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SUPPLEMENTARY ONLINE MATERIAL FOR

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Late Jurassic–Early Cretaceous oysters from Siberia: A systematic review

Published in *Acta Palaeontologica Polonica* 2017 62 (X): xxx-xxx.
<https://doi.org/10.4202/app.00387.2017>

Supplementary Online Material

Late Jurassic–Early Cretaceous oysters from Siberia:

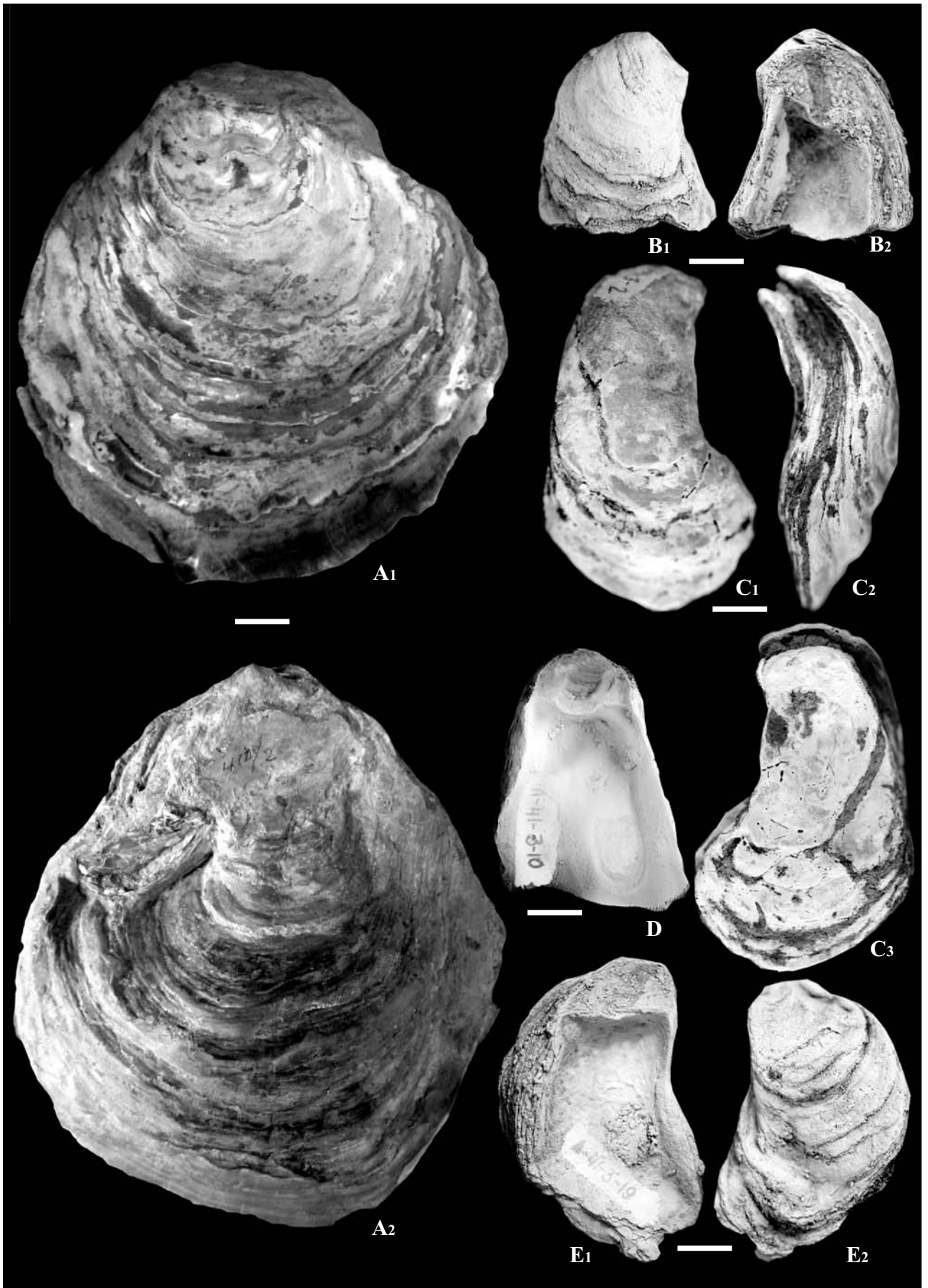
SOM fig. 1. A. *Pernostrea uralensis* (Zakharov, 1972), Ryazanian, the Northern Urals, the Maurynya River, TsSGM 2068/39. B–E. *Helvetostrea exotica* (Kosenko, 2014), Upper Kimmeridgian, the Northern Urals, the Lopsiya River.

