLUDED (SUB)SPECIES:

<i>brevihelicoides</i> -	KAKABADZE, 1971, p. 91, pl. XXI, fig. 1, text-fig. 65a, 65b, 65b (HT by OD)
<i>densecostatus</i> -	RENNGARTEN, 1926, p. 36 (LT requested)
<i>densecostatus dextrus</i> -	RENNGARTEN, 1926, p. 37 (LT requested)
<i>densecostatus sinisterus</i> -	RENNGARTEN, 1926, p. 37 (LT requested)
<i>?gumbriensis</i> -	ROUCHADZE, 1933, p. 265 (LT requested) ¹⁶²
<i>haughtoni</i> -	KLINGER, KAKABADZE & KENNEDY, 1984, p. 46, fig. 10A, 10B, 10C (HT by OD)
<i>katsharavai</i> -	ROUCHADZE, 1933, p. 262 (LT requested) ¹⁶³

¹⁶² KAKABADZE, 1971, p. 89 designated as holotype the specimen with the collection number N° 496/1162 without referring to a picture. This is probably pl. XXII, fig. 3 of ROUCHADZE, 1933.

<i>ladjanuriensis</i> -	ROUCHADZE, 1933, p. 260 (LT requested) ¹⁶⁴
<i>planus</i> -	ROUCHADZE, 1933, p. 262 (LT requested) ¹⁶⁵
<i>semituberculatus</i> -	ROUCHADZE, 1933, p. 263 ¹⁶⁶
<i>tsholashensis</i> -	ROUCHADZE, 1933, p. 261, pl. XXI, fig. 4 (=LT designated by KAKABADZE, 1971, p. 92),
<i>tsholashensis balchanicus</i> -	KAKABADZE, 1971, p. 93, pl. 22, fig. 4 (HT by OD)

***Paraimerites brevihelicoides* KAKABADZE, 1971**

- *1971 *Paraimerites brevihelicoides* - KAKABADZE, p. 91, pl. XXI, fig. 1, text-fig. 65a, 65b, 65b
 ?1995 *Paraimerites* sp. - DELANOY, p. 290, pl. 2, fig. 6
 ?1998 *Paraimerites* sp. - DELANOY, p. 160, pl. 46, fig. 7 (=DELANOY, 1995, pl. 2, fig. 6), text-fig. 103, 104C, table 34
 2005 *Paraimerites brevihelicoides* - KAKABADZE in KOTETISHVILI et al., p. 378, pl. 90, fig. 1 (=KAKABADZE, 1971, pl. XXI, fig. 1)

***Paraimerites densecostatus* (RENNGARTEN, 1926)¹⁶⁷**

- *1926 *Heteroceras densecostatum* - RENNGARTEN, p. 36
 1926 *Heteroceras densecostatum* var. *dextra* - RENNGARTEN, p. 37, pl. II, fig. 13a, 13b, 13c, 14a, 14b, pl. IX, fig. 8
 1926 *Heteroceras densecostatum* var. *sinistra* - RENNGARTEN, p. 37, pl. II, fig. 15a, 15b, 16a, 16b, 16c
 1933 *Imerites densecostatus* - ROUCHADZE, p. 259
 1946 *Imerites* aff. *densecostatus* - ERISTAVI, p. 212, pl. I, fig. 3
 1949 *Colchidites (Imerites) densecostatus* - LUPPOV et al., p. 253, pl. LXXVII, fig. 2a, 2b, 2c (=RENNGARTEN, 1926, pl. II, fig. 16a, 16b, 16c), 3a, 3b (=RENNGARTEN, 1926, pl. II, fig. 15a, 15b), text-fig. 82 (=RENNGARTEN, 1926, pl. IX, fig. 8)
 1955 *Colchidites (Imerites) densecostatus* - ERISTAVI, p. 129
 1960 *Imerites densecostatus* - DRUSHCHITS, p. 296, pl. XXXIII, fig. 4a, 46
 1970 *Imerites densecostatus* - KOTETISHVILI, p. 86
 1971 *Paraimerites densecostatus* - KAKABADZE, p. 88, pl. XX, fig. 5a, 56
 1996 *Imerites densecostatus* - WRIGHT et al, p. 228
 2005 *Paraimerites densecostatus* - KAKABADZE in KOTETISHVILI et al., p. 377, pl. 89, fig. 3a, 36 (=KAKABADZE, 1971, pl. XX, fig. 5a, 56)

***Paraimerites? gumbriensis* (ROUCHADZE, 1933)**

- *1933 *Imerites gumbriensis* - ROUCHADZE, p. 265, pl. XXII, fig. 3, 4, text-fig. 54
 1955 *Colchidites (Imerites) gumbriensis* - ERISTAVI, p. 129
 1970 *Imerites gumbriensis* - KOTETISHVILI, p. 87

¹⁶³ KAKABADZE, 1971, p. 87 designated as holotype the specimen with the collectionnumber N° 485/1151 without referring to a picture. This is probably pl. XXI, fig. 7 of ROUCHADZE, 1933.

¹⁶⁴ KAKABADZE, 1971, p. 89 designated as holotype the specimen with the collectionnumber N° 432/1138 without referring to a picture. This is probably pl. XXII, fig. 3a, 36 of ROUCHADZE, 1933.

¹⁶⁵ KAKABADZE, 1971, p. 86 designated as holotype the specimen with the collectionnumber N° 487/1153 without referring to a picture. This is probably pl. XX, fig. 3a, 36 of ROUCHADZE, 1933.

¹⁶⁶ KAKABADZE, 1971, p. 84 designated as neotype the specimen with the collectionnumber N° 374/45 without a description and a picture.

¹⁶⁷ RENNGARTEN, 1926 did not designate a holotype for his *Heteroceras densecostatum*. He described according to the text one specimen depicted on pl. II, fig. 13a, 13b, 13c. On page 37 he established two variations *Heteroceras densecostatum* var. *dextra* (right coiling) for pl. II, fig. 13a, 13b, 13c, 14a, 14b and *Heteroceras densecostatum* var. *sinistra* (left coiling) for pl. II, fig. 15a, 15b, 16a, 16b, 16c. Unfortunately in the legend of plate II *dextra* and *sinistra* are exchanged. KAKABADZE, 1971, p. 88 established a holotype but for two specimens: plate II, fig. 15 and fig. 16.

- 1971 *Paraimerites gumbriensis* - KAKABADZE, p. 89, pl. XXII, fig. 5a, 5b, 6a, 6b, 7a, 7b, text-fig. 63, 64
- 1984 *Paraimerites* sp. ex gr. p. *gumbriensis* - KLINGER, KAKABADZE & KENNEDY, p. 47, fig. 10E, 10F
- 2005 *Paraimerites gumbriensis* - KAKABADZE in KOTETISHVILI et al., p. 377, pl. 89, fig. 2a, 2b (=KAKABADZE, 1971, pl. XXII, fig. 5a, 5b)

***Paraimerites haughtoni* KLINGER, KAKABADZE & KENNEDY, 1984**

- 1976 *Paraimerites* sp. - KLINGER, p. 18, pl. 2, fig. 1a, 1b, pl. 3, fig. 3, text-fig. 6h
- *1984 *Paraimerites haughtoni* - KLINGER, KAKABADZE & KENNEDY, p. 46, fig. 10A, 10B, 10C (=KLINGER, 1976, pl. 2, fig. 1a, 1b)
- 1986 *Paraimerites haughtoni* - AGUIRRE-URRETA & KLINGER, fig. 26E, 26F, 26G

***Paraimerites katsharavai* (ROUCHADZE, 1933)**

- *1933 *Imerites Katsharavai* - ROUCHADZE, p. 262, pl. XXI, fig. 7
- 1955 *Colchidites (Imerites) katscharavai* - ERISTAVI, p. 129
- 1963 *Imerites* aff. *katscharavai* - TOVBINA, p. 108, pl. III, fig. 3
- 1970 *Imerites katsharavai* - KOTETISHVILI, p. 87, pl. XV, fig. 2a, 2b
- 1971 *Paraimerites katsharavai* - KAKABADZE, p. 87, pl. XXII, fig. 1a, 1b (=KOTETISHVILI, 1970, pl. XV, fig. 2a, 2b)

***Paraimerites ladjanuriensis* (ROUCHADZE, 1933)**

- *1933 *Imerites ladjanuriensis* - ROUCHADZE, p. 260, pl. XXII, fig. 1
- 1955 *Colchidites (Imerites) ladjanuriensis* - ERISTAVI, p. 129
- 1970 *Imerites ladjanuriensis* - KOTETISHVILI, p. 86, pl. XV, fig. 1a, 1b
- 1971 *Paraimerites ladjanuriensis* - KAKABADZE, p. 89, pl. XXII, fig. 3a, 3b, text-fig. 62

***Paraimerites planus* (ROUCHADZE, 1933)**

- *1933 *Imerites planus* - ROUCHADZE, p. 262, pl. XXI, fig. 8, 9
- 1955 *Colchidites planus* - ERISTAVI, p. 124
- 1970 *Imerites planus* - KOTETISHVILI, p. 88, pl. XV, fig. 6a, 6b
- 1971 *Paraimerites planus* - KAKABADZE, p. 86, pl. XX, fig. 3a, 3b, text-fig. 58
- 2005 *Paraimerites planus* - KAKABADZE in KOTETISHVILI et al., p. 376, pl. 89, fig. 1a, 1b (=KAKABADZE, 1971, pl. XX, fig. 3a, 3b)

***Paraimerites semituberculatus* (ROUCHADZE, 1933)**

- *1933 *Imerites semituberculatus* - ROUCHADZE, p. 263, pl. XXI, fig. 10
- 1955 *Colchidites semituberculatus* - ERISTAVI, p. 124
- 1970 *Imerites semituberculatus* - KOTETISHVILI, p. 87, pl. XV, fig. 3
- 1971 *Paraimerites semituberculatus* - KAKABADZE, p. 84, pl. XX, fig. 1a, 1b, 2, fig. 4 (=KOTETISHVILI, 1970, pl. XV, fig. 3), fig. 6, text-fig. 56, 57

***Paraimerites tsholashensis* (ROUCHADZE, 1933)**

- *1933 *Imerites tsholashensis* - ROUCHADZE, p. 261, pl. XXI, fig. 3, 4, 5
- 1933 *Imerites* aff. *tsholashensis* - ROUCHADZE, p. 261, pl. XXI, fig. 6
- 1955 *Colchidites (Imerites) tscholaschensis* - ERISTAVI, p. 129
- 1955 *Colchidites (Imerites)* aff. *tscholaschensis* - ERISTAVI, p. 129
- 1970 *Imerites tsholashensis* - KOTETISHVILI, p. 87, pl. XIV, fig. 4

- 1971 *Paraimerites tsholashensis* - KAKABADZE, p. 92, pl. XXII, fig. 2, text-fig. 66
(=ROUCHADZE, 1933, pl. XXI, fig. 4)
- 1999a *Colchidites* aff. *tsholashensis* - ROPOLO, GONNET & CONTE, p. 161, pl. 3, fig. 3a, 3b
- 1999b *Colchidites* aff. *tsholashensis* - ROPOLO, GONNET & CONTE, pl. 1, fig. 3 (=ROPOLO, GONNET & CONTE, 1999a, pl. 3, fig. 3a)

***Paraimerites tholashkensis balchanicus* KAKABADZE, 1971**

- *1971 *Paraimerites tsholashensis balchanicus* - KAKABADZE, p. 93, pl. XXII, fig. 4, text-fig. 67

***Eristavia* KAKABADZE, 1971**

(1971, p. 44)

(KAKABADZE, 1967, p. 440 nomen nudum)¹⁶⁸

TYPE SPECIES: *Colchidites (Imerites) dichotomus* ERISTAVI, 1955, p. 128 (ROUCHADZE, 1933, pl. XXI, fig. 2) (OD).

INCLUDED (SUB)SPECIES:

- | | |
|----------------------|---|
| <i>collignoni</i> - | THOMEL, 1965a, p. 33, pl. VI, fig. 4 (HT by OD) ¹⁶⁹ |
| <i>dichotoma</i> - | ERISTAVI, 1955, p. 128 (HT by OD ROUCHADZE, 1933, pl. XXI, fig. 2) |
| <i>thomeli</i> - | IMMEL, 1978, p. 53 ¹⁷⁰ (new name for <i>Crioceratites (Emericeras) collignoni</i> , THOMEL, 1965a) |
| <i>tvishiensis</i> - | KAKABADZE, 1971, p. 46, pl. III, fig. 5a, 5b (HT by OD) |
| <i>varnensis</i> - | NIKOLOV, 1964, p. 125, pl. IV, fig. 3 (HT by OD) |

***Eristavia dichotoma* (ERISTAVI, 1955)**

- 1933 *Imerites* sp. ind. A - ROUCHADZE, p. 258, pl. XXI, fig. 2
- *1955 *Colchidites (Imerites) dichotomum* - ERISTAVI, p. 128
- 1965a *Crioceratites (Emericeras) collignoni* - THOMEL, p. 33, pl. VI, fig. 4, text-fig. 3
- 1970 *Imerites dichotomum* - KOTETISHVILI, p. 85, pl. XIV, fig. 2
- 1971 *Eristavia dichotoma* - KAKABADZE, p. 45, pl. II, fig. 5, fig. 6a, 6b (=ROUCHADZE, 1933, pl. XXI, fig. 2), text-fig. 17
- 1978 *Crioceratites (Criceratites) thomeli* - IMMEL, p. 53, text-fig. 8b (=THOMEL, 1965a, pl. VI, fig. 4)
- 1990c *Eristavia collignoni* - DELANOY, p. 261, fig. 1A, 1B, 1C
- 1992 *Imerites dichotomum* - DELANOY, p. 124, pl. 36, fig. 8, pl. 38, fig. 4
- 1995 *Eristavia dichotoma* - AVRAM, p. 124, pl. 14, fig. 4
- 1995 *Imerites* aff. *dichotomum* - DELANOY, pl. 2, fig. 2, 3
- 1995 *Imerites dichotomum* - DELANOY, pl. 2, fig. 4, pl. 3, fig. 1
- 1998 *Imerites giraudi dichotomum* - DELANOY, text-fig. 100, 102, table 32
- 1998 *Imerites giraudi dichotomum* morph. *dichotomum* - DELANOY, p. 153, pl. 45, fig. 13, fig. 23 (=DELANOY, 1992, pl. 38, fig. 4), fig. 28 (=DELANOY, 1995, pl. 2, fig. 2), ?fig. 33 (=DELANOY, 1995, pl. 2, fig. 3), fig. 35
- 1998 *Imerites giraudi dichotomum* morph. *collignoni* - DELANOY, p. 154, pl. 45, ?fig. 12a, 12b, fig. 18 (=DELANOY, 1992, pl. 36, fig. 8), fig. 26, fig. 32 (=DELANOY, 1995, pl. 2, fig. 4)
- 2004 *Eristavia* cf. *dichotoma* n. ssp. - PATRULIUS & AVRAM, p. 332
- 2005 *Imerites (Eristavia) dichotoma* - KAKABADZE in KOTETISHVILI et al., p. 372, pl. 87, fig. 3a, 3b (=ROUCHADZE, 1933, pl. XXI, fig. 2)

¹⁶⁸ Does not fulfil the requirements of ICZN article 13.3. (no fixation of a type species).

¹⁶⁹ In the view of VERMEULEN (herein) a junior synonym of *Imerites giraudi*.

¹⁷⁰ Unnecessary nomen novum for *Crioceratites (Emericeras) collignoni* THOMEL, 1965.

***Eristavia tvishiensis* KAKABADZE, 1971**

- *1971 *Eristavia tvishiensis* - KAKABADZE, p. 46, pl. III, fig. 5a, 56
2000 *Imerites (Eristavia) tvishiensis* - KOTETISHVILI, KAKABADZE & KAKABADZE, p. 79
2005 *Imerites (Eristavia) tvishiensis* - KAKABADZE in KOTETISHVILI et al., p. 372, pl. 87, fig. 7a, 76 (=KAKABADZE, 1971, pl. III, fig. 5a, 56)

***Eristavia varnensis* (NIKOLOV, 1964)**

- *1964 *Colchidites (Imerites) varnensis* - NIKOLOV, p. 125, pl. IV, fig. 3
1967 *Imerites varnensis* - DIMITROVA, p. 66, pl. XXXIX, fig. 3 (=NIKOLOV, 1964, pl. IV, fig. 3)
1971 *Eristavia varnensis* - KAKABADZE, p. 46, pl. II, fig. 8, text-fig. 18 (=NIKOLOV, 1964, pl. IV, fig. 3)

***Argvethites* ROUCHADZE, 1933¹⁷¹
(1933, p. 233)**

TYPE SPECIES: *Heteroceras (Argvethites) minor* ROUCHADZE, 1933, p. 234, p. XIII, fig. 6; SD by KAKABADZE, 1975, p. 94.

INCLUDED (SUB)SPECIES:

- | | |
|-----------------------------|---|
| <i>balchanicus</i> - | KAKABADZE, 1975, p. 97, pl. II, fig. 4 (HT by OD) |
| <i>belaiaensis</i> - | KAKABADZE, 1975, p. 100, pl. V, fig. 3 (HT by OD) |
| <i>densocostatus</i> - | KAKABADZE, 1975, p. 101, pl. VII, fig. 1a, 16 (HT by OD) |
| <i>?furcatus</i> - | D'ORBIGNY, 1842, p. 509, pl. 127, fig. 8 (LT designated by NIKOLOV, 1964, p. 124) ¹⁷² (nomen dubium) |
| <i>godoganiensis</i> - | KAKABADZE, 1975, p. 96, pl. V, fig. 6a, 66, 6b (HT by OD) |
| <i>lashensis</i> - | ROUCHADZE, 1933, p. 235, pl. XIV, fig. 2 (LT designated by KAKABADZE, 1975, p. 95) |
| <i>lashensis communis</i> - | ROUCHADZE, 1933, p. 236, pl. XIV, fig. 4 (LT designated by KAKABADZE, 1975, p. 95) |
| <i>minor</i> - | ROUCHADZE, 1933, p. 234, pl. XIII, fig. 6 (LT designated by KAKABADZE, 1975, p. 95) |
| <i>raricostatus</i> - | KAKABADZE, 1975, p. 96, pl. 6, fig. 3a, 36, 3b (HT by OD) |
| <i>?subfurcatus</i> - | PATRULIUS, 1969, pl. VI, fig. 6a, 6b (HT by OD) (nomen nudum) ¹⁷³ |
| <i>voirgeresi</i> - | DELANOY, 1998, p. 167, pl. 46, fig. 1a, 1b (HT by OD) |
| <i>znakvensis</i> - | KAKABADZE, 1975, p. 98, pl. III, fig. 2 (HT by OD) |

¹⁷¹ In the view of VERMEULEN, 2006 this genus is an offshoot of *Toxoceratoides* and belongs to the Acrioceratidae. He considered the helically coiling of the initial whorls not as a specific characteristic of the Heteroceratidae. In the view of DELANOY (herein) the palaeontological information about *Argvethites* is too poor to consider this genus as a member of the Acrioceratidae. He thinks that the genus in the present conception could be a polyphyletic and artificial one. We tentatively keep this genus in the Heteroceratidae.

¹⁷² According to D'ORBIGNY, 1842, page 510 the drawing is a restoration based on specimens of his collection and that of Émeric. SARKAR, 1955, page 120 could not find the specimens in the d'Orbigny collection. Also BUSNARDO in GAUTHIER, 2006 could not find specimens under that name in the Émeric and d'Orbigny collections. '*Ancyloceras*' *furcatum* is in the view of VERMEULEN, 2006 the oldest representative of *Argvethites* from the *Toxancyloceras vandenheckii* Zone. According to DELANOY (herein) '*Ancyloceras*' *furcatum* seems to have a planispiral form in the early stage, quite different from the helicoidal form in the early stage of the species of *Argvethites* that he and others found in the *Imerites giraudi* Zone and *Martelites sarasini* Zone.

¹⁷³ Does not fulfil the requirements of ICZN article 13.1.1. (no differentia of the new taxon).

***Argvethites balchanicus* KAKABADZE, 1975**

- 1933 *Argvethites* sp. ind. - ROUCHADZE, p. 236, pl. XIV, fig. 5, text-fig. 39
 *1975 *Argvethites balchanicus* - KAKABADZE, p. 97, pl. II, fig. 4

***Argvethites belaiensis* KAKABADZE, 1975**

- 1933 *Argvethites lashensis* - ROUCHADZE, pl. XIV, fig. 1
 *1975 *Argvethites belaiensis* - KAKABADZE, p. 100, pl. V, fig. 3, pl. VI, fig. 5 (=ROUCHADZE, 1933, pl. XIV, fig. 1), pl. VIII, fig. 8a, 8b, 8b
 1996 *Heteroceras (Argvethites) lashense* - WRIGHT et al., fig. 178: 3b (=ROUCHADZE, 1933, pl. XIV, fig. 1)
 2005 *Heteroceras (Argvethites) belaiensis* - KAKABADZE in KOTETISCHVILI et al., p. 369, pl. 85, fig. 3 (=ROUCHADZE, 1933, pl. XIV, fig. 1)

***Argvethites densecostatus* KAKABADZE, 1975**

- *1975 *Argvethites densecostatus* - KAKABADZE, p. 101, pl. VI, fig. 1a, 1b, 2, pl. VII, fig. 1a, 1b, pl. VIII, fig. 4a, 4b

***Argvethites? furcatus* (D'ORBIGNY, 1842)¹⁷⁴**

- *1842 *Ancyloceras furcatus* - D'ORBIGNY, p. 509, pl. 127, fig. 8, 9, 10, 11, 12
 1850 *Ancyloceras furcatus* - D'ORBIGNY, p. 101, n° 628
 1852 *Ancyloceras furcatum* - GIEBEL, p. 317
 ?1860 *Ancyloceras furcatum* - OOSTER, p. 59, pl. 45, fig. 5
 1861 *Ancyloceras furcatus* - PICTET & CAMPICHE, p. 45
 1875a *Crioceras furcatum* - NEUMAYR, p. 691
 1889a *Crioceras furcatum* - KILIAN, p. 232
 1890 *Crioceras furcatum* - PARONA, p. 299(23)
 ?1897 *Crioceras (Ancyloceras) cf. furcatum* - KARAKASCH, p. 30, pl. IV, fig. 17a, 17b, 17d, non 17c, 17e
 non1898 *Crioceras furcatum* - SIMIONESCU, p. 146(90), pl. IV, fig. 7a, 7b (=Argvethites? subfurcatus)
 1900 *Crioceras furcatum* - SIMIONESCU, p. 518
 1902 *Crioceras furcatum* - SARASIN & SCHÖNDELMAYER, p. 103
 1910b *Crioceras furcatum* - KILIAN, p. 246
 1914 *Crioceras cf. furcatum* - KAZANSKY, p. 41
 ?1919 *Crioceras furcatum* - RODIGIERO, p. 116(80)
 1926 *Acriceras furcatum* - RENNGARTEN, p. 34
 1955 «*Ancyloceras*» *furcatum* - SARKAR, p. 120
 1960 *Acriceras furcatum* - DRUSHCHITS, p. 294, pl. XXXII, fig. 4a, 4b, 5a, 5b
 1964 *Acriceras furcatum* - NIKOLOV, p. 124, pl. III, fig. 3a, 3b
 1967 *Paraspinoceras furcatum* - DIMITROVA, p. 56, text-fig. 23 (=D'ORBIGNY, 1842, pl. 127, fig. 12), ?pl. XX, fig. 5 (=NIKOLOV, 1964, pl. III, fig. 3a, 3b)
 1976 *Lytocrioceras (?) aff. furcatum* - OBATA et al., p. 133, pl. 1, fig. 3
 1999a *Acriceras ex gr. furcatum* - ROPOLO, GONNET & CONTE, p. 167, pl. 1, fig. 3
 1999b *Acriceras ex gr. furcatum* - ROPOLO, GONNET & CONTE, pl. 3, fig. 5 (=ROPOLO, GONNET & CONTE, 1999a, p. 167, pl. 1, fig. 3)
 2000 *Lytocrioceras (?) furcatum* - TOSHIMITSU & HIRANO, p. 58
 2006 *Ancyloceras furcatum* - BUSNARDO in GAUTHIER, p. 152
 2006 *Argvethites furcatum* - VERMEULEN, p. 152

¹⁷⁴ Because this species is uninterpretable, we have incorporated the references without comment.

- 1946 *Heteroceras (Argvethites)* nov. sp. - ERISTAVI, p. 212, pl. I, fig. 5
 1955 *Heteroceras (Argvethites)* nov. sp. - ERISTAVI, p. 119
 *1975 *Argvethites godoganiensis* Eristavi - KAKABADZE, p. 96, pl. V, fig. 6a, 6b, 6B (=ERISTAVI, 1946, pl. I, fig. 5)
 non2004 *Argvethites godoganiensis* - PATRULIUS & AVRAM, p. 332 (=Argvethites? *subfircatus*)

***Argvethites lashensis* ROUCHADZE, 1933**

- *1933 *Argvethites lashensis* - ROUCHADZE, p. 235, pl. XIV, fig. 2, text-fig. 37, non pl. XIV, fig. 1 (=Argvethites *belaiaensis*), non pl. XV, fig. 5, 6¹⁷⁵
 1955 *Heteroceras (Argvithes) laschensis* - ERISTAVI, p. 119
 1957 *Heteroceras (Argvethites) lashense* - ARKELL et al., p. L212
 1970 *Heteroceras (Argvethites) lashensis* - KOTETISHVILI, p. 77, pl. IX, fig. 5a, 5b
 1975 *Argvethites lashensis* - KAKABADZE, p. 95, pl. V, fig. 4a, 4b, pl. VI, fig. 4a, 4b, pl. VII, fig. 3a (=ROUCHADZE, 1933, pl. XIV, fig. 2), fig. 3b, pl. VIII, fig. 9
 1992 *Argvethites* sp. gr. *lashensis* (forme 1) - DELANOY, p. 116, pl. 36, fig. 7a, 7b
 1992 *Argvethites* sp. gr. *lashensis* (forme 2) - DELANOY, p. 117, pl. 38, fig. 6
 1995 *Argvethites* cf. *lashensis* - AVRAM, p. 124, pl. 14, fig. 5
 1996 *Heteroceras (Argvethites) lashense* - WRIGHT et al., p. 227, fig. 178: 3a (=ROUCHADZE, 1933, pl. XIV, fig. 2), non fig. 178: 3b (=ROUCHADZE, 1933, pl. XIV, fig. 1) (=Argvethites *belaiaensis*)
 1998 *Argvethites* sp. gr. *laschensis* (forme 1) - DELANOY, p. 172, pl. 12, fig. 1a, 1b (=DELANOY, 1992, pl. 36, fig. 7a, 7b), fig. 1c, text-fig. 109, table 39
 1998 *Argvethites* sp. gr. *laschensis* (forme 2) - DELANOY, p. 174, pl. 53, fig. 3 (=DELANOY, 1992, pl. 38, fig. 6), table 40
 2005 *Heteroceras (Argvethites) lashensis* - KAKABADZE in KOTETISHVILI et al., p. 368, pl. 87, fig. 5a (=ROUCHADZE, 1933, pl. XIV, fig. 2), fig. 5b

***Argvethites lashensis communis* ROUCHADZE, 1933**

- *1933 *Argvethites communis* - ROUCHADZE, p. 236, pl. XIV, fig. 3, 4, text-fig. 38, non pl. XV, fig. 8¹⁷⁶
 1955 *Heteroceras (Argvithes) communis* - ERISTAVI, p. 119
 1975 *Argvethites lashensis communis* - KAKABADZE, p. 95, pl. V, fig. 1a (=ROUCHADZE, 1933, pl. XIV, fig. 4), fig. 1b, fig. 2 (=ROUCHADZE, 1933, pl. XIV, fig. 3), pl. VIII, fig. 6
 1989 *Argvethites* cf. *communis* - CONTE, p. 39, fig. 3 on p. 40

***Argvethites minor* ROUCHADZE, 1933**

- *1933 *Argvethites minor* - ROUCHADZE, p. 234, pl. XIII, fig. 6, non pl. XV, fig. 4¹⁷⁷
 1955 *Heteroceras (Argvithes) minor* - ERISTAVI, p. 119
 1975 *Heteroceras (Argvethites) minor* - KAKABADZE, p. 94, pl. I, fig. 3, pl. IV, fig. 4 (=ROUCHADZE, 1933, pl. XIII, fig. 6)
 2004 *Argvethites* cf. *minor* - PATRULIUS & AVRAM, p. 335

***Argvethites raricostatus* KAKABADZE, 1975**

- *1975 *Argvethites raricostatus* - KAKABADZE, p. 96, pl. VI, fig. 3a, 3b, 3c, pl. VIII, fig. 10a, 10b, 10c

¹⁷⁵ *Lapsus calami.*

¹⁷⁶ *Lapsus calami.*

¹⁷⁷ *Lapsus calami.*

2005 *Heteroceras (Argvethites) raricostatus* - KAKABADZE in KOTETISHVILI et al., p. 369, pl. 87, fig. 2a, 2b (=KAKABADZE, 1975, pl. VI, fig. 3a, 3b)

***Argvethites? subfurcatus* (PATRULIUS, 1969)**

- 1898 *Crioceras furcatum* - SIMIONESCU, p. 146(90), pl. IV, fig. 7a, 7b
 *1969 *Toxoceratoides subfurcatum* - PATRULIUS, pl. VI, fig. 6a, 6b (=SIMIONESCU, 1898, pl. IV, fig. 7a, 7b)
 ?1976 *Anahamulina* aff. *subcylindrica* - OBATA et al., pl. 2, fig. 2a, 2b, text-fig. 6: 2a, 2b
 ?1988 *Heteroceras (Argvethites)* sp. - MATSUKAWA, p. 402, fig. 3: 3a, 3b, 3c, 3d, fig. 6 (=OBATA et al., 1976, fig. 2a, 2b, text-fig. 6: 2a, 2b)
 ?1989 *Argvethites* (?) cf. *subfurcatus* - CONTE, p. 39, fig. 12 on p. 41
 2004 *Argvethites godoganiensis* - PATRULIUS & AVRAM, p. 332 (=SIMIONESCU, 1898, pl. IV, fig. 7a, 7b)

***Argvethites vourgeresi* DELANOY, 1998**

- *1998 *Argvethites vourgeresi* - DELANOY, p. 167, pl. 46, fig. 1a, 1b, 2, 3, text-fig. 107, table 37

***Argvethites znakvensis* KAKABADZE, 1975**

- *1975 *Argvetithes znakvensis* - KAKABADZE, p. 98, pl. III, fig. 2
 1998 *Argvetithes znakvensis* - DELANOY, p. 171, pl. 20, fig. 6, 7a, 7b, text-fig. 108, table 38
 2005 *Heteroceras (Argvetithes) znakvensis* - KAKABADZE in KOTETISHVILI et al., p. 370, pl. 85, fig. 4 (=KAKABADZE, 1975, pl. III, fig. 2)

?*Turkmeniceras* TOVBINA, 1963

(1963, p. 100)

(TOVBINA, 1962, p. 84 nomen nudum)¹⁷⁸

TYPE SPECIES: *Turkmeniceras turkmenicum* TOVBINA, 1963, p. 103, pl. I, fig. 1 (OD).

INCLUDED (SUB)SPECIES:

<i>antiquus</i> -	BOGDANOVA, 1983, p. 138, pl. II, fig. 5 (HT by OD)
<i>geokderense</i> -	TOVBINA, 1963, p. 105, pl. II, fig. 2a, 2b, 2c (HT by OD)
<i>multicostatum</i> -	TOVBINA, 1963, p. 104, pl. I, fig. 4a, 4b, 4c (HT by OD)
<i>rarecostatum</i> -	BOGDANOVA, 1971b, p. 339, pl. VI, fig. 3a, 3b (HT by OD)
<i>tovbinae</i> -	BOGDANOVA & MIKHAILOVA, 2004, p. 201, pl. 1, fig. 7a, 7b, 7c, text-fig. 8 (HT by OD)
<i>tumidum</i> -	BOGDANOVA, 1971b, p. 342, pl. 6, fig. 5a, 5b, 5c (HT by OD)
<i>turkmenicum</i> -	TOVBINA, 1963, p. 103, pl. I, fig. 1 (HT by OD)
<i>turkmenicum longicostatum</i> -	TOVBINA, 1963, p. 104, pl. I, fig. 6 (HT by OD)
<i>turkmenicum longum</i> -	TOVBINA, 1962, p. 84 (nomen nudum) ¹⁷⁹

***Turkmeniceras geokderense* TOVBINA, 1963**

- 1962 *Turkmeniceras geokderense* - TOVBINA, p. 84, pl. XLIV, fig. 2a, 2b, 2c (nomen nudum)¹⁸⁰

¹⁷⁸ Does not fulfil the requirements of ICZN article 13.1.1. (no differentia of the new taxon) and 13.3 (no fixation of a type species).

¹⁷⁹ Does not fulfil the requirements of ICZN article 13.1.1. (no differentia of the new taxon) and 13.3 (no fixation of a type species).

- *1963 *Turkmeniceras geokderense* - TOVBINA, p. 105, pl. II, fig. 1a, 1b, fig. 2a, 2b, 2b
(=TOVBINA, 1962, pl. XLIV, fig. 2a, 2b, 2b), text-fig. 5
- 1971b *Turkmeniceras geokderense* - BOGDANOVA, text-fig. 3a, 4e, 4h
- 1996 *Turkmeniceras geokderense* - WRIGHT et al., p. 271, fig. 211: 3b, c (=TOVBINA, 1962, pl. XLIV, fig. 2a, 2b)
- 1999 *Turkmeniceras geokderense* - BOGDANOVA & PROZOROVSKY, p. 50, pl. 1, fig. j, k, l
- 1999 *Turkmeniceras geokderense* - CECCA et al., p. 385, fig. 6E, 6F (=TOVBINA, 1962, pl. XLIV, fig. 2a, 2b)
- 2004 *Turkmeniceras geokderense* - BOGDANOVA & MIKHAILOVA, p. 200, pl. 1, fig. 5a, 5b, (=TOVBINA, 1962, pl. XLIV, fig. 2a, 2b), fig. 6a, 6b, fig. 6c (=BOGDANOVA & PROZOROVSKY, 1999, pl. 1, fig. l), text-fig. 5

Turkmeniceras multicostatum TOVBINA, 1963

- 1962 *Turkmeniceras multicostatum* - TOVBINA, p. 85 (nomen nudum)¹⁸¹
- *1963 *Turkmeniceras multicostatum* - TOVBINA, p. 104, pl. I, fig. 4a, 4b, 4b, 5, text-fig. 1B, 3
- 1971a *Turkmeniceras multicostatum* - BOGDANOVA, p. 22
- 1999 *Turkmeniceras multicostatum* - CECCA et al., p. 385
- 2004 *Turkmeniceras multicostatum* - RAISOSSADAT, p. 121, fig. 4A, 4B, 4C
- 2004 *Turkmeniceras multicostatum* - BOGDANOVA & MIKHAILOVA, pl. 1, fig. 9a, 9b, 9c (=TOVBINA, 1963, pl. I, fig. 4a, 4b, 4b)

Turkmeniceras rarecostatum BOGDANOVA, 1971

- *1971b *Turkmeniceras rarecostatum* - BOGDANOVA, p. 339, pl. VI, fig. 3a, 3b, 4, text-fig. 4f, 5, 6
- 1999 *Turkmeniceras rarecostatum* - BOGDANOVA & PROZOROVSKY, pl. 2, fig. c, d (=BOGDANOVA, 1971b, pl. VI, fig. 3a, 3b)
- 1999 *Turkmeniceras rarecostatum* - CECCA et al., p. 385
- 2004 *Turkmeniceras rarecostatum* - BOGDANOVA & MIKHAILOVA, p. 200, pl. 1, fig. 4a, 4b (=BOGDANOVA, 1971b, pl. VI, fig. 3a, 3b), text-fig. 4A (=BOGDANOVA, 1971b, text-fig. 5), text-fig. 6

Turkmeniceras tovbinae BOGDANOVA, 1971

- 1963 *Turkmeniceras* sp. indet. - TOVBINA, p. 106, pl. II, fig. 3, text-fig. 6
- 1971a *Turkmeniceras tovbinae* - BOGDANOVA, p. 22 (nomen nudum)
- *2004 *Turkmeniceras tovbinae* - BOGDANOVA & MIKHAILOVA, p. 201, pl. 1, fig. 7a (=TOVBINA, 1963, pl. II, fig. 3), fig. 7b, 7c, pl. 11, fig. 1a, 1b, text-fig. 8

Turkmeniceras tumidum BOGDANOVA, 1971

- *1971b *Turkmeniceras tumidum* - BOGDANOVA, p. 342, pl. VI, fig. 5a, 5b, 5c, text-fig. 7a, 7b
- 1979 *Deshayesites antiquus* - BOGDANOVA, p. 161, pl. I, fig. 4, text-fig. 5a (nomen nudum)¹⁸²
- 1983 *Deshayesites antiquus* - BOGDANOVA, p. 138, pl. II, fig. 5, ?fig. 6a, 6b, pl. III, fig. 8, text-fig. 7
- 1999 *Turkmeniceras tumidum* - BOGDANOVA & PROZOROVSKY, pl. 2, fig. a, b (=BOGDANOVA, 1971b, pl. VI, fig. 3a, 3b)
- 1999 *Deshayesites antiquus* - BOGDANOVA & PROZOROVSKY, pl. 2, fig. e (=BOGDANOVA, 1983, pl. II, fig. 5)
- ?1999 *Deshayesites* aff. *antiquus* - BOGDANOVA & PROZOROVSKY, pl. 2, fig. f, g (=BOGDANOVA, 1983, pl. II, fig. 6a, 6b)

¹⁸⁰ Does not fulfil the requirements of ICZN article 13.3. (no fixation of a type species).

¹⁸¹ Does not fulfil the requirements of ICZN article 13.3. (no fixation of a type species).

¹⁸² Does not fulfil the requirements of ICZN article 13.3. (no fixation of a type species).

- 2000 *Deshayesites antiquus* - GONNET, ROPOLO & CONTE, p. 129, pl. 3, fig. 2, 3, 4
 2004 *Turkmeniceras* cf. *tumidum* - RAISOSSADAT, p. 122, fig. 4D, 4E
 2004 *Turkmeniceras rarecostatum* - BOGDANOVA & MIKHAILOVA, p. 201, pl. 1, fig. 8a, 8b, 8c, text-fig. 7 (=BOGDANOVA, 1971b, pl. VI, fig. 5a, 5b, 5c, text-fig. 7b)

***Turkmeniceras turkmenicum* TOVBINA, 1962**

- 1962 *Turkmeniceras turkmenicum* - TOVBINA, p. 84, pl. XLIV, fig. 1a, 1b, 1B (nomen nudum)
 *1963 *Turkmeniceras turkmenicum* - TOVBINA, p. 103, pl. I, fig. 1, fig. 2a, 2b, 2B (=TOVBINA, 1962, pl. XLIV, fig. 1a, 1b, 1B), fig. 3a, 3b, text-fig. 4
 1971b *Turkmeniceras turkmenicum* - BOGDANOVA, text-fig. 3b, 3c, 4g
 1996 *Turkmeniceras turkmenicum* - WRIGHT et al., p. 271, fig. 211: 3a (=TOVBINA, 1963, pl. I, fig. 1)
 1999 *Turkmeniceras turkmenicum* - BOGDANOVA & PROZOROVSKY, pl. 1, fig. a, b, c, ?f, ?g
 1999 *Turkmeniceras turkmenicum* - CECCA et al., p. 385
 2004 *Turkmeniceras turkmenicum* - BOGDANOVA & MIKHAILOVA, p. 200, pl. 1, fig. 1 (=TOVBINA, 1963, pl. I, fig. 1), fig. 2a, 2b, 2c (=BOGDANOVA & PROZOROVSKY, 1999, pl. 1, fig. a, b), text-fig. 4B
 ?2004 *Turkmeniceras* ex gr. *turkmenicum* - BOGDANOVA & MIKHAILOVA, pl. 1, fig. 3a, 3b (=BOGDANOVA & PROZOROVSKY, 1999, pl. 1, fig. f, g)

***Turkmeniceras turkmenicum longicostatum* TOVBINA, 1963**

- ?1962 *Turkmeniceras turkmenicus* var. *longa* - TOVBINA, p. 84 (nomen nudum)
 *1963 *Turkmeniceras turkmenicum* var. *longicostata* - TOVBINA, p. 104, pl. I, fig. 6
 1995 *Turkmeniceras* cf. *longicostatum* - AVRAM, p. 124, pl. 20, fig. 2
 1999 *Turkmeniceras turkmenicum longicostatum* - BOGDANOVA & PROZOROVSKY, pl. 1, fig. i

Family HEMIOPLITIDAE SPATH, 1924

Subfamily HEMIOPLITINAE SPATH, 1924

Hemihoplites SPATH, 1924¹⁸³ (1924a, p. 84)

=*Hemihoplites (Matheronites)* RENNIGARTEN, 1926, p. 27. TYPE SPECIES: *Ammonites Soulieri* MATHERON, 1880, pl. C-21, fig. 1a, 1b (OD).¹⁸⁴

TYPE SPECIES: *Ammonites Feraudianus* D'ORBIGNY, 1841, p. 324, pl. 96, fig. 4, 5 (OD).

INCLUDED (SUB)SPECIES:

<i>brevicostatus</i> -	BOGDANOVA, 1971b, p. 337, pl. 6, fig. 1a, 1b (HT by OD)
<i>?brevispina</i> -	VON KOENEN, 1902, p. 363, pl. XXXV, fig. 1a, 1b, 1c (LT designated herein) ¹⁸⁵
<i>casanovai</i> -	DELANOY, 1992, p. 96, pl. 13, fig. 1a, 1b (HT by OD)
<i>cornagoae</i> -	BERT, DELANOY & BERSAC, 2006, p. 191, pl. 1, fig. 1a, 1b (HT by OD)
<i>feraudianus</i> -	D'ORBIGNY, 1841, p. 324, pl. 96, fig. 4, 5 (HT by MT) ¹⁸⁶
<i>intermedius</i> -	VERMEULEN, 2003b, p. 76, pl. 2, fig. 3 (HT by OD)
<i>khwamliensis</i> -	ROUCHADZE, 1933, p. 202 (LT requested)
<i>lumarius</i> -	RENNIGARTEN, 1951, p. 56 (nomen nudum)
<i>?mexicanus</i> -	IMLAY, 1938, p. 586, pl. 2, fig. 10 (HT by OD)
<i>?ploszkiewiczzi</i> -	RICCARDI & AGUIRRE-URRETA, 1989, p. 458, text-fig. 5g, 5h (HT by OD) ¹⁸⁷
<i>?popenoei</i> -	MURPHY, 1975, p. 38, pl. 8, fig. 1, 2, 3, 4, 5 (HT by OD)
<i>?ridzewskyi</i> -	KARAKASCH, 1897, p. 28, pl. 4, fig. 9a, 9b (LT designated by DIMITROVA, 1967, p. 71)
<i>?sachicaensis</i> -	KAKABADZE & HOEDEMAEKER, 2004, p. 83, pl. 67, fig. 2a, 2b (HT by OD)
<i>soulieri</i> -	MATHERON, 1880, pl. C-21, fig. 1a, 1b (HT by MT)
<i>soulieri persulcatus</i> -	RENNIGARTEN, 1951, p. 51 (nomen nudum)
<i>?taminabuanensis</i> -	SKWARKO & THIEULOUY, 1989, p. 314, pl. 4, fig. 2, 6 (HT by OD)
<i>?trispinosus</i> -	VON KOENEN, 1902, p. 366 (LT requested)
<i>turcmenicus</i> -	LUPPOV, 1936, p. 122, pl. 1, fig. 1, 2, 3 (HT by MT)

¹⁸³ In the view of COMPANY (herein) many of the species included in this genus are probably not related with the group of *Hemihoplites feraudianus*.

¹⁸⁴ KAKABADZE, 1981 designated another type species for *Matheronites*, namely *Acanthoceras Ridzewskyi* KARAKASCH, 1897, but that is not permissible under ICZN rules. In his view however *Acanthoceras Ridzewskyi* KARAKASCH, 1897 and *Hemihoplites (Matheronites) ridzewskyi sachicaensis* KAKABADZE & HOEDEMAEKER, 2004 are to be included in a new genus that differs significantly from *Hemihoplites*.

¹⁸⁵ The specimen that VON KOENEN, 1902 described. The other specimens are juveniles.

¹⁸⁶ The original of holotype of the Emeric collection is lost, but according to DELANOY in GAUTHIER, 2006, p. 118 a cast of the holotype exists in the collection of the Laboratoire de Paléontologie du Muséum in Paris and he designated this cast as lectotype. This cast was figured by WRIGHT et al., 1996. VERMEULEN & KLEIN (herein) consider this cast not as the original of d'Orbigny. D'ORBIGNY, 1841 clearly attributed the name *Ammonites feraudianus* to the specimen from the Emeric collection, so holotype by monotypy is applicable in our opinion and a neotype is requested.

¹⁸⁷ *Hemihoplites* is in the Tethyan Realm an Upper Barremian genus. According to RICCARDI & AGUIRRE-URRETA the Argentinian *Hemihoplites ploszkiewiczzi* is from the late Upper Hauterivian.

***Hemihoplites brevicostatus* (BOGDANOVA, 1971)**

- *1971b *Matheronites brevicostatus* - BOGDANOVA, p. 337, pl. VI, fig. 1a, 1b, 2a, 2b, 2c, text-fig. 1, 2
1989 *Hemihoplites brevicostatus* - RICCARDI & AGUIRRE-URRETA, p. 451
1999 *Hemihoplites (Matheronites) brevicostatus* - BOGDANOVA & PROZOROVSKY, pl. 1, fig. h

***Hemihoplites? brevispina* (VON KOENEN, 1902)**

- *1902 *Ancyloceras brevispina* - VON KOENEN, p. 363, pl. XXXV, fig. 1a, 1b, 1c, pl. XXXIX, fig. 1a, 1b, 2,
1902 *Ancyloceras?* cf. *brevispina* - VON KOENEN, p. 365, pl. XL, fig. 4
1981 *Hemihoplites (Matheronites) brevispinus* - KAKABADZE, p. 94, pl. II, fig. 6a, 6b
1989 *Hemihoplites brevispinus* - RICCARDI & AGUIRRE-URRETA, p. 451

***Hemihoplites casanovai* DELANOY, 1992**

- *1992 *Hemihoplites casanovae* - DELANOY, p. 96, pl. 13, fig. 1a, 1b, 2

***Hemihoplites cornagoae* BERT, DELANOY & BERSAC, 2006**

- *2006 *Hemihoplites cornagoae* - BERT et al., p. 191, pl. I, fig. 1a, 1b, 2, 3a, 3b, 4a, 4b, 4c, 5a, 5b, pl. II, fig. 1, fig. 2a, 2b, 3a, 3b

***Hemihoplites feraudianus* (D'ORBIGNY, 1841)**

- *1841 *Ammonites Ferandianus*¹⁸⁹ - D'ORBIGNY, p. 324, pl. 96, fig. 4, 5
?1859 *Ammonites Feraudianus* - VILANOVA Y PIERA, pl. 2, fig. 9
?1881 *Ammonites Feraudianus* - CAPELLINI, p. 191, pl. I, fig. 2
1882 *Ammonites Feraudianus* - MALLADA, p. 20
1887 *Ammonites Feraudianus* - MALLADA, pl. 4A, fig. 5, 6 (=D'ORBIGNY, 1841, pl. 96, fig. 5, 4)
1916 *Ammonites* cf. *Feraudi* - DOUVILLÉ, p. 116, text-fig. 30
1923 *Parahoplites Soulieri* - FALLOT & TERMIER, p. 67, pl. VI, fig. 1a, 1b, 1c
1924a *Hemihoplites feraudianus* - SPATH, p. 84
1934 *Parahoplites Feraudi* - DENIZOT, p. 156, pl. V, fig. 12, 13
?1963 *Hemihoplites* cf. *feraudianus* - CANTÚ CHAPA, p. 30, pl. III, fig. 6
1966 *Hemihoplites feraudianus* - WIEDMANN, p. 43, pl. 6, fig. 3a, 3b
1975 *Hemihoplites feraudi* - THIEULOY, pl. 10.15, fig. 10
1989 *Hemihoplites feraudianus* - RICCARDI & AGUIRRE-URRETA, p. 451
1990a *Hemihoplites feraudianus* - DELANOY, pl. 1, fig. 4a, 4b
1990a *Hemihoplites* cf. *feraudianus* - DELANOY, text-fig. 6c (=DOUVILLÉ, 1916, text-fig. 30)
1990a *Hemihoplites* sp. - DELANOY, pl. 1, fig. 5a, 5b
1990b *Hemihoplites feraudianus* - DELANOY, p. 661, fig. 1, 2, 3, 4, 5, fig. 6, 7 (=FALLOT & TERMIER, 1923, pl. VI, fig. 1a, 1b) on p. 663, fig. 1, 2, 3, 4 on p. 665
1992 *Hemihoplites feraudianus* - DELANOY, p. 98, pl. 12, fig. 1a, 1b, fig. 2 (=DELANOY, 1990a, pl. 1, fig. 4b), fig. 5a, 5b, 6, pl. 13, fig. 3
1995 *Hemihoplites feraudianus* - DELANOY, pl. 5, fig. 1
1995 *Hemihoplites feraudianus* - DELANOY & FÉRAUD, pl. 2, fig. b

¹⁸⁸ *Hemihoplites* is in the Tethyan Realm an Upper Barremian genus. According to RICCARDI & AGUIRRE-URRETA the Argentinian *Hemihoplites varicostatus* is from the Upper Hauterivian.

¹⁸⁹ *Lapsus calami* for *Ammonites Feraudianus*.

- 1996 *Hemihoplites feraudianus* - WRIGHT et al., p. 230, fig. 180: 2a, 2b, 2c (=D'ORBIGNY, 1841, pl. 96, fig. 4, 5)
- 1998 *Hemihoplites feraudianus* - DELANOY, pl. 1, fig. 2, fig. 3 (=DELANOY, 1995, pl. 5, fig. 1), fig. 4 (=DELANOY, 1990b, fig. 4 on p. 663)
- 1998 *Hemihoplites* cf. *feraudianus* - ARNAUD et al., p. 27
- non2002 *Hemihoplites feraudianus* - AGUIRRE-URRETA, p. 493, pl. 1, pl. 2, fig. 1, 2, 3, 4, 5, 6, text-fig. 3A, 3B, 3C, 3D, 3E, 4
- 2005a *Hemihoplites feraudianus* - VERMEULEN, pl. 43, fig. 5, 6, pl. 48, fig. 3
- 2006 *Hemihoplites feraudianus* - DELANOY in GAUTHIER, p. 118, pl. 22, fig. 3 (=D'ORBIGNY, 1841, pl. 96, fig. 4, 5)

***Hemihoplites intermedius* VERMEULEN, 2003**

- *2003b *Hemihoplites intermedius* - VERMEULEN, p. 76, pl. 2, fig. 3
- 2005a *Hemihoplites intermedius* - VERMEULEN, pl. 48, fig. 2 (=VERMEULEN, 2003, pl. 2, fig. 3)
- 2006 *Hemihoplites intermedius* - BERT, DELANOY & BERSAC, p. 190

***Hemihoplites khwamliensis* (ROUCHADZE, 1933)**

- *1933 *Matheronites Khwamliensis* - ROUCHADZE, p. 202, pl. III, fig. 6, text-fig. 14, 15
- 1970 *Matheronites khwamliensis* - KOTETISHVILI, p. 63, pl. VI, fig. 1, 2a, 2b
- ?1981 *Hemihoplites (Hemihoplites) khwamliensis* - KAKABADZE, p. 93, pl. V, fig. 2a, 26
- 1989 *Hemihoplites khwamliensis* - RICCARDI & AGUIRRE-URRETA, p. 451
- 1990a *Hemihoplites khwamliensis* - DELANOY, fig. 6b (=ROUCHADZE, 1933, text-fig. 15)
- ?2005 *Hemihoplites (Hemihoplites) khwamliensis* - KAKABADZE in KOTETISHVILI et al., p. 353, pl. 79, fig. 1a, 16 (=KAKABADZE, 1981, pl. V, fig. 2a, 26)

***Hemihoplites lumarius* (RENNGARTEN, 1951)**

- *1951 *Matheronites lumarius* - RENNGARTEN, p. 56 (nomen nudum)

***Hemihoplites? mexicanus* IMLAY, 1940**

- 1938 *Hemihoplites?* sp. - IMLAY, p. 586, pl. 2, fig. 10 (HT by OD)
- *1940 *Hemihoplites? mexicanus* - IMLAY, p. 166, pl. 21, fig. 5, 6

***Hemihoplites? ploszkiewiczzi* RICCARDI & AGUIRRE-URRETA, 1989**

- *1989 *Hemihoplites ploszkiewiczzi* - RICCARDI & AGUIRRE-URRETA, p. 458, pl. 52, fig. 4, 5, 6, 7, 8, 9, text-fig. 3d, 3e, 5g, 5h, 6
- ?1992 *Hemihoplites* sp. cf. *H. ploszkiewiczzi* - KLINGER & KENNEDY, p. 123, fig. 36A, 36B, 37, 38
- 1993 *Hemihoplites ploszkiewiczzi* - AGUIRRE-URRETA, p. 68, pl. VI, fig. 2, 3 (=RICCARDI & AGUIRRE-URRETA, 1989, pl. 52, fig. 5)
- 2002 *Hemihoplites ploszkiewiczzi* - AGUIRRE-URRETA, text-fig. 4 (=RICCARDI & AGUIRRE-URRETA, 1989, pl. 52, fig. 5)

***Hemihoplites? popenoei* MURPHY, 1975**

- *1975 *?Hemihoplites popenoei* - MURPHY, p. 38, pl. 8, fig. 1, 2, 3, 4, 5
- 1989 *?Hemihoplites popenoi* - RICCARDI & AGUIRRE-URRETA, p. 451

***Hemihoplites? ridzewskyi* (KARAKASCH, 1897)**

- *1897 *Acanthoceras Ridzewskyi* - KARAKASCH, p. 28, pl. IV, fig. 9a, 9b, 10a, 10b

- non1908 *Crioceras Ridzewskiy* - SINZOW, p. 507, pl. VI, fig. 13, fig. 14, 15, 16, 16a, 17, 18
(=*Caspianites wassiliewskiy*)
- 1926 *Matheronites Ridzewskiy* - RENNGARTEN, p. 29, pl. II, fig. 9a, 9b, 10a, 10b, pl. IX, fig. 5
- 1949 *Matheronites ridzewskiy* - LUPPOV et al., p. 225, pl. LXIV, fig. 1a, 1b, 1c, text-fig. 50
(=RENNGARTEN, 1926, pl. II, fig. 9a, 9b, 10a, pl. IX, fig. 5)
- 1958 *Matheronites ridzewskiy* - LUPPOV et al., pl. XLVI, 7a, 7b, 7B (=RENNGARTEN, 1926, pl. II, fig. 9a, 10a, 9b)
- 1960 *Matheronites ridzewskiy* - DRUSHCHITS, p. 287, pl. XXX, fig. 3a, 3b, non fig. 2a, 2b, 2B
(=*Hemihoplites sachicaensis*), ?fig. 4
- 1967 *Matheronites ridzewskiy* - DIMITROVA, p. 71, pl. XXXII, fig. 5
- 1981 *Hemihoplites (Matheronites) ridzewskiy* - KAKABADZE, p. 93, pl. II, fig. 2a, 2b, pl. XX, fig. 2, 3a, 3b
- 1989 *Hemihoplites ridzewskiy* - RICCARDI & AGUIRRE-URRETA, p. 451
- 1991 *Matheronites ridzewskiy* - SHARIKADZE, KAKABADZE & KVANTALIANI, p. 225
- 1999 *Hemihoplites (Matheronites) ridzewskiy* - BOGDANOVA & PROZOROVSKY, p. 55, pl. 1, fig. d, e

***Hemihoplites? sachicaensis* KAKABADZE & HOEDEMAEKER, 2004**

- 1960 *Matheronites ridzewskiy* - DRUSHCHITS, p. 287, pl. XXX, fig. fig. 2a, 2b, 2B
- *2004 *Hemihoplites (Matheronites) ridzewskiy sachicaensis* - KAKABADZE & HOEDEMAEKER, p. 83, pl. 67, fig. 2a, 2b

***Hemihoplites soulieri* (MATHERON, 1880)**

- *1880 *Ammonites Soulieri* - MATHERON, pl. C-21, fig. 1a, 1b
- non1923 *Parahoplites Soulieri* - FALLOT & TERMIER, p. 67, pl. VI, fig. 1a, 1b, 1c (= *Hemihoplites feraudianus*)
- 1926 *Matheronites Soulieri* - RENNGARTEN, p. 27, pl. IX, fig. 4
- ?1933 *Matheronites* cfr. *Soulieri* - ROUCHADZE, p. 201, pl. III, fig. 5
- 1949 *Matheronites soulieri* - LUPPOV et al., p. 224, pl. LXIV, fig. 2a, 2b, text-fig. 49
(=RENNGARTEN, 1926, pl. IX, fig. 4)
- 1957 *Hemihoplites soulieri* - ARKELL et al., p. L212, fig. 241: 2a, 2b (=MATHERON, 1880, pl. C-21, fig. 1a, 1b)
- 1958 *Matheronites soulieri* - LUPPOV et al., p. 102, text-fig. 82a (=RENNGARTEN, 1926, pl. IX, fig. 4)
- ?1960 *Matheronites soulieri* - DRUSHCHITS, p. 287, pl. XXXVIII, fig. 1a, 1b, 1B, text-fig. 81
- 1966 *Hemihoplites orbignyanus* - BRESKOVSKI, p. 81, pl. II, fig. 7
- ?1967 *Matheronites soulieri* - DIMITROVA, p. 70, pl. XXXII, fig. 1
- 1970 *Crioceratites (Hemihoplites)* n. sp. ex aff. *C. (H.) soulieri* - JELETZKY, pl. 24, fig. 4a, 4b
- ?1977 *Parahoplites soulieri* - SÁNCHEZ, p. 114, pl. VI, fig. 6a, 6b, text-fig. 38
- 1980 *Hemihoplites soulieri* - THOMEL, p. 53, fig. 92
- 1989 *Hemihoplites soulieri* - RICCARDI & AGUIRRE-URRETA, p. 451
- 1990a *Hemihoplites soulieri* - DELANOY, pl. 1, fig. 2, text-fig. 6a (=RENNGARTEN, 1926, pl. IX, fig. 4)
- 1992 *Hemihoplites soulieri* - DELANOY, p. 99, pl. 12, fig. 3a, 3b, fig. 4 (=DELANOY, 1990a, pl. 1, fig. 2)
- 1992 *Hemihoplites* cf. *soulieri* - DELANOY, p. 101, pl. 33, fig. 2a, 2b
- 1998 *Hemihoplites soulieri* - DELANOY, pl. 1, fig. 1
- 1998 *Hemihoplites soulieri* - ARNAUD et al., p. 28, pl. 5, fig. 3
- 2002 *Hemihoplites soulieri* - VAŠÍČEK, p. 195, pl. III, fig. 6
- 2003 *Hemihoplites soulieri* - KAKABADZE & KOTETISHVILI, p. 40, fig. 2: 6
- 2005 *Hemihoplites soulieri* - ARNAUD-VANNEAU et al., fig. 61: 3 (=ARNAUD et al., 1998, pl. 5, fig. 3)

2005 *Hemihoplites (Hemihoplites) soulieri* - KAKABADZE in KOTETISHVILI et al., p. 353, pl. 79, fig. 2a (=KAKABADZE & KOTETISHVILI, 2003, fig. 2: 6), fig. 26

***Hemihoplites soulieri persulcatus* (RENNGARTEN, 1951)**

*1951 *Matheronites soulieri* var. *persulcata* - RENNGARTEN, p. 51 (nomen nudum)

***Hemihoplites? taminabuanensis* SKWARKO & THIEULOY, 1989**

*1989 *Hemihoplites taminabuanensis* - SKWARKO & THIEULOY, p. 31, pl. 4, fig. 2, 3, 4, 5, 6

***Hemihoplites? trispinosus* (VON KOENEN, 1902)**

*1902 *Ancylloceras trispinosum* - VON KOENEN, p. 366, pl. XXXV, fig. 2a, 2b, 3a, 3b, 4a, 4b, 5a, 5b, 6a, 6b, 6c, 7a, 7b, 7c, 8a, 8b

1942 *Ancylloceras trispinosum* - DACQUÉ, pl. XVI, 6, 6a (=VON KOENEN, 1902, pl. XXXV, fig. 5a, 5b)

?1952 *Hemicrioceras trispinosum* - LUPPOV, p. 230

?1981 *Hemihoplites (Matheronites) trispinosus* - KAKABADZE, p. 94, pl. II, fig. 3a, 36, 4, 5, XX, fig. 4

1989 *Hemihoplites trispinosus* - RICCARDI & AGUIRRE-URRETA, p. 451

?2002 (?)*Ancylloceras trispinosum* - RICHTER, pl. 19, fig. 2

***Hemihoplites turcmenicus* (LUPPOV, 1936)**

*1936 *Matheronites turcmenicus* - LUPPOV, p. 122, pl. 1, fig. 1, 2, 3

1989 *Hemihoplites turcmenicus* - RICCARDI & AGUIRRE-URRETA, p. 451

1999 *Hemihoplites (Matheronites) turkmenicus* - BOGDANOVA & PROZOROVSKY, p. 50

***Hemihoplites? varicostatus* RICCARDI & AGUIRRE-URRETA, 1989**

1987 Hemihoplitidae indet. - RICCARDI, AGUIRRE-URRETA & MEDINA, p. 109

*1989 *Hemihoplites varicostatus* - RICCARDI & AGUIRRE-URRETA, pl. 452, pl. 51, fig. 1, 2, 3, 4, 5, 6, 7, 8, 9, pl. 52, fig. 1, 2, 3, text-fig. 3a, 3b, 3c, 4, 5a, 5b, 5c, 5d, 5e, 5f

?1992 *Hemihoplites* sp. cf. *H. varicostatus* - KLINGER & KENNEDY, p. 124, fig. 36C, 36D, 36E

1993 *Hemihoplites varicostatus* - AGUIRRE-URRETA, p. 68, pl. V, fig. 4 (=RICCARDI & AGUIRRE-URRETA, 1989, pl. 51, fig. 3)

2002 *Hemihoplites varicostatus* - AGUIRRE-URRETA, text-fig. 4 (=RICCARDI & AGUIRRE-URRETA, 1989, pl. 51, fig. 3)

***Camereiceras* DELANOY, 1990¹⁹⁰
(1990a, p. 74)**

TYPE SPECIES: *Matheronites limentinus* THIEULOY, 1979b, p. 307, pl. 1, fig. 2 (OD).

INCLUDED (SUB)SPECIES:

davouxi -
limentinum -
?robustum -

DELANOY, 1990a, p. 76, pl. 3, fig. a, b, c (HT by OD)
THIEULOY, 1979b, p. 307, pl. 1, fig. 2 (HT by OD)
BERT & DELANOY, 2000, p. 77, pl. 4, fig. 4a, 4b, 4c, 4d
(HT by OD)
TOULA, 1892, p. 338(18), pl. II, fig. 1 (HT by MT)
DIMITROVA, 1967, p. 68, pl. XXXIII, fig. 5 (HT by OD)

¹⁹⁰ In the view of VERMEULEN (herein) probably a junior synonym of *Hemihoplites*.

***Camereiceras davouxi* DELANOY, 1990**

- *1990a *Camereiceras davouxi* - DELANOY, p. 76, pl. 1, fig. 3a, 3b, 3c, pl. 2, fig. 1a, 1b, pl. 3, fig. a, b, c, pl. 6, text-fig. 4, 5a, 5b, 5c
?1990a *Camereiceras* sp. forme A - DELANOY, p. 77, pl. 1, fig. 1, text-fig. 5h
1992 *Camereiceras davouxi* - DELANOY, p. 89, pl. 16, fig. 1 (=DELANOY, 1990a, pl. 6), pl. 23, fig. 3a, 3b, pl. 28, fig. 3a, 3b
?1992 *Camereiceras* sp. - DELANOY, p. 92, pl. 26, fig. 3a, 3b
1995 *Camereiceras* aff. *davouxi* - DELANOY, p. 285, pl. 6, fig. 5
1998 *Camereiceras* aff. *davouxi* - DELANOY, pl. 1, fig. 8 (=DELANOY, 1995, pl. 6, fig. 5)

***Camereiceras limentinum* (THIEULOY, 1979)**

- ?1960 *Ancyloceras orbignyanus* - DRUSHCHITS, p. 292, pl. XXXIV, fig. 1a, 1b, text-fig. 84
1976 *Matheronites orbignyanus* - ARNAUD-VANNEAU et al., p. 152
*1979b *Matheronites limentinus* - THIEULOY, p. 307, pl. 1, fig. 1a, 1b, 2, 3, 4a, 4b, pl. 2, fig. 5a, 5b
1989 '*Matheronites*' *limentinus* - RICCARDI & AGUIRRE-URRETA, p. 451
1989 *Matheronites limentinus* - CONTE, p. 34, fig. 3 on p. 35
1990a *Camereiceras limentinus* - DELANOY, p. 75, pl. 2, fig. 3, pl. 4, fig. 2a, 2b, pl. 5, text-fig. 4a, 5e, 5g
1992 *Camereiceras limentinus* - DELANOY, p. 90, pl. 23, fig. 4a, 4b, pl. 34, fig. 4a, 4b
1992 *Camereiceras* aff. *limentinus* - DELANOY, p. 91, pl. 18, fig. 3a, 3b
?1995 *Ancyloceras* ? aff. *barremense* - AVRAM, p. 125, pl. 15, fig. 13, pl. 16, fig. 1
?1995 *Ancyloceras* ? cf. *orbignyi* - AVRAM, p. 125, pl. 16 fig. 2, 3
1995 *Camereiceras limentinus* - DELANOY, p. 285, pl. 4, fig. 3
1998 *Camereiceras limentinus* - DELANOY, pl. 1, fig. 7 (=DELANOY, 1995, pl. 4, fig. 3)
1998 *Camereiceras limentinus* - ARNAUD et al., p. 27, pl. 4, fig. 1, pl. 5, fig. 5, 6, 7, 8
1998 *Emericiceras* sp. ou *Camereiceras* sp. - ARNAUD et al., p. 27, pl. 4, fig. 2
2005 *Camereiceras limentinus* - ARNAUD-VANNEAU et al., p. 125, fig. 60: 1 (=ARNAUD et al., 1998, pl. 4, fig. 1), fig. 60: 2 (=THIEULOY, 1979b, pl. 1, fig. 2), fig. 61: 1 (=ARNAUD et al., 1998, pl. 4, fig. 2)

***Camereiceras? robustum* (BERT & DELANOY, 2000)**

- 1992 «*Crioceratites*» gr. *janus* - DELANOY, pl. 27, fig. 3a, 3b, 3c, 3d
*2000 *Janusites robustus* - BERT & DELANOY, p. 77, pl. 4, fig. 2, fig. 3a, 3b, 3c, 3d (=DELANOY, 1992, pl. 27, fig. 3a, 3b, 3d, 3c), fig. 4a, 4b, 4c, 4d

***Camereiceras suessi* (TOULA, 1892)**

- 1889 *Ancyloceras Orbignyi* - HAUG, p. 215(23), pl. XI, fig. 5, 5a
*1892 *Crioceras Suessi* - TOULA, p. 338(18), pl. II, fig. 1
1955 «*Crioceras*» (? *Matheronites*) *suessi* - SARKAR, p. 150
1967 *Matheronites suessi* - DIMITROVA, p. 67, pl. XXXII, fig. 3
1989 '*Matheronites*' *suessi* - RICCARDI & AGUIRRE-URRETA, p. 451
1990a *Camereiceras suessi* - DELANOY, p. 75

***Camereiceras ukense* (DIMITROVA, 1967)**

- *1967 *Matheronites ukensis* - DIMITROVA, p. 68, pl. XXXIII, fig. 5
1989 '*Matheronites*' *ukensis* - RICCARDI & AGUIRRE-URRETA, p. 451
1990a *Camereiceras ukensis* - DELANOY, p. 79
1999 *Hemihoplites* (*Matheronites*) ex gr. *ukensis* - BOGDANOVA & PROZOROVSKY, p. 50

***Pachyhemihoplites* DELANOY, 1992**
(1992, p. 104)

TYPE SPECIES: *Pachyhemihoplites thomeli* DELANOY, 1992, p. 107, pl. 8, fig. 1a, 1b, 1c (OD).

INCLUDED (SUB)SPECIES:

<i>coheni</i> -	SARKAR, 1955, p. 86, pl. VII, fig. 2 (HT by MT)
<i>contei</i> -	DELANOY, 1992, p. 105, pl. 9, fig. 2a, 2b (HT by OD)
<i>gerthi</i> -	SARKAR, 1955, p. 87 (LT requested)
<i>thomeli</i> -	DELANOY, 1992, p. 107, pl. 8, fig. 1a, 1b, 1c (HT by OD)

***Pachyhemihoplites coheni* (SARKAR, 1955)**

- *1955 *Emericiceras coheni* - SARKAR, p. 86, pl. VII, fig. 2
- non1967 *Matheronites coheni* - DIMITROVA, p. 69, pl. XXXII, fig. 2
- 1989 *Hemihoplites coheni* - RICCARDI & AGUIRRE-URRETA, p. 451
- non1992 *Pachyhemihoplites* aff. *coheni* - DELANOY, p. 110, pl. 10, f ig. 1a, 1b, 1c

***Pachyhemihoplites contei* DELANOY, 1992**

- *1992 *Pachyhemihoplites contei* - DELANOY, p. 105, pl. 9, fig. 2a, 2b, 3, 4a, 4b, 5a, 5b, 7a, 7b

***Pachyhemihoplites gerthi* (SARKAR, 1955)**

- *1955 *Emericiceras gerthi* - SARKAR, p. 87, pl. IV, fig. 6, 21
- 1992 *Pachyhemihoplites* aff. *gerthi* - DELANOY, p. 105
- 2005a *Pachyhemihoplites gerthi* - VERMEULEN, pl. 48, fig. 4

***Pachyhemihoplites thomeli* DELANOY, 1992**

- *1992 *Pachyhemihoplites thomeli* - DELANOY, p. 107, pl. 7, fig. 7a, 7b, pl. 8, fig. 1a, 1b, 1c, 2a, 2b, 2c
- 1992 *Pachyhemihoplites* aff. *thomeli* - DELANOY, p. 109, pl. 7, fig. 8a, 8b, pl. 10, fig. 3a, 3b, 3c
- 1996a *Hemihoplites gerthi* - VERMEULEN, p. 203
- 1998 *Pachyhemihoplites gerthii* - DELANOY, pl. 1, fig. 6a, 6b

***Janusites* BERT & DELANOY, 2000**
(2000, p. 70.)

TYPE SPECIES: *Crioceratites janus* THIEULOY, 1979b, p. 310, pl. 2, fig. 1 (OD).

<i>janus</i> -	THIEULOY, 1979b, p. 310, pl. 2, fig. 1 (HT by OD)
<i>marchandi</i> -	BERT & DELANOY, 2000, p. 74, pl. 3, fig. 1a, 1b, 1c, 1d (HT by OD)

***Janusites janus* (THIEULOY, 1979)**

- *1979b *Crioceratites janus* - THIEULOY, p. 310, pl. 2, fig. 1, 2, 3, 4
- non1992 «*Crioceratites*» cf. *janus* - DELANOY, p. 113, pl. 9, fig. 6a, 6b, pl. 28, fig. 2a, 2b, 2c (= *Janusites marchandi*)
- 1992 «*Crioceratites*» gr. *janus* - DELANOY, p. 115, pl. 7, fig. 6, non pl. 27, fig. 3a, 3b, 3c, 3d (= *Janusites robustus*)
- 1995 "*Crioceratites*" *janus* - DELANOY, p. 285, pl. 6, fig. 3

- 1998 "*Crioceratites*" *janus* - DELANOY, pl. 1, fig. 5 (=DELANOY, 1995, pl. 6, fig. 3)
 1998 *Crioceratites janus* - ARNAUD et al., pl. 5, fig. 9
 2000 *Janusites janus* - BERT & DELANOY, p. 72, pl. 4, fig. 1a, 1b
 2000a *Ezeiceras janus* - VERMEULEN, p. 127
 2000 *Janusites gr. janus* - BERT & DELANOY, p. 74 (=DELANOY, 1992, pl. 7, fig. 6)
 2000b *Ezeiceras janus* - VERMEULEN, p. 96

***Janusites marchandi* (BERT & DELANOY, 2000)**

- ?1992 «*Crioceratites*» cf. *janus* - DELANOY, p. 113, pl. 9, fig. 6a, 6b, pl. 28, fig. 2a, 2b, 2c
 *2000 *Janusites marchandi* - BERT & DELANOY, p. 74, pl. 3, fig. 1a, 1b, 1c, 1d, fig. 2a, 2b
 (=DELANOY, 1992, pl. 9, fig. 6a, 6b)
 ?2000 *Janusites gr. marchandi* - BERT & DELANOY, p. 76, pl. 3, fig. 3a, 3b, 3c, 3d, 4a, 4b, 4c
 (=DELANOY, 1992, pl. 28, fig. 2a, 2b, 2c)
 2006 *Camereiceras marchandi* - BERT, DELANOY & BERSAC, p. 194, pl. II, fig. 4, 5a, 5b, 5c, 5d,
 pl. III, fig. 1, 2, pl. IV, fig. 1a, 1b

***Ezeiceras* VERMEULEN, 2000**

(2000b, p. 96)

(VERMEULEN & BERT, 1998, p. 81¹⁹¹; VERMEULEN, 2000a, p. 127¹⁹² nomen nudum)

TYPE SPECIES: *Crioceras Heberti* FALLOT, 1884, p. 296, pl. IX, fig. 2a, 2b, 2c (OD).

INCLUDED (SUB)SPECIES:

- | | |
|-------------------|---|
| <i>astarte</i> - | FALLOT & TERMIER, 1923, p. 70, pl. VI, fig. 2a, 2b (LT designated by DELANOY, 1990a, p. 82) |
| <i>heberti</i> - | FALLOT, 1884, p. 296, pl. IX, fig. 2a, 2b, 2c (HT by MT) |
| <i>rusticum</i> - | VERMEULEN, 1996, p. 67, pl. 3, fig. 2, 3, 4, 5 (HT by OD) |

***Ezeiceras astarte* (FALLOT & TERMIER, 1923)**

- *1923 *Parahoplites Astarte* - FALLOT & TERMIER, p. 70, pl. VI, fig. 2a, 2b, 3, 4, 5, text-fig. 30
 1938 *Parahoplites astarte* - DELEAU, p. 133
 1950 *Parahoplites astarte* - BATALLER, p. 349, fig. on p. 350 (=FALLOT & TERMIER, pl. VI, fig. 2a, 2b)
 1955 *Matheronites astarte* - SARKAR, p. 150
 1966 *Hemihoplites astarte* - WIEDMANN, p. 44, pl. 6, fig. 6a, 6b, 6c, ?text-fig. 35
 ?1977 *Parahoplites astarte* - SANCHEZ, p. 116, pl. VI, fig. 7, 8, text-fig. 39
 1989 *Hemihoplites astarte* - RICCARDI & AGUIRRE-URRETA, p. 451
 1990a *Hemihoplites astarte* - DELANOY, pl. 1, fig. 6 (=FALLOT & TERMIER, 1923, pl. VI, fig. 2a)
 ?1990a *Hemihoplites* cf. *astarte* - DELANOY, text-fig. 6d (=WIEDMANN, 1966, text-fig. 35)
 ?1992 *Hemihoplites astarte* - DELANOY, p. 95, pl. 11, fig. 1a, 1b, 2, 3, pl. 13, fig. 4
 1998b *Ezeiceras astarte* - VERMEULEN & BERT, p. 82
 2000a *Ezeiceras astarte* - VERMEULEN, p. 127
 2000b *Ezeiceras astarte* - VERMEULEN, p. 96

***Ezeiceras heberti* (FALLOT, 1884)**

- *1884 *Crioceras Heberti* - FALLOT, p. 296, pl. IX, fig. 2a, 2b, 2c

¹⁹¹ Does not fulfil the requirements of ICZN article 13.1.1. (no differentia of the new taxon).

¹⁹² Does not fulfil the requirements of ICZN article 13.3. (no fixation of a type species).

- 1897 *Crioceras Heberti* - PARONA & BONARELLI, p. 56(4)
 1900 *Crioceras Heberti* - SIMIONESCU, p. 518
 1910b *Ancyloceras (Crioceras) Héberti* - KILIAN, p. 272
 1915 *Ancyloceras Heberti* - KILIAN & REBOUL, p. 69
 1916 *Crioceras Heberti* - DOUVILLÉ, p. 112
 1930 *Crioceras aff. Heberti* - ROCH, p. 341
 ?1938 *Ancyloceras (?) Heberti* - DELEAU, p. 133, pl. VI, fig. 4
 ?1938 « *Ancyloceras* » nov. sp. (gr. de « *A.* » *Heberti*)- DELEAU, p. 133
 1955 *Matheronites heberti* - SARKAR, p. 149
 1989 *Hemihoplites heberti* - RICCARDI & AGUIRRE-URRETA, p. 451
 1998 *Hemihoplites cf. heberti* - ARNAUD et al., p. 27
 1998b *Ezeiceras heberti* - VERMEULEN & BERT, p. 82, pl. 2, fig. 1, 2, 3
 2000a *Ezeiceras heberti* - VERMEULEN, p. 127
 2000b *Ezeiceras heberti* - VERMEULEN, p. 96

***Ezeiceras rusticum* (VERMEULEN, 1996)**

- *1996 *Hemihoplites rusticus* - VERMEULEN, p. 67, pl. 3, fig. 2, 3, 4, 5
 1998a *Hemihoplites rusticus* - VERMEULEN, p. 106, pl. 4, fig. 7, 8 (=VERMEULEN, 1996, pl. 3, fig. 4, 5)
 1998b *Ezeiceras rusticum* - VERMEULEN & BERT, p. 82
 2000a *Ezeiceras rusticum* - VERMEULEN, p. 127
 2000b *Ezeiceras rusticum* - VERMEULEN, p. 96

***Ancylezeiceras* VERMEULEN, 2006
 (2006, p. 157)**

TYPE SPECIES: *Acrioceras breistrofferi* SARKAR, 1955, p. 120, pl. VII, fig. 3 (OD).
 INCLUDED (SUB)SPECIES:

breistrofferi - SARKAR, 1955, p. 120, pl. VII, fig. 3 (HT by MT)

***Ancylezeiceras breistrofferi* (SARKAR, 1955)**

- ?1910b *Crioceras Heberti* - KILIAN, p. 272
 *1955 *Acrioceras breistrofferi* - SARKAR, p. 120, pl. VII, fig. 3
 ?1977 *Acrioceras (Acrioceras)* sp. - MYCZYŃSKI, p. 159, pl. 5, fig. 10
 1995 *Acrioceras aff. breistrofferi* - AVRAM, pl. 16 fig. 4
 2000a *Ezeiceras breistrofferi* - VERMEULEN, p. 127
 2000b *Ezeiceras breistrofferi* - VERMEULEN, p. 96
 2006 *Ancylezeiceras breistrofferi* - VERMEULEN, p. 157

**?*Pascoeites* SPATH, 1933
 (1933, p. 827)**

=?*Ornicephalites*¹⁹³ SKWARKO & THIEULOY, 1989, p. 31. TYPE SPECIES: *Pseudothurmannia (Ornicephalites) indonesiana* SKWARKO & THIEULOY, 1989, p. 31, pl. 2, fig. 7, 9 (OD).

¹⁹³ *Ornicephalites* is at first sight very near to *Pascoeites*, compare SKWARKO & THIEULOY, 1989, pl. 2, fig. 8 with SPATH, 1933, pl. CXXVI, fig. 7. However both genera are poorly known and could fall in synonymy with one of the other genera of the Hemihoplitidae.

TYPE SPECIES: *Pascoeites budavagensis* SPATH, 1933, p. 827, pl. CXXVI, fig. 7a, 7b, 7c (OD)
INCLUDED (SUB)SPECIES:

<i>budavagensis</i> -	SPATH, 1933, p. 827, pl. CXXVI, fig. 7a, 7b, 7c (HT by OD)
<i>crassus</i> -	SPATH, 1933, p. 828 (LT requested)
? <i>indonesianis</i> -	SKWARKO & THIEULOUY, p. 31, pl. 2, fig. 7, 9 (HT by OD)

***Pascoeites budavagensis* SPATH, 1933**

- *1933 *Pascoeites budavagensis* - SPATH, p. 827, pl. CXXVI, fig. 5a, 5b, 7a, 7b, 7c
- 1957 *Pascoeites budavagensis* - ARKELL et al., p. L212
- 1996 *Pascoeites budavagensis* - WRIGHT et al., p. 230, fig. 180: 1a, 1b (=SPATH, 1933, pl. CXXVI, fig. 7a, 7c)

***Pascoeites crassus* SPATH, 1933**

- *1933 *Pascoeites crassus* - SPATH, p. 828, ?pl. CXXVI, fig. 12a, 12b, 12c¹⁹⁴, pl. CXXVII, fig. 1a, 1b

***Pascoeites? indonesianis* (SKWARKO & THIEULOUY, 1989)**

- *1989 *Pseudothurmannia (Ornicephalites) indonesiana* - SKWARKO & THIEULOUY, p. 31, pl. 2, fig. 3, 4, 7, 8, 9

¹⁹⁴ *Pascoeites budavagensis* in the text on p. 827; *Pascoeites crassus* in the legend of plate CXXVI.

Gassendiceras BERT, DELANOY & BERSAC, 2006
(2006, p. 203)

TYPE SPECIES: *Gassendiceras quelquejeui* BERT, DELANOY & BERSAC, 2006, p. 203, pl. III, fig. 3 (OD).

