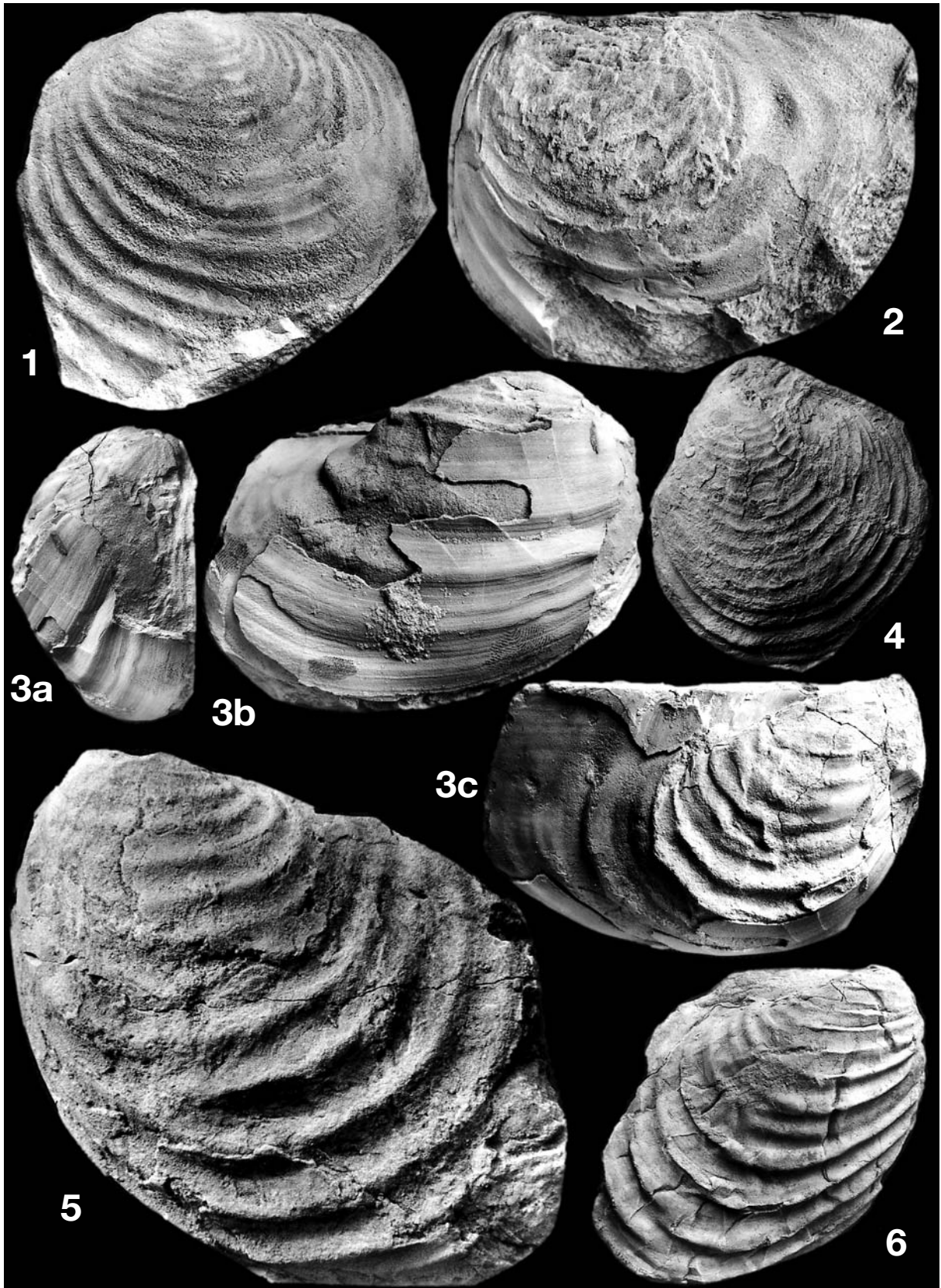


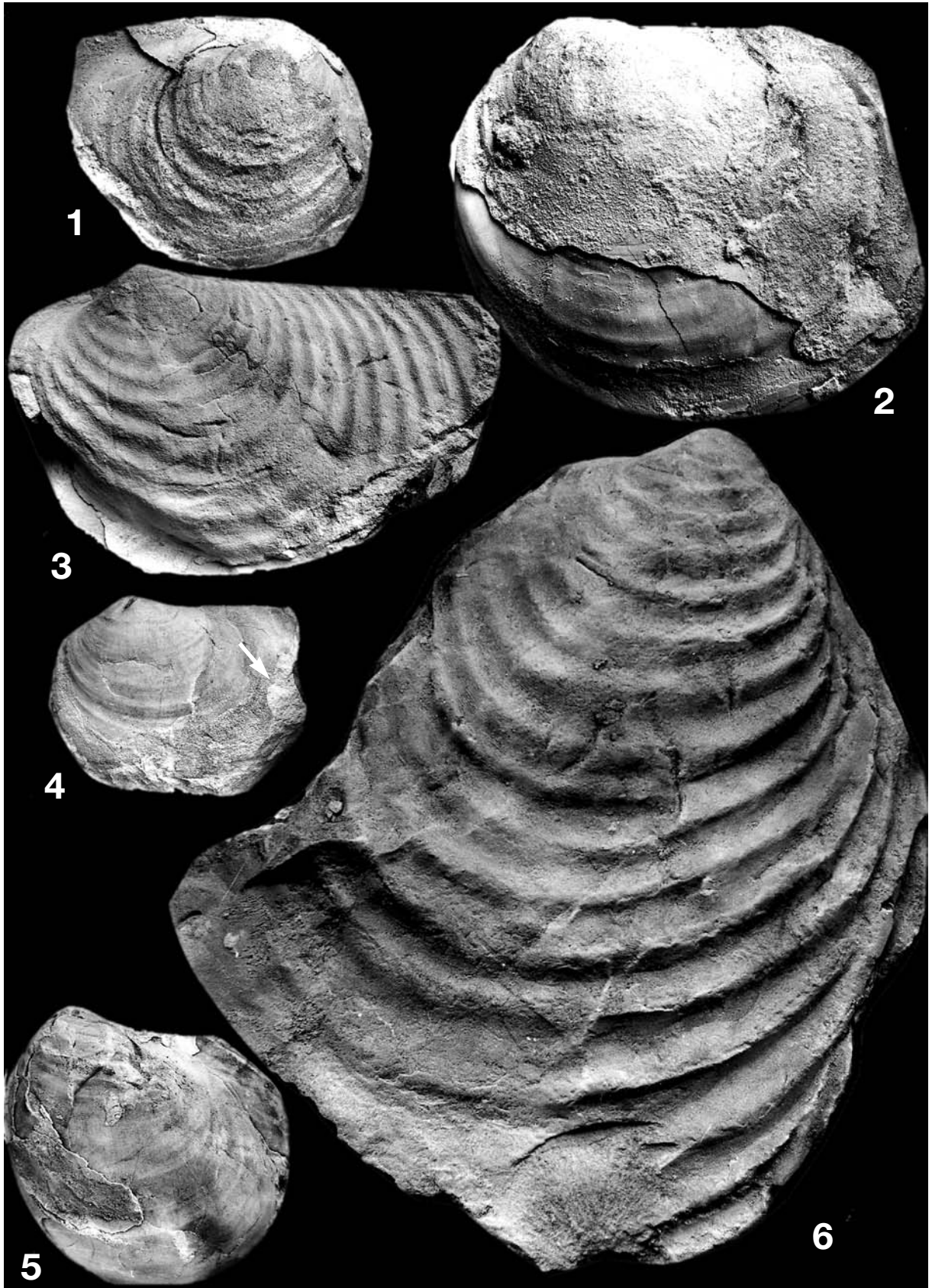
PLATE 1

- 1 – *Cataceramus goldfussianus* (D'ORBIGNY, 1847), IW-12 from level 34.7 [section II]; × 0.85
- 2 – *Cataceramus cf. pteroides* (GIERS, 1964), IW-4 from level 6.7 [section II]; × 1
- 3 – “*Inoceramus*” *conlini* WALASZCZYK, COBBAN & HARRIES, 2001, IW-8 from level 11 [section III]; × 1
- 4 – *Cataceramus mortoni* (MEEK, 1876), IW-23 from level 30.1 [section I]; × 1
- 5 – *Cataceramus ex gr. balticus* (BÖHM, 1907), IW-5 from level 6.5 [section II]; × 1
- 6 – *Cordiceramus heberti* (GIERS, 1964), IW-9 from level 25.5 [section II]; × 1



