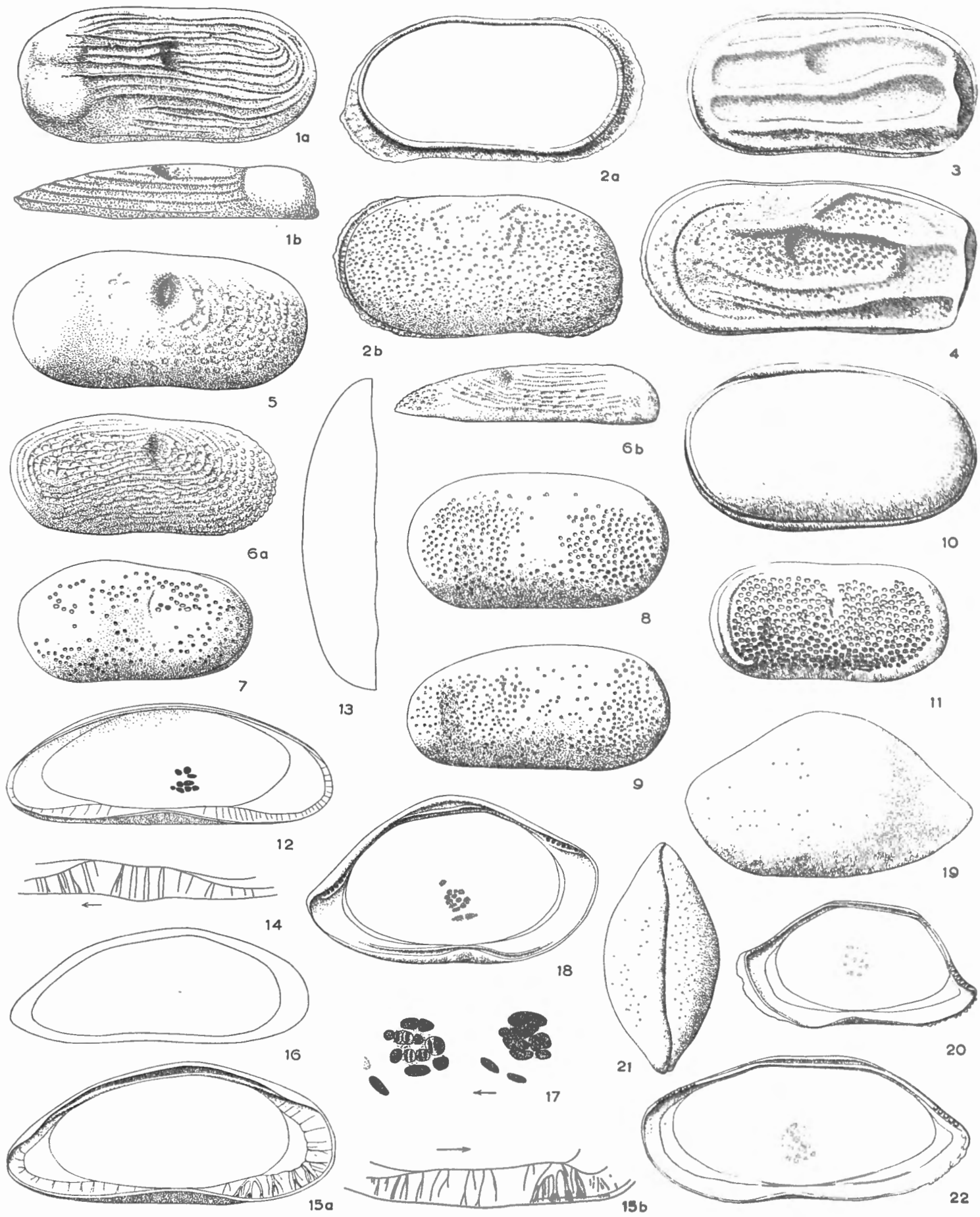


PLATE I

EXPLANATION OF PLATE I.

	Pages
FIG. 1. — <i>Platella gyrosa</i> (ROEMER)	49
1 a, lateral view, and 1 b, dorsal view of ♀ right valve; Upper Ypresian of Forest (BD 445), Belgium. 100×.	
FIG. 2. — <i>Cytherella transversa</i> (SPEYER)	47
2 a, interior, and 2 b, exterior of left valve; Rupelian of Niel (JB 365), Belgium. 60×.	
FIG. 3. — <i>Cytherelloidea dameriacensis</i> APOSTOLESCU	47
Left valve of ♀; Ledian Forest (BD 1258), Belgium. 100×.	
FIG. 4. — <i>Cytherelloidea hieroglyphica</i> (BOSQUET)	47
Left valve of ♀ (lectotype); Lutetian of Paris Basin (coll. BOSQUET, No. 3). 100×.	
FIGS. 5-6. — <i>Cytherella pustulosa</i> n. sp.	46
5, right valve; Ledian of Balegem (ZG 1025), Belgium. 6 a, lateral view, and 6 b, dorsal view of ♀ right valve (holotype); Lutetian of Grignon (CAB 1002), France. 60×.	
FIG. 7. — <i>Cytherella münsteri</i> (ROEMER)	46
Right valve; Ledian of Forest (BD 1258), Belgium. 60×.	
FIGS. 8-9. — <i>Cytherella beyrichi</i> (REUSS)	45
8, right valve of ♀, and 9, right valve of ♂; Rupelian of Kleine-Spouwen (BZ 485), Belgium. 60×.	
FIG. 10. — <i>Cytherella compressa</i> (VON MÜNSTER)	45
Left side of ♀ carapace; Rupelian of Niel (JB 359), Belgium. 60×.	
FIG. 11. — <i>Cytherella jonesiana</i> (BOSQUET)	45
Right valve (lectotype); Oligocene of Paris Basin (coll. BOSQUET, No. 4). 60×.	
FIGS. 12-14. — <i>Argilloecia jeurrensis</i> n. sp.	49
12, interior of left valve (holotype); 13, dorsal view of left valve; 14, ventral marginal area of right valve; Oligocene of Paris Basin (coll. BOSQUET, No. 14 b). 60×.	
FIGS. 15-17. — <i>Paracypris contracta</i> (JONES)	51
15 a, interior, and 15 b, ventral marginal area of left valve; 16, outlines of mature and immature right valves (60×); 17, two musclescars of right valves (90×), Ledian of Bambrugge (ZD 342), Belgium.	
FIGS. 18-21. — <i>Bairdoppilata gliberti</i> n. sp.	53
18, interior of left valve (holotype); 19, exterior of left valve; 20, interior of right valve; 21, dorsal view of carapace; Lutetian of Grignon (CAB 1002), France. 45×.	
FIG. 22. — <i>Bairdoppilata</i> sp.	54
Interior of right valve; Lutetian of Grignon (CAB 1002), France. 45×.	

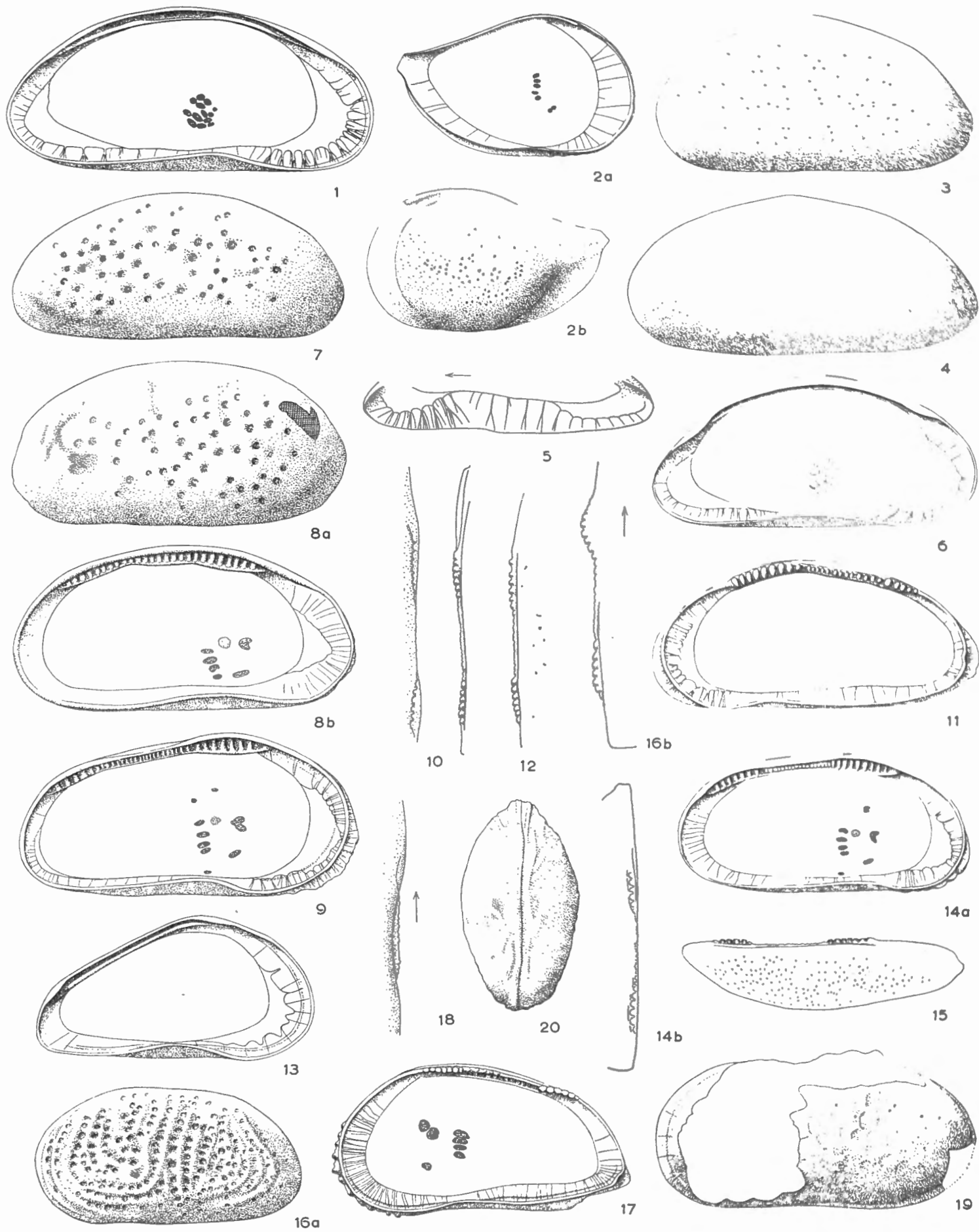


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE II

EXPLANATION OF PLATE II.