INCLUDED (SUB)SPECIES:

- | | |
|----------------------|---|
| <i>coulletae</i> - | BERT, DELANOY & BERSAC, 2006, p. 204, pl. VII, fig. 1, pl. VIII, fig. 1, pl. IX, fig. 1a, 1b (HT by OD) |
| <i>enayi</i> - | BERT, DELANOY & BERSAC, 2006, p. 206, pl. XI, fig. 1, pl. XII, fig. 1a, 1b (HT by OD) |
| <i>quelquejeui</i> - | BERT, DELANOY & BERSAC, 2006, p. 203, pl. III, fig. 3 (HT by OD) |

Gassendiceras coulletae BERT, DELANOY & BERSAC, 2006

- *2006 *Gassendiceras coulletae* - BERT, DELANOY & BERSAC, p. 204, pl. VII, fig. 1, pl. VIII, fig. 1, pl. IX, fig. 1a, 1b

Gassendriceras enayi BERT, DELANOY & BERSAC, 2006

- 1998 *Emericiceras* gr. *barremense* - DELANOY, p. 233, in fig. 136
*2006 *Gassendiceras enayi* - BERT, DELANOY & BERSAC, p. 206, pl. XI, fig. 1, pl. XII, fig. 1a, 1b

Gassendiceras quelquejeui BERT, DELANOY & BERSAC, 2006

- *2006 *Gassendiceras quelquejeui* - BERT, DELANOY & BERSAC, 2006, p. 203, pl. III, fig. 3, pl. IV, fig. 2, 3, pl. V, fig. 1, pl. VI, fig. 1a, 1b

Barrancyloceras VERMEULEN, 2000
(2000a, p. 127)

(VERMEULEN & BERT, 1998, p. 81, nomen nudum¹⁹⁶)

TYPE SPECIES: *Crioceras barremense* KILIAN, 1895, p. 978 (UHLIG, 1888, p. 95, pl. IV, fig. 3a, 3b, 3c) (OD).

INCLUDED (SUB)SPECIES:

- | | |
|-----------------------------------|---|
| <i>alpinum</i> - | D'ORBIGNY, 1850, p. 100, n° 624 (HT by MT)
COTTREAU, 1937, p. 63, pl. LXXXVIII, fig. 16, 17) |
| <i>barremense</i> - | KILIAN, 1895, p. 978 (HT by OD UHLIG, 1888, p. 95, pl. IV, fig. 3a, 3b, 3c) |
| <i>barremense multicostatum</i> - | SARKAR, 1955, p. 85 (LT requested) |
| <i>barremense recticostatum</i> - | SARKAR, 1955, p. 86, text-fig. 13 (HT by MT) |
| <i>hammatoptychum</i> - | UHLIG, 1883, pl. XXX, fig. 1, 2a, 2b, 2c (LT designated by DIMITROVA, 1967, p. 67) |
| <i>klipsteini</i> - | UHLIG, 1888, p. 98, pl. III, fig. 3 (HT by MT) |
| <i>maghrebiense</i> - | IMMEL, 1978, p. 59, pl. 8, fig. 1, text-fig. 10b (HT by OD) |

¹⁹⁵ In the view of KAKABADZE and VERMEULEN (herein) this subfamily is unnecessary.

¹⁹⁶ Does not fulfil the requirements of ICZN article 13.1.1. (no differentia of the new taxon).

***Barrancyloceras alpinum* (D'ORBIGNY, 1850)**

- *1850 *Crioceras Alpinus* - D'ORBIGNY, p. 100, n° 624
 1851 *Crioceras alpinus* - ASTIER, p. 437
 1861 *Ancyloceras (Crioceras) alpinus* - PICTET & CAMPICHE, p. 52
 1937 *Crioceras Alpinus* - COTTREAU, p. 63, pl. LXXXVIII, fig. 16, 17
 1946 *Crioceras barremense* - TZANKOV, pl. XII, fig. 2
 1955 *Emericiceras alpinum* - SARKAR, p. 84
 1967 *Matheronites alpinus* - DIMITROVA, p. 68, pl. XXXIV, fig. 3 (=TZANKOV, 1946, pl. XII, fig. 2)
 1978 *Crioceratites (Crioceratites) alpinus* - IMMEL, p. 53
 1989 *Hemihoplites alpinus* - RICCARDI & AGUIRRE-URRETA, p. 451

***Barrancyloceras barremense* (KILIAN, 1895)**

- 1888 *Crioceras* sp. ind. aff. *Römeri* - UHLIG, p. 95, pl. IV, fig. 3a, 3b, 3c
 *1895 *Crioceras barremense* - KILIAN in KILIAN & LEENHARDT, p. 978
 1899 *Crioceras barremense* - SIMIONESCU, p. 488, pl. I, fig. 4, 5
 1900 *Crioceras barremense* - SIMIONESCU, p. 516
 1902 *Crioceras barremense* - SARASIN & SCHÖNDELMAYER, p. 100
 1910b *Crioceras barremense* - KILIAN, p. 271
 1927 *Crioceras barremense* - ROCH, p. 32
 1930 *Crioceras barremense* - ROCH, p. 341
 non1946 *Crioceras barremense* - TZANKOV, pl. XII, fig. 2 (=Barrancyloceras alpinum)
 1955 *Emericiceras barremense* - SARKAR, p. 85
 ?1955 *Emericiceras barremense* sp. var. *multicostata* - SARKAR, p. 85, pl. VI, fig. 3
 1955 *Emericiceras barremense* sp. var. *recticostata* - SARKAR, p. 86, text-fig. 13
 ?1964 *Crioceras barremense* - NIKOLOV, p. 122, pl. II, fig. 2a, 2b
 ?1967 *Matheronites barremense* - DIMITROVA, p. 69, pl. XXXII, fig. 4
 1978 *Crioceratites (Crioceratites) barremensis* - IMMEL, p. 52, ?pl. 2, fig. 3, text-fig. 8a
 (=UHLIG, 1888, pl. IV, fig. 3a)
 ?1981 *Paracrioceras barremense* - KAKABADZE, p. 89, pl. XV, fig. 1a, 1b
 1988 *Crioceratites (Crioceratites) barremensis* - WILKE, p. 20, pl. III, fig. 11
 1989 *Emericiceras* cf. *barremense* - CONTE, p. 34, photo p. 36
 1989 '*Matheronites*' *barremense* - RICCARDI & AGUIRRE-URRETA, p. 451
 1990a *Emericiceras Barremense* - DELANOY, pl. 4, fig. 3 (=SIMIONESCU, 1900, pl. I, fig. 4)
 1991 *Crioceratites barremense* - MANTHEY, pl. 2, fig. 2
 1992 *Emericiceras barremense* - DELANOY, p. 52, pl. 19, fig. 1, 2
 1992 *Emericiceras* sp. gr. *barremense* (forme 1) - DELANOY, p. 54, pl. 19, fig. 3a, 3b
 1992 *Emericiceras* sp. gr. *barremense* (forme 2) - DELANOY, p. 55, pl. 19, fig. 5
 1992 *Emericiceras* sp. gr. *barremense* (forme 3) - DELANOY, p. 55, pl. 30, fig. 2
 1992 *Emericiceras* sp. gr. *barremense* (forme 4) - DELANOY, p. 57, pl. 20, fig. 2a, 2b
 1992 *Emericiceras* sp. nov.? gr. *barremense* - DELANOY, p. 59, pl. 17, fig. 1
 1995 '*Emericiceras*' *barremense* - COMPANY et al., p. 254, fig. 8(e)
 non1995 *Ancyloceras* ? aff. *barremense* - AVRAM, p. 125, pl. 15, fig. 13, pl. 16, fig. 1
 (=Camereiceras aff. *limentinus*)
 non1997 *Paracrioceras* sp. ex gr. *barremense* - KAKABADZE & HOEDEMAEKER, p. 66, pl. 4, fig. 1a, 1b, text-fig. 5 (=Paracrioceras *leyvaense*)
 non1998 *Emericiceras* gr. *barremense* - DELANOY, p. 233, in fig. 136 (=Gassendiceras *enayi*)
 2002 *Crioceratites (Emericiceras)* ex gr. *barremense* - VAŠÍČEK, p. 194, pl. III, fig. 3
 2004 *Barrancyloceras barremense* - VERMEULEN, pl. 4, fig. 1

2005a *Barrancyloceras barremense* - VERMEULEN, pl. 48, fig. 1 (=VERMEULEN, 2004, pl. 4, fig. 1)¹⁹⁷

***Barrancyloceras hammatoptychum* (UHLIG, 1883)**

- *1883 *Crioceras hammatoptychum* - UHLIG, p. 262, pl. XXX, fig. 1, 2a, 2b, 2c
1889b *Ancyloceras hammatoptychum* - KILIAN, p. 233
1900 *Crioceras hammatoptychum* - SIMIONESCU, p. 518
1902 *Crioceras hammatoptychum* - SARASIN & SCHÖNDELMAYER, p. 101
1910b *Ancyloceras (?) hammatoptychum* - KILIAN, p. 247, 273
1915 *Ancyloceras (Crioceras?) hammatoptychum* - KILIAN & REBOUL, p. 67
1916 *Crioceras (Acanthodiscus) hammatoptychum* - DOUVILLÉ, p. 111, pl. XIV, fig. 1, 2, 3a, 3b, 4a, 4b, 5
1927 *Ancyloceras (Crioceras?) hammatoptychum* - ROCH, p. 31
1955 *Emericiceras hammatoptychum* - SARKAR, p. 88
1967 *Matheronites hammatoptychus* - DIMITROVA, p. 67, pl. XXXI, fig. 4
1979 *Matheronites hammatoptychus* - VAŠÍČEK, p. 124, pl. I, fig. 1a, 1b, text-fig. 3 (=UHLIG, 1883, pl. XXX, fig. 2a, 2b, 2c)
1989 '*Matheronites*' *hammatoptychum* - RICCARDI & AGUIRRE-URRETA, p. 451
1992 *Emericiceras hammatoptychum* - DELANOY, p. 58, pl. 21, fig. 1a, 1b, 1c, 1d
2001 *Paracrioceras hammatoptychum* - ALY & ABDEL-GAWAD, p. 35, pl. 2, fig. 1

***Barrancyloceras klipsteini* (UHLIG, 1888)**

- *1888 *Crioceras Klipsteini* - UHLIG, p. 98, pl. III, fig. 3

***Barrancyloceras maghrebiense* (IMMEL, 1978)¹⁹⁸**

- *1978 *Crioceratites (Crioceratites) maghrebiensis* - IMMEL, p. 59, pl. 8, fig. 1, text-fig. 10b
2004 *Crioceras maghrebiensis* - PATRULIUS & AVRAM, p. 337

***Barrancyloceras? parolinianum* (RODIGHERO, 1919)**

- *1919 *Crioceras Parolinianum* de Zigno (in schaedis) - RODIGHIERO, p. 114(78), pl. XIII(VI), fig. 7
1955 *Emericiceras parolinianum* - SARKAR, p. 89
1967 *Matheronites parolinianus* - DIMITROVA, p. 70, pl. XXXIII, fig. 3
1989 *Hemihoplites parolinianus* - RICCARDI & AGUIRRE-URRETA, p. 451

***Barrancyloceras steinmani* (BATSEVICH, 1873)**

- *1873 *Ammonites Steinmani* - BATSEVICH, p. 33
1874 *Ammonites Steinmani* - SIMONOVICH, SOROKIN & BATSEVICH, p. 118
1875 *Ammonites Steinmanii* - SIMONOVICH, BATSEVICH & SOROKIN, p. 174, pl. II, fig. a
1933 *Ancyloceras Steinmani* - ROUCHADZE, p. 207, pl. IV, fig. 3, 4, 5, text-fig. 19
1955 *Ancyloceras steinmanni* - ERISTAVI, p. 111
1981 *Pseudocrioceras steinmanni* - KAKABADZE, p. 105, pl. XXII, fig. 1a, 1b

¹⁹⁷ VERMEULEN, 2005 added in the legend neotype to the specimen of plate 48, fig. 1. Unclear is why a neotype must be designated. Moreover this designation does not fulfil the requirements of the ICZN article 75.

¹⁹⁸ In the view of VERMEULEN (herein) an *Emericiceras*.

***Leroyceras* VERMEULEN, 2006**
(2006, p. 156)

TYPE SPECIES: *Barrancyloceras mascarellii* VERMEULEN, 2005b, p. 7, pl. 1, fig. 2 (OD).

INCLUDED (SUB)SPECIES:

<i>dolloi</i> -	SARKAR, 1955, p. 87, pl. V, fig. 18 (HT by MT)
<i>hoheneggeri</i> -	UHLIG, 1883, p. 263, pl. XXXI (LT designated by VERMEULEN, 2006, p. 156)
<i>mascarellii</i> -	VERMEULEN, 2005b, p. 7, pl. 1, fig. 2 (HT by OD)

***Leroyceras dolloi* (SARKAR, 1955)**

- *1955 *Emericiceras dolloi* - SARKAR, p. 87, pl. V, fig. 18
1970 *Emericiceras* ex gr. *dolloi* - KOTETISHVILI, p. 70, pl. IX, fig. 2
1981 *Paracrioceras dolloi* - KAKABADZE, p. 89, pl. III, fig. 4
2005 *Crioceratites (Paracrioceras) dolloi* - I. KAKABADZE in KOTETISHVILI et al., p. 348, pl. 72, fig. 6 (=KAKABADZE, 1981, pl. III, fig. 4)

***Leroyceras hoheneggeri* (UHLIG, 1883)**

- 1868 *Ancyloceras Matheronianum* - VON EICHWALD, p. 1165
*1883 *Crioceras Hoheneggeri* - UHLIG, p. 263, pl. XXXI, pl. XXXII, fig. 2a, 2b
1889 *Ancyloceras Hoheneggeri* - HAUG, p. 220, pl. XIII, fig. 4
1902 *Crioceras Hoheneggeri* - SARASIN & SCHÖNDELMAYER, p. 101
1907 *Crioceras* aff. *Hoheneggeri* - KARAKASCH, p. 137, pl. IV, fig. 3a, 3b
1910b *Ancyloceras Hoheneggeri* - KILIAN, p. 274
1915 *Ancyloceras Hoheneggeri* - KILIAN & REBOUL, p. 67
1955 *Emericiceras hoheneggeri* - SARKAR, p. 88
non1965 *Crioceratites (Emericiceras) hoheneggeri* - THOMEL, p. 32, pl. VI, fig. 2, 3 (=?)
Pseudoshasticioceras magnini
2000 *Crioceratites (Emericiceras)* cf. *hoheneggeri* - TOSHIMITSU & HIRANO, p. 586

***Leroyceras mascarellii* VERMEULEN, 2005**

- *2005b *Barrancyloceras mascarellii* - VERMEULEN, p. 7, pl. 1, fig. 2

***Pseudoshasticioceras* DELANOY, 1999**
(1999, p. 431)

TYPE SPECIES: *Emericiceras magnini* DELANOY, 1992, p. 61, pl. 24, fig. 1, pl. 25, fig. 3 (OD).

INCLUDED (SUB)SPECIES:

<i>autrani</i> -	DELANOY, 1999, p. 433, pl. 1, fig. 2a, 2b (HT by OD)
<i>dardeau</i> -	DELANOY, 1992, p. 68, pl. 26, 4a, 4b (HT by OD)
<i>magnini</i> -	DELANOY, 1992, p. 61, pl. 24, fig. 1, pl. 25, fig. 3 (HT by OD)
<i>murphyi</i> -	DELANOY, 1992, p. 64, pl. 22, fig. 2a, 2b, 2c, 2d (HT by OD)
<i>quereilhaci</i> -	BERT, DELANOY & BERSAC, 2006, p. 209, pl. XII, fig. 2, pl. XIII, fig. 1 (HT by OD)

***Pseudoshasticrioceras autrani* DELANOY, 1999**

- *1999 *Pseudoshasticrioceras autrani* - DELANOY, p. 433, pl. 1, fig. 2a, 2b, pl. 2, fig. 1a, 1b, 2a, 2b, 3a, 3b, 4
2000b *Pseudoshasticrioceras autrani* - VERMEULEN, p. 130

***Pseudoshasticrioceras dardeau* (DELANOY, 1992)**

- 1992 ? *Emericiceras dardeau* - DELANOY, p. 68, pl. 26, fig. 2, 4a, 4b (HT by OD), 5
*2000 *Janusites dardeau* - BERT & DELANOY, p. 79

***Pseudoshasticrioceras magnini* (DELANOY, 1992)**

- ?1965a *Crioceratites (Emericiceras) hoheneggeri* - THOMEL, p. 32, pl. 6, fig. 2, 3
*1992 *Emericiceras magnini* - DELANOY, p. 61, pl. 24, fig. 1, 2, 3, pl. 25, fig. 3, 4, text-fig. 4E
?1992 *Emericiceras* aff. *magnini* - DELANOY, p. 63, pl. 26, fig. 1, pl. 27, fig. 1, pl. 29, fig. 2, 3
?1992 *Emericiceras* sp. gr. *magnini* - DELANOY, p. 66, pl. 25, fig. 1a, 1b, 1c, 1d
?1992 *Emericiceras* sp. ? gr. *magnini* - DELANOY, p. 67, pl. 30, fig. 1a, 1b, 1c
1998 *Emericiceras magnini* - DELANOY, pl. 2, fig. 1, 2 (=DELANOY, 1992, pl. 24, fig. 2, 1), fig. 3, 4a, 4b, 5
2000b *Pseudoshasticrioceras magnini* - VERMEULEN, p. 130

***Pseudoshasticrioceras murphyi* (DELANOY, 1992)**

- *1992 *Emericiceras murphyi* - DELANOY, p. 64, pl. 22, fig. 1a, 1b, 2a, 2b, 2c, 2d, pl. 23, fig. 1a, 1b, 1c

***Pseudoshasticrioceras quereilhaci* BERT, DELANOY & BERSAC, 2006**

- *2006 *Pseudoshasticrioceras quereilhaci* - BERT, DELANOY & BERSAC, p. 209, pl. XII, fig. 2, pl. XIII, fig. 1, fig. 2a, 2b, 2c

***Peirescites* BERT, DELANOY & BERSAC, 2006¹⁹⁹**

TYPE SPECIES: *Peirescites gygii* BERT, DELANOY & BERSAC, 2006, p. 220, pl. XIV, fig. 1 (OD).

INCLUDED (SUB)SPECIES:

- | | |
|----------------|---|
| <i>gygii</i> - | BERT, DELANOY & BERSAC, 2006, p. 220, pl. XIV, fig. 1 (HT by OD) |
| <i>riusi</i> - | BERT, DELANOY & BERSAC, 2006, p. 221, pl. XIV, fig. 2a, 2b, 2c (HT by OD) |

***Peirescites gygii* BERT, DELANOY & BERSAC, 2006**

- | | |
|-------|---|
| 1995 | <i>Emericiceras</i> sp. nov. ? - DELANOY & FÉRAUD, p. 206, pl. 3, fig. 1, text-fig. 2a, 3 bottom |
| 1998 | <i>Emericiceras</i> sp. nov. ? - DELANOY, pl. 18, fig. 6 (=DELANOY & FÉRAUD, 1995, pl. 3, fig. 1) |
| *2006 | <i>Peirescites gygii</i> - BERT, DELANOY & BERSAC, p. 220, pl. XIV, fig. 1 (=DELANOY & FÉRAUD, 1995, pl. 3, fig. 1) |

***Peirescites riusi* BERT, DELANOY & BERSAC, 2006**

- | | |
|-------|---|
| 1992 | <i>Emericiceras</i> sp. nov. ? - DELANOY, p. 70, pl. 19, fig. 6a, 6b |
| *2006 | <i>Peirescites riusi</i> - BERT, DELANOY & BERSAC, p. 221, pl. XIV, fig. 2a, 2b, 2c (=DELANOY, 1992, pl. 19, fig. 6a, 6b) |

***Spinocrioceras* KEMPER, 1973²⁰⁰
(1973b, p. 47)**

TYPE SPECIES: *Spinocrioceras polyspinosum* KEMPER, 1973b, p. 47, pl. 1, fig. 2a, 2b (OD).

INCLUDED (SUB)SPECIES:

- | | |
|-------------------------|--|
| <i>amadei</i> - | UHLIG, 1883, p. 256, pl. XXIII, fig. 5a, 5b, 5c (LT designated by VAŠÍČEK, 1979, p. 125) |
| <i>polyspinosum</i> - | KEMPER, 1973b, p. 47, pl. 1, fig. 2a, 2b (HT by OD) |
| <i>trachyomphalum</i> - | UHLIG, 1883, p. 257, pl. XIII, fig. 4 (HT by MT) |

***Spinocrioceras amadei* (UHLIG, 1883)**

- | | |
|-------|---|
| *1883 | <i>Acanthoceras Amadei</i> Hohenegger in coll. - UHLIG, p. 256, pl. XXIII, fig. 5a, 5b, 5c |
| 1883 | <i>Acanthoceras</i> aff. <i>Amadei</i> - UHLIG, p. 257, pl. XXIII, fig. 6a, 6b |
| 1979 | <i>Procheloniceras amadei</i> - VAŠÍČEK, p. 125, pl. II, fig. 1, text-fig. 4 (=UHLIG, 1883, pl. XXIII, fig. 5a, 5b, 5c) |
| 1979 | <i>Procheloniceras</i> aff. <i>amadei</i> - VAŠÍČEK, text-fig. 5 (=UHLIG, 1883, pl. XXIII, fig. 6b) |
| 1992 | <i>Spinocrioceras amadei</i> - DELANOY, p. 79, pl. 14, fig. 3, pl. 40, fig. 3, text-fig. 4A, 4B, text-fig. 4D (=VAŠÍČEK, 1979, text-fig. 4) |
| 1992 | <i>Spinocrioceras</i> aff. <i>amadei</i> - DELANOY, p. 80, pl. 14, fig. 6 |
| 1997 | " <i>Procheloniceras</i> " <i>amadei</i> - AGUADO et al., fig. 7b |
| 2002 | <i>Spinocrioceras</i> cf. <i>amadei</i> - VAŠÍČEK & SKUPIEN, p. 69, pl. II, fig. 3 |
| 2002 | <i>Spinocrioceras</i> cf. <i>amadei</i> - SKUPIEN & VAŠÍČEK, fig. 7: 7 |

¹⁹⁹ In the view of VERMEULEN (herein) perhaps a genus in the Ancyloceratidae.

²⁰⁰ VERMEULEN, 2006, p. 160 a genus in the Douvilleiceratidae.

2005 *Spinocrioceras amadei* - SHARIKADZE & KAKABADZE in KOTETISHVILI et al., p. 349, pl. 73, fig. 1a, 16, 1b

***Spinocrioceras polyspinosum* KEMPER, 1973**

- 1970 *Emericiceras* (?) sp. - KOTETISHVILI, p. 71, pl. IX, fig. 3a, 36
*1973b *Spinocrioceras polyspinosum* - KEMPER, p. 47, pl. 1, fig. 2a, 2b, text-fig. 1e, 2
?1973b *Spinocrioceras* (?) sp. - KEMPER, p. 49, pl. 1, fig. 8a, 8b, text-fig. 1d
1992 *Spinocrioceras polyspinosum* - DELANOY, p. 83, pl. 15, fig. 1, text-fig. 4C
1994 *Spinocrioceras polyspinosum* - CECCA & LANDRA, p. 408, pl. 2, fig. 2
1995 *Spinocrioceras polyspinosum* - KEMPER, pl. 1, fig. 2a, 2b (=KEMPER, 1973b, pl. 1, fig. 2a, 2b)
?1995 *Paraspticeras* cf. *percevali* - KEMPER, pl. 1, fig. 8a, 8b (=KEMPER, 1973b, pl. 1, fig. 8a, 8b)
1995 *Spinocrioceras polyspinosum* - DELANOY & FÉRAUD, p. 204, pl. 1, fig. 1 (=KEMPER, 1973b, pl. 1, fig. 2b), 2a, 2b, 2c, pl. 2, fig. a, pl. 3, fig. 2a, 2b, 3a, 3b, pl. 4, pl. 5, fig. 1 (=DELANOY, 1992, pl. 15, fig. 1), fig. 2, text-fig. 2b, 2c, 2d, 2e, 3
1995 *Spinocrioceras polyspinosum* - DELANOY, p. 286, pl. 3, fig. 6 (=DELANOY & FÉRAUD, 1995, pl. 2, fig. a)
1996 *Spinocrioceras polyspinosum* - WRIGHT et al., p. 215, fig. 166: 3 (=KEMPER, 1973b, pl. 1, fig. 2b)
1998 *Spinocrioceras polyspinosum* - DELANOY, pl. 18, fig. 3 (=DELANOY & FÉRAUD, 1995, pl. 4), fig. 4a, 4b, 4c (=DELANOY & FÉRAUD, 1995, pl. 1, fig. 2a, 2b, 2c), fig. 5 (=DELANOY & FÉRAUD, 1995, pl. 3, fig. 2a)

***Spinocrioceras trachyomphalum* (UHLIG, 1883)**

- *1883 *Acanthoceras trachyomphalus* - UHLIG, p. 257, pl. XXIII, fig. 4
1992 *Spinocrioceras trachyomphalus* - DELANOY, p. 82, pl. 14, fig. 1a, 1b, 1c
1994 *Spinocrioceras trachyomphalus* - CECCA & LANDRA, p. 407, pl. 2, fig. 1a, 1b

Family LEPTOCERATOIDIDAE THIEULOY, 1966²⁰¹
(=KARSTENICERATINAE IMMEL, 1987)

Leptoceratoides THIEULOY, 1966
(1966, p. 289)

TYPE SPECIES: *Crioceras (Leptoceras) pumilum* UHLIG, 1883, p. 270, pl. XXIX, fig. 4 (OD).

INCLUDED (SUB)SPECIES:

<i>balernaensis</i> -	RIEBER, 1977, p. 779, pl. 1, fig. 1 (HT by OD)
<i>brunneriformis</i> -	AVRAM, 1999, p. 33, pl. 1, fig. 1, text-fig. 2: 1a, 1b (HT by OD)
<i>?heeri</i> -	OOSTER, 1860, p. 32, pl. 38, fig. 5 (LT designated by VAŠÍČEK & WIEDMANN, 1994, p. 219)
<i>longicornis</i> -	PICTET & DE LORIO, 1858, p. 31, pl. VII, fig. 2 (LT designated herein) ²⁰²
<i>?polieri</i> -	MYCZYŃSKI, 1977, p. 154, pl. 4, fig. 7 (HT by OD)
<i>pumilus</i> -	UHLIG, 1883, p. 270, pl. XXIX, fig. 4 (LT designated by THIEULOY, 1966, p. 289)
<i>?puzosianus</i> -	D'ORBIGNY, 1841, p. 466, pl. 115 bis, fig. 1, 2 (HT by MT) (neotype designated by BUSNARDO & DELANOY in GAUTHIER, 2006, p. 137, pl. 23, fig. 10)
<i>subtilis</i> -	UHLIG, 1883, p. 271, pl. XXIX, fig. 7 (LT designated by VAŠÍČEK, 1972, p. 54)
<i>svinitensis</i> -	AVRAM, 1999, p. 34, pl. 1, fig. 9a, 9b, text-fig. 2: 5a, 5b (HT by OD)

Leptoceratoides balernaensis (RIEBER, 1977)

1967	<i>Leptoceras subtile</i> - DIMITROVA, p. 39, pl. XII, fig. 7
*1977	<i>Karsteniceras balernaense</i> - RIEBER, p. 779, pl. 1, fig. 1, 2, 3, 4, 5, 6, 7, text-fig. 2
?1984	<i>Leptoceras</i> ? cf. <i>barnaense</i> - AVRAM & KUSKO, p. 14, pl. II, fig. 9
1994	<i>Karsteniceras balernaense</i> - VAŠÍČEK & WIEDMANN, p. 218, pl. 3, fig. 4

Leptoceratoides brunneriformis (AVRAM, 1999)

1883	<i>Crioceras (Leptoceras)</i> cf. <i>Brunneri</i> - UHLIG, 271
1976a	<i>Leptoceras</i> sp. aff. <i>L. brunneri</i> - AVRAM, p. 32
*1999	<i>Leptoceras brunneriforme</i> - AVRAM, p. 33, pl. 1, fig. 1, 2, 3, 4, 5a, 5b, text-fig. 2: 1a, 1b, 2a, 2b
1999	<i>Leptoceras</i> aff. <i>brunneriforme</i> - AVRAM, p. 34, pl. 1, fig. 6a, 6b, 7, 8a, 8b, text-fig. 2: 3a, 3b, 4a, 4b

Leptoceratoides? heeri (OOSTER, 1860)

*1860	<i>Ancyloceras Heeri</i> - OOSTER, p. 32, pl. 38, fig. 5, ?fig. 1, 2, 3, non fig. 4 (=Anahamulina distans)
1902	<i>Crioceras (Leptoceras) Heeri</i> - SARASIN & SCHÖNDELMAYER, p. 149, pl. XX, fig. 2 (=OOSTER, 1860, pl. 38, fig. 5), non fig. 3 (=OOSTER, 1860, pl. 38, fig. 4) (=Anahamulina distans)
1994	<i>Karsteniceras? heeri</i> - VAŠÍČEK & WIEDMANN, p. 219

²⁰¹ In the view of VERMEULEN, 2006 a family in the Protancyloceratoidea, including *Leptoceras*.

²⁰² The most complete specimen.

non2003 *Leptoceratoides (l. s.)* sp. - BUSNARDO et al., p. 81, pl. XXX, fig. 3 (=OOSTER, 1860, pl. 38, fig. 4) (=Anahamulina distans)

***Leptoceratoides longicornis* (PICTET & DE LORIO, 1858)**

- *1858 *Toxoceras longicornis* - PICTET & DE LORIO, p. 31, pl. VII, fig. 2, 3
2003 *Leptoceratoides* sp. gr. *pumilum* - BUSNARDO et al., p. 97

***Leptoceratoides? polieri* (MYCZYŃSKI, 1977)**

- *1977 *Karsteniceras polieri* - MYCZYŃSKI, p. 154, pl. 4, fig. 1, 3, 7
?1977 *Karsteniceras* sp. - MYCZYŃSKI, p. 155, pl. 4, fig. 8, 9, 10, 11, pl. 5, fig. 1, 2
1994 *Karsteniceras polieri* - VAŠÍČEK & WIEDMANN, p. 218

***Leptoceratoides pumilus* (UHLIG, 1883)**

- 1860 *Ancylloceras Escheri* - OOSTER, pl. 37, fig. 3, 4
*1883 *Crioceras (Leptoceras) pumilum*²⁰³ - UHLIG, p. 270, pl. XXIX, fig. 4, 5, 6a, 6b
1902 *Crioceras (Leptoceras) pumilum* - SARASIN & SCHÖNDELMAYER, p. 147, pl. XX, fig. 4
(=OOSTER, 1860, pl. 37, fig. 4)
?1927 *Leptoceras* cfr. *pumilum* - YABE & SHIMIZU, p. 73(41), pl. XV(IV), fig. 20
1938 *Leptoceras parvulum* - ROMAN, pl. XXXV, fig. 335, 336 (=UHLIG, 1883, pl. XXIX, fig. 4, 5)
1957 *Leptoceras pumilum* - ARKELL et al., p. L211
?1958 *Leptoceras parvulum* - FÜLOP, pl. VII, fig. 3
1958 *Leptoceras parvulum* - LUPPOV & DRUSHCHITS, pl. XLVIII, fig. 6, 7 (=UHLIG, 1883, pl. XXIX, fig. 4, 5)
1962a *Leptoceras pumilum* - MANOLOV, p. 532
?1962 *Leptoceras pumilum* - AKOPIAN, p. 205, pl. I, fig. 5
1966 *Leptoceratoides pumilus* - THIEULOY, p. 289
1969 *Leptoceras pumilum* - WIEDMANN, pl. 2, fig. 2 (=UHLIG, 1883, pl. XXIX, fig. 6a)
1972 *Leptoceratoides pumilus* - VAŠÍČEK, p. 54, pl. IV, fig. 5
1972 *Leptoceras pumilum* - WIEDMANN, pl. 1, fig. 2 (=UHLIG, 1883, pl. XXIX, fig. 6a)
1976a *Leptoceratoides pumilus* - AVRAM, p. 33, pl. IV, fig. 1
1984 *Leptoceras pumilum* - AVRAM & KUSKO, p. 14, pl. II, fig. 8
1985 *Leptoceras parvulum* - HAAS et al., p. 87, pl. 24, fig. 3
1987 *Leptoceratoides pumilus* - MATSUKAWA, p. 349
1990 *Karsteniceras subtile* - VAŠÍČEK, p. 104, pl. 1, fig. 6
1994 *Karsteniceras pumilum* - VAŠÍČEK & WIEDMANN, p. 213, pl. 1, fig. 9 (=UHLIG, 1883, pl. XXIX, fig. 4), pl. 2, fig. 3 (=UHLIG, 1883, pl. XXIX, fig. 6a), fig. 4
1996 *Leptoceratoides pumilum* - WRIGHT et al., p. 225, fig. 177: 3 (=UHLIG, 1883, pl. XXIX, fig. 4)

***Leptoceroides? puzosianus* (D'ORBIGNY, 1842)**

- *1842 *Crioceras Puzosianum* - D'ORBIGNY, p. 466, pl. 115 bis, fig. 1, 2
1850 *Crioceras Puzosianus* - D'ORBIGNY, p. 100, n° 622
?1863 *Crioceras Puzosianum* - SCHÄFFHAUTL, p. 421, pl. LXXVII, fig. 3a, 3b
1883 *Crioceras Puzosianum* - UHLIG, p. 272
1902 *Crioceras puzosianum* - SARASIN & SCHÖNDELMAYER, p. 98
1910b *Crioceras (Leptoceras) Puzosianum* - KILIAN, p. 272
1955 *Spathicrioceras? puzosianum* - SARKAR, p. 160
1981 *Leptoceras puzosianum* - MEMMI, p. 180

²⁰³ *Leptoceras parvulum* in legend UHLIG, 1883, plate XXIX.

- 1994 *'Crioceras' puzosianum* - VAŠÍČEK & WIEDMANN, p. 208
 1995 *Leptoceratoides* aff. *puzosianum* - DELANOY, pl. 7, fig. 3
 1995 *Leptoceratoides puzosianum* - DELANOY, pl. 7, fig. 4, 5
 1998 *Leptoceratoides puzosianum* - DELANOY, pl. 8, fig. 5 (=DELANOY, 1995, pl. 7, fig. 4), pl. 14, fig. 8 (=DELANOY, 1995, pl. 7, fig. 5), pl. 20, fig. 5 (=DELANOY, 1995, pl. 7, fig. 3), pl. 30, fig. 4
 2006 *Leptoceratoides puzosianus* - BUSNARDO & DELANOY in GAUTHIER, p. 137, pl. 23, fig. 10

***Leptoceratoides subtilis* (UHLIG, 1883)**

- *1883 *Crioceras (Leptoceras) subtile* - UHLIG, p. 271, pl. XXIX, fig. 7, 8, 9a, 9b
 1966 *Leptoceratoides subtilis* - THIEULOY, p. 289
 1967 *Leptoceras subtile* - DIMITROVA, p. 39, ?pl. XII, fig. 8, non pl. XII, fig. 7 (=Leptoceratoides balernaense), text-fig. 18 (=UHLIG, 1883, pl. XXIX, fig. 9b)
 1972 *Leptoceratoides subtilis* - VAŠÍČEK, p. 54, pl. VII, fig. 4
 1972 *Leptoceratoides* cf. *subtilis* - VAŠÍČEK, pl. V, fig. 4, text-fig. 16
 1976a *Leptoceratoides subtilis* - AVRAM, p. 33
 ?1977 *?Karsteniceras* cf. *subtilis* - MYCZYŃSKI, p. 155, pl. 4, fig. 5
 ?1977 *Karsteniceras* ? sp. B - MYCZYŃSKI, p. 156, pl. 5, fig. 3
 1984 *Leptoceras subtile* - AVRAM & KUSKO, p. 14, pl. II, fig. 6, 7
 non1990 *Karsteniceras subtile* - VAŠÍČEK, p. 104, pl. 1 fig. 6 (=Leptoceratoides pumilum)
 1991 *Karsteniceras subtile* - MANTHEY, p. 77, pl. 2, fig. 1
 1994 *Karsteniceras* cf. *subtile* - STÖHR, p. 299, pl. 1, fig. 5, 6
 1994 *Karsteniceras subtile* - VAŠÍČEK & WIEDMANN, p. 214, pl. 2, fig. 5, text-fig. 3B (=UHLIG, 1883, pl. XXIX, fig. 7), fig. 6, 7 (=UHLIG, 1883, pl. XXIX, fig. 8, 9a), fig. 8 (=MANTHEY, 1991, pl. 2, fig. 1)
 1998 *Leptoceratoides subtile* - VAŠÍČEK & KLAJMON, p. 334, pl. I, fig. 10, 11

***Leptoceratoides svinitensis* (AVRAM, 1999)**

- 1898 *Leptoceras Studeri* - SIMIONESCU, p. 147 (91), pl. IV, fig. 6
 *1999 *Leptoceras svinitensis* - AVRAM, p. 34, pl. 1, fig. 9a, 9b, 10a, 10b, 10c, pl. 2, fig. 1a, 1b, 3, fig. 2: 5a, 5b

***Karsteniceras* ROYO Y GOMEZ, 1945 (1945b, p. 460)**

TYPE SPECIES: *Ancylloceras beyrichii* KARSTEN, 1858, p. 103, pl. I, fig. 4a, 4b, 4c, 4d (OD).

INCLUDED (SUB)SPECIES:

<i>aequicostatum</i> -	VAŠÍČEK & HOEDEMAEKER, 2003b, p. 141, text-fig. 1A, 1B (HT by OD)
<i>asiaticum</i> -	YABE & SHIMIZU, 1927, p. 73(41), pl. XV(IV), fig. 21 (HT by OD)
<i>beyrichii</i> -	KARSTEN, 1858, p. 103, pl. I, fig. 4a, 4b, 4c, 4d (HT by MT)
<i>beyrichoide</i> -	VAŠÍČEK & WIEDMANN, 1994, p. 213, pl. 1, fig. 7, 8 (HT by OD)
<i>cirtae</i> -	COQUAND, 1880, p. 374 (LT and neotype requested)
<i>?filicostatum</i> -	STAHLCKER, 1935, p. 286, pl. XIV, fig. 16 (HT by MT)
<i>hoheneggeri</i> -	VAŠÍČEK & WIEDMANN, 1994, p. 215, pl. 2, fig. 9, text-fig. 3C (HT by OD)
<i>ibericum</i> -	VAŠÍČEK & WIEDMANN, 1994, p. 212, pl. 1, fig. 4, 5, text-fig. 1C (HT by OD)

- ?*multicostatum* - KAKABADZE & HOEDEMAEKER, 1997, p. 72, pl. 16, fig. 1a, 1b (HT by OD)
obatai - MATSUKAWA, 1987, p. 349, text-fig. 3: 3a, 3b, 3c (HT by OD)
 ?*pugnairii* - ASTIER, 1851, p. 446, pl. XV, fig. 5 (HT by MT)²⁰⁴
ternbergense - LUKENEDER, 2002, p. 18, fig. 3A (HT by OD)
trinidadense - VAŠÍČEK & WIEDMANN, 1994, p. 216 (HT by OD)
 IMLAY, 1954, pl. 74, fig. 16)

***Karsteniceras aequicostatum* VAŠÍČEK & HOEDEMAEKER, 2003**

- ?1986 *Moutoniceras* (?) sp. nov. - MYCZYŃSKI & TRIFF, p. 130, pl. III, fig. 5, 7
 *2003b *Karsteniceras aequicostatum* - VAŠÍČEK & HOEDEMAEKER, p. 141, text-fig. 1A, 1B

***Karsteniceras asiaticum* (YABE & SHIMIZU, 1927)**

- *1927 *Leptoceras asiaticum* - YABE & SHIMIZU in YABE et al., p. 73(41), pl. XV(IV), fig. 21
 1966 *Leptoceratoides asiaticus* - THIEULOY, p. 289
 1988 *Karsteniceras asiaticum* - MATSUKAWA, p. 399, fig. 3: 4, fig. 3: 5 (=YABE & SHIMIZU, 1927), pl. XV(IV), fig. 21), fig. 3: 6a, 6b, fig. 4
 1994 *Karsteniceras asiaticum* - VAŠÍČEK & WIEDMANN, p. 218

***Karsteniceras beyrichii* (KARSTEN, 1858)**

- *1858 *Ancyloceras Beyrichii* - KARSTEN, p. 103, pl. I, fig. 4a, 4b, 4c, 4d
 non1883 *Crioceras (Leptoceras) Beyrichi* - UHLIG, p. 272, pl. XXXII, fig. 4, 5, 6 (=Karsteniceras beyrichoides), fig. 8 (=Karsteniceras beyrichoides)
 1886 *Ancyloceras Beyrichii* - KARSTEN, p. 26, pl. I, fig. 4a, 4b, 4c, 4d (=KARSTEN, 1858, pl. I, fig. 4a, 4b, 4c, 4d)
 ?1897 *Crioceras cf. Beyrichi* - GERHARDT, p. 160
 1910b *Crioceras (Leptoceras) Beyrichi* - KILIAN, p. 246
 1936 *Ancyloceras Beyrichii* - BOTERO, p. 24, pl. 6, fig. 5, 6, 7
 1936a *Leptoceras Beyrichii* - BREISTROFFER, p. 156
 non1945b *Karsteniceras beyrichii* - ROYO Y GOMEZ, p. 461, pl. LXXI, fig. 1a, 1b, 1c, text-fig. 1, 1a (=Karsteniceras ibericum)
 ?1954 *Leptoceras cf. L. beyrichii* - IMLAY, p. 664, pl. 74, fig. 23, 24
 1954 *Ancyloceras beyrichi* - BÜRGL, p. 14, 15
 non1957 *Karsteniceras beyrichi* - ARKELL et al., p. L 210, fig. 237: 4a, 4b (=ROYO Y GOMEZ, 1945b, text-fig. 1, 1a) (=Karsteniceras ibericum)
 1960 *Leptoceras beyrichi* - RENZ, p. 332, in fig. 3a
 1960 *Leptoceras (Karsteniceras) sp. cf. beyrichi* - RENZ, in fig. 3a
 1960a *Karsteniceras beyrichi* - BÜRGL, p. 146, 148
 non1960 *Leptoceras beyrichi* - DRUSHCHITS, p. 295, pl. XL, fig. 4 (=Karsteniceras beyrichoides)
 non1966 *Leptoceras beyrichi* - BRESKOVSKI, p. 79, pl. VI, fig. 1 (=Karsteniceras hoheneggeri)
 non1967 *Karsteniceras beyrichi* - DIMITROVA, p. 38, pl. XII, fig. 6 (=BRESKOVSKI, 1966, pl. VI, fig. 1) (=Karsteniceras hoheneggeri)
 ?1968 *Karsteniceras beyrichii* - ETAYO-SERNA, p. 54, pl. 1, fig. 5, 7, non fig. 1, 2, 3, text-fig. 4: 8., 4: 9 (=Karsteniceras ibericum)
 non1976a *Karsteniceras aff. beyrichi* - AVRAM, p. 34, pl. III, fig. 9 (=Karsteniceras beyrichoides)
 non1978 *Karsteniceras beyrichii* - WIEDMANN, pl. IV, fig. 2a, 2b (=Karsteniceras ibericum)
 non1986 *Karsteniceras beyrichi* - DARGA & WEIDICH, p. 103, pl. 3, fig. 3
 ?1986 *Karsteniceras beyrichii* - GONZÁLEZ-ARREOLA & CARRILLO-MARTÍNEZ, p. 174, fig. 3
 non1987 *Karsteniceras beyrichi* - IMMEL, p. 118, pl. 12, fig. 6

²⁰⁴ Very tentatively included in *Karsteniceras*. See VAŠÍČEK & WIEDMANN, 1994 page 209.

- ?1990 *Karsteniceras beyrichi* - THOMEL, pl. XIII, fig. 5
 1994 *Karsteniceras beyrichi* - VAŠÍČEK & WIEDMANN, p. 209, pl. 2, fig. 1, 2, text-fig. 1B
 non1996 *Karsteniceras beyrichi* - WRIGHT et al., p. 226, non fig. 177: 4a, 4b (=ROYO Y GOMEZ, 1945b, text-fig. 1a, 1), fig. 177: 4c, 4d (=ETAYO-SERNA, 1968, pl. I, fig. 1, 2)
 (= *Karsteniceras ibericum*)
 1997 *Karsteniceras beyrichi* - KAKABADZE & HOEDEMAEKER, p. 71, pl. 7, fig. 3a, 3b, 4a, 4b, pl. 16, fig. 3a, 3b

***Karsteniceras beyrichoide* VAŠÍČEK & WIEDMANN, 1994**

- 1883 *Crioceras (Leptoceras) Beyrichi* - UHLIG, p. 272, pl. XXXII, fig. 4, 5, 6, ?8
 1960 *Leptoceras beyrichi* - DRUSHCHITS, p. 295, pl. XL, fig. 4
 1976a *Karsteniceras aff. beyrichi* - AVRAM, p. 34, pl. III, fig. 9
 *1994 *Karsteniceras beyrichoide* - VAŠÍČEK & WIEDMANN, p. 213, pl. 1, fig. 6, 7, 8, text-fig. 3A
 1998 *Karsteniceras beyrichoide* - VAŠÍČEK & KLAJMON, p. 334, pl. 1, fig. 12, 13, 14
 1999 *Karsteniceras beyrichoide* - VAŠÍČEK, p. 220, pl. 3, fig. 4, 5 (=VAŠÍČEK & KLAJMON, 1998, pl. 1, fig. 12, 13)
 2002 *Karsteniceras beyrichoide* - SKUPIEN & VAŠÍČEK, fig. 7: 4 (=VAŠÍČEK, 1999, pl. 3, fig. 4)

***Karsteniceras cirtae* (COQUAND, 1880)**

- *1880 *Toxoceras Cirtae* - COQUAND, p. 374
 1886 *Toxoceras Cirtae* - HEINZ, pl. IV
 1890 *Leptoceras Cirtae* - SAYN, p. 69, pl. III, fig. 15
 1890 *Leptoceras* sp. ind. - SAYN, p. 69, pl. III, fig. 16
 1898 *Leptoceras aff. cirtae* - SIMIONESCU, p. 147(91)
 1910b *Crioceras Cirtae* - KILIAN, p. 272
 1912 *Leptoceras Cirtae* - JOLEAUD, p. 138
 1912 *Leptoceras* cf. *Cirtae* - JOLEAUD, p. 138 (=SAYN, 1890, pl. III, fig. 16)
 1912 *Leptoceras* sp. (aff. *Cirtae*) - JOLEAUD, p. 138
 1912 *Leptoceras* sp. (du groupe *Cirtae*) - JOLEAUD, p. 138
 1938 *Leptoceras Cirtae* - DELEAU, p. 135
 1996 *Karsteniceras cirtae* - ELMI et al, p. 109

***Karsteniceras? filicostatum* (STAHLECKER, 1935)**

- *1935 "*Toxoceras*" *filicostatum* - STAHLECKER, p. 286, pl. XIV, fig. 16
 1966 *Leptoceratoides filicostatus* - THIEULOY, p. 289
 1990 *Toxoceras filicostatum* - FOURCADE et al., p. 39
 1994 *Karsteniceras? filicostatum* - VAŠÍČEK & WIEDMANN, p. 219

***Karsteniceras hoheneggeri* VAŠÍČEK & WIEDMANN, 1994**

- 1883 *Crioceras (Leptoceras)* n. sp. ind. aff. *cristatum* - UHLIG, p. 272, pl. XXXII, fig. 3
 1883 *Crioceras (Leptoceras)* n. sp. ind. - UHLIG, p. 272, pl. XXXII, fig. 7
 ?1966 *Leptoceras beyrichi* - BRESKOVSKI, p. 79, pl. VI, fig. 1
 ?1967 *Karsteniceras beyrichi* - DIMITROVA, p. 38, pl. XII, fig. 6 (=BRESKOVSKI, 1966, pl. VI, fig. 1)
 *1994 *Karsteniceras hoheneggeri* - VAŠÍČEK & WIEDMANN, p. 215, pl. 2, fig. 9 (=UHLIG, 1883, pl. XXXII, fig. 3), pl. 3, fig. 1, 2 (=UHLIG, 1883, pl. XXXII, fig. 7), pl. 3, fig. 3, text-fig. 3C, 3D
 2000 *Leptoceratoides hoheneggeri* - LANDRA et al., p. 38, pl. 2, fig. 1a, 1b, 2a, 2b, 3a, 3b, 4a, 4b

***Karsteniceras ibericum* VAŠÍČEK & WIEDMANN, 1994**

- 1945b *Karsteniceras beyrichii* - ROYO Y GOMEZ, p. 461, pl. LXXI, fig. 1a, 1b, 1c, text-fig. 1, 1a
1957 *Karsteniceras beyrichi* - ARKELL et al., p. L 210, fig. 237: 4a, 4b (=ROYO Y GOMEZ, 1945b, text-fig. 1, 1a)
1968 *Karsteniceras beyrichii* - ETAYO-SERNA, p. 54, pl. I, fig. 1, 2, 3, text-fig. 4: 8, 4: 9, non pl. I, fig. 5, 7 (?*Karsteniceras beyrichii*)
1978 *Karsteniceras beyrichii* - WIEDMANN, pl. IV, fig. 2a, 2b
*1994 *Karsteniceras ibericum* - VAŠÍČEK & WIEDMANN, p. 212, pl. 1, fig. 4, 5, text-fig. 1C, 2

***Karsteniceras? multicostatum* KAKABADZE & HOEDEMAEKER, 1997**

- *1997 *Karsteniceras multicostatum* - KAKABADZE & HOEDEMAEKER, p. 72, pl. 16, fig. 1a, 1b, 2a, 2b, 2c, text-fig. 9a, 9b, 9c, 9d, 9e

***Karsteniceras obatai* MATSUKAWA, 1987**

- 1927 *Ancyloceras?* sp. indet. - YABE & SHIMIZU, p. 71, pl. XV(IV), fig. 12, 13
*1987 *Karsteniceras obatai* - MATSUKAWA, p. 349, fig. 1, 2, 3: 1a, 1b, 1c, 2a, 2b, 2c, 3a, 3b, 3c, 4a, 4b
1988 *Karsteniceras obatai* - MATSUKAWA, p. 401, fig. 3: 7, 8a, 8b, 9, text-fig. 5
1994 *Karsteniceras obatai* - VAŠÍČEK & WIEDMANN, p. 219
2007 *Karsteniceras obatai* - OBATA & MATSUKAWA, p. 382, fig. 4E, 6F, 6G, 6H, fig. 6K, 6L, 6M (=MATSUKAWA, 1987, fig. 3: 3a, 3b, 3c), 8Q

***Karsteniceras? pugnairii* (ASTIER, 1851)**

- *1851 *Ancyloceras Pugnairii* - ASTIER, p. 446, pl. XV, fig. 5
1860 *Ancyloceras Pugnairi* - OOSTER, p. 19, pl. 32, fig. 5 (=ASTIER, 1851, pl. XV, fig. 5), ?fig. 6, 7, 8
1861 *Ancyloceras Pugnairii* - PICTET & CAMPICHE, p. 44
1902 *Crioceras Pugnairii* - SARASIN & SCHÖNDELMAYER, p. 103
1910b *Crioceras Pugnairi* - KILIAN, p. 272
1955 «*Crioceras*» *pugnairii* - SARKAR, p. 162
1994 '*Ancyloceras*' *pugnairi* - VAŠÍČEK & WIEDMANN, p. 209

***Karsteniceras ternbergense* LUKENEDER, 2002**

- *2002 *Karsteniceras ternbergense* - LUKENEDER in LUKENEDER & TANABE, p. 18, fig. 3A, 3B, 3C, 4A, 4B, 4C, 4D, 4E
2003b *Karsteniceras ternbergense* - LUKENEDER, p. 96, pl. 10, fig. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, text-fig. 9
2004b *Karsteniceras ternbergense* - LUKENEDER, p. 180, pl. 3, fig. 2 (=LUKENEDER, 2003, pl. 10, fig. 1)
2004c *Karsteniceras* cf. *ternbergense* - LUKENEDER, p. 44, pl. 2, fig. 3
2005a *Karsteniceras ternbergense* - LUKENEDER, p. 311, fig. 6: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

***Karsteniceras trinidadense* VAŠÍČEK & WIEDMANN, 1994**

- 1954 *Leptoceras* sp. indet. - IMLAY, p. 664, pl. 74, fig. 16, 17, non fig. 18
*1994 *Karsteniceras trinidadense* - VAŠÍČEK & WIEDMANN, p. 216

?*Monsalveiceras* KAKABADZE & HOEDEMAEKER, 1997
(1997, p. 73)

TYPE SPECIES: *Monsalveiceras monsalvense* KAKABADZE & HOEDEMAEKER, 1997, p. 74, pl. 7, fig. 5a, 5b, 5c (OD).

INCLUDED (SUB)SPECIES:

monsalvense - KAKABADZE & HOEDEMAEKER, 1997, p. 74, pl. 7, fig. 5a, 5b, 5c (HT by OD)

***Monsalveiceras monsalvense* KAKABADZE & HOEDEMAEKER, 1997**

*1997 *Monsalveiceras monsalvense* - KAKABADZE & HOEDEMAEKER, p. 74, pl. 7, fig. 5a, 5b, 5c

***Hamulinites* PAQUIER, 1900**
(1900, p. VI)

=***Eoleptoceras*** MANOLOV, 1962a, p. 532. TYPE SPECIES: *Crioceras (Leptoceras) parvulum* UHLIG, 1883, p. 273, pl. XXIX, fig. 3a, 3b, 3b (OD).

=***Eoleptoceras (Tzankoviceras)*** MANOLOV, 1962a, p. 533. TYPE SPECIES: *Crioceras (Leptoceras) assimile* UHLIG, 1883, p. 272, pl. XXXII, fig. 9a, 9b (OD).

=***Eoleptoceras (Wrightites)*** MANOLOV, 1962a, p. 534. TYPE SPECIES: *Crioceras (Leptoceras) parvulum* UHLIG, 1883, p. 273, pl. XXIX, fig. 3a, 3b, 3b (OD).

TYPE SPECIES: *Hamulina Munieri* NICKLÈS, 1894, p. 59, pl. XI(V), fig. 8, 8b (OD).

INCLUDED (SUB)SPECIES:

assimilis - UHLIG, 1883, p. 272, pl. XXXII, fig. 9a, 9b (LT designated by MANOLOV, 1962a, explanation pl. 73, fig. 7, 8)

fragilis - UHLIG, 1883, p. 274, pl. XXIX, fig. 11 (HT by MT) (neotype designated by VAŠÍČEK & WIEDMANN, 1994, p. 222, pl. 4, fig. 1)

munieri - NICKLÈS, 1894, p. 59, pl. XI(V), fig. 8, 8b (LT designated by KAKABADZE & HOEDEMAEKER, 1997, p. 80)

nicklesi - AVRAM, 1999, p. 37, pl. 2, fig. 6a, 6b (HT by OD)

parvulus - UHLIG, 1883, p. 273, pl. XXIX, fig. 3a, 3b, 3c (LT designated by MANOLOV, 1962a, p. 534)

parvulus non Uhlig - SARASIN & SCHÖNDELMAYER, 1902, p. 166 (LT requested)

parvulus kraptschenensis - MANOLOV, 1962a, p. 535, pl. 75, fig. 4, 5, 6, text-fig. 1c (HT by OD)

tzankovi - MANOLOV, 1962a, p. 533, pl. 75, fig. 2 (HT by OD)

varusensis - D'ORBIGNY, 1850, p. 102, n° 652 (LT COTTREAU, 1937, pl. LXXX, fig. 3 designated by BUSNARDO, 2003, p. 81)

?*vocontiorus* - PAQUIER, 1900²⁰⁵ (nomen nudum)

wrighti - MANOLOV, 1962a, p. 535, pl. 75, fig. 9, 10, text-fig. 1b (HT by OD)

²⁰⁵ In SIMIONESCU, 1900, p. 526: *Hamulinites Vocontiorum* PAQUIER, Thèse.

***Hamulinites assimilis* (UHLIG, 1883)**

- *1883 *Crioceras (Leptoceras) assimile* - UHLIG, p. 272, pl. XXXII, fig. 9a, 9b
1962a *Eoleptoceras (Tzankovicerias) assimilis* - MANOLOV, p. 533, pl. 73, fig. 7, 8 (=UHLIG, 1883, pl. XXXII, fig. 9a, 9b), non pl. 74, fig. 3, 4 (= ?*Hamulinites parvulus*)
non1967 *Eoleptoceras (Tzankovicerias) assimilis* - DIMITROVA, p. 37, pl. 18, fig. 10 (=MANOLOV, 1962a, pl. 74, fig. 3) (= ?*Hamulinites parvulus*)
non1967 *Eoleptoceras (Tzankovicerias) assimilis* - NAGY, p. 67, pl. III, fig. 4 (= ?*Crioceratitinae* juv.)
1994 *Hamulinites assimilis* - VAŠÍČEK & WIEDMANN, p. 224, pl. 4, fig. 3 (=UHLIG, 1883, pl. XXXII, fig. 9a), text-fig. 5C

***Hamulinites fragilis* (UHLIG, 1883)**

- 1860 *Ancyloceras Escheri* - OOSTER, pl. 37, fig. 2
*1883 *Crioceras (Leptoceras) fragile* - UHLIG, p. 274, pl. XXIX, fig. 11
1902 *Crioceras (Leptoceras) Escheri* - SARASIN & SCHÖNDELMAYER, pl. XIX, fig. 4
1984 *Eoleptoceras (Eoleptoceras) aff. fragile* - AVRAM & KUSKO, p. 14, pl. II, fig. 5
1994 *Hamulinites fragilis* - VAŠÍČEK & WIEDMANN, p. 222, pl. 4, fig. 1, 2, text-fig. 5B

***Hamulinites munieri* (NICKLÈS, 1894)**

- *1894 *Hamulina Munieri* - NICKLÈS, p. 59, pl. XI(V), fig. 8, 8b, text-fig. 42, non pl. XI(V), fig. 7 (= *Hamulinites parvulus*)
1950 *Hamulina Munieri* - BATALLER, p. 345, fig. on p. 346 (=NICKLÈS, 1894, pl. XI(V), fig. 8, 8b, text-fig. 42)
1957 *Hamulinites munieri* - ARKELL et al., p. L215
1963 *Hamulinites munieri* - WIEDMANN, p. 108, pl. 1, fig. 3, text-fig. 2
1996 *Hamulinites munieri* - WRIGHT et al., p. 225, fig. 177, fig. 2a, 2b (=NICKLÈS, 1894, pl. XI(V), fig. 8, 8b)
1997 *Hamulinites munieri* - KAKABADZE & HOEDEMAEKER, p. 80, pl. 14, fig. 1, 2a, 2b, text-fig. 12a, 12b
1998 *Hamulinites munieri* - CECCA et al., p. 95, pl. 3, fig. 26
2001 *Hamulinites munieri* - AVRAM & GRĂDINARU, p. 139, pl. 2, fig. 6
2003 *Hamulinites munieri* - BUSNARDO et al., p. 81, pl. XXI, fig. 4, 5, 8, 11
?2006 *Hamulinites munieri* - FÖZY & JANSSEN, p. 50, fig. 3E

***Hamulinites nicklesi* AVRAM, 1999**

- *1999 *Hamulinites nicklesi* - AVRAM, p. 37, pl. 2, fig. 6a, 6b, 7a, 7b, 8, 9

***Hamulinites parvulus* (UHLIG, 1883)**

- *1883 *Crioceras (Leptoceras) parvulum* - UHLIG, p. 273, pl. XXIX, fig. 3a, 3b, 3c, ?10, non pl. XXIX, fig. 4, 5, 6a, 6b (= *Leptoceratoides pumilus*)
1894 *Hamulina Munieri* - NICKLÈS, pl. XI(V), fig. 7, non pl. XI(V), fig. 8, 8b, text-fig. 42
1902 *Hamulina parvula* - SARASIN & SCHÖNDELMAYER, p. 166, pl. XXIII, fig. 4, 5
1910b *Hamulina parvula* - KILIAN, p. 253
1921 *Hamulina parvula* - GIGNOUX, p. 129
1938 *Leptoceras parvulum* - ROMAN, text-fig. 335, 336 legend pl. XXXV (=UHLIG, 1883, pl. XXIX, fig. 3c), non pl. XXXV, fig. 335, 336 (=UHLIG, 1883, pl. XXIX, fig. 4, 5) (= *Leptoceratoides pumilum*)
?1956 *Hamulina cf. parvula* Sarasin & Schöndelmayer - ANDJELKOVIĆ, p. 149, pl. V, fig. 4
non1958 *Leptoceras parvulum* - FÜLOP, pl. VII, fig. 3 (= ?*Leptoceratoides pumilus*)
non1958 *Leptoceras parvulum* - LUPPOV & DRUSHCHITS, p. 105, pl. XLVIII, fig. 6, 7 (=UHLIG, 1883, pl. XXIX, fig. 4, 5) (= *Leptoceratoides pumilus*)

- 1962a *Eoleptoceras (Wrightites) parvulum* - MANOLOV, p. 532, pl. 75, fig. 3 (=UHLIG, 1883, pl. XXIX, fig. 3a, 3b, 3c), fig. 11, 12
- ?1962a *Eoleptoceras (Tzankoviceras) assimilis* - MANOLOV, pl. 74, fig. 3, 4
- 1962a *Eoleptoceras (Tzankoviceras) tzankovi* - MANOLOV, p. 533, pl. 75, fig. 2, 7, 8
- 1962a *Eoleptoceras (Wrightites) parvulum kraptschenensis* - MANOLOV, p. 535, pl. 75, fig. 4, 5, 6, text-fig. 1c
- 1962a *Eoleptoceras (Wrightites) wrighti* - MANOLOV, p. 535, pl. 75, fig. 9, 10, text-fig. 1b
- 1966 *Eoleptoceras parvulum* - THIEULOY, p. 289
- 1967 *Eoleptoceras (Eoleptoceras) parvulum* - DIMITROVA, p. 36, pl. XVII, fig. 7 (=MANOLOV, 1962a, pl. 75, fig. 12), text-fig. 16 (=UHLIG, 1883, pl. XXIX, fig. 3c)
- 1967 *Eoleptoceras (s. lato) wrighti* - DIMITROVA, p. 36, pl. XVI, fig. 8, 8a, 8b (=MANOLOV, 1962a, pl. 75, fig. 4, 6, 5)
- 1967 *Eoleptoceras (Tzankoviceras) tzankovi* - DIMITROVA, p. 37, pl. XVIII, fig. 7, 8, 9 (=MANOLOV, 1962a, pl. 75, fig. 2, 8, 7)
- 1967 *Eoleptoceras (Tzankoviceras) assimilis* - DIMITROVA, p. 37, pl. XVIII, fig. 10 (=MANOLOV, 1962a, pl. 74, fig. 3)
- non1967 *Eoleptoceras (Wrightites) parvulum* - NAGY, p. 68, pl. III, fig. 3 (=Crioceratitinae juv.)
- 1972 *Hamulinites parvulus* - VAŠIČEK, p. 53, pl. VII, fig. 2, text-fig. 15
- non1975 *Eoleptoceras aff. parvulum* - GRÁF, p. 109, pl. I, fig. 4
- 1976a *Hamulinites cf. parvulus* - AVRAM, p. 34, pl. IV, fig. 2
- ?1977 *?Hamulina* sp. - MYCZYŃSKI, p. 162, pl. 7, fig. 8
- 1983 *Hamulinites parvulus* - MENČÍK et al., pl. XLII, fig. 2
- non1985 *Leptoceras parvulum* - HAAS et al., p. 87, pl. 24, fig. 3 (=Leptoceratoides pumilus)
- ?1986 *Hamulinites aff. parvulus* - MYCZYŃSKI & TRIFF, p. 126, pl. II, fig. 1, 9, 15
- 1986 *Hamulinites cf. tzankovi* - MYCZYŃSKI & TRIFF, p. 128, pl. II, fig. 3
- 1989 *Hamulinites parvulus* - VAŠIČEK, p. 119, pl. II, fig. 5
- 1990 *Hamulinites parvulus* - VAŠIČEK, p. 104, pl. I, fig. 4
- 1994 *Hamulinites parvulus* - STÖHR, p. 300, pl. 1, fig. 8, 9
- 1994 *Hamulinites parvulus* - VAŠIČEK & WIEDMANN, p. 221, pl. 3, fig. 5, 6, fig. 7 (=MENČÍK et al., 1983, pl. XLII, fig. 2), fig. 8, 9, 11, 12, text-fig. 5A, non fig. 10 (=Anahamulina sp.)
- 1994 *Hamulinites parvulus* - VAŠIČEK et al., p. 67, pl. 16, fig. 3 (=MENČÍK et al., 1983, pl. XLII, fig. 2), non pl. 20, fig. 9 (=VAŠIČEK & WIEDMANN, 1994, pl. 3, fig. 10)
- ?1994 *?Hamulinites cf. parvulus* - CECCA & LANDRA, p. 412, pl. 2, fig. 6a, 6b
- 1995 *Eoleptoceras parvulum* - AVRAM, p. 122, pl. 15, fig. 10
- 1995 *Eoleptoceras wrighti* - AVRAM, p. 124, pl. 15 fig. 11
- 1995 *Hamulinites parvulus* - VAŠIČEK, p. 176, pl. 5, fig. 3 (=VAŠIČEK, 1989, pl. II, fig. 5), fig. 8 (=VAŠIČEK, 1990, pl. I, fig. 4)
- 1995 *Hamulinites tzankovi* - HOEDEMAEKER, p. 240, pl. 8, fig. 9
- non1995 *Hamulinites parvulus parvulus* - HOEDEMAEKER, p. 240, pl. 8, fig. 10
- 1996 *Hamulinites parvulum* - WRIGHT et al., p. 226, fig. 177: 2c, 2d, 2e (=UHLIG, 1883, pl. XXIX, fig. 3a, 3b, 3c)
- 1998 *Hamulinites parvulus* - VAŠIČEK & KLAJMON, p. 335, pl. 1, fig. 15, 16, 17, 18
- 1999 *Hamulinites aff. parvulus* - PSZCZÓŁKOWSKI & MYCZYŃSKI, p. 69, fig. 12: 5
- 2002 *Hamulinites parvulus* - SKUPIEN & VAŠIČEK, fig. 7: 5 (=MENČÍK et al., 1983, pl. XLII, fig. 2)

Hamulinites varusensis (D'ORBIGNY, 1850)

- *1850 *Hamulina Varusensis* - D'ORBIGNY, p. 102, n° 652
- non1852 *Hamulina Varusensis* - D'ORBIGNY, p. 221, pl. V, fig. 4, 5, 6 (=reconstruction of fragments) (=Hamulina sp.)
- 1861 *Hamulina varusensis* - PICTET & CAMPICHE, p. 105
- 1910b *Hamulina Varusensis* - KILIAN, p. 253
- 1921 *Hamulina Varusensis* - GIGNOUX, p. 129

- 1937 *Hamulina Varusensis* - COTTREAU, p. 72, pl. LXXX, fig. 3, text-fig. on p. 72, pl. LXXX, non fig. 4, 5, 6 (=D'ORBIGNY, 1852) (= *Hamulina* sp.)
- 1938 *Hamulina varusensis* - ROMAN, p. 48
- 1966 *Anahamulina varusensis* - BRESKOVSKI, p. 82, pl. IV, fig. 2
- 1967 *Eoleptoceras (Eoleptoceras) varusensis* - DIMITROVA, p. 36, pl. XVII, fig. 8 (=BRESKOVSKI, 1966, pl. IV, fig. 2))
- 2003 *Hamulinites varusensis* - BUSNARDO et al., p. 81, pl. XXXII, fig. 7a, 7b (=COTTREAU, 1937, pl. LXXX, fig. 3)

***Hamulinites? vocontiorus* PAQUIER, 1900**

- *1900 *Hamulinites Vocontiorum* Paquier - SIMIONESCU, p. 526
- ?1900 *Hamulinites* sp. - PAQUIER, p. VI, pl. VIII, fig. 3

***Vasicekites* VERMEULEN, 1998**
(1998b, p. 101) (nomen nudum)²⁰⁶

TYPE SPECIES: no type species designated.

INCLUDED (SUB)SPECIES:

evolutus FALLOT & TERMIER, 1923, p. 55 (LT requested)

***Vasicekites evolutus* (FALLOT & TERMIER, 1923)**

- *1923 *Holcodiscus evolutus* - FALLOT & TERMIER, p. 55, pl. V, fig. 17a, 17b, 18a, 18b, 18c, 19a, 19b, 20, 21, text-fig. 23, 24, 25
- non1923 *Holcodiscus* gr. *H. evolutus* - FALLOT & TERMIER, pl. V, fig. 22a, 22b, 23a, 23b (= *?Sabaudiella argosensis*)
- 1950 *Holcodiscus evolutus* - BATALLER, p. 359, fig. on p. 359 (=FALLOT & TERMIER, 1923, pl. V, fig. 18b, 18a, 18c, text-fig. 23)
- 1977 *Holcodiscus evolutus* - SÁNCHEZ, p. 52, text-fig. 13 (=FALLOT & TERMIER, 1923, text-fig. 24), non pl. II, fig. 4a, 4b, 4c (= *Holcodiscus* sp.)
- ?1988 "*Holcodiscus evolutus*" - WILKE, p. 20, pl. II, fig. 24a, 24b, 25a, 25b
- non1995 '*Paraspinoceras*' *evolutum* - CECCA et al., p. 199, pl. 1, fig. 13, 14, 15, 16 (= *Sabaudiella argosensis*)
- 1998b *Vasicekites evolutus* - VERMEULEN, p. 101
- 2002 *Vasicekites evolutus* - VERMEULEN et al., p. 78, pl. 3, fig. 2
- 2003 *Paraspinoceras evolutus* - COMPANY, SANDOVAL & TAVERA, p. 691

***Sabaudiella* VAŠÍČEK & HOEDEMAEKER, 2003²⁰⁷**
(2003a, p. 18)

=***Sabaudiella*** BUSNARDO, 2003, p. 79. TYPE SPECIES: *Ancyloceras sabaudianus* PICTET & DE LORIO, 1858, p. 29, pl. VI, fig. 2 (OD).

TYPE SPECIES: *Ancyloceras sabaudianus* PICTET & DE LORIO, 1858, p. 29, pl. VI, fig. 2 (OD).

INCLUDED (SUB)SPECIES:

²⁰⁶ Does not fulfil the requirements of articles 13.3. and 13.1.1. of the ICZN.

²⁰⁷ VAŠÍČEK & HOEDEMAEKER, 2003 was published in May, BUSNARDO et al., 2003 in June.

argosensis -

VÁŠÍČEK & HOEDEMAEKER, 2003a, p. 20, pl. 3, fig. 1, 2, 3 (HT by OD)

sabaudiana -

PICTET & DE LORIO, 1858, p. 29, pl. VI, fig. 2 (LT designated by VÁŠÍČEK & HOEDEMAEKER, 2003a, p. 19)

simplex -

BUSNARDO, 2003, p. 80, pl. XIII, fig. 7 (HT by OD)

***Sabaudiella argosensis* VÁŠÍČEK & HOEDEMAEKER, 2003**

- ?1923 *Holcodiscus* gr. *H. evolutus* - FALLOT & TERMIER, pl. V, fig. 22a, 22b, 23a, 23b
1995 '*Paraspinoceras*' *evolutum* - CECCA et al., p. 199, pl. 1, fig. 13, 14, 15, 16
1995 *Hamulinites sabaudianus* - HOEDEMAEKER, p. 239, pl. 8, fig. 7, 8
*2003a *Sabaudiella argosensis* - VÁŠÍČEK & HOEDEMAEKER, p. 20, pl. 3, fig. 1, 2, 3, 4, fig. 5 (=HOEDEMAEKER, 1995, pl. 8, fig. 7), fig. 6, text-fig. 3, 4

***Sabaudiella sabaudiana* (PICTET & DE LORIO, 1858)**

- *1858 *Ancyloceras sabaudianus* - PICTET & DE LORIO, p. 29, pl. VI, fig. 1, 2, ?4, ?10, non fig. 3, 5, 6, 7, 8, 9 (=Leptoceratoides sp.), non fig. 11, non fig. 12 (=Acrioceras(Paraspinoceras) morloti)
?1860 *Ancyloceras Fourneti* - OOSTER, p. 22, pl. 34, fig. 10, 11
1861 *Ancyloceras Sabaudianus* - PICTET & CAMPICHE, p. 43
1863 *Ancyloceras Sabaudianum* - OOSTER, p. 10, pl. C, fig. 5, 6, 7
1900 *Crioceras Sabaudianum* - SIMIONESCU, p. 519
1902 *Crioceras (Leptoceras) Sabaudianum* - SARASIN & SCHÖNDELMAYER, p. 150, pl. XX, fig. 5 (=OOSTER, 1863, pl. C, fig. 5), fig. 6, pl. XXI, fig. 1
1906 *Ancyloceras subandinus* Pictet & de Lorio - AGUILERA, table 1
1910b *Crioceras (Leptoceras) Sabaudianum* - KILIAN, p. 272
non1929 *Ancyloceras* cf. *Sabaudi* - STEINMANN, p. 90, fig. 100
1935 *Leptoceras sabaudianum* - STAHLCKER, p. 280
1935 *Leptoceras* aff. *sabaudianum* - STAHLCKER, p. 280
1935 *Leptoceras* cf. *sabaudianum* - STAHLCKER, p. 280
non1955 *Leptoceras* (? *Lytocrioceras*) *sabaudianum* sp. var. *non tuberculata* - SARKAR, p. 139, pl. IX, fig. 13 (=Heteroceras baylei), pl. X, fig. 14 (=Heteroceras baylei)
1956 *Leptoceras sabaudianum* - ANDJELKOVIĆ, p. 147
1990 *Eoleptoceras sabaudianum* - FOURCADE et al., p. 38
non1995 *Hamulinites sabaudianus* - HOEDEMAEKER, p. 239, pl. 8, fig. 7, 8 (=Sabaudiella argosensis)
2003a *Sabaudiella sabaudiana* - VÁŠÍČEK & HOEDEMAEKER, p. 19
2003 *Sabaudiella sabaudiana* - BUSNARDO et al., p. 79, pl. XIII, fig. 2, 3, 5, 6, 9, pl. XIV, fig. 2, 5, 6, pl. XXXI, fig. 7 (=PICTET & DE LORIO, 1858, pl. VI, fig. 2)

***Sabaudiella simplex* BUSNARDO, 2003**

- *2003 *Sabaudiella simplex* - BUSNARDO et al., p. 80, pl. XIII, fig. 1, 4, 7, 8, pl. XIV, fig. 7

***Orbignyceras* ROYO & GOMEZ, 1945 (1945b, p. 462)**

=*Veleziceras* WRIGHT in ARKELL et al., 1957, p. 210 (nomen novum for *Orbignyceras*, but unnecessary since that is not a homonym for *Orbignyceras* GÉRARD & CONTAUT, 1936, p. 34)

TYPE SPECIES: *Orbignyceras veleziensis* ROYO & GOMEZ, 1945b, p. 462, pl. LXXI, fig. 1e (OD).

INCLUDED (SUB)SPECIES:

hennigi -

STAHLER, 1935, p. 287, pl. XIV, fig. 18 (LT designated by VAŠÍČEK & WIEDMANN, 1994, p. 226)
veleziense - ROYO Y GOMEZ, 1945b, p. 462, pl. LXXI, fig. 1e (LT designated by VAŠÍČEK & WIEDMANN, 1994, p. 225)

***Orbignyceras hennigi* (STAHLER, 1935)**

- *1935 *Bochianites hennigi* - STAHLER, p. 287, pl. XIV, fig. 18, 19, 20
- ?1935 *Bochianites* aff. *hennigi* - STAHLER p. 288, pl. XIV, fig. 21
- 1994 *Veveziceras hennigi* - VAŠÍČEK & WIEDMANN, p. 225

***Orbignyceras veleziense* ROYO Y GOMEZ, 1945**

- ?1938 *Hamulina* sp. ? - RIEDEL, pl. 5, fig. 23, 24
- *1945b *Orbignyceras veleziensis* - ROYO Y GOMEZ, p. 462, pl. LXXI, fig. 1d, 1e, text-fig. 2
- 1957 *Veveziceras veleziense* - WRIGHT in ARKELL et al., p. L210
- 1994 *Veveziceras veleziense* - VAŠÍČEK & WIEDMANN, p. 225

***Veveysiceras* VAŠÍČEK & WIEDMANN, 1994
(1994, p. 206)**

TYPE SPECIES: *Ancyloceras Escheri* OOSTER, 1860, p. 29, pl. 37, fig. 1 (OD)

INCLUDED (SUB)SPECIES:

escheri -

OOSTER, 1860, p. 29, pl. 37, fig. 1 (LT designated by VAŠÍČEK & WIEDMANN, 1994, p. 208)

***Veveysiceras escheri* (OOSTER, 1860)**

- *1860 *Ancyloceras Escheri* - OOSTER, p. 29, pl. 37, fig. 1, 7, 8, 9, ?6, non fig. 2 (=Hamulinites fragilis), non fig. 3, 4 (=Leptoceratoides pumilus), non fig. 5 (=Crioceratites? sp.)
- 1902 *Crioceras (Leptoceras) Escheri* - SARASIN & SCHÖNDELMAYER, p. 148, pl. XIX, fig. 6 (=OOSTER, 1860, pl. 37, fig. 1), non fig. 4 (=OOSTER, 1860, pl. 37, fig. 2) (=Hamulinites fragilis), non fig. 5 (=OOSTER, 1860, pl. 37, fig. 5) (=Crioceratites? sp.)
- 1989 *Eoleptoceras escheri* - AUTRAN, pl. 13, fig. 8
- 1993 *Eoleptoceras escheri* - AUTRAN, pl. 13, fig. 8 (=AUTRAN, 1989, pl. 13, fig. 8)
- 1994 *Veveysiceras escheri* - VAŠÍČEK & WIEDMANN, p. 206, pl. 1, fig. 1 (=OOSTER, 1860, pl. 37, fig. 1), fig. 2, 3, text-fig. 1A

***Josticeras* VAŠÍČEK & KLAJMON, 1998
(1998, p. 336)**

TYPE SPECIES: *Josticeras wiedmanni* VAŠÍČEK & KLAJMON, 1998, p. 337, pl. 2, fig. 9, 10, 11, text-fig. 4 (OD).

INCLUDED (SUB)SPECIES:

multicostatum -

STAHLER, 1935, p. 282, pl. XIII, fig. 10 (LT designated by VAŠÍČEK & WIEDMANN, 1994, p. 228)

wiedmanni -

VAŠÍČEK & KLAJMON, 1998, p. 337, pl. 2, fig. 9, 10 (HT by OD)

***Josticeras multicostatum* (STAHLER, 1935)**

- *1935 *Heteroceras multicostatum* - STAHLER, p. 282, pl. XIII, fig. 10, 11
?1935 *Heteroceras aff. multicostatum* - STAHLER, pl. XIII, fig. 12, 13, 14, 15
1994 *Eoheteroceras? multicostatum* - VAŠÍČEK & WIEDMANN, p. 227

***Josticeras wiedmanni* VAŠÍČEK & KLAJMON, 1998**

- *1998 *Josticeras wiedmanni* - VAŠÍČEK & KLAJMON, p. 337, pl. 2, fig. 9, 10, 11, text-fig. 4
1999 *Josticeras wiedmanni* - VAŠÍČEK, pl. 3 fig. 7, text-fig. 1: 4 (=VAŠÍČEK & KLAJMON, 1998, pl. 2, fig. 10, text-fig. 4)

***Eoheteroceras* VAŠÍČEK & WIEDMANN, 1994
(1994, p. 226)**

TYPE SPECIES: *Eoheteroceras silesiacum* VAŠÍČEK & WIEDMANN, 1994, p. 226, pl. 4, fig. 4 (OD).
INCLUDED (SUB)SPECIES:

- norteyi* - MYCZYŃSKI & TRIFF, 1986, p. 127, pl. I, fig. 8 (HT by OD)
silesiacum - VAŠÍČEK & WIEDMANN, 1994, p. 226, pl. 4, fig. 4 (HT by OD)
uhligi - VAŠÍČEK, 1981, p. 123, pl. I, fig. 2 (HT by OD)

***Eoheteroceras norteyi* (MYCZYŃSKI & TRIFF, 1986)**

- *1986 *Hamulinites norteyi* - MYCZYŃSKI & TRIFF, p. 127, pl. I, fig. 8, pl. III, fig. 6
1986 *Hamulinites cf. norteyi* - MYCZYŃSKI & TRIFF, p. 128, pl. II, fig. 12, pl. III, fig. 3, 4
1994 *Eoheteroceras norteyi* - VAŠÍČEK & WIEDMANN, p. 227
1994 *Eoheteroceras cf. norteyi* - CECCA & LANDRA, p. 411, pl. 1, fig. 6, 7, 8

***Eoheteroceras silesiacum* VAŠÍČEK & WIEDMANN, 1994**

- 1883 *Crioceras (Leptoceras)* n. f. ind. - UHLIG, p. 274, pl. XXIX, fig. 2
*1994 *Eoheteroceras silesiacum* - VAŠÍČEK & WIEDMANN, p. 226 pl. 4, fig. 4 (=UHLIG, 1883, pl. XXIX, fig. 2), fig. 5
1994 *Eoheteroceras cf. silesiacum* - CECCA & LANDRA, p. 412, pl. 2, fig. 5
1998 *Eoheteroceras cf. silesiacum* - VAŠÍČEK & KLAJMON, p. 336, pl. 2, fig. 7, 8, text-fig. 3
1999 *Eoheteroceras cf. silesiacum* - VAŠÍČEK, p. 220, pl. 3, fig. 6, text-fig. 1: 5 (=VAŠÍČEK & KLAJMON, 1998, pl. 2, fig. 7, text-fig. 3)

***Eoheteroceras uhligi* (VAŠÍČEK, 1981)**

- 1883 *Heteroceras* n. f. ind. - UHLIG, p. 274, pl. XXXII, fig. 10
*1981 *Heteroceras uhligi* - VAŠÍČEK, p. 123, pl. I, fig. 2 (=UHLIG, 1883, pl. XXXII, fig. 10), pl. II, fig. 2
1981 *Heteroceras cf. uhligi* - VAŠÍČEK, pl. I, fig. 3
1990 *Eoheteroceras uhligi* - VAŠÍČEK, p. 97, pl. I, fig. 7
1994 *Eoheteroceras uhligi* - VAŠÍČEK & WIEDMANN, p. 227, pl. 4, fig. 6, ?7
1998 *Eoheteroceras uhligi* - VAŠÍČEK & KLAJMON, p. 335, pl. 2, fig. 1, 2, 3, 4, 5, 6
1999 *Eoheteroceras uhligi* - VAŠÍČEK, p. 220, pl. 3, fig. 1 (=VAŠÍČEK & KLAJMON, 1998, pl. II, fig. 1), fig. 2, fig. 3 (=VAŠÍČEK & KLAJMON, 1998, pl. II, fig. 6)

2002 *Eoheteroceras uhligi* - SKUPIEN & VAŠÍČEK, fig. 7: 3 (=VAŠÍČEK & KLAJMON, 1998, pl. II, fig. 1)

***Manoloviceras* VAŠÍČEK & WIEDMANN, 1994**
(1994, p. 228)

TYPE SPECIES: *Hemibaculites saharievae* MANOLOV, 1962a, p. 536, pl. 73, fig. 4, 5 (OD).
INCLUDED (SUB)SPECIES:

saharievae - MANOLOV, 1962a, p. 536, pl. 73, fig. 4, 5 (HT by OD)
uhligi - VAŠÍČEK, 1972, p. 56, pl. VI, fig. 1 (HT by OD)

***Manoloviceras saharievae* (MANOLOV, 1962)**

- 1883 *Hamites (Anisoceras) aff. obliquatum* - UHLIG, p. 220
*1962a *Hemibaculites saharievae* - MANOLOV, p. 536, pl. 73, fig. 4, 5, ?6
1972 *Veleziceras uhligi* - VAŠÍČEK, p. 56, pl. VI, fig. 1, 2, text-fig. 17, 18, 19
1990 *Eoheteroceras saharievae* - VAŠÍČEK, p. 98, pl. I, fig. 5, pl. II, fig. 3, ?5
1994 *Manoloviceras saharievae* - VAŠÍČEK & WIEDMANN, p. 228, pl. IV, fig. 8 (=VAŠÍČEK, 1990, pl. II, fig. 3), text-fig. 6 (=VAŠÍČEK, 1972, text-fig. 19)
1994 *Manoloviceras aff. saharievae* - CECCA & LANDRA, p. 413, pl. 1, fig. 11, 12, 13a, 13b
1995 *Hemibaculites cf. saharievae* - AVRAM, p. 124, pl. 15, fig. 9
1996 *Orbignyceras uhligi* - WRIGHT et al., p. 226, fig. 177: 1a, 1b (=VAŠÍČEK, 1972, text-fig. 17, 19)

?*Veveysiella* BUSNARDO, 2003²⁰⁸
(2003, p. 78)

TYPE SPECIES: *Veveysiella vibiscumi* BUSNARDO, 2003, p. 78, pl. VI, fig. 6 (OD).
INCLUDED (SUB)SPECIES:

vibiscumi - BUSNARDO, 2003, p. 78, pl. VI, fig. 6 (HT by OD)

***Veveysiella vibiscumi* BUSNARDO, 2003**

- *2003 *Veveysiella vibiscumi* - BUSNARDO et al., p. 78, pl. V, fig. 5, 6, 8, pl. VI, fig. 3, 4, 5, 6

²⁰⁸ BUSNARDO in his publication with CHAROLLAIS, WEIDMANN AND CLAVEL, 2003 on the Veveyse de Châtel called attention to the important role of little heteromorph ammonites in the evolution of ammonites in the Early Cretaceous.