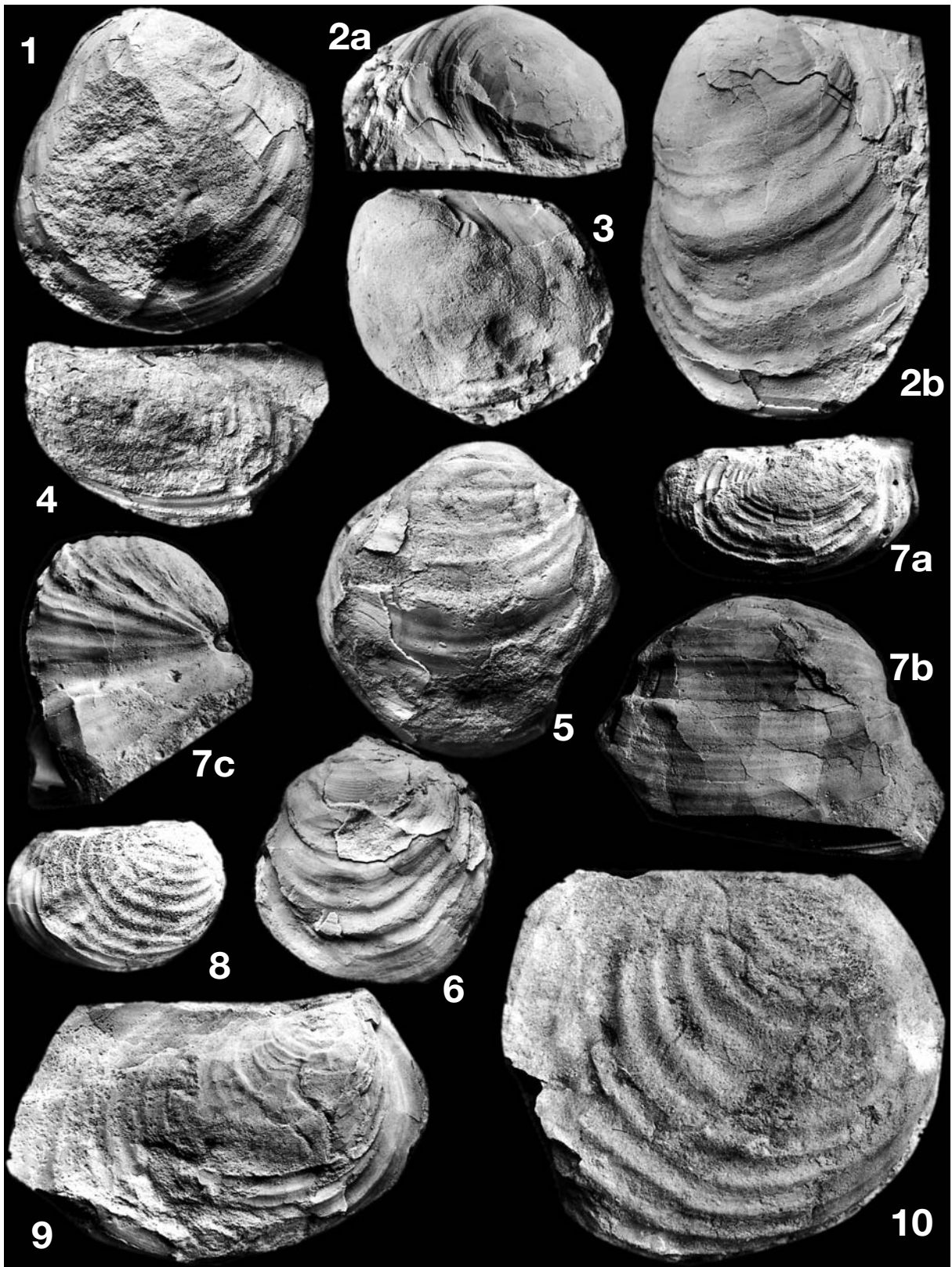
## PLATE 2

- 1-2, 4-5** – *Sphaeroceramus pertenuiformis* WALASZCZYK, COBBAN & HARRIES, 2001; 1 – IW-250 from level (47) [section II]; 2 – IW-29 from level 46.1 [section II]; 4 – IW-227 from level (47) [section II]; 5 – IW-242 from level (47) [section II]; 1-2, 5 × 1; 4 × 0.9
- 3** – *Cataceramus goldfussianus* (D'ORBIGNY, 1847), IW-28 from level 45.6 [section II]; × 1
- 6** – “*Cataceramus*” sp., IW-13 from level 42.4 [section II]; × 0.95