	Pages
FIG. 1. — <i>Bythocypris arcuata</i> (VON MÜNSTER)	54
Interior of left valve; Miocene of Aquitaine Basin, France (coll. BOSQUET, No. 14). 60x.	
FIG. 2. — <i>Pseudocythere</i> sp.	164
2 a, interior, and 2 b, exterior of left valve; Ledian (?) of boring Heist-op-den-Berg (129,50 m), Belgium. 90x.	
FIGS. 3-6. — <i>Bythocypris cuisensis</i> n. sp.	55
3, left valve of ♀; Upper Ypresian of Cuise-Lamotte (CAH 1262), France. 4, left valve of ♂; Ledian of Bambrugge (ZD 342), Belgium. 5, ventral marginal area of right valve; Upper Ypresian of Mont-Saint-Aubert (DH 1211), Belgium. 6, interior of ♀ left valve (holotype); Upper Ypresian of Cuise-Lamotte, France (coll. BOSQUET, No. 14 d). 60x.	
FIGS. 7-8. — <i>Haplocytheridea hebertiana</i> (BOSQUET)	59
7, right valve of ♂; 8 a, external view, and 8 b, interior of ♀ left valve (lectotype); Ledian of Paris Basin (coll. BOSQUET, No. 11). 90x.	
FIGS. 9-10. — <i>Haplocytheridea curvata</i> (LIENENKLAUS)..	59
9, interior of ♂ left valve; Rupelian of Bilzen-Katteberg (TK 526). 10, dorsal view of left and right valve hinge; Rupelian of Kleine-Spouwen (BZ 490), Belgium. 90x.	
FIGS. 11-12. — <i>Haplocytheridea punctatella</i> (BOSQUET)	63
11, interior of right valve (BZ 485); 12, dorsal view of right valve hinge; Rupelian of Kleine-Spouwen (BZ 487), Belgium. 90x.	
FIG. 13. — <i>Eucythere triordinis</i> SCHMIDT	88
Interior of left valve; Lutetian of Saint-Job (BA 105), Belgium. 90x.	
FIGS. 14-15. — <i>Haplocytheridea heinzlini</i> n. sp.	60
14 a, interior of ♂ left valve, 14 b, dorsal view of hinge (ZD 1011); 15, dorsal view of right valve; Ledian of Bambrugge (ZD 1015), Belgium. 90x.	
FIG. 16. — <i>Haplocytheridea</i> sp.	64
16 a, exterior of left valve, and 16 b, dorsal view of left valve hinge; Lutetian of Paris Basin (coll. BOSQUET, No. 18 e). 60x.	
FIGS. 17-18. — <i>Clithrocytheridea appendiculata</i> APOSTOLESCU	57
17, interior of right valve; 18, dorsal view of hinge of left valve; Lutetian of Grignon (CAB 1000), France. 90x.	
FIGS. 19-20. — <i>Cytherissa spathacea</i> (LIENENKLAUS)	73
19, left valve of mature carapace; 20, dorsal view of immature carapace; Upper Tongrian of Kleine-Spouwen (BZ 541), Belgium. 90x.	

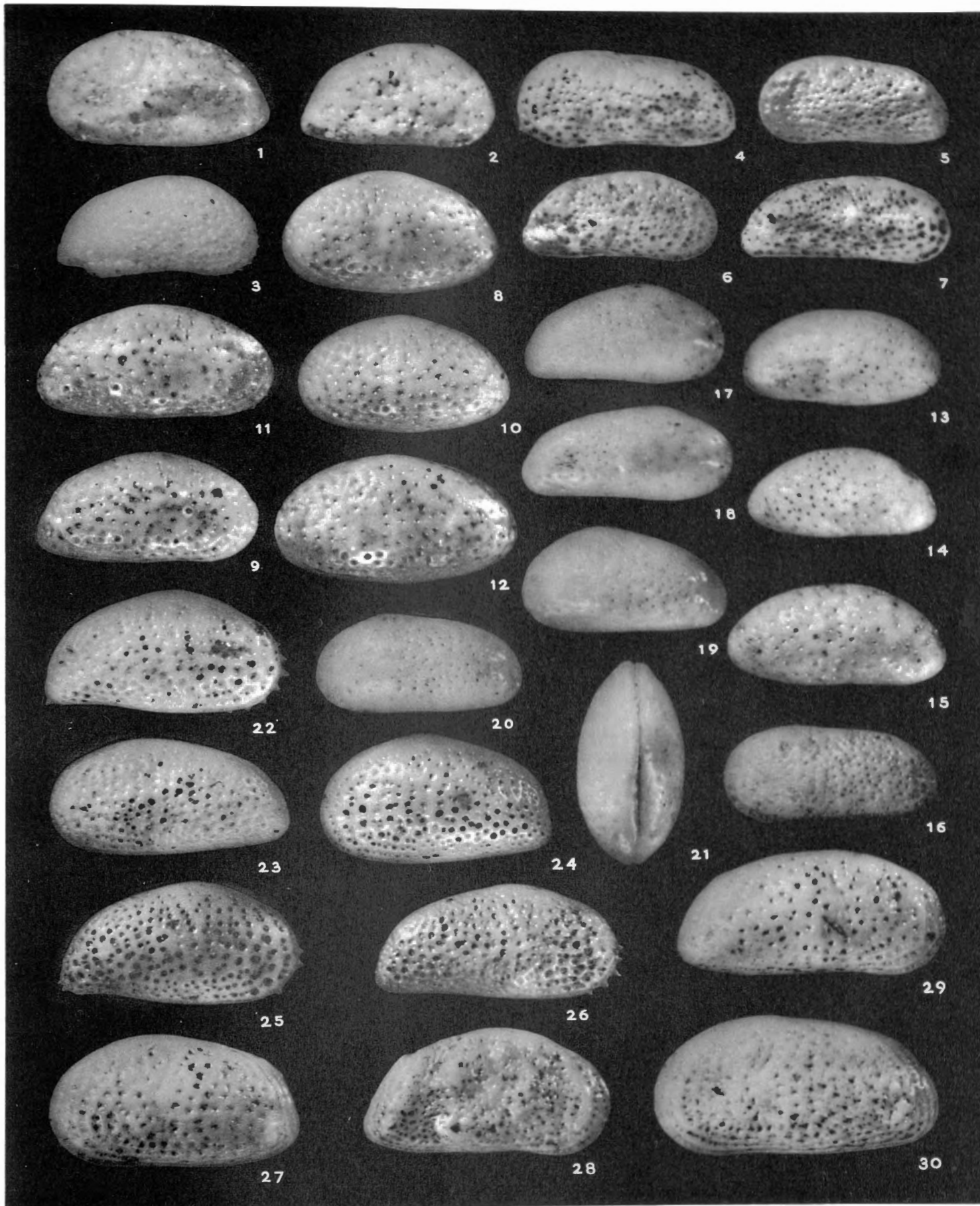


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE III

EXPLANATION OF PLATE III.