SOM fig. 2. A. “*Ostrea*” cf. *moreana* Buvignier, 1852, Middle Volgian, the Northern Urals, the Yatriya River, TsSGM 2068/27. B, C. *Pernostrea gibberosa* (Zakharov, 1974). B. TsSGM 2068/83, Ryazanian, the Northern Urals, the Maurynya River. C. TsSGM 2068/3, Lower Volgian, the Subpolar Urals, the Yatriya River.

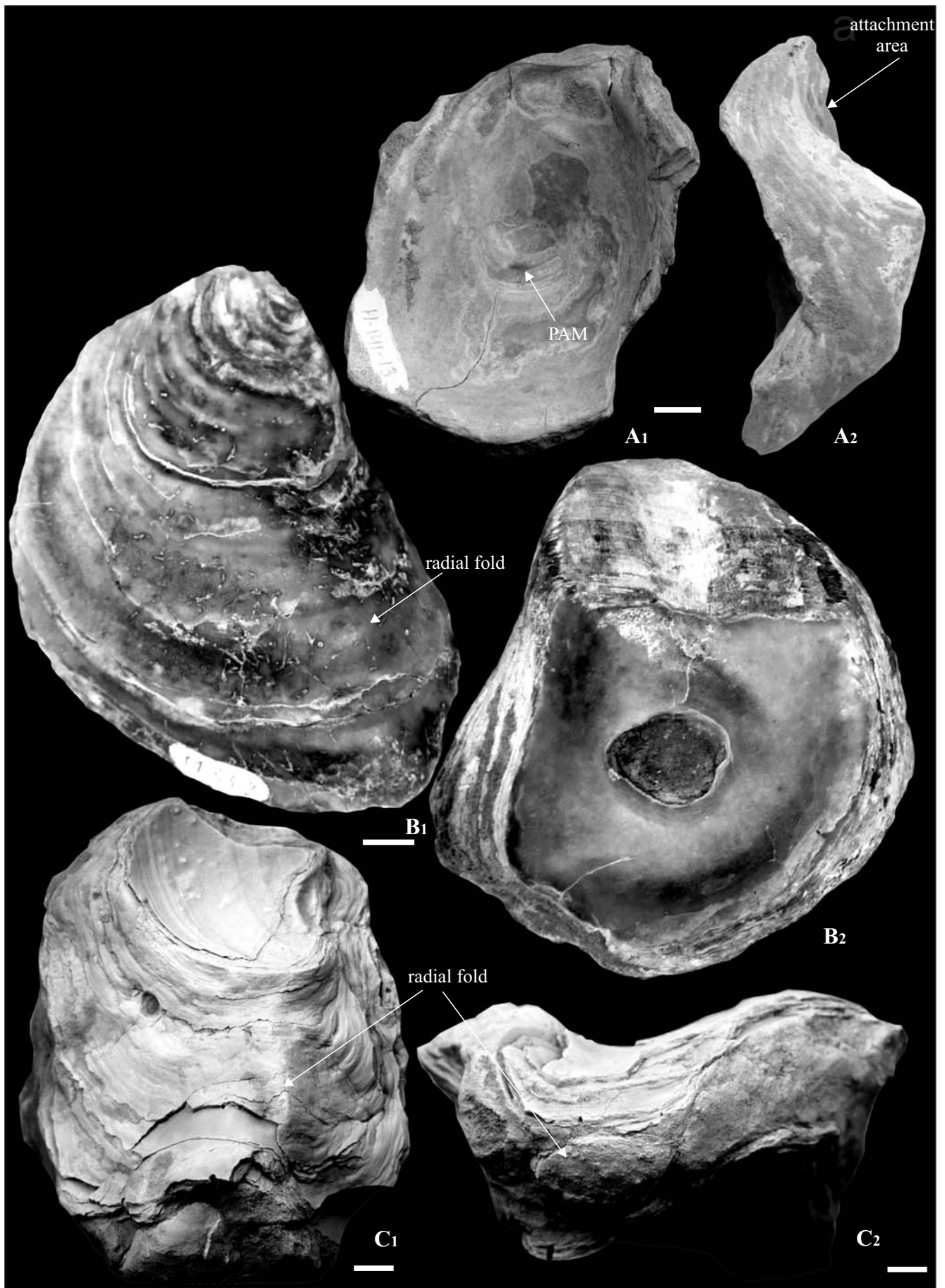
SOM fig. 3. *Deltoideum (Boreiodeltoideum) anabarensis* (Bodylevsky, 1949). A. TsSGM 150/4190, Valanginian, north of Eastern Siberia, the Boyarka River. B. TsSGM 2068/60. Settlement of juvenile oysters on the bivalve shell, Valanginian, north of Eastern Siberia, the Boyarka River. C. TsSGM 2068/70, Valanginian, north of Eastern Siberia, the Bolshaya Romanikha River. D. TsSGM 150/4421, Valanginian, north of Eastern Siberia, the Boyarka River. E. TsSGM 2068/85, Valanginian, north of Eastern Siberia, the Bolshaya romanikha River.