Family LEPTOCERATOIDIDAE genus incertum

INCLUDED (SUB)SPECIES:

« <i>Toxoceras</i> » <i>annulatum</i> -	SARKAR, 1955, p. 162 (LT requested) ²⁰⁹
<i>Toxoceras ensis</i> -	COQUAND, 1880, p. 374
<i>Toxoceras henoni</i> -	COQUAND, 1880, p. 373
<i>Toxoceras ouachense</i> -	COQUAND, 1880, p. 375
<i>Leptoceras sexformale</i> -	RENNGARTEN, 1951, p. 57 (nomen nudum)
<i>Leptoceras?</i> <i>spinosum</i> -	STAHLERCKER, 1935, p. 281, pl. XIII, fig. 8 (HT by MT)

« *Toxoceras* » *annulatum* SARKAR, 1955

1955 «*Toxoceras*» *annulatum* d'Orbigny (*in coll.*) - SARKAR, p. 162, pl. X, fig. 11a, 11b, 11c

Toxoceras ensis COQUAND, 1880²¹⁰

- *1880 *Toxoceras ensis* - COQUAND, p. 374
- 1890 *Toxoceras Ensis* - SAYN, p. 73
- 1912 *Leptoceras ensis* - JOLEAUD, p. 139, pl. I bis, fig. 50

Toxoceras henoni COQUAND, 1880²¹¹

- *1880 *Toxoceras Henoni* - COQUAND, p. 373
- 1886 *Toxoceras Henoni* - HEINZ, pl. IV
- 1890 *Toxoceras Henoni* - SAYN, p. 73

Toxoceras ouachense COQUAND, 1880²¹²

- *1880 *Toxoceras Ouachense* - COQUAND, p. 375
- 1890 *Toxoceras Ouachense* - SAYN, p. 73
- 1938 *Leptoceras cf. ouachensis* - DELEAU, p. 135

Leptoceras sexformale RENNGARTEN, 1951

- *1951 *Leptoceras sexformale* - RENNGARTEN *in coll.*, p. 57

Leptoceras? *spinosum* STAHLERCKER, 1935

- *1935 *Leptoceras (?) spinosum* - STAHLERCKER, p. 281, pl. XIII, fig. 8²¹³

²⁰⁹ In the view of COMPANY (herein) « *Toxoceras* » *annulatum* could be related to the Hamulinidae, but it cannot be demonstrated by the known suture line.

²¹⁰ Not found by Sayn, 1890: p. 73.

²¹¹ Not found by Sayn, 1890: p. 73.

²¹² Not found by Sayn, 1890: p. 73.

²¹³ A *Dissimilites* sp. ?

Family LABECERATIDAE SPATH, 1925
 (=ALETECERATIDAE WHITEHOUSE, 1926)
 (=MYLOCERATIDAE SPATH, 1939)

Labeceras SPATH, 1925
 (1925, p. 191)

=***Paraleptoceras*** LEANZA, 1970, p. 209. TYPE SPECIES: *Paraleptoceras singulare* LEANZA, 1970, p. 209, fig. VIII, fig. 4 (OD).

TYPE SPECIES: *Labeceras bryani* WHITEHOUSE, 1926, p. 227, pl. XXXIX, fig. 4a, 4b (ICZN opinion 556).

INCLUDED (SUB)SPECIES:

<i>bryani</i> -	WHITEHOUSE, 1926, p. 227, pl. XXXIX, fig. 4a, 4b (HT by OD)
<i>bryani acuticostatum</i> -	FÖRSTER, 1975, p. 176, pl. 5, fig. 4 (HT by OD)
<i>compressum</i> -	WHITEHOUSE, 1926, p. 228, pl. XXXVI, fig. 5, pl. XXXIX, fig. 5a, 5b (HT by OD)
<i>crassetuberculatum</i> -	KLINGER, 1976, p. 39, pl. 10, fig. 3a, 3b, text-fig. 5k (HT by OD)
<i>crassetuberculatum magnum</i> -	AGUIRRE-URRETA & RICCARDI, 1988, p. 607, fig. 7.1, 7.2 (HT by OD)
<i>crassicostatum</i> -	COLLIGNON, 1950, p. 79, pl. XIII(IV), fig. 5, 5a (LT designated herein) ²¹⁴
<i>etheridgei</i> -	WHITEHOUSE, 1926, p. 230, pl. XXXVIII, fig. 2a, 2b (HT by OD)
<i>gracile</i> -	COLLIGNON, 1963, p. 56, pl. CCLXII, fig. 1140 (HT by OD)
<i>hourcqi</i> -	COLLIGNON, 1950, p. 78, pl. XIV(V), fig. 1, 1a (HT by OD)
<i>inflatum</i> -	FÖRSTER, 1975, p. 178, pl. 6, fig. 6a, 6b, text-fig. 42, 43 (HT by OD)
<i>laqueum</i> -	ETHERIDGE, 1892, p. 496, pl. 42, fig. 14, 15 (LT designated by WHITEHOUSE, 1926, p. 227)
<i>oodnadattaense</i> -	REYMENT, 1964a, p. 24, pl. 1, fig. 5 (HT by OD)
<i>ovale</i> -	KLINGER, 1976, p. 43, pl. 12, fig. 7 (HT by OD)
<i>papulatum</i> -	WHITEHOUSE, 1926, p. 228, pl. XXXVI, fig. 4, pl. XXXIX, fig. 3a, 3b (HT by OD)
<i>plasticum</i> -	SPATH, 1925, p. 191, pl. XXXI, fig. 4a, 4b (HT by OD)
<i>plasticum crassum</i> -	SPATH, 1925, p. 192 (LT requested) ²¹⁵
<i>rectum</i> -	KLINGER, 1976, p. 45, pl. 12, fig. 9 (HT by OD)
<i>singulare</i> -	LEANZA, 1970, p. 209, fig. VIII, fig. 4 (HT by OD) (neotype designated by AGUIRRE-URRETA & RICCARDI, 1988, p. 606, fig. 5.3)
<i>spathi</i> -	COLLIGNON, 1936, p. 197 (LT requested)

²¹⁴ The most complete specimen depicted by COLLIGNON, 1950. The other syntypes are fragments.

²¹⁵ MEDINA & RINALDI, 1986, p. 9 state that the holotype is SPATH, 1925, pl. XXXI, fig. 3 by original designation. KLINGER, 1976, p. 39 and AGUIRRE-URRETA & RICCARDI, 1988, p. 607 include SPATH, 1925, pl. XXXIV, fig. 7 in *Labeceras crassetuberculatum*. KLINGER, 1989, p. 206 gives in fig. 12D a sketch he states as the holotype of *Labeceras plasticum crassum*. It is indistinct which of the syntypes of SPATH he depicted. In the text of SPATH we could not find a designation of a holotype.

<i>tabulatum</i> -	MEDINA & RINALDI, 1986, p. 11, fig. II, fig. 7, 9, pl. V, fig. 6a, 6b (HT by OD)
<i>trifidum</i> -	WHITEHOUSE, 1926, p. 228 (HT by OD ETHERIDGE, 1909, pl. XLIX, fig. 9)
<i>vegaense</i> -	MEDINA & RINALDI, 1986, p. 10, pl. V, fig. 5a, 5b (HT by OD)

***Labeceras bryani* WHITEHOUSE, 1926**

1909	<i>Crioceras taylori</i> - ETHERIDGE, p. 162, pl. XLIX, fig. 3, 5, 6
*1926	<i>Labeceras bryani</i> - WHITEHOUSE, p. 227, pl. XXXIX, fig. 4a, 4b
?1966	<i>Labeceras</i> spp. - LUDBROOK, p. 189
1976	<i>Labeceras (Labeceras) bryani</i> - KLINGER, p. 40, pl. 12, fig. 1a, 1b
1988	<i>Labeceras bryani</i> - AGUIRRE-URRETA & RICCARDI, p. 606

***Labeceras bryani acuticostatum* FÖRSTER 1975**

1936	<i>Hamites virgulatus</i> - VENZO, p. 111, pl. X(VI), fig. 5
*1975	<i>Labeceras bryani acuticostatum</i> - FÖRSTER, p. 176, pl. 5, fig. 3, 4, 5a, 5b, text-fig. 41

***Labeceras compressum* WHITEHOUSE, 1926**

*1926	<i>Labeceras compressum</i> - WHITEHOUSE, p. 228, pl. XXXVI, fig. 5, pl. XXXIX, fig. 5a, 5b
1964a	<i>Labeceras (Labeceras) compressum</i> - REYMENT, p. 24, pl. 1, fig. 3, 4
1966	<i>Labeceras (Labeceras) compressum</i> - LUDBROOK, p. 189
1968	<i>Labeceras</i> cf. <i>compressum</i> - HILL, PLAYFORD & WOODS, p. k.16, pl. K VII, fig. 5
1972	<i>Labeceras corupressum</i> - KENNEDY, text-fig. 7 (=WHITEHOUSE, 1926, pl. XXXVI, fig. 5)
?1976	<i>Labeceras (Labeceras)</i> cf. <i>L. (L.) compressum</i> - KLINGER, p. 43, pl. 12, fig. 2, text-fig. 8b, 9a
1988	<i>Labeceras compressum</i> - AGUIRRE-URRETA & RICCARDI, p. 606
1989	<i>Labeceras compressum</i> - KLINGER, fig. 12I (=WHITEHOUSE, 1926, pl. XXXIX, fig. 5a)
2002	<i>Labeceras (Labeceras) compressum</i> - HENDERSON & MCKENZIE, fig. 9: 9 pars

***Labeceras crassetuberculatum* KLINGER, 1976**

?1909	<i>Crioceras laqueus</i> - ETHERIDGE, pl. XLIX, fig. 8
?1925	<i>Labeceras plasticum</i> var. <i>crassa</i> - SPATH, pl. XXXIV, fig. 7
*1976	<i>Labeceras (Labeceras) crassetuberculatum</i> - KLINGER, p. 39, pl. 10, fig. 3a, 3b, 4a, 4b, 5, pl. 11, fig. 1a, 1b, 5a, 5b, text-fig. 5k, 5n, 7g, 7h
1976	<i>Labeceras (L.)</i> sp. aff. <i>L. (L.) crassetuberculatum</i> - KLINGER, p. 40, pl. 11, fig. 2, 3, 4
1988	<i>Labeceras crassetuberculatum</i> - AGUIRRE-URRETA & RICCARDI, p. 607
non1988	<i>Labeceras crassetuberculatum</i> - RICCARDI, pl. 13, fig. 11, 12 (= <i>Labeceras crassetuberculatum magnum</i>)
1989	<i>Labeceras crassetuberculatum</i> - KLINGER, p. 190, fig. 2A, 2B, 2C, fig. 2D, 2E, 2F (=KLINGER, 1976, pl. 10, fig. 3a, 3b), fig. 2G, 2H, 2I, 2J, fig. 8 (pars), fig. 14, 15

***Labeceras crassetuberculatum magnum* AGUIRRE-URRETA & RICCARDI, 1988**

1970	<i>Hamitoides</i> (?) sp. indet. - LEANZA, p. 215, fig. XIII: 1, 2
?1986	<i>Labeceras plasticum</i> - MEDINA & RINALDI, p. 7, pl. V, fig. 1
?1986	<i>Labeceras plasticum crassum</i> - MEDINA & RINALDI, p. 8, pl. II, fig. 8, 13, pl. V, fig. 3a, 3b
1986	<i>Labeceras</i> sp. 1 - MEDINA & RINALDI, p. 11, pl. V, fig. 10
1986	<i>Labeceras</i> sp. 2 - MEDINA & RINALDI, p. 12, pl. V, fig. 2a, 2b

- *1988 *Labeceras crassetuberculatum magnum* - AGUIRRE-URRETA & RICCARDI, p. 607, fig. 6.2, 7.1, 7.2, 7.3, 7.4, 7.5, fig. 7.6, 7.7, 7.8 (=LEANZA, 1970, p. 215, fig. XIII: 1, 2), fig. 7.9, 7.10
- 1988 *Labeceras crassetuberculatum* - RICCARDI, pl. 13, fig. 11, 12 (=AGUIRRE-URRETA & RICCARDI, 1988, fig. 7.1, 7.2)

***Labeceras crassicostratum* COLLIGNON, 1950**

- *1950 *Labeceras crassicostratum* - COLLIGNON, p. 79, pl. XIII(IV), fig. 5, 5a
- ?1975 *Labeceras* cf. *crassicostratum* - FÖRSTER, p. 179, pl. 5, fig. 6a, 6b, text-fig. 44
- non1976 *Labeceras (Labeceras)* sp. nov. aff. *L. (L.) crassicostratum* - KLINGER, p. 41, pl. 12, fig. 3, 4, 6, text-fig. 7i, 7j, 8a (= ?gen. et sp. indet. (*Hamites* sp. ?))²¹⁶
- 1988 *Labeceras crassicostratum* - AGUIRRE-URRETA & RICCARDI, p. 606
- 1989 *Labeceras crassicostratum* - KLINGER, fig. 12J (=COLLIGNON, 1950, pl. XIII(IV), fig. 5)

***Labeceras etheridgei* (WHITEHOUSE, 1926)**

- *1926 *Appurdiceras (?) etheridgei* - WHITEHOUSE, p. 230, pl. XXXVIII, fig. 2a, 2b
- 1988 *Labeceras etheridgei* - AGUIRRE-URRETA & RICCARDI, p. 606
- 1989 *Labeceras etheridgei* - KLINGER, fig. 12E (=WHITEHOUSE, 1926, pl. XXXVIII, fig. 2a)

***Labeceras gracile* COLLIGNON, 1963**

- *1963 *Labeceras gracile* - COLLIGNON, p. 56, pl. CCLXII, fig. 1140
- 1989 *Labeceras gracilis* - KLINGER, fig. 12B (=COLLIGNON, 1963, pl. CCLXII, fig. 1140)

***Labeceras hourcqi* COLLIGNON, 1950**

- *1950 *Labeceras Hourcqi* - COLLIGNON, p. 78, pl. XIII(IV), fig. 4, 4a, pl. XIV(V), fig. 1, 1a
- ?1963 *Labeceras plasticum* - COLLIGNON, p. 47, pl. CCLVIII, fig. 1125
- 1963 *Labeceras hourcqi* - COLLIGNON, p. 50, pl. CCLIX, fig. 1128
- 1988 *Labeceras hourcqi* - AGUIRRE-URRETA & RICCARDI, p. 606
- ?1989 *Labeceras plasticum* - KLINGER, fig. 12F (=COLLIGNON, 1963, pl. CCLVIII, fig. 1125)
- 1989 *Labeceras hourcqi* - KLINGER, fig. 12H (=COLLIGNON, 1950, pl. XIV(V), fig. 1)

***Labeceras inflatum* FÖRSTER, 1975**

- *1975 *Labeceras inflatum* - FÖRSTER, p. 178, pl. 6, fig. 6a, 6b, text-fig. 42, 43
- 1976 *Labeceras (Labeceras) ovale* - KLINGER, p. 43, pl. 12, fig. 7, 10a, 10b, text-fig. 8c, 9b
- 1988 *Labeceras inflatum* - AGUIRRE-URRETA & RICCARDI, p. 606
- 1989 *Labeceras inflatum* - KLINGER, p. 191, text-fig. 7B

***Labeceras laqueum* (ETHERIDGE, 1892)**

- *1892 *Hamites ? laqueus* - ETHERIDGE, p. 496, pl. 42, fig. 14, 15
- non1909 *Crioceras laqueus* - ETHERIDGE, p. 160, pl. XLIX, fig. 7, 9 (= *Labeceras trifidum*), pl. XLIX, fig. 8 (= ? *Labeceras crassetuberculatum*)
- 1909 *Crioceras taylori* - ETHERIDGE, pl. XLIX, fig. 4
- 1926 *Labeceras laqueus* - WHITEHOUSE, p. 227
- 1936 *Labeceras laqueum* - VENZO, p. 113(55), pl. IX(V), fig. 7a, 7b
- 1964a *Labeceras (Labeceras) laqueum* - REYMENT, p. 22, pl. 1, fig. 1
- 1988 *Labeceras laqueum* - AGUIRRE-URRETA & RICCARDI, p. 605

²¹⁶ See KLINGER, 1989 p. 192.

***Labeceras oodnadattaense* REYMENT, 1964**

- *1964a *Labeceras oodnadattaensis* - REYMENT, p. 24, pl. 1, fig. 5, text-fig. 2
1988 *Labeceras oodnadattaensis* - AGUIRRE-URRETA & RICCARDI, p. 606

***Labeceras papulatum* WHITEHOUSE, 1926**

- *1926 *Labeceras papulatum* - WHITEHOUSE, p. 228, pl. XXXVI, fig. 4, pl. XXXIX, fig. 3a, 3b
?1966 *Labeceras (Labeceras) papulatum* - LUDBROOK, p. 189, pl. 28, fig. 2
1972 *Labeceras papulatum* - KENNEDY, text-fig. 1: 3 (=WHITEHOUSE, 1926, pl. XXXVI, fig. 4)
1988 *Labeceras papulatum* - AGUIRRE-URRETA & RICCARDI, p. 606
1989 *Labeceras papulatum* - KLINGER, fig. 12G (=WHITEHOUSE, 1926, pl. XXXIX, fig. 3a)

***Labeceras plasticum* SPATH, 1925**

- *1925 *Labeceras plasticum* - SPATH, p. 191, pl. XXXI, fig. 4a, 4b, 4c, 5, 8, 9
1930 *Labeceras plasticum* - BESAIRIE, p. 616, 622, pl. LXV, fig. 10
1936 *Labeceras plasticum* - VENZO, p. 114(56), pl. IX(V), fig. 8a, 8b
1938 *Labeceras plasticum* - ROMAN, pl. V, fig. 50 (=SPATH, 1925, pl. XXXI, fig. 4a), non text-fig. on legend plate V (=SPATH, 1925, pl. XXXI, fig. 7) (= *Labeceras* sp.)
?1942 *Labeceras plasticum* - TAVANI, p. 116(30), pl. XII(III), fig. 8 (?= *Hamitoides* sp.)
1951 *Labeceras* cf. *plasticum* - COLLIGNON, p. 36, pl. VII, fig. 6
1957 *Labeceras (Labeceras) plasticum* - ARKELL et al., p. L232, fig. 257: 1a, 1b, 1c (=SPATH, 1925, pl. XXXI, fig. 4a, 4b, 8)
non1963 *Labeceras plasticum* - COLLIGNON, p. 47, pl. CCLVIII, fig. 1125 (?= *Labeceras hourcqui*)
1972 *Labeceras* sp. - KENNEDY, text-fig. 6 (=SPATH, 1925, pl. XXXI, fig. 8)
1972 *Labeceras (Labeceras) plasticum* - KENNEDY, pl. 75, fig. 8a, 8b, text-fig. 1: 9²¹⁷ (=SPATH, 1925, pl. XXXI, fig. 9)
1975 *Labeceras plasticum* - FÖRSTER, p. 173, pl. 5, fig. 1a, 1b, text-fig. 39, 40
1976 *Labeceras (Labeceras) plasticum plasticum* - KLINGER, p. 45, pl. 13, fig. 1, 2, 3, 4a, 4b, 5a, 5b, 6a, 6b, 12
?1986 *Labeceras plasticum* - MEDINA & RINALDI, p. 7, pl. V, fig. 1 (?= *Labeceras crassetuberculatum magnum*)
1988 *Labeceras plasticum* - AGUIRRE-URRETA & RICCARDI, p. 606
1989 *Labeceras plasticum* - KLINGER, p. 191, fig. 3A, fig. 8 (pars), fig. 12A (=SPATH, 1925, pl. XXXI, fig. 4a, 4b), fig. 13B, 13C, non fig. 12F (=COLLIGNON, 1963, pl. CCLVIII, fig. 1125)
1996 *Labeceras plasticum* - WRIGHT et al., p. 233, fig. 182: 1e, 1f, 1g (=SPATH, 1925, pl. XXXI, fig. 4a, 4b, 8)

***Labeceras plasticum crassum* SPATH, 1925**

- 1892 *Crioceras* sp. - ETHERIDGE, p. 502, pl. 33, fig. 4
*1925 *Labeceras plasticum* var. *crassa* - SPATH, p. 192, pl. XXXI, fig. 3, pl. XXXIV, fig. 5, 6, non? fig. 7 (?= *Labeceras crassetuberculatum*)
non1964a *Labeceras (Labeceras) crassum* - REYMENT, p. 23, pl. 1, fig. 2, text-fig. 1 (?= *Labeceras trifidum*)
non1964b *Labeceras crassum* - REYMENT, p. 37, pl. 1, fig. 5, pl. 2, fig. 2a, 2b, text-fig. 1
1966 *Labeceras (Labeceras) crassum* - LUDBROOK, p. 189
1975 *Labeceras plasticum crassum* - FÖRSTER, p. 175, pl. 5, fig. 2a, 2b
1976 *Labeceras (Labeceras) plasticum crassa* - KLINGER, pl. 13, fig. 7a, 7b, 8a, 8b, 9a, 9b, 10a, 10b, 11a, 11b

²¹⁷ Not text-fig. 1: 8.

- ?1986 *Labeceras plasticum crassum* - MEDINA & RINALDI, p. 8, pl. II, fig. 8, 13, pl. V, fig. 3a, 3b
(=?*Labeceras crassetuberculatum magnum*)
1989 *Labeceras plasticum crassa* - KLINGER, fig. 12D (=?SPATH, 1925, pl. XXXIV, fig. 6)

***Labeceras rectum* KLINGER, 1976**

- *1976 *Labeceras (Labeceras) rectum* - KLINGER, p. 45, pl. 12, fig. 5, 8, 9, 11, 12, 13, 14, text-fig. 8d, 9c
1988 *Labeceras rectum* - AGUIRRE-URRETA & RICCARDI, p. 606
1989 *Labeceras rectum* - KLINGER, p. 191, fig. 3B, fig. 8 (pars)

***Labeceras singulare* (LEANZA, 1970)**

- *1970 *Paraleptoceras singulare* - LEANZA, p. 209, fig. VIII, fig. 1, 2, 3, 4, non 5 (= *Helicancylus bonarellii*)
1981 *Labeceras* ? sp. - NULLO, PROSERPIO & BLASCO DE NULLO, pl. II, fig. 10
1986 *Labeceras?* *singulare* - MEDINA & RINALDI, p. 10, pl. V, fig. 4
1986 *Labeceras tabulatum* - MEDINA & RINALDI, p. 11, fig. II, fig. 7, 9, pl. V, fig. 6a, 6b
1986 *Labeceras singulare* - AGUIRRE-URRETA, p. 292
1988 *Labeceras singulare* - AGUIRRE-URRETA & RICCARDI, p. 606, fig. 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 5.10, 5.11, 5.12, 5.13, 5.14, 5.15, 5.16, 5.17, 5.18, 5.19, 5.20, 5.21, fig. 6.1
1988 *Labeceras singulare* - RICCARDI, pl. 13, fig. 10 (=AGUIRRE-URRETA & RICCARDI, 1988, fig. 5.3)

***Labeceras spathi* COLLIGNON, 1936²¹⁸**

- *1936 *Labeceras spathi* - COLLIGNON in BESAIRIE, p. 197, pl. XXI, fig. 12

***Labeceras trifidum* WHITEHOUSE, 1926**

- 1884 *Ancyloceras* or *Hamites* - ETHERIDGE, p. 89, pl. 2, bottom left
1892 *Crioceras* sp. ind. - ETHERIDGE, p. 502, pl. 33, fig. 4 (=ETHERIDGE, 1884, pl. 2, bottom left)
1909 *Crioceras laqueus* - ETHERIDGE, pl. XLIX, fig. 7, 9
*1926 *Labeceras trifidum* - WHITEHOUSE, p. 228
1958 *Labeceras trifidum* - GLAESSNER, p. 218, pl. XXVI, fig. 4a, 4b, 4c
?1964a *Labeceras (Labeceras) crassum* - REYMENT, p. 23, pl. 1, fig. 2, text-fig. 1
1988 *Labeceras trifidum* - AGUIRRE-URRETA & RICCARDI, p. 606
2002 *Labeceras (Labeceras) trifidum* - HENDERSON & MCKENZIE, p. 908, fig. 1: 11, 12

***Labeceras vegaense* MEDINA & RINALDI, 1986**

- *1986 *Labeceras vegaensis* - MEDINA & RINALDI, p. 10, pl. V, fig. 5a, 5b, 7

***Myloceras* SPATH, 1925
(1925, p. 192)**

TYPE SPECIES: *Crioceras ammonoides* ETHERIDGE, 1909, p. 151, pl. XLIX, fig. 1, 2 (OD).
INCLUDED (SUB)SPECIES:

amalthaea - SPATH, 1925, p. 194, pl. XXXIV, fig. 2 (HT by OD)

²¹⁸ Could be specimens of *Myloceras serotinum*. See FÖRSTER, 1975, p. 183.

<i>ammonoides</i> -	ETHERIDGE, 1909, p. 151, pl. XLIX, fig. 1, 2 (LT designated by WHITEHOUSE, 1926, p. 234)
<i>auritulum</i> -	MCNAMARA, 1978, p. 237, fig. 4D, 5A, 5B, 5C, 7, 8, 9A (HT by OD)
<i>axonoides</i> -	ETHERIDGE, 1909, p. 150, pl. XXXII, fig. 4, pl. XLIV, fig. 1 (HT by MT)
<i>besairiei</i> -	COLLIGNON, 1932, p. 25, pl. III, fig. 15 (LT designated by KLINGER, 1976, p. 53)
<i>bituberculatum</i> -	KLINGER, 1989, p. 211, fig. 17H (HT by OD)
<i>cornucopium</i> -	SPATH, 1925, p. 193, pl. XXXIV, fig. 1 (HT by OD)
<i>davidi</i> -	WHITEHOUSE, 1926, p. 235, pl. XXXVII, fig. 2a, 2b, 2c (HT by OD)
<i>edkinsi</i> -	ETHERIDGE, 1892, p. 502 (LT requested)
<i>joffreyi</i> -	BOULÉ, LEMOINE & THÉVENIN, 1907, p. 52, pl. XIII, fig. 5, 5a (HT by MT)
<i>mokaharensis</i> -	COLLIGNON, 1963, p. 47, pl. CCLVIII, fig. 1124 (HT by OD)
<i>orbiculum</i> -	WHITEHOUSE, 1926, p. 235, pl. XLI, fig. 1a, 1b (HT by OD)
<i>robustum</i> -	KLINGER, 1976, p. 53, pl. 20, fig. 4a, 4b (HT by OD)
<i>rotundum</i> -	KLINGER, 1976, p. 47, pl. 14, fig. 1a, 1b, 1c, text-fig. 9e (HT by OD)
<i>serotinum</i> -	SPATH, 1925, p. 192, pl. XXXI, fig. 2 (HT by OD)
<i>serotinum annulatum</i> -	COLLIGNON, 1963, p. 56, pl. CCLXII, fig. 1138 (nomen nudum) ²¹⁹
<i>serotinum attenuatum</i> -	COLLIGNON, 1951, p. 35 (LT requested)
<i>serotinum ellipticum</i> -	COLLIGNON, 1951, p. 35 (LT requested)
<i>serotinum planum</i> -	SPATH, 1925, p. 192, pl. XXXI, fig. 1, 10 (HT by MT)
<i>serotinum rugosum</i> -	SPATH, 1925, p. 193, pl. XXXII, fig. 2 (LT designated by KLINGER, 1976, p. 52)

Myloceras ammonoides (ETHERIDGE, 1909)

- *1909 *Crioceras ammonoides* - ETHERIDGE, p. 151, pl. XLIX, fig. 1, 2
- 1925 *Myloceras ammonoides* - SPATH, p. 193
- 1926 *Myloceras ammonoides* - WHITEHOUSE, p. 234, pl. XLI, fig. 2a, 2b
- 1926 *Myloceras orbiculus* - WHITEHOUSE, p. 235, pl. XLI, fig. 1a, 1b
- 1926 *Myloceras davidi* - WHITEHOUSE, p. 235, pl. XXXVII, fig. 2a, 2b, 2c
- 1938 *Myloceras ammonoides* - ROMAN, p. 52
- 1958 *Myloceras davidi* - GLAESSNER, p. 217, pl. XXVI, fig. 2, 3
- 1964a *Myloceras ammonoides* - REYMENT, p. 30, text-fig. 8
- 1964a *Myloceras davidi* - REYMENT, p. 30, pl. 3, fig. 4, pl. 4, fig. 1, 2, 3, 4, pl. 5, fig. 3, 4
- 1964b *Myloceras davidi* - REYMENT, p. 38, pl. 1, fig. 3a, 3b, pl. 2, fig. 1a, 1b, text-fig. 2
- 1964b *Myloceras ammonoides* - REYMENT, p. 39, pl. 1, fig. 1a, 1b, 2a, 2b, 4, pl. 2, fig. 3, 4, 5, text-fig. 3
- 1966 *Myloceras davidi* - LUDBROOK, p. 190
- 1978 *Myloceras ammonoides* - MCNAMARA, p. 232, fig. 1, fig. 2 (=ETHERIDGE, 1909, pl. XLIX, fig. 1, 2), fig. 3, 4A, 4B, fig. 4C (=ETHERIDGE, 1909, pl. XLIX, fig. 1, 2), fig. 9C
- 1988 *Myloceras ammonoides* - AGUIRRE-URRETA & RICCARDI, p. 610
- 1988 “*Myloceras orbiculus*” - AGUIRRE-URRETA & RICCARDI, p. 610
- 1988 “*Myloceras davidi*” - AGUIRRE-URRETA & RICCARDI, p. 610
- 1996 *Labeceras ammonoides* - WRIGHT, p. 233, fig. 182: 1a, 1b (=MCNAMARA, 1978, fig. 3, 1, 2), fig. 182: 1c (=MCNAMARA, 1978, fig. 3, 1, 2)

²¹⁹ Lapsus calami for *Myloceras attenuatum*.

***Myloceras auritulum* McNAMARA, 1978**

- *1978 *Myloceras auritulum* - McNAMARA, p. 237, fig. 4D, 5A, 5B, 5C, 6A, 6B, 7, 8, 9A, 9B
1988 *Myloceras auritulum* - AGUIRRE-URRETA & RICCARDI, p. 610
1989 *Myloceras auritulum* - KLINGER, fig. 11H (=McNAMARA, 1978, fig. 4D & 7)

***Myloceras axonoides* (ETHERIDGE, 1909)**

- *1909 *Crioceras axonoides* - ETHERIDGE, p. 150, pl. XXXII, fig. 4, pl. XLIV, fig. 1
1926 *Aleteceras* (?) *axonoides* - WHITEHOUSE, p. 233
1964a *Myloceras axonoides* - REYMENT, p. 28, pl. 3, fig. 1
non1966 *Myloceras axonoides* - LUDBROOK, pl. 28, fig. 1 (=Protanisoceras auriculum)
1976 *Myloceras* cf. *M. axonoides* - KLINGER, p. 48, pl. 15, fig. 1a, 1b
1988 *Myloceras axonoides* - AGUIRRE-URRETA & RICCARDI, p. 610
1989 *Myloceras axonoides* - KLINGER, fig. 11C (=ETHERIDGE, 1909, pl. XLIV, fig. 1)

***Myloceras besairiei* COLLIGNON, 1932**

- *1932 *Myloceras Besairiei* - COLLIGNON, p. 25, pl. III, fig. 11, 12, 12a, 13, 14, 14a, 15, 16, 17, 18, 19, 20, text-fig. 32, 33
1963 *Myloceras besairiei* - COLLIGNON, p. 54, pl. CCLXI, fig. 1134, 1135
1976 *Myloceras besairiei* forma typica - KLINGER, p. 53, pl. 20, fig. 2a, 2b, 5a, 5b, pl. 21, fig. 1a, 1b, 2a, 2b, text-fig. 10a
1976 *Myloceras besairiei* var. A - KLINGER, p. 55, pl. 21, fig. 3a, 3b, 4a, 4b, pl. 22, fig. 4
1976 *Myloceras besairiei* var. B - KLINGER, p. 55, pl. 21, fig. 5a, 5b, 6a, 6b
1976 *Myloceras besairiei* var. C - KLINGER, p. 55, pl. 22, fig. 1a, 1b, 2a, 2b
1976 *Myloceras besairiei* var. C transitional to var. A - KLINGER, p. 55, pl. 22, 3a, 3b
1988 *Myloceras besairiei* - AGUIRRE-URRETA & RICCARDI, p. 610
1989 *Myloceras* gr. ex *besairiei* - KLINGER, fig. 8 (pars)

***Myloceras bituberculatum* KLINGER, 1989**

- *1989 *Myloceras bituberculatum* - KLINGER, p. 211, fig. 17A, 17B, 17C, 17D, 17E, 17F, 17G, 17H, 17I, 17J, 18A, 18B

***Myloceras cornucopium* SPATH, 1925**

- *1925 *Myloceras cornucopia* - SPATH, p. 193, pl. XXXII, fig. 1a, 1b, 4, pl. XXXIV, fig. 1
1925 *Myloceras* aff. *cornucopia* - SPATH, pl. XXXI, fig. 6
?1925 *Myloceras amaltheia* - SPATH, p. 194, pl. XXXIV, fig. 2
1938 *Myloceras* aff. *cornucopiae* - ROMAN, , text-fig. 49 legend pl. V (=SPATH, 1925, pl. XXXI, fig. 6)
?1963 *Myloceras cornucopia* - COLLIGNON, p. 56, pl. CCLXII, fig. 1139, non pl. CCLX, fig. 1130 (=Myloceras serotinum)
1972 *Idiohamites ellipticoides* - KENNEDY, text-fig. 1: 4 (=SPATH, 1925, pl. XXXI, fig. 6)
non1972 *Myloceras* aff. *cornucopia* - KENNEDY, text-fig. 1: 5 (=SPATH, 1925, pl. XXXI, fig. 7) (=Labeceras sp.)
1975 *Myloceras cornucopium* - FÖRSTER, p. 183, pl. 6, fig. 2, 3, 4a, 4b, text-fig. 47, 48
1975 *Myloceras* cf. *cornucopium* - FÖRSTER, p. 185, pl. 6, fig. 5a, 5b
1976 *Myloceras cornucopia* - KLINGER, p. 50, pl. 15, fig. 5, 6, 7, pl. 16, fig. 1a, 1b, 1c, text-fig. 9h, 9i
?1976 *Myloceras serotinum amaltheia* - KLINGER, p. 51, pl. 16, fig. 5a, 5b, pl. 17, fig. 2
1988 *Myloceras cornucopium* - AGUIRRE-URRETA & RICCARDI, p. 610
?1988 *Myloceras amaltheium* - AGUIRRE-URRETA & RICCARDI, p. 610
1989 *Myloceras cornucopia* - KLINGER, fig. 11E (=SPATH, 1925, pl. XXXII, fig. 1a)

1989 *Myloceras amaltheia* - KLINGER, fig. 11F (=SPATH, 1925, pl. XXXIV, fig. 2)

***Myloceras edkinsi* (ETHERIDGE, 1892)**

- *1892 *Crioceras Edkinsi* - ETHERIDGE, p. 502, pl. 30, fig. 8, 9
1903 *Crioceras Edkinsi* - ETHERIDGE, p. 81
1909 *Leptoceras (?) edkinsi* - ETHERIDGE, p. 165
1926 *Myloceras edkinsi* - WHITEHOUSE, p. 234

***Myloceras joffrei* (BOULÉ, LEMOINE & THÉVENIN, 1907)**

- *1907 *Crioceras Joffrei* - BOULÉ, LEMOINE & THÉVENIN, p. 52, pl. XIII, fig. 5, 5a
1925 *Crioceras Joffrei* - DIENER, p. 192
1932 *Myloceras Joffrey* - COLLIGNON, p. 25, pl. III, fig. 21, 21a, 21b, 22, 22a, 23, 23a, 24, 25
1963 *Myloceras joffrey* - COLLIGNON, p. 52, pl. CCLX, fig. 1131, 1132
1975 *Myloceras joffrey* - FÖRSTER, p. 185, pl. 5, fig. 9, text-fig. 49, 50
1988 *Myloceras joffrei* - AGUIRRE-URRETA & RICCARDI, p. 610

***Myloceras mokarahense* COLLIGNON, 1963**

- *1963 *Myloceras mokarahense* - COLLIGNON, p. 47, pl. CCLVIII, fig. 1124
1988 *Myloceras mokarahense* - AGUIRRE-URRETA & RICCARDI, p. 610
1989 *Myloceras mokarahense* - KLINGER, fig. 11G (=COLLIGNON, 1963, pl. CCLVIII, fig. 1124)

***Myloceras robustum* KLINGER, 1976**

- *1976 *Myloceras robustum* - KLINGER, p. 53, pl. 20, fig. 4a, 4b
1976 *Myloceras robustum* transitional to *Myloceras seratinum ellepticum* - KLINGER, p. 53, pl. 20, fig. 3
1988 *Myloceras robustum* - AGUIRRE-URRETA & RICCARDI, p. 610

***Myloceras rotundum* KLINGER, 1976**

- *1976 *Myloceras rotundum* - KLINGER, p. 47, pl. 14, fig. 1a, 1b, 1c, 2a, 2b, 3a, 3b, 4, 5a, 5b, 6a, 6b, text-fig. 9d, 9e, 9f
non1986 *Myloceras* cf. *rotundum* - MEDINA & RINALDI, p. 14, pl. V, fig. 9 (=Myloceras (*Calliscaphites*) *andinum*)
1988 *Myloceras rotundum* - AGUIRRE-URRETA & RICCARDI, p. 610
1989 *Myloceras rotundum* - KLINGER, fig. 3C, 3D, 3E, 4A, 4B, 4C, 4D, 4E, 4F, 4G, 4H, 4I, fig. 8 (pars) (=KLINGER, 1976, pl. 14, fig. 1a)

***Myloceras seratinum* SPATH, 1925**

- *1925 *Myloceras seratinum* - SPATH, p. 192, pl. XXXI, fig. 2, pl. XXXIII, fig. 1, pl. XXXV, fig. 1a, 1b
1930 *Myloceras seratinum* - BESAIRIE, p. 622, pl. LXV, fig. 8
1932 *Myloceras seratinum* - BESAIRIE, p. 47, pl. V, fig. 4
non1938 *Myloceras seratinum* - ROMAN, pl. V, fig. 49 (=SPATH, 1925, pl. XXXIII, fig. 2) (=Myloceras *seratinum rugosum*)
1951 *Myloceras seratinum* - COLLIGNON, p. 35, pl. VII, fig. 1, 2, 2a., 3, 3a
1957 *Myloceras seratinum* - ARKELL et al., p. L232, fig. 257: 2 (=SPATH, 1925, pl. XXXIII, fig. 1)
?1963 *Myloceras cornucopia* - COLLIGNON, pl. CCLX, fig. 1130
1975 *Myloceras seratinum* - FÖRSTER, p. 181, pl. 6, fig. 1a, 1b, text-fig. 45, 46

- 1976 *Myloceras serotinum serotinum* - KLINGER, p. 50, pl. 16, fig. 2, 3, 4a, 4b, 4c, pl. 17, fig. 1a, 1b, pl. 18, fig. 1a, 1b, 2a, 2b, 4a, 4b, text-fig. 9j
- 1976 *Myloceras serotinum serotinum* transitional to *serotinum amaltheia* - KLINGER, pl. 18, fig. 3, pl. 19, fig. 3
- non1986 *Myloceras* sp. cf. *M. serotinum* - MEDINA & RINALDI, p. 15, pl. IV, fig. 10 (= *Myloceras (Calliscaphites) andinum*)
- 1988 *Myloceras serotinum* - AGUIRRE-URRETA & RICCARDI, p. 610
- 1989 *Myloceras serotinum* - KLINGER, p. 198, fig. 5A, 6A, 6B, 7A, 11A, 11D, 11J, 13
- 1989 *Myloceras* gr. ex *serotinum* - KLINGER, fig. 8 (pars)
- 1996 *Labeceras serotinum* - WRIGHT et al., p. 233, fig. 182d (=SPATH, 1925, pl. XXXIII, fig. 1)

***Myloceras serotinum attenuatum* COLLIGNON, 1951**

- *1951 *Myloceras serotinum* var. *attenuata* - COLLIGNON, p. 35, pl. VII, fig. 4, 4a
- 1963 *Myloceras serotinum* var. *annulata* - COLLIGNON, p. 56, pl. CCLXII, fig. 1138
- 1976 *Myloceras serotinum* var. *attenuata* - KLINGER, p. 53

***Myloceras serotinum ellipticum* COLLIGNON, 1951**

- *1951 *Myloceras serotinum* var. *elliptica* - COLLIGNON, p. 35, pl. VII, fig. 5, 5a
- 1963 *Myloceras serotinum* var. *elliptica* - COLLIGNON, p. 56, pl. CCLXII, fig. 1137
- 1976 *Myloceras serotinum elliptica* (?) - KLINGER, p. 52, pl. 19, fig. 1a, 1b, 2, pl. 20, fig. 1
- 1989 *Myloceras serotinum elliptica* - KLINGER, fig. 12C (=COLLIGNON, 1963, pl. CCLXII, fig. 1137)

***Myloceras serotinum planum* SPATH, 1925**

- *1925 *Myloceras serotinum* var. *plana* - SPATH, p. 192, pl. XXXI, fig. 1, 10
- 1936 *Myloceras serotinum* var. *plana* - VENZO, p. 114(56), pl. X(VI), fig. 9a, 9b
- 1972 *Myloceras serotinum plana* - KENNEDY, p. 403²²⁰
- 1976 *Myloceras serotinum plana* - KLINGER, p. 53

***Myloceras serotinum rugosum* SPATH, 1925**

- *1925 *Myloceras serotinum* var. *rugosa* - SPATH, p. 193, pl. XXXII, fig. 2, pl. XXXIII, fig. 2, ?pl. XXXI, fig. 11a, 11b
- 1936 *Myloceras serotinum* var. *rugosa* - VENZO, p. 114(56), pl. X(VI), fig. 4a, 4b
- 1938 *Myloceras seratinum* - ROMAN, pl. V, fig. 49 (=SPATH, 1925, pl. XXXIII, fig. 2)
- 1972 *Myloceras serotinum rugosa* - KENNEDY, text-fig. 1: 8²²¹ (=SPATH, 1925, pl. XXXI, fig. 11b)
- 1976 *Myloceras serotinum rugosa* - KLINGER, p. 52, pl. 19, fig. 4
- 1989 *Myloceras serotinum rugosa* - KLINGER, fig. 11I (=SPATH, 1925, pl. XXXIII, fig. 2)

***Myloceras (Calliscaphites)* LEANZA, 1970 (1970, p. 202)**

=? *Abadieceras* COLLIGNON, 1950, p. 81. TYPE SPECIES: *Abadieceras altissimum* COLLIGNON, 1950, p. 81, pl. XIV(V), fig. 8.

TYPE SPECIES: *Calliscaphites andinus* LEANZA, 1970, p. 202, fig. II: 1, 3, 7 (OD).

²²⁰ There is no text-fig. 1: 10.

²²¹ Not text-fig. 1: 9.

INCLUDED (SUB)SPECIES:

?*altissimum* -
andinum -

COLLIGNON, 1950, p. 81, pl. XIV(V), fig. 8 (HT by MT)
LEANZA, 1970, p. 202, fig. II: 1, 3, 7 (HT by OD)

***Myloceras (Calliscaphites)? altissimum* (COLLIGNON, 1950)**

*1950 *Abadieceras altissimum* - COLLIGNON, p. 81, pl. 14 (5), fig. 8, text-fig. 9

***Myloceras (Calliscaphites) andinum* (LEANZA, 1970)**

- *1970 *Calliscaphites andinus* - LEANZA, p. 202, fig. II: 1, 2, 3, 4, 5, 6, 7
1981 *Calliscaphites andinus* - NULLO, PROSERPIO & BLASCO DE NULLO, pl. II, fig. 11
?1986 *Myloceras nautiloides* - MEDINA & RINALDI, p. 12, pl. II, fig. 16, 17, pl. V, fig. 8a, 8b
1986 *Myloceras andinus* - MEDINA & RINALDI, p. 13, pl. II, fig. 6, 11, pl. IV, fig. 11, 12, 13a, 13b
1986 *Myloceras* cf. *rotundum* - MEDINA & RINALDI, p. 14, pl. V, fig. 9
1986 *Myloceras* sp. cf. *M. serotinum* - MEDINA & RINALDI, p. 15, pl. IV, fig. 10
1988 *Myloceras (Calliscaphites) andinus* - AGUIRRE-URRETA & RICCARDI, p. 611, fig. 7.11, 7.12, 7.13, 7.14, 7.15, 7.16, 7.17, 7.18, 7.19, 7.20, 7.21, 7.22, 7.23, 7.24, 7.25, 7.26, 7.27, 7.28, 7.29, 7.30, 7.31, 7.32, 7.33, 7.34, 7.35, 7.36, 7.37, 7.38, fig. 8.1, 8.2 (=LEANZA, 1970, fig. II: 1, 3, 7), fig. 8.3, 8.4, 8.5, 8.6, fig. 8.7, 8.8 (=LEANZA, 1970, fig. II: 2, 4, 6), fig. 8.9, 8.10, 9, 10
1988 *Myloceras andinum* - RICCARDI, pl. 13, fig. 13, 14 (=LEANZA, 1970, fig. II: 1, 3, 7), fig. 15, 16 (=AGUIRRE-URRETA & RICCARDI, 1988, fig. 7.11, 7.12)

***Myloceras (Ellipsoceras)* COLLIGNON, 1950
(1950, p. 79)**

TYPE SPECIES: *Ellipsoceras expansum* COLLIGNON, 1950, p. 80, pl. XIV(V), fig. 2, 2a (OD).

INCLUDED (SUB)SPECIES:

expansum -

COLLIGNON, 1950, p. 80, pl. XIV(V), fig. 2, 2a (HT by OD)

***Myloceras (Ellipsoceras) expansum* (COLLIGNON, 1950)**

- *1950 *Ellipsoceras expansum* - COLLIGNON, p. 80, pl. XIV(V), fig. 2, 2a, 3, 3a, 4, 4a, 5, 5a, 6, 6a, 7
1957 *Ellipsoceras expansum* - ARKELL et al., p. L232, fig. 257: 3 (=COLLIGNON, 1950, pl. XIV(V), fig. 2)
1963 *Ellipsoceras expansum* - COLLIGNON, p. 56, pl. CCLXII, fig. 1136
1976 *Ellipsoceras expansum* - KLINGER, p. 56, pl. 22, fig. 5a, 5b, text-fig. 8e, 10b
1989 '*Ellipsoceras*' *expansum* - KLINGER, fig. 11B (=COLLIGNON, 1950, pl. XIV(V), fig. 2)

***Myloceras (Flindersites)* WHITEHOUSE, 1926
(1926, p. 236)**

TYPE SPECIES: *Flindersites baccatus* WHITEHOUSE, 1926, p. 236 (ETHERIDGE, 1909, pl. XXXVI, fig. 2, pl. XLII, fig. 2, pl. XLIV, fig. 2).

INCLUDED (SUB)SPECIES:

<i>baccatum</i> -	WHITEHOUSE, 1926, p. 236 (HT by OD ETHERIDGE, 1909, pl. XXXVI, fig. 2, pl. XLII, fig. 2, pl. XLIV, fig. 2)
<i>flindersi</i> -	MCCOY, 1867, p. 356 (HT by MT) (=ETHERIDGE, 1909, pl. XXXIX, fig. 1)
<i>intermedium</i> -	WHITEHOUSE, 1926, p. 237 (HT by OD ETHERIDGE, 1909, pl. XL, fig. 1, 2)

***Myloceras (Flindersites) baccatum* (WHITEHOUSE, 1926)**

1909	<i>Crioceras flindersi</i> - ETHERIDGE, pl. XXXVI, fig. 2, pl. XL, fig. 3, 4, pl. XLI, fig. 3, pl. XLII, fig. 2, pl. XLIV, fig. 2
*1926	<i>Flindersites baccatus</i> - WHITEHOUSE, p. 236
1926	<i>Flindersites</i> aff. <i>baccatus</i> - WHITEHOUSE, p. 237 (=ETHERIDGE, 1909, pl. XL, fig. 3, 4)
1964a	<i>Myloceras baccatum</i> - REYMENT, p. 27, pl. 2, fig. 4
1988	" <i>Flindersites baccatus</i> " - AGUIRRE-URRETA & RICCARDI, p. 610

***Myloceras (Flindersites) flindersi* (MCCOY, 1867)**

*1867	<i>Ancyloceras Flindersi</i> - MCCOY, p. 356
1884	<i>Ancyloceras Flindersi?</i> - ETHERIDGE, p. 89, pl. 2, upper figure
1892	<i>Ancyloceras Flindersi</i> - ETHERIDGE, p. 497, pl. 33, fig. 3 (=ETHERIDGE, 1884, pl. 2, upper figure), pl. 34, fig. 5, 6, 7, 8
1903	<i>Ancyloceras Flindersi</i> - ETHERIDGE, p. 44, pl. VIII, fig. 1, 2, 3
1905	<i>Crioceras Flindersi</i> - ETHERIDGE, p. 14, pl. I, fig. 1, pl. III, fig. 1, 2, 3, 4, 5, 6, 7, 8
1909	<i>Ancyloceras Flindersi</i> - ETHERIDGE, p. 153, pl. XXXIX, fig. 1 (=MCCOY, 1867, p. 356), fig. 2, 3, pl. XLI, fig. 1, 2, pl. XLIII
non1909	<i>Crioceras flindersi</i> - ETHERIDGE, pl. XXXVI, fig. 2, pl. XL, fig. 3, 4, pl. XLI, fig. 3, pl. XLII, fig. 2, pl. XLIV, fig. 2 (=Myloceras(Flindersites) baccatum)
non1909	<i>Crioceras flindersi</i> - ETHERIDGE, pl. XL, fig. 1, 2 (=Myloceras(Flindersites) intermedium)
non1909	<i>Crioceras flindersi</i> - ETHERIDGE, pl. XL, fig. 5, 6, pl. LI, fig. 1 (=Myloceras(Flindersites) intermedium)
1925	" <i>Crioceras</i> " <i>flindersi</i> - SPATH, p. 193
1926	<i>Flindersites flindersi</i> - WHITEHOUSE, p. 237 (=ETHERIDGE, 1909, pl. XXXIX, fig. 1)
1926	<i>Flindersites</i> aff. <i>flindersi</i> - WHITEHOUSE, p. 237 (=ETHERIDGE, 1909, pl. XXXIX, fig. 2, 3)
1958	<i>Myloceras</i> cf. <i>flindersi</i> - GLAESSNER, p. 217
1964a	<i>Myloceras flindersi</i> - REYMENT, p. 28, pl. 3, fig. 2, 3, text-fig. 5
1964a	<i>Myloceras</i> aff. <i>flindersi</i> - REYMENT, p. 28, text-fig. 6
1988	<i>Myloceras flindersi</i> - AGUIRRE-URRETA & RICCARDI, p. 610

***Myloceras (Flindersites) intermedium* (WHITEHOUSE, 1926)**

1909	<i>Crioceras flindersi</i> - ETHERIDGE, pl. XL, fig. 1, 2
?1909	<i>Crioceras flindersi</i> - ETHERIDGE, pl. XL, fig. 5, 6, pl. LI, fig. 1
*1926	<i>Flindersites intermedius</i> - WHITEHOUSE, p. 237
1964a	<i>Myloceras intermedium</i> - REYMENT, p. 27, pl. 1, fig. 8
1968	<i>Myloceras intermedium</i> - HILL, PLAYFORD & WOODS, p. k.18, pl. K VIII, fig. 3 (=ETHERIDGE, 1909, pl. XL, fig. 1)
1988	" <i>Flindersites intermedius</i> " - AGUIRRE-URRETA & RICCARDI, p. 610

***Aleteceras* WHITEHOUSE, 1926²²²**
(1926, p. 231)

TYPE SPECIES: *Crioceras plectoides* ETHERIDGE, 1909, p. 152, pl. XLVII, fig. 1, 2, 3. (OD).
INCLUDED (SUB)SPECIES:

<i>nautiloides</i> -	ETHERIDGE, 1909, p. 148, pl. XLV, fig. 1, 2, text-fig. 8 (HT by MT)
<i>pectoides</i> -	ETHERIDGE, 1909, p. 152, pl. XLVII, fig. 1, 2, 3 (LT designated herein) ²²³
<i>tardicostatum</i> -	WHITEHOUSE, 1926, p. 232, pl. XL, fig. 1a, 1b, 1c (HT by OD)

***Aleteceras nautiloides* (ETHERIDGE, 1909)**

- *1909 *Crioceras nautiloides* - ETHERIDGE, p. 148, pl. XLV, fig. 1, 2, text-fig. 8
- 1926 *Aleteceras nautiloides* - WHITEHOUSE, p. 233
- 1964a *Myloceras nautiloides* - REYMENT, p. 26, pl. 2, fig. 1, 2, text-fig. 3
- 1976 *Myloceras* cf. *M. nautiloides* - KLINGER, p. 49, pl. 15, fig. 3a, 3b
- non1986 *Myloceras nautiloides*- MEDINA & RINALDI, p. 12, pl. II, fig. 16, 17, pl. V, fig. 8a, 8b
(=?*Myloceras (Calliscaphites) andinum*)
- 1988 *Myloceras nautiloides* - AGUIRRE-URRETA & RICCARDI, p. 610

***Aleteceras plectoides* (ETHERIDGE, 1909)**

- *1909 *Crioceras plectoides* - ETHERIDGE, p. 152, pl. XXXIII, fig. 2, pl. XLVI, fig. 1, pl. XLVII, fig. 1, 2, 3, 4
- 1926 *Aleteceras plectoides* - WHITEHOUSE, p. 232, pl. XL, fig. 2a, 2b, 2c
- 1926 *Aleteceras tardicostatum* - WHITEHOUSE, p. 232, pl. XL, fig. 1a, 1b, 1c
- 1964a *Myloceras plectoides* - REYMENT, p. 26, pl. 2, fig. 3, pl. 5, fig. 1, 2
- 1968 *Myloceras plectoides* - HILL, PLAYFORD & WOODS, p. k.16, pl. K VII, fig. 6
(=WHITEHOUSE, 1926, pl. XL, fig. 2a)
- 1976 *Myloceras* sp. aff. *M. plectoides* - KLINGER, p. 48, pl. 15, fig. 2a, 2b
- 1988 *Myloceras plectoides* - AGUIRRE-URRETA & RICCARDI, p. 610
- 1988 "*Myloceras tardicostatum*" - AGUIRRE-URRETA & RICCARDI, p. 610

***Idanoceras* HENDERSON & MCKENZIE, 2002**
(2002, p. 906)

TYPE SPECIES: *Idanoceras klingeri* HENDERSON & MCKENZIE, 2002, p. 908, fig. 1: 1, 1: 2, 1: 3, 2: 1 (OD).

INCLUDED (SUB)SPECIES:

<i>klingeri</i> -	HENDERSON & MCKENZIE, 2002, p. 908, fig. 1: 1, 1: 2, 1: 3, 2: 1 (HT by OD)
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***Idanoceras klingeri* HENDERSON & MCKENZIE, 2002**

- *2002 *Idanoceras klingeri* - HENDERSON & MCKENZIE, p. 908, fig. 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10, 2.11, 2.12

²²² Considered as a possible synonym of *Myloceras* by various authors.

²²³ According to ETHERIDGE, 1909 'a neat and well preserved partially testiferous specimen illustrating the principal characters of the species'.

***Euhemihoplites* COLLIGNON, 1964**
(1964, p. 38)

TYPE SPECIES: *Euhemihoplites paradoxus* COLLIGNON, 1964, p. 38, pl. CCCXXVI, fig. 1457
INCLUDED (SUB)SPECIES:

paradoxus - COLLIGNON, 1964, p. 38, pl. CCCXXVI, fig. 1457 (HT by OD)

***Euhemihoplites paradoxus* COLLIGNON, 1964**

- *1964 *Euhemihoplites paradoxus* - COLLIGNON, p. 38, pl. CCCXXVI(XI), fig. 1457
1985 *Euhemihoplites paradoxus* - KENNEDY, p. 307, fig. 1a, 1b, 1c, 2 (=COLLIGNON, 1964, pl. CCCXXVI(XI), fig. 1457)²²⁴

?*Hamitoides* SPATH, 1925^{225 226}
(1925, p. 191)

TYPE SPECIES: *Hamites studerianus* PICTET, 1847, p. 393, pl. XV, fig. 1a, 1b, 1c (OD).
INCLUDED (SUB)SPECIES:

compressus - SPATH, 1925, p. 191 (HT by OD PICTET, 1847, pl. XV, fig. 4a, 4b)
flexicostatus - SPATH, 1925, p. 191 (HT by OD PICTET, 1847, pl. XV, fig. 3a, 3b)
? *madagascariensis* - BREISTROFFER, 1936b, p. 174, text-fig. 10i (LT designated by COLLIGNON, 1963, p. 45)
? *neptuni* - D'ORBIGNY, 1850, p. 126, n° 81
? *rusticus* - SPATH, 1939, p. 602, pl. LXVI, fig. 2 (HT by OD) (=SPATH, 1941, pl. LXVI, fig. 3)²²⁷
? *rusticus spathi* -
studerianus - PICTET, 1847, p. 393, pl. XV, fig. 1a, 1b, 1c (LT designated by SPATH, 1925, p. 191)

***Hamitoides compressus* SPATH, 1925**

- 1847 *Hamites Studerianus* - PICTET, pl. XV, fig. 4a, 4b
*1925 *Hamitoides compressus* - SPATH, p. 191
1939 *Hamitoides compressus* - SPATH, p. 603

***Hamitoides flexicostatus* SPATH, 1925**

- 1847 *Hamites Studerianus* - PICTET, pl. XV, fig. 3a, 3b
*1925 *Hamitoides flexicostatus* - SPATH, p. 191
1939 *Hamitoides flexicostatus* - SPATH, p. 603

***Hamitoides? madagascariensis* BREISTROFFER, 1936**

- *1936b *Hamitoides (?) madagascariensis* - BREISTROFFER, p. 174, pl. XX, fig. 6, 7, 8, 9, text-fig. 10i

²²⁴ In the view of KENNEDY, 1985 *Euhemihoplites paradoxus* is a synonym of *Myloceras serotinum*.

²²⁵ MARCINOWSKI & WIEDMANN, 1990 include this genus in the family Hamitidae.

²²⁶ WRIGHT et al., 1996 reported this genus from Pakistan. We could not find a reference to this occurrence.

²²⁷ In our notes we could not retrace the author of this subspecies.

- 1939 *Hamitoides* (?) *madagascariensis* - SPATH, p. 603
 1963 *Hamitoides madagascariensis* - COLLIGNON, p. 45, pl. CCLVIII, fig. 1114
 (=BREISTROFFER, 1936b, text-fig. 10i), fig. 1115 (=BREISTROFFER, 1936b, pl. XX, fig. 8)

***Hamitoides? neptuni* (D'ORBIGNY, 1850)**

- *1850 *Hamites Neptuni* - D'ORBIGNY, p. 126, n° 81
 1947b *Hamitoides* (?) *Neptuni* - BREISTROFFER, p. 95

***Hamitoides? rusticus* SPATH, 1939**

- *1939 *Hamitoides* (?) *rusticus* - SPATH, p. 602
 1941 *Hamitoides* (?) *rusticus* - SPATH, pl. LXVI, fig. 2
 1941 *Hamitoides* (?) sp. ind. - SPATH, pl. LXVI, fig. 3
 1941 *Hamitoides* (?) sp. ind. (or *Hamites*?) - SPATH, pl. LXVI, fig. 4, 5
 1990 *Hamitoides rusticus* - MARCINOWSKI & WIEDMANN, p. 46, pl. 3, fig. 12

***Hamitoides studerianus* (PICTET, 1847)**

- *1847 *Hamites Studerianus* - PICTET, p. 393, pl. XV, fig. 1a, 1b, 1c, ?fig. 2a, 2b, non fig. 3a, 3b
 (= *Hamitoides flexicostatus*), non fig. 4a, 4b (= *Hamitoides compressus*)
 1925 *Hamitoides studerianus* - SPATH, p. 191
 ?1930 *Hamites aff. Studerianus* - PASSENDORFER, p. 664(314)
 non1932 *Hamites Studeri* - COLLIGNON, p. 22, pl. IV, fig. 10, 10a, 10b, 11, 11a, 12, 12a, 13
 1936 *Hamites Studeri* - VENZO, p. 111(53)
 1939 *Hamitoides studerianus* - SPATH, p. 601, text-fig. 217a, 217b, 217c (=PICTET, 1847, pl. XV, fig. 1a, 1b, 1c), ?text-fig. 217d, 217e (=PICTET, 1847, pl. XV, fig. 2a, 2b), ?text-fig. 217f
 1957 *Hamitoides studerianus* - ARKELL et al., p. L232, fig. 257: 4 (=PICTET, 1847, pl. XV, fig. 1a)
 non1963 *Hamitoides aff. studeri* - COLLIGNON, p. 43, pl. CCLVII, fig. 1110, 1111, pl. CCLVIII, fig. 1116
 1968 *Hamitoides studerianus* - WIEDMANN & DIENI, p. 74
 non1970 *Hamitoides* (?) sp. indet. - LEANZA, p. 215, fig. XIII: 1, 2 (= *Labeceras crassetuberculatum magnum*)
 1975 *Hamitoides studeri* - FÖRSTER, p. 179
 1982b *Hamitoides* sp. cf. *studerianus* - BRAGA et al., p. 707, pl. 1, fig. 6
 1989 *Labeceras ?collignoni* - FÖLLMI, p. 129, pl. 5, fig. 15a, 15b, 15c, 15d
 1996 *Hamitoides studerianus* - WRIGHT et al., p. 233, fig. 182: 2 (=PICTET, 1847, pl. XV, fig. 1a)
 1997 *Hamitoides* cf. *studerianus* - DELAMETTE et al., pl. 20, fig. 4
 1997 *Hamitoides studerianus* - DELAMETTE et al., pl. 20, fig. 5

non *Appurdiceras* WHITEHOUSE, 1926²²⁸
 (1926, p. 229)

TYPE SPECIES: *Ancyloceras cordycepoides* ETHERIDGE, 1905, p. 14, pl. II, fig. 4 (OD).

INCLUDED (SUB)SPECIES:

cordycepoides - ETHERIDGE, 1905, p. 14, pl. II, fig. 4 (LT designated by MCNAMARA, 1980, p. 147)

²²⁸ Now considered as a genus in the family Anisoceratidae; see MCNAMARA, 1980 and WRIGHT et al., 1996.

***Appurdiceras cordycepoides* (ETHERIDGE, 1905)**

- *1905 *Ancyloceras cordycepoides* - ETHERIDGE, p. 14, pl. I, fig. 3, 4, 5, pl. II, fig. 4
- 1909 *Crioceras cordycepoides* - ETHERIDGE, p. 159
- 1926 *Appurdiceras cordycepoides* - WHITEHOUSE, p. 230
- 1957 *Labeceras (Appurdiceras) corcycepoides* - ARKELL et al., p. L232
- ?1964a *Labeceras (Appurdiceras) cordycepoides* - REYMENT, p. 25, pl. 1, fig. 6, 7
- 1969 *Appurdiceras cordycepoides* - DAY, p. 156
- 1980 *Appurdiceras corcycepoides* - MCNAMARA, p. 147, fig. 3A (=ETHERIDGE, 1905, pl. II, fig. 4, fig. 3B, 3C (=ETHERIDGE, 1905, pl. I, fig. 3, 4)
- 1988 *Appurdiceras* - AGUIRRE-URRETA & RICCARDI, p. 605
- 1996 *Appurdiceras cordycepoides* - WRIGHT et al., p. 237, fig. 187: 4a, 4b, 4c (=MCNAMARA, 1980, fig. 3A, 3B, 3C)

Superfamily ANCYLOCERATOIDEA familia incerta

Georgioceras WILCKENS, 1947 (1947, p. 21)

TYPE SPECIES: *Georgioceras kohllarseni* WILCKENS, 1947, p. 22, pl. 3, fig. 3 (OD).

INCLUDED (SUB)SPECIES:

kohllarseni - WILCKENS, 1947, p. 22, pl. 3, fig. 3 (HT by OD)

Georgioceras kohllarseni WILCKENS, 1947

- *1947 *Georgioceras kohllarseni* - WILCKENS, p. 22, pl. 2, fig. 3, 4, 5, 6, 7, 8, pl. 3, fig. 1, 2, 3, 4, 5
1957 *Georgioceras kohllarseni* - ARKELL et al., p. L212
1996 *Georgioceras kohllarseni* - WRIGHT et al., p. 214

Superfamily ANCYLOCERATOIDEA genus incertum

INCLUDED (SUB)SPECIES:

- angulosum* - VON KOENEN, 1902, p. 340 (LT requested)
angulosum major - VON KOENEN, 1902, p. 343 (LT requested)
australis - KLINGER & KENNEDY, 1992, p. 98, fig. 17A, 18A, 18B, 18C (HT by OD)
canasense - NEUENSCHWANDER & TAVERA, 1942, p. 1100, photo 1 (HT by MT)
darii - DE ZIGNO, 1845, p. 287, fig. 1A, 1B (HT by MT) (nomen oblitum)
incumbens - VON KOENEN, 1902, p. 346 (LT requested)
incumbens minor - VON KOENEN, 1902, p. 348 (HT by OD) NEUMAYR & UHLIG, 1881, pl. LVI, fig. 3)
jupiter - ANDERSON, 1938, p. 162, pl. 31, fig. 1 (HT by OD)
kampe - VON SCHAFHÄUTL, 1863, p. 421, pl. LXXIX, fig. 2a, 2b (HT by MT)
nodulosum - VON KOENEN, 1902, p. 344 (LT requested)
perditum - GERTH, 1925, p. 114, pl. I, fig. 5 (HT by MT)
pictetiaeforme - KARAKASCH, 1907, p. 138, pl. XXVI, fig. 5 (HT by MT)
pinarensis - MYCZYNSKI, 1977, p. 157, pl. 5, fig. 6 (HT by OD)
plicatum - VON KOENEN, 1902, p. 401, pl. XL, fig. 5a, 5b (HT by MT)
reticostatum - KARAKASCH, 1907, p. 138 (LT requested)
russelli - ANDERSON, 1938, p. 165, pl. 27, fig. 3, 3a (HT by OD)²²⁹
sexangulatum - KARAKASCH, 1907, p. 139, pl. IV, fig. 4a, 4b (HT by MT) (nomen dubium)²³⁰
sexnodosus - ROEMER, 1841, p. 94, pl. XIV, fig. 10a, 10b (LT requested)

²²⁹ The holotype is lost.

²³⁰ Based on a little fragment.

<i>stanislasi</i> -	TORCAPEL, 1884, p. 138, pl. VII (LT designated by BUSNARDO, 1970, p. 135)
<i>uhligii</i> -	WEERTH, 1884, p. 22, pl. VII, fig. 1 (LT designated by DIMITROVA, 1967, p. 73)
<i>undatum</i> -	VON KOENEN, 1902, p. 254 (LT requested)
<i>vallenarense</i> -	NEUENSCHWANDER & TAVERA, 1942, p. 1104, photo 2 (HT by MT)
<i>winkleri</i> -	RODIGHERO, 1919, p. 121, pl. XIII(VI), fig. 3 (HT by MT) (nomen dubium)
<i>yagii</i> -	YABE & SHIMIZU, 1927, p. 72, pl. XV (IV), fig. 16, 17, 18, 19 (HT by MT)

***Ancyloceras angulosum* VON KOENEN, 1902**

- *1902 *Ancyloceras angulosum* VON KOENEN, p. 340, pl. XXVIII, fig. 1a, 1b, 1c, 2

***Ancyloceras angulosum major* VON KOENEN, 1902**

- *1902 *Ancyloceras angulosum major* - VON KOENEN, p. 343, pl. XXVIII, fig. 3a, 3b, 3c

***Crioceratites (Crioceratites) australis* KLINGER & KENNEDY, 1992**

- *1992 *Crioceratites (Crioceratites) australis* - KLINGER & KENNEDY, p. 98, fig. 5A, 17A, 18A, 18B, 18C, 18D, 18E, 19A, 19B, 19C, 19D, 19E, 20A, 20B, 20C, 21A, 21B, 21C, 21D, 21E, 22A, 22B, 22C, 23A, 23B, 23C, 23D, 24A, 24B

***Crioceras canasense* NEUENSCHWANDER & TAVERA, 1942**

- *1942 *Crioceras cañasense* - NEUENSCHWANDER & TAVERA, p. 1100, photo 1

***Crioceras darii* DE ZIGNO, 1845**

- *1845 *Crioceras Da Rii* - DE ZIGNO, p. 287, fig. 1A, 1B
1861 *Crioceras Da Rio* - PICTET & CAMPICHE, p. 49

***Ancyloceras incumbens* VON KOENEN, 1902**

- *1902 *Ancyloceras incumbens* - VON KOENEN, p. 346, pl. XXVII, fig. 2a, 2b, 2c, 3
1980 *Acioceras cf. incumbens* - IMMELE & MUTTERLOSE, p. 256, fig. 8: 1a, 1b

***Ancyloceras incumbens minor* VON KOENEN, 1902**

- 1881 *Crioceras* n. f. - NEUMAYR & UHLIG, p. 194, pl. LVI, fig. 3
*1902 *Ancyloceras incumbens* var. *minor* - VON KOENEN, p. 348

***Thurmannia jupiter* ANDERSON, 1938**

- *1938 *Thurmannia jupiter* - ANDERSON, p. 162, pl. 31, fig. 1
1960 *Pseudothurmannia? jupiter* - IMLAY, p. 200

***Crioceras kampe* VON SCHAFFHÄUTL, 1863**

- *1863 *Crioceras Kampe* - VON SCHAFFHÄUTL, p. 421, pl. LXXIX, fig. 2a, 2b

***Ancyloceras nodulosum* VON KOENEN, 1902**

- *1902 *Ancyloceras nodulosum* - VON KOENEN, p. 344, pl. XXVIII, fig. 7a, 7b, 7c
1980 *Acrioceras* cf. *nodulosum* - IMMEL & MUTTERLOSE, p. 255, fig. 8: 2

***Crioceras perditum* GERTH, 1925**

- 1921 *Neocomites perditus* - GERTH, p. 144, 146 (nomen nudum)
*1925 *Crioceras perditum* - GERTH, p. 114, pl. I, fig. 5
1928 *Crioceras perditum* - GERTH, p. 482

***Crioceras pictetiaeforme* KARAKASCH, 1907**

- *1907 *Crioceratites* sp. (*Cr. Pictetiaeforme*) - KARAKASCH, p. 138, pl. XXVI, fig. 5
1955 «*Crioceras*» *pictetiaeforme* - SARKAR, p. 72

***Crioceratites pinarensis* MYCZYŃSKI, 1977**

- *1977 *Crioceratites pinarensis* - MYCZYŃSKI, p. 157, pl. 5, fig. 6

***Toxoceras plicatum* VON KOENEN, 1902**

- *1902 *Toxoceras plicatum* - VON KOENEN, p. 401, pl. XL, fig. 5a, 5b

***Crioceras recticostatum* KARAKASCH, 1907**

- *1907 *Crioceras recticostatum* - KARAKASCH, p. 138, pl. IV, fig. 11, pl. XXVII, fig. 6
1955 «*Crioceras*» *recticostatum* - SARKAR, p. 72
1956 *Crioceratites recticostatus* - ANDELKOVIĆ, p. 146

***Neocomites russelli* ANDERSON, 1938**

- *1938 *Neocomites russelli* - ANDERSON, p. 165, pl. 27, fig. 3, 3a
1960 *Pseudothurmannia?* *russelli* - IMLAY, p. 199

***Crioceras sexangulatum* KARAKASCH, 1907**

- *1907 *Crioceras sexangulatum* - KARAKASCH, p. 139, pl. IV, fig. 4a, 4b
1955 *Crioceras?* *sexangulatum* - SARKAR, p. 73

***Hamites sexnodosus* ROEMER, 1841**

- *1841 *Hamites sexnodosus* - ROEMER, p. 94, pl. XIV, fig. 10a, 10b
1850 *Ancyloceras sexnodosus* - D'ORBIGNY, p. 65, n° 60
1861 *Hamites sexnodosus* - PICTET & CAMPICHE, p. 49

***Ammonites stanislasi* TORCAPEL, 1884**

- *1884 *Ammonites stanislasi* - TORCAPEL, p. 138, pl. VII
1899 *Hoplites Stanislasi* - SIMIONESCU, p. 484
1996 *Pseudothurmannia* gr. *stanislasi* - ELMİ et al., p. 99

***Ammonites (Hoplites?) uhligii* WEERTH, 1884**

- *1884 *Ammonites (Hoplites?) Uhligii* - WEERTH, p. 22, pl. VII, fig. 1

- 1900 *Hoplites Weerthi* - SIMIONESCU, p.184 (nomen novum for *Ammonites (Hoplites?) Uhligii*)
 1910b *Hoplites Uhligi* - KILIAN, p. 222
 1930a *Parahoplites weerthi* - SPATH, p. 425
 ?1967 *Pseudothurmannia uhligi* - DIMITROVA, p. 73, pl. XXXIV, fig. 1

***Crioceras undatum* VON KOENEN, 1902**

- *1902 *Crioceras? undatum* KOENEN, p. 254, pl. XXVIII, fig. 8a, 8b, 8c
 1955 *Crioceratites undatum* SARKAR, p. 132, 135

***Crioceras vallenarense* NEUENSCHWANDER & TAVERA, 1942**

- *1942 *Crioceras vallenarense* - NEUENSCHWANDER & TAVERA, p. 1104, photo 2

***Toxoceras winkleri* RODIGHIERO, 1919**

- 1919 *Toxoceras Winkleri* de Zigno (in schaedis) - RODIGHIERO, p. 121, pl. XIII(VI), fig. 3

***Crioceras yagii* YABE & SHIMIZU, 1927**

- *1927 *Crioceras yagii* - YABE & SHIMIZU, p. 72, pl. XV (IV), fig. 16, 17, 18, 19
 2000 *Crioceratites yagii* - TOSHIMITSU & HIRANO, p. 586

Superfamily PTYCHOCERATOIDEA GILL, 1871
 (=LYTOCRIOCERATACEAE VERMEULEN, 2000a)
 (=ACANTHOLYTOCERATACEAE VERMEULEN, 2003b)

Family PTYCHOCERATIDAE GILL, 1871

Pseudoptychoceras ETAYO-SERNA, 1979
 (1979, p. 21)

TYPE SPECIES: *Pseudoptychoceras gilberti* ETAYO-SERNA, 1979, p. 21, pl. 6, fig. 18, text-fig. 3S (OD).

INCLUDED (SUB)SPECIES:

gilberti - ETAYO-SERNA, 1979, p. 21, pl. 6, fig. 18, text-fig. 3S
 (HT by OD)

Pseudoptychoceras gilberti ETAYO-SERNA, 1979

*1979 *Pseudoptychoceras gilberti* - ETAYO-SERNA, p. 21, pl. 6, fig. 18, text-fig. 3S, 3T

1998 *Pseudoptychoceras gilberti* - STÖHR, p. 566

Ptychoceras D'ORBIGNY, 1842²³¹
 (1842, p. 554)

TYPE SPECIES: *Ptychoceras Emericianus* D'ORBIGNY, 1842, p. 555 (BUSNARDO in GAUTHIER, 2006, p. 162, pl. 31, fig. 5); SD DIENER, 1925, p. 77.

INCLUDED (SUB)SPECIES:

dittleri - VAŠÍČEK, 1972, p. 67, pl. X, fig. 2 (HT by OD)
emericianum - D'ORBIGNY, 1842, p. 555 (LT designated by BUSNARDO in GAUTHIER, 2006, p. 162, pl. 31, fig. 5)
forbesianum - STOLICZKA, 1866, p. 195, pl. XC, fig. 11 (HT by MT)
?humboldtianum - KARSTEN, 1858, p. 101, pl. I, fig. 1a, 1b, 1c (HT by MT)
laeve - MATHERON, 1842, p. 266, n° 367, pl. 41, fig. 3 (HT by MT)
laeve hamaimense - PERVINQUIÈRE, 1907, p. 90, pl. IV, fig. 5, 6a, 6b, text-fig. 21 (HT by MT)
lashense - SHARIKADZE, 1975, p. 25 (nomen nudum)²³²
levigatum - EGOIAN, 1969, p. 146, pl. VII, fig. 4a, 4b, 4c (HT by OD)
minimum - ROUCHADZE, 1933, p. 180 (LT requested)²³³
obliquesulcatum - AVRAM, 1976a, p. 26, pl. II, fig. 7, text-fig. 6a (HT by OD)
?orbignyi - REYNÈS, 1876, p. 108 (nomen oblitum)
parvum - EGOIAN, 1968, p. 1996, pl. I, fig. 7a, 7a', 7b, 7c (HT by OD)
puzosianum - D'ORBIGNY, 1842, p. 557, pl. 137, fig. 5, 6, 7, 8 (LT designated by VAŠÍČEK, 1972, p. 64) (neotype)

²³¹ In the view of VERMEULEN, 2006 probably derived from *Ptychohamulina*.

²³² According to KAKABADZE an unpublished Ph.D. thesis.

²³³ KAKABADZE in KOTETISHVILI et al., 2005, p. 704 mentions the specimen of ROUCHADZE, 1933, p. 180, pl. I, fig. 8a, 8b, 8c, 8d as holotype. After 1999 it is not valid to design a lectotype according to ICZN article 74.7.

renngarteni -

***Ptychoceras dittleri* VAŠÍČEK, 1972**

- 1883 *Hamites (Ptychoceras)* n. f. ind. - UHLIG, p. 220
 *1972 *Ptychoceras dittleri* - VAŠÍČEK, p. 67, pl. X, fig. 2, 3
 1972 *Ptychoceras* cf. *meyrati* - VAŠÍČEK, p. 66, pl. X, fig. 1
 1973 *Ptychoceras dittleri* - VAŠÍČEK, p. 60
 1976a *Ptychoceras* cf. *dittleri* - AVRAM, p. 26, pl. II, fig. 5
 2004 *Ptychoceras dittleri* - VAŠÍČEK et al., p. 46, pl. II, fig. 6

***Ptychoceras emericianum* D'ORBIGNY, 1842**

- *1842 *Ptychoceras Emericianus* - D'ORBIGNY, p. 555, pl. 137, fig. 1, 2, 3, 4²³⁵
 1848 *Ptychoceras Emericianus* - VON QUENSTEDT, p. 293, pl. 21, fig. 21a, 21b, 21c, 21d, 21e, 21f
 1852 *Ptychoceras Emericianum* - BRONN, p. 332, pl. XXXIII', fig. 3a, 3b, 3c, 3d (=D'ORBIGNY, 1842, pl. 137, fig. 1, 2, 4, 3)
 1860 *Ptychoceras Emericianum* - OOSTER, p. 82, pl. 58, fig. 5, 6
 1861 *Ptychoceras Emericianus* - PICTET & CAMPICHE, p. 108
 1902 *Ptychoceras Emericianum* - SARASIN & SCHÖNDELMAYER, p. 176
 non1938 *Ptychoceras Emerici* - ROMAN, pl. V, fig. 45 (=Ptychoceras puzosianum)
 1938 *Ptychoceras Emerici* - ROMAN, pl. V, fig. 45a (=D'ORBIGNY, pl. 137, fig. 2)
 ?1938b *Ptychoceras* sp.ind. - ROUCHADZE, p. 192, pl. 1, fig. 2
 non1952b *Ptychoceras emericianum* - BASSE, p. 613, pl. III, fig. 14 (=Ptychoceras puzosianum)
 1952 *Ptychoceras Emericianum* - BREISTROFFER, p. 48
 1957 *Ptychoceras emericianum* - ARKELL et al., p. L216, fig. 242: 2 (=D'ORBIGNY, 1842, pl. 137, fig. 1)
 1960 *Ptychoceras puzosianum* - DRUSHCHITS, p. 266, pl. XI, fig. 3a, 3b, 4
 1970 *Ptychoceras emericii* - AVRAM, p. 170, pl. I, fig. 1
 1975 *Ptychoceras* cf. *emicianus* - GRÄF, p. 109(105), pl. IV, fig. 4, pl. V, fig. 1
 1976a *Ptychoceras emericianum* - AVRAM, p. 25, pl. II, fig. 8 (=AVRAM, 1970, pl. I, fig. 1)
 non1980 *Ptychoceras emericianum* - THOMEL, p. 57, fig. 97 (=Anahamulina subcylindrica)
 1996 *Ptychoceras emericianum* - WRIGHT et al., p. 233, fig. 181: 3a (=D'ORBIGNY, 1842, pl. 137, fig. 1), fig. 181: 3b, 3c²³⁶, non fig. 3d (=Ptychoceras laeve)(=WIEDMANN, 1962d, text-fig. 31c)
 1996 *Ptychoceras emericianum* - HOEDEMAEKER & BEMMEL, p. 36, fig. K8 (=D'ORBIGNY, 1842, pl. 137, fig. 1)
 2006 *Ptychoceras emericianum* - BUSNARDO in GAUTHIER, p. 162, pl. 31, fig. 4, 5, text-fig. 71a, 71b, 72

***Ptychoceras forbesianum* STOLICZKA, 1866**

- *1866 *Ptychoceras Forbesianum* - STOLICZKA, p. 195, pl. XC, fig. 11
 1907 *Ptychoceras Forbesianum* - PERVINQUIÈRE, p. 91
 1923 *Ptychoceras Forbesianum* - BÖSE, p. 139
 1952 *Ptychoceras Forbesianum* - BREISTROFFER, p. 50

²³⁴ According to BUSNARDO in GAUTHIER, 2006 the lectotype designated by VAŠÍČEK, 1972 is missing. He designated a new lectotype not in accordance with the ICZN, that we herein designate as neotype.