	Pages
FIGS. 1-3. — <i>Clithrocytheridea appendiculata</i> APOSTOLESCU	57
1, left valve of ♀; 2, right valve of ♀; Lutetian of Grignon, France. 3, right valve of ♂; (coll. BOSQUET, No. 18 e). 60x.	
FIGS. 4-7. — <i>Clithrocytheridea lerichei</i> n. sp.	58
4, left valve of ♂ (holotype); 5, left valve of ♀; 6, right valve of ♀; 7, right valve of ♂; Lutetian of Paris Basin (coll. BOSQUET, No. 19 b). 60x.	
FIGS. 8-12. — <i>Haplocytheridea henisensis</i> KEIJ	62
8, left valve of ♀ (holotype); 9, right valve of ♀; 10, left valve of ♀; 11, right valve of ♂; 12, left valve of ♂; Upper Tongrian of Tongeren-Henis (TA 579), Belgium. 60x.	
FIGS. 13-15. — <i>Haplocytheridea punctatella</i> (BOSQUET)	63
13, left valve of ♀ (BZ 487); 14 and 15, right valves of ♂ (BZ 485); Rupelian of Kleine-Spouwen, Belgium. 60x.	
FIG. 16. — <i>Cytheridea praesulcata</i> LIENENKLAUS	57
Left valve; Rupelian of Kleine-Spouwen (BZ 486), Belgium. 60x.	
FIGS. 17-21. — <i>Haplocytheridea curvata</i> (LIENENKLAUS)	59
17, right valve of ♀; 18, right valve of ♂; 19, left valve of ♀; 20, left valve of ♂; 21, dorsal view of ♀ carapace; Rupelian of Kleine-Spouwen (BZ 491), Belgium. 60x.	
FIGS. 22-26. — <i>Cytheridea pernota</i> OERTLI and KEIJ	56
22, right valve of ♀ (holotype); 23, left valve of ♂; 24, left valve of ♀; (BZ 487). 25, right valve of ♀; (BZ 486). Rupelian of Kleine-Spouwen, Belgium. 26, right valve of ♂; Upper Tongrian of Tongeren (TA 579), Belgium. 60x.	
FIGS. 27-30. — <i>Haplocytheridea helvetica</i> (LIENENKLAUS)	62
27, left valve of ♀; 28, right valve of ♀; 29, right valve of ♂; 30, left valve of ♂; Upper Tongrian of Oude-Biezen (BZ 520), Belgium. 60x.	

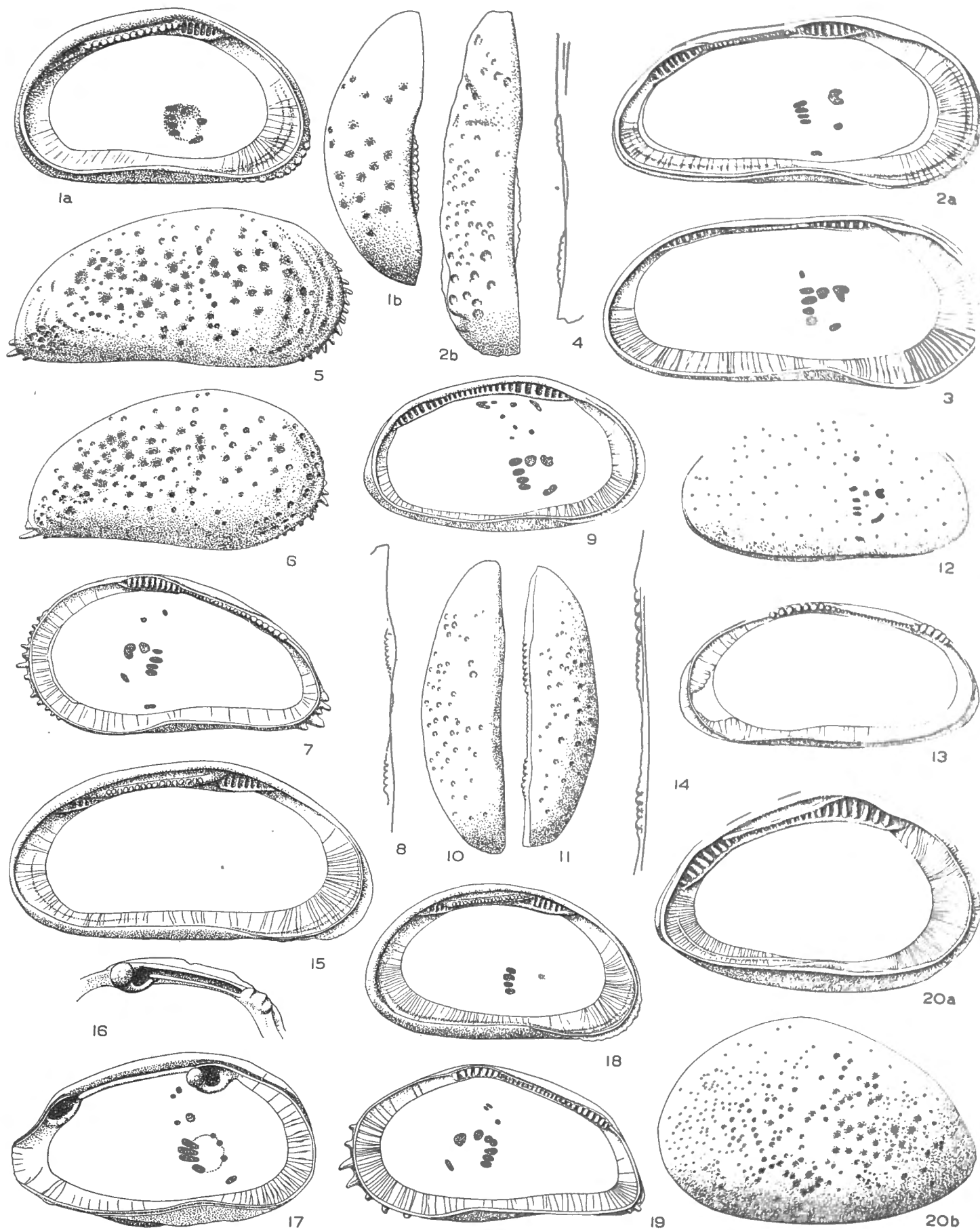


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE IV

EXPLANATION OF PLATE IV.

	Pages
FIG. 1. — <i>Aulocytheridea mourloni</i> n. sp.	66
1 a, interior, and 1 b, dorsal view of ♀ left valve (holotype); Ledian of Balegem (ZG 1025), Belgium. 110×.	
FIG. 2. — <i>Clithrocytheridea lerichei</i> n. sp.	58
2 a, interior, and 2 b, dorsal view of ♀ left valve; Lutetian of Paris Basin (coll. BOSQUET, No. 19 b). 110×.	
FIGS. 3-4. — <i>Cytheridea praesulcata</i> LIENENKLAUS	57
3, interior of left valve; Upper Tongrian of Oude-Biezen (BZ 517). 4, dorsal view of right valve hinge; Upper Tongrian of Tongeren (TA 579), Belgium. 110×.	
FIGS. 5-8. — <i>Cytheridea intermedia</i> (REUSS)	56
5, right valve of ♂; 6, right valve of ♀; 7, interior of ♀ right valve; 8, dorsal view of left valve; Bartonian of Barton (D 6), England. 110×.	
FIGS. 9-11. — <i>Haplocytheridea henisensis</i> KEIJ	62
9, interior of ♀ left valve; Upper Tongrian of Kleine-Spouwen (BZ 546). 10-11, dorsal view of ♂ left and right valve; Upper Tongrian of Tongeren (TA 579), Belgium. 75×.	
FIGS. 12-14. — <i>Haplocytheridea strigulosa</i> (REUSS)	63
12, right side of carapace; 13, interior of right valve (75×); 14, dorsal view of hinge of right valve (110×); Miocene of Aquitaine Basin (coll. BOSQUET, No. 9).	
FIG. 15. — <i>Aulocytheridea diegemensis</i> n. sp.	64
Interior of left valve (holotype); Lutetian of Diegem (BC 117), Belgium. 110×.	
FIGS. 16-17. — <i>Brachycythere ventricosa</i> (BOSQUET)	121
16, hinge of right valve; 17, interior of left valve; Upper Ypresian of Cuise-Lamotte (CAH 1262), France. 75×.	
FIG. 18. — <i>Aulocytheridea punctatella</i> n. sp.	67
Interior of left valve (holotype); Ledian of Bambrugge (ZD 342), Belgium. 110×.	
FIG. 19. — <i>Cytheridea pernota</i> OERTLI and KEIJ	56
Interior of ♀ right valve; Rupelian of Kleine-Spouwen (BZ 493), Belgium. 75×.	
FIG. 20. — <i>Haplocytheridea perforata</i> (ROEMER)	63
20 a, interior, and 20 b, exterior of left valve; Ledian of Bambrugge (ZD), Belgium. 75×.	