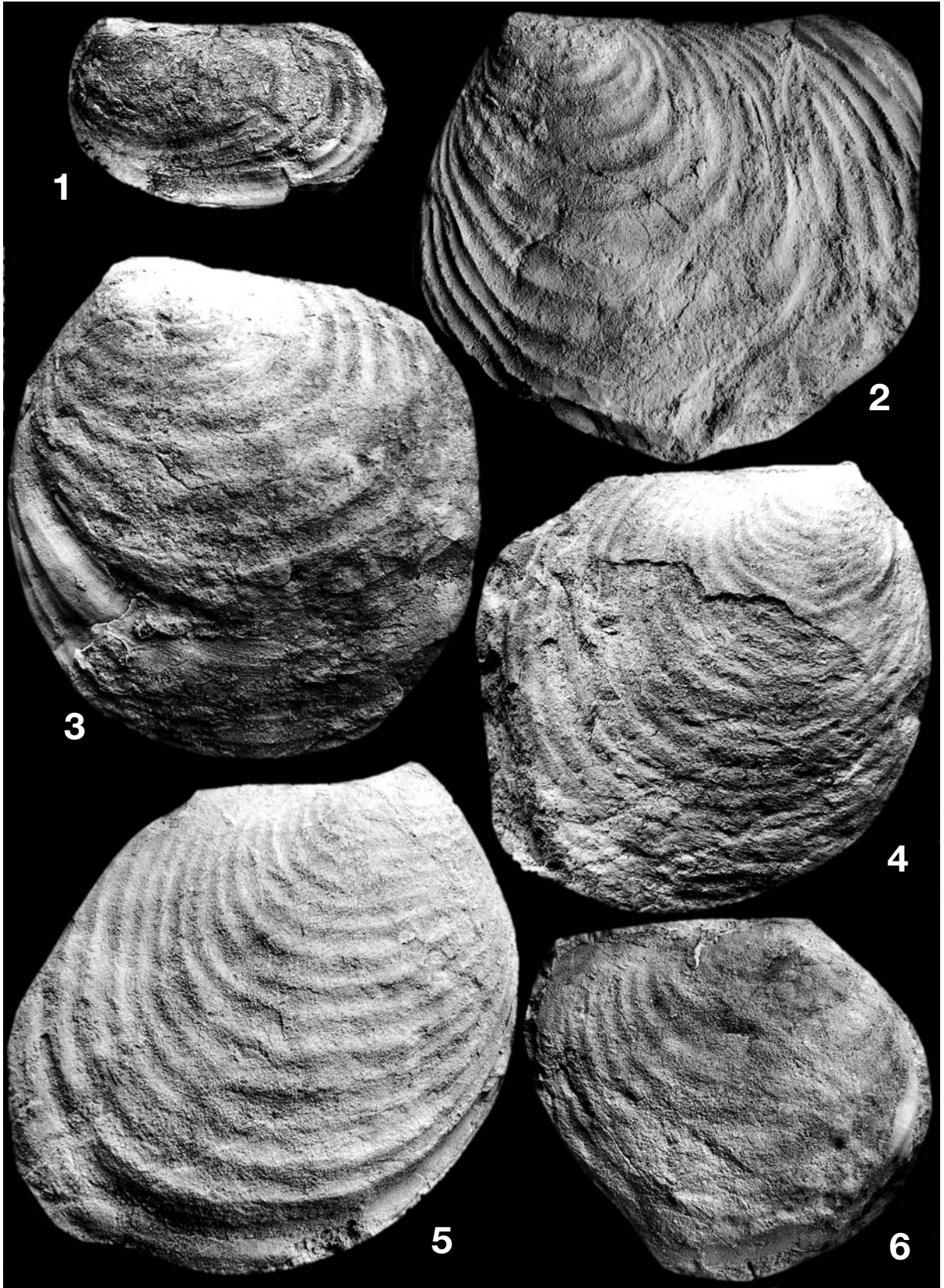
## PLATE 3

- 1-3, 5-6** – *Sphaeroceramus pertenuiformis* (WALASZCZYK, COBBAN & HARRIES, 2001); 1 – IW-40 from level 47.5 [section II]; 2 – IW-42 from level 47.4 [section II]; 3 – IW-30 from level 45.4 [section II]; 5 – IW-41 from level 47 [section II]; 6 – IW-39 from level (47.2) [section II]; 1, 3  $\times$  1; 2  $\times$  0.85; 5  $\times$  0.95; 6  $\times$  0.9
- 4, 9** – *Cataceramus* ? aff. *barabini* (MORTON, 1834); 4 – IW-33 from level 45.6 [section II]; 9 – IW-38 from level 47.4 [section II]; 4  $\times$  0.9; 9  $\times$  1
- 7** – “*Inoceramus*” *borilensis* JOLKIČEV, 1962; IW-34 from level 47.4 [section II];  $\times$  0.8
- 8** – *Cataceramus* sp.; IW-32 from level 46.9 [section II];  $\times$  0.75
- 10** – *Cataceramus goldfussianus* (D’ORBIGNY, 1847); IW-37 from level 47.5 [section II];  $\times$  0.9



## PLATE 4

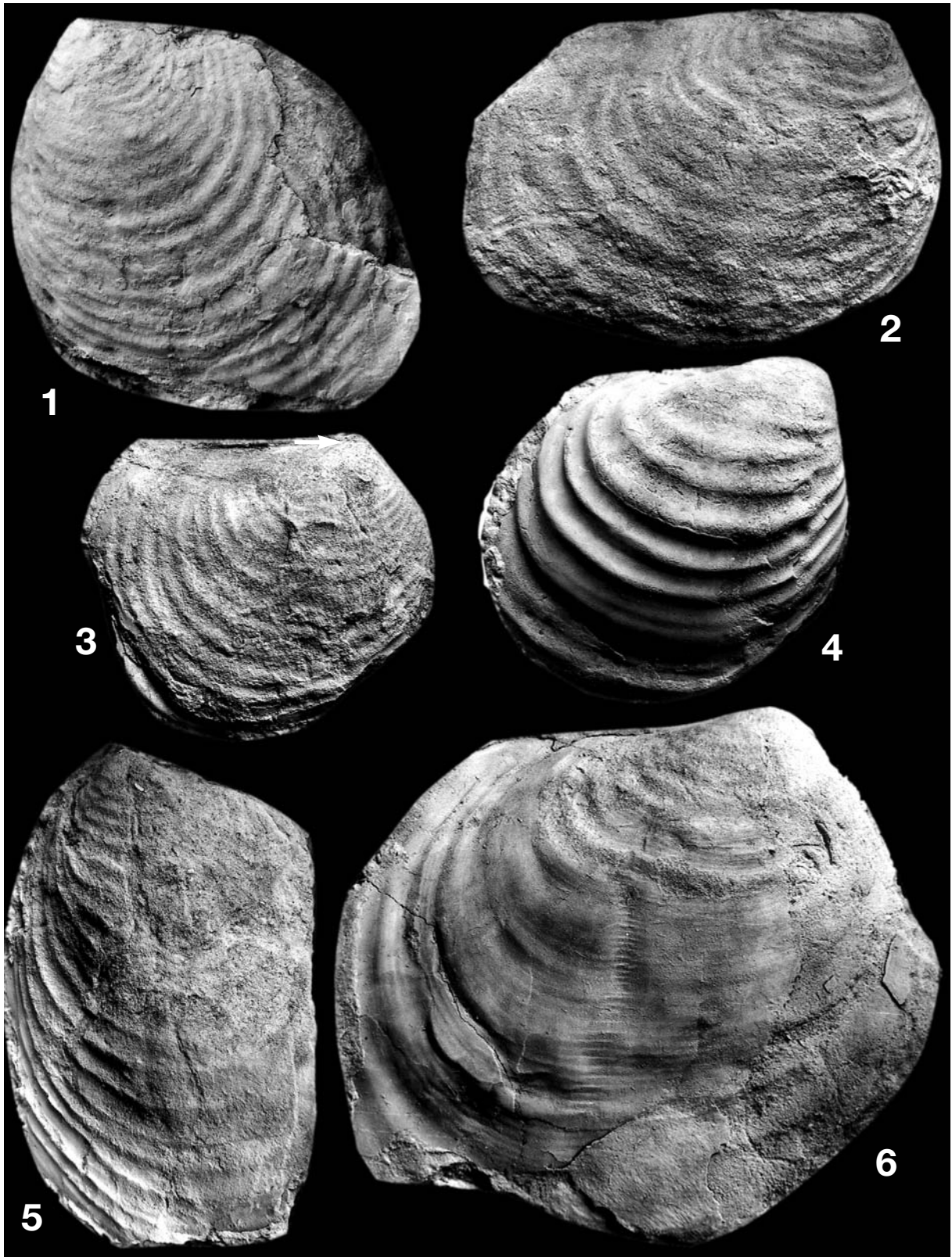
- 1 – *Cataceramus?* aff. *barabini* (MORTON, 1834); IW-66 from level 66.5 [section II];  $\times 1$
- 2 – “*Inoceramus*” *vanuxemi* MEEK & HAYDEN, 1860; IW-49 from level 67.0 [section II];  $\times 1$
- 3 – “*Inoceramus*” *sagensis* OWEN, 1852, IW-48 from level 66.8 [section II];  $\times 1$
- 4-5 – “*Inoceramus*” *altus* MEEK, 1871, 4 – IW-47 from level 67 [section I]; 5 – IW-46 from level 67 [section I];  $\times 1$
- 6 – *Cataceramus goldfussianus* (D’ORBIGNY, 1847), IW-203 from level 66.5 [section II];  $\times 0.75$





## PLATE 5

- 1 – “*Inoceramus*” *altus* MEEK, 1871; IW-52 from level 66.5 [section II];  $\times 0.8$   
2-3 – *Cataceramus goldfussianus* (D’ORBIGNY, 1847), 2 – IW-53 from level 67.0 [section II]; 3 – IW-91  
from level 66.5 [section II];  $2 \times 0.85$ ;  $3 \times 1$   
4, 6 – “*Inoceramus sagensis*” OWEN, 1852; 4 – IW-43 from level 66.5 [section II]; 6 - IW-55 from level  
67.0 [section I];  $4 \times 0.92$ ;  $6 \times 1$   
5 – “*Inoceramus*” *vanuxemi* MEEK & HAYDEN, 1860; IW-54 from level 67.0 [section II];  $\times 0.85$