²³⁵ Drawing based on several specimens.

²³⁶ WRIGHT refers to the specimen of fig. 181: 3a, 3b as new. No further indication is given.

***Ptychoceras? humboldtianum* KARSTEN, 1858**

- *1858 *Ptychoceras Humboldtianus* - KARSTEN, p. 101, pl. I, fig. 1a, 1b, 1c
1886 *Ptychoceras Humboldtianus* - KARSTEN, p. 29, pl. I, fig. 1a, 1b, 1c (=KARSTEN, 1858, pl. I, fig. 1a, 1b, 1c)
?1937 *Ptychoceras Humboldtianus* - BOTERO, p. 25, n° 54
1930a *Ptychoceras Humboldtianum* - SPATH, p. 462
1952 «*Ptychoceras Humboldtianum*» - BREISTROFFER, p. 52
1960a *Ptychoceras Humboldtianum* - BÜRGEL, p. 146
1964 *Ptychoceras humboldtianus* - ETAYO-SERNA, p. 105

***Ptychoceras laeve* MATHERON, 1842**

- *1842 *Ptychoceras laevis* - MATHERON, p. 266, n° 367, pl. 41, fig. 3
1850 *Ptychoceras laevis* - D'ORBIGNY, p. 115, n° 51
1860 *Ptychoceras laeve* - OOSTER, p. 86, pl. 58, fig. 9, 10 (= ?*Euptychoceras meyrati*)
1861 *Ptychoceras laevis* - PICTET & CAMPICHE, p. 108
1862 *Ptychoceras laeve* - COQUAND, p. 285, n° 140
1889 *Hamites (Ptychoceras) cf. laevis* - TOULA, p. 91, pl. III, fig. 6
1907 *Ptychoceras laeve* - PERVINQUIÈRE, p. 90
1920 *Ptychoceras laeve* - FALLOT, p. 16
non1938 *Ptychoceras laeve* - ROMAN, fig. on legend plate V (= *Ptychoceras laeve hamaimense*)
1952 *Ptychoceras laeve* - BREISTROFFER, p. 47
1960 *Ptychoceras cf. P. laeve* - IMLAY, p. 100, pl. 12, fig. 23
1962d *Ptychoceras laeve laeve* - WIEDMANN, p. 90, pl. 7, fig. 1, text-fig. 31, 32
1976a *Ptychoceras laeve* - AVRAM, p. 25, pl. II, fig. 9, 10, 11
1976 *Ptychoceras* sp. - FÜLOP, pl. XLIX, fig. 10, 16
1987 *Ptychoceras laeve* - IMMEL, p. 127
1989 *Ptychoceras laeve laeve* - FÖLLMI, p. 120, pl. 3, fig. 17a, 17b
?1995 *Ptychoceras* sp. - SEYED-EMAMI & IMMEL, p. 382, fig. 16a, 16b
1996 *Ptychoceras laeve* - SZIVES, p. 37, pl. III, fig. 2, text-fig. 18
1996 *Ptychoceras emericianum* - WRIGHT et al., fig. 3d (=WIEDMANN, 1962d, text-fig. 31c)
1999 *Ptychoceras laeve* - SZIVES, p. 405, pl. II, fig. 2
1997 *Ptychoceras cf. laeve* - DELAMETTE et al., pl. 12, fig. 7
2002 *Ptychoceras cf. laeve* - SZIVES & MONKS, p. 1140

***Ptychoceras laeve hamaimense* PERVINQUIÈRE, 1907**

- *1907 *Ptychoceras laeve* var. *Hamaimensis* - PERVINQUIÈRE, p. 90, pl. IV, fig. 5, 6a, 6b, text-fig. 21
1938 *Ptychoceras laeve* - ROMAN, fig. on legend plate V (=PERVINQUIÈRE, 1907, text-fig. 21)
1952 *Ptychoceras laeve* var. *hamaimensis* - BREISTROFFER, p. 47
1956 *Ptychoceras laeve* var. *hamaimensis* - ALMELA & DE LA REVILLA, p. 39, pl. IX, fig. 9
1962d *Ptychoceras laeve hamaimense* - WIEDMANN, p. 94, pl. 7, fig. 3a, 3b, 3c
1979 *Ptychoceras laeve hamaimense* - KENNEDY & KOLLMANN, p. 4, pl. 1, fig. 1, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, pl. 3, fig. 8a, 8b
1997 *Ptychoceras cf. laeve hamaimense* - KENNEDY et al., p. 467, pl. 2, fig. 1, 4
2000 *Ptychoceras laeve hamaimense* - KENNEDY et al., p. 684, fig. 39e, fig. 51d, 51e, 51f

***Ptychoceras lashense* SHARIKADZE, 1975**

- *1975 *Ptychoceras lashensis* - SHARIKADZE, p. 25, pl. 10, fig. 1
2005 *Ptychoceras lashensis* - KAKABADZE in KOTETISHVILI et al., p. 379, pl. 90, fig. 2a, 26, 2b

***Ptychoceras levigatum* EGOIAN, 1969**

- *1969 *Ptychoceras levigatum* - EGOIAN, p. 146, pl. VII, fig. 4a, 4b, pl. XXII, fig. 22
1974 *Ptychoceras levigatum* - MIKHAILOVA, p. 193, text-fig. 1, 2, 3
1989 *Ptychoceras levigatum* - DOGUZHAIEVA & MUTVEI, pl. 2, fig. 2, 3, pl. 10, fig. 4, pl. 14, fig. 3, 4
1990 *Ptychoceras* cf. *levigatum* - WIEDMANN et al., text-fig. 9a., 9b
1993 *Ptychoceras levigatum* - DOGUZHAIEVA & MUTVEI, p. 104
?1995 *Ptychoceras* sp. aff. *P. laevigatum* - AVRAM, p. 125, pl. 15, fig. 8

***Ptychoceras minimum* ROUCHADZE, 1933**

- *1933 *Ptychoceras minimum* - ROUCHADZE, p. 180, pl. I, fig. 8a, 8b, 8c, 8d
1955 *Ptychoceras minimum* - ERISTAVI, p. 62
1960 *Ptychoceras minimum* - DRUSHCHITS, p. 265, pl. XI, fig. 5
1969 *Ptychoceras minimum* - EGOIAN, p. 147, pl. VII, fig. 5a, 5b
1986 *Ptychoceras minimum* - SHARIKADZE, text-fig. 1, 2, 3
1989 *Ptychoceras minimum* - DOGUZHAIEVA & MUTVEI, pl. 1, fig. 1, 2, pl. 3, fig. 1, 2, 3, pl. 4, fig. 1, 2, 3, 4, 5, 6, 7, pl. 5, fig. 1, 2, text-fig. 1A, 2A, 2B, 2C, 3A, 3B, 3C
1990 *Ptychoceras minimum* forma *typica* - WIEDMANN et al., p. 369, text-fig. 1
1990 *Ptychoceras minimum* forma *trifida* - WIEDMANN et al., p. 371, text-fig. 2, 3, 4A, 4B, 4C, 5A, 5B, 5C, 5D, 5E, 5F, 5G, 6, 8
1993 *Ptychoceras minimum* - DOGUZHAIEVA & MUTVEI, p. 104, fig. 6.3: a, d, e, fig. 6.4: a, b, c, d
?2000 *Ptychoceras* sp. (form. 1) - LANDRA et al., p. 40
2005 *Ptychoceras minimum* - KAKABADZE in KOTETISHVILI et al., p. 378, pl. 90, fig. 3
(=ROUCHADZE, 1933, pl. I, fig. 8d)

***Ptychoceras obliquesulcatum* AVRAM, 1976**

- *1976a *Ptychoceras obliquesulcatum* - AVRAM, p. 26, pl. II, fig. 6, 7, text-fig. 6a, 6b

***Ptychoceras? orbignyi* REYNÈS, 1876**

- *1876 *Ptychoceras Orbignyi* - REYNÈS, p. 108

***Ptychoceras parvum* EGOIAN, 1968**

- *1968 *Ptychoceras parvum* - EGOIAN, p. 1996, pl. 1, fig. 7a, 7a', 7b, 7b
1969 *Ptychoceras parvum* - EGOIAN, p. 145, pl. 7, fig. 1a, 1a', 1b (=EGOIAN, 1968, pl. 1, fig. 7a, 7a', 7b, 7b), fig. 2a, 2b, fig. 2b (66 on the plate (top)), fig. 3a, 3b, 3b, pl. XXII, fig. 21
1977 *Ptychoceras parvum* - KOTETISHVILI, p. 46, pl. XII, fig. 4, 5a, 5b
1986 *Ptychoceras parvum* - SHARIKADZE, text-fig. 6
1987 *Ptychoceras* cf. *parvum* - LESHCHUKH, p. 114, pl. 12, fig. 14
1989 *Ptychoceras parvum* - DOGUZHAIEVA & MUTVEI, pl. 2, fig. 1, pl. 6, fig. 1, 2, 3, 4, pl. 7, fig. 1, 2, 3, 4, pl. 9, fig. 1, 2, pl. 10, fig. 2, 3, pl. 14, fig. 1, 2, text-fig. 1B, 4A, 4B, 4C, 4D, 5A, 5B, 10A, 10B, 10C, 11A, 11B, 11C
1990 *Ptychoceras* cf. *parvum* - WIEDMANN et al., text-fig. 9c
1993 *Ptychoceras parvum* - DOGUZHAIEVA & MUTVEI, p. 104, text-fig. 6.3: b, c

***Ptychoceras puzosianum* (D'ORBIGNY, 1842)**

- *1842 *Ptychoceras Puzosianus* - D'ORBIGNY, p. 557, pl. 137, fig. 5, 6, 7, 8
1848 *Ptychoceras* cf. *Puzosianus* - VON QUENSTEDT, p. 293, pl. 21, fig. 22a, 22b, 22c, 22d
1850 *Ptychoceras Puzosianus* - D'ORBIGNY, p. 102, n° 645

- 1854 *Ptychoceras Puzosianus* - PICTET, p. 710, pl. LVI, fig. 5a, 5b (=D'ORBIGNY, 1842, pl. 137, fig. 5, 6, 7)
- 1860 *Ptychoceras Puzosianum* - OOSTER, p. 85, pl. 58, fig. 7, 8
- 1861 *Ptychoceras Puzosianus* - PICTET & CAMPICHE, p. 108
- 1883 *Hamites (Ptychoceras) Puzosianus* - UHLIG, p. 219, pl. XIV, fig. 1
- 1888 *Ptychoceras Puzosianum* - UHLIG, p. 90(22)
- 1889 *Ptychoceras Puzosi* - HAUG, p. 200(8)
- 1889b *Ptychoceras Puzosi* - KILIAN, p. 234
- 1894 *Ptychoceras Puzosi* - SAYN, p. 142
- ?1900 *Ptychoceras* sp. aff. *Puzosianum* - ANTHULA, p. 103(49), pl. VIII(VII), fig. 1a, 1b, 1c
- 1900 *Ptychoceras Puzosianum* - HYATT, p. 571, fig. 1185 (=D'ORBIGNY, 1842, pl. 137, fig. 5)
- 1902 *Ptychoceras Puzosianum* - SARASIN & SCHÖNDELMAYER, p. 176
- 1938 *Ptychoceras Emerici* - ROMAN, pl. V, fig. 45 (=D'ORBIGNY, 1842, pl. 137, fig. 5)
- ?1938a *Ptychoceras* aff. *Puzosi* - ROUCHADZE, p. 137, pl. 1, fig. 3
- 1949 *Ptychoceras puzosianum* - VIALLI, p. 58, fig. 22
- 1952b *Ptychoceras emericianum* - BASSE, p. 613, pl. III, fig. 14 (=D'ORBIGNY, 1842, pl. 137, fig. 5)
- 1955 *Ptychoceras* aff. *puzosi* - ERISTAVI, p. 62
- non1960 *Ptychoceras puzosianum* - DRUSHCHITS, p. 266, pl. XI, fig. 3a, 3b, 4 (=Ptychoceras emericianum)
- ?1962b *Ptychoceras* cf. *puzosi* - COLLIGNON, p. 15, pl. CCXXI, fig. 963
- 1972 *Ptychoceras puzosianum* - VAŠÍČEK, p. 64, pl. VIII, fig. 3
- 1975 *Ptychoceras* aff. *puzosianum* - GRÄF, p. 110(106), pl. V, fig. 4
- ?1984 *Ptychoceras puzosianum* - AVRAM & KUSKO, p. 12, pl. II, fig. 2
- 1987 *Ptychoceras puzosianum* - IMMEL, p. 127, pl. 14, fig. 6 (=SAYN, 1894, p. 142)
- 1988 *Ptychoceras puzosianum* - KHALILOV, p. 344, pl. VII, fig. 1
- 1995 *Ptychoceras puzosianum* - DELANOY, p. 295, pl. 5, fig. 3
- 1995 *Ptychoceras puzosianum* - AVRAM, p. 125, pl. 15, fig. 6, 7
- 1997 *Ptychoceras* aff. *puzosianum* - KAKABADZE & HOEDEMAEKER, p. 81, pl. 14, fig. 3, text-fig. 13a, 13b
- 1998 *Ptychoceras puzosianum* - DELANOY, pl. 4, fig. 10 (=DELANOY, 1995, pl. 5, fig. 3)
- 1999 *Ptychoceras* cf. *puzosianum* - LUKENEDER, pl. 2, fig. 4
- ?2004b *Ptychoceras* ex gr. *puzosianum* - LUKENEDER, p. 180, pl. 3, fig. 11
- 2006 *Ptychoceras puzosianum* - BUSNARDO in GAUTHIER, p. 163, pl. 31, fig. 6

***Ptychoceras renngarteni* EGOIAN, 1968**

- *1968 *Ptychoceras renngarteni* - EGOIAN, p. 1195, pl. 1, fig. 1a, 1a', 1b, 2, 3, 4, 5, 6a, 6b
- 1969 *Ptychoceras renngarteni* - EGOIAN, p. 143, pl. V, fig. 1a, 1b, 2a, 2a', fig. 2b (=EGOIAN, 1968, pl. 1, fig. 2), fig. 2b, fig. 3a (=EGOIAN, 1968, pl. 1, fig. 4), fig. 3b, pl. VI, fig. 1a, 1a', 1b, fig. 1b (=EGOIAN, 1968, pl. 1, fig. 1a, 1a', 1b, 1b), fig. 2a, 2a', fig. 2b (=EGOIAN, 1968, pl. 1, fig. 3), fig. 2b, 3a, 3b (=EGOIAN, 1968, pl. 1, fig. 5), pl. XXII, fig. 20a, 20b (=EGOIAN, 1968, pl. 1, fig. 6a, 6b)
- 1976a *Ptychoceras* sp. aff. *P. renngarteni* - AVRAM, p. 25, pl. II, fig. 4
- 1989 *Ptychoceras renngarteni* - DOGUZHAeva & MUTVEI, pl. 2, fig. 4, pl. 5, fig. 1, 2, pl. 8, fig. 1, 2, 3, pl. 10, fig. 1, pl. 11, fig. 1, 2, 3, 4, pl. 12, fig. 1, 2, 3, text-fig. 1C, 5C, 7A, 7B, 7C, 8A, 8B, 8C, 9A, 9B
- 1990 *Ptychoceras* cf. *renngarteni* - WIEDMANN et al., text-fig. 9d
- 1993 *Ptychoceras renngarteni* - DOGUZHAeva & MUTVEI, p. 104

***Mastigohamites* BREISTROFFER, 1947**

(BREISTROFFER, 1947b, p. 100)

nomen novum pro *Mastigoceras* BÖHM, 1926, p. 202, non HANDSCHIN, 1924, p. 22

TYPE SPECIES: *Hamites adpressus* SOWERBY, 1814, p. 140, pl. LXI, fig. 6 (OD).

INCLUDED (SUB)SPECIES:

adpressum - SOWERBY, 1814, p. 140, pl. LXI, fig. 6 (HT by MT)
(neotype designated by SPATH, 1941, p. 657, text-fig.
241: a, b, c)

***Mastigohamites adpressus* (SOWERBY, 1814)**

- *1814 *Hamites adpressus* - SOWERBY, p. 140, pl. LXI, fig. 6
- 1837 *Hamites adpressus* - BROWN, p. 3, pl. II, fig. 4
- 1842 *Ptychoceras adpressum* - D'ORBIGNY, p. 555
- 1848 *Ptychoceras adpressum* - VON QUENSTEDT, p. 294
- 1850 *Ptychoceras adpressus* - D'ORBIGNY, n°, p. 125
- 1852 *Ptychoceras adpressum* - GIEBEL, p. 287
- 1861 *Ptychoceras adpressus* - PICTET & CAMPICHE, p. 108
- 1875a *Hamites adpressus* - NEUMAYR, p. 666
- 1875b *Ptychoceras adpressus* - NEUMAYR, p. 897
- non1897 *Ptychoceras adpressum* - PARONA & BONARELLI, p. 105(53)
- 1900 *Ptychoceras adpressum* - JUKES-BROWNE, p. 82, 459
- 1923a *Ptychoceras adpressum* - SPATH, p. 76
- 1926 *Mastigoceras adpressum* - BÖHM, pl. X, fig. 1, 2, 3, 4, 5
- 1941 *Mastigoceras adpressum* - SPATH, p. 657, text-fig. 241: a, b, c, text-fig. 241d (SOWERBY, 1814, pl. LXI, fig. 6), text-fig. 241: e, f, g, h, i, j, k, l, m
- 1961 *Mastigohamites adpressus* - SCHINDEWOLF, p. 739, text-fig. 57 (=SPATH, 1941, text-fig. 241: l, m)
- 1962a *Mastigohamites adpressus* - WIEDMANN, p. 89
- 1968 *Ptychoceras adpressum* - WIEDMANN & DIENI, p. 50, pl. IV, fig. 14a, 14b, text-fig. 17, 18
- 1971 *Ptychoceras adpressum* - HOLLIS, p. 593, text-fig. 1
- 1996 *Ptychoceras adpressum* - WRIGHT et al., p. 233, fig. 181: 3e (=SPATH, 1941, text-fig. 241: m)
- 1997 *Ptychoceras adpressum* - KENNEDY et al., p. 467, pl. 7, fig. 7, 11

***Tricoloceras* WHITEHOUSE, 1928
(1928b, p. 278)**

TYPE SPECIES: *Ptychoceras* (?) *closteroides* ETHERIDGE, 1904, p. 110 (OD).

INCLUDED (SUB)SPECIES:

closteroides - ETHERIDGE, 1904, p. 110 (LT requested)

***Tricoloceras closteroides* (ETHERIDGE, 1904)**

- *1904 *Ptychoceras* (?) *closteroides* - ETHERIDGE, p. 110, pl. XV, fig. 6, 7, 8, 9
- ?1923 *Ptychoceras* (?) *closteroides* - BÖSE, p. 139
- 1928b *Tricoloceras closteroides* - WHITEHOUSE, p. 278
- 1996 *Ptychoceras*? *closteroides* - WRIGHT et al., p. 233

***Diptychoceras* GABB, 1869**

(1869, p. 143)

TYPE SPECIES: *Diptychoceras laevis* GABB, 1869, p. 144, pl. XXV, fig. 21, 21a, 21b (OD).

INCLUDED (SUB)SPECIES:

<i>gabbi</i> -	PERVINQUIÈRE, 1907, p. 91 (nomen novum pro <i>Diptychoceras laevis</i> GABB, 1869) ²³⁷
<i>glaber</i> -	WHITEAVES, 1884, p. 213, pl. XXVI, fig. 2 (LT designated by MCLEARN, 1970, p. 74)
<i>laeve</i> -	GABB, 1869, p. 144, pl. XXV, fig. 21, 21a, 21b (LT designated herein) ²³⁸
<i>?mazapilense</i> -	BÖSE, 1923, p. 137 (LT requested)
<i>nikchitchi</i> -	ROUCHADZE, 1938b, p. 192, pl. 1, fig. 3 (LT designated herein) ²³⁹

***Diptychoceras glaber* (WHITEAVES, 1884)**

- *1884 *Hamites (?) glaber* - WHITEAVES, p. 213, pl. XXIV, fig. 2, 2a, 2b, 2c
?1895 *Hamites (Ptychoceras) glaber* - KOSSMAT, p. 150(54), pl. XX(VI), fig. 7a, 7b
1907 *Ptychoceras glaber* - PERVINQUIÈRE, p. 91
1932 *Ptychoceras* cf. *glaber* - COLLIGNON, p. 24, pl. IV, fig. 20, 21
1936 *Ptychoceras* cfr. *glaber* - VENZO, p. 113
1952 *Ptychoceras ? glabrum* - BREISTROFFER, p. 50
1958 *Cyrtochilus glaber* - ANDERSON, p. 188
1970 *Ptychoceras (Diptychoceras) glaber* - MCLEARN, p. 74, pl. XLIII, fig. 2A, 2B, pl. XLIV, fig. 2A, 2B, 3, pl. XLV, fig. 1, fig. 2A, 2B (=WHITEAVES, 1884, pl. XXIV, fig. 2), fig. 4

***Diptychoceras laeve* GABB, 1869**

- *1869 *Diptychoceras laevis* - GABB, p. 144, pl. XXV, fig. 21, 21a, 21b
1907 *Ptychoceras Gabbi* - PERVINQUIÈRE, p. 91
1923 *Diptychoceras laeve* - BÖSE, p. 139
1938 *Diptychoceras laeve* - ANDERSON, p. 218

***Diptychoceras? mazapilense* BÖSE, 1923**

- 1906 *Diptychoceras* sp. - BURCKHARDT, p. 8
*1923 *Diptychoceras mazapilense* Burckhardt ms. - BÖSE, 1923, p. 137, pl. X, fig. 1, 2, 3, 4, 5, 6, 7, 8
1952 *Diptychoceras mazapilense* Burckh. in Böse - BREISTROFFER, p. 49

***Diptychoceras nikchitchi* ROUCHADZE, 1938**

- *1938b *Diptychoceras Nikchitchi* - ROUCHADZE, p. 192, pl. I, fig. 3, 4, 5
?1938b *Diptychoceras* sp. ind. - ROUCHADZE, p. 193, pl. I, fig. 6

²³⁷ PERVINQUIÈRE, 1907, p. 91 gives this new name to *Diptychoceras laevis* GABB, 1869, non MATHERON, 1842, because he included the species of GABB also in *Ptychoceras*.

²³⁸ The specimen that GABB, 1869 described and depicted.

²³⁹ The specimen that ROUCHADZE, 1938a described and depicted; the other depicted specimens are fragments.

Family HAMULINIDAE GILL, 1871
(= **ANAHAMULINIDAE BREISTROFFER, 1952**)

***Hamulina* D'ORBIGNY, 1850**
(1850, p. 66)

TYPE SPECIES: *Hamulina Astieriana* D'ORBIGNY, 1850, p. 102, n° 647; SD ROMAN, 1938, p. 47.

INCLUDED (SUB)SPECIES:

<i>?acuticostata</i> -	KARAKASCH, 1907, p. 151, pl. XXV, fig. 11 (HT by MT)
<i>aldersona</i> -	ANDERSON, 1938, p. 219, pl. 58, fig. 2, 2a (HT by OD)
<i>astieriana</i> -	D'ORBIGNY, 1850, p. 102, n° 647 (LT requested) ²⁴⁰
<i>astieriana ratschensis</i> -	ERISTAVI, 1955, p. 62 (HT by OD SARASIN & SCHÖNDELMAYER, 1902, pl. XXI, fig. 2 = OOSTER, 1860, pl. 54, fig. 1)
<i>depressa</i> -	KARAKASCH, 1907, p. 153 (HT by MT)
<i>?fascicularis</i> -	PICTET & DE LORJOL, 1858, p. 33, pl. VII, fig. 4 (HT by MT) (nomen dubium) ²⁴¹
<i>haueri</i> -	UHLIG, 1883, p. 210(86) (LT requested)
<i>?laevis</i> -	REYNÈS, 1876, p. 108 (HT by MT) (nomen oblitum)
<i>meyrati</i> -	OOSTER, 1860, p. 72 (LT requested)
<i>?nitida</i> -	VON KOENEN, 1902, p. 396 (LT requested)
<i>pamuktshiensis</i> -	DIMITROVA, 1967, p. 84, pl. XL, fig. 2 (HT by OD)
<i>renngarteni</i> -	KULJINSKAIA-VORONETZ, 1933, p. 27, pl. II, fig. 4, 5, 6 (HT by MT)
<i>?senilis</i> -	OOSTER, 1860, p. 80, pl. 57, fig. 5, 6, 7 (HT by MT)
<i>taurica</i> -	KARAKASCH, 1907, p. 148, pl. IV, fig. 7 (HT by MT)
<i>vogdti</i> -	KULJINSKAIA-VORONETZ, 1933, p. 28, pl. V, fig. 1, 2, 3 (HT by MT)

***Hamulina? acuticostata* KARAKASCH, 1907**

*1907 *Hamulina* sp. (*H. acuticostata*) - KARAKASCH, p. 151, pl. XXV, fig. 11

***Hamulina aldersona* ANDERSON, 1938**

*1938 *Hamulina aldersona* - ANDERSON, p. 219, pl. 58, fig. 2, 2a

***Hamulina astieriana* D'ORBIGNY, 1850**

*1850	<i>Hamulina Astieriana</i> - D'ORBIGNY, p. 102, n° 647
1852	<i>Hamites Astieranus</i> - GIEBEL, p. 301
1852	<i>Hamulina Astieriana</i> - D'ORBIGNY, p. 216, pl. III, fig. 4, 5, 6
?1860	? <i>Ancyloceras Hillsi</i> - OOSTER, pl. 52, fig. 7
non1860	? <i>Ancyloceras gigas</i> (? <i>Hillsi</i>) - OOSTER, pl. 54, fig. 1 (= <i>Hamulina asteriana ratschensis</i>)
1861	<i>Hamulina Astieriana</i> - PICTET & CAMPICHE, p. 104
1883	<i>Hamites (Hamulina) Astieri</i> - UHLIG, p. 209(85), pl. X, fig. 2, 3, pl. XI, fig. 2a, 2b
1900	<i>Hamulina astieriana</i> - PAQUIER, p. 556
1902	<i>Hamulina Astieriana</i> - SARASIN & SCHÖNDELMAYER, p. 155

²⁴⁰ THOMEL, 1965a writes about the specimen that COTTREAU, 1937 depicted on his pl. LXXIX, fig. 12 as type and VAŠÍČEK, 1972 writes about the picture of D'ORBIGNY, 1852, pl. III, fig. 4, 5, 6 as holotype. Both specimens are however from Barrême. D'ORBIGNY, 1850 original or originals came from Angles.

²⁴¹ In the view of BUSNARDO, 2003, p. 97 a fragment of an *Acricoceras*.

- non1902 *Hamulina* sp. ind. ex aff. *Astieriana* - SARASIN & SCHÖNDELMAYER, p. 156, pl. XXI, fig. 2 (=OOSTER, 1860, pl. 54, fig. 1) (= *Hamulina astieriana ratschensis*)
- 1910b *Hamulina Astieriana* - KILIAN, p. 253
- 1921 *Hamulina Astieriana* - GIGNOUX, p. 126
- 1937 *Hamulina Astieriana* - COTTREAU, p. 69, pl. LXXIX, fig. 12 (=D'ORBIGNY, 1852, pl. III, fig. 4), fig. 13
- 1938 *Hamulina Astieriana* - ROMAN, p. 48, pl. V, fig. 44 (=D'ORBIGNY, 1852, pl. III, fig. 4), non text-fig. 44 on p. 54 (= *Diplomoceras cylindraceum*)
- ?1949 *Hamulina* n. f. ind. (aff. *astieriana*) - KOKOSZYŃSKA, p. 39
- 1957 *Hamulina astieriana* - ARKELL et al., p. L215, fig. 242: 1 (=D'ORBIGNY, 1852, pl. III, fig. 4)
- 1960 *Hamulina astieriana* - DRUSHCHITS, p. 265, p. XI, fig. 1, 2
- 1964 *Hamulina astieriana* - FÜLOP, pl. XXVIII, fig. 3
- 1965a *Hamulina astieri* - THOMEL, p. 66, pl. XI, fig. 4, pl. XII, fig. 1
- 1972 *Hamulina astieriana* - VAŠÍČEK, p. 58, pl. VII, fig. 3
- ?1974 *Hamulina* sp. - LEFELD, p. 353, pl. 11, fig. 1
- ?1977 *Hamulina* cf. *astieriana* - MYCZYŃSKI, p. 162, pl. 6, fig. 7
- 1980 *Hamulina astieri* - THOMEL, p. 56, fig. 96 (=THOMEL, 1965a, pl. XII, fig. 1)
- 1990 *Hamulina astieri* - THOMEL, pl. VII, fig. 1
- 1995 *Hamulina* cf. *astieriana* - AVRAM, pl. 4, fig. 3
- 1995 *Hamulina astieriana* - AVRAM, p. 119, pl. 4, fig. 2
- 1996 *Hamulina astieriana* - WRIGHT et al., p. 231, fig. 181: 4a (=D'ORBIGNY, 1852, pl. III, fig. 4), 4b (=THOMEL, 1965a, pl. XII, fig. 1)
- non1998 *Hamulina astieriana* - WITAM, p. 354, pl. VI, fig. 5
- 2000b *Hamulina astieri* - DELANOY et al., fig. on p. 18
- 2003 *Hamulina astieriana* - BUSNARDO et al., p. 85, pl. XVI, fig. 3, 4, pl. XVIII, fig. 5
- 2003 *Hamulina* gr. *astieriana* - BUSNARDO et al., pl. XXVI, fig. 6
- 2004 *Hamulina* cf. *astieriana* - VAŠÍČEK et al., p. 46, pl. II, fig. 1
- 2004 *Hamulina astieriana* - VAŠÍČEK et al., p. 47, pl. II, fig. 2

***Hamulina astieriana ratschensis* ERISTAVI, 1955**

- 1860 ? *Ancyloceras gigas* (? *Hillsi*) - OOSTER, pl. 54, fig. 1
- 1902 *Hamulina* sp. ind. ex aff. *Astieriana* - SARASIN & SCHÖNDELMAYER, p. 156, pl. XXI, fig. 2 (=OOSTER, 1860, pl. 54, fig. 1)
- *1955 *Hamulina asteriana* v. *ratschensis* - ERISTAVI, p. 62

***Hamulina depressa* KARAKASCH, 1907**

- *1907 *Hamulina depressa* (Eichw.) - KARAKASCH, p. 153
- 1921 *Hamulina depressa* - GIGNOUX, p. 126

***Hamulina? fascicularis* PICTET & DE LORIOI, 1858**

- *1858 *Hamulina fascicularis* - PICTET & DE LORIOI, p. 33, pl. VII, fig. 4
- 1861 *Hamulina fascicularis* - PICTET & CAMPICHE, p. 103
- 2003 *Acrioceras* sp. - BUSNARDO et al., p. 97²⁴²

***Hamulina haueri* (UHLIG, 1883)**

- 1860 *Ancyloceras gigas* - OOSTER, pl. 53, fig. 4
- *1883 *Hamites* (*Hamulina*) *Haueri* Hohenegger in coll. - UHLIG, p. 210(86), pl. X, fig. 4
- 1883 *Hamites* (*Hamulina*) aff. *Haueri* Hohenegger in coll. - UHLIG, p. 211(87), pl. II, fig. 4

²⁴² Reinterpretation of *Hamulina fascicularis* PICTET & DE LORIOI, 1858, p. 33, pl. VII, fig. 4.

- 1896 *Hamulina Haueri* - KILIAN, p. 740
 1898 *Hamites Haueri* - SIMIONESCU, p. 120(64)
 1900 *Hamulina* aff. *Haueri* - PAQUIER, p. 557
 1902 *Hamulina Haueri* - SARASIN & SCHÖNDELMAYER, p. 157, pl. XXI, fig. 3 (=OOSTER, 1860, pl. 53, fig. 4), pl. XXII, fig. 1, 2
 1910b *Hamulina Haueri* - KILIAN, p. 253
 1921 *Hamulina Haueri* - GIGNOUX, p. 126
 1938 *Hamulina Haueri* - ROMAN, p. 48
 1955 *Hamulina* cf. *haueri* - ERISTAVI, p. 60

***Hamulina? laevis* REYNÈS, 1876**

- *1876 *Hamulina laevis* - REYNÈS, p. 108

***Hamulina meyrati* (OOSTER, 1860)**

- *1860 *Hamites? Meyrati* - OOSTER, p. 72, pl. 56, fig. 2, 3, 4, 5, 6, 7
 1883 *Hamites (Hamulina) Meyrati* - UHLIG, p. 210(86)
 1902 *Hamulina Meyrati* - SARASIN & SCHÖNDELMAYER, p. 159, pl. XXI, fig. 4 (=OOSTER, 1860, pl. 56, fig. 2)
 1921 *Hamulina Meyrati* - GIGNOUX, p. 126
 1933 *Hamulina* aff. *meyrati* - KULJINSKAIA-VORONETZ, p. 29, text-fig. 37
 1955 *Hamulina* cf. *meyrati* - ERISTAVI, p. 60
 1956 *Hamulina meyrati* - ANDJELKOVIĆ, p. 149
 2003 *Hamulina meyrati* - BUSNARDO et al., p. 85, pl. XXIV, fig. 9

***Hamulina? nitida* VON KOENEN, 1902**

- *1902 *Hamulina nitida* - VON KOENEN, p. 396, pl. LII, fig. 3, 4, 5

***Hamulina pamuktshiensis* DIMITROVA, 1967**

- *1967 *Hamulina pamuktshiensis* - DIMITROVA, p. 84, pl. XL, fig. 2

***Hamulina renngarteni* KULJINSKAIA-VORONETZ, 1933**

- *1933 *Hamulina renngarteni* - KULJINSKAIA-VORONETZ, p. 27, pl. II, fig. 4, 5, 6, text-fig. 35

***Hamulina? senilis* (OOSTER, 1860)**

- *1860 *Hamites? Senilis* - OOSTER, p. 80, pl. 57, fig. 5, 6, 7
 1896 *Hamulina senilis* - KILIAN, p. 740
 1910b *Hamulina senilis* - KILIAN, p. 253
 1921 *Hamulina senilis* - GIGNOUX, p. 129

***Hamulina taurica* KARAKASCH, 1907**

- *1907 *Hamulina taurica* - KARAKASCH, p. 148, pl. IV, fig. 7
 1910b *Hamulina Taurica* - KILIAN, p. 253
 1921 *Hamulina Taurica* - GIGNOUX, p. 127
 1938 *Hamulina taurica* - ROMAN, p. 48

***Hamulina vogdti* KULJINSKAIA-VORONETZ, 1933**

- *1933 *Hamulina vogdti* - KULJINSKAIA-VORONETZ, p. 28, pl. V, fig. 1, 2, 3, text-fig. 36

Anahamulina HYATT, 1900
(1900, p. 571)

TYPE SPECIES: *Hamulina subcylindrica* D'ORBIGNY, 1850, p. 102 (OD).

INCLUDED (SUB)SPECIES:

<i>?crassicosata</i> -	KARAKASCH, 1907, p. 150 (LT requested) (nomen dubium) ²⁴³
<i>davidsoni</i> -	MATHERON, 1880, pl. C-18, fig. 7 (HT by MT)
<i>lorioli</i> -	UHLIG, 1883, p. 212(88) (LT requested)
<i>nicortsmindensis</i> -	ERISTAVI, 1955, p. 61, pl. II, fig. 3 (HT by MT)
<i>picteti</i> -	VON EICHWALD, 1868, p. 1169 (LT requested)
<i>silesiaca</i> -	UHLIG, 1883, p. 210(86), pl. XI, fig. 1a, 1b, 1c, 1d, 1e (LT designated by NIKOLOV, 1964, p. 127) ²⁴⁴
<i>subcylindrica</i> -	D'ORBIGNY, 1850, p. 102, n° 649 ²⁴⁵
<i>wilcoxensis</i> -	IMLAY, 1960, p. 200, pl. 25, fig. 2, 5, 6 (HT by OD)

Anahamulina? crassicosata (KARAKASCH, 1907)

*1907	<i>Hamulina crassicosata</i> - KARAKASCH, p. 150, pl. IV, fig. 8, 14
1910b	<i>Hamulina crassicosata</i> - KILIAN, p. 253
1921	<i>Hamulina crassicosata</i> - GIGNOUX, p. 127
1933	<i>Hamulina crassicosata</i> - KULJINSKAIA-VORONETZ, p. 31, pl. IV, fig. 1
1933	<i>Hamulina</i> aff. <i>crassicosata</i> - KULJINSKAIA-VORONETZ, p. 31, pl. IV, fig. 2
1995	<i>Anahamulina crassicosata</i> - AVRAM, p. 124, pl. 15, fig. 1

Anahamulina davidsoni (MATHERON, 1880)

*1880	<i>Hamulina Davidsoni</i> Coquand, in collect. - MATHERON, C-18, fig. 7
non1902	<i>Hamulina Davidsoni</i> - SARASIN & SCHÖNDELMAYER, p. 163, pl. XXIII, fig. 1, 2, 3, text-fig. 5 (= <i>Hamulina lorioli</i>)
1910b	<i>Hamulina Davidsoni</i> - KILIAN, p. 253
1921	<i>Hamulina Davidsoni</i> - GIGNOUX, p. 127
1938	<i>Hamulina Davidsoni</i> - ROMAN, p. 48
?1951	<i>Hamulina</i> cf. <i>davidsoni</i> - PETKOVIĆ & MARKOVIĆ, p. 35, pl. II, fig. 6
1952	<i>Anahamulina Davidsoni</i> - BREISTROFFER, p. 52
?1961	<i>Hamulina</i> cf. <i>davidsoni</i> - ERISTAVI, p. 83, pl. I, fig. 2
1990	<i>Anahamulina davidsoni</i> - THOMEL, pl. VII, fig. 2

Anahamulina lorioli (UHLIG, 1883)

1868	<i>Ptychoceras Mortoti</i> ²⁴⁶ - WINKLER, p. 20, pl. 3, fig. 5
*1883	<i>Hamites (Hamulina) Lorioli</i> - UHLIG, p. 212(88), pl. XII, fig. 2, 3a, 3b, 3c, 4, 5
1900	<i>Anahamulina Lorioli</i> - HYATT, p. 571, fig. 1188B (=UHLIG, 1883, pl. XII, fig. 3b pars)
1902	<i>Hamulina Davidsoni</i> - SARASIN & SCHÖNDELMAYER, p. 163, pl. XXIII, fig. 1, 2, fig. 3 (=UHLIG, 1883, pl. XII, fig. 2), text-fig. 5

²⁴³ Species based on uninterpretable fragments.

²⁴⁴ Could be in the view of COMPANY (herein) a *Hamulina*.

²⁴⁵ COTTREAU, 1937 found only one bad preserved specimen of *Anahamulina subcylindrica* in the collection of d'Orbigny. He thinks that the figure in D'ORBIGNY, 1852, pl. IV, fig. 4, 5, 6 is drawn after another specimen, that is probably lost. NIKOLOV, 1964 designated this specimen as lectotype. It is unclear if this is a specimen of Escragnolles where the lectotype should come from. In the view of COMPANY (herein) there is no exceptional need to design a neotype (article 75.3. of the ICZN) because this species is well characterized.

²⁴⁶ Lapsus calami for *Ptychoceras Morloti* OOSTER, 1860.

- 1910b *Hamulina Lorioli* - KILIAN, p. 253
 1921 *Hamulina Lorioli* - GIGNOUX, p. 127
 1952 *Anahamulites Lorioli* - BREISTROFFER, p. 52
 1960 *Anahamulina lorioli* - DRUSHCHITS, p. 265, pl. X, fig. 3
 ?1976a *Hamulina* sp. - AVRAM, p. 27, pl. III, fig. 2
 1983 *Hamulina lorioli* - VAŠÍČEK et al., p. 475, pl. 1, fig. 11
 1986 *Anahamulina* cf. *lorioli* - GONZÁLES-ARREOLA & CARRILLO-MARTÍNEZ, p. 174, text-fig. 4
 1987 *Hamulina lorioli* - IMMEL, p. 125, pl. 14, fig. 3 (=WINKLER, 1868, pl. 3, fig. 5)
 1989 *Hamulina lorioli* - VAŠÍČEK, pl. II, fig. 4
 1994 *Hamulina lorioli* - VAŠÍČEK et al., p. 68, pl. 20, fig. 7 (=VAŠÍČEK, 1989, pl. II, fig. 4), fig. 8
 (=VAŠÍČEK et al., 1983, pl. 1, fig. 11)
 1995 *Hamulina lorioli* - VAŠÍČEK, p. 176, pl. 5, fig. 5 (=VAŠÍČEK, 1989, pl. II, fig. 4)
 2004b *Hamulina* cf. *lorioli* - LUKENEDER, pl. 3, fig. 9
 ?2004c *Hamulina lorioli* - LUKENEDER, p. 43, pl. 2, fig. 2
 2006 *Hamulina lorioli* - LUKENEDER & ASPMAIR, p. 60, pl. 7, fig. 2

***Anahamulina nicortsmindensis* (ERISTAVI, 1955)**

- *1955 *Hamulina hamus* v. *nicortsmindensis* - ERISTAVI, p. 61, pl. II, fig. 3 (HT by MT)
 1997 *Anahamulina nicortsmindensis* - IMMEL et al., p. 176, pl. 8, fig. 4

***Anahamulina picteti* (VON EICHWALD, 1868)**

- *1868 *Hamulina Picteti* - VON EICHWALD, p. 1169, pl. XXXVII, fig. 2a, 2b, 2c
 1907 *Hamulina Picteti* - KARAKASCH, p. 146, pl. IV, fig. 6a, 6b, 12, pl. XXVI, fig. 8, pl. XXVII, fig. 9
 1910b *Hamulina Picteti* - KILIAN, p. 253
 1921 *Hamulina Picteti* - GIGNOUX, p. 130
 ?1960 *Anahamulina picteti* - DRUSHCHITS, p. 264, pl. IX, fig. 9, 10
 non1964 *Anahamulina picteti* - NIKOLOV, p. 127, pl. IV, fig. 5, pl. V, fig. 3 (=Heteroceras emeric)
 non1967 *Anahamulina picteti* - DIMITROVA, p. 81, pl. XL, fig. 3 (=NIKOLOV, 1964, pl. V, fig. 3)

***Anahamulina silesiaca* (UHLIG, 1883)**

- *1883 *Hamites (Hamulina) Silesiacus* - UHLIG, p. 210(86), pl. XI, fig. 1a, 1b, 1c, 1d, 1e
 1910b *Hamulina Silesiaca* - KILIAN, p. 253
 1933 *Hamulina silesiaca* - KULJINSKAIA-VORONETZ, p. 28
 1960 *Anahamulina silesiaca* - DRUSHCHITS, p. 264, pl. X, fig. 4a, 4b, 4c
 non1964 *Anahamulina silesiaca* - NIKOLOV, p. 127, pl. IV, fig. 4 (=Heteroceras emeric)
 non1967 *Anahamulina silesiaca* - DIMITROVA, p. 81, pl. XL, fig. 4 (=NIKOLOV, 1964, pl. IV, fig. 4)
 (=Heteroceras emeric)
 ?1995 ? *Anahamulina* cf. *silesiaca* - AVRAM, p. 124, pl. 14, fig. 15, 16
 1996 *Hamulina silesiaca* - WRIGHT et al., p. 231, fig. 181: 4c (=UHLIG, 1883, pl. XI, fig. 1e)

***Anahamulina subcylindrica* (D'ORBIGNY, 1850)**

- *1850 *Hamulina subcylindrica* - D'ORBIGNY, p. 102, n° 649
 1852 *Hamulina subcylindrica* - GIEBEL, p. 314
 1852 *Hamulina subcylindrica* - D'ORBIGNY, p. 220, pl. IV, fig. 4, 5, 6
 1861 *Hamulina subcylindrica* - PICTET & CAMPICHE, p. 104
 1858 *Hamulina subcylindrica* - PICTET & DE LORIOI, p. 33, pl. VII, fig. 5
 1883 *Hamulina subcylindricus* - UHLIG, p. 212(88), pl. XII, fig. 1a, 1b, 1c
 1883 *Hamites* aff. *subcylindricus* - UHLIG, p. 213(89)
 1896 *Hamulina subcylindrica* - KILIAN, p. 740
 1900 *Anahamulina subcylindrica* - HYATT, p. 571, fig. 1188A (=UHLIG, 1883, pl. XII, fig. 1a)

- 1902 *Hamulina subcylindrica* - SARASIN & SCHÖNDELMAYER, p. 160, pl. XXII, fig. 4
 ?1907 *Hamulina* cfr. *subcylindrica* - KARAKASCH, p. 147, pl. XXV, fig. 8, 13
 ?1914 *Hamulina* sp. ind. - ZWIERZYCKI, p. 80, pl. X, fig. 3
 1910b *Hamulina (Anahamulina) subcylindrica* - KILIAN, p. 253
 1921 *Hamulina subcylindrica* - GIGNOUX, p. 128
 1933 *Hamulina* cf. *subcylindrica* - KULJINSKAIA-VORONETZ, p. 29, pl. III, fig. 9, 15
 ?1937 *Hamulina subcylindrica* - COTTREAU, p. 71, pl. LXXX, fig. 2
 1938 *Hamulina subcylindrica* - ROMAN, p. 48
 1947 *Hamulina* cfr. *subcylindrica* - MATSUMOTO, p. 14, fig. 5
 1949 *Hamulina subcylindrica* - VIALLI, p. 55, fig. 18
 ?1951 *Hamulina subcylindrica* - PETKOVIĆ & MARKOVIĆ, p. 34, pl. V, fig. 7
 1952 *Anahamulina «subcylindrica»* - BREISTROFFER, p. 52
 1957 *Anahamulina subcylindrica* - ARKELL et al., p. L215, fig. 242: 3a, 3b, 3c (=UHLIG, 1883, pl. XII, fig. 1a, 1b, 1c)
 1958 *Hamulina subcylindrica* - KOTETISHVILI, p. 25, pl. III, fig. 1
 1958 *Hamulina* ex gr. *subcylindrica* - KOTETISHVILI, p. 26, pl. III, fig. 2
 1960 *Anahamulina subcylindrica* - DRUSHCHITS, p. 264, pl. X, fig. 2a, 2b
 non1964 *Anahamulina subcylindrica* - NIKOLOV, p. 126, pl. IV, fig. 6, pl. V, fig. 1, 2 (=Heteroceras baylei)
 ?1966 *Anahamulina subcylindrica* - BRESKOVSKI, p. 82, pl. IV, fig. 1
 1966 *Anahamulina subcylindrica* - LINARES & VERA, p. 69, pl. VIII, fig. 3
 ?1967 *Anahamulina subcylindrica* - DIMITROVA, p. 80, pl. XXXVIII, fig. 1
 1976 *Anahamulina* cf. *subcylindrica* - OBATA & OGAWA, p. 104, pl. 4, fig. 9a, 9b, 10
 1976 *Anahamulina* aff. *subcylindrica* - OBATA et al., p. 134, pl. 2, fig. 2a, 2b, text-fig. 6: 2a, 2b
 1980 *Ptychoceras emericianum* - THOMEL, p. 57, fig. 97
 1990 *Anahamulina subcylindrica* - THOMEL, pl. VII, fig. 4
 1994a *Anahamulina subcylindrica* - VAŠIČEK et al., p. 67, pl. 20, fig. 4
 1995 *Anahamulina subcylindrica* - COMPANY et al., fig. 7c
 1995 *Anahamulina* cf. *subcylindrica* - AVRAM, p. 124, 125, pl. 14, fig. 13, 14
 1995 *Anahamulina subcylindrica* - HOEDEMAEKER, p. 240, pl. 8, fig. 4
 1996 *Anahamulina subcylindrica* - WRIGHT et al., p. 231, fig. 181: 1a, 1b, 1c (=UHLIG, 1883, pl. XII, fig. 1b, 1a, 1c)
 1997 *Anahamulina subcylindrica* - PEZZONI et al., pl. 6, fig. 1
 2000 *Anahamulina subcylindrica* - VAŠIČEK & FAUPL, p. 609, pl. VI, fig. 9
 ?2003 *Hamulina* sp. - BUSNARDO et al., p. 86, pl. XI, fig. 3, pl. XXX, fig. 4
 2003 *Anahamulina subcylindrica* - COMPANY et al., fig. 6: 9

***Anahamulina wilcoxensis* IMLAY, 1960**

- *1960 *Anahamulina wilcoxensis* - IMLAY, p. 200, pl. 25, fig. 2, 5, 6

***Vasicekina* VERMEULEN, 2005
(2005a, p. 164)**

TYPE SPECIES: *Hamulina paxillosa* UHLIG, 1883, p. 218(94), pl. XIV, fig. 3 (OD).

INCLUDED (SUB)SPECIES:

- | | |
|--------------------|--|
| <i>paxillosa</i> - | UHLIG, 1883, p. 218(94), pl. XIV, fig. 3 (LT designated by VAŠIČEK, 1972, p. 60) |
| <i>subcincta</i> - | UHLIG, 1883, p. 215(91), pl. XII, fig. 9a, 9b, 9c, 9d (HT by MT) |
| <i>uhligi</i> - | KARAKASCH, 1907, p. 148, pl. IV, fig. 9 (HT by MT) |

***Vasicekina paxillosa* (UHLIG, 1883)**

- ?1860 *Baculites Neocomiensis* - OOSTER, pl. 61, fig. 1, 2, 3
 *1883 *Hamites (Hamulina) paxillosus* - UHLIG, p. 218(94), pl. XIV, fig. 3, 5, 6
 1910b *Hamulina paxillosa* - KILIAN, p. 253
 1921 *Hamulina paxillosa* - GIGNOUX, p. 128
 1952 *Anahamulina paxillosa* - BREISTROFFER, p. 51
 1958 *Hamulina paxillosa* - FÜLOP, pl. VIII, fig. 9
 ?1964 *Hamulina paxillosa* - FÜLOP, pl. IX, fig. 9
 1967 *Hamulina paxillosa* - NAGY, p. 66, pl. V, fig. 3, 4
 1972 *Anahamulina cf. paxillosa* - VAŠÍČEK, p. 60, pl. IX, fig. 1
 1972 *Anahamulina paxillosa* - VAŠÍČEK, p. 60, pl. XV, fig. 3 (=UHLIG, 1883, pl. XIV, fig. 3)
 ?1990 *Anahamulina cf. paxillosa* - VAŠÍČEK, p. 101, pl. III, fig. 2
 1995 *Anahamulina aff. paxillosa* - AVRAM, p. 122, 125, pl. 14, fig. 8, ?9

***Vasicekina subcineta* (UHLIG, 1883)**

- *1883 *Hamites (Hamulina) subcinctus* - UHLIG, p. 215(91), pl. XII, fig. 9a, 9b, 9c, 9d
 non1883 *Hamites (Hamulina) aff. subcinctus* - UHLIG, 215(91), pl. XIII, fig. 4, 5 (=Anahamulina uhligi)
 non1898 *Hamites cf. subcinctus* - SIMIONESCU, p. 120(64), pl. I, fig. 11 (=Anahamulina sp.²⁴⁷)
 1900 *Hamulina subcineta* - PAQUIER, p. 557
 1902 *Hamulina subcineta* - SARASIN & SCHÖNDELMAYER, p. 170, pl. XXIV, fig. 2
 ?1907 *Hamulina cfr. subcineta* - KARAKASCH, p. 149, pl. XXV, fig. 14
 1907 *Hamulina sp. (H. Uhligi)* - KARAKASCH, p. 148, pl. IV, fig. 9
 1910b *Hamulina Uhligi* - KILIAN, p. 253
 1910b *Hamulina subcineta* - KILIAN, p. 253
 1921 *Hamulina subcineta* - GIGNOUX, p. 130
 ?1933 *Hamulina cf. subcineta* - KULJINSKAIA-VORONETZ, p. 32, pl. II, fig. 7
 1955 *Hamulina cf. subcineta* - ERISTAVI, p. 61
 1960 *Anahamulina subcineta* - DRUSHCHITS, p. 264, pl. X, fig. 1
 1962 *Hamulina cf. subcineta* - AKOPIAN, p. 202, pl. I, fig. 6a, 6b
 1965a *Anahamulina subcineta* - THOMEL, p. 66, pl. X, fig. 3
 1967 *Hamulina subcineta* - NAGY, p. 65
 1974 *Hamulina cf. subcineta* - AKOPIAN et al., p. 266, pl. 92, fig. 3a, 3b (=AKOPIAN, 1962, pl. I, fig. 6a, 6b), 4
 1975 *Anahamulina aff. subcineta* - GRÄF, p. 109(105), pl. IX, fig. 6
 ?1977 *Anahamulina cf. subcineta* - MYCZYŃSKI, p. 162, pl. 7, fig. 4
 ?1987 *Anahamulina subcineta* - IMMEL, p. 124, pl. 14, fig. 2
 ?1989 *Anahamulina cf. subcineta* - VAŠÍČEK, pl. II, fig. 3
 1995 *Anahamulina sp. aff. A. subcineta* - AVRAM, p. 119, pl. 3, fig. 9
 ?1995 *Anahamulina cf. subcineta* - CECCA et al., pl. 3, fig. 11
 ?1995 *Anahamulina aff. subcineta* - CECCA et al., p. 198, pl. 3, fig. 12
 1999 *Anahamulina cf. subcineta* - PSZCZÓŁKOWSKI & MYCZYŃSKI, p. 71, fig. 11: 2, 12: 2
 non2003 *Anahamulina subcineta* - BUSNARDO et al., p. 86, pl. XXVII, fig. 5 (=Anahamulina nov. sp.)
 ?2005a *Anahamulina cf. subcineta* - LUKENEDER, fig. 6: 16
 2006 *Anahamulina subcineta* - LUKENEDER & ASPMAIR, p. 60, pl. 7, fig. 3, 4

²⁴⁷ *Anahamulina* sp. 1 and ?*Anahamulina* sp. 2 in CECCA et al., 1995, p. 199, pl. 3, fig. 2, 3, 4.

TYPE SPECIES: *Hamulina cincta* D'ORBIGNY, 1852, p. 224, pl. VI, fig. 4, 5, 6 (OD).²⁴⁸

INCLUDED (SUB)SPECIES:

<i>cincta</i> -	D'ORBIGNY, 1852, p. 52, p. 224, pl. VI, fig. 4, 5, 6 (neotype requested)
<i>fumisugium</i> -	UHLIG, 1883, p. 214(90), pl. XIII, fig. 2 (HT by MT) ²⁴⁹
<i>hoheneggeri</i> -	UHLIG, 1883, p. 213(89), pl. XII, fig. 7 (LT designated by VAŠIČEK, 1972, p. 59)
<i>labatii</i> -	CATULLO, 1848, p. 338 (LT requested) (nomen oblitum)
<i>pindulensis</i> -	VAŠIČEK et al., 2004, p. 48, pl. I, fig. 3 (HT by OD)
<i>uhligi</i> -	VAŠIČEK et al., 2004, p. 47 (HT by OD UHLIG, 1883, p. 215(91), pl. XIII, fig. 4)

Amorina cincta (D'ORBIGNY, 1852)

- ?1842 *Ancyloceras cinctus* - D'ORBIGNY, p. 502, pl. 125, fig. 1, 2, 3, 4
 ?1848 *Hamites Labatii* - CATULLO, p. 338, pl. IX, fig. 2
 ?1850 ?*Ancyloceras cinctus* - D'ORBIGNY, p. 101, n° 627
 1850 *Hamulina cincta* - D'ORBIGNY, p. 102, n° 648
 1852 *Hamites cinctus* - GIEBEL, p. 313
 ?1852 *Hamites Labatii* - GIEBEL, p. 315
 *1852 *Hamulina cincta* - D'ORBIGNY, p. 224, pl. VI, fig. 4, 5, 6
 non1860 *Ancyloceras cinctum* - OOSTER, p. 59, pl. 51, fig. 1, 2, 3 (= *Pseudomoutoniceras annulare*)
 1860 *Hamites cinctus* Giebel - OOSTER, p. 74, pl. 58, fig. 1, 2, 3, 4
 1861 *Ancyloceras cinctus* - PICTET & CAMPICHE, p. 52
 1861 *Hamulina cincta* - PICTET & CAMPICHE, p. 104
 ?1861 *Hamites Labatii* - PICTET & CAMPICHE, p. 104
 1900 *Hamulina* sp. gr. de *H. cincta* - PAQUIER, p. 513
 1902 *Hamulina* aff. *cincta* - SARASIN & SCHÖNDELMAYER, p. 168, pl. XXII, fig. 3
 1902 *Ancyloceras cinctum* - SARASIN & SCHÖNDELMAYER, p. 169
 1907 *Hamulina cincta* - KARAKASCH, p. 151, pl. XXV, fig. 6
 1910b *Hamulina cincta* - KILIAN, p. 253
 1910b *Ancyloceras cinctum* - KILIAN, p. 274
 1915 *Ancyloceras cinctum* - KILIAN & REBOUL, p. 74
 1921 *Hamulina cincta* - GIGNOUX, p. 130
 1938 *Hamulina cincta* - ROMAN, p. 48
 1955 *Ancyloceras cinctum* - SARKAR, p. 136
 2003 *Anahamulina cincta* - BUSNARDO et al., p. 86, pl. XXVI, fig. 1
 2006 *Anahamulina cincta* - BUSNARDO in GAUTHIER, p. 149, pl. 18, fig. 3a, 3b

²⁴⁸ There is confusion about *Ancyloceras cinctus* and *Hamulina cincta*. D'ORBIGNY, 1850 has two entrees, n° 627 ?*Ancyloceras cinctus* (from Cheiron) and n° 648 *Hamulina cincta* (from Angles). In D'ORBIGNY, 1852 *Ancyloceras cinctum* and *Hamulina cincta* are regarded as the same specimen. VERMEULEN, 2005a has the opinion that they are distinct and designated *Hamulina cincta* D'ORBIGNY, 1849, p. 224, pl. VI, fig. 4, 5, 6 (must be 1852) from Angles as type species for *Amorina*. BUSNARDO in GAUTHIER, 2006 reports that they could not find the holotype of *Ancyloceras cinctus* D'ORBIGNY, 1842 (from Cheiron) in the Duval collection and regarded two specimens of the d'Orbigny collection as syntypes of which he depicted one. Further research is necessary to clear this case.

²⁴⁹ UHLIG writes on page 214 *fumisuginum*, but this could be a lapsus calami for on page 203, 215 and in the legend of plate XIII *fumisugium* is written.

***Amorina fumisugium* (UHLIG, 1883)**

- ?1860 *Ancyloceras Jourdani* - OOSTER p. 16, pl. 32, fig. 1, 2
*1883 *Hamites (Hamulina) fumisugium* Hohenegger in coll. - UHLIG, p. 214(90), pl. XIII, fig. 2
?1902 *Hamulina fumisuginum* - SARASIN & SCHÖNDELMAYER, p. 167, pl. XXIV, fig. 1
(=OOSTER, 1860, pl. 32, fig. 1)
1910b *Hamulina fumisugium* - KILIAN, p. 253
1921 *Hamulina fumisugium* - GIGNOUX, p. 130
?1951 *Hamulina fumisuginum* - PETKOVIĆ & MARKOVIĆ, p. 33, pl. V, fig. 6
?1951 *Hamulina* spec. cfr. *fumisuginum* - PETKOVIĆ & MARKOVIĆ, p. 34
?1984 *Anahamulina* n. sp. - AVRAM & KUSKO, p. 12, pl. II, fig. 1
?1995 *Anahamulina* aff. *fumisuginum* - CECCA et al., pl. 3, fig. 9, 10

***Amorina hoheneggeri* (UHLIG, 1883)**

- *1883 *Hamites (Hamulina) Hoheneggeri* - UHLIG, p. 213(89), pl. XII, fig. 7, non fig. 8 (=Auritina aurita uhligi)
?1907 *Hamulina Hoheneggeri* - KARAKASCH, p. 154, pl. XXVIII, fig. 11
1921 *Hamulina Hoheneggeri* - GIGNOUX, p. 130
1967 *Hamulina* cf. *hoheneggeri* - NAGY, p. 65
1972 *Anahamulina hoheneggeri* - VAŠÍČEK, p. 59, pl. VIII, fig. 4, pl. X, fig. 7
non1984 *Anahamulina* aff. *hoheneggeri* - AVRAM & KUSKO, p. 12, pl. I, fig. 9 (=Anahamulina sp.)
1990 *Anahamulina hoheneggeri* - VAŠÍČEK, p. 101, pl. II, fig. 1
1994 *Anahamulina hoheneggeri* - VAŠÍČEK et al., pl. 16, fig. 4 (=VAŠÍČEK, 1990, pl. II, fig. 1)
2002 *Anahamulina hoheneggeri* - SKUPIEN & VAŠÍČEK, fig. 7: 2 (=VAŠÍČEK, 1990, pl. II, fig. 1)

***Amorina pindulensis* (VAŠÍČEK et al., 2004)**

- *2004 *Anahamulina pindulensis* - VAŠÍČEK et al., p. 48, pl. I, fig. 3

***Amorina uhligi* VAŠÍČEK et al., 2004**

- 1883 *Hamites (Hamulina) aff. subcinctus* - UHLIG, p. 215(91), pl. XIII, fig. 4, 5
*2004 *Anahamulina uhligi* - VAŠÍČEK et al., p. 47, pl. I, fig. 2

***Ptychohamulina* VERMEULEN, 2005
(2005a, p. 164)**

TYPE SPECIES: *Hamites (Hamulina) ptychoceroides* UHLIG, 1883, p. 218(94), pl. XIV, fig. 2 (OD).

INCLUDED (SUB)SPECIES:

<i>acuaria</i> -	UHLIG, 1883, p. 217(93), pl. XVI, fig. 4 (HT by MT)
<i>poni</i> -	SIMIONESCU, 1898, p. 121(65), pl. I, fig. 12 (HT by MT)
<i>ptychoceroides</i> -	UHLIG, 1883, p. 218(94), pl. XIV, fig. 2 (LT designated by VAŠÍČEK, 1973, p. 59)

***Ptychohamulina acuaria* (UHLIG, 1883)**

- *1883 *Hamites (Hamulina) acuarius* - UHLIG, p. 217(93), pl. XIV, fig. 4
1898 *Hamites* cf. *acuarius* - SIMIONESCU, p. 120(64)
1921 *Hamulina acuaria* - GIGNOUX, p. 128
?1964 *Hamulina ptychoceroides* - FÜLOP, pl. XVI, fig. 8
1973 *Anahamulina acuaria* - VAŠÍČEK, p. 60, pl. III, fig. 4 (=UHLIG, 1883, pl. XIV, fig. 4)

***Ptychohamulina poni* (SIMIONESCU, 1898)**

- *1898 *Hamites (Ptychoceras) Poni* - SIMIONESCU, p. 121(65), pl. I, fig. 12
1952 *Euptychoceras Poni* - BREISTROFFER, p. 51
?2000 *Ptychoceras poni* - LANDRA et al., p. 40, pl. 2, fig. 5a, 5b, 5c

***Ptychohamulina ptychoceroides* (UHLIG, 1883)**

- *1883 *Hamites (Hamulina) ptychoceroides* Hohenegger in coll. - UHLIG, p. 218(94), pl. XIV, fig. 2
1889b *Hamulina ptychoceroide* - KILIAN, p. 229
1896 *Hamulina ptychoceroides* - KILIAN, p. 740
1910b *Hamulina ptychoceroides* - KILIAN, p. 253
1921 *Hamulina ptychoceroides* - GIGNOUX, p. 128
1952 *Anahamulina ptychoceroides* - BREISTROFFER, p. 51
non1964 *Hamulina ptychoceroides* - FÜLOP, pl. XVI, fig. 8 (= ?*Ptychohamulina acuaria*)
1969 "*Ptychoceras*" *poni* - PATRULIUS, pl. VI, fig. 7 (=SIMIONESCU, 1898, pl. I, fig. 12)
1973 *Anahamulina ptychoceroides* - VAŠÍČEK, p. 59, pl. III, fig. 3 (=UHLIG, 1883, pl. XIV, fig. 2)
1977 *Anahamulina* aff. *ptychoceroides* - RIEBER, p. 781, pl. 1, fig. 9, ?fig. 8, text-fig. 3, 4, 5
1995 *Anahamulina* aff. *ptychoceroides* - CECCA et al., p. 194, 202, pl. 3, fig. 5, 6
2004 *Anahamulina ptychoceroides* - VAŠÍČEK et al., p. 47, pl. II, fig. 3, 4

***Duyeina* VERMEULEN, 2005**
(2005a, p. 164)

TYPE SPECIES: *Anahamulina glemmbachensis* IMMEL, 1987, p. 124, pl. 14, fig. 1 (OD).

INCLUDED (SUB)SPECIES:

- | | |
|------------------------|--|
| <i>?boutini</i> - | MATHERON, 1880, pl. C-18, fig. 6a, 6b, 6c (HT by MT) |
| <i>glembachensis</i> - | IMMEL, 1987, p. 124, pl. 14, fig. 1 (HT by OD) |
| <i>kleini</i> - | VERMEULEN, 2005b, p. 3, pl. 1, fig. 1 (HT by OD) |
| <i>?pachycostata</i> - | BUSNARDO et al., 2003, p. 82, pl. XX, fig. 2 (HT by OD) ²⁵⁰ |

***Duyeina? boutini* (MATHERON, 1880)**

- ?1837 *Hamites parallelus*, non décrit. - DUBOIS DE MONTPÉREUX, p. 385
?1860 *Hamites hamus* - OOSTER, pl. 57, fig. 2, 3, 4
1868 *Hamites parallelus* - VON EICHWALD, p. 1167
*1880 *Hamulina Boutini* Coquand, in collect. - MATHERON, pl. C-18, fig. 6a, 6b, 6c
?1906 *Hamulina Boutini* - AGUILERA, in table
1907 *Hamulina* cfr. *Boutini* - KARAKASCH, p. 150, pl. XXV, fig. 15
1910b *Hamulina Boutini* - KILIAN, p. 253
1921 *Hamulina Boutini* - GIGNOUX, p. 129
1964 *Hamulina* cfr. *boutini* - FÜLOP, pl. IX, fig. 11
1989 *Hamulina (Anahamulina)* cf. *boutini* - CONTE, p. 36, fig. 6 on p. 37
1995 *Anahamulina boutini* - AVRAM, p. 125, pl. 14, fig. 10, 11
non1995 *Anahamulina boutini* - CECCA et al., p. 198, pl. 3, fig. 7
1995 *Anahamulina boutini* - HOEDEMAEKER, p. 241, pl. 8, fig. 5

²⁵⁰ This species is based on a fragment. It is in the view of VAŠÍČEK (herein) too robust for a *Hamulinites*. In the view of VERMEULEN (herein) it is probably a member of the Heteroceratidae, not of the Hamulinidae or Leptoceratoidae.

- ?2003 *Anahamulina* sp. aff. *A. boutini* - VAŠÍČEK & HOEDEMAEKER, p. 23, pl. 3, fig. 8
 2005b *Duyeina boutini* - VERMEULEN, p. 3

***Duyeina glemmbachensis* (IMMEL, 1987)**

- *1987 *Anahamulina glemmbachensis* - IMMEL, p. 124, pl. 14, fig. 1
 1994 *Anahamulina* cf. *glembachensis* - VAŠÍČEK et al., p. 67, pl. 20, fig. 6
 non1995 *Anahamulina* cf. *glembachensis* - CECCA et al., p. 198, pl. 3, fig. 9 (= ?*Duyeina kleini*)
 ?1997 "*Anahamulina* " *glembachensis* - AGUADO et al., p. 214, fig. 6C (= ?*Heteroceras* sp.)
 2005b *Duyeina glemmbachensis* - VERMEULEN, p. 3

***Duyeina kleini* VERMEULEN, 2005**

- ?1995 *Anahamulina* cf. *glembachensis* - CECCA et al., p. 198, pl. 3, fig. 9
 *2005b *Duyeina kleini* - VERMEULEN, p. 3, pl. 1, fig. 1

***Duyeina? pachycostata* BUSNARDO, 2003**

- *2003 *Hamulinites pachycostatus* - BUSNARDO et al., p. 82, pl. XX, fig. 2

***Terrestrina* VERMEULEN, 2006
 (2006, p. 166)**

TYPE SPECIES: *Hamites (Hamulina) Quenstedti* UHLIG, 1883, p. 219(92), pl. XIII, fig. 3 (OD).
 INCLUDED (SUB)SPECIES:

- beskydensis* - VAŠÍČEK, 1972, p. 62, pl. VIII, fig. 1, text-fig. 10 (HT by OD)
?hamus - VON QUENSTEDT, 1848, p. 287 (LT requested)
quenstedti - UHLIG, 1883, p. 216(92), pl. XIII, fig. 3 (HT by MT)

***Terrestrina beskydensis* (VAŠÍČEK, 1972)**

- *1972 *Anahamulina beskydensis* - VAŠÍČEK, p. 62, pl. VIII, fig. 1, text-fig. 10

***Terrestrina? hamus* (VON QUENSTEDT, 1848)**

- *1848 *Hamites hamus* - VON QUENSTEDT, p. 287, pl. 21, fig. 3a, 3b, 3c, 4a, 4b
 1850 *Hamulina hamus* - D'ORBIGNY, p. 102, n° 650
 1852 *Hamulina Hamus* - D'ORBIGNY, p. 227
 non1860 *Hamites hamus* - OOSTER, p. 73, pl. 57, fig. 2, 3, 4 (= ?*Duyeina boutini*)
 1861 *Hamulina hamus* - PICTET & CAMPICHE, p. 105
 ?1885 *Hamites hamus* - VON QUENSTEDT, p. 585, pl. 45, fig. 26
 1889 *Hamulina hamus* - HAUG, p. 199(7)
 1902 *Hamulina hamus* - SARASIN & SCHÖNDELMAYER, p. 162
 1910b *Hamulina hamus* - KILIAN, p. 253
 1921 *Hamulina hamus* - GIGNOUX, p. 128
 ?1935 *Hamulina* cf. *hamus* - STAHLCKER, p. 273, pl. XII, fig. 1
 1938 *Hamulina hamus* - ROMAN, p. 48
 1952 *Anahamulina hamus* - BREISTROFFER, p. 52

***Terrestrina quenstedti* (UHLIG, 1883)**

- ?1860 *Hamites hamus* - OOSTER, p. 73, pl. 57, fig. 1

- *1883 *Hamites (Hamulina) Quenstedti* - UHLIG, p. 216(92), pl. XIII, fig. 3
 non1902 *Hamulina Quenstedti* - SARASIN & SCHÖNDELMAYER, p. 165, pl. XXIII, fig. 6
 (= ?*Paraspinoceras* sp.)
 ?1907 *Hamulina Quenstedti* - PERVINQUIÈRE, p. 88, pl. IV, fig. 4
 1910b *Hamulina Quenstedti* - KILIAN, p. 253
 non1914 *Hamulina* cfr. *Quenstedti* - ZWIERZYCKI, p. 79, pl. X, fig. 1 (= *Anahamulina botevensis*)
 1921 *Hamulina Quenstedti* - GIGNOUX, p. 128
 1952 *Anahamulina Quenstedti* - BREISTROFFER, p. 51
 1995 *Anahamulina quenstedti* - HOEDEMAEKER, p. 240, pl. 8, fig. 6

***Leptohamulina* VERMEULEN, 2006**

(2006, p. 167)

TYPE SPECIES: *Anahamulina distans* UHLIG, 1883, p. 217(93), pl. XIII, fig. 7 (OD).

INCLUDED (SUB)SPECIES:

- distans* - UHLIG, 1883, p. 217(93), pl. XIII, fig. 7 (LT designated
 by VAŠÍČEK, 1972, p. 61)
rothi - VAŠÍČEK, 1972, p. 63, pl. VIII, fig. 2 (HT by OD)

***Leptohamulina distans* (UHLIG, 1883)**

- 1860 *Ancyloceras Heeri* - OOSTER, pl. 38, fig. 4
 *1883 *Hamites (Hamulina)* n. f. ind. ?*distans* Hohenegger - UHLIG, p. 217, pl. XIII, fig. 7
 1896 *Hamulina distans* - KILIAN, p. 740
 1902 *Crioceras Heeri* - SARASIN & SCHÖNDELMAYER, pl. XX, fig. 3 (=OOSTER, 1860, pl. 38,
 fig. 4)
 1910b *Hamulina distans* - KILIAN, p. 253
 1921 *Hamulina distans* - GIGNOUX, p. 129
 1972 *Anahamulina distans* - VAŠÍČEK, p. 61, pl. IX, fig. 3, 4, pl. XV, fig. 4 (=UHLIG, 1883, pl.
 XIII, fig. 7)
 ?1977 *Anahamulina* cf. *distans* - MYCZYŃSKI, p. 163, pl. 6, fig. 8
 1981 *Anahamulina* sp. ex aff. *distans* - NAGY, p. 72, pl. II, fig. 4
 1983 *Anahamulina distans* - MENČÍK et al., pl. XL, fig. 4
 ?1989 *Hamulina* ? sp. - CONTE, p. 36, text-fig. 5 on p. 37
 1990 *Anahamulina* aff. *distans* - THOMEL, pl. VII, fig. 3
 1994 *Anahamulina distans* - VAŠÍČEK & WIEDMANN, text-fig. 4
 1995 *Anahamulina distans* - AVRAM, p. 125, pl. 14, fig. 12
 2002 *Anahamulina distans* - SKUPIEN & VAŠÍČEK, fig. 7: 6 (=MENČÍK et al., 1983, pl. XL, fig.
 4)
 2003 *Anahamulina* ex gr. *distans* - FAUPL, SKUPIEN & VAŠÍČEK, p. 9, pl. 1, fig. 1

***Leptohamulina rothi* (VAŠÍČEK, 1972)**

- *1972 *Anahamulina rothi* - VAŠÍČEK, p. 63, pl. VIII, fig. 2
 1995 ? *Anahamulina* sp. aff. *A. rothi* - AVRAM, p. 123, pl. 15, fig. 2

***Acanthoptychoceras* MANOLOV, 1962²⁵¹ (1962a, p. 529)**

²⁵¹ VAŠÍČEK (herein) remarks that depending on the nature of the younger part of the proversum, *Acanthoptychoceras* could be a member of the family Hamulinidae.

TYPE SPECIES: *Acanthoptychoceras spinatocostatum* MANOLOV, 1962a, p. 530, pl. 74, fig. 1, pl. 75, fig. 1, pl. 76, fig. 1 (OD).

INCLUDED (SUB)SPECIES:

<i>alpinum</i> -	D'ORBIGNY, 1850, p. 102, n° 648' (LT requested)
<i>?koeneni</i> -	DIMITROVA, 1967, p. 84, pl. XLI, fig. 1 (HT by OD)
<i>spinatocostatum</i> -	MANOLOV, 1962a, p. 530, pl. 74, fig. 1, pl. 75, fig. 1, pl. 76, fig. 1 (HT by OD)
<i>?trumpyi</i> -	KAKABADZE & THIEULOY, 1991, p. 87, pl. 2, fig. 3, 4 (HT by OD)

***Acanthoptychoceras alpinum* D'ORBIGNY, 1850**

*1850	<i>Hamulina Alpina</i> - D'ORBIGNY, p. 102, n° 648'
1852	<i>Hamites alpinus</i> - GIEBEL, p. 305
1852	<i>Hamulina Alpina</i> - D'ORBIGNY, p. 218, pl. V, fig. 1, 2, 3 (reconstruction)
1861	<i>Hamulina alpina</i> - PICTET & CAMPICHE, p. 104
1910b	<i>Hamulina Alpina</i> - KILIAN, p. 253
1921	<i>Hamulina alpina</i> - GIGNOUX, p. 126
1937	<i>Hamulina Alpina</i> - COTTREAU, p. 70, pl. LXXIX, fig. 15 (=D'ORBIGNY, 1852, pl. V, fig. 1), non pl. LXXX, fig. 1
non1965a	<i>Hamulina alpina</i> - THOMEL, p. 67, pl. XII, fig. 4
?1990	<i>Hamulina</i> cf. <i>alpina</i> - VAŠÍČEK, p. 102, pl. III, fig. 1
?1995	<i>Hamulina</i> cf. <i>alpina</i> - AVRAM, p. 119, pl. 4, fig. 4

***Acanthoptychoceras? koeneni* (DIMITROVA, 1967)**

*1967	<i>Hamulina koeneni</i> - DIMITROVA, p. 84, pl. XLI, fig. 1
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***Acanthoptychoceras spinatocostatum* MANOLOV, 1962**

*1962a	<i>Acanthoptychoceras spinatocostatum</i> - MANOLOV, p. 530, pl. 74, fig. 1, pl. 75, fig. 1, pl. 76, fig. 1, text-fig. 2
1967	<i>Hamulina mojsisovicsi</i> - DIMITROVA, p. 82, pl. XLII, fig. 1 (=MANOLOV, 1962a, pl. 74, fig. 1)
1972	<i>Acanthoptychoceras</i> aff. <i>spinatocostatum</i> - VAŠÍČEK, p. 51, pl. V, fig. 2, pl. VI, fig. 3
1996	<i>Acanthoptychoceras spinatocostatum</i> - WRIGHT et al., p. 216

***Acanthoptychoceras? trumpyi* KAKABADZE & THIEULOY, 1991**

*1991	<i>Acanthoptychoceras trumpyi</i> (Breistroffer in coll.) - KAKABADZE & THIEULOY, p. 87, pl. 2, fig. 3, 4, 5, 6, 7, text-fig. 7a, 7b, 7c, 7d
2000a	<i>Acanthoptychoceras trumpyi</i> - PATARROYO, p. 791
2000b	<i>Acanthoptychoceras trumpyi</i> - PATARROYO, p. 152

***Auritina* EGOIAN, 1989 (1989, p. 139)**

TYPE SPECIES: *Auritina aurita aurita* EGOIAN, 1989, p. 140, pl. XII, fig. 1a, 1b, 1r (OD).

INCLUDED (SUB)SPECIES:

<i>aurita aurita</i> -	EGOIAN, 1989, p. 140, pl. XII, fig. 1a, 1b, 1r (HT by OD).
<i>aurita obliqua</i> -	EGOIAN, 1989, p. 142, pl. XII, fig. 2a, 2b (HT by OD).

aurita uhligi -

EGOIAN, 1989, p. 143 (HT by OD UHLIG, 1883, p. 213,
pl. XII, fig. 8)

?*suttneri* -

UHLIG, 1883, p. 214(90) (LT requested)

Auritina aurita aurita EGOIAN, 1989

*1989 *Auritina aurita* - EGOIAN, p. 140, pl. XII, fig. 1a, 1b, 1c

Auritina aurita obliqua EGOIAN, 1989

*1989 *Auritina aurita obliqua* - EGOIAN, p. 142, pl. XII, fig. 2a, 2b

Auritina aurita uhligi EGOIAN, 1989

1883 *Hamites (Hamulina) Hoheneggeri* - UHLIG, p. 213, pl. XII, fig. 8

*1989 *Auritina aurita uhligi* - EGOIAN, p. 143, pl. XII, fig. 3

Auritina? suttneri (UHLIG, 1883)

1860 *Ptychoceras Morloti* - OOSTER, pl. 60, fig. 2

*1883 *Hamites (Hamulina) Suttneri* - UHLIG, p. 214(90), pl. XII, fig. 6

1902 *Hamulina Suttneri* - SARASIN & SCHÖNDELMAYER, p. 170, pl. XXIII, fig. 7 (=OOSTER,
1860, pl. 60, fig. 2)

1910b *Hamulina Suttneri* - KILIAN, p. 253

1921 *Hamulina Suttneri* - GIGNOUX, p. 130

?1971 *Hamulina cf. suttneri* - TURCULET, p. 113, pl. XXXII, fig. 7

Megacrioceras DELANOY, AUTRAN & THOMEL, 1987
(1987, p. 312)

=? **Garroniceras** VERMEULEN, 1990, p. 100. TYPE SPECIES: *Ancyloceras Seringei* ASTIER, 1851, p. 455, pl. XXII, fig. 16 (OD) (nomen nudum).²⁵²

TYPE SPECIES: *Ancyloceras Doublieri* JAUBERT, 1856, p. 328, pl. VI (OD).