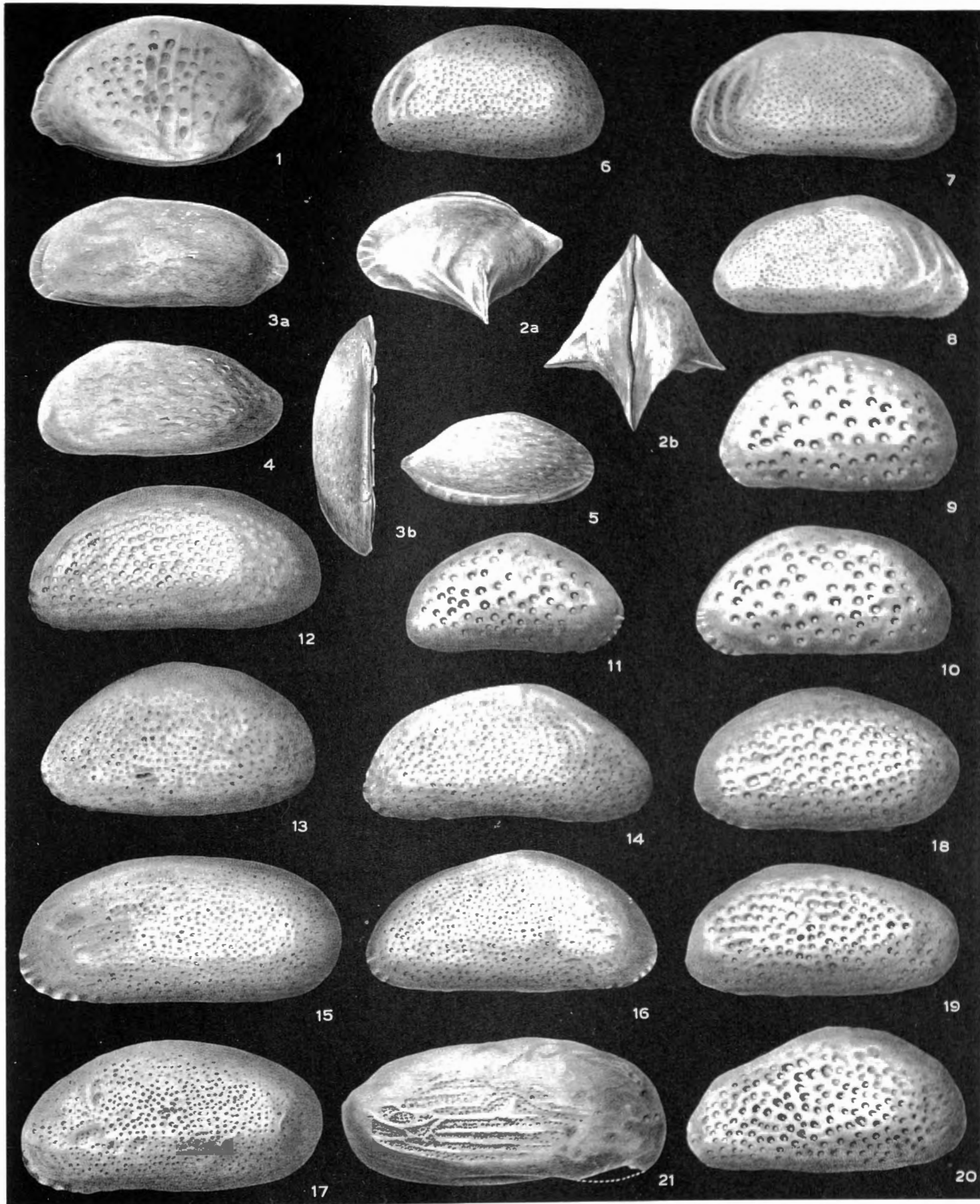


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE V

EXPLANATION OF PLATE V.

	Pages
FIG. 1. — <i>Cytheropteron (Cytheropteron) steinmanni</i> KUIPER Left valve; Rupelian of Boom (MA 651), Belgium. 90x.	149
FIG. 2. — <i>Cytheropteron (Cytheropteron) gulincki</i> n. sp. 2 a, left side, and 2 b, dorsal view of carapace (holotype); Bartonian of Oedelem (BRB 246), Belgium. 90x.	148
FIGS. 3-5. — <i>Cytheropteron (Eocytheropteron) omaliusi</i> n. sp. 3 a, left side, and 3 b, dorsal view of ♂ left valve (holotype); 4, left valve of ♀; 5, right valve of juvenile specimen; Lutetian of Forest (BD 391), Belgium. 90x.	149
FIGS. 6-8. — <i>Aulocytheridea punctatella</i> n. sp. 6, left valve of ♀ (holotype); 7, left valve of ♂; (ZD 342). 8, right valve of ♂ (ZD 1015); Ledian of Bambrugge, Belgium. 90x.	67
FIGS. 9-11. — <i>Aulocytheridea mourloni</i> n. sp. 9, left valve of ♀ (holotype); Ledian of Balem (ZG 1025). 10, left valve of ♂; Ledian of Forest (BD 1258). 11, right valve of ♀; Bartonian of Oedelem (BRB 246), Belgium. 90x.	66
FIGS. 12-14. — <i>Aulocytheridea diegemensis</i> n. sp. 12, left valve of ♂ (holotype); Lutetian of Diegem (BC 117). 13, left valve of ♀; 14, right valve of ♂; Lutetian of Forest (BD 391), Belgium. 90x.	64
FIGS. 15-17. — <i>Haplocytheridea heinzeli</i> n. sp. 15, left valve of ♂ (holotype) (ZD 1011); 16, right valve of ♀ (ZD 1015); Ledian of Bambrugge; 17, left valve of ♀; Ledian of Forest (BD 444), Belgium. 90x.	60
FIGS. 18-20. — <i>Haplocytheridea heizelensis</i> n. sp. 18, left valve of ♀ (holotype); 19, left valve of ♂; Bartonian of Heizel (BS 1259). 20, right valve of ♀; Bartonian of Oedelem (BRB 246), Belgium. 90x.	61
FIG. 21. — <i>Cytheretta tenuipunctata</i> (BOSQUET) Right valve (lectotype); Oligocene of Belgium (coll. BOSQUET, No. 24 c). 60x.	138

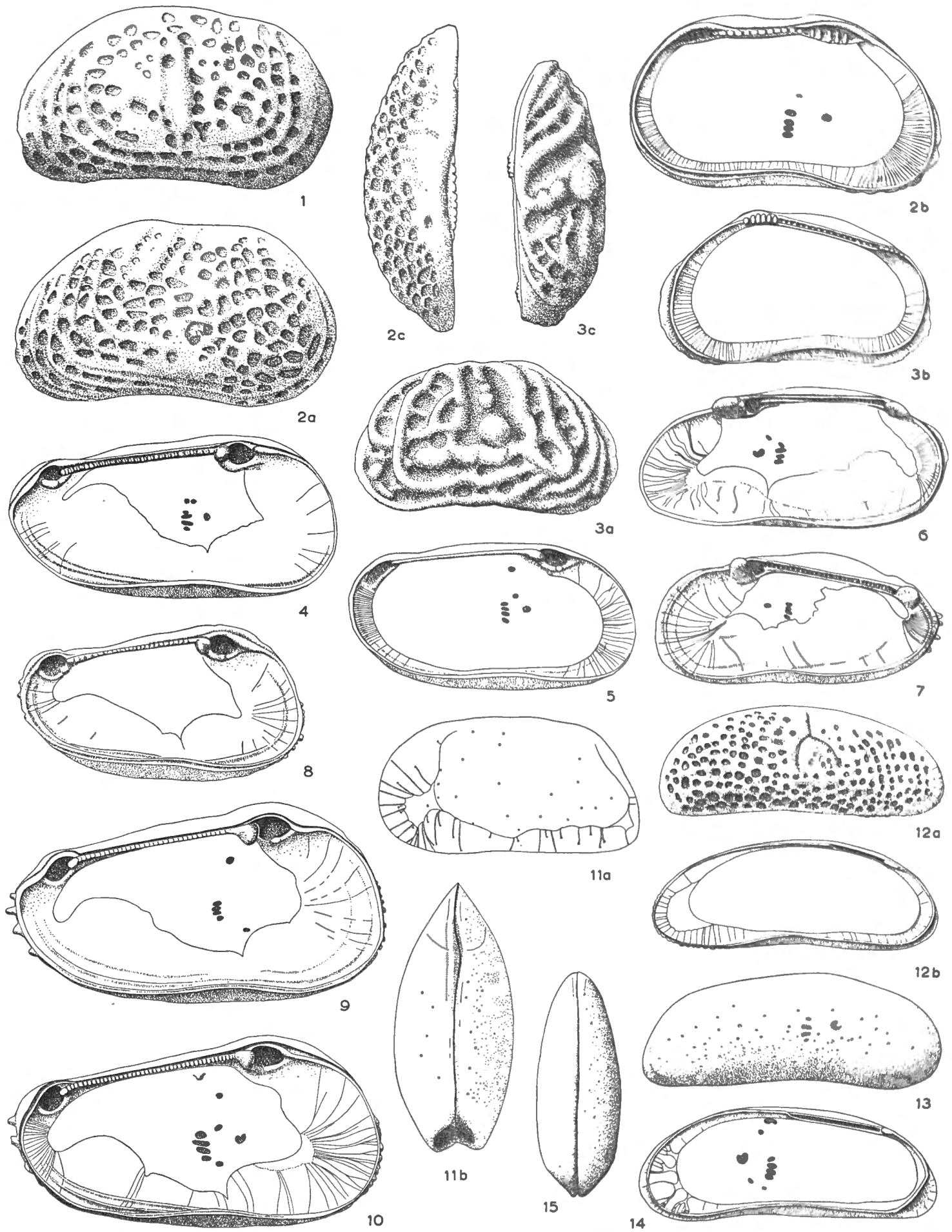


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE VI

EXPLANATION OF PLATE VI.