## PLATE 6

- 1 – *Cataceramus* cf. *pseudoregularis* (SORNAY, 1962) IW-201 from level 66.5 [section I];  $\times 0.65$   
2-3, 6 – “*Inoceramus*” *altus* MEEK, 1871; 2 – IW-204 from level 67.1 [section II], 3 – IW-205 from level 66.5 [section II]; 6 – IW-207 from level 66.5 [section II]; 2, 6  $\times 0.7$ ; 3  $\times 0.6$   
4 – “*Inoceramus*” *sagensis*” OWEN, 1852; IW-191 from level 67.0 [section II];  $\times 0.7$   
5 – “*Inoceramus*” *altusiformis* WALASZCZYK, COBBAN & HARRIES, 2001; IW-209 from level 67.6 [section II];  $\times 0.7$

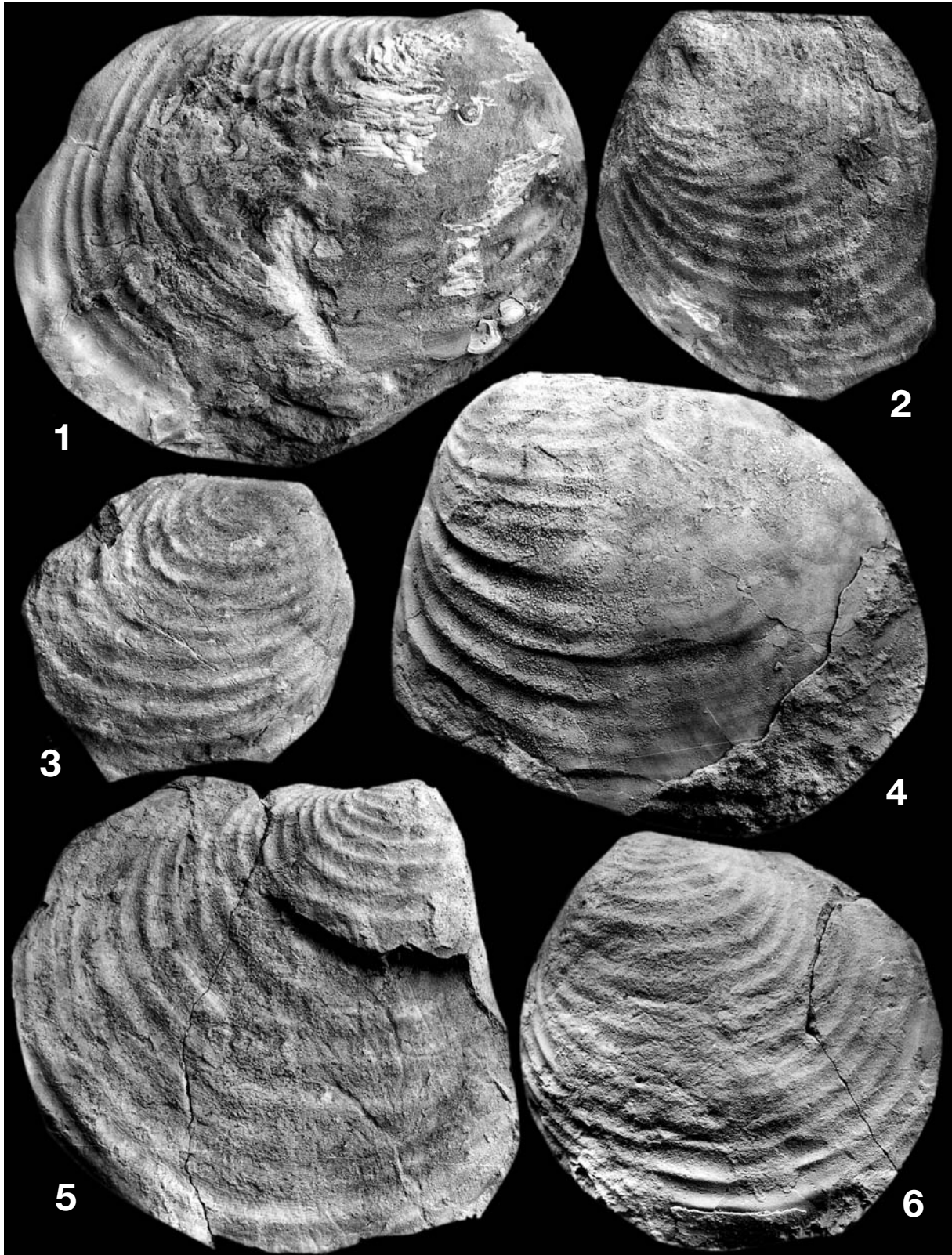
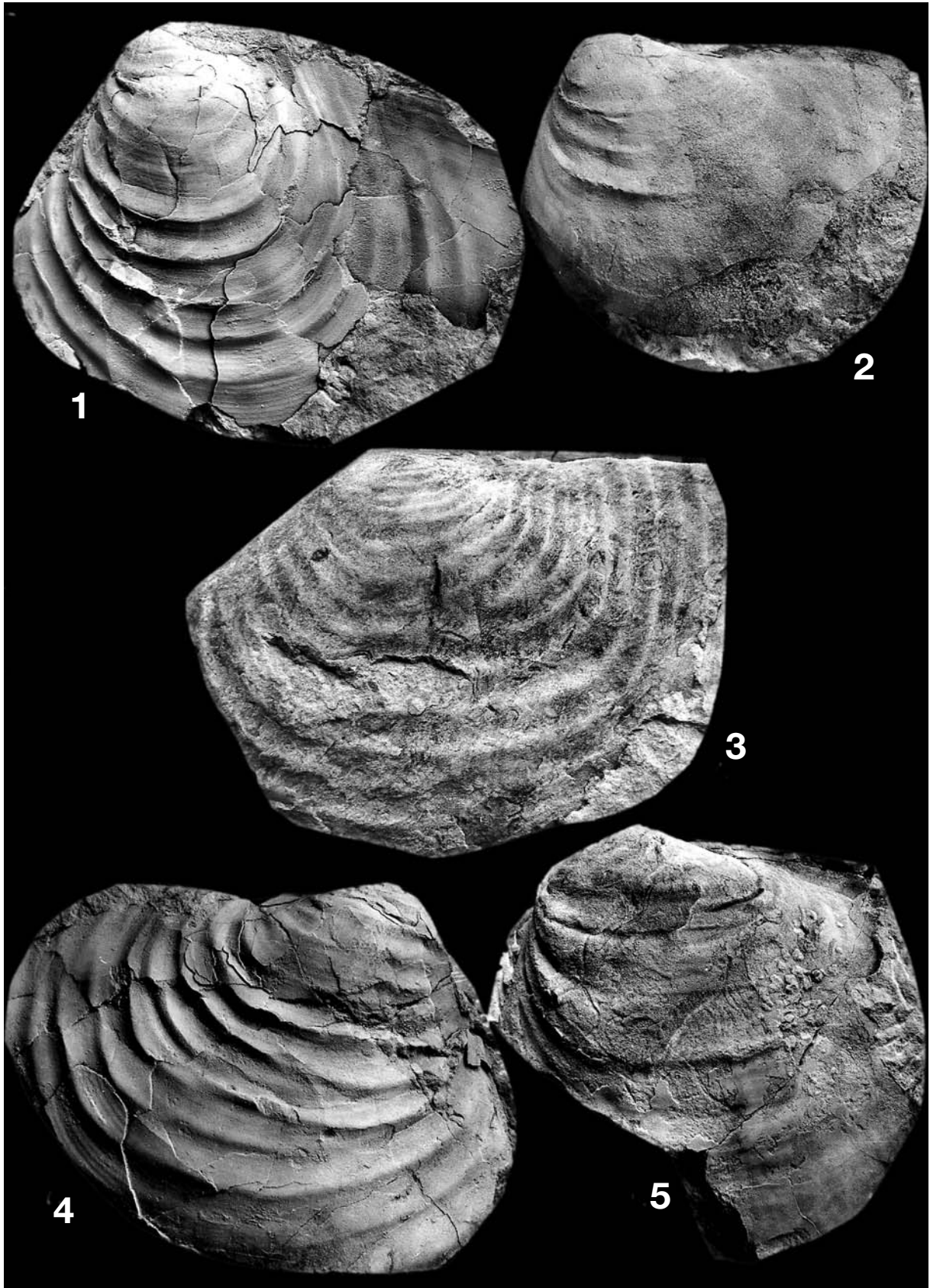