INCLUDED (SUB)SPECIES:

<i>astierianum</i> -	D'ORBIGNY, 1850, p. 66, n° 65 (HT by MT COTTREAU, 1934, p. 7, pl. LXX, fig. 8, 9)
<i>doublieri</i> -	JAUBERT, 1856, p. 328, pl. VI (HT by MT)
<i>picteti</i> -	OOSTER, 1860, p. 57 (LT requested) ²⁵³
? <i>pictetiforme</i> -	BUSNARDO, 2003, p. 84, pl. X, fig. 1, 2 (HT by OD)
<i>seringei</i> -	ASTIER, 1851, p. 455, pl. XXII, fig. 16 (HT by MT)
<i>seringei multicostatum</i> -	SARKAR, 1955, p. 114, pl. V, fig. 16 (HT by MT)

Megacrioceras astierianum (D'ORBIGNY, 1850)

*1850	<i>Toxoceras Astierianus</i> - D'ORBIGNY, p. 66, n° 65
1852	<i>Toxoceras astierianum</i> - GIEBEL, p. 291
1861	<i>Toxoceras Astierianus</i> - PICTET & CAMPICHE, p. 54
1910b	<i>Toxoceras Astierianum</i> - KILIAN, p. 247
1934	<i>Toxoceras Astierianus</i> - COTTREAU, p. 51, pl. LXX, fig. 8, 9
1955	« <i>Toxoceras</i> » <i>astierianus</i> - SARKAR, p. 113
1995	<i>Crioceratites</i> ? aff. <i>astierianus</i> - AVRAM, p. 117, pl. 8, fig. 1

Megacrioceras doublieri (JAUBERT, 1856)

*1856	<i>Ancyloceras Doublieri</i> - JAUBERT, p. 328, pl. VI
1860	<i>Ancyloceras Sablieri</i> - OOSTER, pl. 43, fig. 1
1900	<i>Crioceras Doublieri</i> - SIMIONESCU, p. 517
1902	<i>Crioceras Seringei</i> - SARASIN & SCHÖNDELMAYER, p. 140, pl. XIX, fig. 3, ?pl. XX, fig. 1
1955	<i>Paraspinoceras</i> ? <i>doublieri</i> - SARKAR, p. 125
1987	<i>Megacrioceras doublieri</i> - DELANOY et al., p. 312, pl. 1, fig. 1 (=JAUBERT, 1856, pl. VI), fig. 2, 3, 4
1996	<i>Megacrioceras doublieri</i> - WRIGHT et al., p. 214
1999	<i>Megacrioceras</i> cf. <i>doublieri</i> - VAŠÍČEK, p. 218, pl. 2 fig. 1
2000	<i>Megacrioceras</i> cf. <i>doublieri</i> - VAŠÍČEK & FAUPL, p. 603, pl. V, fig. 1 (=VAŠÍČEK, 1999, pl. 2 fig. 1), fig. 2

Megacrioceras picteti (OOSTER, 1860)

*1860	<i>Ancyloceras Picteti</i> - OOSTER, p. 57, pl. 50, fig. 1, 2, 3, 4, 5, 6
1900	<i>Ancyloceras Picteti</i> - SIMIONESCU, p. 513

²⁵² Does not fulfil the requirements of ICZN article 9.9. (not a published work) and 13.1.1. (no differentia of the new taxon).

²⁵³ DIMITROVA, 1967, p. 54 designated SARASIN & SCHÖNDELMAYER, 1902, pl. XVI, fig. 2 as the type of *Acrioceras* (*Garroniceras*) *picteti*. This is an invalid designation because this specimen is not one of the syntypes of OOSTER: it comes from the PICTET collection. BUSNARDO, 2003, p. 77 mentioned this specimen as holotype.

- 1902 *Crioceras Picteti* - SARASIN & SCHÖNDELMAYER, p. 131, pl. XVI, fig. 1, 2, text-fig. 3
 1910b *Crioceras Picteti* - KILIAN, p. 272
 1955 *Acrioceras picteti* - SARKAR, p. 112
 ?1955 *Acrioceras cf. picteti* - SARKAR, p. 113, pl. VIII, fig. 11
 1956 *Ancyloceras picteti* - ANDELKOVIČ, p. 146
 1958 *Crioceratites picteti* - KOTETISHVILI, p. 29, pl. IV, fig. 3
 ?1967 *Acrioceras picteti* - DIMITROVA, p. 54, pl. XX, fig. 3
 1988 *Acrioceras (Acrioceras) seringei* - VAŠÍČEK & MICHALÍK, p. 664, pl. I, fig. 5, pl. II, fig. 3, 4
 1989 *Acrioceras (Acrioceras) seringei* - MICHALÍK & VAŠÍČEK, p. 516, pl. 1, fig. 2 (=VAŠÍČEK & MICHALÍK, 1988, pl. I, fig. 5)
 1989 *Acrioceras (Acrioceras) seringei* - VAŠÍČEK, p. 118, pl. II, fig. 2 (=VAŠÍČEK & MICHALÍK, 1988, pl. I, fig. 5)
 1999 *Acrioceras (Garroniceras) picteti* - VAŠÍČEK, p. 218, pl. 2, fig. 4, 5, text-fig. 2
 2000 *Acrioceras (Garroniceras) picteti* - VAŠÍČEK & FAUPL, p. 605, pl. IV, fig. 5, 6, text-fig. 3 (=VAŠÍČEK, 1999, pl. 2, fig. 4, 5, text-fig. 2)
 2003 *Acrioceras picteti* - BUSNARDO et al., p. 77, pl. X, fig. 5 (=OOSTER, 1860, pl. 50, fig. 6), pl. XI, fig. 4 (=SARASIN & SCHÖNDELMAYER, 1902, pl. XVI, fig. 2)

***Megacrioceras? pictetiforme* (BUSNARDO, 2003)**

- ?1995 *Anahamulina «jourdani»* (Ooster, non Astier) - HOEDEMAEKER, p. 241, pl. 8, fig. 1, 2, 3a, 3b
 *2003 *Hamulina pictetiformis* - BUSNARDO et al., p. 84, pl. X, fig. 1, 2, 4, ?pl. XI, fig. 2
 ?2003 *Hamulina* sp. - BUSNARDO et al., p. 86, pl. VIII, fig. 3

***Megacrioceras seringei* (ASTIER, 1851)**

- *1851 *Ancyloceras Seringei* - ASTIER, p. 455, pl. XXII, fig. 16
 1860 *Ancyloceras Seringei* - OOSTER, p. 16, pl. 32, fig. 4 (=ASTIER, 1851, pl. XXII, fig. 16)
 1861 *Ancyloceras Seringei* - PICTET & CAMPICHE, p. 44
 1900 *Crioceras Seringei* - SIMIONESCU, p. 519
 ?1902 *Crioceras Seringei* - SARASIN & SCHÖNDELMAYER, p. 140, pl. XIX, fig. 3, pl. XX, fig. 1
 1910b *Crioceras Seringei* - KILIAN, p. 272
 1955 *Acrioceras seringei* - SARKAR, p. 113, pl. X, fig. 13
 1987 *Ancyloceras seringei* - DELANOY, AUTRAN & THOMEL, p. 313, pl. 1, fig. 5 (=ASTIER, 1851, pl. XXII, fig. 16)
 non1988 *Acrioceras (Acrioceras) seringei* - VAŠÍČEK & MICHALÍK, p. 664, pl. I, fig. 5, pl. II, fig. 3, 4 (=Acrioceras (Garroniceras) picteti)
 non1989 *Acrioceras (Acrioceras) seringei* - MICHALÍK & VAŠÍČEK, p. 516, pl. 1, fig. 2 (=VAŠÍČEK & MICHALÍK, 1988, pl. I, fig. 5) (=Acrioceras (Garroniceras) picteti)
 1989 *Acrioceras seringei* - AUTRAN, pl. 13, fig. 10
 non1989 *Acrioceras (Acrioceras) seringei* - VAŠÍČEK, p. 118, pl. II, fig. 2 (=VAŠÍČEK & MICHALÍK, 1988, pl. I, fig. 5)
 1993 *Acrioceras seringei* - AUTRAN, pl. 13, fig. 10 (=AUTRAN, 1989, pl. 13, fig. 10)
 1995 *Acrioceras seringei* - AVRAM, p. 119, pl. 4, fig. 1a, 1b

***Megacrioceras seringei multicostatum* (SARKAR, 1955)**

- *1955 *Acrioceras seringei* var. *multicostata* - SARKAR, p. 114, pl. V, fig. 16

***Shasticioceras* ANDERSON, 1938**
(1938, p. 203)

TYPE SPECIES: *Shasticioceras poniente* ANDERSON, 1938, p. 204, pl. 57, fig. 1; SD by WRIGHT in ARKELL et al., 1957, p. L208.

INCLUDED (SUB)SPECIES:

<i>?anglicum</i> -	DOYLE, 1963, p. 575, pl. 78, fig. 1, 2, 3 (HT by OD)
<i>bifurcatum</i> -	DIMITROVA, 1967, p. 79, pl. XXXVI, fig. 8 (HT by OD)
<i>hesperum</i> -	ANDERSON, 1938, p. 204, pl. 56, fig. 1 (HT by OD)
<i>inflatum</i> -	ANDERSON, 1938, p. 205, pl. 56, fig. 3, 4 (HT by OD)
<i>intermedium</i> -	MATSUKAWA & OBATA, 1993, p. 258, text-fig. 5A, 5B (HT by OD)
<i>nipponicum</i> -	MATSUMOTO, 1947, p. 17, pl. 1, fig. 3 (LT designated by MATSUKAWA & OBATA, 1993, p. 255)
<i>patricki</i> -	MURPHY, 1975, p. 46, pl. 10, fig. 3, 4 (HT by OD)
<i>poniente</i> -	ANDERSON, 1938, p. 204, pl. 57, fig. 1 (HT by OD)
<i>roddai</i> -	MURPHY, 1975, p. 45, pl. 12, fig. 1 (HT by OD)
<i>whitneyi</i> -	ANDERSON, 1938, p. 205, pl. 58, fig. 1 (HT by OD)

***Shasticioceras? anglicum* DOYLE, 1963**

- *1963 *Shasticioceras anglicum* - DOYLE, p. 575, pl. 78, fig. 1, 2, 3, text-fig. 1a

***Shasticioceras bifurcatum* DIMITROVA, 1967**

- *1967 *Shasticioceras bifurcatum* - DIMITROVA, p. 79, pl. XXXVI, fig. 8, 9

***Shasticioceras hesperum* ANDERSON, 1938**

- *1938 *Shasticioceras hesperum* - ANDERSON, p. 204, pl. 56, fig. 1, 2, ?pl. 68, fig. 3
1970 *Shasticioceras* aff. *hesperum* - JELETZKY, pl. XXIV, fig. 9a, 9b, 9c
1977 *Shasticioceras* cf. *hesperum* - JURGAN, p. 414

***Shasticioceras inflatum* ANDERSON, 1938**

- *1938 *Shasticioceras inflatum* - ANDERSON, p. 205, pl. 56, fig. 3, 4, pl. 58, fig. 4
1975 "*Shasticioceras*" *inflatum* - MURPHY, p. 25, pl. 5, fig. 4 (=ANDERSON, 1938, pl. 56, fig. 3 part)
1977 *Shasticioceras inflatum* - JURGAN, p. 428

***Shasticioceras intermedium* MATSUKAWA & OBATA, 1993**

- 1976 *Shasticioceras* sp. - OBATA & OGAWA, pl. 1, fig. 5
*1993 *Shasticioceras intermedium* - MATSUKAWA & OBATA, p. 258, text-fig. 5A, 5B (OBATA & OGAWA, 1976, pl. 1, fig. 5), 5C, 5D

***Shasticioceras nipponicum* MATSUMOTO, 1947**

- *1947 *Shasticioceras nipponicum* - MATSUMOTO, p. 17, pl. 1, fig. 3, text-fig. 2
1976 *Shasticioceras nipponicum* - OBATA & OGAWA, p. 104, pl. 1, fig. 1a, 1b, 3, pl. 4, fig. 8, text-fig. 6: 1a, 1b, 1c
1993 *Shasticioceras nipponicum* - MATSUKAWA & OBATA, p. 255, pl. 2, fig. 1, 2, fig. 6, 7 (=MATSUMOTO, 1947, pl. 1, fig. 3), pl. 3, fig. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

***Shasticioceras patricki* MURPHY, 1975**

- *1975 *Shasticioceras patricki* - MURPHY, p. 46, pl. 7, fig. 1, 2, pl. 10, fig. 3, 4, 5, pl. 13, fig. 4, text-fig. 26
1983 *Shasticioceras* aff. *S. patricki* - MATSUKAWA, pl. 1, fig. 8a, 8b
1984 *Shasticioceras* aff. *S. patricki* - OBATA et al., p. 18, pl. 5, fig. 2a, 2b (=MATSUKAWA, 1983, pl. 1, fig. 8a, 8b), pl. 6, fig. 2
1993 *Shasticioceras patricki* - MATSUKAWA & OBATA, p. 256, pl. 2, fig. 8, 9, text-fig. 4

***Shasticioceras poniente* ANDERSON, 1938**

- *1938 *Shasticioceras poniente* - ANDERSON, p. 204, pl. 57, fig. 1, 2, 3, pl. 67, fig. 4, 5
1947 *Shasticioceras* cfr. *poniente* - MATSUMOTO, p. 18, pl. 1, fig. 4
1957 *Shasticioceras poniente* - ARKELL et al., p. L208, fig. 237: 2 (=ANDERSON, 1938, pl. 57, fig. 2)
1975 *Shasticioceras poniente* - MURPHY, p. 41, pl. 10, fig. 1, 2, 6, pl. 11, fig. 5, 7, text-fig. 22
1996 *Shasticioceras poniente* - WRIGHT et al., p. 215, fig. 166: 1 (=ANDERSON, 1938, pl. 57, fig. 2)
2004 *Shasticioceras* cf. *poniente* - MOURGUES, p. 6, fig. 6c, 6d, 6e

***Shasticioceras roddai* MURPHY, 1975**

- *1975 *Shasticioceras roddai* - MURPHY, p. 45, pl. 12, fig. 1, 2, 3, 4, 5, text-fig. 25

***Shasticioceras whitneyi* ANDERSON, 1938**

- *1938 *Shasticioceras whitneyi* - ANDERSON, p. 205, pl. 58, fig. 1
non1960 *Shasticioceras* aff. *S. whitneyi* - IMLAY, p. 198, pl. 25, fig. 7, 10 (= ?*Moutoniceras* sp.)
1975 *Shasticioceras whitneyi* - MURPHY, p. 44, pl. 3, fig. 4, pl. 9, fig. 3, fig. 4, 6, 7
(=ANDERSON, 1938, pl. 58, fig. 1)
1977 *Shasticioceras* cf. *whitneyi* - JURGAN, p. 414
1977 *Shasticioceras whitneyi* - JURGAN, p. 428

Family MACROSCAPHITIDAE HYATT, 1900
 (=CICATRITIDAE SPATH, 1927)
 (=EPACRIO CERATIDAE EGOIAN, 1974)
 (=PSEUDOCRIO CERATITIDAE AVRAM, 2002)

Rugacrioceras VERMEULEN, 2007

(2007a, p. 82)

(VERMEULEN, 1990, p. 100, nomen nudum²⁵⁴)

TYPE SPECIES: *Ancyloceras Martinsi* REYNÈS, 1876, p. 106 (DELANOY & BULOT, 1990, pl. 1, fig. 1a, 1b) (OD).

INCLUDED (SUB)SPECIES:

<i>dreloni</i> -	VERMEULEN, 2007a, p. 83, pl. 1, fig. 2 (HT by OD)
<i>martinsi</i> -	REYNÈS, 1876, p. 106 (HT by MT DELANOY & BULOT, 1990, pl. 1, fig. 1a, 1b)
<i>monopujaae</i> -	SARKAR, 1955, p. 119, pl. VII, fig. 9 (LT designated by THOMEL et al., 1990, p. 148)
<i>monopujaae minor</i> -	THOMEL et al., 1990, p. 80 (HT by OD SARKAR, 1955, p. 119, pl. VII, fig. 22)
<i>monopujaae multicostatum</i> -	THOMEL et al., 1990, p. 81 (new combination)
<i>monopujaae yvanii</i> -	THOMEL et al., 1990, p. 82, pl. XVI, fig. 5, 6 (HT by OD)
<i>piveteaui</i> -	SARKAR, 1955, p. 116, pl. VIII, fig. 9, text-fig. 18 (HT by MT)
<i>terveri multicostatum</i> -	SARKAR, 1955, p. 118, pl. VIII, fig. 7, text-fig. 19 (HT by MT)

Rugacrioceras dreloni VERMEULEN, 2007

*2007a *Rugacrioceras dreloni* - VERMEULEN, p. 83, pl. 1, fig. 2

Rugacrioceras martinsi (REYNÈS, 1876)

- *1876 *Ancyloceras Martinsi* - REYNÈS, p. 106
- 1955 *Acrioceras terveri* var. *multicostata* - SARKAR, p. 118, pl. VIII, fig. 7, text-fig. 19
- 1955 *Acrioceras* cf. *terveri* - SARKAR, p. 119, pl. VII, fig. 22
- 1955 *Ancyloceras martinsi* - SARKAR, p. 164
- 1965a *Acrioceras (Acrioceras) terveri* var. *multicostata* - THOMEL, p. 46, pl. VII, fig. 9, 10
- 1990 *Acrioceras martinsii* - DELANOY & BULOT, p. 15, pl. 1, fig. 1a, 1b, 2
- 1990 *Acrioceras (Acrioceras) monopujaae minor* - THOMEL et al., p. 80, pl. XIV, fig. 5 (=SARKAR, 1955, pl. VII, fig. 22), pl. XVI, fig. 2, 3 (=THOMEL, 1965a, pl. VII, fig. 9, 10), fig. 4
- 1990 *Acrioceras multicostatum* - THOMEL et al., pl. XVII, fig. 8 (=SARKAR, 1955, pl. VIII, fig. 7)
- ?1990 *Acrioceras (Acrioceras) monopujaae multicostatum* - THOMEL et al., p. 81, pl. IX, fig. 7, pl. XVI, fig. 1, 7, 8, 11
- ?1990 *Acrioceras (Acrioceras)* sp. aff. *monopujaae multicostatum* - THOMEL et al., pl. XIV, fig. 4
- 1990 *Acrioceras (Acrioceras) monopujaae yvanii* - THOMEL et al., p. 82, pl. XVI, fig. 5, 6, 9
- 1992 *Acrioceras monopujaae yvanii* - KLINGER & KENNEDY, p. 121
- 1992 *Acrioceras monopujaae multicostatum* - KLINGER & KENNEDY, p. 121

²⁵⁴ Does not constitute a published work (see article 9.9. of the ICZN); does not fulfil the requirements of ICZN article 13.1.1. (no differentia of the new taxon).

- 1992 *Acrioceras monopujaae minor* - KLINGER & KENNEDY, p. 121
 1992 *Rugacrioceras martinsi* - DELANOY, p. 136, pl. 39, fig. 4a, 4b
 1998 *Rugacrioceras martinsi* - DELANOY, pl. 4, fig. 8, 9

***Rugacrioceras monopujaae* (SARKAR, 1955)**

- *1955 *Acrioceras terveri* var. *monopujaae* - SARKAR, p. 119, pl. VII, fig. 9, ?pl. VIII, fig. 13
 1990 *Acrioceras* (*Acrioceras*) entre *monopujaae monopujaae* et *monopujaae multicostatum* - THOMEL et al., pl. XVI, fig. 10
 1990 *Acrioceras* (*Acrioceras*) *monopujaae* - THOMEL et al., p. 79, pl. XVII, fig. 7 (=SARKAR, 1955, pl. VII, fig. 9)
 1992 *Acrioceras monopujaae* - KLINGER & KENNEDY, p. 120
 1998 *Rugacrioceras monopujaae* - DELANOY, pl. 4, fig. 7

***Rugacrioceras piveteau* (SARKAR, 1955)**

- *1955 *Acrioceras piveteau* - SARKAR, p. 116, pl. VIII, fig. 9, text-fig. 18
 1990 *Acrioceras* (*Acrioceras*) *piveteau* - THOMEL et al., p. 83, pl. XVII, fig. 4 (=SARKAR, 1955, pl. VIII, fig. 9)

***Lytocrioceras* SPATH, 1924
 (1924a, p. 84)**

TYPE SPECIES: *Ancyloceras Jauberti* ASTIER, 1851, p. 455, pl. XXIII, fig. 17 (OD).
 INCLUDED (SUB)SPECIES:

- | | |
|----------------------|---|
| <i>jauberti</i> - | ASTIER, 1851, p. 455, pl. XXIII, fig. 17 (HT by MT) |
| <i>verdonii</i> - | EBBO et al., 1999, p. 7, pl. 6, fig. 2 (HT by OD) |
| <i>vocontiense</i> - | EBBO et al., 1999, p. 5, pl. 1, fig. 1 (HT by OD) |

***Lytocrioceras jauberti* (ASTIER, 1851)**

- *1851 *Ancyloceras Jauberti* - ASTIER, p. 455, pl. XXIII, fig. 17
 1854 *Ancyloceras Jauberti* - PICTET, p. 704, pl. LV, fig. 11 (=ASTIER, 1851, pl. XXIII, fig. 17)
 1859 *Ancyloceras Jauberti* - CHENU, p. 92, fig. 404 (=ASTIER, 1851, pl. XXIII, fig. 17)
 1861 *Ancyloceras Jauberti* - PICTET & CAMPICHE, p. 45
 ?1868 *Ancyloceras Jauberti* - WINKLER, p. 20, pl. 3, fig. 2
 1902 *Crioceras Jauberti* - SARASIN & SCHÖNDELMAYER, p. 103
 1910b *Crioceras Jauberti* - KILIAN, p. 272
 1924a *Lytocrioceras jauberti* - SPATH, p. 85
 1941 *Lytocrioceras jauberti* - TRUEMAN, p. 374, text-fig. 16
 1955 *Lytocrioceras jauberti* - SARKAR, p. 141
 1957 *Lytocrioceras jauberti* - ARKELL et al., p. L211, fig. 239: 2 (=TRUEMAN, 1941, text-fig. 16)
 1992 *Lytocrioceras jauberti* - DELANOY & POUPON, p. 368, pl. 1, fig. 1 (=ASTIER, 1851, pl. XXIII, fig. 17), fig. 2, 3, pl. 2, fig. 1, 2, 3, 4, pl. 3, text-fig. 1b
 1996 *Lytocrioceras jauberti* - WRIGHT et al., p. 223, fig. 174: 1 (=TRUEMAN, 1941, text-fig. 16)
 1999 *Lytocrioceras jauberti* - EBBO et al., p. 2, pl. 2, fig. 2, pl. 4, fig. 2, pl. 5, fig. 1 (=DELANOY & POUPON, 1992, pl. 2, fig. 1), fig. 3, pl. 6, fig. 3 (=ASTIER, 1851, pl. XXIII, fig. 17)

***Lytocrioceras verdonii* EBBO et al., 1999**

- *1999 *Lytocrioceras verdonii* - EBBO et al., p. 7, pl. 5, fig. 2, pl. 6, fig. 2

- 1992 *Lytocrioceras* sp. - DELANOY & POUPON, p. 372, pl. 4, pl. 5, fig. 1a, 1b, pl. 6, fig. 1a, 1b, text-fig. 1a, 1c
 *1999 *Lytocrioceras vocontiense* - EBBO et al., p. 5, pl. 1, fig. 1, pl. 2, fig. 1, pl. 3, fig. 1, pl. 4, fig. 1

***Acantholytoceras* SPATH, 1923**
 (1923b, p. 21)

=*Pseudocrioceratites* EGOIAN, 1969, p. 171. TYPE SPECIES: *Pseudocrioceratites pseudoelegans* EGOIAN, 1969, p. 172, pl. XIII, fig. 6 (OD).

TYPE SPECIES: *Hamites (Pictetia) longispinus* UHLIG, 1883, p. 220, pl. XV, fig. 1 (OD).
 INCLUDED (SUB)SPECIES:

- | | |
|--------------------------------------|---|
| <i>gradinarui</i> - | AVRAM, 2002c, p. 260, pl. 1, fig. 7, pl. 2, fig. 1a, 1b, 1c, text-fig. (HT by OD) |
| <i>joliboisi</i> - | SARKAR, 1955, p. 81, pl. 5, fig. 11, text-fig. 12B (HT by MT) |
| <i>longispinum</i> - | UHLIG, 1883, p. 220, pl. XV, fig. 1 (LT designated by VAŠÍČEK, 1973, p. 53) |
| <i>pseudoelegans</i> - | EGOIAN, 1969, p. 172, pl. XIII, fig. 6 (HT by OD) |
| <i>rotundum</i> - | EGOIAN, 1969, p. 173, pl. XIV, fig. 5a, 5b, 5c (HT by OD) |
| <i>?stentor</i> - | ANDERSON, 1938, p. 206, pl. 61, fig. 1, 1A (HT by OD) |
| <i>subcirculare</i> - | AVRAM, 2002c, p. 259, pl. 1, fig. 2a, 2b, 2c, 2d (HT by OD) |
| <i>tenuicostatum</i> - | THOMEL, 1965a, p. 39, pl. V, fig. 2 (HT by OD) ²⁵⁵ |
| <i>tenuicostatum pseudoaudouli</i> - | THOMEL, 1965a, p. 40, pl. V, fig. 3 (HT by OD) |

***Acantholytoceras gradinarui* (AVRAM, 2002)**

- *2002c *Pseudocrioceratites gradinarui* - AVRAM, p. 260, pl. 1, fig. 7, pl. 2, fig. 1a, 1b, 1c, text-fig. 2d
 2004 *Pseudocrioceratites gradinarui* - PATRULIUS & AVRAM, p. 336

***Acantholytoceras joliboisi* (SARKAR, 1955)**

- *1955 *Emericiceras joliboisi* - SARKAR, p. 81, pl. V, fig. 11, text-fig. 12B
 ?1955 *Crioceras* sp. ind. - SARKAR, p. 70, pl. IV, fig. 16, text-fig. 10
 1992 *Crioceratites joliboisi* - ROPOLLO & SALOMON, p. 195, pl. 3, fig. 1, 2, 3
 2004 *Acantholytoceras joliboisi* - VERMEULEN, p. 79

***Acantholytoceras longispinum* (UHLIG, 1883)**

- *1883 *Hamites (Pictetia) longispinus* - UHLIG, p. 220, pl. XIV, ?fig. 10, fig. 11, pl. XV, fig. 1, 2
 ?1889 *Pictetia longispina* - HAUG, p. 198
 ?1889b *Pictetia* cf. *longispina* - KILIAN, p. 227
 1910b *Pictetia longispina* - KILIAN, p. 249, 253
 non1919 *Pictetia longispina* - RODIGHIERO, p. 80(44), pl. IX(II), fig. 2 (= ?*Lytoceras* sp.)

²⁵⁵ In the view of COMPANY (herein) this species could be a real *Emericiceras*.

- 1921 *Pictetia longispina* - GIGNOUX, p. 121
 1938 *Pictetia longispina* - ROMAN, p. 37
 1949 *Pictetia longispina* - KOKOSZYŃSKA, p. 37, pl. III, fig. 3
 1952 *Pictetia* cf. *longispina* - LUPPOV, p. 181
 ?1957 *Acantholytocras longispina* - ARKELL et al., p. L205, fig. 234 (=UHLIG, 1883, pl. XIV, fig. 10)
 1960 *Crioceratites elegans* - DRUSHCHITS, p. 290, pl. XXXI, fig. 4
 1969 *Pseudocrioceratites pseudoelegans* - EGOIAN, p. 172, pl. XIII, fig. 6, pl. XIV, fig. 1a, 26, 2a, 26, 2b, 3a, 36, 3b, 4, pl. XXV, fig. 57, 58
 1973 *Acantholytocras longispinum* - VAŠIČEK, p. 53, pl. 2, fig. 1, text-fig. 1
 1990 *Acantholytocras longispinum* - VAŠIČEK, p. 99, pl. I, fig. 2, 3
 1992 *Acantholytocras* gr. *longispinum* - DELANOY, p. 135, pl. 29, fig. 1
 1996 *Acantholytocras longispinum* - WRIGHT et al., p. 215, fig. 166: 2 (=UHLIG, 1883, pl. XV, fig. 1)
 2000a *Acantholytocras* aff. *longispinum* - VERMEULEN, p. 125
 2002c *Pseudocrioceratites* cf. *pseudoelegans* - AVRAM, p. 259, pl. 1, fig. 1, text-fig. 2b, 2c

***Acantholytocras rotundum* (EGOIAN, 1969)**

- *1969 *Pseudocrioceratites rotundus* - EGOIAN, p. 173, pl. XIV, fig. 5a, 56, 5b, pl. XXV, fig. 59

***Acantholytocras? stentor* (ANDERSON, 1938)**

- *1938 *Pseudocrioceraceras stentor* - ANDERSON, p. 206, pl. 61, fig. 1, 1A
 ?1947 Gen. et sp. indet., Cfr. *Pseudocrioceraceras stentor* - MATSUMOTO, p. 14, fig. 6a, 6b
 1956 *Pseudocrioceraceras stentor* - MURPHY, fig. 6
 1975 *Toxoceras stentor* - MURPHY, p. 27

***Acantholytocras subcirculare* (AVRAM, 2002)**

- 1995 *Crioceratites* ? sp. aff. *C. munieri* - AVRAM, p. 120, 122, pl. 16, fig. 5a, 5b, 6a, 6b
 *2002c *Pseudocrioceratites subcircularis* - AVRAM, p. 259, pl. 1, fig. 2a, 2b, 2c, 2d (=AVRAM, 1995, pl. 16, fig. 6a, 6b), fig. 3, text-fig. 2a

***Acantholytocras tenuicostatum* (THOMEL, 1965)**

- *1965a *Crioceratites (Emericiceras) tenuicostatum* - THOMEL, p. 39, pl. V, fig. 2
 1981 *Crioceratites tenuicostatus* - KAKABADZE, p. 86, pl. XX, fig. 1
 1990 *Crioceratites (Emericiceras) tenuicostatum* - THOMEL, pl. VIII, fig. 1, 2, 3, 4 (=THOMEL, 1965a, pl. V, fig. 2)
 1998 *Acantholytocras tenuicostatum* - DELANOY, pl. 4, fig. 5

***Acantholytocras tenuicostatum pseudoaudouli* (THOMEL, 1965)**

- *1965a *Crioceratites (Emericiceras) tenuicostatum* var. *pseudo-audouli* - THOMEL, p. 40, pl. V, fig. 3
 1995 *Acantholytocras tenuicostatum* var. *pseudo-audouli* - DELANOY, pl. 4, fig. 5
 1998 *Acantholytocras tenuicostatum* var. *pseudo-audouli* - DELANOY, pl. 4, fig. 6a (=DELANOY, 1995, pl. 4, fig. 5), fig. 6b

***Epacrioceras* EGOIAN, 1974 (1974, p. 940)**

TYPE SPECIES: *Epacrioceras rarum* EGOIAN, 1974, p. 940, fig. 1A, 1B, 1B, 1Γ (OD).

INCLUDED (SUB)SPECIES:

rarum - EGOIAN, 1974, p. 940, fig. 1A, 1Б, 1B, 1Г (HT by OD)

Epacrioceras rarum EGOIAN, 1974

- *1974 *Epacrioceras rarum* - EGOIAN, p. 940, fig. 1A, 1Б, 1B, 1Г, 2
1996 *Acrioceras (Epacrioceras) rarum* - WRIGHT et al., p. 223, fig. 173: 5a, 5b (=EGOIAN, 1974, fig. 1A, 1Б)

Macroscaphites MEEK, 1876
(1876, p. 414)

TYPE SPECIES: *Scaphites Yvanii* PUZOS, 1832, p. 356, pl. II; SD ROMAN, 1938, p. 38.
INCLUDED (SUB)SPECIES:

- abchasiensis* - KAKABADZE, 2004a, p. 362, pl. I, fig. 3 (HT by OD)
afra - SAYN, 1890, p. 19, pl. I, fig. 9a, 9b (LT requested)
alpinus - D'ORBIGNY, 1850, p. 100, n° 621 (nomen dubium)
binodosus - UHLIG, 1883, p. 207, pl. IX, fig. 7 (HT by MT)
decorus - VON EICHWALD, 1868, p. 1167, pl. 36, fig. 9a, 9b (HT by MT)
ectotuberculatus - AVRAM, 1984, p. 76, pl. 1, fig. 7, text-fig. 6, 10a (HT by OD)
elegans - KAKABADZE, 2004a, p. 363, pl. I, fig. 1a, 1b, 1c (HT by OD)
fallauxi - UHLIG, 1883, p. 208, pl. X, fig. 5 (HT by MT)
ficheuri - SAYN, 1896, p. 1164 (HT by OD SAYN, 1890, pl. I, fig. 10a, 10b)
hamilcar - COQUAND, 1852, p. 431, pl. XIV, fig. 16, 17 (LT requested)
nodosocostatus - KARAKASCH, 1907, p. 53, pl. XXIII, fig. 28a, 28b (HT by MT)
perforatus - AVRAM, 1984, p. 74, pl. 1, fig. 1a, 1b, 1c (HT by OD)
striatisulcatus - D'ORBIGNY, 1841, p. 153, pl. 49, fig. 4, 5 (LT designated by LILLO BEVIÁ, 1975, p. 109) (neotype designated by BUSNARDO in GAUTHIER, 2006, p. 55, pl. 23, fig. 5a, 5b)
tirolensis - UHLIG, 1888, p. 86(18), pl. IV, fig. 2a, 2b (lectotype designated by VAŠÍČEK, 1972, p. 48)
yvanii - PUZOS, 1832, p. 356, p. II (HT by MT)
yvanii disjuncticostatus - KAKABADZE & THIEULOY, 1991, p. 82, pl. 1, fig. 1, 2 (HT by OD)

Macroscaphites abchasiensis KAKABADZE, 2004

- 1970 *Macroscaphites* ex gr. *yvani* - KOTETISHVILI, p. 62, pl. IV, fig. 7
1998 *Macroscaphites* aff. *yvani* - CANTÚ CHAPA, p. 106, fig. 1
*2004a *Macroscaphites abchasiensis* - KAKABADZE, p. 362, pl. I, fig. 3
2005 *Macroscaphites abchasiensis* - KAKABADZE in KOTETISHVILI et al., p. 292, pl. 47, fig. 2 (=KAKABADZE, 2004, pl. I, fig. 3)

Macroscaphites afra SAYN, 1890

- *1890 *Macroscaphites striatisulcatus* var. *afra* - SAYN, p. 19, pl. I, fig. 9a, 9b

- 1910b *Macroscaphites Yvani* var. *afra* - KILIAN, p. 253
 1913 *Macroscaphites Yvani* var. *Afra* - KILIAN, p. 330
 1938 *Macroscaphites* var. *Afra* - ROMAN, p. 39
 1938 *Macroscaphites* var. *afra* - DELEAU, p. 129
 1960 *Costidiscus striatisulcatus* var. *afra* - WAITZMAN, p. 17, pl. I, fig. 5a, 5b
 1975 *Macroscaphites striatisulcatus* var. *afra* - LILLO BEVIA, p. 109, pl. III, fig. 5, 6
 1982 *Macroscaphites striatisulcatus afra* - MARTÍNEZ, p. 49, pl. I, fig. 7a, 7b, 7c

***Macroscaphites alpinus* (D'ORBIGNY, 1850)**

- *1850 *Scaphites Alpinus* - D'ORBIGNY, p. 100, n° 621
 1910b *Macroscaphites alpinus* - KILIAN, p. 253
 1921 *Macroscaphites Alpinus* - GIGNOUX, p. 117

***Macroscaphites binodosus* (UHLIG, 1883)**

- *1883 *Hamites (Macroscaphites) binodosus* - UHLIG, p. 207, pl. IX, fig. 7
 ?1890 *Macroscaphites* cfr. *binodosus* - SAYN, p. 17
 1910b *Macroscaphites binodosus* - KILIAN, p. 253
 1921 *Macroscaphites binodosus* - GIGNOUX, p. 117
 1938 *Macroscaphites binodosus* - ROMAN, p. 39
 non1967 *Macroscaphites binodosus* - BACCILLE & GARAVELLO, p. 134, pl. II, fig. 3
 (= *Macroscaphites ectotuberculatus*)
 ?1972 *Macroscaphites? tirolensis* - VAŠÍČEK, p. 48, pl. III, fig. 2
 non1972 *Macroscaphites* cf. *binodosus* - VAŠÍČEK, p. 48, pl. IV, fig. 4 (= *Macroscaphites ectotuberculatus*)
 1978a groupe *Macroscaphites binodosus* - *Costidiscus tardus* - AVRAM, pl. I, fig. 2a, 2b, 3
 1978a *Macroscaphites binodosus* - AVRAM, pl. I, fig. 5
 1984 *Macroscaphites binodosus* - AVRAM, text-fig. 5a (=UHLIG, 1883, pl. IX, fig. 7)
 1990 *Macroscaphites binodosus* - VAŠÍČEK, p. 100, pl. II, fig. 2
 ?1995 *Macroscaphites binodosus* - AVRAM, p. 124, pl. 13, fig. 6
 2000a *Macroscaphites binodosus* - VERMEULEN, p. 125
 ?2004 *Macroscaphites binodosus* - VAŠÍČEK et al., p. 51, pl. II, fig. 5

***Macroscaphites decorus* (VON EICHWALD, 1868)**

- *1868 *Ancyloceras decorum* - VON EICHWALD, p. 1167, pl. 36, fig. 9a, 9b
 1907 *Macroscaphites Eichwaldi* - KARAKASCH, p. 145²⁵⁶

***Macroscaphites ectotuberculatus* AVRAM, 1984**

- 1967 *Macroscaphites binodosus* - BACCILLE & GARAVELLO, p. 134, pl. II, fig. 3
 1971 *Macroscaphites* (?) sp. - THOMSON, p. 160
 1972 *Macroscaphites* cf. *binodosus* - VAŠÍČEK, p. 48, pl. IV, fig. 4
 1974 *Macroscaphites* (?) sp. - THOMSON, p. 12, pl. II, fig. g
 1984 *Costidiscus ? cf. binodosus* Vašíček (non Uhlig) - AVRAM, p. 72, text-fig. 6b (=VAŠÍČEK, 1972, pl. IV, fig. 4)
 *1984 *Macroscaphites ectotuberculatus* - AVRAM, p. 76, pl. I, fig. 7, 8a, 8b, text-fig. 6a, 10a, 10b, 10c
 1995 *Macroscaphites ectotuberculatus* - DELANOY, p. 295, pl. 5, fig. 6

²⁵⁶ Nomen nudum according to the article 12 of the ICZN. KARAKASCH gave this new name to *Ancyloceras decorum* EICHWALD, but the species name should have been preserved. So it must be: *Macroscaphites decorus* EICHWALD, 1868.

- 1995 *Macroscaphites ectotuberculatus* - AVRAM, p. 122, 124, pl. 13, fig. 10a, 10b, 11
(=AVRAM, 1984, p. 76, pl. I, fig. 8a, 8b, 7)
- 1998 *Macroscaphites ectotuberculatus* - DELANOY, pl. 4, fig. 4 (=DELANOY, 1995, pl. 5, fig. 6)

***Macroscaphites elegans* KAKABADZE, 2004**

- *2004a *Macroscaphites elegans* - KAKABADZE, p. 363, pl. I, fig. 1a, 1b, 1c

***Macroscaphites fallauxi* (UHLIG, 1883)**

- *1883 *Hamites (Macroscaphites) Fallauxi* - UHLIG, p. 208, pl. X, fig. 5
- non1883 *Hamites (Macroscaphites) cf. Fallauxi* - UHLIG, p. 208, pl. IX, fig. 8 (= ?*Macroscaphites tirolensis*)
- 1921 *Macroscaphites Fallauxi* - GIGNOUX, p. 117
- 1933 *Macroscaphites cf. fallauxi* - KULJINSKAIA-VORONETZ, p. 26, pl. III, fig. 1, 2, 6
- 1984 *Macroscaphites fallauxi* - AVRAM, p. 72, text-fig. 8a (=UHLIG, 1883, pl. X, fig. 5)
- 1987 *Macroscaphites fallauxi* - IMMEL, p. 64, pl. 2, fig. 9

***Macroscaphites fischeuri* SAYN, 1896**

- 1890 *Macroscaphites* nov. spec., indéterminée - SAYN, p. 19, pl. I, fig. 10a, 10b
- *1896 *Macroscaphites Fischeuri* - SAYN, p. 1164
- 1907 *Macroscaphites Fischeuri* - PERVINQUIÈRE, p. 82, pl. IV, fig. 1a, 1b, 1c
- 1910b *Macroscaphites Fischeuri* - KILIAN, p. 253
- 1912 *Macroscaphites Fischeuri* - JOLEAUD, p. 117, pl. 1bis, fig. 8, 9
- 1913 *Macroscaphites Fischeuri* - KILIAN, p. 330
- 1921 *Macroscaphites Fischeuri* - GIGNOUX, p. 117
- 1938 *Macroscaphites Fischeuri* - ROMAN, p. 39
- 1975 *Macroscaphites fischeuri* - LILLO BEVIA, p. 110, pl. III, fig. 9, 10, 11, 12

***Macroscaphites nodosocostatus* (KARAKASCH, 1907)**

- *1907 *Costidiscus nodosocostatus* - KARAKASCH, p. 53, pl. XXIII, fig. 28a, 28b, pl. XXIV, fig. 6
- 1910b *Macroscaphites nodosocostatus* - KILIAN, p. 253
- 1913 *Macroscaphites Yvani* var. *nodosocostatus* - KILIAN, p. 330
- 1921 *Costidiscus nodosocostatus* - GIGNOUX, p. 117
- 1938 *Costidiscus nodosocostatus* - ROMAN, p. 39
- 1984 *Macroscaphites? nodosocostatus* - AVRAM, p. 70, text-fig. 4b (=KARAKASCH, 1907, pl. XXIII, fig. 28a)

***Macroscaphites perforatus* AVRAM, 1984²⁵⁷**

- *1984 *Macroscaphites perforatus* - AVRAM, p. 74, pl. 1, fig. 1a, 1b, 1c, 2, 3a, 3b, 4, 5, 6a, 6b, 6c, text-fig. 3b, 9a, 9b, 9c, 9d
- 1995 *Macroscaphites perforatus* - AVRAM, p. 122, 123, pl. 13, fig. 7, fig. 8a, 8b, 9 (=AVRAM, 1984, pl. 1, fig. 1a, 1c, 2)

***Macroscaphites striatisulcatus* (D'ORBIGNY, 1841)²⁵⁸**

- ?1831 *Ammonites tripartitus* - RASPAIL, fig. 21
- *1841 *Ammonites striatisulcatus* - D'ORBIGNY, p. 153, pl. 49, fig. 4, 5, 6, 7
- ?1846 *Ammonites convolutus* - VON QUENSTEDT, p. 170, pl. 13, fig. 5a, 5b

²⁵⁷ In the view of VERMEULEN (herein) undistinguishable from *Macroscaphites yvani*.

²⁵⁸ In the view of VERMEULEN (herein) probably a synonym of *Macroscaphites yvani*.

- 1852 *Ammonites Hamilcar* - COQUAND, p. 431, pl. XIV, fig. 16, 17
 1860 *Ammonites striatissulcatus* - PICTET & CAMPICHE, p. 350
 1862 *Ammonites Hamilcar* - COQUAND, p. 169, pl. I, fig. 11, 12
 1862 *Ammonites striatissulcatus* - COQUAND, p. 284
 ?1872 *Ammonites striatissulcatus* - TIETZE, p. 140(106), pl. IX, fig. 6
 ?1872 *Ammonites* cf. *striatissulcatus* - TIETZE, pl. IX, fig. 4a, 4b
 1875a *Lytoceras striato-sulcatum* - NEUMAYR, p. 662
 ?1883 *Costidiscus striatissulcatus* - UHLIG, p. 186, pl. V, fig. 19
 non1888 *Lytoceras striatosulcatum* - HERBICH, p. 244, pl. XI, fig. 7 (= *Silesites vulpes*)
 1889b *Macroscaphites striatissulcatus* - KILIAN, p. 267
 1890 *Macroscaphites striatissulcatus* - SAYN, p. 18, pl. I, fig. 8a, 8b
 1896 *Macroscaphites striatissulcatus* - KILIAN, p. 741
 1910b *Macroscaphites Yvani* var. *striatissulcata* - KILIAN, p. 253
 1913 *Macroscaphites Yvani* var. *striatissulcata* - KILIAN, p. 330
 1913 *Costidiscus Hamilcar* - KILIAN, p. 330
 1915 *Macroscaphites yvani* var. *striatissulcata* - KILIAN & REBOUL, p. 25
 1921 *Macroscaphites striatissulcatus* - GIGNOUX, p. 117
 1921 *Macroscaphites Yvani* var. *striatissulcata* - PETKOVIĆ, p. 51, pl. I, fig. 5
 1934 *Macroscaphites striatissulcatus* - DENIZOT, p. 155
 1937 *Macroscaphites striatulus* - MAZENOT, p. 24 (= SAYN, 1890, pl. I, fig. 8a, 8b)
 1938 *Macroscaphites striatissulcatus* - ROMAN, p. 39
 1955 *Macroscaphites ivani* v. *striatosulcata* - ERISTAVI, p. 58
 1957 *Macroscaphites striatissulcatus* - BUSNARDO, p. 57
 ?1960 *Costidiscus striatissulcatus* - DRUSHCHITS, p. 262, pl. IX, fig. 5, 6a, 66, text-fig. 70
 ?1967 *Macroscaphites yvani* - DIMITROVA, p. 34, pl. XI, fig. 5
 non1970 *Costidiscus* cf. *striatissulcatus* - KOTETISHVILI, p. 62, pl. IV, fig. 5, 6
 ?1970 *Costidiscus* cf. *striatissulcatus* - JELETZKY, pl. XXIV, fig. 3a, 3b
 non1975 *Macroscaphites striatissulcatus* - LILLO BEVIA, p. 109, pl. III, fig. 7, 8 (= *Macroscaphites yvani*)
 1976a *Macroscaphites yvani striatissulcatus* - AVRAM, p. 23, pl. I, fig. 8, 9, 12
 1982 *Macroscaphites striatissulcatus* - MARTÍNEZ, p. 48, pl. 1, fig. 4a, 4b, 4c, 5a, 6a, 6b
 non1982 *Macroscaphites* cf. *striatissulcatus* - RENZ, p. 20, pl. 2, fig. 22a, 22b
 1989 *Macroscaphites striatissulcatus* - CONTE, p. 49, fig. 4 on page 50
 1995 *Macroscaphites striatissulcatus* - VAŠÍČEK & RAKUS, p. 175, pl. 1, fig. 3, 4, 5, 6, 7
 2006 *Macroscaphites striatissulcatus* - BUSNARDO in GAUTHIER, p. 55, pl. 23, fig. 5a, 5b

***Macroscaphites tirolensis* UHLIG, 1888**

- ?1883 *Hamites (Macroscaphites)* cf. *Fallauxi* - UHLIG, p. 208, pl. IX, fig. 8
 *1888 *Macroscaphites tirolensis* - UHLIG, p. 86, pl. IV, fig. 2a, 2b
 1910b *Macroscaphites Tirolensis* - KILIAN, p. 253
 1921 *Macroscaphites Tirolensis* - GIGNOUX, p. 117
 ?1972 *Macroscaphites?* *tirolensis* - VAŠÍČEK, p. 48, pl. III, fig. 2 (= ? *Macroscaphites binodosus*)
 1984 *Macroscaphites tirolensis* - AVRAM, p. 73, fig. 8b (= UHLIG, 1888, pl. IV, fig. 2a)
 1995 *Macroscaphites tirolensis* - AVRAM, p. 123, pl. 13, fig. 12a, 12b, 13a, 13b
 1998 *Macroscaphites tirolensis* - VERMEULEN, pl. 4, fig. 9, 10
 2000a *Macroscaphites tirolensis* - VERMEULEN, p. 125
 2003b *Macroscaphites tirolensis* - VERMEULEN, p. 63, pl. 1, fig. 2, 3 (= VERMEULEN, 1998, pl. 4, fig. 9, 10)
 2005a *Macroscaphites tirolensis* - VERMEULEN, pl. 47, fig. 1 (= VERMEULEN, 1998, pl. 4, fig. 10)

***Macroscaphites yvanii* (PUZOS, 1832)**

- *1832 *Scaphites Yvanii* - PUZOS, p. 356, pl. II

- 1842 *Scaphites Ivanii* - D'ORBIGNY, p. 515, pl. 128, fig. 1, 2, 3²⁵⁹
- 1848 *Scaphites Ivanii* - VON QUENSTEDT, p. 275, pl. 20, fig. 15a, 15b, 15c
- 1850 *Scaphites Ivanii* - D'ORBIGNY, p. 100, n° 620
- 1852 *Scaphites Yvanii* - BRONN, pl. XXXIII, fig. 15a, 15b
- 1854 *Scaphites Yvanii* - PICTET, p. 701, pl. LV, fig. 6
- 1859 *Scaphites Ivanii* - CHENU, p. 92, fig. 401
- 1878 *Macroscaphites Yvani* - BAYLE, pl. XCVIII, fig. 1, 2, 3, 4
- 1880 *Scaphites Ivanii* - WRIGHT, p. 256, fig. 169
- 1883 *Hamites (Macroscaphites) Yvani* - UHLIG, p. 205, pl. V, fig. 18, pl. IX, fig. 5, 6
- ?1884 *Macroscaphites Ivani* - SZAJNOCHA, p. 265, pl. IX, fig. 1, pl. X, fig. 1
- 1888 *Scaphites Ivani* - VON GÜMBEL, fig. 438: 12
- 1889b *Macroscaphites Yvani* - KILIAN, p. 228
- 1890 *Macroscaphites Yvani* - PARONA, p. 293(17)
- 1900 *Macroscaphites Ivanii* - HYATT, p. 571, fig. 1184 (=UHLIG, 1883, pl. IX, fig. 6)
- ?1907 *Macroscaphites Yvani* - KARAKASCH, p. 145, pl. XXVIII, fig. 15
- 1910b *Macroscaphites Yvani* - KILIAN, p. 253, pl. 7, fig. 1a, 1b (=PUZOS, 1832, pl. II)
- 1912 *Scaphites Yvanii* - LEMOINE, fiche 257, fig. H, H^a (=PUZOS, 1832, pl. II), fiche 257^a, fig. P, P^a, P¹, P², P³, P^{3a} (=BAYLE, pl. XCVIII, fig. 2, 1, 4, 3), fiche 257^b
- 1921 *Macroscaphites Yvani* - GIGNOUX, p. 117
- 1921 *Macroscaphites Yvani* - PETKOVIĆ, p. 5
- 1934 *Macroscaphites Yvani* - DENIZOT, p. 154
- 1938 *Macroscaphites Yvani* - ROMAN, p. 38, pl. IV, fig. 33 (=D'ORBIGNY, 1842, pl. 128, fig. 1)
- non1938a *Macroscaphites aff. Yvani* - ROUCHADZE, p. 137, pl. V, fig. 1
- 1938 *Macroscaphites Yvani* - PAINVIN, pl. XXVII (=BAYLE, 1878, pl. XCVIII, fig. 2)
- 1942 *Macroscaphites yvani* - DACQUÉ, pl. XIV, fig. 2 (=UHLIG, 1883, pl. IX, fig. 6)
- ?1945 *Macroscaphites ivani* - DARDER, pl. 6, fig. 380
- ?1949 *Macroscaphites* cfr. *yvani* - VIALLI, p. 57, pl. I, fig. 20
- 1951 *Macroscaphites yvanii* - BODYLEVSKY, p. 99, pl. LII, fig. 196 (=UHLIG, 1883, pl. IX, fig. 6)
- 1952b *Macroscaphites yvani* - BASSE, p. 610, pl. III, fig. 5 (=D'ORBIGNY, 1842, pl. 128, fig. 1), text-fig. 12: 4
- 1955 *Macroscaphites aff. ivani* - ERISTAVI, p. 58
- 1955 *Paraspinoceras* ? sp. - SARKAR, p. 127, pl. X, fig. 4
- 1957 *Macroscaphites yvani* - ARKELL et al., p. L205, fig. 233: 3 (=UHLIG, 1883, pl. IX, fig. 6)
- 1958 *Macroscaphites yvani* - LUPPOV & DRUSCHITS, p. 61, p. XXIII, fig. 1 (=UHLIG, 1883, pl. IX, fig. 6)
- 1962 *Macroscaphites yvanii* - BODYLEVSKY, p. 122, pl. LXII, fig. 2 (=UHLIG, 1883, pl. IX, fig. 6)
- 1962b *Macroscaphites yvani* - MANOLOV, p. 103, fig. 3: 1
- ?1964 *Macroscaphites yvani* - NIKOLOV, p. 120, pl. I, fig. 2
- non1967 *Macroscaphites yvani* - DIMITROVA, p. 34, pl. XI, fig. 5 (= ?*Macroscaphites striatisulcatus*)
- 1969 *Macroscaphites yvani* - TZANKOV, fig. 235e
- 1970 *Macroscaphites yvani* - AVRAM, p. 170, pl. I, fig. 5
- non1970 *Macroscaphites* ex gr. *yvani* - KOTETISHVILI, p. 62, pl. IV, fig. 7 (= *Macroscaphites abchasiensis*)
- 1972 *Macroscaphites yvani* - VAŠÍČEK, p. 46, pl. IV, fig. 3, pl. V, fig. 1
- 1975 *Macroscaphites yvani* - GRÄF, p. 108(104), pl. V, fig. 2
- 1975 *Macroscaphites yvani* - POMEROL, p. 266, fig. 11.6
- 1975 *Macroscaphites striatisulcatus* - LILLO BEVIA, p. 109, pl. III, fig. 7, 8
- ?1977 *Macroscaphites* cf. *yvani* - MYCZYŃSKI, p. 151, pl. 3, fig. 6
- 1980 *Macroscaphites yvani* - THOMEL, p. 45, fig. 76
- 1980 *Macroscaphites yvani* - FISCHER, p. 224, pl. 105, fig. 9 (=UHLIG, 1883, pl. IX, fig. 6)

²⁵⁹ According to D'ORBIGNY, 1842 a drawing of the specimen of Puzos combined with fragments from his own collection.

- 1981 *Macroscaphites yvani* - MÜLLER, fig. 399
- 1983 *Macroscaphites yvani* - MENČÍK et al., pl. XL, fig. 5 (=VAŠÍČEK, 1972, pl. V, fig. 1)
- 1984 *Macroscaphites yvani* - AVRAM, p. 68, text-fig. 1a (=PUZOS, 1832, pl. II)
- 1984 *Macroscaphites yvani* - SZYMAKOWSKA in MALINOWSKA, p. 100, pl. XXXIII, fig. 2 (=VAŠÍČEK, 1972, pl. V, fig. 1)
- 1984 *Macroscaphites* cfr. *yvani* - CERIOTTI et al., p. 34, fig. 4
- 1989 *Macroscaphites yvani* - MAREK et al., p. 78, pl. XXXIX, fig. 2 (=VAŠÍČEK, 1972, pl. V, fig. 1)
- 1992 *Macroscaphites yvani* - DELANOY, p. 134, pl. 39, fig. 2
- 1994 *Macroscaphites yvani* - VAŠÍČEK et al., p. 56, pl. 21, fig. 3
- 1995 *Macroscaphites yvani* - DELANOY, pl. 5, fig. 5, text-fig. 5
- 1996 *Macroscaphites yvani* - HOEDEMAEKER & BEMMEL, p. 27, fig. C8 (=UHLIG, 1883, pl. IX, fig. 6)
- 1996 *Macroscaphites recticostatus* - WRIGHT et al., fig. 183: 1e (=UHLIG, 1883, pl. IX, fig. 6)
- 1998 *Macroscaphites yvani* - DELANOY, pl. 4, fig. 2 (=DELANOY, 1995, pl. 5, fig. 5), pl. 5, fig. 3
- non1998 *Macroscaphites* aff. *yvani* - CANTÚ CHAPA, 1998, p. 106, fig. 1 (= *Macroscaphites abchasiensis*)
- 2000b *Macroscaphites yvani* - DELANOY et al., fig. on page 11 (=DELANOY, 1995, pl. 5, fig. 5), 18, 25 (=LEMOINE, 1912, fiche 257, fig. P. P') (=BAYLE, 1878, pl. XCVIII, fig. 2)
- 2000a *Macroscaphites yvani* - VERMEULEN, p. 125
- 2005a *Macroscaphites yvani* - VERMEULEN, pl. 47, fig. 2
- 2006 *Macroscaphites yvani* - LUKENEDER & ASPMAIR, p. 61, pl. 7, fig. 9
- 2006 *Macroscaphites yvani* - BUSNARDO in GAUTHIER, p. 152, pl. 29, fig. 2a, 2b (=PUZOS, 1832, pl. II)

***Macroscaphites yvanii disjuncticostatus* KAKABADZE & THIEULOUY, 1991**

- *1991 *Macroscaphites yvani disjuncticostatus* - KAKABADZE & THIEULOUY, p. 82, pl. 1, fig. 1, 2

***Costidiscus* UHLIG, 1882**
(1882, p. 87)

TYPE SPECIES: *Ammonites recticostatus* D'ORBIGNY, 1841, p. 134, pl. 40, fig. 3, 4 (OD).

INCLUDED (SUB)SPECIES:

- | | |
|------------------------------------|---|
| <i>binodosus</i> - | KULJINSKAIA-VORONETZ, 1933, p. 26 (LT requested) |
| <i>grebenianus</i> - | TIETZE, 1872, p. 139(105), pl. VIII, fig. 8a, 8b (LT designated by AVRAM, 1978b, p. 17) |
| <i>latus</i> - | ROUCHADZE, 1933, p. 176, pl. I, fig. 3 (HT by MT) |
| <i>madyaе</i> - | VERMEULEN, 2007a, p. 80, pl. 1, fig. 1 (HT by OD) |
| <i>microcostatus</i> - | SIMONOVICH, BATSEVICH & SOROKIN, 1875, p. 167, pl. IV, fig. 1a, 1b (HT by MT) |
| <i>nodosostriatus</i> - | UHLIG, 1883, p. 197, pl. IX, fig. 2 (LT designated by AVRAM, 1984, p. 70) |
| <i>nodosostriatus nunui</i> - | ERISTAVI, 1955, p. 58 (HT by OD specimen ROUCHADZE, 1933, p. 177) |
| <i>nodosostriatus sablyensis</i> - | KULJINSKAIA-VORONETZ, 1933, p. 25, pl. I, fig. 6, 7 (HT by MT) |
| <i>olcostephanooides</i> - | UHLIG, 1883, p. 195, pl. VIII, fig. 4 (HT by MT) |
| <i>paucinodosus</i> - | RENNGARTEN, 1926, p. 13, pl. II, fig. 3, pl. IX, fig. 2 (HT by MT) |
| <i>rakusi</i> - | UHLIG, 1883, p. 196, pl. VIII, fig. 5 (LT designated by AVRAM, 1984, p. 71) |

<i>rakusi densecostatus</i> -	KULJINSKAIA - VORONETZ, 1933, p. 24 (LT requested)
<i>recticostatus</i> -	D'ORBIGNY, 1841, p. 134, pl. 40, fig. 3, 4 (HT by MT)
<i>recticostatus crassus</i> -	KILIAN, 1915, p. 23 (LT requested)
<i>recticostatus planus</i> -	KILIAN, 1915, p. 22 (objective synonym of <i>Costidiscus recticostatus</i>)
<i>tardus</i> -	AVRAM, 1978a, p. 5, pl. 1, fig. 1a, 1b, 1c (HT by OD)
<i>tenuistriatus</i> -	REPELIN, 1899, p. 367, pl. VII, fig. 5 (HT by MT)

***Costidiscus binodosus* KULJINSKAIA-VORONETZ, 1933**

- *1933 *Costidiscus binodosus* - KULJINSKAIA-VORONETZ, p. 26, pl. II, fig. 8, 11, 13, pl. VI, fig. 4, 5, 6
- ?1962 *Costidiscus* aff. *binodosus* - AKOPIAN, p. 200, pl. I, fig. 7a, 7b, text-fig. 61

***Costidiscus grebenianus* (TIETZE, 1872)**

- *1872 *Ammonites (Lytoceras) Grebenianus* - TIETZE, p. 139(105), pl. VIII, fig. 8a, 8b, non 8c (= *Costidiscus* sp.)
- 1883 *Lytoceras (Costidiscus) Grebenianum* - UHLIG, p. 198, pl. V, fig. 16, 17, pl. IX, fig. 1a, 1b
- 1888 *Costidiscus Grebenianus* - UHLIG, p. 85
- 1889 *Costidiscus Grebenianus* - HAUG, p. 224(32)
- 1910b *Costidiscus Grebenianus* - KILIAN, p. 253
- 1921 *Costidiscus Grebenianus* - GIGNOUX, p. 117
- 1921 *Costidiscus Grebenianus* - PETKOVIĆ, p. 50
- 1938 *Costidiscus Grebenianus* - ROMAN, p. 39
- 1949 *Costidiscus grebenianus* - VIALLI, p. 49, pl. I, fig. 14
- 1967 *Costidiscus grebenianus* - BACCILLE & GARAVELLO, p. 134
- 1978b *Costidiscus grebenianus* - AVRAM, p. 17(9), pl. IV, fig. 1a, 1b, 1c, 1d (=TIETZE, 1872, pl. VIII, fig. 8a, 8b), fig. 2a, 2b
- 1984 *Costidiscus grebenianus* - AVRAM, p. 72, text-fig. 7 (=UHLIG, 1883, pl. IX, fig. 1a)

***Costidiscus latus* ROUCHADZE, 1933**

- *1933 *Costidiscus latus* - ROUCHADZE, p. 176, pl. I, fig. 3

***Costidiscus madyae* VERMEULEN, 2007**

- *2007a *Costidiscus madyae* - VERMEULEN, p. 80, pl. 1, fig. 1

***Costidiscus microcostatus* (SIMONOVICH, BATSEVICH & SOROKIN, 1875)**

- 1875 *Ammonites microcostatus* - SIMONOVICH, BATSEVICH & SOROKIN, p. 167, pl. IV, fig. 1a, 1b
- 1910b *Costidiscus microcostatus* - KILIAN, p. 252
- 1910b *Costidiscus recticostatus* var. *crassa* - KILIAN, p. 252, 253 (nomen nudum)
- 1913 *Costidiscus recticostatus* var. *crassa* - KILIAN, p. 330
- 1913 *Costidiscus microcostatus* - KILIAN, p. 330
- 1915 *Costidiscus recticostatus* var. *crassa* - KILIAN & REBOUL, p. 23
- 1916 *Costidiscus recticostatus* - DOUVILLÉ, p. 94, pl. XI, fig. 7
- 1929 *Costidiscus recticostatus* var. *crassa* - FLANDRIN, p. 165
- 1933 *Costidiscus microcostatus* - ROUCHADZE, p. 175, text-fig. 4
- 1938 *Costidiscus recticostatus* var. *crassa* - ROMAN, p. 39
- 1949 *Costidiscus microcostatus* - LUPPOV et al., p. 191, pl. LI, fig. 1
- 1952 *Costidiscus microcostatus* - LUPPOV, p. 177, pl. II, fig. 3 (=LUPPOV et al., 1949, pl. LI, fig. 1)

- 1955 *Costidiscus microcostatus* - ERISTAVI, p. 58
 1964 *Costidiscus recticostatus* - NIKOLOV, p. 120, pl. I, fig. 1
 1967 *Costidiscus microcostatus* - DIMITROVA, p. 33, pl. V, fig. 2, pl. VI, fig. 3, pl. XI, fig. 3
 1972 *Costidiscus microcostatus* - VAŠÍČEK, p. 45, pl. IV, fig. 2
 1975 *Costidiscus microcostatus* - GRÄF, p. 108(104), pl. VII, fig. 3, 5
 ?1977 *Costidiscus recticostatus* var. *crassa* - SZYMAKOWSKA, p. 285, pl. II, fig. 11
 1984 *Costidiscus microcostatus* - SZYMAKOWSKA in MALINOWSKA, p. 100, pl. XXXIII, fig. 1
 (=VAŠÍČEK, 1972, pl. IV, fig. 2)
 1988 *Costidiscus microcostatus* - KHALILOV, p. 343, pl. VI, fig. 4
 1989 *Costidiscus microcostatus* - MAREK et al., p. 77, pl. XXXIV, fig. 1 (=VAŠÍČEK, 1972, pl. IV, fig. 2)
 2002 *Costidiscus microcostatus* - BODROGI & FOGARASI, p. 301, pl. 3, fig. 1
 2005 *Macroscaphites microcostatus* - KAKABADZE in KOTETISHVILI et al., p. 292, pl. 49, fig. 3

***Costidiscus nodosostriatus* (UHLIG, 1883)**

- *1883 *Lytoceras (Costidiscus) nodosostriatum* - UHLIG, p. 197, pl. IX, fig. 2, 3, 4
 1883 *Lytoceras (Costidiscus)* cf. *nodosostriatum* - UHLIG, pl. II, fig. 3
 1883 *Lytoceras (Costidiscus)* aff. *nodosostriatum* - UHLIG, p. 197, pl. XXIV, fig. 3
 1889b *Costidiscus nodosostriatus* - KILIAN, p. 228
 1910b *Macroscaphites nodosostriatus* - KILIAN, p. 253
 ?1919 *Costidiscus* sp. ind. aff. *Costidiscus nodosostriatus* - RODIGHIERO, p. 80
 1921 *Costidiscus nodosostriatus* - GIGNOUX, p. 117
 1938 *Costidiscus nodosostriatus* - ROMAN, p. 39
 1970 *Costidiscus ? nodosostriatus* - NAGY, p. 211
 ?1971 *Costidiscus* (?) sp. - THOMSON, p. 158
 ?1974 *Costidiscus* (?) sp. - THOMSON, p. 11, pl. IId (=THOMSON, 1971, p. 158)
 1984 *Costidiscus nodosostriatus* - AVRAM, p. 69, text-fig. 3a (=UHLIG, 1883, pl. IX, fig. 2)
 1995 *Costidiscus* aff. *nodosostriatus* - DELANOY, p. 73, pl. 6, fig. 6
 1995 *Costidiscus* aff. *nodosostriatus* - AVRAM, p. 123, pl. 13, fig. 3a, 3b, 4
 1995 *Costidiscus* cf. *nodosostriatus* - CECCA et al., p. 194, pl. 3, fig. 15
 1998 *Costidiscus* aff. *nodosostriatus* - DELANOY, pl. 5, fig. 2 (=DELANOY, 1995, pl. 6, fig. 6)
 2006 *Macroscaphites nodosostriatum* - LUKENEDER & ASPMAIR, p. 61, pl. 7, fig. 5, 6

***Costidiscus nodosostriatus nunui* ERISTAVI, 1955**

- 1933 *Costidiscus nodosostriatus* var. *paucinodosa* - ROUCHADZE, p. 177
 *1955 *Costidiscus nodosostriatus* v. *nunui* - ERISTAVI, p. 58

***Costidiscus nodosostriatus sablyensis* KULJINSKAIA-VORONETZ, 1933**

- *1933 *Costidiscus nodosostriatus* var. *sablyense* - KULJINSKAIA-VORONETZ, p. 25, pl. I, fig. 6, 7
 1949 *Costidiscus nodosostriatus* var. *sablyense* - LUPPOV et al., p. 192, pl. L, fig. 3a, 3b
 (=KULJINSKAIA-VORONETZ, 1933, pl. I, fig. 6, 7), fig. 3c

***Costidiscus olcostephanoides* (UHLIG, 1883)**

- *1883 *Lytoceras (Costidiscus) olcostephanoides* - UHLIG, p. 195, pl. VIII, fig. 4
 1921 *Costidiscus holcostephanoides* - GIGNOUX, p. 117
 1972 *Costidiscus olcostephanoides* - VAŠÍČEK, p. 46, pl. IV, fig. 6
 1984 *Costidiscus olcostephanoides* - AVRAM, p. 69, text-fig. 2 (=UHLIG, 1883, pl. VIII, fig. 4)
 1995 *Costidiscus olcostephanoides* - AVRAM, p. 124, pl. 12, fig. 11

- *1926 *Costidiscus nodosostriatus* var. *paucinodosa* - RENNGARTEN, p. 13, pl. II, fig. 3a, 3b, pl. IX, fig. 2
1938a *Costidiscus nodosostriatus* v. *paucinodosa* - ROUCHADZE, p. 162
1988 *Costidiscus paucinodosum* - KHALILOV, p. 343, pl. VI, fig. 6, 7

***Costidiscus rakusi* (UHLIG, 1883)**

- *1883 *Lytoceras (Costidiscus) Rakusi* - UHLIG, p. 196, pl. VIII, fig. 5
1888 *Costidiscus Rakusi* - UHLIG, p. 84(16), pl. III, fig. 2a, 2b
1889 *Costidiscus Rakusi* - HAUG, p. 199(7)
?1901 *Costidiscus Rakusi* - SARASIN & SCHÖNDELMAYER, p. 20
1910b *Costidiscus Rakusi* - KILIAN, p. 253
1921 *Costidiscus Rakusi* - GIGNOUX, p. 117
1922 *Costidiscus Rakusi* - FALLOT, p. 119
1984 *Costidiscus rakusi* - AVRAM, p. 70, text-fig. 4a (=UHLIG, 1883, pl. VIII, fig. 5)
1995 *Costidiscus* cf. *rakusi* - AVRAM, pl. 13, fig. 2
2004 *Costidiscus rakusi* - VAŠÍČEK et al., p. 49, pl. 1, fig. 4

***Costidiscus rakusi densecostatus* KULJINSKAIA-VORONETZ, 1933**

- *1933 *Costidiscus rakusi* var. *densecostata* - KULJINSKAIA-VORONETZ, p. 24, pl. I, fig. 8, 9, 12, 13, 14, text-fig. 32

***Costidiscus recticostatus* (D'ORBIGNY, 1841)**

- *1841 *Ammonites recticostatus* - D'ORBIGNY, p. 134, pl. 40, fig. 3, 4
1848 *Ammonites recticostatus* - VON QUENSTEDT, p. 275
1850 *Ammonites recticostatus* - D'ORBIGNY, p. 98, n° 581
1860 *Ammonites recticostatus* - PICTET & CAMPICHE, p. 349
1883 *Lytoceras (Costidiscus) recticostatum* - UHLIG, p. 193, pl. II, fig. 2, pl. V, fig. 15a, 15b, pl. VII, pl. VIII, fig. 1, 2, 3
non1888 *Lytoceras recticostatum* - HERBICH, pl. XI, fig. 1 (=Costidiscus sp.), fig. 2 (=Eulytoceras phestum), fig. 3 (=Eulytoceras phestum)
1889 *Costidiscus recticostatus* - HAUG, p. 199(7)
1889b *Costidiscus recticostatus* - KILIAN, p. 227
1890 *Lytoceras (Costidiscus) recticostatum* - PARONA, p. 293(17)
?1897 *Costidiscus recticostatus* - KARAKASCH, p. 16, pl. IV, fig. 12a, 12b, 12c
?1898 *Costidiscus recticostatus* - SIMIONESCU, p. 118(62)
1905 *Costidiscus recticostatus* - RICHARZ, p. 349(7)
1907 *Lytoceras (Costidiscus) recticostatum* - PERVINQUIÈRE, p. 65
1910b *Costidiscus recticostatus* - KILIAN, p. 252
1910b *Costidiscus recticostatus* var. *plana* - KILIAN, p. 252, 253
?1912 *Costidiscus* aff. *recticostatus* - BURCKHARDT, p. 197, pl. XLVI, fig. 8, 10 (=Macroscephites sp.)
1915 *Costidiscus recticostatus* var. *plana* - KILIAN & REBOUL, p. 22
non1916 *Costidiscus recticostatus* - DOUVILLÉ, p. 94, pl. XI, fig. 7 (=Costidiscus microcostatus)
1919 *Costidiscus recticostatus* - RODIGHIERO, p. 79, pl. IX(II), fig. 1, 3²⁶⁰
1921 *Costidiscus recticostatus* - GIGNOUX, p. 117
1933 *Costidiscus recticostatus* - ROUCHADZE, p. 175
1934 *Costidiscus recticostatus* - DENIZOT, p. 154, pl. V, fig. 11
?1934 *Lytoceras (Costidiscus)* cfr. *recticostatum* - STEFANOV, p. 207, pl. I, fig. 1

²⁶⁰ Lapsus calami in the text on page 79(43).

- ?1938 *Costidiscus cf. recticostatus* - KSIAŹKIEWICZ, pl. 1, fig. 3
- 1938 *Costidiscus recticostatus* - ROMAN, p. 37, pl. IV, fig. 32, 32a (=D'ORBIGNY, 1841, pl. 40, fig. 3, 4), text-fig. 32 on legend pl. IV (=UHLIG, 1883, pl. V, fig. 15a)
- 1938 *Costidiscus recticostatus* var. *plana* - ROMAN, p. 39
- 1949 *Costidiscus recticostatus* - KOKOSZYŃSKA, p. 38, pl. III, fig. 1
- 1949 *Costidiscus recticostatus* - VIALLI, p. 48, pl. I, fig. 9, 10, 11
- ?1951 *Lytoceras (Costidiscus) recticostatus* - PETKOVIĆ & MARKOVIĆ, p. 26, pl. II, fig. 3, 4
- 1952b *Costidiscus recticostatus* - BASSE, p. 610, text-fig. 50: 11 (=UHLIG, 1883, pl. V, fig. 15a)
- 1953 *Costidiscus recticostatus* - ROTH & MATĚJKA, p. 36, pl. I, fig. 1
- 1955 *Costidiscus recticostatus* - ERISTAVI, p. 57
- 1957 *Costidiscus recticostatus* - ARKELL et al., p. L205, fig. 233: 1a, 1c, 1d (=UHLIG, 1883, pl. V, 15a, 15b, pl. VIII, fig. 3), ?1b
- 1958 *Costidiscus recticostatus* - LUPPOV & DRUSCHITS, p. 60, pl. XXIII, fig. 2a, 26, (=D'ORBIGNY, 1841, pl. 40, fig. 3, 4), text-fig. 516 (=UHLIG, 1883, pl. V, fig. 15a)
- 1962a *Costidiscus recticostatus* - WIEDMANN, p. 33
- 1962b *Costidiscus recticostatus* - MANOLOV, p. 103, fig. 3: 2
- non1964 *Costidiscus recticostatus* - NIKOLOV, p. 120, pl. I, fig. 1 (= *Costidiscus microcostatus*)
- 1965 *Costidiscus recticostatus* - NIKOLOV, p. 806
- 1965 *Costidiscus recticostatus* - SZYMANOWSKA, p. 145, pl. I, fig. 2
- 1966 *Costidiscus recticostatus* - FILIPESCU & GRIGORESCU, p. 421, pl. VII, fig. 60, 61
- 1967 *Costidiscus recticostatus* - DIMITROVA, p. 32, pl. XI, fig. 4, 4a
- ?1967 ? *Costidiscus recticostatus* - BACCILLE & GARAVELLO, p. 133, pl. II, fig. 4
- 1969 *Costidiscus recticostatus* - RĂILEANU et al., pl. I, fig. 5
- 1969 *Costidiscus recticostatus* - PATRULIUS, p. 114, pl. VI, fig. 1
- 1969 *Costidiscus recticostatus* - TZANKOV, p. 238, fig. 234e (=D'ORBIGNY, 1841, pl. 40, fig. 3, 4)
- 1970 *Costidiscus recticostatus* - KOTETISHVILI, p. 61, pl. V, fig. 1
- 1971 *Costidiscus recticostatus* - TURCULEȚ, p. 113, pl. XXXII, fig. 6
- Costidiscus recticostatus* - VAŠÍČEK, p. 43, pl. III, fig. 1
- 1976a *Costidiscus recticostatus* - AVRAM, p. 23, pl. II, fig. 12
- 1982a *Costidiscus recticostatus* - BRAGA et al., p. 694, pl. I, fig. 10
- 1982 *Costidiscus recticostatus* - LESHCHUKH, p. 98, pl. VI, fig. 5
- 1983 *Costidiscus recticostatus* - MENČÍK et al., pl. XLII, fig. 4 (=VAŠÍČEK, 1972, pl. III, fig. 1)
- 1984 *Costidiscus recticostatus* - SZYMAKOWSKA in MALINOWSKA, p. 100, pl. XXXIII, fig. 3
- 1984 *Costidiscus recticostatus* - AVRAM, p. 68, text-fig. 1b (=D'ORBIGNY, 1841, pl. 40, fig. 3)
- 1984 *Costidiscus recticostatus* - CERIOTTI et al., p. 34, fig. 3
- 1987 *Costidiscus recticostatus* - IMMEL, p. 64, pl. 2, fig. 5
- 1988 *Costidiscus recticostatus* - KHALILOV, p. 342, pl. VI, fig. 1, 2, 3
- 1989 *Costidiscus recticostatus* - MAREK et al., p. 77, pl. XXXIV, fig. 3 (=SZYMAKOWSKA in MALINOWSKA, 1984, pl. XXXIII, fig. 3)
- 1989 *Costidiscus recticostatus* - CONTE, p. 47, fig. 1 on page 46
- 1990 *Costidiscus* sp. aff. *C. recticostatus* - AVRAM et al., p. 97, pl. II, fig. 4
- 1992 *Costidiscus recticostatus* - DELANOY, p. 132, pl. 39, fig. 1
- 1994 *Costidiscus recticostatus* - STÖHR, p. 297, pl. 1, fig. 1, 2
- 1994 *Costidiscus cf. recticostatus* - STÖHR, p. 297, pl. 1, fig. 3, 4
- 1994 *Costidiscus recticostatus* - VAŠÍČEK et al., p. 55, pl. 21, fig. 4
- 1994 *Costidiscus recticostatus* - CECCA & LANDRA, p. 403, pl. 1, fig. 1, 2
- 1995 *Costidiscus recticostatus* - DELANOY, p. 287, pl. 5, fig. 4
- 1995 *Costidiscus recticostatus* - AVRAM, p. 123, 124, pl. 12, fig. 10a, 10b, pl. 13, fig. 1
- 1995 *Costidiscus* sp. cf. *recticostatus* - CECCA et al., p. 193, pl. 3, fig. 14
- 1996 *Macroscaphites recticostatus* - WRIGHT et al., p. 234, fig. 183: 1a, 1c, 1d (=UHLIG, 1883, pl. V, 15a, 15b, pl. VIII, fig. 3), ?1b, non fig. 183: 1e (=UHLIG, 1883, pl. IX, fig. 6) (= *Macroscaphites yvani*)
- 1998 *Costidiscus recticostatus* - DELANOY, pl. 4, fig. 1 (=DELANOY, 1995, pl. 5, fig. 4)
- 2000 *Macroscaphites (Costidiscus) recticostatus* - LANDRA et al., p. 41, pl. 1, fig. 2

- 2001 *Costidiscus recticostatus* - ALY & ABDEL-GAWAD, p. 33, pl. 1, fig. 7
 2002 *Costidiscus recticostatus* - BODROGI & FOGARASI, pl. 3, fig. 4
 2004b *Macroscaphites recticostatus* - LUKENEDER, p. 180, pl. 3, fig. 7
 2005 *Macroscaphites recticostatus* - KAKABADZE, p. 292, pl. 49, fig. 3
 2005a *Macroscaphites recticostatus* - VERMEULEN, pl. 47, fig. 3
 2006 *Macroscaphites recticostatus* - BUSNARDO in GAUTHIER, p. 43, pl. 23, fig. 1 (=D'ORBIGNY, 1841, pl. 40, fig. 3, 4), fig. 2
 2007a *Costidiscus recticostatus* - VERMEULEN, p. 81, pl. 2, fig. 1

Costidiscus tardus AVRAM, 1978

- *1978a *Costidiscus tardus* - AVRAM, p. 5, pl. 1, fig. 1a, 1b, 1c, text-fig. on page 6
 1984 *Costidiscus tardus* - AVRAM, p. 70, text-fig. 5b (=AVRAM, 1978a, pl. I, fig. 1a)
 1992 *Costidiscus* aff. *tardus* - DELANOY, p. 133, pl. 39, fig. 3
 1995 *Costidiscus tardus* - AVRAM, p. 124, pl. 13, fig. 5
 1998 *Costidiscus* aff. *tardus* - DELANOY, pl. 4, fig. 3
 2004a *Macroscaphites tardus* - KAKABADZE, p. 362, pl. I, fig. 2
 2005 *Macroscaphites tardus* - KAKABADZE, p. 293, pl. 49, fig. 2 (=KAKABADZE, 2004, pl. I, fig. 2)

Costidiscus tenuistriatus (REPELIN, 1899)

- *1899 *Lytoceras tenuistritum*²⁶¹ - REPELIN, p. 367, pl. VII, fig. 5
 1995 *Costidiscus tenuistriatus* - VAŠÍČEK & RAKUS, p. 176, pl. 1, fig. 8, 9, 10, 11, 12, 13, 14, 15, 16, text-fig. 3a, 3b

Cicatriles ANTHULA, 1900 (1900, p. 100(46))

TYPE SPECIES: *Lytoceras (Cicatriles) Abichi* ANTHULA, 1900, p. 100(46), pl. VII(VI), fig. 6a, 6b, 6c (OD).

INCLUDED (SUB)SPECIES:

- | | |
|-----------------------|--|
| <i>abichi</i> - | ANTHULA, 1900, p. 100(46), pl. VII(VI), fig. 6a, 6b, 6c (HT by MT) |
| <i>godoganensis</i> - | KAKABADZE, 2004a, p. 364, pl. II, fig. 1a, 1b (HT by OD) |
| <i>hokodzensis</i> - | LUPPOV, 1949, p. 71, pl. VIII, fig. 4a, 4b (HT by OD) |

Cicatriles abichi (ANTHULA, 1900)

- *1900 *Lytoceras (Cicatriles) Abichi* - ANTHULA, p. 100(46), pl. VII(VI), fig. 6a, 6b, 6c
 1921 *Costidiscus (Cicatriles) Abichi* - GIGNOUX, p. 117
 1933 *Cicatriles Abichi* - ROUCHADZE, p. 177
 1938 *Lytoceras (Cicatriles) Abichi* - ROMAN, p. 40, pl. IV, fig. 34, 34a, text-fig. 34 on legend pl. IV (=ANTHULA, 1900, pl. VII(VI), fig. 6a, 6b, 6c)
 1949 *Cicatriles abichi* - LUPPOV et al., p. 193, pl. L, fig. 4a, 4b, text-fig. 14 (=ANTHULA, 1900, pl. VII(VI), fig. 6a, 6b, 6c)
 1952b *Cicatriles abichi* - BASSE, p. 603, text-fig. 49: 6 (=ANTHULA, 1900, pl. VII(VI), fig. 6c)
 1955 *Cicatriles abichi* - ERISTAVI, p. 59
 1957 *Cicatriles abichi* - ARKELL et al., p. L205, fig. 233: 2a, 2b (=ANTHULA, 1900, pl. VII(VI), fig. 6a, 6b)

²⁶¹ Probably a lapsus calami for *tenuistriatum*.