	Pages
FIGS. 1-2. — <i>Aulocytheridea faboides</i> (BOSQUET)	65
1, left valve (lectotype); Lutetian of Saint-Josse-ten-Noode, Brussels (coll. BOSQUET, No. 23 b). 2 a, exterior, 2 b, interior, and 2 c, dorsal view of left valve; Bartonian of boring Heist-op-den-Berg (121,50 m), Belgium. 130x.	
FIG. 3. — <i>Aulocytheridea tavernieri</i> n. sp.	68
3 a, exterior, 3 b, interior, and 3 c, dorsal view of right valve (holotype); Ledian of Forest (BD 1256), Belgium. 130x.	
FIG. 4. — <i>Cytheretta crassivenia</i> APOSTOLESCU	133
Interior of left valve; Ledian of Balegem (ZG 1025), Belgium. 90x.	
FIG. 5. — <i>Cytheretta tenuipunctata</i> (BOSQUET)	138
Interior of left valve (juvenile); Oligocene of Belgium (coll. BOSQUET, No. 24 c). 60x.	
FIG. 6. — <i>Cytheretta eocaenica</i> n. sp.	134
Interior of right valve (holotype); Lutetian of Grignon (CAB 1002), France. 60x.	
FIG. 7. — <i>Cytheretta haimeana</i> (BOSQUET)	136
Interior of ♀ right valve; Lutetian of Grignon (CAB 1000), France. 90x.	
FIG. 8. — <i>Cytheretta decipiens</i> n. sp.	133
Interior of ♀ left valve; Ledian of Balegem (ZG 1025), Belgium. 90x.	
FIG. 9. — <i>Cytheretta costellata</i> (ROEMER)	132
Interior of ♂ left valve; Ledian of Auvers, France (coll. BOSQUET, No. 25). 90x.	
FIG. 10. — <i>Cytheretta bambrugensis</i> n. sp.	131
Interior of left valve (holotype); Ledian of Bambrugge (ZD 1011), Belgium. 90x.	
FIG. 11. — <i>Krithe pernoides</i> (BORNEMANN)	86
11 a, left valve, and 11 b, dorsal view of carapace; Rupelian of Boom (MA 650), Belgium. 90x.	
FIG. 12. — <i>Hemicytherideis mayeri</i> (HOWE and GARRETT)	83
12 a, exterior, and 12 b, interior of right valve; Ledian of Forest (BD 1258), Belgium. 90x.	
FIGS. 13-15. — <i>Hemicytherideis curvata</i> (BOSQUET)	80
13, right valve, 14, interior of right valve (lectotype); 15, dorsal view of juvenile carapace; Miocene of Aquitaine Basin, France (coll. BOSQUET, No. 16). 60x.	

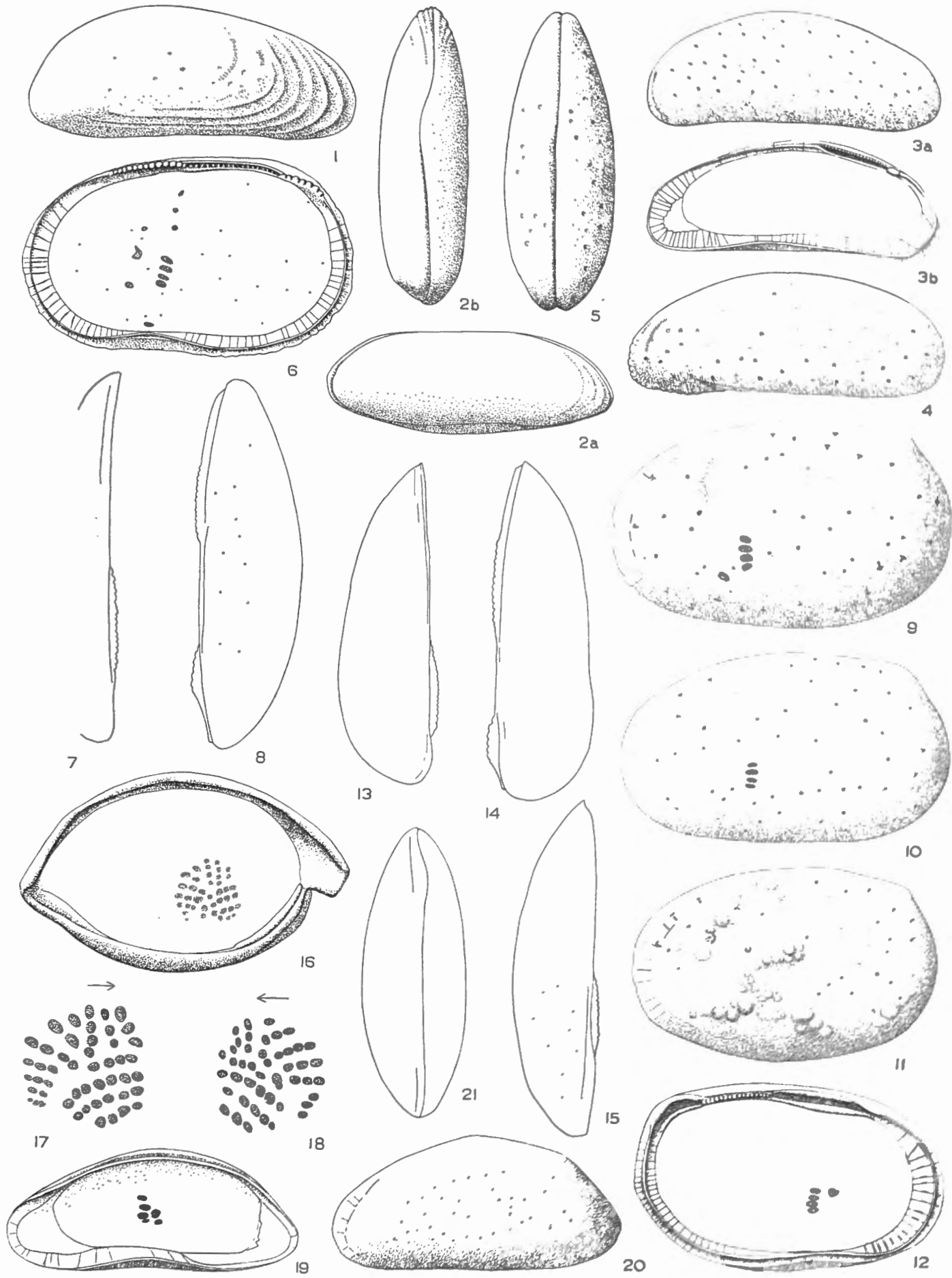


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE VII

EXPLANATION OF PLATE VII.

	Pages
FIG. 1. — <i>Hemicytherideis lithodomoides</i> (BOSQUET)	82
Right valve (lectotype); Oligocene of Berg (coll. BOSQUET, No. 17 c), Belgium. 75x.	
FIG. 2. — <i>Neocytherideis linearis</i> (ROEMER)	83
2 a, right side, and 2 b, dorsal view of carapace; Miocene of Aquitaine Basin, France (coll. BOSQUET, No. 15). 75x.	
FIGS. 3-5. — <i>Hemicytherideis grosjeani</i> n. sp.	81
3 a, exterior, and 3 b, interior of right valve (holotype); Lutetian of Forest (BD 391). 4, left valve (BA 105); 5, dorsal view of carapace (BA 100); Lutetian of Saint-Job, Belgium. 75x.	
FIGS. 6-8. — <i>Cyprideis (Goerlichia) williamsoniana</i> (BOSQUET)	70
6, interior of ♀ right valve; 7, dorsal view of left valve hinge; 8, dorsal view of ♂ right valve; Oligocene of Belgium (coll. BOSQUET, No. 20). 75x.	
FIGS. 9-15. — <i>Cyprideis (Goerlichia) apostolescui</i> n. sp.	72
9, left valve of ♀ (holotype); 10, left valve of ♂; 11, left valve of ♀; 12, interior of left valve; 13-14, dorsal view of ♀ left and right valve; 15, dorsal view of ♂ left valve; Lutetian of Paris Basin (coll. BOSQUET, No. 20 b). 75x.	
FIGS. 16-18. — <i>Cypridina homoedwardsiana</i> (BOSQUET)	43
16, interior of left valve (lectotype), (50x); 17-18, muscle-scar of left and right valve (110x); Lutetian of Paris Basin (coll. BOSQUET, No. 83 b).	
FIGS. 19-21. — <i>Aglaioocypris enigmatica</i> n. sp.	50
19, interior of right valve; 20, left valve (holotype); 21, dorsal view of carapace; Lutetian of Grignon (CAB 1001), France. 80x.	