PLATE 7

- 1, 4** – “*Inoceramus*” *vanuxemi* MEEK & HAYDEN, 1860; 1 – IW-285 from level 73.9 [section I]; 4 – IW-273 from level 73.9 [section I]; 1 × 0.9; 4 × 1
- 2** – “*Inoceramus*” sp., IW-267 from level 79.8 [section I]; × 0.9
- 3** – *Cataceramus goldfussianus* (D’ORBIGNY, 1847), IW-296 from level 80.5 [section I]; × 0.75
- 5** – “*Inoceramus*” sp., IW-286 from level 79.8 [section I]; × 0.9



## PLATE 8

- 1-2** – *Cataceramus palliseri* (DOUGLAS, 1942), 1 – IW-278 from level 85.3 [section I], 2 – IW 76 from level 84.7 [section II]; × 1
- 3, 6** – “*Inoceramus*” aff. *gandjaeformis* WALASZCZYK, COBBAN & HARRIES, 2001, 3 – IW-294 from level 84.7 [section I]; 6 – IW-293 from level 84.0 [section I]; × 0.75
- 4** – “*Inoceramus*” *alaeformis* ZEKELI 1852 *of authors*; IW-81 from level 87.6 [section II]; × 1
- 5** – *Cataceramus goldfussianus* (D’ORBIGNY, 1847), IW-282 from level 85.1 [section I]; × 0.95

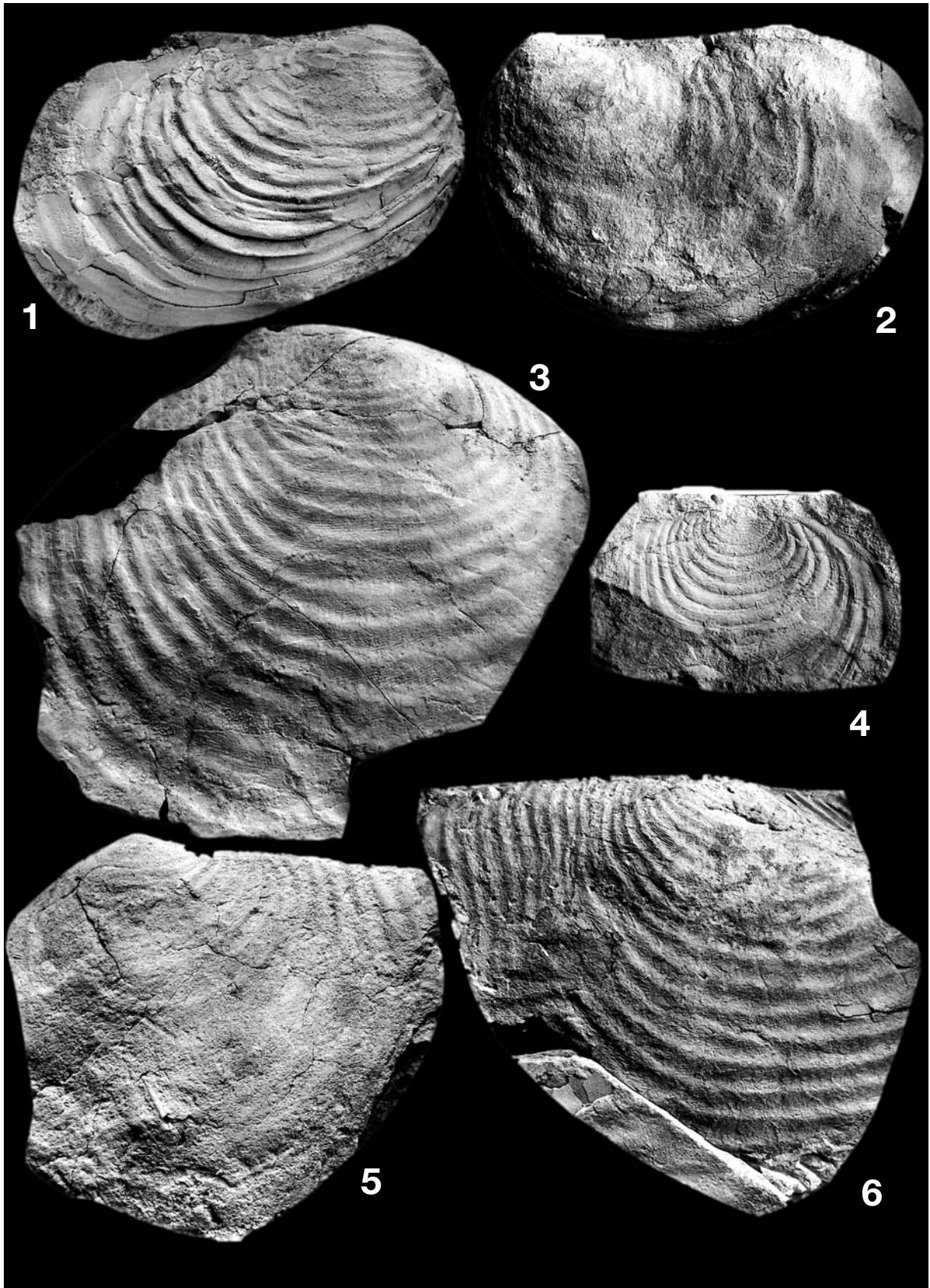




PLATE 9

- 1-2** – “*Inoceramus*” *oblongus* MEEK, 1871; 1 – IW 80 from level 94.0 [section I], 2 – IW 74 from level 93.0 [section II];  $\times 0.85$
- 3-4** – “*Inoceramus*” *alaeformis* ZEKELI, 1852 *of authors*; 3 – IW 173 from level 93.3 [section I], 4 - IW-172 from level 93.0 [section I];  $\times 0.85$
- 5** – “*Inoceramus*” *altus* MEEK, 1871; IW 68 from level 93.6 [section I];  $\times 1$