- 1958 *Cicatrites abichi* - LUPPOV & DRUSCHITS, p. 60, pl. XXIII, fig. 3a, 3b, text-fig. 516 (=ANTHULA, 1900, pl. VII(VI), fig. 6a, 6b, 6c)
- 1960 *Cicatrites abichi* - DRUSHCHITS, p. 263, pl. IX, fig. 8a, 8b (=ANTHULA, 1900, pl. VII(VI), fig. 6a, 6b)
- 1996 *Cicatrites abichi* - WRIGHT et al., p. 234, fig. 183: 2a, 2b, 2c (=ANTHULA, 1900, pl. VII(VI), fig. 6a, 6b)
- 2005 *Cicatrites abichi* - KAKABADZE, p. 290, pl. 47, fig. 1a, 1b, 1c

***Cicatrites godoganensis* KAKABADZE, 2004**

- *2004a *Cicatrites godoganensis* - KAKABADZE, p. 364, pl. II, fig. 1a, 1b, 1c
- 2005 *Cicatrites godoganensis* - KAKABADZE, p. 291, pl. 48, fig. 1a, 1b, 1c (=KAKABADZE, 2004, pl. II, fig. 1a, 1b, 1c)

***Cicatrites hokodzensis* LUPPOV, 1949**

- *1949 *Cicatrites hokodzensis* - LUPPOV, p. 71, pl. VIII, fig. 4a, 4b
- 1952 *Cicatrites hokodzensis* - LUPPOV, table 1
- 1957 *Cicatrites hokodzensis* - ERISTAVI, table I

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Index

<i>Abadieceras</i> COLLIGNON, 1950	253
<i>Abadieceras altissimum</i> COLLIGNON, 1950	253, 254
<i>abchasiensis</i> , <i>Macroscaphites</i>	293
<i>abichanus</i> , <i>Kutatissites</i>	126
<i>abichi</i> , <i>Cicatrix</i>	303
<i>abichii africanum</i> , <i>Pseudocrioceras</i>	119
<i>abichii</i> , <i>Pseudocrioceras</i>	119
<i>Acanthoceras</i> (<i>Parahoplites</i>) <i>Abichi</i> KILIAN, 1902	121
<i>Acanthoceras Amadei</i> UHLIG, 1883	228
<i>Acanthoceras hoggi</i> LEANZA, 1970	86
<i>Acanthoceras patagonicum</i> LEANZA, 1970	86
<i>Acanthoceras Ridzewskii</i> KARAKASCH, 1897	215
<i>Acanthoceras trachyomphalus</i> UHLIG, 1883	229
<i>Acantholytoceras</i> SPATH, 1923	291
<i>Acantholytoceras gradinarui</i> (AVRAM, 2002)	291
<i>Acantholytoceras joliboisi</i> (SARKAR, 1955)	291
<i>Acantholytoceras longispinum</i> (UHLIG, 1883)	291
<i>Acantholytoceras rotundum</i> (EGOIAN, 1969)	292
<i>Acantholytoceras subcirculare</i> (AVRAM, 2002)	292
<i>Acantholytoceras tenuicostatum</i> (THOMEL, 1965)	292
<i>Acantholytoceras tenuicostatum pseudoaudouii</i> (THOMEL, 1965)	292
<i>Acantholytoceras? stentor</i> (ANDERSON, 1938)	292
ACANTHOLYTOCERATACEAE VERMEULEN, 2003	264
<i>Acanthoptychoceras</i> MANOLOV, 1962	282
<i>Acanthoptychoceras alpinum</i> D'ORBIGNY, 1850	283
<i>Acanthoptychoceras spinatocostatum</i> MANOLOV, 1962	283
<i>Acanthoptychoceras spinatocostatum</i> MANOLOV, 1962	283
<i>Acanthoptychoceras? koeneni</i> (DIMITROVA, 1967)	283
<i>Acanthoptychoceras? trumpyi</i> KAKABADZE & THIEULOY, 1991	283
<i>ackermanni</i> , <i>Ammonitoceras</i>	150
<i>Acrioceras</i> (<i>Acrioceras</i>) HYATT, 1900	94
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>anglesense</i> THOMEL, 1965	95
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>cuerdai</i> WIEDMANN, 1962	95
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>debelmasi</i> SARKAR, 1955	95
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>isocostatum</i> KAKABADZE, 1981	95
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>julivertii</i> ETAYO-SERNA, 1968	95
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>lakhmiai</i> SARKAR, 1955	95
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>maheswaraii</i> SARKAR, 1955	96
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>maioense</i> (STAHLCKER, 1935)	96
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>meriani</i> (OOSTER, 1860)	96
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>meriani dilatatum</i> SARKAR, 1955	96
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>meriani tabarelliforme</i> SARKAR, 1955	96
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>monopujae minor</i> THOMEL et al., 1990	289
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>monopujae multicostatum</i> THOMEL et al., 1990	289
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>monopujae yvanii</i> THOMEL et al., 1990	289
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>mucklae</i> SARKAR, 1955	96
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>privosti</i> SARKAR, 1955	97
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>ramkrishnai major</i> THOMEL et al., 1990	97
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>ramkrishnai maureli</i> THOMEL, 1965	97
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>ramkrishnai</i> SARKAR, 1955	97
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>sarasini ganeshai</i> SARKAR, 1955	98
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>sarasini</i> SARKAR, 1955	97
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>sarasini villoutreysi</i> THOMEL et al., 1990	98
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>shankariae</i> SARKAR, 1955	98
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>spathi</i> SARKAR, 1955	98
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>tabarelli</i> (ASTIER, 1851)	98
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>tabarelli sugriyai</i> SARKAR, 1955	99
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>terveri</i> (ASTIER, 1851)	99
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>terveri dilatatum</i> THOMEL et al., 1990	100
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>terveri splendens</i> THOMEL et al., 1990	100
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>uhligi multituberculatum</i> THOMEL et al., 1990	100
<i>Acrioceras</i> (<i>Acrioceras</i>) <i>uhligi</i> SARKAR, 1955	100
<i>Acrioceras</i> (<i>Acrioceras</i>)? <i>taratae</i> SARKAR, 1955	99
<i>Acrioceras</i> (<i>Acrioceras</i>)? <i>vespertinum</i> (ANDERSON, 1938)	100
<i>Acrioceras</i> (<i>Acrioceras</i>)? <i>voyanum</i> ANDERSON, 1938	100
<i>Acrioceras</i> (<i>Acrioceras</i>)? <i>zulu</i> KLINGER & KENNEDY, 1992	100
Acrioceras (Paraspinoceras) SARKAR, 1955	101
<i>Acrioceras</i> (<i>Paraspinoceras</i>) <i>fourneti</i> (ASTIER, 1851)	101
<i>Acrioceras</i> (<i>Paraspinoceras</i>) <i>jourdani</i> (ASTIER, 1851)	101
<i>Acrioceras</i> (<i>Paraspinoceras</i>) <i>mordoti</i> (OOSTER, 1860)	101
<i>Acrioceras</i> (<i>Paraspinoceras</i>) <i>pulcherrimum</i> (D'ORBIGNY, 1842)	102
<i>Acrioceras</i> (<i>Paraspinoceras</i>)? <i>rosariense</i> MYCZYŃSKI, 1977	103
<i>Acrioceras</i> (<i>Protaerioceras</i>) <i>ornatum</i> var. <i>latispira</i> THOMEL, 1965	92
<i>Acrioceras bonarellii</i> LEANZA, 1970	131
<i>Acrioceras breistrofferi</i> SARKAR, 1955	221
<i>Acrioceras nagerai</i> LEANZA, 1970	109
<i>Acrioceras piveteaui</i> SARKAR, 1955	290
<i>Acrioceras puzosianum</i> var. <i>drumensis</i> SARKAR, 1955	93
<i>Acrioceras seringei</i> var. <i>multicostata</i> SARKAR, 1955	286
<i>Acrioceras starrkingi</i> ANDERSON, 1938	111
<i>Acrioceras terveri</i> var. <i>monopujae</i> SARKAR, 1955	290
<i>Acrioceras terveri</i> var. <i>multicostata</i> SARKAR, 1955	289
<i>Acrioceras thoralis</i> SARKAR, 1955	93
ACRIOCERATIDAE VERMEULEN, 2004	94
<i>acuarua</i> , <i>Ptychohamulina</i>	279
<i>aculeatum</i> , <i>Hoplocrioceras</i>	114
<i>acutecostatum</i> , <i>Tropaeum</i> (<i>Tropaeum</i>)	160
<i>acuticostata</i> , ? <i>Hamulina</i>	271
<i>acuticostatum</i> , <i>Himantoceras</i>	31
<i>acutituberculatum</i> , <i>Protancyloceras</i>	13
<i>adjiderensis</i> , <i>Luppovia</i>	172
<i>adpressum</i> , <i>Mastigohamites</i>	269
<i>aegoceras</i> , <i>Parancyloceras</i>	28
Aegocrioceras SPATH, 1924	21
<i>Aegocrioceras bicarinatum</i> (YOUNG & BIRD, 1828)	21
<i>Aegocrioceras bucklandi</i> (BUCKLAND, 1836)	22
<i>Aegocrioceras capitanei</i> SPATH, 1924	22
<i>Aegocrioceras capricornu</i> (ROEMER, 1841)	22
<i>Aegocrioceras compressiformis</i> RAWSON, 1966	23
<i>Aegocrioceras densiradiatum</i> RAWSON, 1970	23
<i>Aegocrioceras intermedium</i> (Bean MS., non Phillips) SPATH, 1924	21
<i>Aegocrioceras ligatum</i> SPATH, 1924	25

<i>Aegocrioceras quadratum</i> (CRICK, 1898).....	24
<i>Aegocrioceras raricostatum</i> (PHILLIPS, 1929).....	24
<i>Aegocrioceras semicinctum</i> (ROEMER, 1841).....	25
<i>Aegocrioceras spathi</i> RAWSON, 1975.....	25
<i>Aegocrioceras speetonensis</i> RAWSON, 1966.....	24
<i>Aegocrioceras subnodosum</i> (ROEMER, 1841).....	26
<i>Aegocrioceras subseeleyi</i> SPATH, 1924.....	21
<i>Aegocrioceras? koeneni</i> SPATH, 1924.....	23
<i>Aegocrioceras? seeleyi</i> (NEUMAYR & UHLIG, 1881).....	25
AEGOCRIOCERATIDAE VERMEULEN, 2006.....	21
<i>aequatoriale, ?Pedioceras</i>	86
<i>aequingulatus, Tonohamites</i>	112
<i>aequicostatum subtile, Hoplocrioceras</i>	114
<i>aequicostatum, Hoplocrioceras</i>	114
<i>aequicostatum, Karsteniceras</i>	232
<i>aequicostatus, Helicancylus</i>	130
<i>aequipartitum, Paracrioceras</i>	81
<i>afra, Macroscaphites</i>	293
<i>africanus, Bochianites</i>	2
<i>ahausense, Ancyloceras</i>	133
<i>ajax, Audouliceras</i>	140
<i>alamense, Protancyloceras</i>	13
<i>albionensis, Martelites</i>	191
<i>aldersoni, Hamulina</i>	271
Aletceras WHITEHOUSE, 1926.....	256
<i>Aletceras navitiloides</i> (ETHERIDGE, 1909).....	256
<i>Aletceras plectoides</i> (ETHERIDGE, 1909).....	256
<i>Aletceras tardicostatum</i> WHITEHOUSE, 1926.....	256
ALETCECERATIDAE WHITEHOUSE, 1926.....	245
<i>aliense, Hamiticeras</i>	132
<i>alpinum, Acanthoptychoceras</i>	283
<i>alpinum, Barrancyloceras</i>	223
<i>alpinus, Macroscaphites</i>	293
<i>altissimum, Myloceras (Calliscaphites)</i>	254
<i>altum, Proaustraliceras</i>	155
<i>amadei, Spinocrioceras</i>	228
<i>amaltheia, Myloceras</i>	249
<i>ambikynensis, Bochianites</i>	2
<i>Ammonites (Crioceras) occultum</i> SEELEY, 1865.....	81
<i>Ammonites (Crioceras) occultus</i> SEELEY, 1865.....	84
<i>Ammonites (Hoplitcs?) uhligi</i> WEERTH, 1884.....	262
<i>Ammonites (Lytoceras) Grebeniamus</i> TIETZE, 1872.....	299
<i>Ammonites aequatorialis</i> VON BUCH, 1839.....	87
<i>Ammonites angulicostatus</i> D'ORBIGNY, 1841.....	36
<i>Ammonites Caguesensis</i> KARSTEN, 1858.....	87
<i>Ammonites crioceroïdes</i> TORCAPEL, 1884.....	62
<i>Ammonites Domeykanus</i> BAYLE & COQUAND, 1851.....	29
<i>Ammonites fascicularis</i> D'ORBIGNY, 1840.....	122
<i>Ammonites Ferandianus</i> D'ORBIGNY, 1841.....	214
<i>Ammonites Ferandianus</i> D'ORBIGNY, 1841.....	213
<i>Ammonites Guerinianus</i> D'ORBIGNY, 1850.....	89
<i>Ammonites Hamilcar</i> COQUAND, 1852.....	296
<i>Ammonites macilentus</i> D'ORBIGNY, 1841.....	57
<i>Ammonites microcostatus</i> SIMONOVICH, BATSEVICH & SOROKIN, 1875.....	299
<i>Ammonites Mortillieri</i> PICTET & DE LORIOI, 1858.....	57
<i>Ammonites nodulosus</i> CATULLO, 1848.....	89
<i>Ammonites Ohmi</i> WINKLER, 1868.....	59
<i>Ammonites recticostatus</i> D'ORBIGNY, 1841.....	298, 301
<i>Ammonites Rionensis</i> SIMONOVICH, BATSEVICH & SOROKIN, 1875.....	193
<i>Ammonites Soulieri</i> MATHERON, 1880.....	213, 216
<i>Ammonites stanislasi</i> TORCAPEL, 1884.....	262
<i>Ammonites Steinmani</i> BATSEVICH, 1873.....	225
<i>Ammonites striatulsulcatus</i> D'ORBIGNY, 1841.....	295
<i>Ammonites Ubaquensis</i> KARSTEN, 1858.....	88
<i>Ammonites verrucosus</i> HUPÉ, 1854.....	85
<i>Ammonites Voironensis</i> PICTET & DE LORIOI, 1858.....	90
Ammonitoceras DUMAS, 1876.....	150
<i>Ammonitoceras bughtonense</i> CASEY, 1961.....	171
<i>Ammonitoceras Carolinum</i> FLANDRIN, 1929.....	127
<i>Ammonitoceras colchicum</i> KAKABADZE, 1981.....	150
<i>Ammonitoceras galanense</i> KAKABADZE & HOEDJMAEKER, 2004.....	150
<i>Ammonitoceras giganteum</i> KAKABADZE & HOEDJMAEKER, 2004.....	150
<i>Ammonitoceras lahuseni</i> (SINZOW, 1906).....	150
<i>Ammonitoceras rex</i> CASEY, 1980.....	150
<i>Ammonitoceras sowerbyi</i> CASEY, 1961.....	151
<i>Ammonitoceras tovilense</i> CRICK, 1917.....	151
<i>Ammonitoceras transcaspium</i> (SINZOW, 1908).....	151
<i>Ammonitoceras uctiae</i> DUMAS, 1876.....	151
<i>Ammonitoceras Uctiae</i> DUMAS, 1876.....	150
<i>Ammonitoceras? robustum</i> (VON KOENEN, 1902).....	151
<i>ammonoides, Myloceras</i>	250
Amorina VERMEULEN, 2005.....	278
<i>Amorina cincta</i> (D'ORBIGNY, 1852).....	278
<i>Amorina fumisugium</i> (UHLIG, 1883).....	279
<i>Amorina hoheneggeri</i> (UHLIG, 1883).....	279
<i>Amorina pindulensis</i> (VAŠIČEK et al., 2004).....	279
<i>Amorina uhligi</i> VAŠIČEK et al., 2004.....	279
<i>ampakabense, Menuthiocrioceras</i>	46
<i>amplexus, Colchidites</i>	182
Anahamulina HYATT, 1900.....	274
<i>Anahamulina beskydensis</i> VAŠIČEK, 1972.....	281
<i>Anahamulina botvensis</i> DIMITROVA, 1967.....	177
<i>Anahamulina davidsoni</i> (MATHERON, 1880).....	274
<i>Anahamulina distans</i> UHLIG, 1883.....	282
<i>Anahamulina glembachensis</i> IMMEL, 1987.....	281
<i>Anahamulina lorioli</i> (UHLIG, 1883).....	274
<i>Anahamulina nicortsmindensis</i> (ERISTAVI, 1955).....	275
<i>Anahamulina picteti</i> (VON EICHWALD, 1868).....	275
<i>Anahamulina pindulensis</i> VAŠIČEK et al., 2004.....	279
<i>Anahamulina rothi</i> VAŠIČEK, 1972.....	282
<i>Anahamulina silesiaca</i> (UHLIG, 1883).....	275
<i>Anahamulina subcylindrica</i> (D'ORBIGNY, 1850).....	275
<i>Anahamulina uhligi</i> VAŠIČEK et al., 2004.....	279
<i>Anahamulina vespertina</i> ANDERSON, 1938.....	100
<i>Anahamulina wilcoxensis</i> IMLAY, 1960.....	276
<i>Anahamulina? crassicostata</i> (KARAKASCH, 1907).....	274
ANAHAMULINIDAE BREISTROFFER, 1952.....	271
<i>anahuacense, Protancyloceras</i>	13
<i>Anciloceras Simbirskensis</i> SINZOW, 1872.....	155
Ancylozeiceras VERMEULEN, 2006.....	221
<i>Ancylozeiceras breistrofferi</i> (SARKAR, 1955).....	221
Ancyloceras D'ORBIGNY, 1842.....	133
<i>Ancyloceras phasiense</i> ROUCHADZE, 1933.....	124
<i>Ancyloceras (Audouliceras) cooperi</i> KLINGER & KENNEDY, 1977.....	142
<i>Ancyloceras (Audouliceras) thomeli</i> VERMEULEN, 2006.....	144
<i>Ancyloceras? impar</i> VON KOENEN, 1902.....	27
<i>Ancyloceras Ackermanni</i> KRENKEL, 1910.....	151
<i>Ancyloceras ahausense</i> SIMIONESCU, 1900.....	134
<i>Ancyloceras ajax</i> ANDERSON, 19381.....	141
<i>Ancyloceras angulatum</i> TORCAPEL, 1884.....	39
<i>Ancyloceras angulosum major</i> VON KOENEN, 1902.....	261
<i>Ancyloceras angulosum</i> VON KOENEN, 1902.....	261
<i>Ancyloceras anthulai</i> ERISTAVI, 1955.....	121
<i>Ancyloceras asperulum</i> VON KOENEN, 1902.....	107, 134
<i>Ancyloceras attrax</i> ANDERSON, 1938.....	147
<i>Ancyloceras audouli</i> ASTIER, 1851.....	140
<i>Ancyloceras Audouli</i> ASTIER, 1851.....	141
<i>Ancyloceras bailense</i> VERMEULEN, 1996.....	118

<i>Ancyloceras beyrichii</i> KARSTEN, 1858	232
<i>Ancyloceras Beyrichii</i> KARSTEN, 1858	233
<i>Ancyloceras Binelli</i> ASTIER, 1851	50
<i>Ancyloceras biplicatum</i> VON KOENEN, 1902	117
<i>Ancyloceras hispinatus</i> REYNÈS, 1876	38
<i>Ancyloceras brancoi</i> VON KOENEN, 1904	135
<i>Ancyloceras brevis</i> D'ORBIGNY, 1842	119, 121
<i>Ancyloceras brevispina</i> VON KOENEN, 1902	214
<i>Ancyloceras Brunneri</i> OOSTER, 1860	18
<i>Ancyloceras Capellini</i> MATHERON, 1880	177
<i>Ancyloceras colchidense</i> ROUCHADZE, 1933	141
<i>Ancyloceras Columbiae</i> BASSE, 1928	159
<i>Ancyloceras Coquandi</i> var. <i>imerica</i> ROUCHADZE, 1933	122
<i>Ancyloceras cordycepoides</i> ETHERIDGE, 1905	258, 259
<i>Ancyloceras costellatum</i> VON KOENEN, 1902	135
<i>Ancyloceras Couloni</i> OOSTER, 1860	92
<i>Ancyloceras covatshevici</i> DIMITROVA, 1967	135
<i>Ancyloceras decorum</i> VON EICHWALD, 1868	294
<i>Ancyloceras deeckeii</i> VON KOENEN, 1904	135
<i>Ancyloceras Deslessi</i> REYNÈS, 1876	39
<i>Ancyloceras dichotomum</i> ROUCHADZE, 1933	122
<i>Ancyloceras dilatatus</i> D'ORBIGNY, 1842	64
<i>Ancyloceras d'Orbignyianus</i> MATHERON, 1842	123
<i>Ancyloceras Doublieri</i> JAUBERT, 1856	285
<i>Ancyloceras durrelli</i> ANDERSON, 1938	135
<i>Ancyloceras Duvalianus</i> D'ORBIGNY, 1842	119, 122
<i>Ancyloceras elephas</i> ANDERSON, 1938	142
<i>Ancyloceras Escheri</i> OOSTER, 1860	241
<i>Ancyloceras Ewaldi</i> DAMES, 1880	142
<i>Ancyloceras Fallauxi</i> var. <i>mozambiquense</i> KRENKEL, 1910	142
<i>Ancyloceras Flindersi</i> MCCOY, 1867	255
<i>Ancyloceras Fourneti</i> ASTIER, 1851	101
<i>Ancyloceras Fournieri</i> ROUCHADZE, 1933	156
<i>Ancyloceras furcatus</i> D'ORBIGNY, 1842	208
<i>Ancyloceras giganteum</i> YABE & SHIMIZU, 1931	135
<i>Ancyloceras godaganense</i> ROUCHADZE, 1933	123
<i>Ancyloceras gracile</i> OPPEL, 1865	14
<i>Ancyloceras Guembeli</i> OPPEL, 1865	13
<i>Ancyloceras Heberti</i> REYNÈS, 1876	92
<i>Ancyloceras Heeri</i> OOSTER, 1860	230
<i>Ancyloceras helicocerooides</i> ERISTAVI, 1955	128
<i>Ancyloceras helicoides</i> ROUCHADZE, 1933	128
<i>Ancyloceras helicoides</i> v. <i>robusta</i> ERISTAVI, 1955	129
<i>Ancyloceras incumbens minor</i> VON KOENEN, 1902	261
<i>Ancyloceras incumbens</i> VON KOENEN, 1902	261
<i>Ancyloceras innexum</i> VON KOENEN, 1902	27
<i>Ancyloceras insignis</i> PICTET & CAMPICHE, 1861	25
<i>Ancyloceras Jauberti</i> ASTIER, 1851	290
<i>Ancyloceras Jourdani</i> ASTIER, 1851	101
<i>Ancyloceras Koechlini</i> ASTIER, 1851	76
<i>Ancyloceras Kutatisiense</i> ROUCHADZE, 1933	123
<i>Ancyloceras laeviusculum</i> VON KOENEN, 1902	116
<i>Ancyloceras Lardyi</i> OOSTER, 1860	63
<i>Ancyloceras lithancyliforme</i> IMMEL, 1987	136
<i>Ancyloceras lorioli</i> MATHERON, 1880	42
<i>Ancyloceras maioense</i> STAHL-HECKER, 1935	96
<i>Ancyloceras mantelli</i> CASEY, 1960	136
<i>Ancyloceras Martinsi</i> REYNÈS, 1876	289
<i>Ancyloceras matheronianum derogati</i> ROCH, 1927	137
<i>Ancyloceras matheronianum</i> D'ORBIGNY, 1842	136
<i>Ancyloceras Matheronianum</i> D'ORBIGNY, 1842	133
<i>Ancyloceras matheronianum moreti</i> ROCH, 1927	137
<i>Ancyloceras Meriani</i> OOSTER, 1860	96
<i>Ancyloceras Morloti</i> OOSTER, 1860	101
<i>Ancyloceras Moussoni</i> OOSTER, 1860	91
<i>Ancyloceras Moutoni</i> ASTIER, 1851	77
<i>Ancyloceras Mulsanti</i> ASTIER, 1851	63, 64
<i>Ancyloceras nodulosum</i> VON KOENEN, 1902	262
<i>Ancyloceras obovatum</i> VON KOENEN, 1902	138
<i>Ancyloceras obtusatum</i> VON KOENEN, 1902	138
<i>Ancyloceras ornatum</i> D'ORBIGNY, 1850	91
<i>Ancyloceras ornatus</i> D'ORBIGNY, 1850	92
<i>Ancyloceras Panescorsii</i> ASTIER, 1851	44
<i>Ancyloceras patagonicum</i> STOLLEY, 1912	132
<i>Ancyloceras puezianum</i> D'ORBIGNY, 1850	138
<i>Ancyloceras Picteti</i> OOSTER, 1860	285
<i>Ancyloceras puezianum</i> (KILIAN, 1910)	138
<i>Ancyloceras Pugnairii</i> ASTIER, 1851	235
<i>Ancyloceras pulcherrimus</i> D'ORBIGNY, 1842	101, 102
<i>Ancyloceras Puzosianus</i> D'ORBIGNY, 1842	92
<i>Ancyloceras Quenstedti</i> OOSTER, 1860	53
<i>Ancyloceras Rasgradi</i> TOULA, 1892	78
<i>Ancyloceras recticostatus</i> ERISTAVI, 1955	130
<i>Ancyloceras renauxianum pschekense</i> EGOIAN, 1977	144
<i>Ancyloceras Renauxianus</i> D'ORBIGNY, 1842	143
<i>Ancyloceras renauxianus</i> var. <i>caucasica</i> EGOIAN, 1959	143
<i>Ancyloceras rionense</i> ROUCHADZE, 1933	130
<i>Ancyloceras robustum</i> VON KOENEN, 1902	151
<i>Ancyloceras rochi</i> DIMITROVA, 1967	138
<i>Ancyloceras rochi</i> SARKAR, 1955	138
<i>Ancyloceras sabaudianus</i> PICTET & DE LORIOI, 1858	239, 240
<i>Ancyloceras Sablieri</i> ASTIER, 1851	70
<i>Ancyloceras sahoriense</i> ROUCHADZE, 1933	124
<i>Ancyloceras Sartousii</i> ASTIER, 1851	93
<i>Ancyloceras scalare</i> VON KOENEN, 1902	29
<i>Ancyloceras Seringei</i> ASTIER, 1851	285, 286
<i>Ancyloceras simplex</i> D'ORBIGNY, 1842	146
<i>Ancyloceras sparcicostatus</i> ERISTAVI, 1955	124
<i>Ancyloceras Studeri</i> OOSTER, 1860	19
<i>Ancyloceras tabarelli</i> ASTIER, 1851	94
<i>Ancyloceras Tabarelli</i> ASTIER, 1851	98
<i>Ancyloceras Taylori</i> ETHERIDGE, 1892	112
<i>Ancyloceras tenuiplicatum</i> VON KOENEN, 1902	145
<i>Ancyloceras Terveri</i> ASTIER, 1851	99
<i>Ancyloceras Thiollieri</i> ASTIER, 1851	79
<i>Ancyloceras thomeli</i> MURPHY, 1975	144
<i>Ancyloceras toucasti</i> KILIAN & REBOUL, 1915	139
<i>Ancyloceras trispinosum</i> VON KOENEN, 1902	217
<i>Ancyloceras tsaltsithelense</i> ROUCHADZE, 1933	144
<i>Ancyloceras tsaltuboense</i> ROUCHADZE, 1933	158
<i>Ancyloceras Tzotnei</i> ROUCHADZE, 1933	144
<i>Ancyloceras urbani</i> (NEUMAYR & UHLIG, 1881)	139
<i>Ancyloceras Urbani</i> var. <i>Paquieri</i> KILIAN & REBOUL, 1915	129
<i>Ancyloceras Vanden-Heckii</i> ASTIER, 1851	118
<i>Ancyloceras vandenheckii veleziianum</i> KAKABADZE & THIEULOY, 1991	119
<i>Ancyloceras variabile</i> MAAS, 1895	28
<i>Ancyloceras varians</i> D'ORBIGNY, 1842	139
<i>Ancyloceras waageni rouchadzei</i> DIMITROVA, 1967	125
<i>Ancyloceras Waageni sapitshkiensis</i> ROUCHADZE, 1933	125
<i>Ancyloceras Waagenioides</i> ROUCHADZE, 1938	125
<i>Ancyloceras Xelhuae</i> FELIX, 1891	17
<i>Ancyloceras? asterianum</i> D'ORBIGNY, 1850	134
<i>Ancyloceras? biplex</i> var. <i>incrassata</i> VON KOENEN, 1902	107
<i>Ancyloceras? biplex</i> VON KOENEN, 1902	107
<i>Ancyloceras? choshiense</i> SHIMIZU, 1931	135

<i>Ancyloceras?</i> <i>clareti</i> DE ROUVILLE, 1857	135
<i>Ancyloceras?</i> <i>cornuelianum</i> (D'ORBIGNY, 1842)	135
<i>Ancyloceras?</i> <i>elatum tenuicostatum</i> VON KOENEN, 1902	135
<i>Ancyloceras?</i> <i>elatum</i> VON KOENEN, 1902	135
<i>Ancyloceras?</i> <i>fusiforme</i> VON KOENEN, 1902	108
<i>Ancyloceras?</i> <i>humboldtianum</i> (LEA, 1841)	136
<i>Ancyloceras?</i> <i>munieri</i> REYNES, 1876	138
<i>Ancyloceras?</i> <i>planicosta</i> VON KOENEN, 1902	138
<i>Ancyloceras?</i> <i>pseudourbani</i> SINZOW, 1905	138
<i>Ancyloceras?</i> <i>subsimplex</i> VON GÜMBEL, 1861	139
<i>Ancyloceras?</i> <i>tenuistriatum</i> VON GÜMBEL, 1861	139
<i>Ancyloceras?</i> <i>zervortii</i> SARKAR, 1955	140
<i>Ancyloceras?</i> <i>zetteli</i> (UHLIG, 1883)	140
ANCYLOCERATIDAE GILL, 1871	118
ANCYLOCERATOIDEA GILL, 1871	31
ANCYLOCERATOIDEA familia incerta	260
ANCYLOCERATOIDEA genus incertum	260
<i>Ancylotropaeum</i> CASEY, 1980	167
<i>Ancylotropaeum baylissi</i> (CASEY, 1980)	167
<i>Ancylotropaeum hillsii</i> (J. DE C. SOWERBY, 1837)	168
<i>Ancylotropaeum ponderosum</i> (CASEY, 1980)	168
<i>Ancylotropaeum pseudohillsii</i> (CASEY, 1980)	168
<i>andersoni</i> , <i>Spathioceras</i>	51
<i>andinum</i> , ? <i>Paracioceras</i>	81
<i>andinum</i> , <i>Myloceras</i> (<i>Callicaphites</i>)	254
<i>andreae</i> , <i>Paracioceras</i>	81
<i>anglesense</i> , <i>Acrioceras</i> (<i>Acrioceras</i>)	94
<i>anglesensis</i> , <i>Crioceratites</i>	34
<i>anglesensis</i> , <i>Crioceratites</i> non Sarkar	34
<i>anglicum</i> , ? <i>Shastioceras</i>	287
<i>angulatus</i> , <i>Crioceratites</i>	34
<i>angulicostata tuberculata</i> , <i>Pseudothurmannia</i>	55
<i>angulicostatus</i> , <i>Crioceratites</i>	34
<i>angulosum major</i> , <i>Ancyloceras</i>	260
<i>angulosum</i> , <i>Ancyloceras</i>	260
<i>Anisoceras carcitense</i> MATHERON, 1880	132
<i>Anisoceras Gerardianum</i> STOLICZKA, 1866	3
<i>annulare</i> , <i>Pseudomoutoniceras</i>	196
<i>annulatum</i> , <i>Paracioceras</i>	81
<i>annulatum</i> , <i>Toxoceras</i>	244
<i>Annuloceras</i> MURPHY, RODDA & EMBREE, 1995	29
<i>Annuloceras summersi</i> MURPHY, RODDA & EMBREE, 1995	29
<i>Anosoceras</i> (<i>Protanisoceras</i>) <i>raulinianiforme</i> BREISTROFFER in COLLIGNON, 1937	169
<i>Antarcticoceras</i> THOMSON, 1974	172
<i>Antarcticoceras antarcticum</i> THOMSON, 1974	172
<i>antarcticum</i> , ? <i>Tropaeum</i> (<i>Tropaeum</i>)	160
<i>antarcticum</i> , <i>Antarcticoceras</i>	172
<i>anthulai</i> , <i>Pseudocrioceras</i>	119
<i>antiquus</i> , <i>Turkmeniceras</i>	210
<i>aontzyense</i> <i>Menuthiocrioceras</i>	46
<i>apolinari</i> , <i>Colchidites</i>	182
<i>apollinaria</i> , <i>Pedioceras</i>	86
<i>Appurdiceras</i> WHITEHOUSE, 1926	258
<i>Appurdiceras</i> (?) <i>etheridgei</i> WHITEHOUSE, 1926	247
<i>apricum</i> , ? <i>Davouxiceras</i>	67
<i>apricum</i> , <i>Proaustraliceras</i>	155
<i>arci</i> , <i>Crioceratites</i>	34
<i>arcticum</i> , <i>Tropaeum</i> (<i>Tropaeum</i>)	160
<i>argosensis</i> , <i>Sabaudiella</i>	240
<i>argus</i> , <i>Australiceras</i>	152
<i>Argvethites</i> ROUCHADZE, 1933	207
<i>Argvethites balchanicus</i> KAKABADZE, 1975	208
<i>Argvethites belaiensis</i> KAKABADZE, 1975	208
<i>Argvethites densecostatus</i> KAKABADZE, 1975	208
<i>Argvethites godoganiensis</i> KAKABADZE, 1975	209
<i>Argvethites lashensis communis</i> ROUCHADZE, 1933	209
<i>Argvethites lashensis</i> ROUCHADZE, 1933	209
<i>Argvethites minor</i> ROUCHADZE, 1933	209
<i>Argvethites raricostatus</i> KAKABADZE, 1975	209
<i>Argvethites vougeresi</i> DELANOY, 1998	210
<i>Argvethites zirkvansis</i> KAKABADZE, 1975	210
<i>Argvethites?</i> <i>furcatus</i> (D'ORBIGNY, 1842)	208
<i>Argvethites?</i> <i>subfurcatus</i> (PATRULIUS, 1969)	210
<i>arkelli</i> , <i>Crioceratites</i>	34
<i>asiaticum</i> , <i>Karsteniceras</i>	232
<i>asiaticum</i> , <i>Paracioceras</i>	81
<i>asperulum</i> , <i>Ancyloceras</i>	133
<i>asperulus</i> , <i>Toxoceratoides</i>	105
<i>Aspidoceras Benecke</i> HAUG, 1889	88
<i>Aspidoceras pachycyclus</i> UHLIG, 1883	89
<i>Aspidoceras Percevali</i> UHLIG, 1883	88, 89
<i>Aspinoceras</i> ANDERSON, 1938	114
<i>Aspinoceras hamlini</i> ANDERSON, 1938	114, 116
<i>Aspinoceras kajgorodevi</i> VERESHCHAGIN, 1977	116
<i>Aspinoceras monmothoi</i> SARKAR, 1955	180
<i>assimilis</i> , <i>Hamulinites</i>	236
<i>astarte</i> , <i>Ezeiceras</i>	220
<i>astieri</i> , ? <i>Pseudomoutoniceras</i>	196
<i>astieriana ratschensis</i> , <i>Hamulina</i>	271
<i>astieriana</i> , <i>Hamulina</i>	271
<i>astierianum</i> , ? <i>Ancyloceras</i>	133
<i>astierianum</i> , <i>Heteroceras</i>	174
<i>astierianum</i> , <i>Megacrioceras</i>	285
<i>asymmetricum</i> , <i>Pedioceras</i>	86
<i>Atopoceras</i> KILIAN, 1889	174
<i>atsharensis</i> , <i>Colchidites</i>	182
<i>attrox</i> , ? <i>Lithancylus</i>	146
<i>audouli</i> , <i>Audouliceras</i>	140
<i>Audouliceras</i> THOMEL, 1965	140
<i>Audouliceras ajax</i> (ANDERSON, 1938)	141
<i>Audouliceras audouli</i> (ASTIER, 1851)	141
<i>Audouliceras badioticum</i> (UHLIG, 1888)	141
<i>Audouliceras cooperi</i> (KLINGER & KENNEDY, 1977) ..	142
<i>Audouliceras elephas</i> (ANDERSON, 1938)	142
<i>Audouliceras ewaldi</i> (DAMES, 1880)	142
<i>Audouliceras fallauxi</i> (UHLIG, 1883)	142
<i>Audouliceras georgicum</i> KAKABADZE, 1978	142
<i>Audouliceras kaliae</i> (SARKAR, 1955)	142
<i>Audouliceras mozambiquense</i> (KRENKEL, 1910)	142
<i>Audouliceras renauxianum</i> (D'ORBIGNY, 1842)	143
<i>Audouliceras renauxianum caucasicum</i> (EGOIAN, 1959) ..	143
<i>Audouliceras renauxianum elegans</i> KAKABADZE, 1981 ..	143
<i>Audouliceras renauxianum pschekense</i> (EGOIAN, 1977) ..	144
<i>Audouliceras thomeli</i> (MURPHY, 1975)	144
<i>Audouliceras thomeli</i> AVRAM, 1976	144
<i>Audouliceras tsaltsithelense</i> (ROUCHADZE, 1933)	144
<i>Audouliceras tzotnei</i> (ROUCHADZE, 1933)	144
<i>Audouliceras?</i> <i>colchidense</i> (ROUCHADZE, 1933)	141
<i>aurita aurita</i> , <i>Auritina</i>	283
<i>aurita obliqua</i> , <i>Auritina</i>	283
<i>aurita uhligi</i> , <i>Auritina</i>	284
<i>Auritina</i> EGOIAN, 1989	283
<i>Auritina aurita aurita</i> EGOIAN, 1989	284
<i>Auritina aurita obliqua</i> EGOIAN, 1989	284
<i>Auritina aurita uhligi</i> EGOIAN, 1989	284
<i>Auritina?</i> <i>sutneri</i> (UHLIG, 1883)	284
<i>auritulum</i> , <i>Myloceras</i>	250
<i>australe</i> , <i>Pseudoaustraliceras</i>	158

<i>caustreale</i> , <i>Tropaeum</i> (<i>Tropaeum</i>)	161
Australiceras WHITEHOUSE, 1926	152
<i>Australiceras</i> (<i>Proaustraliceras</i>) <i>colchicum</i> KAKABABZE, 1977	156
<i>Australiceras altum</i> GLAZUNOVA, 1973	156
<i>Australiceras apticum</i> GLAZUNOVA, 1973	156
<i>Australiceras argus</i> ANDERSON, 1938	152
<i>Australiceras asiaticum</i> MATSUMOTO, 1947	82
<i>Australiceras bolivari</i> (ROYO Y GOMEZ, 1945)	153
<i>Australiceras cardiense</i> AGUIRRE-URRETA, 1985	153
<i>Australiceras carinatoverrucosum</i> (SINZOW, 1905)	153
<i>Australiceras gigas</i> var. <i>anguimanum</i> CASEY, 1961	157
<i>Australiceras gigas</i> var. <i>arcuatum</i> CASEY, 1961	157
<i>Australiceras gigas</i> var. <i>inscriptum</i> CASEY, 1961	157
<i>Australiceras hallei</i> AGUIRRE-URRETA, 1985	153
<i>Australiceras hirtzi</i> COLLIGNON, 1962	159
<i>Australiceras irregulare</i> (TENISON WOODS, 1883)	153
<i>Australiceras jackii</i> (ETHERIDGE, 1880)	153
<i>Australiceras jasykowi</i> GLAZUNOVA, 1973	157
<i>Australiceras lampros</i> (ETHERIDGE, 1909)	154
<i>Australiceras pingue</i> CASEY, 1961	157
<i>Australiceras rahenjanahary</i> COLLIGNON, 1962	154
<i>Australiceras ramboulai</i> COLLIGNON, 1962	160
<i>Australiceras ramososeptatoides</i> (ROUCHADZE, 1938)	154
<i>Australiceras ramososeptatoides maximum</i> (ROUCHADZE, 1938)	154
<i>Australiceras robustum</i> WHITEHOUSE, 1926	154
<i>Australiceras rossicus</i> GLAZUNOVA, 1973	157
<i>Australiceras solidum</i> GLAZUNOVA, 1973	158
<i>Australiceras tenuicostatum</i> KAKABADZE, 1977	155
<i>Australiceras transiente</i> WHITEHOUSE, 1926	154
<i>Australiceras wandalinum</i> KLINGER & KENNEDY, 1977	155
<i>Australiceras?</i> <i>bulgaricum</i> DIMITROVA, 1967	153
<i>Australiceras?</i> <i>simbirskense</i> (SINZOW, 1872)	155
<i>australis</i> , <i>Crioceratites</i> (<i>Crioceratites</i>)	260
<i>australis</i> , <i>Lithancylus</i>	146
<i>autrani</i> , <i>Pseudoshasticioceras</i>	226
<i>avrami</i> , <i>Kutatissites</i>	126
<i>axonoides</i> , <i>Myloceras</i>	250
<i>baccatum</i> , <i>Myloceras</i> (<i>Flindersites</i>)	255
Baculina D'ORBIGNY, 1850	8
<i>Baculina rouyana</i> D'ORBIGNY, 1850	8
BACULINIDAE GILL, 1871	2
<i>Baculites Maldonadi</i> KARSTEN, 1858	4
<i>Baculites neocomiensis</i> D'ORBIGNY, 1842	2, 5
<i>Baculites Renevieri</i> OOSTER, 1860	7
<i>Baculites?</i> <i>Meyrati</i> OOSTER, 1860	4
<i>baculitoides</i> , <i>Bochianites</i>	2
<i>badioticum</i> , <i>Audouliceras</i>	140
<i>bailense</i> , <i>Toxancyloceras</i>	118
<i>balchanicus</i> , <i>Argvethites</i>	207
<i>balearis unituberculatus</i> , <i>Balearites</i>	48
<i>balearis</i> , <i>Balearites</i>	48
Balearites SARKAR, 1954	48
<i>Balearites balearis</i> (NOLAN, 1894)	48
<i>Balearites balearis unituberculatus</i> SARKAR, 1955	49
<i>Balearites koechliniformis</i> SARKAR, 1955	42
<i>Balearites labrousseae</i> SARKAR, 1955	49
<i>Balearites lorioli</i> DIMITROVA, 1967	49
<i>Balearites nolani</i> SARKAR, 1955	49
<i>Balearites paramhansi</i> SARKAR, 1955	49
<i>Balearites pseudothurmannii</i> DIMITROVA, 1967	49
<i>Balearites shankariae</i> SARKAR, 1955	50
<i>balernaensis</i> , <i>Leptoceratoides</i>	230
<i>balkarens</i> , <i>Parancyloceras</i>	28
<i>banksi</i> , <i>Paracrioceras</i>	81

<i>barrabei</i> , <i>Crioceratites</i>	34
<i>barrancense</i> , <i>?Protancyloceras</i>	13
Barrancyloceras VERMEULEN, 2000	223
<i>Barrancyloceras alpinum</i> (D'ORBIGNY, 1850)	224
<i>Barrancyloceras barremense</i> (KILIAN, 1895)	224
<i>Barrancyloceras hammatoptychum</i> (UHLIG, 1883)	225
<i>Barrancyloceras klipsteini</i> (UHLIG, 1888)	225
<i>Barrancyloceras maghrebiense</i> (IMMEL, 1978)	225
<i>Barrancyloceras mascarellii</i> VERMEULEN, 2005	226
<i>Barrancyloceras steinmani</i> (BATSEVICH, 1873)	225
<i>Barrancyloceras?</i> <i>parolinianum</i> (RODIGHERO, 1919)	225
<i>barremense multicostatum</i> , <i>Barrancyloceras</i>	223
<i>barremense recticostatum</i> , <i>Barrancyloceras</i>	223
<i>barremense</i> , <i>Barrancyloceras</i>	223
<i>barruoli</i> , <i>Martelites</i>	191
<i>basseae</i> , <i>Davouxiceras</i>	67
<i>baylei</i> , <i>Crioceratites</i>	34
<i>baylei</i> , <i>Heteroceras</i>	174
<i>baylissi</i> , <i>Ancylotropaeum</i>	167
<i>beani</i> , <i>Paracrioceras</i>	81
<i>bederi</i> , <i>Diamantiferas</i>	65
<i>behemoth</i> , <i>Shastoceras</i>	148
Bejucoceras CANTÚ CHAPA, 1976	26
<i>Bejucoceras simplecostatum</i> CANTÚ CHAPA, 1976	26
<i>belaiaensis</i> , <i>Argvethites</i>	207
<i>belaiaensis</i> , <i>Colchidites</i>	182
<i>belimelensis</i> , <i>Pseudothurmannia</i>	55
<i>belus</i> , <i>?Davouxiceras</i>	67
<i>beneckeii</i> , <i>Paraspitoceras</i>	88
<i>benstedti</i> , <i>Tropaeum</i> (<i>Tropaeum</i>)	161
<i>berti</i> , <i>Moutoniceras</i>	197
<i>besairiei</i> , <i>Menuthiocrioceras</i>	46
<i>besairiei</i> , <i>Myloceras</i>	250
<i>beskydensis</i> , <i>Terrestrina</i>	281
<i>bethleviensis</i> , <i>Colchidites</i>	182
<i>beyrichii</i> , <i>Karsteniceras</i>	232
<i>beyrichoide</i> , <i>Karsteniceras</i>	232
<i>biassalense</i> , <i>Euptychoceras</i>	9
<i>biassalensis</i> , <i>?Pseudothurmannia</i>	55
<i>bicarinarum</i> , <i>Aegocrioceras</i>	21
<i>bicostatum</i> , <i>Protancyloceras</i>	13
<i>bidentatum</i> , <i>Parancyloceras</i>	28
<i>bifurcatum trifurcatum</i> , <i>Heteroceras</i>	174
<i>bifurcatum</i> , <i>Heteroceras</i>	174
<i>bifurcatum</i> , <i>Shasticioceras</i>	287
<i>bifurcatus</i> , <i>Kutatissites</i>	126
<i>binelli tuberculatum</i> , <i>Binelliceras</i>	50
<i>binelli</i> , <i>Binelliceras</i>	50
<i>Binelliceras binelli</i> (ASTIER, 1851)	50
<i>Binelliceras fabreae</i> (THOMEL, 1965)	51
<i>Binelliceras ibizense</i> (WIEDMANN, 1962)	51
<i>Binelliceras nowaki</i> (SARKAR, 1955)	51
<i>binodosus</i> , <i>Costidiscus</i>	298
<i>binodosus</i> , <i>Macroscaphites</i>	293
<i>biplex incrassatus</i> , <i>Toxoceratoides</i>	105
<i>biplex</i> , <i>Toxoceratoides</i>	105
<i>biplicatus</i> , <i>Volgoceratoides</i>	117
<i>biramosum</i> , <i>Tropaeum</i> (<i>Tropaeum</i>)	161
<i>bispinatus</i> , <i>Crioceratites</i>	34
<i>bituberculatum</i> , <i>Myloceras</i>	250
<i>bituberculatus</i> , <i>Crioceratites</i>	34
<i>blandi</i> , <i>?Moutoniceras</i>	197
<i>blaronense</i> , <i>Heteroceras</i>	174
<i>bochianensis</i> , <i>Bochianites</i>	2
Bochianites LORY, 1898	2
<i>Bochianites africanus</i> (TATE, 1867)	3
<i>Bochianites ambikyenssis</i> COLLIGNON, 1962	3

<i>Bochianites baculitoides</i> ARNOULD-SAGET, 1953	3	<i>Camereicerias</i> DELANOY, 1990	217
<i>Bochianites bochianensis</i> ARNAUD-VANNEAU et al., 1987	3	<i>Camereicerias davouxi</i> DELANOY, 1990	218
<i>Bochianites demissus</i> BODYLEVSKY, 1960	3	<i>Camereicerias limentinum</i> (THIEULOY, 1979)	218
<i>Bochianites furcatocostatus</i> MANDOV, 1975	3	<i>Camereicerias suessi</i> (TOULA, 1892)	218
<i>Bochianites gerardianus</i> (STOLICZKA, 1866)	3	<i>Camereicerias ukense</i> (DIMITROVA, 1967)	218
<i>Bochianites glaber</i> KITCHIN, 1908	4	<i>Camereicerias? robustum</i> (BERT & DELANOY, 2000) ..	218
<i>Bochianites goubenchensis</i> MANDOV, 1971	6	<i>canasense, Criocerias</i>	260
<i>Bochianites gracilis</i> THOMSON, 1974	4	<i>capellini, ?Heterocerias</i>	174
<i>Bochianites hennigi</i> STAHLCKER, 1935	241	<i>capitanei, Aegocriocerias</i>	21
<i>Bochianites Janenschii</i> ZWIERZYCKI, 1914	11	<i>capricornu, Aegocriocerias</i>	21
<i>Bochianites kiliani</i> TURNER, 1962	4	<i>caquesense, Padiocerias</i>	86
<i>Bochianites laevis</i> LIU, 1988	4	<i>carcitane, Hamiticerias</i>	132
<i>Bochianites maldonadi</i> (KARSTEN, 1858)	4	<i>cardielense, Australicerias</i>	152
<i>Bochianites neocomiensiformis</i> MICHALIK & VASÍČEK, 1989	5	<i>carinatoverrucosum, Australicerias</i>	152
<i>Bochianites neocomiensis</i> (D'ORBIGNY, 1842)	5	<i>carolinus, Kutatissites</i>	126
<i>Bochianites neocomiensis lamberti</i> TURNER, 1962	7	<i>casanovai, Hemihoplites</i>	213
<i>Bochianites neocomiensis tuberculatus</i> MANDOV, 1971 ..	5	<i>caseyi, ?Tonohamites</i>	112
<i>Bochianites noricus</i> (WINKLER, 1868)	7	<i>caseyi, Tropaeum (Tropaeum)</i>	161
<i>Bochianites oosteri</i> SARASIN & SCHÖNDELMAYER, 1902 ..	5	Caspianites CASEY, 1961	170
<i>Bochianites paskentaensis</i> ANDERSON, 1938	7	<i>Caspianites boughtonensis</i> (CASEY, 1961)	171
<i>Bochianites superstes</i> PERVINQUIERE, 1910	12	<i>Caspianites cadoceriformis</i> (SINZOW, 1905)	171
<i>Bochianites thieuloidis</i> CANTU CHAPA, 1976	7	<i>Caspianites tuarkyriensis</i> KAKABADZE, 1981	171
<i>Bochianites undulatus</i> VON KOENEN, 1902	12	<i>Caspianites vectensis</i> CASEY, 1980	171
<i>Bochianites versteeghi</i> BOEHM, 1904	8	<i>Caspianites wasiliewskyi</i> (RENNGARTEN, 1926)	171
<i>Bochianites weteringi</i> BOEHM, 1904	8	<i>catalinense, Protancyloceras</i>	13
<i>Bochianites xizangensis</i> LIU, 1988	8	<i>catulloi, Pseudothurmannia</i>	55
<i>Bochianites zigzag</i> ETAYO-SERNA, 1985	8	<i>caucasicum, Paraspiticerias</i>	88
<i>Bochianites? glennensis</i> ANDERSON, 1945	4	<i>caucasicum, Pseudoaustalicerias</i>	158
<i>Bochianites? meyrati</i> (OOSTER, 1860)	4	<i>caucasicus, Toxoceratoides</i>	105
<i>Bochianites? renevieri</i> (OOSTER, 1860)	7	<i>centrifuga, Hoplocriocerias</i>	114
BOCHIANITIDAE SPATH, 1922	2	<i>chipatai, Hamiticerias</i>	132
BOCHIANITOIDEA SPATH, 1922	2	<i>choshiense, ?Ancyloceras</i>	133
<i>boldii, Tonohamites</i>	112	<i>chreithiensis, Kutatissites</i>	126
<i>bolivari, Australicerias</i>	152	Cicatrites ANTHULA, 1900	303
<i>bonarellii, ?Helicancylus</i>	130	<i>Cicatrites abichi</i> (ANTHULA, 1900)	303
<i>borzai, Euptychoceras</i>	9	<i>Cicatrites godoganensis</i> KAKABADZE, 2004	304
<i>botoeroi, Kutatissites</i>	126	<i>Cicatrites hokodzensis</i> LUPPOV, 1949	304
<i>botevense, ?Heterocerias</i>	174	CICATRITIDAE SPATH, 1927	289
<i>boughtonensis, Capianites</i>	171	<i>cincta, Amorina</i>	278
<i>bouladouxae bouladouxae, Emericiceras</i>	72	<i>circular, Helicancyloceras (Nonyaniceras)</i>	170
<i>bouladouxae bulgaricum, Emericiceras</i>	72	<i>cirtae, Karsteniceras</i>	232
<i>boutini, Duyeina</i>	280	<i>clareti, ?Ancyloceras</i>	133
<i>bowerbankii densistriatum, Tropaeum (Tropaeum)</i>	161	<i>clausus flexuosus, Sornayites</i>	61
<i>bowerbankii, Tropaeum (Tropaeum)</i>	161	<i>clausus, Sornayites</i>	61
<i>brancoi, Ancyloceras</i>	133	<i>closteroides, Tricoloceras</i>	269
<i>breistrofferi, Ancylozeiceras</i>	221	Cochlocriocerias SPATH, 1950	17
<i>breistrofferi, Colchidites</i>	182	<i>Cochlocriocerias turriculatum</i> SPATH, 1950	17
<i>breistakensis, Dissimilites</i>	103	<i>coheni, Pachyhemihoplites</i>	219
<i>breve, Pseudocriocerias</i>	119	<i>colcanapi Menuthiocriocerias</i>	46
<i>brevicostatus, Hemihoplites</i>	213	<i>colcanapi, Parapedioceras</i>	20
<i>brevihelicoides, Paraimerites</i>	203	<i>colchicum, Ammonitoceras</i>	150
<i>brevispina, ?Hemihoplites</i>	213	<i>colchicum, Proaustralicerias</i>	155
<i>brunneri, Leptoceras</i>	18	<i>colchicus renngarteni, Colchidites</i>	182
<i>brunneriformis, Leptoceratoides</i>	230	<i>colchicus, Colchidites</i>	182
<i>bryani acuticostatum, Labeceras</i>	245	<i>colchidense, ?Audouicerias</i>	140
<i>bryani, Labeceras</i>	245	Colchidites DIANÉLIDŽE, 1926	182
<i>bucklandi, Aegocriocerias</i>	21	<i>Colchidites (Imerites) dichotomum</i> ERISTAVI, 1955 ..	206
<i>budavadensis, Pascoeites</i>	222	<i>Colchidites (Imerites) dichotomus</i> ERISTAVI, 1955 ..	206
<i>bulgaricum, ?Australicerias</i>	152	<i>Colchidites (Imerites) varnensis</i> NIKOLOV, 1964	207
<i>buloti, Heterocerias</i>	174	<i>Colchidites amplexus</i> RENNGARTEN, 1951	184
<i>cabreraense, Paracriocerias</i>	81	<i>Colchidites apolinari</i> (ROYO Y GOMEZ, 1945)	184
<i>cadoceriformis, Capianites</i>	171	<i>Colchidites atsharensis</i> ROUCHADZE, 1933	184
<i>californicum, Shastoceras</i>	148	<i>Colchidites belaiensis</i> KAKABADZE, 1971	184
<i>Calliscaphites andinus</i> LEANZA, 1970	253, 254	<i>Colchidites bethleviensis</i> KAKABADZE, 1971	184
		<i>Colchidites breistrofferi</i> KAKABADZE & THIEULOY, 1991 ..	184
		<i>Colchidites colchicus</i> DIANÉLIDŽE, 1926	182, 185

<i>Colchidites colchicus renngarteni</i> ROUCHADZE, 1938.....	185	<i>compressum Memuthiocrioceras</i>	46
<i>Colchidites colleti</i> ROUCHADZE, 1933	185	<i>compressum, Aegocrioceras</i>	21
<i>Colchidites colleti sahariensis</i> ROUCHADZE, 1938	185	<i>compressum, Labeceras</i>	245
<i>Colchidites costatus</i> ROUCHADZE, 1933	179, 185	<i>compressus, Hamitoides</i>	257
<i>Colchidites cuneicostatus</i> KAKABADZE, 1971	186	<i>confertus, Crioceratites</i>	34
<i>Colchidites djanelidzei</i> ROUCHADZE, 1933.....	186	<i>contei, Pachyhemihoplites</i>	219
<i>Colchidites elissoae</i> KAKABADZE, 1971	186	<i>cooperi, Audouliceras</i>	140
<i>Colchidites ellipticus</i> ROUCHADZE, 1933.....	192	<i>coquandi imericum, Pseudocrioceras</i>	119
<i>Colchidites eristavii</i> KOTETISHVILI, 1970.....	186	<i>coquandi, Pseudocrioceras</i>	119
<i>Colchidites Gamkrelidzei</i> ROUCHADZE, 1933.....	192	<i>corae, Toxoceratoides</i>	105
<i>Colchidites guanensis</i> KAKABADZE & HOEDEMAEKER, 2004.....	186	<i>cordycepoides, Appuridiceras</i>	258
<i>Colchidites horeshaensis</i> ROUCHADZE, 1933	192	<i>cornagoae, Hemihoplites</i>	213
<i>Colchidites intermedius</i> DJANELIDZE, 1926.....	186	<i>cornucapri, ?Toxoceratoides</i>	106
<i>Colchidites kakabadzei</i> KOTETISHVILI, 1970	192	<i>cornucopium, Myloceras</i>	250
<i>Colchidites kakhadzei</i> ROUCHADZE, 1938	187	<i>cornuelianum, ?Ancyloceras</i>	133
<i>Colchidites kutatissiensis</i> KAKABADZE, 1971	187	<i>cornuelianum, ?Emericeras</i>	72
<i>Colchidites kvadaurensis</i> ROUCHADZE, 1933	192	<i>costatus, Colchidites</i>	182
<i>Colchidites lachepaensis</i> ROUCHADZE, 1933.....	187	<i>costellatum, Ancyloceras</i>	133
<i>Colchidites latecostatus</i> ROUCHADZE, 1933	192	Costidiscus UHLIG, 1882.....	298
<i>Colchidites legibilis</i> RENNGARTEN, 1951	187	<i>Costidiscus binodosus</i> KULJINSKAIA-VORONETZ, 1933.....	299
<i>Colchidites longicostatus</i> KAKABADZE, 1971.....	187	<i>Costidiscus grebenianus</i> (TIETZE, 1872)	299
<i>Colchidites longus</i> ROUCHADZE, 1933	187	<i>Costidiscus latus</i> ROUCHADZE, 1933.....	299
<i>Colchidites multicostatus</i> KAKABADZE, 1971.....	187	<i>Costidiscus madyae</i> VERMEULEN, 2007	299
<i>Colchidites multifurcatus</i> RENNGARTEN, 1951	187	<i>Costidiscus microcostatus</i> (SIMONOVICH, BATSEVICH & SOROKIN, 1875).....	299
<i>Colchidites naltshikensis</i> RENNGARTEN, 1951	187	<i>Costidiscus nodosocostatus</i> KARAKASCH, 1907	295
<i>Colchidites nicortsmindensis kopetdaghensis</i> TOVBINA, 1963	188	<i>Costidiscus nodosostriatus</i> (UHLIG, 1883)	300
<i>Colchidites nicortsmindensis</i> ROUCHADZE, 1933	188	<i>Costidiscus nodosostriatus munui</i> ERISTAVI, 1955	300
<i>Colchidites phasiensis</i> ROUCHADZE, 1938.....	188	<i>Costidiscus nodosostriatus sahyensis</i> KULJINSKAIA-VORONETZ, 1933	300
<i>Colchidites pseudovulanensis</i> KAKABADZE & HOEDEMAEKER, 2004.....	188	<i>Costidiscus olcostephanoides</i> (UHLIG, 1883)	300
<i>Colchidites raishensis kopetdaghensis</i> TOVBINA, 1963	188	<i>Costidiscus paucinodosus</i> RENNGARTEN, 1926.....	301
<i>Colchidites raishensis</i> ROUCHADZE, 1933	188	<i>Costidiscus rakusi</i> (UHLIG, 1883).....	301
<i>Colchidites riosuarezi</i> KAKABADZE & HOEDEMAEKER, 2004.....	188	<i>Costidiscus rakusi densecostatus</i> KULJINSKAIA-VORONETZ, 1933	301
<i>Colchidites rotundus</i> ROUCHADZE, 1933	188	<i>Costidiscus recticostatus</i> (D'ORBIGNY, 1841).....	301
<i>Colchidites rouchadzei</i> ERISTAVI, 1955.....	189	<i>Costidiscus recticostatus</i> var. <i>crassa</i> KILIAN, 1915	299
<i>Colchidites Sarasini</i> ROUCHADZE, 1933.....	193	<i>Costidiscus recticostatus</i> var. <i>plana</i> KILIAN, 1915.....	301
<i>Colchidites securiformis</i> (SIMONOVICH, BATSEVICH & SOROKIN, 1875)	189	<i>Costidiscus tardus</i> AVRAM, 1978	303
<i>Colchidites shaoriensis</i> DJANELIDZE, 1926.....	189	<i>Costidiscus tenuistriatus</i> (REPELIN, 1899)	303
<i>Colchidites spathi</i> BOSHOF, 1945.....	194	<i>coulletae, Gassendiceras</i>	223
<i>Colchidites striatocostatus</i> KAKABADZE & HOEDEMAEKER, 2004.....	189	<i>coulletii, Heteroceras</i>	174
<i>Colchidites tenuicostatus</i> KAKABADZE, 1971	189	<i>couloni, Protacrioceras</i>	91
<i>Colchidites tiniae</i> KAKABADZE, 1971	190	<i>covatshevici, Ancyloceras</i>	133
<i>Colchidites tobiniae</i> KAKABADZE, 1971	190	<i>crassetuberculatum magnum, Labeceras</i>	245
<i>Colchidites trifurcatus</i> KAKABADZE, 1971	190	<i>crassetuberculatum, Helicancyloceras</i> (Nonyaniceras)	170
<i>Colchidites Tzotnei</i> ROUCHADZE, 1933	194	<i>crassetuberculatum, Labeceras</i>	245
<i>Colchidites veleurensis</i> KAKABADZE, 1971	190	<i>crassicosata, ?Anahamulina</i>	274
<i>Colchidites vulanensis australis</i> KLINGER, KAKABADZE & KENNEDY, 1984	194	<i>crassicosatum, Labeceras</i>	245
<i>Colchidites vulanensis</i> EGOIAN, 1965.....	194	<i>crassispina, Paeriacrioceras</i>	81
COLCHIDITINAE KAKABADZE, 1967.....	174	<i>crassus, Pascoeites</i>	222
<i>colleti sahariensis, Colchidites</i>	182	<i>creutzbergi, Kutatissites</i>	126
<i>colleti, Colchidites</i>	182	<i>crevolai, Hamitoceras</i>	132
<i>collignoni, Eristavia</i>	206	<i>crimensis, ?Pseudothurmannia</i>	55
<i>collignoni, Himantoceras</i>	31	Crioceras D'ORBIGNY, 1842	34
<i>collignoni, Jaubertites</i>	144	<i>Crioceras subsimbirskense</i> var. <i>inflata</i> SINZOW, 1905.....	166
Colombiaticeras ROYO Y GOMEZ, 1945	152	<i>Crioceras</i> (?) <i>Ancyloceras</i> Rémondi GABB, 1864	116
<i>Colombiaticeras bolivari</i> ROYO Y GOMEZ, 1945, 152, 153	152, 153	<i>Crioceras</i> (?) <i>Caucasicus</i> KAZANSKY, 1914.....	107
<i>columbiae, Pseudocaulstraliceras</i>	158	<i>Crioceras</i> (?) <i>leptus</i> ETHERIDGE, 1909	165
<i>compressiforme, Aegocrioceras</i>	21	<i>Crioceras</i> (<i>Ammonitoceras</i>) <i>wassiliewskyi</i> RENNGARTEN, 1926	170
		<i>Crioceras</i> (<i>Ammonitoceras</i>) <i>Wassiliewskyi</i> RENNGARTEN, 1926	171
		<i>Crioceras</i> (<i>Leptoceras</i>) <i>assimile</i> UHLIG, 1883	236, 237

<i>Crioceras (Leptoceras) fragile</i> UHLIG, 1883	237
<i>Crioceras (Leptoceras) parvulum</i> UHLIG, 1883	236, 237
<i>Crioceras (Leptoceras) pumilum</i> UHLIG, 1883.....	230, 231
<i>Crioceras (Leptoceras) subtile</i> UHLIG, 1883	232
<i>Crioceras (Menuthiocrioceras) besairiei</i> COLLIGNON, 1949.....	47
<i>Crioceras (Menuthiocrioceras) Hourcqui</i> COLLIGNON, 1949.....	47
<i>Crioceras (Menuthiocrioceras) Lenoblei</i> COLLIGNON, 1949	46, 47
<i>Crioceras ? multicingulatum</i> VON KOENEN, 1902	165
<i>Crioceras aegoceras</i> VON KOENEN, 1902.....	28
<i>Crioceras aequicostatum</i> var. <i>subtilis</i> VON KOENEN, 1902	115
<i>Crioceras aequipartitum</i> VON KOENEN, 1902.....	83
<i>Crioceras Alpinus</i> D'ORBIGNY, 1850	224
<i>Crioceras ammonoides</i> ETHERIDGE, 1909.....	249, 250
<i>Crioceras andersoni</i> SARKAR, 1955	52
<i>Crioceras andinum</i> GERTH, 1925	82
<i>Crioceras Andreae</i> VON KOENEN, 1902.....	85
<i>Crioceras annulatum</i> VON KOENEN, 1902	82
<i>Crioceras apricum</i> GIOVINE, 1952	68
<i>Crioceras arcticum</i> STOLLEY, 1912.....	162
<i>Crioceras astieri</i> SARKAR, 1955	197
<i>Crioceras australe</i> MOORE, 1870.....	162
<i>Crioceras Australe</i> WAAGEN, 1875.....	159
<i>Crioceras axonoides</i> ETHERIDGE, 1909.....	251
<i>Crioceras badioticum</i> UHLIG, 1888.....	141
<i>Crioceras baleare</i> NOLAN, 1894	48
<i>Crioceras barremense</i> KILIAN, 1895	224
<i>Crioceras basseae</i> SARKAR, 1955	68
<i>Crioceras Bederi</i> GERTH, 1925	65
<i>Crioceras bidentatum</i> VON KOENEN, 1902	28
<i>Crioceras binelli tuberculatum</i> SARKAR, 1955.....	50
<i>Crioceras cadoceriforme</i> SINZOW, 1905	171
<i>Crioceras canasense</i> NEUENSCHWANDER & TAVERA, 1942.....	261
<i>Crioceras carinato-verrucosum</i> SINZOW, 1905	153
<i>Crioceras centrifuga</i> VON KOENEN, 1902	115
<i>Crioceras clausum</i> SARASIN & SCHÖNDELMAYER, 1902	62
<i>Crioceras Cornelianus</i> D'ORBIGNY, 1842.....	73
<i>Crioceras crassispina</i> VON KOENEN, 1902	83
<i>Crioceras cristatus</i> D'ORBIGNY, 1842.....	201
<i>Crioceras curvicosta</i> VON KOENEN, 1902.....	20
<i>Crioceras darii</i> DE ZIGNO, 1845	261
<i>Crioceras De-Agostinii</i> FERUGLIO, 1937	14
<i>Crioceras Deecke</i> FAVRE, 1908.....	29
<i>Crioceras Denckmanni</i> MÜLLER, 1892.....	83
<i>Crioceras diamantense</i> GERTH, 1925.....	66
<i>Crioceras diamantense</i> var. <i>nodosus</i> TAVERA, 1956.....	66
<i>Crioceras duncanense</i> ANDERSON, 1938	69
<i>Crioceras Duvalii</i> var. <i>undulata</i> KARSTEN, 1886	39
<i>Crioceras duvalli</i> var. <i>sarasini</i> SARKAR, 1955	40
<i>Crioceras Edkinsi</i> ETHERIDGE, 1892	252
<i>Crioceras Edouardi</i> HONNORAT-BASTIDE, 1890.....	62
<i>Crioceras elegans</i> VON KOENEN, 1902	83
<i>Crioceras emerici</i> PARONA, 1898.....	61
<i>Crioceras emerici</i> var. <i>gigas</i> ACKERMANN, 1932.....	76
<i>Crioceras Fallauxi</i> UHLIG, 1883	142
<i>Crioceras fallauxi</i> var. <i>tuberculata</i> SARKAR, 1955.....	142
<i>Crioceras fissicostatum</i> var. <i>minor</i> VON KOENEN, 1902	115
<i>Crioceras gignouxii</i> SARKAR, 1955	69
<i>Crioceras hammatoptychum</i> UHLIG, 1883.....	225
<i>Crioceras Heberti</i> FALLOT, 1884.....	220

<i>Crioceras Hildesiense</i> var. <i>antecedens</i> VON KOENEN, 1902	69
<i>Crioceras Hildesiense</i> VON KOENEN, 1902.....	69
<i>Crioceras Hoheneggeri</i> UHLIG, 1883	226
<i>Crioceras Hoyer</i> VON KOENEN, 1902	83
<i>Crioceras intumescens</i> VON KOENEN, 1902.....	84
<i>Crioceras irregular</i> TENISON WOODS, 1883.....	153
<i>Crioceras jacki</i> ETHERIDGE, 1880	152
<i>Crioceras Jacki</i> ETHERIDGE, 1880	153
<i>Crioceras Joffrei</i> BOULÉ, LEMOINE & THIÉVENIN, 1907.....	252
<i>Crioceras kaliae</i> SARKAR, 1955.....	142
<i>Crioceras kampe</i> VON SCHAFHÄUTL, 1863	261
<i>Crioceras karakaschi</i> SARKAR, 1955	44
<i>Crioceras Karsteni</i> UHLIG, 1883.....	108
<i>Crioceras Kiliani</i> SIMIONESCU, 1898	69
<i>Crioceras Klipsteini</i> UHLIG, 1888	225
<i>Crioceras koechlini</i> var. <i>recticostata</i> SARKAR, 1955	77
<i>Crioceras koechlini</i> var. <i>tuberculata</i> SARKAR, 1955	77
<i>Crioceras krishnaae</i> SARKAR, 1955	53
<i>Crioceras krishnaae</i> var. <i>tuberculata</i> SARKAR, 1955....	53
<i>Crioceras Lahusen</i> SINZOW, 1906.....	150
<i>Crioceras lakhephaense</i> ROUCHADZE, 1938	164
<i>Crioceras lampros</i> ETHERIDGE, 1909.....	154
<i>Crioceras laticeps</i> SINZOW, 1905.....	157
<i>Crioceras latus</i> GABB, 1864.....	69
<i>Crioceras Lusitanicum</i> CHOFFAT, 1886.....	69
<i>Crioceras mahadevai</i> SARKAR, 1955	76
<i>Crioceras mahadevai</i> var. <i>tuberculata</i> SARKAR, 1955..	76
<i>Crioceras minutum</i> NEUMAYR & UHLIG, 1881	196
<i>Crioceras Mojsisovicsi</i> HAUG, 1889.....	118
<i>Crioceras Muelleri</i> VON KOENEN, 1902	83
<i>Crioceras Munieri</i> SARASIN & SCHÖNDELMAYER, 1902 79	
<i>Crioceras nautiloides</i> ETHERIDGE, 1909.....	256
<i>Crioceras niongallense</i> KRENKEL, 1910.....	129
<i>Crioceras Nolani</i> KILIAN, 1910	67, 70
<i>Crioceras nolani</i> var. <i>biassalense</i> LUPPOV et al., 1949. 70	
<i>Crioceras nowaki</i> SARKAR, 1955	51
<i>Crioceras Parolinium</i> RODIGHIERO, 1919.....	225
<i>Crioceras Pavlowi</i> WASSILIEWSKI, 1909.....	159
<i>Crioceras percostatus</i> GABB, 1864	165
<i>Crioceras perditum</i> GERTH, 1925	262
<i>Crioceras Picteti</i> "var. <i>majoricensis</i> " NOLAN, 1894	52
<i>Crioceras Picteti</i> «var. <i>juvensis</i> » NOLAN, 1894	70
<i>Crioceras Picteti</i> NOLAN, 1894.....	70
<i>Crioceras pictetiaeforme</i> KARAKASCH, 1907.....	262
<i>Crioceras pingue</i> VON KOENEN, 1902.....	27
<i>Crioceras plectoides</i> ETHERIDGE, 1909.....	256
<i>Crioceras precrassispina</i> ROCH, 1930.....	90
<i>Crioceras pseudoangulicostatum</i> SARKAR, 1955	54
<i>Crioceras pseudoangulicostatum</i> var. <i>gracilis</i> SARKAR, 1955	54
<i>Crioceras Puezanum</i> KILIAN, 1910.....	138
<i>Crioceras Puzosianum</i> D'ORBIGNY, 1842.....	231
<i>Crioceras quadratum</i> CRICK, 1898	24
<i>Crioceras ramososeptacoides</i> v. <i>maxima</i> ROUCHADZE, 1938	154
<i>Crioceras ramososeptatoides</i> ROUCHADZE, 1938	154
<i>Crioceras ramososeptatum</i> ANTHULA, 1900.....	158, 160
<i>Crioceras rarinodeum</i> VON KOENEN, 1902	84
<i>Crioceras rarocinctum</i> VON KOENEN, 1902	116
<i>Crioceras recticostatum</i> KARAKASCH, 1907	262
<i>Crioceras Roeveri</i> VON KOENEN, 1902.....	84
<i>Crioceras rogeri</i> SARKAR, 1955.....	52
<i>Crioceras rude</i> VON KOENEN, 1902	26
<i>Crioceras Sarasini</i> FAVRE, 1908.....	30
<i>Crioceras schlagintweiti</i> GIOVINE, 1950.....	66

<i>Crioceras Seeleyi</i> NEUMAYR & UHLIG, 1881	25
<i>Crioceras seitzii</i> SARKAR, 1955	54
<i>Crioceras sexangulatum</i> KARAKASCH, 1907	262
<i>Crioceras silesiacum</i> UHLIG, 1883	111
<i>Crioceras sornayi</i> var. <i>densicostata</i> SARKAR, 1955	44
<i>Crioceras sornayi</i> var. <i>tuberculata</i> SARKAR, 1955	45
<i>Crioceras sparsicosta</i> VON KOENEN, 1902	85
<i>Crioceras spinosus</i> TRAUTSCHOLD, 1862	136
<i>Crioceras Stadtländeri</i> MÜLLER, 1892	85
<i>Crioceras stubelensis</i> DIMITROVA, 1967	71
<i>Crioceras subsimbirsense</i> var. <i>compressa</i> SINZOW, 1905	166
<i>Crioceras Suessi</i> TOULA, 1892	218
<i>Crioceras torulosum</i> VON KOENEN, 1902	24
<i>Crioceras transcaspicus</i> SINZOW, 1908	151
<i>Crioceras trispinosoides</i> BURCKHARDT, 1925	172
<i>Crioceras tubi</i> VON KOENEN, 1902	85
<i>Crioceras tuberculatum</i> var. <i>graciloides</i> SINZOW, 1905	158
<i>Crioceras tuberculatus</i> SINZOW, 1870	158
<i>Crioceras Uhligi</i> VON KOENEN, 1902	115
<i>Crioceras undatum</i> VON KOENEN, 1902	263
<i>Crioceras Urbani</i> NEUMAYR & UHLIG, 1881	139
<i>Crioceras vallenarense</i> NEUENSCHWANDER & TAVERA, 1942	263
<i>Crioceras varicosum</i> VON KOENEN, 1902	85
<i>Crioceras viallii</i> SARKAR, 1955	44
<i>Crioceras villersianum</i> var. <i>trituberculata</i> SARKAR, 1955	72
<i>Crioceras villersianum</i> var. <i>trituberculata</i> SARKAR, 1955	45
<i>Crioceras vishnui</i> SARKAR, 1955	40
<i>Crioceras Waageni</i> ANTHULA, 1900	125
<i>Crioceras Wermberti</i> VON KOENEN, 1902	69
<i>Crioceras Woeckeneri</i> VON KOENEN, 1902	85
<i>Crioceras yagii</i> YABE & SHIMIZU, 1927	263
<i>Crioceras Zitteli</i> UHLIG, 1883	140
<i>Crioceras?</i> <i>horridum</i> VON KOENEN, 1902	83
Crioceratites LÉVEILLÉ, 1837	34
<i>Crioceratites (Crioceratites) australis</i> KLINGER & KENNEDY, 1992	261
<i>Crioceratites (Crioceratites) fabrae</i> THOMEL, 1965	51
<i>Crioceratites (Crioceratites) maghrebiensis</i> IMMEL, 1978	225
<i>Crioceratites (Crioceratites) majoricensis heterocostatus</i> MANDOV, 1976	41
<i>Crioceratites (Crioceratites) majoricensis remanei</i> WIEDMANN, 1962	54
<i>Crioceratites (Crioceratites) sarkari</i> WIEDMANN, 1962	54
<i>Crioceratites (Crioceratites) thomeli</i> IMMEL, 1978	206
<i>Crioceratites (Emericiceras) collignoni</i> THOMEL, 1965	206
<i>Crioceratites (Emericiceras) emerici</i> var. <i>sarkari</i> THOMEL, 1965	75
<i>Crioceratites (Emericiceras) tenuicostatum</i> THOMEL, 1965	292
<i>Crioceratites (Emericiceras) tenuicostatum</i> var. <i>pseudo- audouli</i> THOMEL, 1965	292
<i>Crioceratites (Menuthiocrioceras) compressus</i> SKWARKO & THIEULOY, 1989	47
<i>Crioceratites (Menuthiocrioceras) iranensis</i> SKWARKO & THIEULOY, 1989	47
<i>Crioceratites (Paracrioceras) cabreraensis</i> KAKABADZE & HOEDEMAEKER, 2004	83
<i>Crioceratites (Paracrioceras) leyvaensis</i> KAKABADZE & HOEDEMAEKER, 2004	84

<i>Crioceratites (Paracrioceras) royogomezi</i> KAKABADZE & HOEDEMAEKER, 2004	84
<i>Crioceratites (Pseudothurmannia) balearis ibizensis</i> WIEDMANN, 1962	51
<i>Crioceratites (Pseudothurmannia) crimensis</i> WIEDMANN, 1962	57
<i>Crioceratites (Pseudothurmannia) montclusensis</i> WIEDMANN, 1962	49
<i>Crioceratites (Pseudothurmannia) portarum</i> ETAYO-SERNA, 1968	44
<i>Crioceratites (Pseudothurmannia) provençalis</i> WIEDMANN, 1962	60
<i>Crioceratites anglesensis</i> (SARKAR, 1955)	35
<i>Crioceratites anglesensis</i> THOMEL, 1965	35
<i>Crioceratites angulicostatus</i> (D'ORBIGNY, 1841)	36
<i>Crioceratites arci</i> DIMITROVA, 1967	42
<i>Crioceratites arkelli</i> (SARKAR, 1955)	38
<i>Crioceratites barrabeii</i> (SARKAR, 1955)	38
<i>Crioceratites belus</i> DIMITROVA, 1967	68
<i>Crioceratites bispinatus</i> (REYNÈS, 1876)	38
<i>Crioceratites bituberculatus</i> (D'ORBIGNY, 1842)	38
<i>Crioceratites bouldouxiae bouldouxiae</i> DIMITROVA, 1967	76
<i>Crioceratites bouldouxiae bulgaricus</i> DIMITROVA, 1967	76
<i>Crioceratites Bowerbanki</i> J. DE C. SOWERBY, 1840	160
<i>Crioceratites Bowerbankii</i> SOWERBY, 1840	162
<i>Crioceratites confusus</i> BUSNARDO, 2003	38
<i>Crioceratites curnieri</i> ROPOLLO, 1992	39
<i>Crioceratites durgae</i> (SARKAR, 1955)	39
<i>Crioceratites duvali</i> var. <i>Kiliani</i> ERISTAVI, 1957	40
<i>Crioceratites duvalii</i> LÉVEILLÉ, 1837	39
<i>Crioceratites Duvalii</i> LÉVEILLÉ, 1837	34
<i>Crioceratites emericii</i> LÉVEILLÉ, 1837	72
<i>Crioceratites Emericii</i> LÉVEILLÉ, 1837	74
<i>Crioceratites Fournetii</i> DUVAL, 1838	76
<i>Crioceratites gagarini</i> DIMITROVA, 1967	41
<i>Crioceratites heterocostatus</i> (MANDOV, 1976)	41
<i>Crioceratites hildiensiformis</i> (ROCH, 1930)	42
<i>Crioceratites Honoratii</i> LÉVEILLÉ, 1837	197
<i>Crioceratites inermis</i> (SARKAR, 1955)	42
<i>Crioceratites irregularis</i> DIMITROVA, 1967	42
<i>Crioceratites ishiwarai</i> YABE & SHIMIZU, 1926	69
<i>Crioceratites janus</i> THIEULOY, 1979	219
<i>Crioceratites kraptschenensis</i> DIMITROVA, 1967	52
<i>Crioceratites krenkeli</i> (SARKAR, 1955)	42
<i>Crioceratites leivaensis</i> KAKABADZE & HOEDEMAEKER, 1997	77
<i>Crioceratites lorioli</i> (MATHERON, 1880)	42
<i>Crioceratites loryi</i> (SARKAR, 1955)	42
<i>Crioceratites mandovi</i> AVRAM, 1995	43
<i>Crioceratites matsumotoi</i> (SARKAR, 1955)	43
<i>Crioceratites monsalvensis</i> ETAYO-SERNA, 1968	44
<i>Crioceratites panescorsii</i> (ASTIER, 1851)	44
<i>Crioceratites pinarensis</i> MYCZYŃSKI, 1977	262
<i>Crioceratites pivezeau</i> (SARKAR, 1955)	44
<i>Crioceratites primitivus</i> REBOULET, 1996	44
<i>Crioceratites ramkrishnai</i> (SARKAR, 1955)	44
<i>Crioceratites rodighieri</i> DIMITROVA, 1967	43
<i>Crioceratites sahnii</i> (SARKAR, 1955)	44
<i>Crioceratites schindewolfi</i> (SARKAR, 1955)	44
<i>Crioceratites shibae</i> (SARKAR, 1955)	44
<i>Crioceratites shibaniae</i> (SARKAR, 1955)	44
<i>Crioceratites sornayi</i> (SARKAR, 1955)	44
<i>Crioceratites spinosus</i> DIMITROVA, 1967	72
<i>Crioceratites stahleckeri</i> (SARKAR, 1955)	45
<i>Crioceratites tener</i> KAKABADZE & THIEULOY, 1991	78