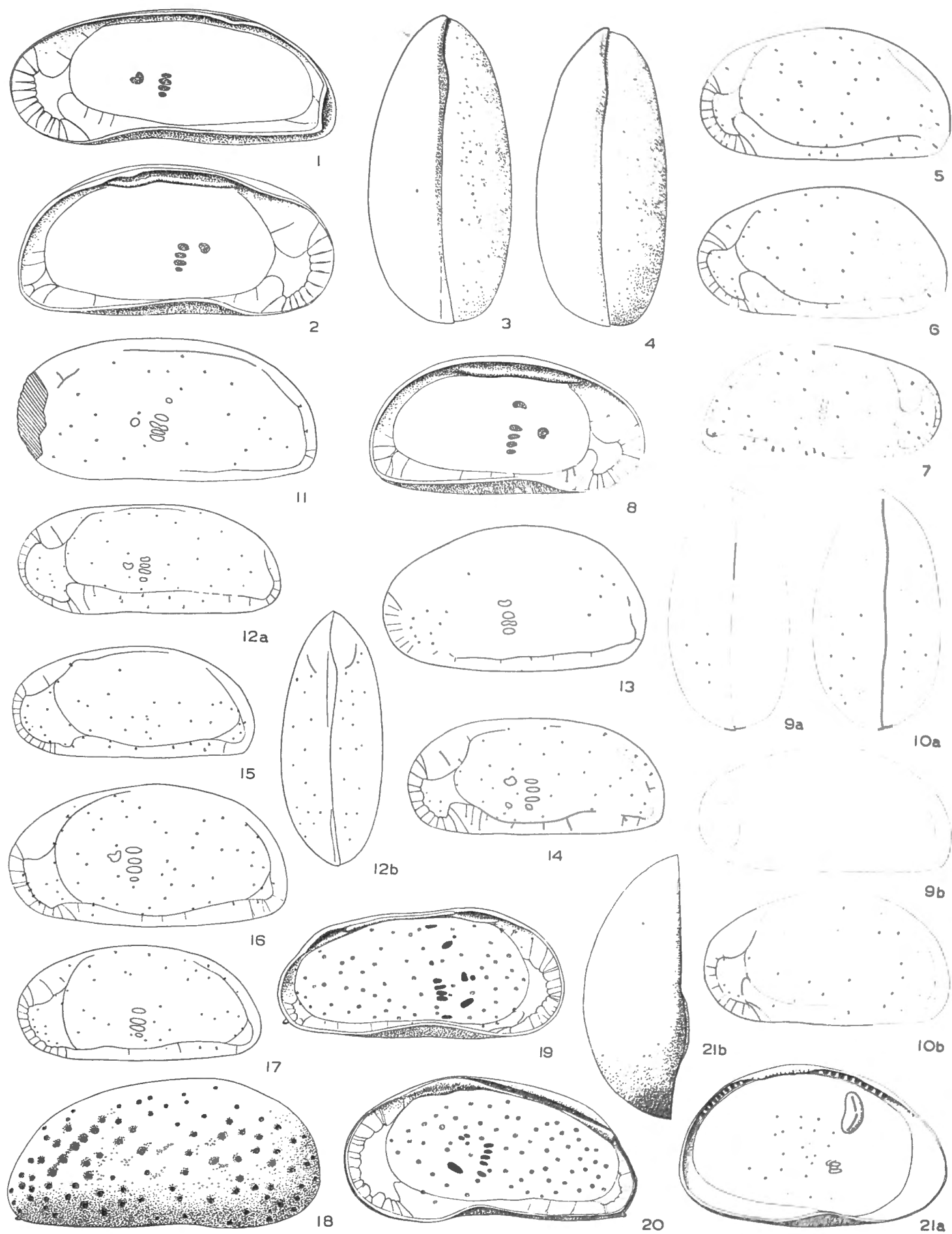


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE VIII

EXPLANATION OF PLATE VIII.

	Pages
FIGS. 1-4. — <i>Krithe papillosa</i> (BOSQUET)	85
1, interior of ♂ right valve (lectotype); 2, interior of ♀ left valve; 3, dorsal view of ♀ carapace; 4, dorsal view of ♂ carapace; Miocene of Aquitaine Basin, France (coll. BOSQUET, No. 19). 75x.	
FIGS. 5-10. — <i>Krithe rutoti</i> n. sp.	86
5, left valve of ♀ (holotype); 6, left valve of ♀; 7, right valve of ♂; Upper Ypresian of Mont-Saint-Aubert (DH 1210). 8, interior of ♀ left valve; Ledian of Bambrugge (ZD). 9 a, dorsal view, and 9 b, left side of ♂ carapace; 10 a, dorsal view, and 10 b, left side of ♀ carapace; Upper Ypresian of Hyon (MMV 80), Belgium. 75x.	
FIGS. 11-17. — <i>Krithe bartonensis</i> (JONES)	85
11, left valve of ♀ carapace; 12 a, left valve, and 12 b, dorsal view of ♂ carapace; Bartonian of Barton (D 1), England. 13, left valve of ♀; 14, left valve of ♂; Bartonian of Heizel (BS 1260), Belgium. 15, left valve of ♂; 16, left valve of ♀; 17, left valve of ♂; Bartonian of Oedelem (BRB 1056), Belgium. 75x.	
FIGS. 18-20. — <i>Paracyprideis rarefistulosa</i> (LIENENKLAUS)	73
18, right valve of ♀ (BZ 486); 19, interior of ♂ left valve; 20, interior of ♀ right valve; Rupelian of Kleine-Spouwen (BZ 487), Belgium. 75x.	
FIG. 21. — <i>Xestoleberis subglobosa</i> (BOSQUET)	166
21 a, interior, and 21 b, dorsal view of left valve (lectotype); Lutetian of Paris Basin (coll. BOSQUET, No. 7 b). 75x.	

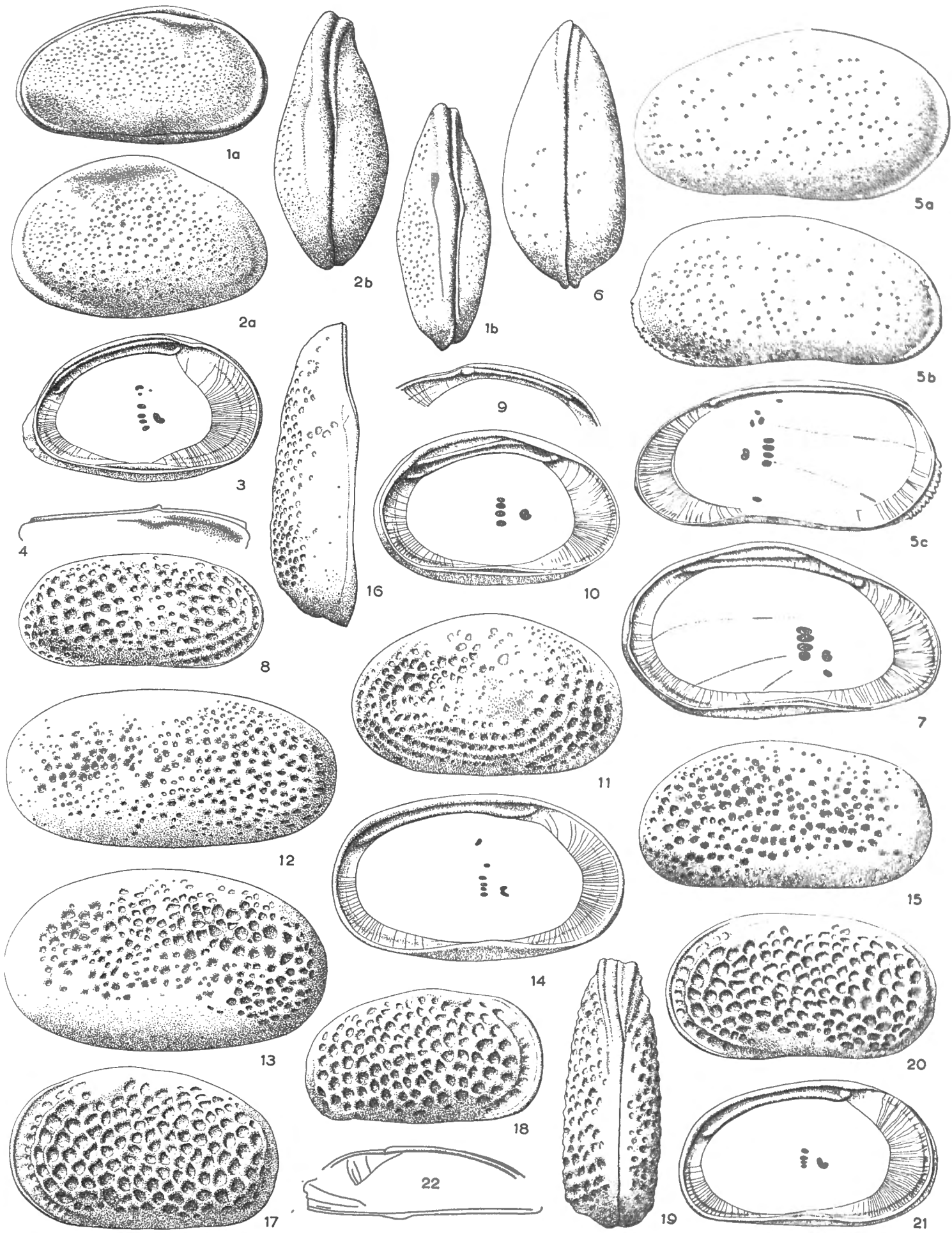


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE IX

EXPLANATION OF PLATE IX.

	Pages
FIGS. 1-4. — <i>Cuneocythere (Monsmirabilia) triebeli</i> n. sp.	79
1 a, right valve, and 1 b, dorsal view of ♂ carapace; 2 a, left valve, and 2 b, dorsal view of ♀ carapace (holotype); Upper Ypresian of Hyon (MMV 80), Belgium. 3, interior of ♀ left valve; 4, dorsal view of right valve hinge; Ledian of Whitecliff bay (D 18), Isle of Wight, England. 90x.	
FIGS. 5-7. — <i>Cuneocythere (Monsmirabilia) oblonga</i> APOSTOLESCU	77
5 a, left valve, 5 b, right valve, 5 c, interior of right valve, both valves belonging to one carapace; 6, dorsal view of carapace; Lutetian of Grignon (CAB 1001), France. 7, interior of left valve; Lutetian of Paris Basin (coll. BOSQUET, No. 6). 60x.	
FIGS. 8-11. — <i>Cuneocythere (Monsmirabilia) foveolata</i> (BOSQUET)	79
8, right valve of ♂; 9, hinge of left valve; Bartonian of Oedelem (BRB 246). 10, interior of ♀ left valve (ZD 340); 11, left valve of ♀; Ledian of Bambrugge (ZD 343), Belgium. 90x.	
FIGS. 12-16. — <i>Cuneocythere (Cuneocythere) lienenklausi</i> n. sp.	74
12, left valve of ♂; 13, left valve of ♀ (holotype) (TE 428); 14, interior of ♀ left valve; 15, right valve of ♀; Rupelian of Kleine-Spouwen (TE 224). 16, dorsal view of ♀ left valve; Rupelian of Kleine-Spouwen (BZ 486), Belgium. 95x.	
FIGS. 17-22. — <i>Cuneocythere (Cuneocythere) marginata</i> (BOSQUET)	75
17, left valve of ♀ (lectotype); 18, right valve of ♀; 19, dorsal view of ♂ carapace; 20, left valve of ♀; Oligocene of Belgium (coll. BOSQUET, No. 12). 21, interior of ♀ left valve; Rupelian of Kleine-Spouwen. 22, lateral and dorsal view of right valve hinge; Rupelian of Bilzen-Katteberg (TK 525), Belgium. 90x.	