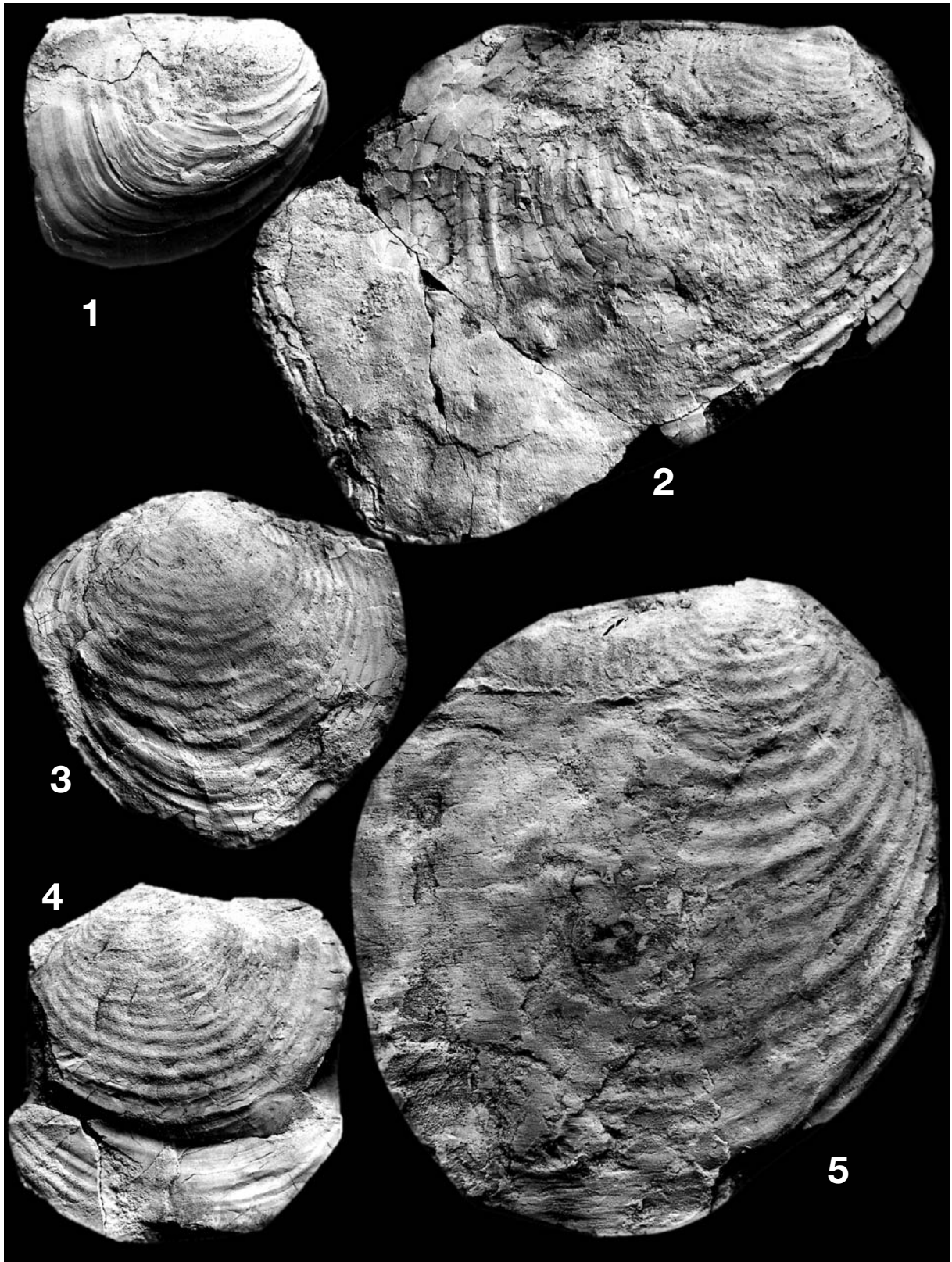


PLATE 10

- 1 – *Inoceramus* *alaeformis* ZEKELI, 1852 *of authors*; IW-78 from level 93.5 [section I];  $\times 0.95$
- 2 – *Cataceramus* aff. *pteroides*, IW-175 from level 93.5 [section I];  $\times 0.92$
- 3 – *Inoceramus* sp., IW 153 from level 93.6 [section I];  $\times 1$
- 4 – *Cataceramus palliseri* (DOUGLAS, 1942), IW-174 from level 93.0 [section I];  $\times 0.95$
- 5 – *Inoceramus* *oblongus* MEEK, 1871; IW 67 from level (93.6) [section I];  $\times 1$

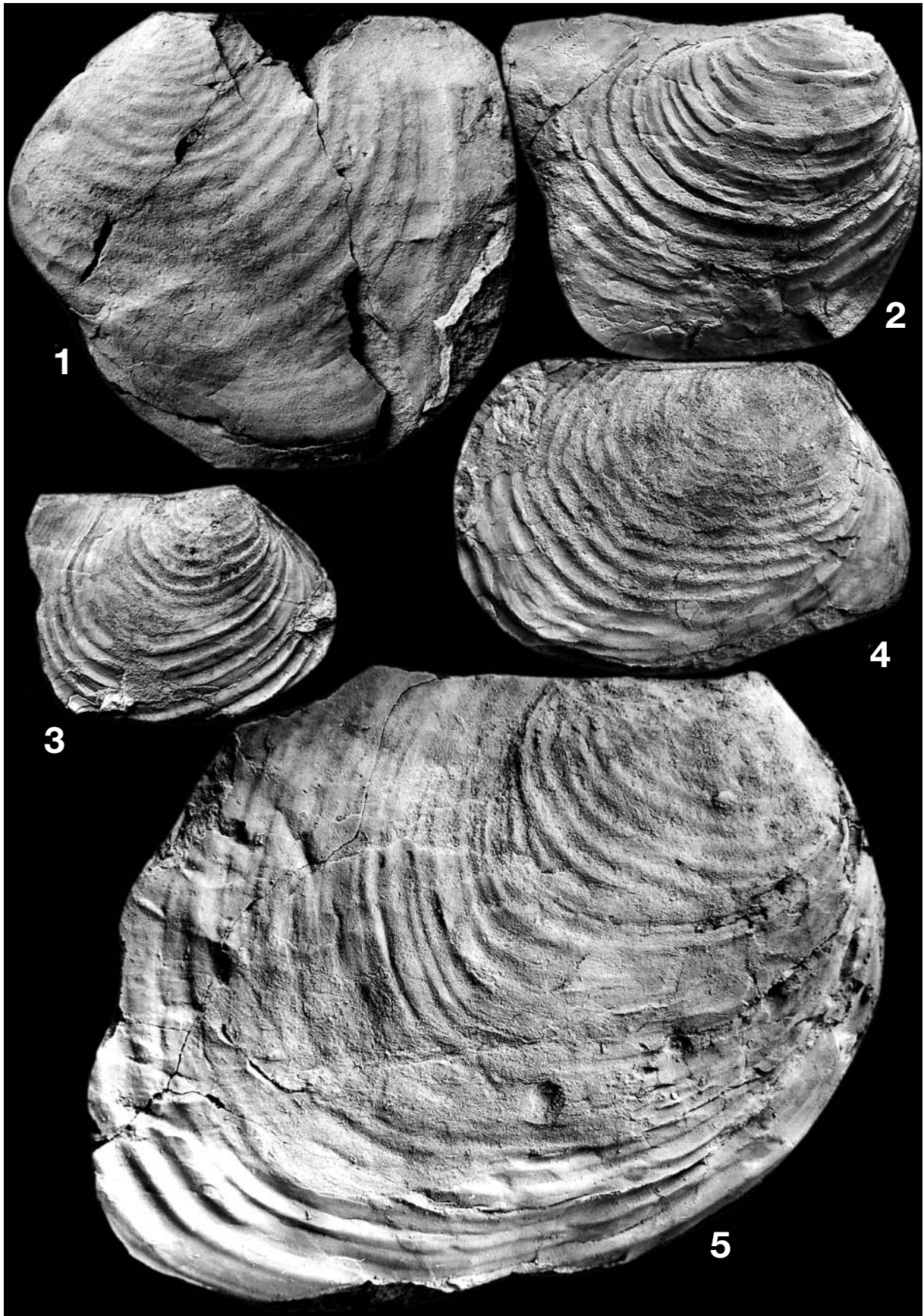
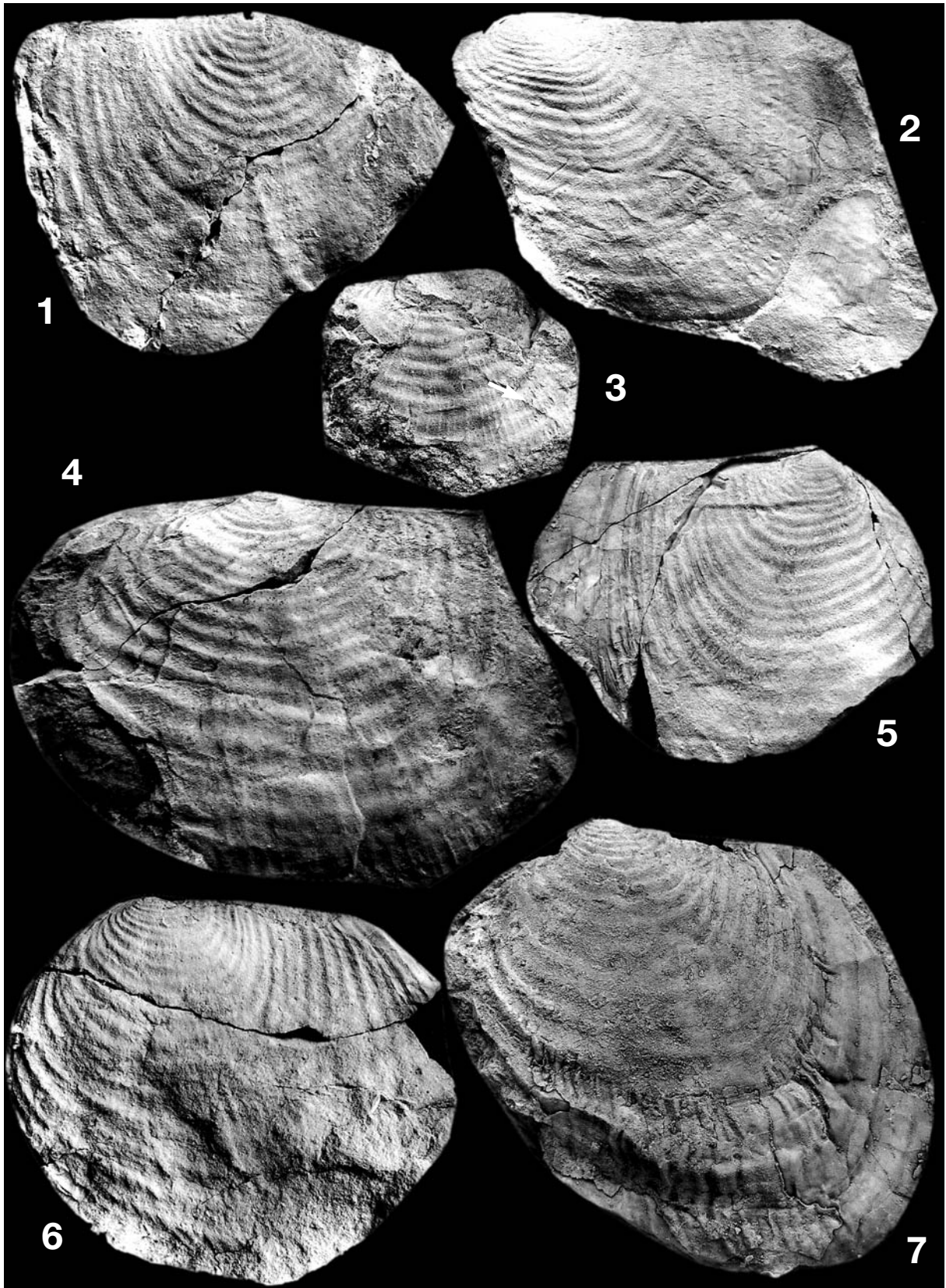