<i>Crioceratites tuberosus</i> BUSNARDO 2003	90	<i>devii</i> , <i>Heteroceras</i>	174
<i>Crioceratites varnensis</i> DIMITROVA, 1967	78	<i>diamantense nodosum</i> , <i>Diamanticeras</i>	65
<i>Crioceratites villiersianus</i> (D'ORBIGNY, 1842)	45	<i>diamantense</i> , <i>Diamanticeras</i>	65
<i>Crioceratites? delessei</i> (REYNES, 1876)	39	Diamanticeras VERMEULEN, 2004	65
<i>Crioceratites? monotuberculatus</i> AVRAM, 2002	43	<i>Diamanticeras bederi</i> (GERTH, 1925)	65
<i>Crioceratites? mundum</i> RENNGARTEN, 1951	43	<i>Diamanticeras diamantense</i> (GERTH, 1925)	66
<i>Crioceratites? portarum</i> ETAYO-SERNA, 1968	44	<i>Diamanticeras schlagintweitii</i> (GIOVINE, 1950)	66
<i>Crioceratites? tenuilobatus</i> (VON KOENEN, 1902)	45	<i>dichotoma</i> , <i>Eristavia</i>	206
CRIOCERATITIDAE GILL, 1871	34	<i>dichotomum</i> , <i>Pseudocrioceras</i>	119
<i>crioceroides</i> , <i>Sornayites</i>	61	<i>dilatatum</i> , <i>Subaspinoceras</i>	64
Criohimantoceras THIEULOY & BULOT, 1993	31	Diptychoceras GABB, 1869	270
<i>Criohimantoceras gigas</i> THIEULOY & BULOT, 1993	31	<i>Diptychoceras glaber</i> (WHITEAVES, 1884)	270
<i>cristatum</i> , <i>Protancyloceras</i>	13	<i>Diptychoceras laevis</i> GABB, 1869	270
<i>cristatus</i> , <i>Imerites</i>	201	<i>Diptychoceras leave</i> GABB, 1869	270
Cryptocrioceras AGUIRRE-URRETA, 1981	86	<i>Diptychoceras nikhitchi</i> ROUCHADZE, 1938	270
<i>Cryptocrioceras yrigoyeni</i> (LEANZA, 1970)	86	<i>Diptychoceras? mazapilense</i> BÖSE, 1923	270
<i>cuerdai</i> , <i>Acrioceras</i> (<i>Acrioceras</i>)	94	Dirrymoceras HYATT, 1900	146
<i>cundinamarcae</i> , <i>Pedioceras</i>	86	<i>Dirrymoceras simplex</i> (D'ORBIGNY, 1842)	146
<i>cuneicostatus</i> , <i>Colchidites</i>	183	<i>dissimilis</i> , <i>Dissimilites</i>	103
<i>curnieri</i> , <i>Crioceratites</i>	34	Dissimilites SARKAR, 1954	103
<i>curnieri</i> , <i>Euptychoceras</i>	9	<i>Dissimilites dissimilis</i> (D'ORBIGNY, 1842)	103
<i>curvicosta</i> , <i>Juddiceras</i>	20	<i>Dissimilites piveteaui</i> SARKAR, 1955	104
<i>curvicostatus</i> , <i>Kutatissites</i>	126	<i>Dissimilites subalternatus</i> (BRESKOVSKI, 1966)	104
<i>cyclopius</i> , ? <i>Lithancyclus</i>	146	<i>Dissimilites trinodosus</i> (D'ORBIGNY, 1852)	105
<i>dahnowi</i> , <i>Moutoniceras</i>	197	<i>distans</i> , <i>Leptohamulina</i>	282
<i>dardeaui</i> , <i>Pseudoshastiericeras</i>	226	<i>ditleri</i> , <i>Ptychoceras</i>	264
<i>darii</i> , <i>Crioceras</i>	260	<i>djanelidzei</i> , <i>Colchidites</i>	183
<i>davidi</i> , <i>Myloceras</i>	250	<i>doli</i> , <i>Rouchadzeites</i>	190
<i>dauidsoni</i> , <i>Anahamulina</i>	274	<i>dolloi</i> , <i>Leroyoceras</i>	226
<i>davouxi</i> , <i>Camericeras</i>	217	<i>domeykanum</i> , ? <i>Parancyloceras</i>	28
Davouxiceras VERMEULEN, 2004	67	<i>dostshanensis</i> , <i>Luppovia</i>	172
<i>Davouxiceras basseae</i> (SARKAR, 1955)	68	<i>doublieri</i> , <i>Megacrioceras</i>	285
<i>Davouxiceras elegans</i> (D'ORBIGNY, 1842)	68	<i>dreloni</i> , <i>Rugacrioceras</i>	289
<i>Davouxiceras gignouxii</i> (SARKAR, 1955)	69	<i>drevi</i> , <i>Tropaeum</i> (<i>Tropaeum</i>)	161
<i>Davouxiceras hildesiense</i> (VON KOENEN, 1902)	69	<i>drushitsi</i> , <i>Theodorites</i>	65
<i>Davouxiceras lusitanicum</i> (CHOFFAT, 1886)	69	<i>dubius tuberculatus</i> , <i>Jaubertites</i>	144
<i>Davouxiceras nolani</i> (KILIAN, 1910)	70	<i>dubius</i> , <i>Jaubertites</i>	144
<i>Davouxiceras trituberculatum</i> (SARKAR, 1955)	72	<i>duncanense</i> , <i>Davouxiceras</i>	67
<i>Davouxiceras? apricum</i> (GIOVINE, 1952)	68	<i>duncanense</i> , <i>Hoplocrioceras</i>	114
<i>Davouxiceras? belus</i> (DIMITROVA, 1967)	68	<i>durangense</i> , <i>Pedioceras</i>	86
<i>Davouxiceras? ishiwarai</i> (YABE & SHIMIZU, 1926)	69	<i>durgae</i> , <i>Crioceratites</i>	34
<i>Davouxiceras? latum</i> (GABB, 1864)	69	<i>durrelli</i> , <i>Ancyloceras</i>	133
<i>Davouxiceras? spinosum</i> (DIMITROVA, 1967)	72	<i>divalianum</i> , ? <i>Pseudocrioceras</i>	120
<i>dayi</i> , <i>Tropaeum</i> (<i>Tropaeum</i>)	161	<i>divalianum</i> , <i>Emericiceras</i>	72
<i>deagostinii</i> , ? <i>Protancyloceras</i>	13	<i>divalii kiliani</i> , <i>Crioceratites</i>	34
<i>debelmasi</i> , <i>Acrioceras</i> (<i>Acrioceras</i>)	94	<i>divalii sarasini</i> , <i>Crioceratites</i>	34
<i>decorus</i> , <i>Macroscaphites</i>	293	<i>divalii undulatus</i> , <i>Crioceratites</i>	34
<i>decurrens</i> , <i>Tonohamites</i>	112	<i>divalii</i> , <i>Crioceratites</i>	34
<i>deeckeii</i> , <i>Ancyloceras</i>	133	Duyeina VERMEULEN, 2005	280
<i>deeckeii</i> , <i>Peltocrioceras</i>	29	<i>Duyeina glembachensis</i> (IMMEL, 1987)	281
<i>delessei</i> , <i>Crioceratites?</i>	34	<i>Duyeina kleini</i> VERMEULEN, 2005	281
<i>demandolxense</i> , <i>Heteroceras</i>	174	<i>Duyeina? boutini</i> (MATHERON, 1880)	280
<i>demissus</i> , <i>Bochianites</i>	2	<i>Duyeina? pachycostata</i> BUSNARDO, 2003	281
<i>denckmanni</i> , <i>Paracrioceras</i>	81	<i>ebboi</i> , <i>Toxancyloceras</i>	118
<i>densicostatum</i> , <i>Helicancyloceras</i> (<i>Helicancyloceras</i>)	169	<i>ectotuberculatus</i> , <i>Macroscaphites</i>	293
<i>densicostatum</i> , <i>Pseudocrioceras</i>	119	<i>edkinsi</i> , <i>Myloceras</i>	250
<i>densicostatus dextrus</i> , <i>Paraimerites</i>	203	<i>edouardi</i> , <i>Sornayites</i>	61
<i>densicostatus sinistrus</i> , <i>Paraimerites</i>	203	<i>edwardsi</i> , <i>Kutatissites</i>	126
<i>densicostatus</i> , <i>Argvethites</i>	207	Egoianites DELANOY & BERT, 2006	190
<i>densicostatus</i> , <i>Kutatissites</i>	126	<i>Egoianites mikhaili</i> DELANOY & BERT, 2006	190
<i>densicostatus</i> , <i>Paraimerites</i>	203	<i>eichwaldi</i> , <i>Tonohamites</i>	112
<i>densicostatus compactus</i> , <i>Kutatissites</i>	126	<i>eigenheeri</i> , <i>Ewaldiceras</i>	195
<i>densiradiatum</i> , <i>Aegocrioceras</i>	21	<i>elatum tenuicostatum</i> , ? <i>Ancyloceras</i>	134
<i>depressa</i> , <i>Hamulina</i>	271	<i>elatum</i> , ? <i>Ancyloceras</i>	134
<i>depressum</i> , <i>Protancyloceras</i>	13	<i>elegans</i> , <i>Davouxiceras</i>	67
<i>depressus</i> , <i>Toxoceratoides</i>	106	<i>elegans</i> , <i>Heteroceras</i>	174
<i>Deshayesites antiquus</i> BOGDANOVA, 1983	211	<i>elegans</i> , <i>Macroscaphites</i>	293

<i>elegans</i> , <i>Paracrioceras</i>	81
<i>elegantoides</i> , <i>Heteroceras</i>	174
<i>elephas</i> , <i>Audouliceras</i>	140
<i>elissoae</i> , <i>Colchidites</i>	183
<i>Ellipsoceras expansum</i> COLLIGNON, 1950.....	254
<i>ellipticus kvadaurensis</i> , <i>Martelites</i>	191
<i>ellipticus</i> , <i>Martelites</i>	191
<i>emericianum costatum</i> , <i>Heteroceras</i>	174
<i>emericianum</i> , <i>Heteroceras</i>	174
<i>emericianum</i> , <i>Ptychoceras</i>	264
<i>emericianus</i> , <i>Dissimilites</i>	103
<i>emericianus</i> , <i>Toxoceratoides</i>	106
Emericeras SARKAR, 1954.....	72
<i>Emericeras barremense</i> sp. var. <i>multicostata</i> SARKAR, 1955.....	224
<i>Emericeras barremense</i> sp. var. <i>recticostata</i> SARKAR, 1955.....	224
<i>Emericeras clausum</i> var. <i>flexuosa</i> SARKAR, 1955.....	62
<i>Emericeras coheni</i> SARKAR, 1955.....	219
<i>Emericeras dollot</i> SARKAR, 1955.....	226
<i>Emericeras duvalianum</i> (D'ORBIGNY, 1842).....	73
<i>Emericeras emerici</i> var. <i>flexuosa</i> SARKAR, 1955.....	77
<i>Emericeras emerici</i> var. <i>orbigny</i> SARKAR, 1955.....	74
<i>Emericeras emerici</i> var. <i>taraen</i> SARKAR, 1955.....	76
<i>Emericeras emericii</i> (LÉVEILLÉ, 1837).....	74
<i>Emericerasournetii</i> (DUVAL, 1838).....	76
<i>Emericeras foxi</i> SARKAR, 1955.....	76
<i>Emericeras gerthi</i> SARKAR, 1955.....	219
<i>Emericeras imlayi</i> SARKAR, 1955.....	62
<i>Emericeras joliboisi</i> - SARKAR, 1955.....	291
<i>Emericeras journali</i> SARKAR, 1955.....	76
<i>Emericeras koechlini</i> (ASTIER, 1851).....	76
<i>Emericeras magnini</i> DELANOV, 1992.....	226, 227
<i>Emericeras mahakaliae</i> SARKAR, 1955.....	77
<i>Emericeras monopujae</i> SARKAR, 1955.....	77
<i>Emericeras moutoni</i> (ASTIER, 1851).....	77
<i>Emericeras murphyi</i> DELANOV, 1992.....	227
<i>Emericeras ottohaasi</i> SARKAR, 1955.....	77
<i>Emericeras paramahansai</i> SARKAR, 1955.....	77
<i>Emericeras paronai</i> SARKAR, 1955.....	63
<i>Emericeras rasgradi</i> (TOULA, 1892).....	78
<i>Emericeras tener</i> (KAKABADZE & THIEULOV, 1991).....	78
<i>Emericeras thiollieri</i> sp. var. <i>bituberculata</i> SARKAR, 1955.....	80
<i>Emericeras thiollieri</i> sp. var. <i>multicostata</i> SARKAR, 1955.....	80
<i>Emericeras varnense</i> (DIMITROVA, 1967).....	78
<i>Emericeras villoutreysae</i> SARKAR, 1955.....	78
<i>Emericeras?</i> <i>cornelianum</i> (D'ORBIGNY, 1842).....	73
<i>Emericeras?</i> <i>gigas</i> (ACKERMANN, 1932).....	76
<i>Emericeras?</i> <i>leivaense</i> (KAKABADZE & HOEDEMAEKER, 1997).....	77
EMERICICERATIDAE VERMEULEN, 2004.....	67
EMERICICERATINAE BUSNARDO in GAUTHIER et al., 2006.....	67
<i>emericii flexuosum</i> , <i>Emericeras</i>	72
<i>emericii orbigny</i> , <i>Emericeras</i>	72
<i>emericii sarkari</i> , <i>Emericeras</i>	72
<i>emericii taraen</i> , <i>Emericeras</i>	72
<i>emericii</i> , <i>Emericeras</i>	72
<i>enayi</i> , <i>Gassendiceras</i>	223
<i>ensis</i> , <i>Toxoceras</i>	244
Eocrioceratites WIEDMANN, 1973.....	32
<i>Eocrioceratites rebillyi</i> (COLLIGNON, 1962).....	33
Eoheteroceras VAŠIČEK & WIEDMANN, 1994.....	242
<i>Eoheteroceras norteyi</i> (MYCZYŃSKI & TRIFF, 1986).....	242

<i>Eoheteroceras stilesiacum</i> VAŠIČEK & WIEDMANN, 1994.....	242
<i>Eoheteroceras uhligi</i> (VAŠIČEK, 1981).....	242
Eoleptoceras MANOLOV, 1962.....	236
Eoleptoceras (Tzankovicerias) MANOLOV, 1962.....	236
<i>Eoleptoceras (Tzankovicerias) tzankovi</i> MANOLOV, 1962.....	238
Eoleptoceras (Wrightites) MANOLOV, 1962.....	236
<i>Eoleptoceras (Wrightites) parvulum</i> kraptschenensis MANOLOV, 1962.....	238
<i>Eoleptoceras (Wrightites) wrighti</i> MANOLOV, 1962.....	238
Epacrioceras EGOIAN, 1974.....	292
<i>Epacrioceras rarum</i> EGOIAN, 1974.....	292
EPACRIOCERATIDAE EGOIAN, 1974.....	289
Epancyloceras SPATH, 1930.....	149
<i>Epancyloceras fractum</i> CASEY, 1961.....	149
<i>Epancyloceras hythense</i> SPATH, 1930.....	149
Epanisoceras COLLIGNON, 1962.....	169
<i>Epanisoceras raulinianiforme</i> (BREISTROFFER, 1937).....	169
Epitropaeum KAKABADZE, 1977.....	168
<i>Epitropaeum subarcticum</i> (CASEY, 1960).....	168
Eristavia KAKABADZE, 1971.....	206
<i>Eristavia dichotoma</i> (ERISTAVI, 1955).....	206
<i>Eristavia tvishiensis</i> KAKABADZE, 1971.....	207
<i>Eristavia varnensis</i> (NIKOLOV, 1964).....	207
<i>eristavii</i> , <i>Colchidites</i>	183
<i>eristavii</i> , <i>Heteroceras</i>	174
<i>excheri</i> , <i>Veveysiceras</i>	241
Escragnoilleites SARKAR, 1954.....	201
<i>etayosernai</i> , <i>Kutatissites</i>	126
<i>etheridgei</i> , <i>Labeceras</i>	245
Euhemihoplites COLLIGNON, 1964.....	257
<i>Euhemihoplites paradoxus</i> COLLIGNON, 1964.....	257
Eutythoceras BREISTROFFER, 1952.....	9
<i>Eutythoceras borzai</i> VAŠIČEK & MICHALÍK, 1988.....	9
<i>Eutythoceras currieri</i> THIEULOV, 1972.....	9
<i>Eutythoceras meyrati</i> (OOSTER, 1860).....	9
<i>Eutythoceras natrice</i> (ANDERSON, 1938).....	10
<i>Eutythoceras subundulatum</i> (D'ORBIGNY, 1850).....	10
<i>Eutythoceras teschenense</i> (UHLIG, 1902).....	11
<i>Eutythoceras?</i> <i>jordanense</i> MURPHY, 1975.....	9
<i>Eutythoceras?</i> <i>morloti</i> (OOSTER, 1860).....	10
<i>evolutum</i> , <i>?Protancyloceras</i>	13
<i>evolutus</i> , <i>Vasicekites</i>	239
<i>ewaldi</i> , <i>Audouliceras</i>	140
Ewaldiceras VERMEULEN, 2003.....	194
<i>Ewaldiceras eigenheeri</i> VERMEULEN, 2003.....	194
<i>eximium</i> , <i>Protancyloceras</i>	13
<i>expansum</i> , <i>Myloceras</i> (<i>Ellipsoceras</i>).....	254
Ezeiceras VERMEULEN, 2000.....	220
<i>Ezeiceras astarte</i> (FALLOT & TERMIER, 1923).....	220
<i>Ezeiceras heberti</i> (FALLOT, 1884).....	220
<i>Ezeiceras rusticum</i> (VERMEULEN, 1996).....	221
<i>fabreae</i> , <i>Binellicerias</i>	50
<i>fallauxi tuberculatum</i> , <i>Audouliceras</i>	140
<i>fallauxi</i> , <i>Audouliceras</i>	140
<i>fallauxi</i> , <i>Macroscaphites</i>	293
<i>fasciculare</i> , <i>Pseudocrioceras</i>	120
<i>fascicularis</i> , <i>?Hamulina</i>	271
<i>favrei</i> , <i>Imerites</i>	201
<i>feraudianus</i> , <i>Hemihoplites</i>	213
<i>ficheuri</i> , <i>Macroscaphites</i>	293
<i>filicostatum</i> , <i>?Karsteniceras</i>	232
<i>fissicostatum minor</i> , <i>Hoplocrioceras</i>	114
<i>fissicostatum</i> , <i>Hoplocrioceras</i>	114
<i>flexicostatus</i> , <i>Hamitoides</i>	257
<i>flindersi</i> , <i>Myloceras</i> (<i>Flindersites</i>).....	255

<i>Flindersites baccatus</i> WHITEHOUSE, 1926.....	254, 255
<i>Flindersites intermedius</i> WHITEHOUSE, 1926	255
<i>forbesianum</i> , <i>Ptychoceras</i>	264
<i>fourneti</i> , <i>Acrioceras</i> (<i>Paraspinoceras</i>)	101
<i>fournetii</i> , <i>Emericiceras</i>	72
<i>fournieri</i> , <i>Proaustraliceras</i>	155
<i>foxi</i> , <i>Emericiceras</i>	72
<i>fractum</i> , <i>Epancyloceras</i>	149
<i>fragilis</i> , <i>Hamulinites</i>	236
<i>fromageti</i> , <i>Protacrioceras</i>	91
<i>fulvae</i> , <i>Heteroceras</i>	174
<i>fumisugium</i> , <i>Amorina</i>	278
<i>furcata</i> , ? <i>Helicancylus</i>	131
<i>furcatocostatus</i> , <i>Bochianites</i>	2
<i>furcatus</i> , ? <i>Argvethites</i>	207
<i>fustiformis</i> , <i>Toxoceratoides</i>	106
<i>fustis</i> , <i>Lithancylus</i>	146
<i>gabbi</i> , ? <i>Helicancylus</i>	131
<i>gabbi</i> , <i>Diptychoceras</i>	270
<i>gagarini</i> , <i>Crioceratites</i>	34
<i>galanense</i> , <i>Ammonitoceras</i>	150
<i>galanensis</i> , ? <i>Kutatissites</i>	126
<i>gamkrelidzei</i> , <i>Martelites</i>	191
Garroniceras VERMEULEN, 1990	285
Gassendiceras BERT, DELANOY & BERSAC, 2006	223
<i>Gassendiceras couilletae</i> BERT, DELANOY & BERSAC, 2006	223
<i>Gassendiceras quelquejeu</i> BERT, DELANOY & BERSAC, 2006	223
GASSENDICERATINAE BERT, DELANOY & BERSAC, 2006	223
<i>Gassendriceras enayi</i> BERT, DELANOY & BERSAC, 2006	223
<i>geokderense</i> , <i>Turkmeniceras</i>	210
<i>georgicum</i> , <i>Andouliceras</i>	140
Georgioceras WILCKENS, 1947	260
<i>Georgioceras kohllarseni</i> WILCKENS, 1947	260
<i>gerardianus</i> , <i>Bochianites</i>	2
<i>gerthi</i> , <i>Pachyhemihoplites</i>	219
<i>giganteum</i> , <i>Ammonitoceras</i>	150
<i>giganteum</i> , <i>Ancyloceras</i>	134
<i>gigas anguinatum</i> , <i>Proaustraliceras</i>	155
<i>gigas arcuatum</i> , <i>Proaustraliceras</i>	155
<i>gigas inscriptum</i> , <i>Proaustraliceras</i>	155
<i>gigas</i> , ? <i>Emericiceras</i>	72
<i>gigas</i> , <i>Himantoceras</i>	31
<i>gigas</i> , <i>Proaustraliceras</i>	155
<i>gignouxii</i> , <i>Davouxiceras</i>	67
<i>gilberti</i> , <i>Pseudoptychoceras</i>	264
<i>giraudi multicostatus</i> , <i>Imerites</i>	201
<i>giraudi</i> , <i>Imerites</i>	201
<i>glaber</i> , <i>Bochianites</i>	2
<i>glaber</i> , <i>Diptychoceras</i>	270
<i>glebbi</i> , <i>Lithancylus</i>	146
<i>glembachensis</i> , <i>Duyeyna</i>	280
<i>glennensis</i> , ? <i>Bochianites</i>	2
<i>godeti</i> , <i>Lithancylus</i>	146
<i>godoganense</i> , <i>Pseudocrioceras</i>	120
<i>godoganensis</i> , <i>Cicatrites</i>	303
<i>godoganensis</i> , <i>Argvethites</i>	207
<i>gonneti</i> , <i>Heteroceras</i>	174
<i>goubechensis</i> , <i>Bochianites</i>	2
<i>gracile</i> , <i>Labeceras</i>	245
<i>gracile</i> , <i>Protancyloceras</i>	13
<i>gracilis</i> , <i>Bochianites</i>	2
<i>gradinarui</i> , <i>Acantholytoceras</i>	291
<i>grandis</i> , <i>Kutatissites</i>	126
<i>grandis</i> , <i>Lithancylus</i>	146
<i>grandis</i> , <i>Pseudothurmannia</i>	55
<i>grebenianus</i> , <i>Cotidiscus</i>	298
<i>greeni</i> , ? <i>Toxoceratoides</i>	106
<i>groeberi</i> , <i>Parasptiticeras</i>	88
<i>guanacoensis</i> , ? <i>Lithancylus</i>	146
<i>guanense</i> , <i>Pseudocrioceras</i>	120
<i>guanensis</i> , <i>Colchidites</i>	183
<i>guembeli</i> , <i>Protancyloceras</i>	13
<i>guerinianum</i> , <i>Parasptiticeras</i>	88
<i>gumbriensis</i> , ? <i>Paraimeries</i>	203
<i>gygii</i> , <i>Peirescites</i>	228
<i>hallei</i> , <i>Australiceras</i>	152
<i>hamilcar</i> , <i>Macroscephites</i>	293
<i>Hamites</i> (?) <i>Eichwaldi</i> SINZOW, 1905	113
<i>Hamites</i> (?) <i>glaber</i> WHITEAVES, 1884	270
<i>Hamites</i> (<i>Ammonites</i>) <i>fissicostatus</i> ROEMER, 1841	115
<i>Hamites</i> (<i>Hamulina</i>) <i>acuaris</i> UHLIG, 1883	279
<i>Hamites</i> (<i>Hamulina</i>) <i>fumisugium</i> UHLIG, 1883	279
<i>Hamites</i> (<i>Hamulina</i>) <i>Hoheneggeri</i> UHLIG, 1883	279
<i>Hamites</i> (<i>Hamulina</i>) <i>Lorioli</i> UHLIG, 1883	274
<i>Hamites</i> (<i>Hamulina</i>) n. f. ind. ? <i>distans</i> Hohenegger UHLIG, 1883	282
<i>Hamites</i> (<i>Hamulina</i>) <i>paxillosus</i> UHLIG, 1883	277
<i>Hamites</i> (<i>Hamulina</i>) <i>ptychoceroideus</i> Hohenegger UHLIG, 1883	280
<i>Hamites</i> (<i>Hamulina</i>) <i>ptychoceroideus</i> UHLIG, 1883	279
<i>Hamites</i> (<i>Hamulina</i>) <i>Quenstedti</i> UHLIG, 1883	281, 282
<i>Hamites</i> (<i>Hamulina</i>) <i>Silesiacus</i> UHLIG, 1883	275
<i>Hamites</i> (<i>Hamulina</i>) <i>subcinctus</i> UHLIG, 1883	277
<i>Hamites</i> (<i>Hamulina</i>) <i>Sutneri</i> UHLIG, 1883	284
<i>Hamites</i> (<i>Macroscephites</i>) <i>binodosus</i> UHLIG, 1883	294
<i>Hamites</i> (<i>Macroscephites</i>) <i>Fallauxi</i> UHLIG, 1883	295
<i>Hamites</i> (<i>Pictetia</i>) <i>longispinus</i> UHLIG, 1883	291
<i>Hamites</i> (<i>Ptychoceras</i>) <i>Poni</i> SIMIONESCU, 1898	280
<i>Hamites</i> ? <i>laqueus</i> ETHERIDGE, 1892	247
<i>Hamites adpressus</i> SOWERBY, 1814	269
<i>Hamites aequicinctus</i> VON KOENEN, 1902	112
<i>Hamites Africanus</i> TATE, 1867	3
<i>Hamites Beani</i> YOUNG & BIRD, 1828	82
<i>Hamites bicarinatus</i> YOUNG & BIRD, 1828	21
<i>Hamites Bucklandi</i> BUCKLAND, 1836	22
<i>Hamites capricornu</i> ROEMER, 1841	21, 22
<i>Hamites decurrens</i> SPATH, 1924	112
<i>Hamites dissimilis</i> D'ORBIGNY, 1842	103
<i>Hamites emericianus</i> D'ORBIGNY, 1842	103
<i>Hamites gigas</i> J. DE C. SOWERBY, 1828	155
<i>Hamites Gigas</i> J. DE C. SOWERBY, 1828	156
<i>Hamites grandis</i> J. DE C. SOWERBY, 1828	146, 147
<i>Hamites hamus</i> VON QUENSTEDT, 1848	281
<i>Hamites Hillsii</i> J. DE C. SOWERBY, 1837	168
<i>Hamites Labatii</i> CATULLO, 1848	278
<i>Hamites Neptuni</i> D'ORBIGNY, 1850	258
<i>Hamites obliquatus</i> YOUNG & BIRD, 1828	109
<i>Hamites Phillipsi</i> PHILLIPS, 1829	114, 116
<i>Hamites raricostatus</i> PHILLIPS, 1829	24
<i>Hamites rotundus</i> PHILLIPS, 1829	109
<i>Hamites semicinctus</i> ROEMER, 1841	25
<i>Hamites seminodosus</i> ROEMER, 1841	110
<i>Hamites sexnodosus</i> ROEMER, 1841	262
<i>Hamites studerianus</i> PICTET, 1847	257
<i>Hamites Stoderianus</i> PICTET, 1847	258
<i>Hamites subnodosus</i> ROEMER, 1841	26
<i>Hamites?</i> <i>Meyrati</i> OOSTER, 1860	273
<i>Hamites?</i> <i>Senilis</i> OOSTER, 1860	273
<i>Hamites?</i> <i>undulosus</i> VON KOENEN, 1902	114
Hamiticeras ANDERSON, 1938	132

<i>Hamiticeras aliense</i> LOBANIDZE, 1972.....	132
<i>Hamiticeras carcitense</i> (MATHERON, 1880).....	132
<i>Hamiticeras chipatai</i> KAKABADZE & HOEDEMAEKER, 1997.....	133
<i>Hamiticeras crevoldi</i> VERMEULEN, THIEULOY, LAPEYRE, 1999.....	133
<i>Hamiticeras longum</i> KAKABADZE & HOEDEMAEKER, 2004.....	133
<i>Hamiticeras philadelphium</i> ANDERSON, 1938.....	132
<i>Hamiticeras pilsbryi</i> ANDERSON, 1938.....	132, 133
<i>Hamiticeras ventrotuberculatum</i> KAKABADZE & HOEDEMAEKER, 2004.....	133
Hamitoides SPATH, 1925.....	257
<i>Hamitoides compressus</i> SPATH, 1925.....	257
<i>Hamitoides flexicostatus</i> SPATH, 1925.....	257
<i>Hamitoides studerianus</i> (PICTET, 1847).....	258
<i>Hamitoides? madagascariensis</i> BREISTROFFER, 1936.....	257
<i>Hamitoides? neptuni</i> (D'ORBIGNY, 1850).....	258
<i>Hamitoides? rusticus</i> SPATH, 1939.....	258
<i>hamlini</i> , <i>Hoplocioceras</i>	114
<i>hammatoptychum</i> , <i>Barrancioceras</i>	223
Hamulina D'ORBIGNY, 1850.....	271
<i>Hamulina aldersoni</i> ANDERSON, 1938.....	271
<i>Hamulina Alpina</i> D'ORBIGNY, 1850.....	283
<i>Hamulina astieriana</i> D'ORBIGNY, 1850.....	271
<i>Hamulina Astieriana</i> D'ORBIGNY, 1850.....	271
<i>Hamulina astieriana ratschensis</i> ERISTAVI, 1955.....	272
<i>Hamulina Boutini</i> MATHERON, 1880.....	280
<i>Hamulina brestakensis</i> DIMITROVA, 1967.....	105
<i>Hamulina cincta</i> D'ORBIGNY, 1852.....	278
<i>Hamulina crassicostata</i> KARAKASCH, 1907.....	274
<i>Hamulina Davidsoni</i> MATHERON, 1880.....	274
<i>Hamulina depressa</i> KARAKASCH, 1907.....	272
<i>Hamulina hamus</i> v. <i>nicortsmindensis</i> ERISTAVI, 1955.....	275
<i>Hamulina haueri</i> (UHLIG, 1883).....	272
<i>Hamulina koeneni</i> DIMITROVA, 1967.....	283
<i>Hamulina meyrati</i> (OOSTER, 1860).....	273
<i>Hamulina Munieri</i> NICKLÈS, 1894.....	236, 237
<i>Hamulina pamuktschiensis</i> DIMITROVA, 1967.....	273
<i>Hamulina parvula</i> SARASIN & SCHÖNDELMAYER, 1902.....	237
<i>Hamulina paxillosa</i> UHLIG, 1883.....	276
<i>Hamulina Picteti</i> VON EICHWALD, 1868.....	275
<i>Hamulina pictetiformis</i> BUSNARDO et al., 2003.....	286
<i>Hamulina renngarteni</i> KULJINSKAIA-VORONETZ, 1933.....	273
<i>Hamulina</i> sp. (<i>H. Uhligi</i>) KARAKASCH, 1907.....	277
<i>Hamulina</i> sp. nov. aff. <i>inornata</i> PAQUIER, 1900.....	9
<i>Hamulina subalternata</i> BRESKOVSKI, 1966.....	104
<i>Hamulina subcylindrica</i> D'ORBIGNY, 1850.....	274, 275
<i>Hamulina subundulata</i> D'ORBIGNY, 1850.....	10
<i>Hamulina taurica</i> KARAKASCH, 1907.....	273
<i>Hamulina trinodosa</i> D'ORBIGNY, 1852.....	105
<i>Hamulina unionae</i> DIMITROVA, 1967.....	200
<i>Hamulina Varisensis</i> D'ORBIGNY, 1850.....	238
<i>Hamulina vogdti</i> KULJINSKAIA-VORONETZ, 1933.....	273
<i>Hamulina? acuticostata</i> KARAKASCH, 1907.....	271
<i>Hamulina? fascicularis</i> PICTET & DE LORIOU, 1858.....	272
<i>Hamulina? laevis</i> REYNÈS, 1876.....	273
<i>Hamulina? nitida</i> VON KOENEN, 1902.....	273
<i>Hamulina? rosariensis</i> IMLAY, 1942.....	17
<i>Hamulina? senilis</i> (OOSTER, 1860).....	273
HAMULINIDAE GILL, 1871.....	271
Hamulinites PAQUIER, 1900.....	236
<i>Hamulinites assimilis</i> (UHLIG, 1883).....	237
<i>Hamulinites fragilis</i> (UHLIG, 1883).....	237

<i>Hamulinites munieri</i> (NICKLÈS, 1894).....	237
<i>Hamulinites nicklesi</i> AVRAM, 1999.....	237
<i>Hamulinites norznyi</i> MYCZYŃSKI & TRIFF, 1986.....	242
<i>Hamulinites pachycostatus</i> BUSNARDO et al., 2003.....	281
<i>Hamulinites parvulus</i> (UHLIG, 1883).....	237
<i>Hamulinites varisensis</i> (D'ORBIGNY, 1850).....	238
<i>Hamulinites Vocontiorum</i> SIMIONESCU, 1900.....	239
<i>Hamulinites? vocontiorum</i> PAQUIER, 1900.....	239
<i>hamus</i> , <i>Terrestrina</i>	281
<i>haueri</i> , <i>Hamulina</i>	271
<i>haughtoni</i> , <i>?Toxoceratoides</i>	106
<i>haughtoni</i> , <i>Paraimerites</i>	203
<i>haugi</i> , <i>?Heteroceras</i>	174
<i>heberti</i> , <i>?Protacrioceras</i>	91
<i>heberti</i> , <i>Ezeiceras</i>	220
<i>heeri</i> , <i>?Leptoceratoides</i>	230
HELICANCYLIDAE HYATT, 1894.....	118
Helicancycloceras (<i>Helicancycloceras</i>) KLINGER & KENNEDY, 1977.....	169
<i>Helicancycloceras</i> (<i>Helicancycloceras</i>) <i>vohimaranitraense</i> COLLIGNON, 1962.....	169
<i>Helicancycloceras</i> (<i>Helicancycloceras</i>) <i>densecostatum</i> KLINGER & KENNEDY, 1977.....	169
Helicancycloceras (<i>Nonyaniceras</i>) KLINGER & KENNEDY, 1977.....	170
<i>Helicancycloceras</i> (<i>Nonyaniceras</i>) <i>circulare</i> KLINGER & KENNEDY, 1977.....	170
<i>Helicancycloceras</i> (<i>Nonyaniceras</i>) <i>crassituberculatum</i> KLINGER & KENNEDY, 1977.....	170
<i>Helicancycloceras</i> (<i>Nonyaniceras</i>) <i>nonyani</i> KLINGER & KENNEDY, 1977.....	170
Helicancylus GABB, 1869.....	130
<i>Helicancylus aequicostatus</i> (GABB, 1864).....	131
<i>Helicancylus patagonicus</i> (STOLLEY, 1912).....	132
<i>Helicancylus philadelphius</i> (ANDERSON, 1938).....	132
<i>Helicancylus? bonarellii</i> (LEANZA, 1970).....	131
<i>Helicancylus? furcata</i> KAKABADZE, 1981.....	131
<i>Helicancylus? gabbi</i> ANDERSON, 1938.....	131
<i>Helicancylus? nodosus</i> ANDERSON, 1902.....	131
<i>helicoceroides</i> , <i>Heteroceras</i>	174
<i>helicoceroides</i> , <i>Kutatissites</i>	126
<i>helicoides robustus</i> , <i>Kutatissites</i>	126
<i>helicoides</i> , <i>Kutatissites</i>	126
Hemibaculites HYATT, 1900.....	195
<i>Hemibaculites cyclopius</i> ANDERSON, 1938.....	147
<i>Hemibaculites mirabilis</i> ANDERSON, 1938.....	148
<i>Hemibaculites nauplius</i> ANDERSON, 1938.....	148
<i>Hemibaculites neleus</i> ANDERSON, 1938.....	148
<i>Hemibaculites obliquatus</i> (D'ORBIGNY, 1842).....	195
<i>Hemibaculites saharievae</i> MANOLOV, 1962.....	243
Hemicrioceras SPATH, 1924.....	26
<i>Hemicrioceras rude</i> (VON KOENEN, 1902).....	26
Hemihoplit SPATH, 1924.....	213
Hemihoplites (<i>Matheronites</i>) RENNIGARTEN, 1926.....	213
<i>Hemihoplites brevicostatus</i> (BOGDANOVA, 1971).....	214
<i>Hemihoplites casanovai</i> DELANOY, 1992.....	214
<i>Hemihoplites cornagoae</i> BERT, DELANOY & BERSAC, 2006.....	214
<i>Hemihoplites feraudianus</i> (D'ORBIGNY, 1841).....	214
<i>Hemihoplites intermedius</i> VERMEULEN, 2003.....	215
<i>Hemihoplites khwamliensis</i> (ROUCHADZE, 1933).....	215
<i>Hemihoplites lumarius</i> (RENNIGARTEN, 1951).....	215
<i>Hemihoplites rusticus</i> VERMEULEN, 1996.....	221
<i>Hemihoplites soulieri</i> (MATHERON, 1880).....	216
<i>Hemihoplites soulieri persulcatus</i> (RENNIGARTEN, 1951).....	217
<i>Hemihoplites turcomenicus</i> (LUPPOV, 1936).....	217

<i>Hemihoplites?</i> <i>brevispina</i> (VON KOENEN, 1902).....	214
<i>Hemihoplites?</i> <i>mexicanus</i> IMLAY, 1940.....	215
<i>Hemihoplites?</i> <i>ploszkiewiczii</i> RICCARDI & AGUIRRE- URRETA, 1989.....	215
<i>Hemihoplites?</i> <i>popenoei</i> MURPHY, 1975.....	215
<i>Hemihoplites?</i> <i>ridzewskii</i> (KARAKASCHI, 1897).....	215
<i>Hemihoplites?</i> <i>sachicaensis</i> KAKABADZE & HOEDEMAEKER, 2004.....	216
<i>Hemihoplites?</i> <i>taminabuanensis</i> SKWARKO & THIEULOUY, 1989.....	217
<i>Hemihoplites?</i> <i>trispinosus</i> (VON KOENEN, 1902).....	217
<i>Hemihoplites?</i> <i>varicostatus</i> RICCARDI & AGUIRRE- URRETA, 1989.....	217
HEMIOHOPLITIDAE SPATH, 1924.....	213
HEMIOHOPLITINAE SPATH, 1924.....	213
<i>hennigi</i> , <i>Orbignyeras</i>	241
<i>henoni</i> , <i>Toxoceras</i>	244
<i>hesperum</i> , <i>Shasticioceras</i>	287
Heteroceras D'ORBIGNY, 1849.....	174
<i>Heteroceras</i> (<i>Argvethites</i> ?) <i>vohimaranitraensis</i> COLLIGNON, 1962.....	169
<i>Heteroceras</i> (<i>Argvethites</i>) <i>minor</i> ROUCHADZE, 1933.....	207
<i>Heteroceras</i> (<i>Santandericeras</i>) <i>apolinari</i> ROYO Y GOMEZ, 1945.....	182
<i>Heteroceras</i> (<i>Santandericeras</i>) <i>apolinari</i> ROYO Y GOMEZ, 1945.....	184
<i>Heteroceras</i> <i>Abichanum</i> D'ORBIGNY, 1851.....	127
<i>Heteroceras</i> <i>astierianum</i> D'ORBIGNY, 1851.....	175
<i>Heteroceras</i> <i>Astierianum</i> D'ORBIGNY, 1851.....	175
<i>Heteroceras</i> <i>baylei</i> REYNÈS, 1876.....	176
<i>Heteroceras</i> <i>Baylei</i> REYNÈS, 1876.....	176
<i>Heteroceras</i> <i>bifurcatum</i> D'ORBIGNY, 1851.....	176
<i>Heteroceras</i> <i>bifurcatum</i> var. <i>trifurcata</i> KILIAN, 1889.....	177
<i>Heteroceras</i> <i>blaronense</i> DELANOV & BERT, 2006.....	177
<i>Heteroceras</i> <i>buloti</i> DELANOV & BERT, 2006.....	177
<i>Heteroceras</i> <i>coulleti</i> DELANOV, 1995.....	177
<i>Heteroceras</i> <i>demandolxense</i> DELANOV & BERT, 2006.....	178
<i>Heteroceras</i> <i>densecostatum</i> RENNGARTEN, 1926.....	203, 204
<i>Heteroceras</i> <i>densecostatum</i> var. <i>dextra</i> RENNGARTEN, 1926.....	204
<i>Heteroceras</i> <i>densecostatum</i> var. <i>sinistra</i> RENNGARTEN, 1926.....	204
<i>Heteroceras</i> <i>devii</i> ROUCHADZE, 1933.....	178
<i>Heteroceras</i> <i>Edwardsi</i> REYNÈS, 1876.....	128
<i>Heteroceras</i> <i>elegans</i> ROUCHADZE, 1933.....	176
<i>Heteroceras</i> <i>elegantoides</i> KAKABADZE, 1988.....	176
<i>Heteroceras</i> <i>emericianum</i> (D'ORBIGNY, 1842).....	178
<i>Heteroceras</i> <i>emericianum costatum</i> (ROUCHADZE, 1933)	179
<i>Heteroceras</i> <i>eristavii</i> KAKABADZE, 1975.....	179
<i>Heteroceras</i> <i>fuhræ</i> DELANOV, 1998.....	179
<i>Heteroceras</i> <i>Giraudi</i> KILIAN, 1889.....	202
<i>Heteroceras</i> <i>Giraudi</i> KILIAN, 1989.....	201
<i>Heteroceras</i> <i>gonneti</i> DELANOV, 1998.....	179
<i>Heteroceras</i> <i>helicoceroides</i> (KARSTEN, 1858).....	179
<i>Heteroceras</i> <i>imericum</i> ROUCHADZE, 1933.....	179
<i>Heteroceras</i> <i>isocostata</i> KAKABADZE, 1975.....	180
<i>Heteroceras</i> <i>jeletzkyi</i> MURPHY, 1975.....	180
<i>Heteroceras</i> <i>kotetishviliae</i> KAKABADZE, 1975.....	180
<i>Heteroceras</i> <i>leenhardti</i> KILIAN, 1889.....	180
<i>Heteroceras</i> <i>mascarelli</i> DELANOV, 2000.....	190
<i>Heteroceras</i> <i>mascarellii</i> DELANOV & EBBO, 2000.....	191
<i>Heteroceras</i> <i>monmothoi</i> (SARKAR, 1955).....	180
<i>Heteroceras</i> <i>morizeense</i> DELANOV, 1998.....	180
<i>Heteroceras</i> <i>moulladei</i> DELANOV & BERT, 2006.....	181
<i>Heteroceras</i> <i>multicostatum</i> STAHLER, 1935.....	242
<i>Heteroceras</i> <i>rawsoni</i> DELANOV & BERT, 2006.....	181
<i>Heteroceras</i> <i>spectabile</i> REYNÈS, 1876.....	181
<i>Heteroceras</i> <i>tardieu</i> KILIAN, 1889.....	181
<i>Heteroceras</i> <i>tskaluboense</i> KAKABADZE, 1975.....	182
<i>Heteroceras</i> <i>uhligi</i> VASÍČEK, 1981.....	242
<i>Heteroceras</i> <i>verniforme</i> ROUCHADZE, 1933.....	182
<i>Heteroceras?</i> <i>botevense</i> (DIMITROVA, 1967).....	177
<i>Heteroceras?</i> <i>capellini</i> (MATHERON, 1880).....	177
<i>Heteroceras?</i> <i>haugi</i> KARAKASCHI, 1907.....	179
<i>Heteroceras?</i> <i>rotatum</i> (SIMONOVICH, BATSEVICH & SOROKIN, 1875).....	181
HETEROCERATIDAE SPATH, 1922.....	174
<i>heterocostatus</i> , <i>Crioceratites</i>	34
<i>hildesiense</i> <i>antecedens</i> , <i>Davouxiceras</i>	67
<i>hildesiense</i> , <i>Davouxiceras</i>	67
<i>hildensisformis</i> , <i>Crioceratites</i>	34
<i>hillsii</i> , <i>Ancylotropopaeum</i>	167
<i>Himalayites</i> (?) <i>laevis</i> FALLOT & TERMIER, 1923.....	89
Himantoceras THIEULOUY, 1965.....	31
<i>Himantoceras</i> <i>acuticostatum</i> THIEULOUY, 1965.....	31
<i>Himantoceras</i> <i>collignonii</i> THIEULOUY, 1965.....	32
<i>Himantoceras</i> <i>gigas</i> (THIEULOUY & BULOT, 1993).....	31
<i>Himantoceras</i> <i>lessinianum</i> FARAONI et al., 1997.....	32
<i>Himantoceras</i> <i>thieuloyi</i> MANDOV, 1974.....	32
<i>Himantoceras</i> <i>trinodosa</i> THIEULOUY, 1965.....	31, 32
HIMANTOCERATIDAE DIMITROVA, 1970.....	31
<i>hirtzi</i> , <i>Pseudoaustralicerias</i>	159
<i>hoggi</i> , <i>Cryptocioceras</i>	86
<i>hoheneggeri</i> , <i>Amorina</i>	278
<i>hoheneggeri</i> , <i>Karsteniceras</i>	232
<i>hoheneggeri</i> , <i>Leroceras</i>	226
<i>hokodensis</i> , <i>Cicatriles</i>	303
<i>Holcodiscus</i> <i>evolulus</i> FALLOT & TERMIER, 1923.....	239
<i>hondense</i> , <i>Protancyloceras</i>	13
Honoratia BUSNARDO, 2003.....	78
<i>Honoratia</i> <i>honoratiana</i> (D'ORBIGNY, 1842).....	78
<i>Honoratia</i> <i>munieri</i> (SARASIN & SCHÖNDELMAYER, 1902).....	79
<i>Honoratia</i> <i>thiollierei</i> (ASTIER, 1851).....	79
<i>Honoratia</i> <i>thiollierei bituberculata</i> SARKAR, 1955.....	80
<i>honoratiana</i> , <i>Honoratia</i>	78
<i>honoratii</i> , <i>Pseudomoutoniceras</i>	196
<i>Hoplites</i> <i>Catulloi</i> PARONA, 1898.....	56
<i>Hoplites</i> <i>monasteriensis</i> SIMIONESCU, 1899.....	63
<i>Hoplites</i> <i>pseudo-Malhoti</i> SARASIN & SCHÖNDELMAYER, 1901.....	60
<i>Hoplites</i> <i>Renevieri</i> SARASIN & SCHÖNDELMAYER, 1901.....	60
Hoploancyloceras NOWAK, 1913.....	133
Hoplocrioceras SPATH, 1924.....	114
<i>Hoplocrioceras</i> <i>aculeatum</i> SPATH, 1924.....	115
<i>Hoplocrioceras</i> <i>aequicostatum</i> (VON KOENEN, 1902).....	115
<i>Hoplocrioceras</i> <i>duncanense</i> (ANDERSON, 1938).....	115
<i>Hoplocrioceras</i> <i>fissicostatum</i> (ROEMER, 1841).....	115
<i>Hoplocrioceras</i> <i>hamlini</i> (ANDERSON, 1938).....	116
<i>Hoplocrioceras</i> <i>laeviusculum</i> (VON KOENEN, 1902).....	116
<i>Hoplocrioceras</i> <i>onoense</i> ANDERSON, 1938.....	115
<i>Hoplocrioceras</i> <i>phillipsi</i> (PHILLIPS, 1829).....	116
<i>Hoplocrioceras</i> <i>varocinctum</i> (VON KOENEN, 1902).....	116
<i>Hoplocrioceras</i> <i>remondi</i> (GABB, 1864).....	116
<i>Hoplocrioceras</i> <i>wintunium</i> ANDERSON, 1938.....	117
<i>Hoplocrioceras</i> <i>yollabollitium</i> ANDERSON, 1938.....	117
<i>Hoplocrioceras?</i> <i>kajgorodzevi</i> (VERESHCHAGIN, 1977)	116
<i>horeshaensis</i> , ? <i>Martelites</i>	191
<i>horridum</i> , ? <i>Paracrioceras</i>	81

<i>hourcqi, Labeceras</i>	245	<i>Janusites robustus</i> BERT & DELANOY, 2000.....	218
<i>hourcqi, Moutoniceras</i>	197	<i>jasykowi, Proaustralicerias</i>	155
<i>hourcqi, Protacrioceras</i>	91	<i>jauberti, Lytocrioceras</i>	290
<i>hourcqi Menuthiocrioceras</i>	46	Jaubertites SARKAR, 1955.....	144
<i>hoyeri, ?Paracrioceras</i>	81	<i>Jaubertites collignoni</i> SARKAR, 1955.....	145
Huastecoceras CANTÚ CHAPA, 1976.....	172	<i>Jaubertites dubius</i> SARKAR, 1955.....	144, 145
<i>hubachi, Leptoceras</i>	18	<i>Jaubertites dubius</i> var. <i>tuberculata</i> SARKAR, 1955.....	145
<i>humboldtianum, ?Ancyloceras</i>	134	<i>Jaubertites? porrectus</i> (TRAUTSCHOLD, 1886).....	145
<i>humboldtianum, ?Ptychoceras</i>	264	<i>jeletzkyi, Heteroceras</i>	174
<i>hunstantonensis, Tonohamites</i>	112	<i>jelevi jelevi, Leptoceras</i>	18
<i>hythense, Epancyloceras</i>	149	<i>jelevi mazenoti, Leptoceras</i>	18
<i>ibericum, Karsteniceras</i>	232	<i>jelevi sapunovi, Leptoceras</i>	18
<i>ibizense, Binelliceras</i>	50	<i>joffrey, Myloceras</i>	250
<i>icaunensis, Toxoceratoides</i>	106	<i>joliboisi, Acantholytoceras</i>	291
Idanoceras HENDERSON & MCKENZIE, 2002.....	256	<i>jordanense, ?Euptychoceras</i>	9
<i>Idanoceras klingerii</i> HENDERSON & MCKENZIE, 2002.....	256	Josticeras VAŠÍČEK & KLAJMON, 1998.....	241
<i>igori, Lüthancylus</i>	146	<i>Josticeras multicostatum</i> (STAHLÉCKER, 1935).....	242
<i>imericum, Heteroceras</i>	174	<i>Josticeras wiedmanni</i> VAŠÍČEK & KLAJMON, 1998.....	241, 242
<i>Imerites cristatus</i> (D'ORBIGNY, 1842).....	201	<i>joubertianum, ?Toxoceras</i>	199
<i>Imerites favrei</i> ROUCHADZE, 1933.....	202	<i>jourdani, Acrioceras (Paraspinoceras)</i>	101
<i>Imerites giraudi</i> (KILIAN, 1889).....	202	<i>journali, Emericeras</i>	72
<i>Imerites giraudi multicostatus</i> TOVBINA, 1963.....	203	Juddiceras SPATII, 1924.....	20
<i>Imerites gumbriensis</i> ROUCHADZE, 1933.....	204	<i>Juddiceras curvicosta</i> (VON KOENEN, 1902).....	20
<i>Imerites Katsharavai</i> ROUCHADZE, 1933.....	205	<i>julivertii, Acrioceras (Acrioceras)</i>	94
<i>Imerites ladjanoviensis</i> ROUCHADZE, 1933.....	205	<i>jupiter, Thurmannia</i>	260
<i>Imerites michailovae</i> KAKABADZE, 1971.....	203	Kabylites DURAND DELGA, 1954.....	12
<i>Imerites microcostatus</i> ROUCHADZE, 1933.....	203	<i>Kabylites superstes</i> (PERVINQUIÈRE, 1910).....	12
<i>Imerites planus</i> ROUCHADZE, 1933.....	205	<i>Kabylites undulatus</i> (VON KOENEN, 1902).....	12
Imerites ROUCHADZE, 1933.....	200	<i>kacelovens, Kutatissites</i>	126
<i>Imerites semituberculatus</i> ROUCHADZE, 1933.....	205	<i>kajgorodzevi, ?Hoplocrioceras</i>	114
<i>Imerites sparcicostatus</i> ROUCHADZE, 1933.....	203	<i>kakabadzei, Martelites</i>	191
<i>Imerites isholashensis</i> ROUCHADZE, 1933.....	205	Kakabadziella HOEDEMAEKER & HERNGREEN, 2003.....	54
<i>imlayi, Sornayites</i>	62	<i>kakhadzei, Colchidites</i>	183
<i>impar, Simancyloceras</i>	27	<i>kaliae, Audouliceras</i>	140
<i>imperator, Tropaeum (Tropaeum)</i>	161	<i>kampe, Crioceras</i>	260
<i>incubens minor, Ancyloceras</i>	260	<i>karakaschi, Crioceratites</i>	34
<i>incubens, Ancyloceras</i>	260	<i>karakaschi, Pseudothurmannia</i>	55
<i>indonesianis, ?Pascoelites</i>	222	<i>karsteni, Toxoceratoides</i>	106
<i>inermis, Crioceratites</i>	34	Karsteniceras ROYO Y GÓMEZ, 1945.....	232
<i>inflatum, Labeceras</i>	245	<i>Karsteniceras aequicostatum</i> VAŠÍČEK & HOEDEMAEKER, 2003.....	233
<i>inflatum, Shasticioceras</i>	287	<i>Karsteniceras asiaticum</i> (YABE & SHIMIZU, 1927).....	233
<i>inflatum, Tropaeum (Tropaeum)</i>	161	<i>Karsteniceras balernaense</i> RIEBER, 1977.....	230
<i>innexum, Simancyloceras</i>	27	<i>Karsteniceras beyrichii</i> (KARSTEN, 1858).....	233
<i>inornatum, Euptychoceras</i>	9	<i>Karsteniceras beyrichoide</i> VAŠÍČEK & WIEDMANN, 1994.....	234
<i>inostranzewi, Euptychoceras</i>	9	<i>Karsteniceras cirtae</i> (COQUAND, 1880).....	234
<i>insigne, Aegocrioceras</i>	21	<i>Karsteniceras hoheneggeri</i> VAŠÍČEK & WIEDMANN, 1994.....	234
<i>intermedium, Myloceras (Flindersites)</i>	255	<i>Karsteniceras ibericum</i> VAŠÍČEK & WIEDMANN, 1994.....	235
<i>intermedium, Shasticioceras</i>	287	<i>Karsteniceras obatai</i> MATSUKAWA, 1987.....	235
<i>intermedius, Colchidites</i>	183	<i>Karsteniceras pollieri</i> MYCZYŃSKI, 1977.....	231
<i>intermedius, Hemihoplites</i>	213	<i>Karsteniceras ternbergense</i> LUKENEDER, 2002.....	235
<i>intumescens, ?Paracrioceras</i>	81	<i>Karsteniceras trinidadense</i> VAŠÍČEK & WIEDMANN, 1994.....	235
<i>irianense Menuthiocrioceras</i>	46	<i>Karsteniceras? filicostatum</i> (STAHLÉCKER, 1935).....	234
<i>irregulare, Australicerias</i>	152	<i>Karsteniceras? hubachi</i> ROYO Y GÓMEZ, 1945.....	18
<i>irregularis, Crioceratites</i>	34	<i>Karsteniceras? multicostatum</i> KAKABADZE & HOEDEMAEKER, 1997.....	235
<i>ishiwara, ?Davouxiceras</i>	67	<i>Karsteniceras? pugnairii</i> (ASTIER, 1851).....	235
<i>isocostata, Heteroceras</i>	174	KARSTENICERATINAE IMMEL, 1987.....	230
<i>isocostata, Pseudothurmannia</i>	55	<i>karstenioides, Toxoceratoides</i>	106
<i>isocostatum, Acrioceras (Acrioceras)</i>	94	<i>katsharavai, Paraimerites</i>	203
<i>jackii, Australicerias</i>	152	<i>kauffmani, ?Pedioceras</i>	86
<i>janenschi, Janenschites</i>	11	<i>keepingi, Tropaeum (Tropaeum)</i>	161
Janenschites DURAND DELGA, 1954.....	11		
<i>Janenschites janenschi</i> (ZWIERZYCKI, 1914).....	11		
<i>janus, Janusites</i>	219		
Janusites BERT & DELANOY, 2000.....	219		
<i>Janusites dardeau</i> BERT & DELANOY, 2000.....	227		
<i>Janusites janus</i> (THIEULOY, 1979).....	219		
<i>Janusites marchandi</i> (BERT & DELANOY, 2000).....	220		

<i>khwamliensis, Hemihoplites</i>	213	<i>Labeceras compressum</i> WHITEHOUSE, 1926	246
<i>kiliani, Bochianites</i>	2	<i>Labeceras crassituberculatum</i> KLINGER, 1976	246
<i>kiliani, Davouxiceras</i>	67	<i>Labeceras crassituberculatum magnum</i> AGUIRRE- URRETA & RICCARDI, 1988	246
<i>kleini, Duyeina</i>	280	<i>Labeceras crassicosatum</i> COLLIGNON, 1950	247
<i>klingeri, Idanoceras</i>	256	<i>Labeceras etheridgei</i> (WHITEHOUSE, 1926)	247
<i>klipsteini, Barrancyloceras</i>	223	<i>Labeceras gracile</i> COLLIGNON, 1963	247
<i>koechlini recticostatum, Emericiceras</i>	73	<i>Labeceras hourcqii</i> COLLIGNON, 1950	247
<i>koechlini tuberculatum, Emericiceras</i>	73	<i>Labeceras inflatum</i> FÖRSTER, 1975	247
<i>koechlini, Emericiceras</i>	72	<i>Labeceras laqueum</i> (ETHERIDGE, 1892)	247
<i>koechliniformis, Crioceratites</i>	34	<i>Labeceras oodnadattaense</i> REYMENT, 1964	248
<i>koeneni, ?Acanthoptychoceras</i>	283	<i>Labeceras papulatum</i> WHITEHOUSE, 1926	248
<i>koeneni, ?Aegocrioceras</i>	21	<i>Labeceras plasticum crassum</i> SPATH, 1925	248
<i>koeneni, Tonohamites</i>	112	<i>Labeceras plasticum</i> SPATH, 1925	248
Koenenicer MIKHAILOVA & BARABOSHKIN, 2002 ..	145	<i>Labeceras rectum</i> KLINGER, 1976	249
<i>Koenenicer rareplicatum</i> MIKHAILOVA & BARABOSHKIN, 2002	145	<i>Labeceras singulare</i> (LEANZA, 1970)	249
<i>Koenenicer tenuiplicatum</i> (VON KOENEN, 1902) ..	145	<i>Labeceras spathi</i> COLLIGNON, 1936	249
<i>kohlarseni, Georgioceras</i>	260	<i>Labeceras tabulatum</i> MEDINA & RINALDI, 1986	249
<i>kornehaense, Pseudocrioceras</i>	120	<i>Labeceras trifidum</i> WHITEHOUSE, 1926	249
<i>kotetishvilae, Heteroceras</i>	175	<i>Labeceras vegaense</i> MEDINA & RINALDI, 1986 ..	249
<i>kraptschenense, Spathicrioceras</i>	51	LABECERATIDAE SPATH, 1925	245
<i>krenkeli, Crioceratites</i>	34	<i>labrousseae, Balearites</i>	48
<i>krenkeli, Toxoceratoides</i>	106	<i>lachepaensis, Colchidites</i>	183
<i>krishnaae tuberculatum, Spathicrioceras</i>	51	<i>ladjanuriensis, Paramerites</i>	204
<i>krishnaae, Spathicrioceras</i>	51	<i>laeve hamaimense, Ptychoceras</i>	264
<i>kuntzi Menuthiocrioceras</i>	46	<i>laeve, Diptychoceras</i>	270
<i>kurdistanense, Protancyloceras</i>	13	<i>laeve, Paraspitoceras</i>	88
<i>kutatisiense, Pseudocrioceras</i>	120	<i>laeve, Ptychoceras</i>	264
<i>kutatisiensis, Colchidites</i>	183	<i>laevis, ?Hamulina</i>	271
Kutatissites KAKABADZE, 1970	126	<i>laevis, Bochianites</i>	2
<i>Kutatissites abichanus</i> (D'ORBIGNY, 1851)	127	<i>laeviusculum, Hoplocrioceras</i>	114
<i>Kutatissites avrami</i> STOYKOVA, 1992	127	<i>lahuseni, Ammonitoceras</i>	150
<i>Kutatissites bifurcatus</i> KAKABADZE, 1970	126, 127	<i>lakhpephense, ?Tropaeum (Tropaeum)</i>	161
<i>Kutatissites boteroi</i> ETAYO-SERNA, 1983	127	<i>lakhmiae, Acrioceras (Acrioceras)</i>	94
<i>Kutatissites chrethiensis</i> KAKABADZE, 1981	127	<i>lampros, Australiceras</i>	152
<i>Kutatissites creutzbergi</i> KAKABADZE & HOEDEMAEKER, 2004	127	Laqueoceras KAKABADZE & HOEDEMAEKER, 2004 ..	170
<i>Kutatissites curvicosatus</i> STOYKOVA, 1992	127	Laqueoceras LANGE, 1926	170
<i>Kutatissites densecostatus compactus</i> KAKABADZE & HOEDEMAEKER, 2004	128	<i>Laqueoceras laqueus</i> KAKABADZE & HOEDEMAEKER, 2004	170
<i>Kutatissites densecostatus</i> KAKABADZE, 1981	127	<i>laqueum, Labeceras</i>	245
<i>Kutatissites edwardsi</i> (REYNÉS, 1876)	128	<i>laqueus, Laqueoceras</i>	170
<i>Kutatissites etayosernai</i> KAKABADZE & HOEDEMAEKER, 2004	128	<i>lardyi, Sornayites</i>	62
<i>Kutatissites grandis</i> KAKABADZE & HOEDEMAEKER, 2004 ..	128	<i>lashense, Ptychoceras</i>	264
<i>Kutatissites helicoceroides</i> (ERISTAVI, 1955)	128	<i>lashensis communis, Argvethites</i>	207
<i>Kutatissites helicoides</i> (ROUCHADZE, 1933)	128	<i>lashensis, Argvethites</i>	207
<i>Kutatissites helicoides robustus</i> (ERISTAVI, 1955)	129	<i>latecostatus, Murtelites</i>	191
<i>Kutatissites kacelovensis</i> STOYKOVA, 1992	129	<i>laticeps, Proaustraliceras</i>	155
<i>Kutatissites niongaleensis</i> (KRENKEL, 1910)	129	<i>latum, ?Davouxiceras</i>	67
<i>Kutatissites ostricensis</i> STOYKOVA, 1992	129	<i>latus, Costidiscus</i>	298
<i>Kutatissites paquieri</i> (KILIAN & REBOUL, 1915)	129	<i>lazarini, Rouchadzeites</i>	190
<i>Kutatissites pouponi</i> DELANOV et al, 2000	129	<i>leenhardtii, Heteroceras</i>	175
<i>Kutatissites princeps</i> (AVRAM, 1976)	129	<i>legibilis, Colchidites</i>	183
<i>Kutatissites rachathaensis</i> KAKABADZE, 1977	130	<i>leivaense, ?Emericiceras</i>	73
<i>Kutatissites recticostatus</i> (ERISTAVI, 1955)	130	<i>lenoblei Menuthiocrioceras</i>	46
<i>Kutatissites rionensis</i> (ROUCHADZE, 1933)	130	Leptoceras UHLIG, 1883	18
<i>Kutatissites simonescui</i> (AVRAM, 1976)	130	<i>Leptoceras asiaticum</i> YABE & SHIMIZU, 1927	233
<i>Kutatissites? galanensis</i> KAKABADZE & HOEDEMAEKER, 2004	128	<i>Leptoceras brunneri</i> (OOSTER, 1860)	18
<i>Kutatissites carolinus</i> (FLANDRIN, 1929)	127	<i>Leptoceras brunneriforme</i> AVRAM, 1999	230
<i>labatii, Amorina</i>	278	<i>Leptoceras hubachi</i> (ROYO Y GOMEZ, 1945)	18
Labeceras SPATH, 1925	245	<i>Leptoceras lissoni</i> RIVERA, 1951	16
<i>Labeceras (Labeceras) ovale</i> KLINGER, 1976	247	<i>Leptoceras sexformale</i> RENNIGARTEN, 1951	244
<i>Labeceras bryani acuticostatum</i> FÖRSTER 1975	246	<i>Leptoceras steinmanni</i> RIVERA, 1951	16
<i>Labeceras bryani</i> WHITEHOUSE, 1926	245, 246	<i>Leptoceras studeri</i> (OOSTER, 1860)	19
		<i>Leptoceras svinitensis</i> AVRAM, 1999	232
		<i>Leptoceras ubalaense</i> HAAS, 1960	20
		<i>Leptoceras? catalinense</i> IMLAY, 1942	14
		<i>Leptoceras? hondense</i> IMLAY, 1942	15

<i>Leptoceras? spinosum</i> STAHLCKER, 1935	244
LEPTOCERATINAE MANOLOV, 1962	13
<i>Leptoceratoides</i> THIEULOV, 1966	230
<i>Leptoceratoides balernaensis</i> (RIEBER, 1977)	230
<i>Leptoceratoides brunneriformis</i> (AVRAM, 1999)	230
<i>Leptoceratoides longicornis</i> (PICTET & DE LORIOI, 1858)	231
<i>Leptoceratoides pumilus</i> (UHLIG, 1883)	231
<i>Leptoceratoides subtilis</i> (UHLIG, 1883)	232
<i>Leptoceratoides svinitensis</i> (AVRAM, 1999)	232
<i>Leptoceratoides? heeri</i> (OOSTER, 1860)	230
<i>Leptoceratoides? polieri</i> (MYCZYŃSKI, 1977)	231
LEPTOCERATOIDIDAE genus incertum	244
LEPTOCERATOIDIDAE THIEULOV, 1966	230
<i>Leptoceratoides? puzosianus</i> (D'ORBIGNY, 1842)	231
<i>Leptohamulina</i> VERMEULEN, 2006	282
<i>Leptohamulina distans</i> (UHLIG, 1883)	282
<i>Leptohamulina rothi</i> (VAŠÍČEK, 1972)	282
<i>leptum</i> , <i>Tropaeum</i> (Tropaeum)	161
<i>Leroceras</i> VERMEULEN, 2006	226
<i>Leroceras dolloi</i> (SARKAR, 1955)	226
<i>Leroceras hoheneggeri</i> (UHLIG, 1883)	226
<i>Leroceras mascarellii</i> VERMEULEN, 2005	226
<i>lessinianum</i> , <i>Himantoceras</i>	31
<i>levigatum</i> , <i>Ptychoceras</i>	264
<i>leyvaense</i> , <i>Paracrioceras</i>	81
<i>ligatum</i> , <i>Aegocrioceras</i>	21
<i>limbatus</i> , <i>Tonohamites</i>	112
<i>limentinum</i> , <i>Camereiceras</i>	217
<i>Lindigia</i> KARSTEN, 1858	174
<i>Lindigia? nodosum</i> ANDERSON, 1902	131
<i>Lindigia helicoceroidei</i> KARSTEN, 1858	174, 179
<i>lissoni</i> , <i>Protancyloceras</i>	13
<i>lithancyliforme</i> , <i>Ancyloceras</i>	134
<i>Lithancylus</i> CASEY, 1960	146
<i>Lithancylus australis</i> DAY, 1967	147
<i>Lithancylus fustis</i> CASEY, 1961	147
<i>Lithancylus glebi</i> MIKHAILOVA & BARABOSHKIN, 2001	147
<i>Lithancylus godeti</i> (THIEULOV, 1990)	147
<i>Lithancylus grandis</i> (J. DE C. SOWERBY, 1828)	147
<i>Lithancylus igori</i> MIKHAILOVA & BARABOSHKIN, 2001	148
<i>Lithancylus mirabilis</i> (ANDERSON, 1938)	148
<i>Lithancylus nauplius</i> (ANDERSON, 1938)	148
<i>Lithancylus neleus</i> (ANDERSON, 1938)	148
<i>Lithancylus pushevensis</i> NIKOLOV & PARASHKEVANOV, 1995	148
<i>Lithancylus russiensis</i> MIKHAILOVA & BARABOSHKIN, 2001	148
<i>Lithancylus tirolensisformis</i> MIKHAILOVA & BARABOSHKIN, 2001	148
<i>Lithancylus tirolensis</i> CASEY, 1961	148
<i>Lithancylus? attrax</i> (ANDERSON, 1938)	147
<i>Lithancylus? cyclopius</i> (ANDERSON, 1938)	147
<i>Lithancylus? guanacoensis</i> LEANZA, 1970	147
<i>lobjanidzei</i> , <i>Pseudocrioceras</i>	120
<i>loegteri</i> , <i>Tropaeum</i> (Tropaeum)	161
<i>longicornis</i> , <i>Leptoceratoides</i>	230
<i>longicostatus</i> , <i>Colchidites</i>	183
<i>longispinum</i> , <i>Acantholytocras</i>	291
<i>longum</i> , <i>Hamiticeras</i>	132
<i>longus</i> , <i>Colchidites</i>	183
<i>longus</i> , <i>Tropaeum</i> (Tropaeum)	161
<i>lorioli</i> , <i>Anahamulina</i>	274
<i>lorioli</i> , <i>Balearites</i>	48
<i>lorioli</i> , <i>Crioceratites</i>	34
<i>loryi</i> , <i>Crioceratites</i>	34
<i>lumarius</i> , <i>Hemihoplites</i>	213
<i>Luppovia</i> BOGDANOVA, KAKABADZE & MIKHAILOVA, 1978	172
<i>Luppovia adjidensis</i> BOGDANOVA, KAKABADZE & MIKHAILOVA, 1978	172
<i>Luppovia dostshanensis</i> BOGDANOVA, KAKABADZE & MIKHAILOVA, 1978	172
<i>lurensis</i> , <i>Pseudothurmannia</i>	55
<i>lusitanicum</i> , <i>Davouiceras</i>	67
<i>Lytoceras</i> (<i>Cicatriles</i>) <i>Abichi</i> ANTHULA, 1900	303
<i>Lytoceras</i> (<i>Costidiscus</i>) <i>nodosostriatum</i> UHLIG, 1883	300
<i>Lytoceras</i> (<i>Costidiscus</i>) <i>olcostephanoides</i> UHLIG, 1883	300
<i>Lytoceras</i> (<i>Costidiscus</i>) <i>Rakusi</i> UHLIG, 1883	301
<i>Lytoceras tenuistritum</i> REPELIN, 1899	303
<i>Lytocrioceras</i> SPATH, 1924	290
<i>Lytocrioceras jauberti</i> (ASTIER, 1851)	290
<i>Lytocrioceras verdonii</i> EBB0 et al., 1999	290
<i>Lytocrioceras vocontienne</i> EBB0 et al., 1999	291
LYTROCRIOCERATACEAE VERMEULEN, 2000	264
<i>macilenta</i> , <i>Pseudothurmannia</i>	55
<i>Macroscaphites</i> MEEK, 1876	293
<i>Macroscaphites abchasiensis</i> KAKABADZE, 2004	293
<i>Macroscaphites afra</i> SAYN, 1890	293
<i>Macroscaphites alpinus</i> (D'ORBIGNY, 1850)	294
<i>Macroscaphites binodosus</i> (UHLIG, 1883)	294
<i>Macroscaphites decorus</i> (VON EICHWALD, 1868)	294
<i>Macroscaphites ectotuberculatus</i> AVRAM, 1984	294
<i>Macroscaphites elegans</i> KAKABADZE, 2004	295
<i>Macroscaphites fallauxi</i> (UHLIG, 1883)	295
<i>Macroscaphites fischeuri</i> SAYN, 1896	295
<i>Macroscaphites nodosocostatus</i> (KARAKASCH, 1907)	295
<i>Macroscaphites perforatus</i> AVRAM, 1984	295
<i>Macroscaphites striatissulcatus</i> (D'ORBIGNY, 1841)	295
<i>Macroscaphites striatissulcatus</i> var. <i>afra</i> SAYN, 1890	293
<i>Macroscaphites tirolensis</i> UHLIG, 1888	296
<i>Macroscaphites yvanii</i> (PUZOS, 1832)	296
<i>Macroscaphites yvanii disjuncticostatus</i> KAKABADZE & THIEULOV, 1991	298
MACROSCAPHITIDAE HYATT, 1900	289
<i>madagascariensis</i> , <i>Hamitoides</i>	257
<i>madyae</i> , <i>Costidiscus</i>	298
<i>maghrebiense</i> , <i>Barrancyloceras</i>	223
<i>magnini</i> , <i>Pseudoshasticioceras</i>	226
<i>magnum</i> , <i>Tropaeum</i> (<i>Australotropaeum</i>)	167
<i>mahadevai tuberculatum</i> , <i>Emericiceras</i>	73
<i>mahadevai</i> , <i>Emericiceras</i>	73
<i>mahafulense</i> <i>Menuthiocrioceras</i>	46
<i>mahakaliae</i> , <i>Emericiceras</i>	73
<i>maheswariae</i> , <i>Acriceras</i> (<i>Acriceras</i>)	94
<i>maioense</i> , <i>Acriceras</i> (<i>Acriceras</i>)	94
<i>majoricensis</i> , <i>Spathiocrioceras</i>	51
<i>maldonadi</i> , <i>Bochianites</i>	2
<i>mandovi</i> , <i>Crioceratites</i>	35
<i>Manoloviceras</i> VAŠÍČEK & WIEDMANN, 1994	243
<i>Manoloviceras saharievae</i> (MANOLOV, 1962)	243
<i>mantelli</i> , <i>Ancyloceras</i>	134
<i>Mantelliceras yrigoyeni</i> LEANZA, 1970	86
<i>marchandi</i> , <i>Janusites</i>	219
<i>marii</i> , <i>Moutoniceras</i>	197
<i>marteli</i> , <i>Martelites</i>	191
<i>Martelites</i> CONTE, 1989	191
<i>Martelites albionensis</i> CONTE, 1989	193
<i>Martelites barruoli</i> CONTE, 1989	193
<i>Martelites ellipticus</i> (ROUCHADZE, 1933)	192

<i>Martelites ellipticus kvadaurensis</i> (ROUCHADZE, 1933)	192
<i>Martelites gamkrelidzei</i> (ROUCHADZE, 1933)	192
<i>Martelites kakabadzei</i> (KOTETISHVILI, 1970)	192
<i>Martelites latecostatus</i> (ROUCHADZE, 1933)	192
<i>Martelites marteli</i> CONTE, 1989	191, 193
<i>Martelites rionensis</i> (SIMONOVICH, BATSEVICH & SOROKIN, 1875)	193
<i>Martelites sarasini</i> (ROUCHADZE, 1933)	193
<i>Martelites tsonae</i> (ROUCHADZE, 1933)	194
<i>Martelites vulanensis</i> (EGOIAN, 1965)	194
<i>Martelites vulanensis australis</i> (KLINGER, KAKABADZE & KENNEDY, 1984)	194
<i>Martelites? horeshaensis</i> (ROUCHADZE, 1933)	192
<i>martinsi</i> , <i>Rugacrioceras</i>	289
<i>mascarellii</i> , <i>Lerocyeras</i>	226
<i>mascarellii</i> , <i>Rouchadzeites</i>	190
<i>massei</i> , <i>Pseudocrioceras</i>	120
<i>Mastigohamites</i> BÖHM, 1926	268
<i>Mastigohamites</i> BREISTROFFER, 1947	268
<i>Mastigohamites adpressus</i> (SOWERBY, 1814)	269
<i>matheronitium derognati</i> , <i>Ancyloceras</i>	134
<i>matheronitium moreti</i> , <i>Ancyloceras</i>	134
<i>matheronitium</i> , <i>Ancyloceras</i>	134
<i>Matheronites brevicostatus</i> BOGDANOVA, 1971	214
<i>Matheronites Khwamliensis</i> ROUCHADZE, 1933	215
<i>Matheronites limentinus</i> THIEULOY, 1979	217, 218
<i>Matheronites lumarius</i> RENNGARTEN, 1951	215
<i>Matheronites soulieri</i> var. <i>persulcata</i> RENNGARTEN, 1951	217
<i>Matheronites turcmenicus</i> LUPPOV, 1936	217
<i>Matheronites ukensis</i> DIMITROVA, 1967	218
<i>matsumotoi</i> , <i>Crioceratites</i>	35
<i>mazapilense</i> , <i>?Diphychoceras</i>	270
Megacrioceras DELANOY, AUTRAN & THIOMEL, 1987	285
<i>Megacrioceras astierianum</i> (D'ORBIGNY, 1850)	285
<i>Megacrioceras dublieri</i> (JAUBERT, 1856)	285
<i>Megacrioceras picteti</i> (OOSTER, 1860)	285
<i>Megacrioceras sringei</i> (ASTIER, 1851)	286
<i>Megacrioceras sringei multicostatum</i> (SARKAR, 1955)	286
<i>Megacrioceras? pictetiforme</i> (BUSNARDO, 2003)	286
MEGACRIOCRATIDAE VERMEULEN, 2006	285
Menuthiocrioceras COLLIGNON, 1949	46
<i>Menuthiocrioceras ampakabense</i> COLLIGNON, 1962	46
<i>Menuthiocrioceras aontzyense</i> COLLIGNON, 1962	46
<i>Menuthiocrioceras besairiei</i> (COLLIGNON, 1949)	47
<i>Menuthiocrioceras colcanapi</i> COLLIGNON, 1962	47
<i>Menuthiocrioceras compressum</i> (SKWARKO & THIEULOY, 1989)	47
<i>Menuthiocrioceras hourcqui</i> (COLLIGNON, 1949)	47
<i>Menuthiocrioceras irianense</i> (SKWARKO & THIEULOY, 1989)	47
<i>Menuthiocrioceras kuntzi</i> COLLIGNON, 1962	47
<i>Menuthiocrioceras lenoblei</i> (COLLIGNON, 1949)	47
<i>Menuthiocrioceras mahafalense</i> COLLIGNON, 1962	47
<i>Menuthiocrioceras sarkari</i> COLLIGNON, 1962	47
<i>Menuthiocrioceras sornayi</i> COLLIGNON, 1962	47
<i>meriani dilatatum</i> , <i>Acrioceras</i> (<i>Acrioceras</i>)	94
<i>meriani tabarelliforme</i> , <i>Acrioceras</i> (<i>Acrioceras</i>)	94
<i>meriani</i> , <i>Acrioceras</i> (<i>Acrioceras</i>)	94
<i>meridionale</i> , <i>Parancyloceras</i>	28
Mesocrioceras BREISTROFFER, 1952	94
<i>mexicanus</i> , <i>?Hemihoplites</i>	213
<i>meyrati</i> , <i>?Bochianites</i>	2
<i>meyrati</i> , <i>Euptychoceras</i>	9
<i>meyrati</i> , <i>Hamulina</i>	271
<i>michailovae</i> , <i>Imerites</i>	201
<i>mickali</i> , <i>Pseudocrioceras</i>	120
Micrancycloceras BUSNARDO in GAUTHIER, 2006	119
<i>microcostatus</i> , <i>Costidiscus</i>	298
<i>microcostatus</i> , <i>Imerites</i>	201
<i>mikhaili</i> , <i>Egoianites</i>	190
<i>minimum</i> , <i>Ptychoceras</i>	264
<i>minor</i> , <i>Argvethites</i>	207
<i>minuta</i> , <i>Uhligia</i>	196
<i>mirabilis</i> , <i>Lithancylus</i>	146
<i>mojsisovicsi</i> , <i>Toxancyloceras</i>	118
<i>mokaharensis</i> , <i>Myloceras</i>	250
<i>monasteriensis</i> , <i>?Sornayites</i>	62
<i>monmothoi</i> , <i>Heteroceras</i>	175
<i>monopujae minor</i> , <i>Rugacrioceras</i>	289
<i>monopujae multicostatum</i> , <i>Rugacrioceras</i>	289
<i>monopujae yvanii</i> , <i>Rugacrioceras</i>	289
<i>monopujae</i> , <i>Emericiceras</i>	73
<i>monopujae</i> , <i>Rugacrioceras</i>	289
<i>monotuberculatus</i> , <i>Crioceratites?</i>	35
Monsalveiceras KAKABADZE & HOEDEMAEKER, 1997	236
<i>Monsalveiceras monsalsense</i> KAKABADZE & HOEDEMAEKER, 1997	236
<i>monsalsense</i> , <i>Monsalveiceras</i>	236
<i>monsalsensis</i> , <i>Crioceratites</i>	35
<i>montclusensis</i> , <i>Balearites</i>	48
<i>moriezense</i> , <i>Heteroceras</i>	175
<i>morloti</i> , <i>?Euptychoceras</i>	9
<i>morloti</i> , <i>Acrioceras</i> (<i>Paraspinoceras</i>)	101
<i>mortilleti rotundata</i> , <i>Pseudothurmannia</i>	55
<i>mortilleti</i> , <i>Pseudothurmannia</i>	55
<i>moulladei</i> , <i>Heteroceras</i>	175
<i>moussoni</i> , <i>Protacrioceras</i>	91
<i>moutoni</i> , <i>Emericiceras</i>	73
<i>moutonianum</i> , <i>Moutoniceras</i>	197
Moutoniceras SARKAR, 1954	197
<i>Moutoniceras berti</i> VERMEULEN, 2003	198
<i>Moutoniceras dahnowi</i> (KARAKASCH, 1907)	198
<i>Moutoniceras hourcqi</i> (COLLIGNON, 1949)	198
<i>Moutoniceras marii</i> VERMEULEN, 1997	198
<i>Moutoniceras moutonianum</i> (D'ORBIGNY, 1850)	198
<i>Moutoniceras nodosum</i> (D'ORBIGNY, 1850)	199
<i>Moutoniceras varusense</i> (D'ORBIGNY, 1850)	199
<i>Moutoniceras? blandi</i> (MURPHY, 1975)	198
<i>mozambiquense</i> , <i>Audouliceras</i>	140
<i>mucklee</i> , <i>Acrioceras</i> (<i>Acrioceras</i>)	94
<i>muelleri</i> , <i>Paracrioceras</i>	81
<i>mul santi</i> , <i>Subaspinoceras</i>	64
<i>multicingulatum</i> , <i>?Tropaeum</i> (<i>Tropaeum</i>)	161
<i>multicostatum</i> , <i>?Karsteniceras</i>	233
<i>multicostatum</i> , <i>Josticeras</i>	241
<i>multicostatum</i> , <i>Pedioceras</i>	86
<i>multicostatum</i> , <i>Turkmeniceras</i>	210
<i>multicostatus</i> , <i>Colchidites</i>	183
<i>multifurcatus</i> , <i>Colchidites</i>	183
<i>multituberculatus</i> , <i>Tonohamites</i>	112
<i>mundum</i> , <i>Crioceratites?</i>	35
<i>munieri</i> , <i>?Ancyloceras</i>	134
<i>munieri</i> , <i>Hamulinites</i>	236
<i>munieri</i> , <i>Honnoratia</i>	78
<i>murphyi</i> , <i>Pseudoshasticioceras</i>	226
Myloceras SPATH, 1925	249
Myloceras (Calliscaphites) LEANZA, 1970	253
<i>Myloceras</i> (<i>Calliscaphites</i>) <i>andinum</i> (LEANZA, 1970)	254