SOM fig. 4. *Pernostrea cucurbita* (Zakharov, 1966), Lower Valanginian, north of Eastern Siberia, the Boyarka River. A. TsSGM 150/5192-1. B. TsSGM 150/5192-2. C. TsSGM 150/5192-3. D. TsSGM 150/5192-4. E. TsSGM 150/5192-5.

SOM fig. 5. *Pernostrea* cf. *quadrangularis* (Arkell, 1927), Lower Kimmeridgian, the Northern Urals, the Lopsiya river, TsSGM 2068/25.



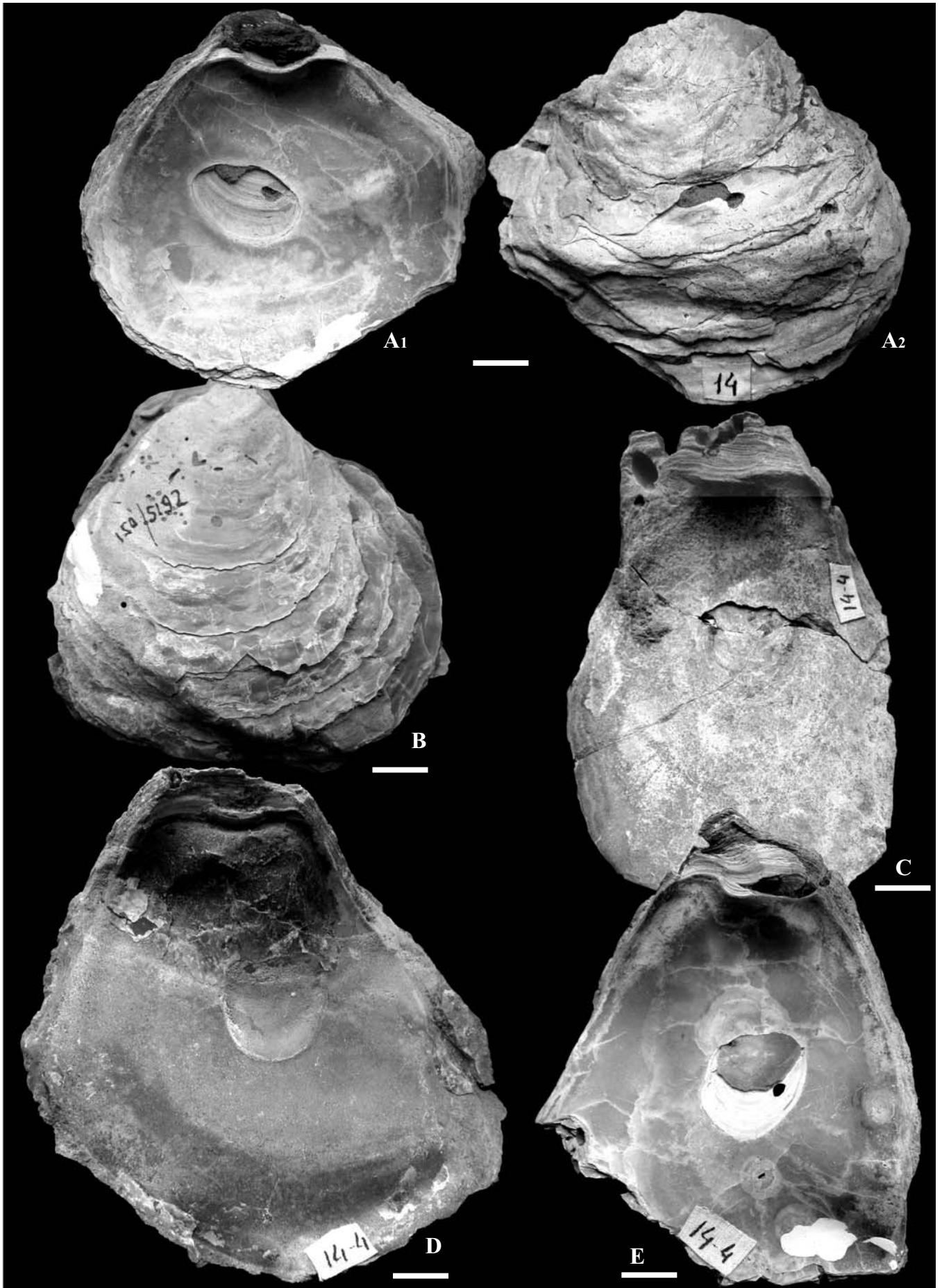
SOM fig. 1. Late Jurassic–Early Cretaceous oysters from Siberia. **A.** *Pernostrea uralensis* (Zakharov, 1972), Ryazanian, the Northern Urals, the Maurynya River TsSGM 2068/39, view on RV (A₁) and on LV (A₂). On the surface of LV concentric crimps are distinguishable. **B–E.** *Helvetostrea exotica* (Kosenko, 2014), Upper Kimmeridgian, the Northern Urals, the Lopsiya River. **B.** TsSGM 2048/5, paratype. Exterior of LV (B₁) and interior of LV (B₂). **C.** TsSGM 2048/1, holotype. View on LV (C₁), view from anterior side (C₂), view on RV (C₃). **D.** TsSGM 2048/7, paratype. Interior of RV. **E.** TsSGM 2048/3, paratype. Interior of RV (E₁) and exterior of RV (E₂). Scale bar 10 mm.