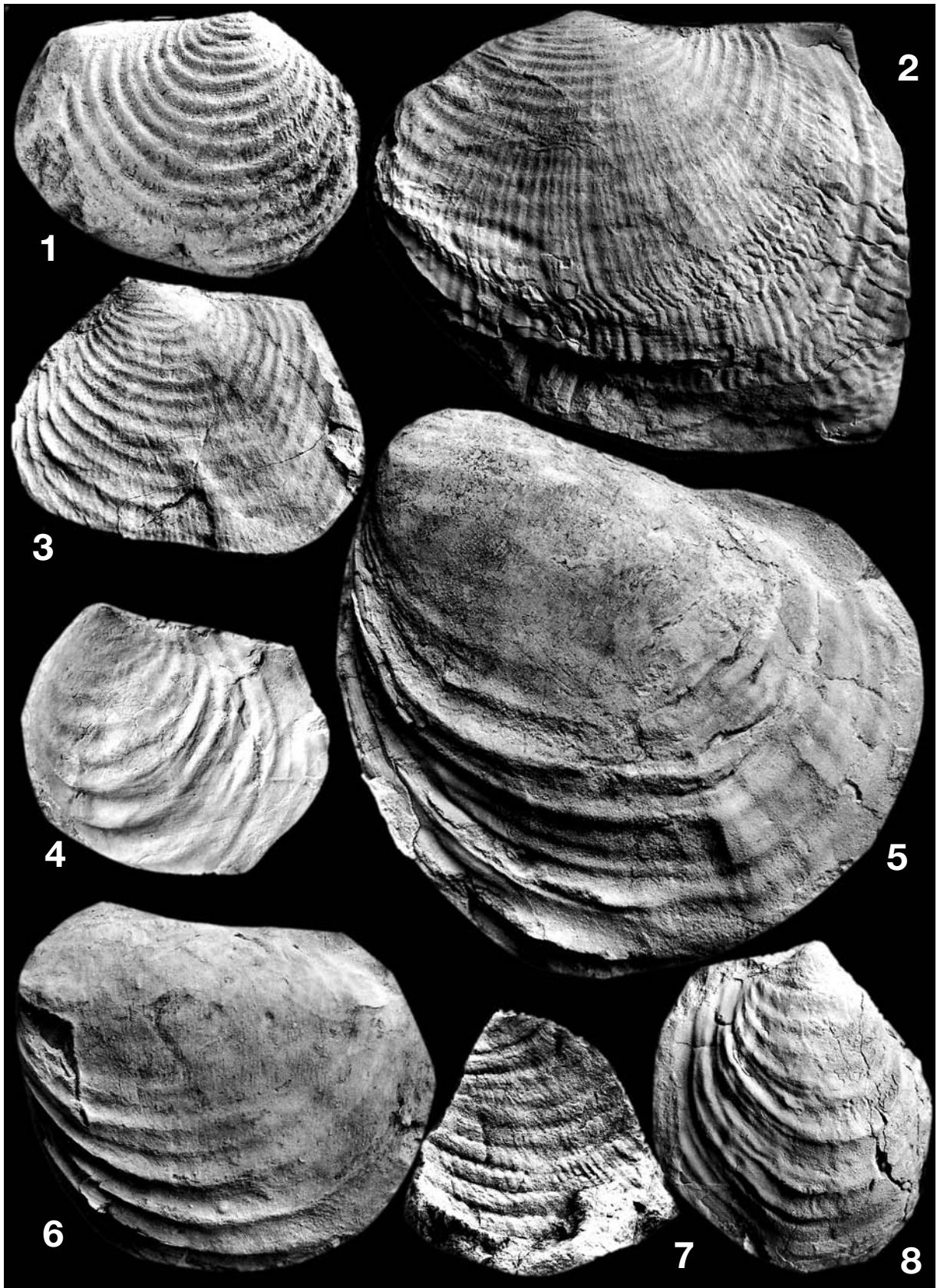
PLATE 11

**1-5** – *Trochoceramus costaeus* (KHALAFOVA, 1966), 1 – IW-160 from level 96.7 [section IV]; 2 – IW-167 from level 96.7 [section IV]; 3 – IW-90 from level 97.5 [section IV]; 4 – IW-170 from level 97.8 [section IV]; 5 – IW-168 from level 96 [section IV]; 6 – IW-86 from level 101.1 [section IV]; 7 – IW-161 from level 97.7 [section IV]; 1-2, 5-7  $\times$  1; 3-4  $\times$  0.9