<i>Myloceras</i> (<i>Calliscaphites</i>)? <i>altissimum</i> (COLLIGNON, 1950).....	254
<i>Myloceras</i> (<i>Ellipsoceras</i>) COLLIGNON, 1950.....	254
<i>Myloceras</i> (<i>Ellipsoceras</i>) <i>expansum</i> (COLLIGNON, 1950).....	254
<i>Myloceras</i> (<i>Flindersites</i>) WHITEHOUSE, 1926.....	254
<i>Myloceras</i> (<i>Flindersites</i>) <i>baccatum</i> (WHITEHOUSE, 1926).....	255
<i>Myloceras</i> (<i>Flindersites</i>) <i>flindersi</i> (McCoy, 1867).....	255
<i>Myloceras</i> (<i>Flindersites</i>) <i>intermedium</i> (WHITEHOUSE, 1926).....	255
<i>Myloceras</i> <i>amalthaea</i> SPATH, 1925.....	251
<i>Myloceras</i> <i>ammonoides</i> (ETHERIDGE, 1909).....	250
<i>Myloceras</i> <i>autilum</i> McNAMARA, 1978.....	251
<i>Myloceras</i> <i>axonioides</i> (ETHERIDGE, 1909).....	251
<i>Myloceras</i> <i>hesairiei</i> COLLIGNON, 1932.....	251
<i>Myloceras</i> <i>hituberculatum</i> KLINGER, 1989.....	251
<i>Myloceras</i> <i>cornucopium</i> SPATH, 1925.....	251
<i>Myloceras</i> <i>davidi</i> WHITEHOUSE, 1926.....	250
<i>Myloceras</i> <i>edkinsi</i> (ETHERIDGE, 1892).....	252
<i>Myloceras</i> <i>joffrei</i> (BOULÉ, LEMOINE & THÉVENIN, 1907).....	252
<i>Myloceras</i> <i>mokarahense</i> COLLIGNON, 1963.....	252
<i>Myloceras</i> <i>orbiculus</i> WHITEHOUSE, 1926.....	250
<i>Myloceras</i> <i>robustum</i> KLINGER, 1976.....	252
<i>Myloceras</i> <i>rotundum</i> KLINGER, 1976.....	252
<i>Myloceras</i> <i>serotinum</i> <i>attenuatum</i> COLLIGNON, 1951.....	253
<i>Myloceras</i> <i>serotinum</i> <i>ellipticum</i> COLLIGNON, 1951.....	253
<i>Myloceras</i> <i>serotinum</i> <i>planum</i> SPATH, 1925.....	253
<i>Myloceras</i> <i>serotinum</i> <i>rugosum</i> SPATH, 1925.....	253
<i>Myloceras</i> <i>serotinum</i> SPATH, 1925.....	252
<i>Myloceras</i> <i>serotinum</i> var. <i>annulata</i> COLLIGNON, 1963.....	253
MYLOCERATIDAE SPATH, 1939.....	245
<i>nagerai</i> , <i>Toxoceratoides</i>	106
<i>naitschikensis</i> , <i>Colchidites</i>	183
<i>natrice</i> , <i>Euptychoceras</i>	9
<i>nauplius</i> , <i>Lithancylus</i>	146
<i>nautiloides</i> , <i>Aleteceras</i>	256
<i>neleus</i> , <i>Lithancylus</i>	146
<i>neocomiensiformis</i> , <i>Bochianites</i>	2
<i>neocomiensis</i> <i>lamberti</i> , <i>Bochianites</i>	2
<i>neocomiensis</i> <i>tuberculatus</i> , <i>Bochianites</i>	2
<i>neocomiensis</i> , <i>Bochianites</i>	2
<i>Neocomites</i> <i>russelli</i> ANDERSON, 1938.....	262
<i>Neohoplites</i> <i>diamantensis</i> GERTH, 1925.....	65
<i>neptuni</i> , <i>Hamitoides</i>	257
<i>nicklesi</i> , <i>Hamulinites</i>	236
<i>nicortsmindensis</i> , <i>Anahamulina</i>	274
<i>nicortsmindensis</i> , <i>Colchidites</i>	183
<i>nikchitchi</i> , <i>Diptychoceras</i>	270
<i>niongalensis</i> , <i>Kutatissites</i>	126
<i>nipponicum</i> , <i>Shastieroceras</i>	287
<i>nitida</i> , ? <i>Hamulina</i>	271
<i>nodosocostatus</i> , <i>Bochianites</i>	2
<i>nodosocostatus</i> , <i>Macroscaphites</i>	293
<i>nodosotriatus</i> <i>nunui</i> , <i>Costidiscus</i>	298
<i>nodosotriatus</i> <i>sabhyensis</i> , <i>Costidiscus</i>	298
<i>nodosotriatus</i> , <i>Costidiscus</i>	298
<i>nodosum</i> , <i>Moutoniceras</i>	197
<i>nodosus</i> , ? <i>Helicancylus</i>	131
<i>nodulosum</i> , ? <i>Paraspticerias</i>	88
<i>nodulosum</i> , <i>Ancyloceras</i>	260
<i>nolani</i> <i>bassalense</i> , <i>Davouxiceras</i>	67
<i>nolani</i> , <i>Balearites</i>	48
<i>nolani</i> , <i>Davouxiceras</i>	67
<i>nonyani</i> , <i>Helicancyloceras</i> (<i>Nonyaniceras</i>).....	170
<i>noricus</i> , <i>Bochianites</i>	2
<i>norleyi</i> , <i>Eoheteroceras</i>	242
<i>nowaki</i> , <i>Binellicerias</i>	50
<i>obatai</i> , <i>Karstenicerias</i>	233
<i>obesum</i> , <i>Tropaeum</i> (<i>Tropaeum</i>).....	161
<i>obliquatus</i> , <i>Hemibaculites</i>	195
<i>obliquatus</i> , <i>Toxoceratoides</i>	106
<i>obliqueusculatum</i> , <i>Ptychoceras</i>	264
<i>obovatum</i> , <i>Ancyloceras</i>	134
<i>obscurcostatum</i> , <i>Protancyloceras</i>	13
<i>obtusatum</i> , <i>Ancyloceras</i>	134
<i>occultum</i> , <i>Paracrioceras</i>	81
<i>ohmi</i> , <i>Pseudothurmannia</i>	55
<i>olcostephanoides</i> , <i>Costidiscus</i>	298
<i>onoense</i> , <i>Hoplocrioceras</i>	114
<i>oodnadattaense</i> , <i>Labeceras</i>	245
<i>oosteri</i> , <i>Bochianites</i>	2
<i>oosteri</i> , <i>Protacrioceras</i>	91
<i>orbiculum</i> , <i>Myloceras</i>	250
<i>orbignyianum</i> , <i>Pseudocrioceras</i>	120
<i>Orbignyoceras</i> ROYO & GOMEZ, 1945.....	240
<i>Orbignyoceras</i> <i>hennigi</i> (STÄHLECKER, 1935).....	241
<i>Orbignyoceras</i> <i>veleziense</i> ROYO & GOMEZ, 1945.....	241
<i>Orbignyoceras</i> <i>veleziensis</i> ROYO & GOMEZ, 1945.....	240
<i>orbignyi</i> , ? <i>Ptychoceras</i>	264
<i>ornatum</i> <i>alpinum</i> , <i>Protacrioceras</i>	91
<i>ornatum</i> <i>flexuosum</i> , <i>Protacrioceras</i>	91
<i>ornatum</i> <i>latispirum</i> , <i>Protacrioceras</i>	91
<i>ornatum</i> <i>tuberculatum</i> , <i>Protacrioceras</i>	91
<i>ornatum</i> , <i>Protacrioceras</i>	91
<i>Orniccephalites</i> SKWAROK & THIEULOY, 1989.....	221
<i>Orthocera</i> <i>Humboldtiana</i> LEA, 1841.....	136
<i>ostricensis</i> , <i>Kutatissites</i>	126
<i>ottohaasi</i> <i>tuberculatum</i> , <i>Emericiceras</i>	73
<i>ottohaasi</i> , <i>Emericiceras</i>	73
<i>ouachense</i> , <i>Toxoceras</i>	244
<i>ovale</i> , <i>Labeceras</i>	245
<i>ozakii</i> , <i>Tropaeum</i> (<i>Tropaeum</i>).....	161
<i>pachycostata</i> , ? <i>Duyeyina</i>	280
<i>pachycyclum</i> , <i>Paraspticerias</i>	88
<i>Pachyhemihoplites</i> DELANOY, 1992.....	219
<i>Pachyhemihoplites</i> <i>coheni</i> (SARKAR, 1955).....	219
<i>Pachyhemihoplites</i> <i>contei</i> DELANOY, 1992.....	219
<i>Pachyhemihoplites</i> <i>gerthi</i> (SARKAR, 1955).....	219
<i>Pachyhemihoplites</i> <i>thomeli</i> DELANOY, 1992.....	219
<i>pamuksthiensis</i> , <i>Hamulina</i>	271
<i>panescorsii</i> , <i>Crioceratites</i>	35
<i>papulatum</i> , <i>Labeceras</i>	245
<i>paquieri</i> , <i>Kutatissites</i>	126
<i>Paracolchidites</i> <i>parvituberculatus</i> EGOIAN, 1977.....	188
<i>Paracostidiscus</i> BUSNARDO, 2003.....	64
<i>Paracostidiscus</i> <i>radians</i> BUSNARDO, 2003.....	65
<i>Paracrioceras</i> <i>spathi</i> KEMPER et al., 1981.....	85
<i>Paracrioceras</i> SPATH, 1924.....	80
<i>Paracrioceras</i> <i>annulatum</i> (VON KOENEN, 1902).....	82
<i>Paracrioceras</i> <i>asiaticum</i> (MATSUMOTO, 1947).....	82
<i>Paracrioceras</i> <i>banksi</i> SPATH, 1924.....	82
<i>Paracrioceras</i> <i>beani</i> (YOUNG & BIRD, 1828).....	82
<i>Paracrioceras</i> <i>cabreraense</i> (KAKABADZE & HOEDEMAEKER, 2004).....	82
<i>Paracrioceras</i> <i>crassispina</i> (VON KOENEN, 1902).....	83
<i>Paracrioceras</i> <i>denckmanni</i> (MÜLLER, 1892).....	83
<i>Paracrioceras</i> <i>elegans</i> (VON KOENEN, 1902).....	83
<i>Paracrioceras</i> <i>leyvaense</i> (KAKABADZE & HOEDEMAEKER, 2004).....	84
<i>Paracrioceras</i> <i>occultum</i> (SEELEY, 1865).....	84
<i>Paracrioceras</i> <i>roeveri</i> (VON KOENEN, 1902).....	84

<i>Paracrioceras rondishiense</i> KAKABADZE, 1981	84
<i>Paracrioceras royogomezi</i> (KAKABADZE & HOEDEMAEKER, 2004)	84
<i>Paracrioceras sparsicosta</i> (VON KOENEN, 1902)	85
<i>Paracrioceras spathi</i> KEMPER et al., 1981	85
<i>Paracrioceras stadtlaenderi</i> (MÜLLER, 1892)	85
<i>Paracrioceras statheri</i> SPATH, 1924	85
<i>Paracrioceras tuba</i> (VON KOENEN, 1902)	85
<i>Paracrioceras undifer</i> RENNGARTEN, 1951	85
<i>Paracrioceras varicosum</i> (VON KOENEN, 1902)	85
<i>Paracrioceras woeckeneri</i> (VON KOENEN, 1902)	85
<i>Paracrioceras? andinum</i> (GERTH, 1925)	82
<i>Paracrioceras? horridum</i> (VON KOENEN, 1902)	83
<i>Paracrioceras? hoyeri</i> (VON KOENEN, 1902)	83
<i>Paracrioceras? intumescens</i> (VON KOENEN, 1902)	84
<i>Paracrioceras? rarinodum</i> (VON KOENEN, 1902)	84
<i>Paracrioceras? verrucosum</i> (HUPÉ, 1854)	85
<i>paradoxus</i> , <i>Euhemihoplites</i>	257
<i>Parahoplites Astarte</i> FALLOT & TERMIER, 1923	220
Paraimerites KAKABADZE, 1967	203
<i>Paraimerites brevhelicoides</i> KAKABADZE, 1971	204
<i>Paraimerites densecostatus</i> (RENNGARTEN, 1926)	204
<i>Paraimerites haughtoni</i> KLINGER, KAKABADZE & KENNEDY, 1984	205
<i>Paraimerites katsharavai</i> (ROUCHADZE, 1933)	205
<i>Paraimerites ladjanuriensis</i> (ROUCHADZE, 1933)	205
<i>Paraimerites planus</i> (ROUCHADZE, 1933)	205
<i>Paraimerites semituberculatus</i> (ROUCHADZE, 1933)	205
<i>Paraimerites tsholashensis</i> (ROUCHADZE, 1933)	205
<i>Paraimerites? gumbriensis</i> (ROUCHADZE, 1933)	204
Paraleptoceras LEANZA, 1970	245
<i>Paraleptoceras singulare</i> LEANZA, 1970	245, 249
<i>paramahansai</i> , <i>Emericiceras</i>	73
<i>paramhansi</i> , <i>Balearites</i>	48
Parancyloceras SPATH, 1924	28
<i>Parancyloceras aegoceras</i> (VON KOENEN, 1902)	28
<i>Parancyloceras balkarens</i> RENNGARTEN, 1951	28
<i>Parancyloceras bidentatum</i> (VON KOENEN, 1902)	28
<i>Parancyloceras meridionale</i> AVRAM & MELINTE, 1998	29
<i>Parancyloceras scalare</i> (VON KOENEN, 1902)	29
<i>Parancyloceras subtrispinosum</i> RENNGARTEN, 1951	29
<i>Parancyloceras? domeykianum</i> (BAYLE & COQUAND, 1851)	29
Parapedioceras COLLIGNON, 1962	20
<i>Parapedioceras colcanapi</i> COLLIGNON, 1962	20
<i>Paraspinoceras pulcherrimum</i> var. <i>latispira</i> SARKAR, 1955	102
Paraspticeras KILIAN, 1910	88
<i>Paraspticeras benecke</i> (HAUG, 1889)	88
<i>Paraspticeras caucasicum</i> EGOIAN, 1989	89
<i>Paraspticeras groeberi</i> AGUIRRE-URRETA, 1993	89
<i>Paraspticeras guerinianum</i> (D'ORBIGNY, 1850)	89
<i>Paraspticeras laeve</i> (FALLOT & TERMIER, 1923)	89
<i>Paraspticeras pachycylus</i> (UHLIG, 1883)	89
<i>Paraspticeras percevali</i> (UHLIG, 1883)	89
<i>Paraspticeras precrassispina</i> (ROCH, 1930)	90
<i>Paraspticeras schindewolfi</i> WIEDMANN, 1966	90
<i>Paraspticeras voirnense</i> (PICTET & DE LORIOL, 1858)	90
<i>Paraspticeras? nodulosum</i> (CATULLO, 1848)	89
<i>Paraspticeras? tuberosum</i> (BUSNARDO, 2003)	90
Parathurmannia BUSNARDO, 2003	55
<i>parolinianum</i> , <i>?Barrancyloceras</i>	224
<i>paronai</i> , <i>Sornayites</i>	62
<i>parvinuberculatus</i> , <i>Colchidites</i>	183
<i>parvulus kraptschenensis</i> , <i>Hamulinites</i>	236
<i>parvulus</i> non Uhlig, <i>Hamulinites</i>	236
<i>parvulus</i> , <i>Hamulinites</i>	236
<i>parvum</i> , <i>Ptychoceras</i>	264
<i>parvus</i> , <i>Toxoceratoides</i>	106
Pascoeites SPATH, 1933	221
<i>Pascoeites budavensis</i> SPATH, 1933	222
<i>Pascoeites budavensis</i> SPATH, 1933	222
<i>Pascoeites crassus</i> SPATH, 1933	222
<i>Pascoeites? indonesianis</i> (SKWARKO & THIEULOY, 1989)	222
<i>paskentaensis</i> , <i>Bochianites</i>	2
<i>passendorferi</i> , <i>Protancyloceras</i>	13
<i>patagonicum</i> , <i>Cryptocrioceras</i>	86
<i>patagonicus</i> , <i>Helicancylus</i>	131
<i>patricki</i> , <i>Shastiacrioceras</i>	287
<i>paucinodosus</i> , <i>Costidiscus</i>	298
<i>pavlowi</i> , <i>Pseudoaustraliceras</i>	159
<i>paxillosa</i> , <i>Vasiccekina</i>	276
Pedioceras GERHARDT, 1897	86
<i>Pedioceras apollinaria</i> BASSE, 1948	87
<i>Pedioceras asymmetricum</i> KAKABADZE & HOEDEMAEKER, 1997	87
<i>Pedioceras casquesense</i> (KARSTEN, 1858)	87
<i>Pedioceras cundinamarcae</i> GERHARDT, 1897	87
<i>Pedioceras Cundinamarcae</i> GERHARDT, 1897	86
<i>Pedioceras durangense</i> BURCKHARDT, 1925	87
<i>Pedioceras multicostatum</i> KAKABADZE & HOEDEMAEKER, 2004	88
<i>Pedioceras ubaqueense</i> (KARSTEN, 1858)	88
<i>Pedioceras? aequatoriale</i> (VON BUCH, 1839)	87
<i>Pedioceras? kauffmani</i> LEANZA, 1967	87
PEDIOCRERATIDAE HYATT, 1900	67
PEIRESCINAE BERT, DELANOY & BERSAC, 2006	228
Peirescites BERT, DELANOY & BERSAC, 2006	228
<i>Peirescites gygii</i> BERT, DELANOY & BERSAC, 2006	228
<i>Peirescites riosi</i> BERT, DELANOY & BERSAC, 2006	228
Peltocrioceras SPATH, 1924	29
<i>Peltocrioceras deecke</i> (FAVRE, 1908)	30
<i>Peltocrioceras sarasini</i> (FAVRE, 1908)	29
<i>percevali</i> , <i>Paraspticeras</i>	88
<i>percostatum</i> , <i>Tropaeum</i> (<i>Tropaeum</i>)	161
<i>perditum</i> , <i>Crioceras</i>	260
<i>perezianum</i> , <i>Ancyloceras</i>	134
<i>perforatus</i> , <i>Macroscaphites</i>	293
<i>phasiense</i> , <i>Pseudocrioceras</i>	120
<i>phasiensis</i> , <i>Colchidites</i>	183
<i>philadelphius</i> , <i>Helicancylus</i>	131
<i>phillipsi</i> , <i>Hoplocrioceras</i>	114
<i>picteti jurensis</i> , <i>Davouxiceras</i>	67
<i>picteti</i> , <i>Anahamulina</i>	274
<i>picteti</i> , <i>Davouxiceras</i>	67
<i>picteti</i> , <i>Megacrioceras</i>	285
<i>picteti</i> , <i>Pseudothurmannia</i>	55
<i>pictetiaeforme</i> , <i>Crioceras</i>	260
<i>pictetiforme</i> , <i>?Megacrioceras</i>	285
<i>pilsbryi</i> , <i>Hamiticeras</i>	132
<i>pinarensis</i> , <i>Crioceratites</i>	260
<i>pindulensis</i> , <i>Amorina</i>	278
<i>pingue</i> , <i>Proaustraliceras</i>	155
<i>pingue</i> , <i>Simancyloceras</i>	27
<i>piveteai</i> , <i>Crioceratites</i>	35
<i>piveteai</i> , <i>Dissimilites</i>	103
<i>piveteai</i> , <i>Rugacrioceras</i>	289
<i>planicostata</i> , <i>?Ancyloceras</i>	134
<i>planus</i> , <i>Paraimerites</i>	204

<i>plasticum crassum, Labeceras</i>	245
<i>plasticum, Labeceras</i>	245
<i>plectoides, Aleteceras</i>	256
<i>plicatile, ?Toxoceras</i>	199
<i>plicatum, Toxoceras</i>	260
<i>ploszkiewicz, ?Hemihoplites</i>	213
<i>polieri, ?Leptoceratoides</i>	230
<i>polyspinosum, Spinocioceras</i>	228
<i>ponderosum, Ancylotrypaeum</i>	167
<i>poni, Ptychohamulina</i>	279
<i>poniente, Shasthioceras</i>	287
<i>popenoi, ?Hemihoplites</i>	213
<i>porrectus, ?Jaubertites</i>	145
<i>portarum, Crioceratites?</i>	35
<i>pouponi, Kutatissites</i>	126
<i>precrassispina, Parasptitceras</i>	88
Prieuriceras VERMEULEN, 2004.....	55
<i>primitivus, Crioceratites</i>	35
<i>princeps, Kutatissites</i>	126
Proaustraliceras KAKABADZE, 1977.....	155
<i>Proaustraliceras altum</i> (GLAZUNOVA, 1973).....	156
<i>Proaustraliceras apiticum</i> (GLAZUNOVA, 1973).....	156
<i>Proaustraliceras colchicum</i> (KAKABADZE, 1977).....	156
<i>Proaustraliceras fourmieri</i> (ROUCHADZE, 1933).....	156
<i>Proaustraliceras gigas</i> (J. DE C. SOWERBY, 1828).....	156
<i>Proaustraliceras gigas anguinatum</i> (CASEY, 1961).....	157
<i>Proaustraliceras gigas arcuatum</i> (CASEY, 1961).....	157
<i>Proaustraliceras gigas inscriptum</i> (CASEY, 1961).....	157
<i>Proaustraliceras jasykowi</i> (GLAZUNOVA, 1973).....	157
<i>Proaustraliceras laticeps</i> (SINZOW, 1905).....	157
<i>Proaustraliceras pingue</i> (CASEY, 1961).....	157
<i>Proaustraliceras rossicum</i> (GLAZUNOVA, 1973).....	157
<i>Proaustraliceras solidum</i> (GLAZUNOVA, 1973).....	157
<i>Proaustraliceras tschaltuboense</i> (ROUCHADZE, 1933).....	158
<i>Proaustraliceras tuberculatum</i> (SINZOW, 1870).....	158
<i>Proaustraliceras tuberculatum graciloides</i> (SINZOW, 1905).....	158
Protacioceras SARKAR, 1955.....	90
<i>Protacioceras fromageti</i> SARKAR, 1955.....	91
<i>Protacioceras horevqi</i> COLLIGNON, 1962.....	91
<i>Protacioceras moussoni</i> (OOSTER, 1860).....	91
<i>Protacioceras oosteri</i> SARKAR, 1955.....	91
<i>Protacioceras ornatum</i> (D'ORBIGNY, 1850).....	92
<i>Protacioceras ornatum alpinum</i> SARKAR, 1955.....	92
<i>Protacioceras ornatum flexuosum</i> SARKAR, 1955.....	92
<i>Protacioceras ornatum latispinum</i> (THOMEL, 1965).....	92
<i>Protacioceras ornatum tuberculatum</i> SARKAR, 1955.....	92
<i>Protacioceras puzosianum</i> (D'ORBIGNY, 1842).....	92
<i>Protacioceras sartousii</i> (ASTIER, 1851).....	93
<i>Protacioceras? thoralis</i> (SARKAR, 1955).....	93
<i>Protacioceras? tsankovi</i> DIMITROVA, 1967.....	93
PROTACROCERATIDAE DIMITROVA, 1970.....	67
Protancyloceras SPATH, 1924.....	13
<i>Protancyloceras acutituberculatum</i> ARNOULD-SAGET, 1953.....	16
<i>Protancyloceras alamense</i> CANTÚ CHAPA, 1963.....	14
<i>Protancyloceras anahuacense</i> CANTÚ CHAPA, 1963.....	14
<i>Protancyloceras bicostatum</i> ARNOULD-SAGET, 1953.....	14
<i>Protancyloceras catalinense</i> (IMLAY, 1942).....	14
<i>Protancyloceras cristatum</i> ARNOULD-SAGET, 1953.....	14
<i>Protancyloceras depressum</i> ARNOULD-SAGET, 1953.....	16
<i>Protancyloceras eximium</i> ARNOULD-SAGET, 1953.....	16
<i>Protancyloceras gracile</i> (OPPEL, 1865).....	14
<i>Protancyloceras guembeli</i> (OPPEL, 1865).....	15
<i>Protancyloceras hondense</i> (IMLAY, 1942).....	15
<i>Protancyloceras kurdistanense</i> SPATH, 1950.....	15
<i>Protancyloceras lissoni</i> (RIVERA, 1951).....	16
<i>Protancyloceras obscuricostatum</i> VAŠIČEK & HOEDEMAEKER, 2003.....	16
<i>Protancyloceras passendorferi</i> WIERZBOWSKI, 1990.....	16
<i>Protancyloceras punicum</i> ARNOULD-SAGET, 1953.....	16
<i>Protancyloceras ramirensense</i> CANTÚ CHAPA, 1963.....	16
<i>Protancyloceras rebillyi</i> COLLIGNON, 1962.....	32
<i>Protancyloceras steinmanni</i> (RIVERA, 1951).....	16
<i>Protancyloceras xelhuae</i> (FELIX, 1891).....	17
<i>Protancyloceras? barrancense</i> CANTÚ CHAPA, 1963.....	14
<i>Protancyloceras? deagostinii</i> (FERUGLIO, 1937).....	14
<i>Protancyloceras? evolutum</i> VAŠIČEK & HOEDEMAEKER, 2003.....	14
PROTANCYCLOCERATIDAE BREISTROFFER, 1947.....	13
PROTANCYCLOCERATOIDEA BREISTROFFER, 1947.....	13
<i>Protanisoceras raulinianiforme</i> BREISTROFFER, 1937.....	169
<i>proteus, Toxoceratoides</i>	106
Prototeptoceras NIKOLOV, 1966.....	18
<i>Prototeptoceras jelevi jelevi</i> NIKOLOV, 1966.....	18
<i>Prototeptoceras jelevi mazenoti</i> NIKOLOV, 1967.....	19
<i>Prototeptoceras jelevi NIKOLOV, 1966.....</i>	19
<i>Prototeptoceras jelevi sapunovi</i> NIKOLOV, 1967.....	19
<i>provencalis, Pseudothurmannia</i>	55
<i>provinciale, Pseudocioceras</i>	120
<i>pravosti, Acricoceras (Acricoceras)</i>	94
Pseudoanahamulina JUDOLEY & FURRAZOLA-BERMÚDEZ, 1968.....	17
<i>pseudoangulicostatum gracile, Spathiocioceras</i>	51
<i>pseudoangulicostatum, Spathiocioceras</i>	51
Pseudoaustraliceras KAKABADZE, 1981.....	158
<i>Pseudoaustraliceras australe</i> (WAAGEN, 1875).....	159
<i>Pseudoaustraliceras caucasicum</i> KAKABADZE, 1981.....	159
<i>Pseudoaustraliceras columbiae</i> (BASSE, 1928).....	159
<i>Pseudoaustraliceras hirtzi</i> (COLLIGNON, 1962).....	159
<i>Pseudoaustraliceras pavlovi</i> (WASSILJEWSKI, 1909).....	159
<i>Pseudoaustraliceras ramboulai</i> (COLLIGNON, 1962).....	160
<i>Pseudoaustraliceras ramososeptatum</i> (ANTHULA, 1900).....	160
<i>Pseudoaustraliceras valladieri</i> CONTE, 1985.....	160
Pseudocioceras SPATH, 1924.....	119
<i>Pseudocioceras abichii</i> (BATSEVICH, 1873).....	120
<i>Pseudocioceras abichii africanum</i> (KILIAN, 1902).....	121
<i>Pseudocioceras anthulalis</i> (ERISTAVI, 1955).....	121
<i>Pseudocioceras breve</i> (D'ORBIGNY, 1842).....	121
<i>Pseudocioceras coquandi</i> (MATHERON, 1880).....	121
<i>Pseudocioceras coquandi imericum</i> (ROUCHADZE, 1933).....	122
<i>Pseudocioceras densicostatum</i> KAKABADZE, 1981.....	122
<i>Pseudocioceras dichotomum</i> (ROUCHADZE, 1933).....	122
<i>Pseudocioceras fasciculare</i> (D'ORBIGNY, 1840).....	122
<i>Pseudocioceras godaganense</i> (ROUCHADZE, 1933).....	123
<i>Pseudocioceras guanense</i> KAKABADZE & HOEDEMAEKER, 2004.....	123
<i>Pseudocioceras kornebense</i> KAKABADZE, 1981.....	123
<i>Pseudocioceras kutatissense</i> (ROUCHADZE, 1933).....	123
<i>Pseudocioceras lobjanidzei</i> KAKABADZE, 1981.....	123
<i>Pseudocioceras massei</i> ROPOL & GONNET, 1999.....	123
<i>Pseudocioceras mickali</i> - ROPOL & GONNET, 1999.....	123
<i>Pseudocioceras orbignyanum</i> (MATHERON, 1842).....	123
<i>Pseudocioceras phasiense</i> (ROUCHADZE, 1933).....	124
<i>Pseudocioceras provinciale</i> (MATHERON, 1880).....	124
<i>Pseudocioceras rawsoni</i> ROPOL & GONNET, 1999.....	124
<i>Pseudocioceras sahariense</i> (ROUCHADZE, 1933).....	124
<i>Pseudocioceras simitiense</i> KAKABADZE & THIEULOUY, 1991.....	124
<i>Pseudocioceras sparcicostatum</i> (ERISTAVI, 1955).....	124

<i>Pseudocrioceras stentor</i> ANDERSON, 1938.....	292	<i>Ptychoceras ditleri</i> VASÍČEK, 1972.....	265
<i>Pseudocrioceras waageni</i> (ANTHILA, 1900).....	125	<i>Ptychoceras emericianum</i> D'ORBIGNY, 1842.....	265
<i>Pseudocrioceras waageni rouchadzei</i> (DIMITROVA, 1967)	125	<i>Ptychoceras Emericianus</i> D'ORBIGNY, 1842.....	264
.....	125	<i>Ptychoceras forbesianum</i> STOLICZKA, 1866.....	265
<i>Pseudocrioceras waageni sapitshkiense</i> (ROUCHADZE, 1933)	125	<i>Ptychoceras Gabbi</i> PERVINQUIÈRE, 1907.....	270
<i>Pseudocrioceras waagenioides</i> (ROUCHADZE, 1938) ..	125	<i>Ptychoceras Inostranzewi</i> KARAKASCH, 1907.....	11
<i>Pseudocrioceras? duvalianum</i> (D'ORBIGNY, 1842)	122	<i>Ptychoceras laeve hamaimense</i> PERVINQUIÈRE, 1907.....	266
Pseudocrioceratites EGOIAN, 1969.....	291	<i>Ptychoceras laeve</i> MATHERON, 1842.....	266
<i>Pseudocrioceratites gradinarui</i> AVRAM, 2002.....	291	<i>Ptychoceras lashense</i> SHARIKADZE, 1975.....	266
<i>Pseudocrioceratites pseudoelegans</i> EGOIAN, 1969	291, 292	<i>Ptychoceras levigatum</i> EGOIAN, 1969.....	267
<i>Pseudocrioceratites rotundus</i> EGOIAN, 1969.....	292	<i>Ptychoceras meyrati</i> OOSTER, 1860.....	9
<i>Pseudocrioceratites subcircularis</i> AVRAM, 2002	292	<i>Ptychoceras Meyrati</i> OOSTER, 1860.....	9
PSEUDOCRIOCERATITIDAE AVRAM, 2002	289	<i>Ptychoceras minimum</i> ROUCHADZE, 1933.....	267
<i>pseudoelegans</i> , <i>Acantholytoceras</i>	291	<i>Ptychoceras Morloti</i> OOSTER, 1860.....	10
<i>pseudohilli</i> , <i>Ancylotropæum</i>	167	<i>Ptychoceras natrice</i> ANDERSON, 1938.....	10
<i>pseudomalbosi</i> , <i>Pseudothurmannia</i>	55	<i>Ptychoceras obliquesulcatum</i> AVRAM, 1976.....	267
Pseudomoutoniceras AUTRAN, DELANOY & THOMEL, 1986.....	196	<i>Ptychoceras parvum</i> EGOIAN, 1968.....	267
<i>Pseudomoutoniceras annulare</i> (D'ORBIGNY, 1842)	196	<i>Ptychoceras puzosianum</i> (D'ORBIGNY, 1842).....	267
<i>Pseudomoutoniceras honoratii</i> (LÉVEILLÉ, 1837)	197	<i>Ptychoceras renngarteni</i> EGOIAN, 1968.....	268
<i>Pseudomoutoniceras? astieri</i> (SARKAR, 1955)	197	<i>Ptychoceras Teschenense</i> Hohenegger UHLIG, 1902....	11
Pseudoptychoceras ETAYO-SERNA, 1979.....	264	<i>Ptychoceras? humboldtianum</i> KARSTEN, 1858.....	266
<i>Pseudoptychoceras gilberti</i> ETAYO-SERNA, 1979.....	264	<i>Ptychoceras? orbignyi</i> REYNÈS, 1876.....	267
Pseudoshasticioceras DELANOY, 1999.....	226	PTYCHOCERATIDAE GILL, 1871.....	264
<i>Pseudoshasticioceras austrani</i> DELANOY, 1999.....	227	PTYCHOCERATOIDEA GILL, 1871.....	264
<i>Pseudoshasticioceras dardeauui</i> (DELANOY, 1992)	227	<i>ptychoceroides</i> , <i>Ptychohamulina</i>	279
<i>Pseudoshasticioceras magnini</i> (DELANOY, 1992).....	227	Ptychohamulina VERMEULEN, 2005.....	279
<i>Pseudoshasticioceras murphyi</i> (DELANOY, 1992).....	227	<i>Ptychohamulina acuaria</i> (UHLIG, 1883).....	279
<i>Pseudoshasticioceras quereilhaci</i> BERT, DELANOY & BERSAC, 2006	227	<i>Ptychohamulina poni</i> (SIMIONESCU, 1898)	280
Pseudothurmannia SPATHI, 1923.....	54	<i>Ptychohamulina ptychoceroides</i> (UHLIG, 1883).....	280
<i>Pseudothurmannia (Orniciphalites) indonesiana</i>	221	<i>puezanum</i> , <i>Ancylloceras</i>	134
SKWARKO & THIEULOY, 1989.....	221	<i>pugnairii</i> , ? <i>Karsteniceras</i>	233
<i>Pseudothurmannia (Pseudothurmannia) isocostata</i>	56	<i>pulcherrimum latispinum</i> , <i>Acrioceras (Paraspinoceras)</i>	101
KAKABADZE, 1981.....	56		101
<i>Pseudothurmannia belimelensis</i> DIMITROVA, 1967.....	55	<i>pulcherrimum</i> , <i>Acrioceras (Paraspinoceras)</i>	101
<i>Pseudothurmannia catulloi</i> (PARONA, 1898).....	56	<i>pumilus</i> , <i>Leptoceratoides</i>	230
<i>Pseudothurmannia grandis</i> BUSNARDO, 1970.....	57	<i>punicum</i> , <i>Protancylloceras</i>	13
<i>Pseudothurmannia karakaschi</i> MANOLOV, 1962.....	60	<i>pushevensis</i> , <i>Lithancylus</i>	147
<i>Pseudothurmannia lurenensis</i> BUSNARDO, 1970.....	57	<i>puzosianum drumense</i> , <i>Protacrioceras</i>	91
<i>Pseudothurmannia macilenta</i> (D'ORBIGNY, 1841).....	57	<i>puzosianum</i> , <i>Protacrioceras</i>	91
<i>Pseudothurmannia mortilleti</i> (PICTET & DE LORIOI, 1858).....	57	<i>puzosianum</i> , <i>Ptychoceras</i>	264
<i>Pseudothurmannia mortilleti</i> var. <i>rotundata</i> SARKAR, 1955.....	57	<i>puzosianus</i> , ? <i>Leptoceratoides</i>	230
<i>Pseudothurmannia ohmi</i> (WINKLER, 1868).....	59	<i>quadratum</i> , <i>Aegocrioceras</i>	21
<i>Pseudothurmannia picteti</i> SARKAR, 1955.....	59	<i>quelquejeui</i> , <i>Gassendiceras</i>	223
<i>Pseudothurmannia pseudomalbosi</i> (SARASIN & SCHÖNDELMAYER, 1901).....	60	<i>quenstedti</i> , <i>Spathicrioceras</i>	52
<i>Pseudothurmannia renevieri</i> (SARASIN & SCHÖNDELMAYER, 1901).....	60	<i>quenstedti</i> , <i>Terrestrina</i>	281
<i>Pseudothurmannia rugosa</i> BUSNARDO, 2003.....	61	<i>quereilhaci</i> , <i>Pseudoshasticioceras</i>	226
<i>Pseudothurmannia sarasini</i> SARKAR, 1955.....	61	<i>rabenjanaharyi</i> , <i>Australiceras</i>	152
<i>Pseudothurmannia simionescui</i> SARKAR, 1955.....	63	<i>rachathaensis</i> , <i>Kutatissites</i>	126
<i>Pseudothurmannia? biassalensis</i> DIMITROVA, 1967.....	56	<i>radians</i> , <i>Paracostidiscus</i>	65
<i>Pseudothurmannia? crimensis</i> (WIEDMANN, 1962).....	57	<i>rakusi</i> <i>densecostatus</i> , <i>Costidiscus</i>	299
<i>pseudothurmannii</i> , <i>Balearites</i>	48	<i>rakusi</i> , <i>Costidiscus</i>	298
<i>pseudourbani</i> , ? <i>Ancylloceras</i>	134	<i>ramboulai</i> , <i>Pseudoaustraliceras</i>	159
<i>pseudovulanensis</i> , <i>Colchidites</i>	183	<i>ramirensis</i> , <i>Protancylloceras</i>	13
Ptychoceras D'ORBIGNY, 1842.....	264	<i>ramkrishnai major</i> , <i>Acrioceras (Acrioceras)</i>	94
<i>Ptychoceras (?) closteroides</i> ETHERIDGE, 1904.....	269	<i>ramkrishnai mawveli</i> , <i>Acrioceras (Acrioceras)</i>	94
<i>Ptychoceras (Ptychoceras) inornatum</i> SIMIONESCU, 1898.....	10	<i>ramkrishnai</i> , <i>Acrioceras (Acrioceras)</i>	94
<i>Ptychoceras aequicostatus</i> GABB, 1864.....	130, 131	<i>ramkrishnai</i> , <i>Crioceratites</i>	35
<i>Ptychoceras biassalense</i> KARAKASCH, 1907.....	11	<i>ramoseseptatoides maximum</i> , <i>Australiceras</i>	152
		<i>ramoseptatoides</i> , <i>Australiceras</i>	152
		<i>ramoseptatum</i> , <i>Pseudoaustraliceras</i>	159
		<i>rarecostatum</i> , <i>Turkmeniceras</i>	210
		<i>rareplicatum</i> , <i>Koeniceras</i>	145
		<i>raricostatum</i> , <i>Aegocrioceras</i>	21
		<i>raricostatus</i> , <i>Argyethites</i>	207
		<i>rarinodum</i> , ? <i>Paracrioceras</i>	81
		<i>rarocinctum</i> , <i>Hoplocrioceras</i>	114
		<i>rarum</i> , <i>Epacrioceras</i>	293

<i>rarum</i> , <i>Tropaeum</i> (<i>Tropaeum</i>).....	161
<i>rasgradense</i> , <i>Tropaeum</i> (<i>Tropaeum</i>).....	161
<i>rasgradi</i> , <i>Emericerias</i>	73
<i>ratshensis kopetdaghensis</i> , <i>Colchidites</i>	183
<i>ratshensis</i> , <i>Colchidites</i>	183
<i>raulianianiforme</i> , <i>Epanisoceras</i>	169
<i>rawsoni</i> , <i>Heteroceras</i>	175
<i>rawsoni</i> , <i>Pseudocrioceras</i>	120
Raymondcaseyites AVRAM, 2002.....	112
<i>rebillyi</i> , <i>Eocrioceratites</i>	32
<i>recticostatum</i> , <i>Crioceras</i>	260
<i>recticostatus crassus</i> , <i>Costidiscus</i>	299
<i>recticostatus planus</i> , <i>Costidiscus</i>	299
<i>recticostatus</i> , <i>Costidiscus</i>	299
<i>recticostatus</i> , <i>Kutatissites</i>	126
<i>rectum</i> , <i>Labeceras</i>	245
<i>remanei</i> , <i>Spathiocreras</i>	52
<i>remondi</i> , <i>Hoplocrioceras</i>	114
<i>renauxianum caucasicum</i> , <i>Audouliceras</i>	141
<i>renauxianum elegans</i> , <i>Audouliceras</i>	141
<i>renauxianum pshechense</i> , <i>Audouliceras</i>	141
<i>renauxianum</i> , <i>Audouliceras</i>	140
<i>renevieri</i> , <i>Bochianites</i>	2
<i>renevieri</i> , <i>Pseudothurmannia</i>	55
<i>renngarteni</i> , <i>Hamulina</i>	271
<i>renngarteni</i> , <i>Ptychoceras</i>	265
<i>rennei</i> , <i>Tropaeum</i> (<i>Tropaeum</i>).....	161
<i>renzoni</i> , <i>Toxoceratoides</i>	106
<i>requienianum unituberculatum</i> , <i>Toxoceras</i>	200
<i>requienianum</i> , <i>Toxoceras</i>	199
<i>rex</i> , <i>Ammonitoceras</i>	150
<i>ridzewskiyi</i> , <i>Hemihoplites</i>	213
<i>rionensis</i> , <i>Kutatissites</i>	126
<i>rionensis</i> , <i>Martelites</i>	191
<i>riosuarezi</i> , <i>Colchidites</i>	183
<i>riusi</i> , <i>Peirescites</i>	228
<i>robustum</i> , <i>Ammonitoceras</i>	150
<i>robustum</i> , <i>Camericeras</i>	217
<i>robustum</i> , <i>Australiceras</i>	152
<i>robustum</i> , <i>Myloceras</i>	250
<i>rochi</i> non Sarkar, <i>Ancyloceras</i>	134
<i>rochi</i> , <i>Ancyloceras</i>	134
<i>rochi</i> , <i>Toxoceratoides</i>	106
<i>roddai</i> , <i>Shastrioceras</i>	287
<i>rodighieri</i> , <i>Crioceratites</i>	35
<i>roeveri</i> , <i>Paracrioceras</i>	81
<i>rogeri</i> , <i>Spathiocreras</i>	52
<i>rondishiense</i> , <i>Paracrioceras</i>	81
<i>rosariense</i> , <i>Acrioceras</i> (<i>Paraspinoceras</i>).....	101
<i>rosariensis</i> , <i>Vinalesites</i>	17
<i>rossicum</i> , <i>Proaustraliceras</i>	155
<i>rossicum</i> , <i>Tropaeum</i> (<i>Tropaeum</i>).....	161
<i>rotatum</i> , <i>Heteroceras</i>	175
<i>rothi</i> , <i>Leptohamulina</i>	282
<i>rotundum</i> , <i>Acantholytoceras</i>	291
<i>rotundum</i> , <i>Myloceras</i>	250
<i>rotundus</i> , <i>Colchidites</i>	183
<i>rotundus</i> , <i>Toxoceratoides</i>	106
<i>rouchadzei</i> , <i>Colchidites</i>	183
Rouchadzeites DELANOY & BERT, 2006.....	190
<i>Rouchadzeites doli</i> DELANOY & BERT, 2006.....	191
<i>Rouchadzeites lazarini</i> DELANOY & BERT, 2006.....	191
<i>Rouchadzeites mascarellii</i> (DELANOY & EBBO, 2000). 191	
<i>rotyana</i> , <i>Baculina</i>	8
<i>royerianus</i> , <i>Toxoceratoides</i>	106
<i>royogomezii</i> , <i>Paracrioceras</i>	81
<i>rude</i> , <i>Hemicioceras</i>	26
Rugacrioceras VERMEULEN, 2007.....	289
<i>Rugacrioceras dreloni</i> VERMEULEN, 2007.....	289
<i>Rugacrioceras martinsi</i> (REYNÈS, 1876).....	289
<i>Rugacrioceras monopujae</i> (SARKAR, 1955).....	290
<i>Rugacrioceras piveteaui</i> (SARKAR, 1955).....	290
<i>rugosa</i> , <i>Pseudothurmannia</i>	55
<i>russelli</i> , <i>Neocomites</i>	260
<i>russiensis</i> , <i>Lithancylus</i>	147
<i>rusticum</i> , <i>Ezeiceras</i>	220
<i>rusticus spathi</i> , <i>Hamitoides</i>	257
<i>rusticus</i> , <i>Hamitoides</i>	257
<i>sabaudiana</i> , <i>Sabaudiella</i>	240
Sabaudiella BUSNARDO, 2003.....	239
Sabaudiella VAŠIČEK & HOEDEMAEKER, 2003.....	239
<i>Sabaudiella argosensis</i> VAŠIČEK & HOEDEMAEKER, 2003.....	240
<i>Sabaudiella sabaudiana</i> (PICTET & DE LORIOI, 1858) 240	
<i>Sabaudiella simplex</i> BUSNARDO, 2003.....	240
<i>sablieri</i> , <i>Davouxiceras</i>	67
<i>sachicaensis</i> , <i>Hemihoplites</i>	213
<i>saharievae</i> , <i>Manoloviceras</i>	243
<i>sahnii</i> , <i>Crioceratites</i>	35
<i>sahoriense</i> , <i>Pseudocrioceras</i>	120
Santandericeras ROYO Y GÓMEZ, 1945.....	182
Sapthiocreras SARKAR, 1954.....	51
<i>sarasini ganeshui</i> , <i>Acrioceras</i> (<i>Acrioceras</i>).....	94
<i>sarasini villoutreysi</i> , <i>Acrioceras</i> (<i>Acrioceras</i>).....	94
<i>sarasini</i> , <i>Acrioceras</i> (<i>Acrioceras</i>).....	94
<i>sarasini</i> , <i>Martelites</i>	191
<i>sarasini</i> , <i>Peltocrioceras</i>	29
<i>sarasini</i> , <i>Pseudothurmannia</i>	55
<i>sarkari Menuthiocreras</i>	46
<i>sarkari</i> , <i>Spathiocreras</i>	52
Sarkariceras VERMEULEN, 2006.....	144
<i>Sarkariceras thomeli</i> VERMEULEN, 2006.....	144
<i>sartousii</i> , <i>Protacrioceras</i>	91
<i>saulae</i> , <i>Toxoceratoides</i>	106
<i>scalare</i> , <i>Parancyloceras</i>	28
<i>Scaphites Abichii</i> BATSEVICH, 1873.....	119, 120
<i>Scaphites Alpinus</i> D'ORBIGNY, 1850.....	294
<i>Scaphites Coquandi</i> MATHERON, 1880.....	121
<i>Scaphites provincialis</i> MATHERON, 1880.....	124
<i>Scaphites Yvanii</i> PUZOS, 1832.....	293, 296
<i>schilovkensis</i> , <i>Volgoceratoides</i>	117
<i>schindewolfi</i> , <i>Crioceratites</i>	35
<i>schindewolfi</i> , <i>Paraspiroceras</i>	88
<i>schlagintweitii</i> , <i>Diamantoceras</i>	65
<i>securiformis</i> , <i>Colchidites</i>	183
<i>seeleyi</i> , <i>Aegocrioceras</i>	21
<i>seitzii</i> , <i>Spathiocreras</i>	52
<i>semicinctum</i> , <i>Aegocrioceras</i>	21
<i>seminodosus</i> , <i>Toxoceratoides</i>	106
<i>semituberculatus</i> , <i>Paramerites</i>	204
<i>senilis</i> , <i>Hamulina</i>	271
<i>seringei multicostatum</i> , <i>Megacrioceras</i>	285
<i>seringei</i> , <i>Megacrioceras</i>	285
<i>serotinum annulatum</i> , <i>Myloceras</i>	250
<i>serotinum attenuatum</i> , <i>Myloceras</i>	250
<i>serotinum ellipticum</i> , <i>Myloceras</i>	250
<i>serotinum planum</i> , <i>Myloceras</i>	250
<i>serotinum rugosum</i> , <i>Myloceras</i>	250
<i>serotinum</i> , <i>Myloceras</i>	250
<i>sexangulatum</i> , <i>Crioceras</i>	260
<i>sexfemale</i> , <i>Leptoceras</i>	244
<i>sexnodosus</i> , <i>Hamites</i>	260
<i>shankariae</i> , <i>Acrioceras</i> (<i>Acrioceras</i>).....	94
<i>shankariae</i> , <i>Bulacrites</i>	48

<i>shaoriensis</i> , Colchidites	183	<i>spathi</i> , Acrioceras (Acrioceras)	94
<i>shastense</i> , Shastioceras	149	<i>spathi</i> , Aegocrioceras	21
Shastiocrioceras ANDERSON, 1938	287	<i>spathi</i> , Labecerases	245
<i>Shastiocrioceras bifurcatum</i> DIMITROVA, 1967	287	<i>spathi</i> , Martelites	191
<i>Shastiocrioceras hesperum</i> ANDERSON, 1938	287	<i>spathi</i> , Paracrioceras	81
<i>Shastiocrioceras inflatum</i> ANDERSON, 1938	287	Spathiocrioceras SARKAR, 1955	51
<i>Shastiocrioceras intermedium</i> MATSUKAWA & OBATA, 1993	287	<i>Spathiocrioceras andersoni</i> (SARKAR, 1955)	52
<i>Shastiocrioceras nipponicum</i> MATSUMOTO, 1947	287	<i>Spathiocrioceras majoricense</i> (NOLAN, 1894)	52
<i>Shastiocrioceras patricki</i> MURPHY, 1975	288	<i>Spathiocrioceras quenstedti</i> (OOSTER, 1860)	53
<i>Shastiocrioceras poniente</i> ANDERSON, 1938	287, 288	<i>Spathiocrioceras remanei</i> (WIEDMANN, 1962)	54
<i>Shastiocrioceras roddai</i> MURPHY, 1975	288	<i>Spathiocrioceras seitzii</i> (SARKAR, 1955)	54
<i>Shastiocrioceras whitneyi</i> ANDERSON, 1938	288	<i>Spathiocrioceras sornayi</i> SARKAR, 1955	51, 54
<i>Shastiocrioceras? anglicum</i> DOYLE, 1963	287	<i>spectabile</i> , Heteroceras	175
Shastioceras ANDERSON, 1938	148	<i>speetonense</i> , Aegocrioceras	21
<i>Shastoceras behemoth</i> ANDERSON, 1938	149	<i>spinatocostatum</i> , Acanthoptychoceras	283
<i>Shastoceras californicum</i> ANDERSON, 1938	148, 149	<i>spinatus</i> , Sornayites	62
<i>Shastoceras shastense</i> ANDERSON, 1938	149	Spinocrioceras KEMPER, 1973	228
<i>Shastoceras ventricosum</i> ANDERSON, 1938	149	<i>Spinocrioceras amadei</i> (UHLIG, 1883)	228
<i>sheppardi</i> , Toxoceratoides	106	<i>Spinocrioceras polyspinosum</i> KEMPER, 1973	228, 229
<i>shibae</i> , Crioceratites	35	<i>Spinocrioceras trachyomphalum</i> (UHLIG, 1883)	229
<i>shibaniae</i> , Crioceratites	35	<i>spinosum</i> , ?Davouxiceras	67
<i>silesiaca</i> , Anahamulina	274	<i>spinosum</i> , Ancyloceras	134
<i>silesiacum</i> , Eoheteroceras	242	<i>spinosum</i> , Leptoceras?	244
<i>silesiacum</i> , Toxoceratoides	106	<i>spinosum</i> , Tropaeum (Tropaeum)	161
Simancyloceras KEMPER, 1973	27	<i>Spiticeris duncanense</i> ANDERSON, 1938	115
<i>Simancyloceras impar</i> (VON KOENEN, 1902)	27	<i>stadlaenderi</i> , Paracrioceras	81
<i>Simancyloceras innexum</i> (VON KOENEN, 1902)	27	<i>stahleckeri</i> , Crioceratites	35
<i>Simancyloceras stolleyi</i> KEMPER, 1973	27	<i>stanislasi</i> , Ammonites	261
<i>Simancyloceras variabile</i> (MAAS, 1895)	27	<i>starrkingi</i> , Toxoceratoides	106
<i>Simancyloceras? pingue</i> (VON KOENEN, 1902)	27	<i>statheri</i> , Paracrioceras	81
<i>simbirskense</i> , ?Australiceras	152	<i>stefanescui</i> , Toxoceratoides	106
Simionescites AVRAM, 1976	126	<i>steinmani</i> , Barrancyloceras	224
<i>Simionescites princeps</i> AVRAM, 1976	126, 129	<i>steinmanni</i> , Protancyloceras	13
<i>Simionescites simionescui</i> AVRAM, 1976	130	<i>stentor</i> , ?Acantholytoceras	291
<i>simionescui</i> , Kutatissites	127	<i>stolleyi</i> , Simancyloceras	27
<i>simionescui</i> , Sornayites	62	<i>striatilisulcatus</i> , Macroscaphites	293
<i>simitiense</i> , Pseudocrioceras	120	<i>striatocostatus</i> , Colchidites	183
<i>simplecostatum</i> , Bejucoceras	26	<i>strombecki</i> , Davouxiceras	68
<i>simplex</i> , Dirrymoceras	146	<i>stubelense</i> , Davouxiceras	68
<i>simplex</i> , Sabaudiella	240	<i>studerii</i> , Leptoceras	18
<i>singulare</i> , Labecerases	245	<i>studerianus</i> , Hamitoides	257
<i>sinzowi</i> , Crioceratites	35	<i>subalternatus</i> , Dissimilites	103
<i>solidum</i> , Proaustraliceras	156	<i>subarcticum</i> , Epitropaeum	168
<i>sornayi densicostatus</i> , Crioceratites	35	Subaspinoceras THOMEL, DELANOY & AUTRAN, 1987	63
<i>sornayi</i> , Menuthiocrioceras	46	<i>Subaspinoceras dilatatum</i> (D'ORBIGNY, 1842)	64
<i>sornayi tuberculatus</i> , Crioceratites	35	<i>Subaspinoceras mulsanti</i> (ASTIER, 1851)	64
<i>sornayi</i> , Crioceratites	35	<i>subcincta</i> , Vasicekina	276
<i>sornayi</i> , Spathiocrioceras	52	<i>subcirculare</i> , Acantholytoceras	291
Sornayites WIEDMANN, 1962	61	<i>subcylindrica</i> , Anahamulina	274
<i>Sornayites clausus</i> (SARASIN & SCHÖNDELMAYER, 1902)	62	<i>subfurchatus</i> , ?Argvethites	207
<i>Sornayites clausus flexuosus</i> (SARKAR, 1955)	62	<i>subnodosum</i> , Aegocrioceras	21
<i>Sornayites crioceroides</i> (TORCAPEL, 1884)	62	<i>subproteus</i> , Toxoceratoides	106
<i>Sornayites edouardi</i> (HONNORAT-BASTIDE, 1890)	62	<i>subroyerianus</i> , Toxoceratoides	106
<i>Sornayites imlayi</i> (SARKAR, 1955)	62	<i>subseeleyi</i> , Aegocrioceras	21
<i>Sornayites lardyi</i> (OOSTER, 1860)	63	<i>subsimbirskense compressum</i> , Tropaeum (Tropaeum)	161
<i>Sornayites paronai</i> (SARKAR, 1955)	63	<i>subsimbirskense subsimbirskense</i> , Tropaeum (Tropaeum)	161
<i>Sornayites simionescui</i> (SARKAR, 1955)	63	<i>subsimplex</i> , ?Ancyloceras	134
<i>Sornayites spinatus</i> BUSNARDO, 2003	63	<i>subtilis</i> , Leptoceratoides	230
<i>Sornayites? monasteriensis</i> (SIMIONESCU, 1899)	63	<i>subtrispinosum</i> , Parancyloceras	28
<i>soulieri persulcatus</i> , Hemihoplites	213	<i>subundulatum</i> , Euptychoceras	9
<i>soulieri</i> , Hemihoplites	213	<i>sudalpinus</i> , Toxoceratoides	106
<i>sowerhyi</i> , Ammonitoceras	150	<i>suessi</i> , Camericeras	217
<i>sparcicostatum</i> , Pseudocrioceras	120	<i>summersi</i> , Annuloceras	29
<i>sparcicostatus</i> , Imerites	201	<i>superstes</i> , Kabyrites	12
<i>sparsicosta</i> , Paracrioceras	81	<i>suttneri</i> , Auritina	284

<i>svinitensis, Leptoceratoides</i>	230	<i>Tonohamites? caseyi</i> KLINGER & KENNEDY, 1977.....	113
<i>tabarelli sugrivi, Acrioceras (Acrioceras)</i>	94	<i>torulosum, Aegocrioceras</i>	21
<i>tabarelli, Acrioceras (Acrioceras)</i>	94	<i>toucas, Ancylloceras</i>	134
<i>tabulatum, Labeceras</i>	246	<i>tovbinae, Colchidites</i>	184
<i>taminabuanensis, ?Hemihoplites</i>	213	<i>tovbinae, Turkmeniceras</i>	210
<i>taraae, ?Acrioceras (Acrioceras)</i>	94	<i>tovilense, Ammonitoceras</i>	150
<i>tardicostatum, Aletoceras</i>	256	Toxancyloceras DELANOY, 2003.....	118
<i>tardieu, Heteroceras</i>	175	<i>Toxancyloceras bailense</i> (VERMEULEN, 1996).....	118
<i>tardus, Costidiscus</i>	299	<i>Toxancyloceras ebbot</i> DELANOY, 2003.....	118
<i>taurica, Hamulina</i>	271	<i>Toxancyloceras mojsisovicsi</i> (HAUG, 1889).....	118
<i>taylori, ?Toxoceratoides</i>	106	<i>Toxancyloceras vandenheckii</i> (ASTIER, 1851).....	118
<i>tener, Emericiceras</i>	73	<i>Toxancyloceras? vandenheckii veleziatum</i> (KAKABADZE & THIEULOY, 1991).....	119
<i>tenuicostatum pseudoaudouli, Acantholytoceras</i>	291	<i>Toxoceras annularis</i> D'ORBIGNY, 1842.....	196
<i>tenuicostatum, Acantholytoceras</i>	291	<i>Toxoceras annulatum</i> SARKAR, 1955.....	244
<i>tenuicostatum, Australiceras</i>	152	<i>Toxoceras Astierianus</i> D'ORBIGNY, 1850.....	285
<i>tenuicostatus, Colchidites</i>	183	<i>Toxoceras bituberculatus</i> D'ORBIGNY, 1842.....	38
<i>tenuilobatus, Crioceratites</i>	35	<i>Toxoceras blandi</i> MURPHY, 1975.....	198
<i>tenuinodosum, Tropaeum (Tropaeum)</i>	161	<i>Toxoceras Cirtae</i> COQUAND, 1880.....	234
<i>temiplicatum, Koeniceras</i>	145	<i>Toxoceras cornucapri</i> ANDERSON, 1938.....	107
<i>temistriatum, ?Ancylloceras</i>	134	<i>Toxoceras Cornelianus</i> D'ORBIGNY, 1842.....	135
<i>tenuistriatus, Costidiscus</i>	299	<i>Toxoceras Dahnowi</i> KARAKASCH, 1907.....	198
<i>ternbergense, Karsteniceras</i>	233	Toxoceras D'ORBIGNY, 1842.....	199
Terrestrina VERMEULEN, 2006.....	281	<i>Toxoceras Duvalianus</i> D'ORBIGNY, 1842.....	73
<i>Terrestrina beskydensis</i> (VÁŠÍČEK, 1972).....	281	<i>Toxoceras elegans</i> D'ORBIGNY, 1842.....	68
<i>Terrestrina quenstedti</i> (UHLIG, 1883).....	281	<i>Toxoceras Emericianus</i> D'ORBIGNY, 1842.....	107
<i>Terrestrina? hamus</i> (VON QUENSTEDT, 1848).....	281	<i>Toxoceras ensis</i> COQUAND, 1880.....	244
<i>terveri dilatatum, Acrioceras (Acrioceras)</i>	95	<i>Toxoceras filicostatum</i> STAHLCKER, 1935.....	234
<i>terveri multicostatum, Rugacrioceras</i>	289	<i>Toxoceras henoni</i> COQUAND, 1880.....	244
<i>terveri splendens, Acrioceras (Acrioceras)</i>	95	<i>Toxoceras Honoratianus</i> D'ORBIGNY, 1842.....	78
<i>terveri, Acrioceras (Acrioceras)</i>	94	<i>Toxoceras Hourcy</i> COLLIGNON, 1949.....	198
<i>teschenense, Euptychoceras</i>	9	<i>Toxoceras Icaunensis</i> COTTEAU, 1853.....	109
<i>theodori, Theodorites</i>	65	<i>Toxoceras Joubertianus</i> D'ORBIGNY, 1850.....	200
Theodorites BARABOSHIN & MIKHAILOVA, 2006.....	65	<i>Toxoceras longicornis</i> PICTET & DE LORIOL, 1858.....	231
<i>Theodorites drushitsi</i> BARABOSHIN & MIKHAILOVA, 2006.....	65	<i>Toxoceras Moutonianum</i> D'ORBIGNY, 1850.....	197
<i>Theodorites theodori</i> BARABOSHIN & MIKHAILOVA, 2006.....	65	<i>Toxoceras Moutonianus</i> D'ORBIGNY, 1850.....	198
<i>thieuloidis, Bochanites</i>	2	<i>Toxoceras nodosus</i> D'ORBIGNY, 1850.....	199
<i>thieuloyi, Himantoceras</i>	31	<i>Toxoceras obliquatus</i> D'ORBIGNY, 1842.....	195
<i>thieuloyi, Umgazaniceras</i>	33	<i>Toxoceras ouachense</i> COQUAND, 1880.....	244
<i>thiollierei bituberculata, Honnoratia</i>	78	<i>Toxoceras plicatilis</i> D'ORBIGNY, 1850.....	200
<i>thiollierei multicostata, Honnoratia</i>	78	<i>Toxoceras plicatum</i> VON KOENEN, 1902.....	262
<i>thiollierei, Honnoratia</i>	78	<i>Toxoceras porrectum</i> TRAUTSCHOLD, 1886.....	145
<i>thomeli non Murphy, Audouliceras</i>	141	<i>Toxoceras requienianum</i> D'ORBIGNY, 1842.....	200
<i>thomeli, Audouliceras</i>	141	<i>Toxoceras Requienianum</i> D'ORBIGNY, 1842.....	199, 200
<i>thomeli, Eristavia</i>	206	<i>Toxoceras requienianum unituberculatum</i> SARKAR, 1955.....	200
<i>thomeli, Pachyhemihoplites</i>	219	<i>Toxoceras rotatus</i> SIMONOVICH, BATSEVICH & SOROKIN, 1875.....	181
<i>thomeli, Sarkariceras</i>	144	<i>Toxoceras royerianum</i> D'ORBIGNY, 1842.....	105
<i>thorali, ?Protacrioceras</i>	91	<i>Toxoceras Royerianus</i> D'ORBIGNY, 1842.....	109
<i>Thurmannia jupiter</i> ANDERSON, 1938.....	261	<i>Toxoceras Sinzowi</i> KARAKASCH, 1907.....	38
<i>tiniae, Colchidites</i>	183	<i>Toxoceras Varusensis</i> D'ORBIGNY, 1850.....	199
<i>tirolensisformis, Lithancylus</i>	147	<i>Toxoceras winkleri</i> RODIGHIERO, 1919.....	263
<i>tirolensis, Lithancylus</i>	147	<i>Toxoceras? joubertianum</i> D'ORBIGNY, 1850.....	200
<i>tirolensis, Macroscaphites</i>	293	<i>Toxoceras? plicatilis</i> D'ORBIGNY, 1850.....	200
Tonoceras HYATT, 1900.....	119	<i>Toxoceras? unionae</i> (DIMITROVA, 1967).....	200
Tonohamites SPATH, 1924.....	112	TOXOCERATIDAE GILL, 1871.....	174
<i>Tonohamites aequicungulatus</i> (VON KOENEN, 1902).....	112	Toxoceratoides SPATH, 1924.....	105
<i>Tonohamites boldi</i> SZIVS & MONKS, 2002.....	113	Toxoceratoides (Colomboceratoides) ETAYO SERNA, 1979.....	105
<i>Tonohamites decurrens</i> SPATH, 1924.....	113	<i>Toxoceratoides (Colomboceratoides) renzoni</i> , ETAYO SERNA, 1979.....	105
<i>Tonohamites eichwaldi</i> (SINZOW, 1872).....	113	<i>Toxoceratoides (Colomboceratoides) renzoni</i> ETAYO SERNA, 1979.....	108
<i>Tonohamites hunstantonensis</i> CASEY, 1961.....	113	<i>Toxoceratoides ? sp. inc. "gigantomorphe godeti"</i> THIEULOY, 1990.....	147
<i>Tonohamites koeneni</i> CASEY, 1961.....	113	<i>Toxoceratoides asperulus</i> (VON KOENEN, 1902).....	107
<i>Tonohamites limbatas</i> CASEY, 1961.....	112, 114		
<i>Tonohamites multituberculatus</i> IMMEL & GUOXIONG, 2002.....	114		
<i>Tonohamites proteus</i> SPATH, 1930.....	109		
<i>Tonohamites undosus</i> (VON KOENEN, 1902).....	114		

<i>Toxoceratoides biplex</i> (VON KOENEN, 1902)	107	<i>Tropaeum (Tropaeum) caseyi</i> COLLIGNON, 1962	164
<i>Toxoceratoides biplex incrassatus</i> (VON KOENEN, 1902)	107	<i>Tropaeum (Tropaeum) davi</i> KLINGER & KENNEDY, 1977	164
<i>Toxoceratoides caucasicus</i> (KAZANSKY, 1914)	107	<i>Tropaeum (Tropaeum) drewi</i> CASEY, 1960	164
<i>Toxoceratoides corae</i> MURPHY, 1975	107	<i>Tropaeum (Tropaeum) imperator</i> HOWCHIN & WHITEHOUSE, 1928	164
<i>Toxoceratoides depressus</i> AVRAM, 2002	107	<i>Tropaeum (Tropaeum) inflatum</i> AGUIRRE-URRETA, 1985	164
<i>Toxoceratoides emericianus</i> (D'ORBIGNY, 1842)	107	<i>Tropaeum (Tropaeum) keepingi</i> CASEY, 1960	164
<i>Toxoceratoides fustiformis</i> (VON KOENEN, 1902)	108	<i>Tropaeum (Tropaeum) leptum</i> (ETHERIDGE, 1909)	165
<i>Toxoceratoides karsteni</i> (UHLIG, 1883)	108	<i>Tropaeum (Tropaeum) loegteri</i> KEMPER, 1964	165
<i>Toxoceratoides karstenioides</i> VAŠÍČEK & SKUPIEN, 2002	108	<i>Tropaeum (Tropaeum) longus</i> KAKABADZE, 1981	165
<i>Toxoceratoides krenkeli</i> FÖRSTER, 1975	108	<i>Tropaeum (Tropaeum) obesum</i> KLINGER & KENNEDY, 1977	165
<i>Toxoceratoides nagerai</i> (LEANZA, 1970)	109	<i>Tropaeum (Tropaeum) ozakii</i> OBATA & MATSUKAWA, 2007	165
<i>Toxoceratoides obliquatus</i> (YOUNG & BIRD, 1928)	109	<i>Tropaeum (Tropaeum) percostatum</i> (GABB, 1864)	165
<i>Toxoceratoides parvus</i> AVRAM, 2002	109	<i>Tropaeum (Tropaeum) pseudohillsi</i> CASEY, 1980	168
<i>Toxoceratoides proteus</i> (SPATH, 1930)	109	<i>Tropaeum (Tropaeum) rasgradense</i> NIKOLOV & BRESKOVSKI, 1978	165
<i>Toxoceratoides rochi</i> CASEY, 1961	109	<i>Tropaeum (Tropaeum) rennieri</i> BOSHOF, 1945	165
<i>Toxoceratoides rotundus</i> (PHILIPS, 1829)	109	<i>Tropaeum (Tropaeum) rossicum</i> CASEY, 1960	165
<i>Toxoceratoides royerianus</i> (D'ORBIGNY, 1842)	109	<i>Tropaeum (Tropaeum) spinosum</i> KEMPER, 1964	166
<i>Toxoceratoides saulae</i> MURPHY, 1975	110	<i>Tropaeum (Tropaeum) subsimbriskense compressum</i> (SINZOW, 1905)	166
<i>Toxoceratoides seminodosus</i> (ROEMER, 1841)	110	<i>Tropaeum (Tropaeum) subsimbriskense subsimbriskense</i> (SINZOW, 1905)	166
<i>Toxoceratoides sheppardi</i> SPATH, 1924	111	<i>Tropaeum (Tropaeum) tenuinodosum</i> KEMPER, 1964	166
<i>Toxoceratoides silesiacus</i> (UHLIG, 1883)	111	<i>Tropaeum (Tropaeum) undatum</i> WHITEHOUSE, 1926	167
<i>Toxoceratoides starrkingi</i> (ANDERSON, 1938)	111	<i>Tropaeum (Tropaeum)? antarcticum</i> WILCKENS, 1947	162
<i>Toxoceratoides stefanescui</i> AVRAM, 2001	111	<i>Tropaeum (Tropaeum)? lakhephaense</i> (ROUCHADZE, 1938)	164
<i>Toxoceratoides subfurcatum</i> PATRULIUS, 1969	210	<i>Tropaeum (Tropaeum)? multicingulatum</i> (VON KOENEN, 1902)	165
<i>Toxoceratoides subproteus</i> CASEY, 1980	111	<i>Tropaeum drewi tenuinodosum</i> KEMPER, 1964	166
<i>Toxoceratoides subroyerianus</i> KHALILOV, 1988	111	<i>Tropaeum rarum</i> WHITEHOUSE, 1926	167
<i>Toxoceratoides sudalpinus</i> CECCA & LANDRA, 1994	111	<i>Tropaeum subarcticum</i> CASEY, 1960	168
<i>Toxoceratoides? cornucapri</i> (ANDERSON, 1938)	107	<i>trumpyi</i> , <i>Acanthoptychoceras</i>	283
<i>Toxoceratoides? greeni</i> MURPHY, 1975	108	<i>tsholashensis balchanicus</i> , <i>Paramerites</i>	204
<i>Toxoceratoides? haughtoni</i> KLINGER & KENNEDY, 1977	108	<i>tsholashensis</i> , <i>Paramerites</i>	204
<i>Toxoceratoides? taylora</i> (ETHERIDGE, 1892)	112	<i>tskaltshelense</i> , <i>Aoudouleras</i>	141
<i>Toxoceratoides? transitorius</i> AVRAM, 2002	112	<i>tskaltuboense</i> , <i>Heteroceras</i>	175
<i>trachyomphalum</i> , <i>Spinocrioceras</i>	228	<i>tskaltuboense</i> , <i>Proaustraliceras</i>	156
<i>transcaspium</i> , <i>Ammonitoceras</i>	150	<i>tuarkyriensis</i> , <i>Capianites</i>	171
<i>transiente</i> , <i>Australiceras</i>	152	<i>tuba</i> , <i>Paraerioceras</i>	82
<i>transitorius</i> , ? <i>Toxoceratoides</i>	106	<i>tuberculatum graciloides</i> , <i>Proaustraliceras</i>	156
Tricoloceras WHITEHOUSE, 1928	269	<i>tuberculatum</i> , <i>Proaustraliceras</i>	156
<i>trifidum</i> , <i>Labeceras</i>	246	<i>tuberosum</i> , ? <i>Paraspiticeras</i>	88
<i>trifurcatum</i> , <i>Colchidites</i>	184	<i>tumidum</i> , <i>Turkmeniceras</i>	210
<i>trinidadense</i> , <i>Karsteniceras</i>	233	<i>turcmenicus</i> , <i>Hemihoplites</i>	213
<i>trinodosum</i> , <i>Himantoceras</i>	31	Turkmeniceras TOVBINA, 1963	210
<i>trinodosus</i> , <i>Dissimilites</i>	103	<i>Turkmeniceras geokderense</i> TOVBINA, 1963	210
<i>trispinosoides</i> , <i>Huastecoceras</i>	173	<i>Turkmeniceras multicostatum</i> TOVBINA, 1963	211
<i>trispinosus</i> , ? <i>Hemihoplites</i>	213	<i>Turkmeniceras rarecostatum</i> BOGDANOVA, 1971	211
<i>trituberculatum</i> , <i>Davouxiceras</i>	68	<i>Turkmeniceras tovbinae</i> BOGDANOVA, 1971	211
<i>Tropaeum (Ancylotropaeum) baylissi</i> CASEY, 1980	167	<i>Turkmeniceras tumidum</i> BOGDANOVA, 1971	211
<i>Tropaeum (Ancylotropaeum) ponderosum</i> CASEY, 1980	168	<i>Turkmeniceras turkmenicum longicostatum</i> TOVBINA, 1963	212
Tropaeum (Australotropaeum) AGUIRRE-URRETA, 1985	167	<i>Turkmeniceras turkmenicum</i> TOVBINA, 1962	212
<i>Tropaeum (Australotropaeum) magnum</i> AGUIRRE-URRETA, 1985	167	<i>Turkmeniceras turkmenicum</i> TOVBINA, 1963	210
Tropaeum (Tropaeum) J. DE C. SOWERBY, 1837	160	<i>Turkmeniceras turkmenicus</i> var. <i>longa</i> TOVBINA, 1962	212
<i>Tropaeum (Tropaeum) acutecostatum</i> RENNIGARTEN, 1951	162	<i>turkmenicum longicostatum</i> , <i>Turkmeniceras</i>	210
<i>Tropaeum (Tropaeum) arcticum</i> (STOLLEY, 1912)	162	<i>turkmenicum longum</i> , <i>Turkmeniceras</i>	210
<i>Tropaeum (Tropaeum) australe</i> (MOORE, 1870)	162	<i>turkmenicum</i> , <i>Turkmeniceras</i>	210
<i>Tropaeum (Tropaeum) benstedii</i> CASEY, 1960	162	<i>Turrelites Emericianus</i> D'ORBIGNY, 1842	178
<i>Tropaeum (Tropaeum) hiramsum</i> RENNIGARTEN, 1951	162		
<i>Tropaeum (Tropaeum) bowerbankii</i> (J. DE C. SOWERBY, 1840)	162		
<i>Tropaeum (Tropaeum) bowerbankii densistriatum</i> CASEY, 1960	163		

<i>turriculatum</i> , <i>Cochlocrioceras</i>	17	<i>verrucosum</i> , ? <i>Paracrioceras</i>	82
<i>Turritiles Emericianus</i> D'ORBIGNY, 1842	174	<i>versteeghi</i> , <i>Bochianites</i>	2
<i>tvishiensis</i> , <i>Eristavia</i>	206	<i>vespertinum</i> , ? <i>Acrioceras</i> (<i>Acrioceras</i>)	95
<i>tzankovi</i> , ? <i>Protacrioceras</i>	91	Veveysiceras VAŠIČEK & WIEDMANN, 1994	241
<i>tzankovi</i> , <i>Hamulinites</i>	236	<i>Veveysiceras escheri</i> (OOSTER, 1860)	241
<i>tzomei</i> , <i>Audouliceras</i>	141	Veveysiella BUSNARDO, 2003	243
<i>tzotnei</i> , <i>Martelites</i>	191	<i>Veveysiella vibiscumi</i> BUSNARDO, 2003	243
<i>ubalcense</i> , <i>Leptoceras</i>	18	<i>viallii</i> , <i>Crioceratites</i>	35
<i>ubaquense</i> , <i>Pedioceras</i>	87	<i>vibiscumi</i> , <i>Veveysiella</i>	243
<i>ucetiae</i> , <i>Ammonitoceras</i>	150	<i>villiersianus bituberculatus</i> , <i>Crioceratites</i>	35
<i>uhligi</i> <i>multituberculatum</i> , <i>Acrioceras</i> (<i>Acrioceras</i>)	95	<i>villiersianus</i> , <i>Crioceratites</i>	35
<i>uhligi</i> , <i>Acrioceras</i> (<i>Acrioceras</i>)	95	<i>villoutreysae</i> , <i>Emericiceras</i>	73
<i>uhligi</i> , <i>Amorina</i>	278	Vinalesites THIEULOY, 1966	17
<i>uhligi</i> , <i>Eoheteroceras</i>	242	<i>Vinalesites rosariensis</i> (IMLAY, 1942)	17
<i>uhligi</i> , <i>Hoplocrioceras</i>	115	<i>vishnui</i> , <i>Crioceratites</i>	35
<i>uhligi</i> , <i>Manoloviceras</i>	243	<i>vocontienne</i> , <i>Lytocrioceras</i>	290
<i>uhligi</i> , <i>Vasicekina</i>	276	<i>vocontiorus</i> , ? <i>Hamulinites</i>	236
Uhligia VON KOENEN, 1904	196	<i>vogdii</i> , <i>Hamulina</i>	271
<i>Uhligia minutus</i> (NEUMAYR & UHLIG, 1881)	196	<i>vohimaranitraense</i> , <i>Helicancyloceras</i> (<i>Helicancyloceras</i>)	169
<i>uhligii</i> , <i>Ammonites</i> (<i>Hoplites</i> ?)	261	<i>voironense</i> , <i>Paraspiroceras</i>	88
<i>ukense</i> , <i>Camericeras</i>	217	Volgoceratoides MIKHAILOVA & BARABOSHKIN, 2002	117
Umgazaniceras KLINGER & KENNEDY, 1979	33	<i>Volgoceratoides hiplicatus</i> (VON KOENEN, 1902)	117
<i>Umgazaniceras thieuloyi</i> KLINGER & KENNEDY, 1979	33	<i>Volgoceratoides schilovkensis</i> MIKHAILOVA & BARABOSHKIN, 2002	117
<i>undatum</i> , <i>Crioceras</i>	261	<i>vourgeresi</i> , <i>Argyethites</i>	207
<i>undatum</i> , <i>Tropaeum</i> (<i>Tropaeum</i>)	161	<i>vovatum</i> , ? <i>Acrioceras</i> (<i>Acrioceras</i>)	95
<i>undifer</i> , <i>Paracrioceras</i>	82	<i>vulanensis australis</i> , <i>Martelites</i>	191
<i>undosus</i> , <i>Tonohamites</i>	112	<i>vulanensis</i> , <i>Martelites</i>	191
<i>undulatus</i> , <i>Kabylites</i>	12	<i>waageni rouchadzei</i> , <i>Pseudocrioceras</i>	120
<i>unionae</i> , ? <i>Toxoceras</i>	200	<i>waageni sapitshkiense</i> , <i>Pseudocrioceras</i>	120
<i>urbani</i> , <i>Ancyloceras</i>	134	<i>waageni</i> , <i>Pseudocrioceras</i>	120
<i>valladieri</i> , <i>Pseudoaustraliceras</i>	159	<i>waagenioides</i> , <i>Pseudocrioceras</i>	120
<i>vallenarense</i> , <i>Crioceras</i>	261	<i>wandalinum</i> , <i>Australiceras</i>	152
<i>vandenheckii vellezianum</i> , <i>Toxancyloceras</i>	118	<i>wassiliewskiyi</i> , <i>Capianites</i>	171
<i>vandenheckii</i> , <i>Toxancyloceras</i>	118	<i>wermbteri</i> , <i>Davouxiceras</i>	68
<i>variabile</i> , <i>Simancyloceras</i>	27	<i>weteringi</i> , <i>Bochianites</i>	3
<i>varians</i> , <i>Ancyloceras</i>	134	<i>whitneyi</i> , <i>Shastrioceras</i>	287
<i>varicostatus</i> , ? <i>Hemihoplites</i>	214	<i>wiedmanni</i> , <i>Josticeras</i>	241
<i>varicosum</i> , <i>Paracrioceras</i>	82	<i>wilcoxensis</i> , <i>Anahamulina</i>	274
<i>varnense</i> , <i>Emericiceras</i>	73	<i>winkleri</i> , <i>Toxoceras</i>	261
<i>varnensis</i> , <i>Eristavia</i>	206	<i>wintunium</i> , <i>Hoplocrioceras</i>	115
<i>varusense</i> , <i>Moutoniceras</i>	197	<i>woeckeneri</i> , <i>Paracrioceras</i>	82
<i>varusensis</i> , <i>Hamulinites</i>	236	<i>wrighti</i> , <i>Hamulinites</i>	236
Vasicekina VERMEULEN, 2005	276	<i>xelhuae</i> , <i>Protancyloceras</i>	13
<i>Vasicekina paxillosa</i> (UHLIG, 1883)	277	<i>xizangensis</i> , <i>Bochianites</i>	3
<i>Vasicekina subcincta</i> (UHLIG, 1883)	277	<i>yagii</i> , <i>Crioceras</i>	261
Vasicekites VERMEULEN, 1998	239	<i>yollabollium</i> , <i>Hoplocrioceras</i>	115
<i>Vasicekites evolutus</i> (FALLOT & TERMIER, 1923)	239	<i>yrigoyeni</i> , <i>Cryptocrioceras</i>	86
<i>vectensis</i> , <i>Capianites</i>	171	<i>yvanii disjuncticostatus</i> , <i>Macroscaphites</i>	293
<i>vegaense</i> , <i>Labeceras</i>	246	<i>yvanii</i> , <i>Macroscaphites</i>	293
<i>veleurenensis</i> , <i>Colchidites</i>	184	<i>zevortii</i> , ? <i>Ancyloceras</i>	134
Veleziceras WRIGHT in ARKELL et al., 1957	240	<i>zigzag</i> , <i>Bochianites</i>	3
<i>Veleziceras uhligi</i> VAŠIČEK, 1972	243	<i>zitteli</i> , ? <i>Ancyloceras</i>	134
<i>velezense</i> , <i>Orbignyceras</i>	241	<i>znakovensis</i> , <i>Argyethites</i>	207
<i>ventricosum</i> , <i>Shastoceras</i>	149	<i>zulu</i> , <i>Acrioceras</i> ? (<i>Acrioceras</i>)	95
<i>ventrotuberculatum</i> , <i>Hamitoceras</i>	132		
<i>verdonii</i> , <i>Lytocrioceras</i>	290		
<i>vermiforme</i> , <i>Heteroceras</i>	175		