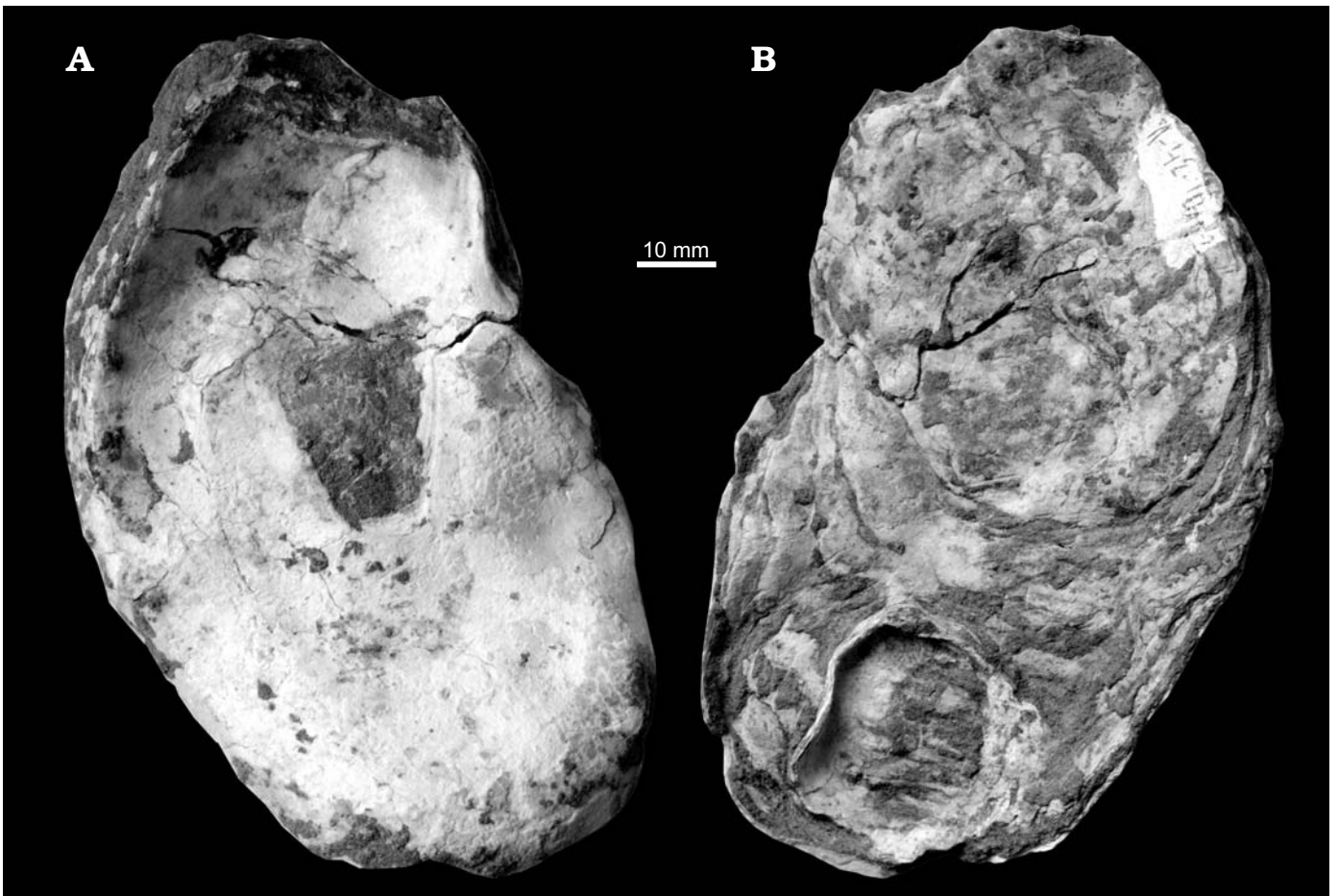
SOM fig. 2. Late Jurassic–Early Cretaceous oyster from Siberia. **A.** “*Ostrea*” cf. *moreana* Buvignier, 1852, Middle Volgian, the Northern Urals, the Yatriya River, TsSGM 2068/27. Interior of LV (A₁) and view from ventral side (A₂). **B.** *Pernostrea gibberosa* (Zakharov, 1974). **B.** TsSGM 2068/83, Ryazanian, the Northern Urals, the Maurynya River. Exterior of LV (B₁) and interior of LV (B₂). **C.** TsSGM 2068/3, Lower Volgian, the Subpolar Urals, the Yatriya River. View on LV (C₁) and view from ventral side (C₂). Scale bars 10 mm