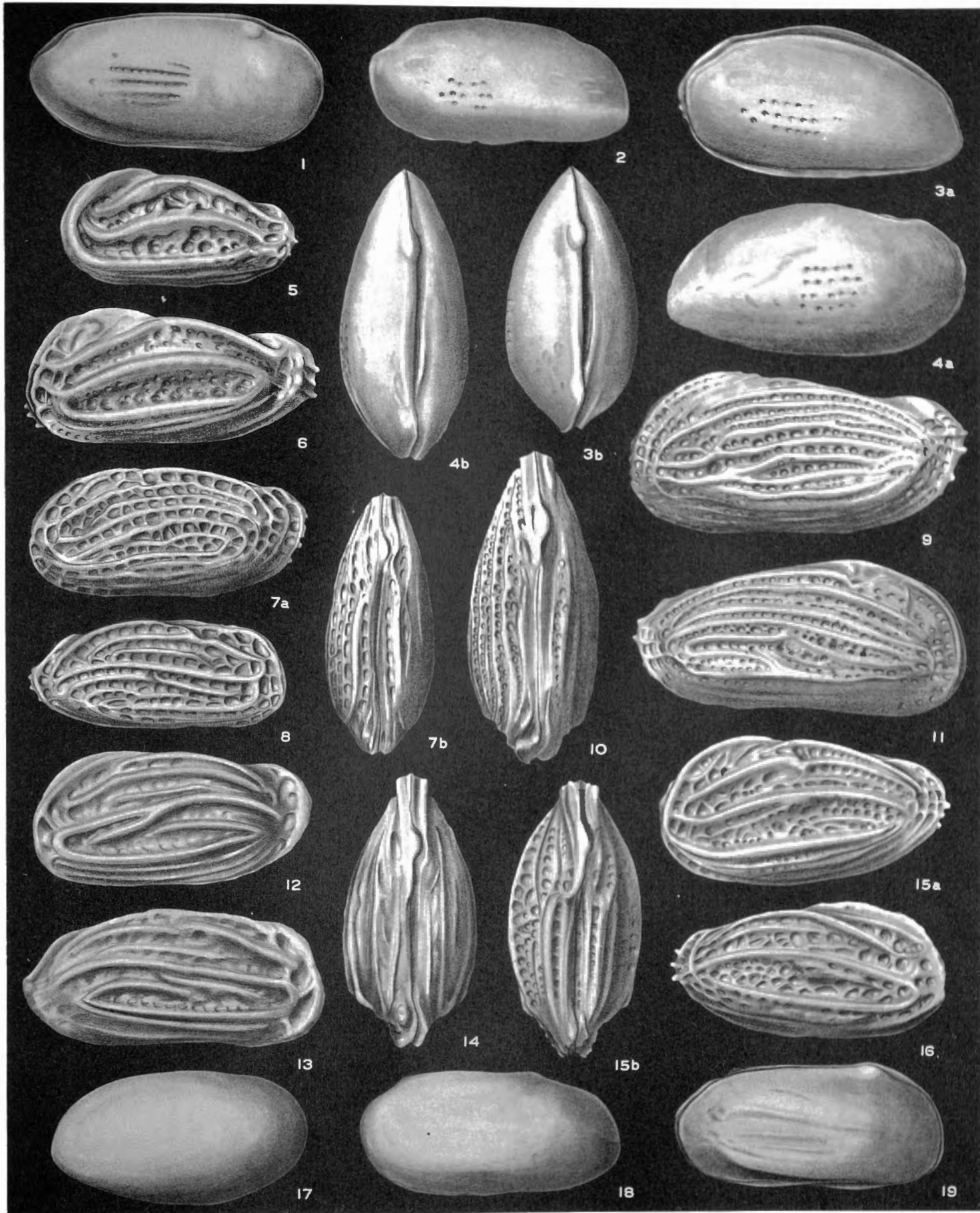


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE X

EXPLANATION OF PLATE X.

	Pages
FIG. 1. — <i>Cytheretta jurinei</i> (VON MÜNSTER) Right valve of ♂ carapace; Miocene of Aquitaine Basin, France (coll. BOSQUET, No. 24). 50x.	137
FIGS. 2-4. — <i>Cytheretta eocaenica</i> n. sp. 2, right valve (holotype); 3 a, right valve, and 3 b, dorsal view of ♀ carapace; 4 a, left side, and 4 b, dorsal view of ♂ carapace; Lutetian of Grignon (CAB 1002), France. 50x.	134
FIG. 5. — <i>Cytheretta gracilicosta</i> (REUSS) Left valve; Bartonian of Barton (D 1), England. 75x.	135
FIG. 6. — <i>Cytheretta concinna</i> TRIEBEL Left valve; Rupelian of Kleine-Spouwen (BZ 488), Belgium. 75x.	132
FIGS. 7-8. — <i>Cytheretta haimeana</i> (BOSQUET) 7a, left side, and 7 b, dorsal view of ♀ carapace (neotype); 8, right valve of ♂; Lutetian of Grignon (CAB 1000), France. 75x.	136
FIGS. 9-11. — <i>Cytheretta bambrugensis</i> n. sp. 9, left valve (holotype); 10, dorsal view of carapace; Ledian of Bambrugge (ZD 1011); 11, right valve; Ledian (?) of boring Heist-op-den-Berg (129 m), Belgium. 75x.	131
FIGS. 12-14. — <i>Cytheretta crassivenia</i> APOSTOLESCU 12, left valve of ♀; Ledian of Balem (ZG 1025). 13, right valve of ♂; Ledian of Bam- brugge (ZD 340). 14, dorsal view of ♀ carapace; Ledian of Forest (BD 1258), Belgium. 75x.	133
FIGS. 15-16. — <i>Cytheretta decipiens</i> n. sp. 15 a, left valve, and 15 b, dorsal view of ♀ carapace; Upper Ypresian of Forest (BD 445). 16, right valve of ♂; Bartonian of boring Brussegem (17,50 m), Belgium. 75x.	133
FIGS. 17-18. — <i>Cytheretta rhenana rhenana</i> TRIEBEL 17, left valve of ♀; 18, right valve of ♂; Miocene of Aquitaine Basin, France (coll. BOSQUET, No. 24). 50x.	138
FIG. 19. — <i>Cytheretta ramosa sublaevis</i> TRIEBEL Right valve of ♂ carapace; Miocene of Aquitaine Basin, France (coll. BOSQUET, No. 24). 50x.	138