## PLATE 12

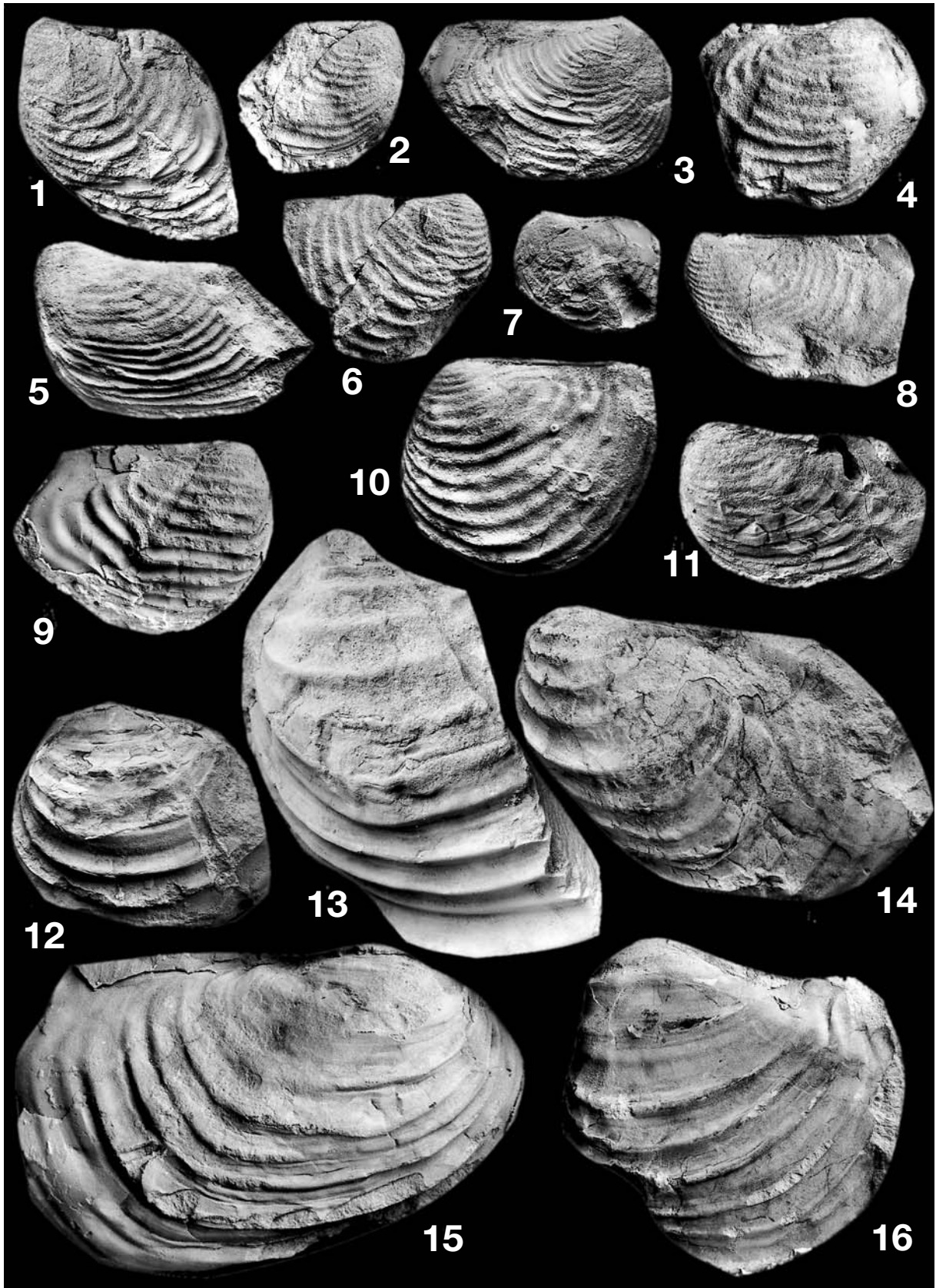
- 1 – ?*Trochoceramus radiosus* (QUAAS, 1902) or juvenile of a large *Trochoceramus costaeus* (KHALAFOVA, 1966) [=DHONDT, 1993, pl. 7, fig. 3], KBIN TCM 10538, A.V. DHONDT collection;  $\times 1$
- 2-3, ?7 – *Trochoceramus costaeus* (KHALAFOVA, 1966); 2 – IW-85 from level 98.2 [section II]; 3 – IW-88 from level 101.9 [section IV]; 7 – from A.V. DHONDT collection; 2, 7  $\times 1$ ; 3  $\times 0.9$
- 4, 8 – *Inoceramus*” aff. *redbirdensis* WALASZCZYK, COBBAN & HARRIES, 2001; 4 – IW-101 from level 108.4; 8 – IW-102 from level 108.4 [both specimens section IV];  $\times 1$
- 5-6 – “*Inoceramus*” *wyomingensis* WALASZCZYK, COBBAN & HARRIES, 2001; 5 – IW-105 from level 109.8; 6 – IW-104 from level 109.8 [both specimens section III]; 5  $\times 1$ ; 6  $\times 0.85$





## PLATE 13

- 1-5, 7-8, 11** – *Endocostea typica* WHITIFELD 1880; 1 – IW 114 from level 117.4a [section E] 2 – IW 109 from level 117.2a [section E]; 3 – IW 110 from level 117.5a [section E]; 4 – IW 128 from level 117.7 [section V]; 5 – IW 132 from level 117.7 [section V]; 7 – IW 115 from level 117.5a [section E]; 8 – IW 131 from level 117.7 [section V]; 11 – IW 117 from level 147.6a; 1, 3-5, 8, 11  $\times$  1; 2  $\times$  0.75; 7  $\times$  0.8
- 6, 10** – *Cataceramus subcircularis* (MEEK, 1876); 6 – IW 116 from level 117.4a [section E]; 10 – IW 133 from level 117.4a [section E];  $\times$  1
- 9** – *Endocostea jolkicevi* sp. nov.; IW 121 from level 117.4a [section E];  $\times$  1
- 12-16** – “*Inoceramus*” *redbirdensis* WALASZCZYK, COBBAN & HARRIES, 2001; 12 – IW-96 from level 109.0 [section IV]; 13 – IW-99 from level 110.0 [section III]; 14 – IW-98 from level 110.5 [section III]; 15 – IW-103 from level 110.8; 16 – IW-95 from level 110.0 [section IV]; all  $\times$  1



## PLATE 14

- 1-3, 6, 8-9** – *Cataceramus subcircularis* (MEEK, 1876), 1 – IW 140 from level 148.2 [section IV]; 2 – IW 135 from level 161.4 [section IV]; 3 – IW 139 from level 169.1a [section E]; 6 – IW 123 from level 161.5 [section IV]; 8 – KBIN TCM 10539, A.V. DHONDT collection; 9 – IW 136 from level 155.0; 1-3, 8-9  $\times 1$ ; 6  $\times 0.8$
- 4, 11, 14** – *Cataceramus? barabini* (MORTON, 1834); 4 – IW 111 from level 143.8 [section IV]; 11 – IW 157 from level 155.6 [section IV]; 14 – IW 147 from level 161.1 [section IV]; 4, 11  $\times 1$ ; 14  $\times 1.2$
- 5, 7, 12** – *Cataceramus? glendivensis* WALASZCZYK, COBBAN & HARRIES, 2001; 5 – IW 137 from level 157 [section IV]; 7 – IW 141 from level 148.2 [section IV]; 12 – IW 124 from level 169.1a [section E]; all  $\times 1$
- 10** – *Trochoceramus radiosus* (QUAAS, 1902); A.V. DHONDT collection, unit V;  $\times 1$
- 13** – *Cataceramus? oviformis* WALASZCZYK, COBBAN & HARRIES, 2001; IW 120 from level 117.8 [section III];  $\times 1$