SOM fig. 3. Late Jurassic–Early Cretaceous oyster from Siberia, *Deltoideum (Boreiodeltoideum) anabarensis* (Bodylevsky, 1949). **A.** TsSGM 150/4190, Valanginian, north of Eastern Siberia, the Boyarka River. Exterior of LV (A₁) and interior of LV (A₂). **B.** TsSGM 2068/60. Settlement of juvenile oysters on the bivalve shell, Valanginian, north of Eastern Siberia, the Boyarka River. **C.** TsSGM 2068/70, Valanginian, north of Eastern Siberia, the Bolshaya Romanikha River. Interior of RV with abnormally large ligament area. **D.** TsSGM 150/4421, Valanginian, north of Eastern Siberia, the Boyarka River. View on LV (D₁) and view on RV (D₂). **E.** TsSGM 2068/85, Valanginian, north of Eastern Siberia, the Bolshaya romanikha River. Interior of LV. Scale bars 10 mm.



SOM fig. 4. Late Jurassic–Early Cretaceous oyster from Siberia, *Pernostrea cucurbita* (Zakharov, 1966), Lower Valanginian, north of Eastern Siberia, the Boyarka River. **A.** TsSGM 150/5192-1. Interior of LV (A₁), exterior of LV (A₂). **B.** TsSGM 150/5192-2, view on RV. **C.** TsSGM 150/5192-3. Interior of LV. **D.** TsSGM 150/5192-4. Interior of RV. **E.** TsSGM 150/5192-5. Interior of LV. Scale bars 10 mm.



SOM fig. 5. Late Jurassic–Early Cretaceous oyster from Siberia, *Pernostrea* cf. *quadrangularis* (Arkell, 1927), Lower Kimmeridgian, the Northern Urals, the Lopsiya river, TsSGM 2068/25, interior of LV (A) and exterior of LV (B). Scale bar 10 mm.