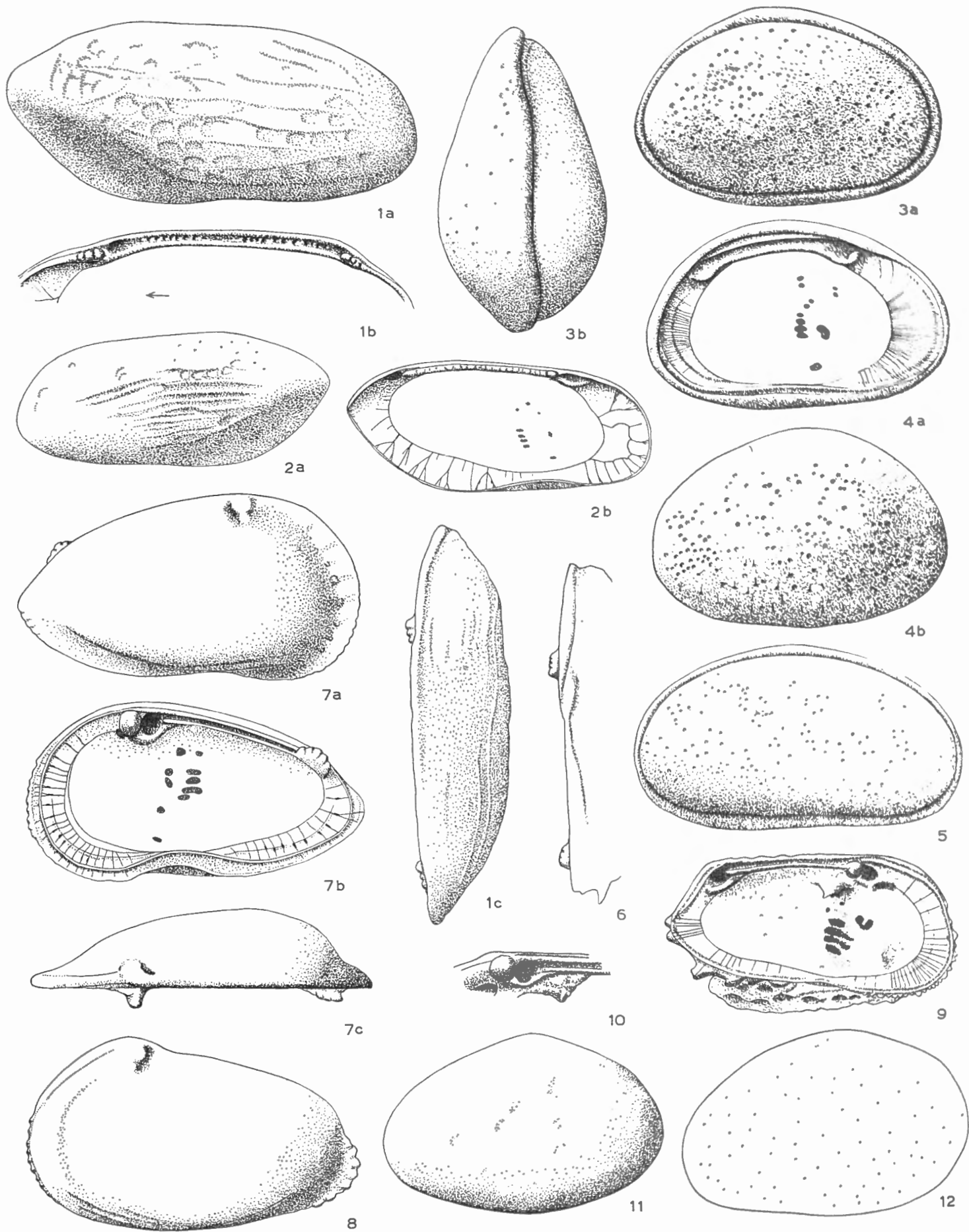


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE XI

EXPLANATION OF PLATE XI.

	Pages
FIGS. 1-2. — <i>Boldella deldenensis</i> n. gen. n. sp.	163
1 a, exterior, 1 b, hinge, and 1 c, dorsal view of right valve (holotype); Bartonian of boring Delden (96-103 m), Netherlands. 2 a, exterior, and 2 b, interior of left valve; Ledian of Meldert (MC 1040), Belgium. 135×.	
FIGS. 3-5. — <i>Cuneocythere (Monsmirabilia) subovata</i> APOSTOLESCU	77
3 a, left side, and 3 b, dorsal view of ♀ carapace (ZD 343); 4 a, interior, and 4 b, exterior of ♀ left valve; Ledian of Bambrugge (ZD 343). 5, right side of ♂ carapace; Ledian of Forest (BD 1258), Belgium. 90×.	
FIG. 6. — <i>Falunia plicatula</i> (REUSS)	114
Dorsal view of right valve hinge; Miocene of Aquitaine Basin, France (coll. BOSQUET, No. 54). 90×.	
FIGS. 7-8. — <i>Brachyocythere nalinnesensis</i> n. sp.	120
7 a, exterior, 7 b, interior, and 7 c, dorsal view of right valve (holotype); 8, left valve; Lutetian of Nalinnes (THB 1189), Belgium. 90×.	
FIGS. 9-10. — <i>Kingmaina forbesiana</i> (BOSQUET)	130
9, interior of left valve (90×); 10, anterior part of right valve hinge (140×); Bartonian of Gent (ZA 1242), Belgium.	
FIG. 11. — <i>Xestoleberis muelleriana</i> LIENENKLAUS	166
Left valve; Rupelian of Steendorp (JJ 619), Belgium 140×.	
FIG. 12. — <i>Xestoleberis</i> sp.	166
Left valve; Pliocene of Perpignan, France (coll. BOSQUET, No. 39). 90×.	

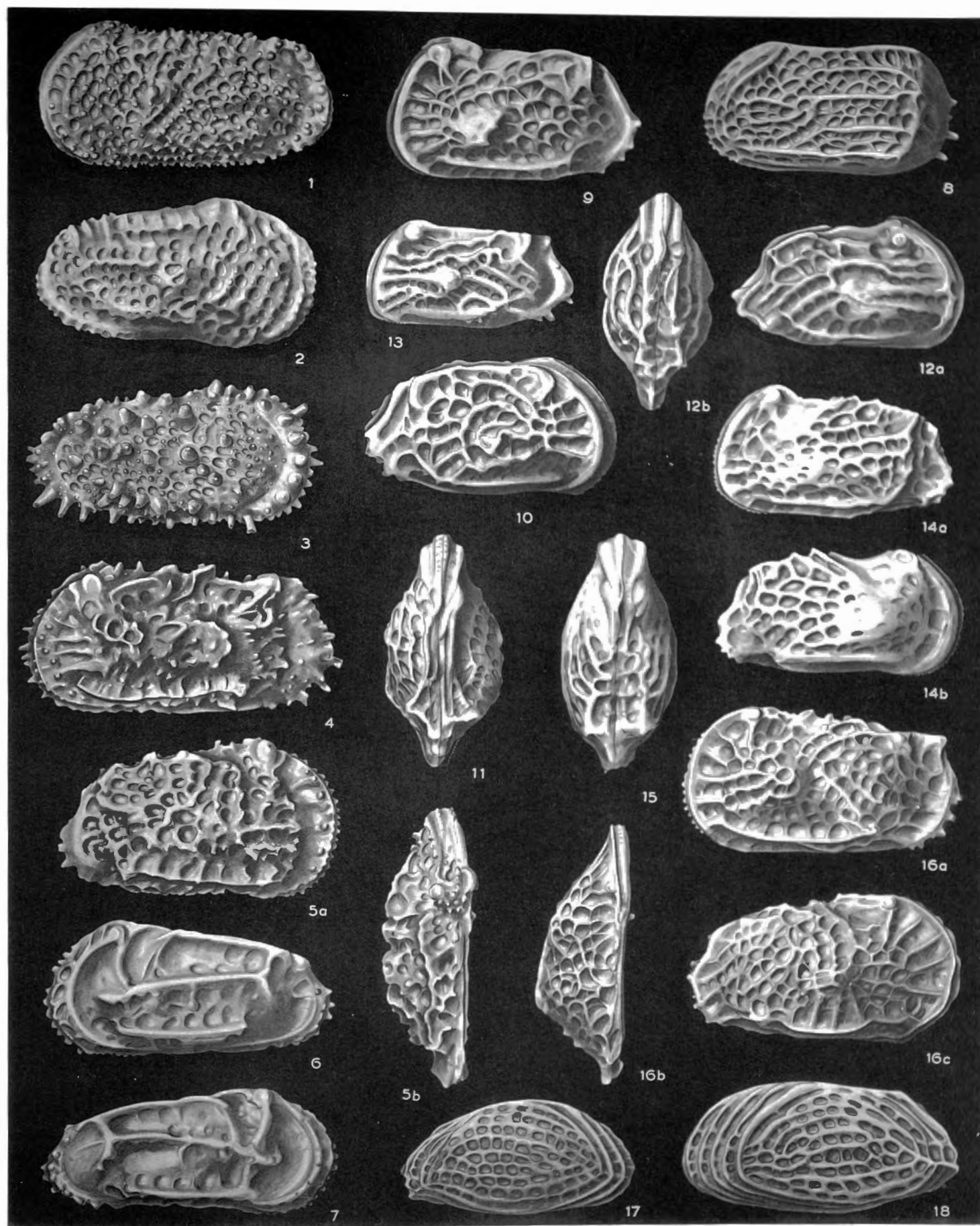


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE XII

EXPLANATION OF PLATE XII.

	Pages
FIGS. 1-2. — <i>Trachyleberis (Trachyleberis) asperrima echinata</i> (REUSS)	91
1, left valve; Rupelian of Hermsdorf, Germany. 2, right valve; Rupelian of Schelle (JM 642), Belgium. 60x.	
FIG. 3. — <i>Trachyleberis (Trachyleberis) spinosa</i> (LIENENKLAUS)	93
Right valve; Rupelian of Boom (MA 372), Belgium. 60x.	
FIGS. 4-5. — <i>Trachyleberis (Trachyleberis) lichenophora</i> (BOSQUET)	92
4, left valve of ♂ (lectotype); Lutetian of Paris Basin (coll. BOSQUET, No. 77). 5 a, lateral view, and 5 b, dorsal view of ♀ right valve; Ledian of Balegem (ZG 1025), Belgium. 60x.	
FIGS. 6-7. — <i>Trachyleberis (Costa) edwardsi</i> (ROEMER)	93
6, left valve of ♀; 7, right valve of ♂; Pliocene of Perpignan, France (coll. BOSQUET, No. 55 c). 60x.	
FIG. 8. — <i>Falunia plicatula</i> (REUSS)	114
Left valve of ♀; Miocene of Aquitaine Basin, France (coll. BOSQUET, No. 54). 60x.	
FIGS. 9-11. — <i>Quadracythere macropora</i> (BOSQUET)	106
9, left valve (lectotype) (coll. BOSQUET, No. 56); 10, right valve; 11, dorsal view of carapace (coll. BOSQUET, No. 57); Oligocene of Paris Basin. 60x.	
FIGS. 12-13. — <i>Quadracythere vermiculata</i> (BOSQUET)	108
12 a, right valve, and 12 b, dorsal view of ♀ carapace (lectotype); Lutetian of Paris Basin (coll. BOSQUET, No. 52). 13, left valve of ♂; Lutetian of Saint-Job (BA 105); Belgium. 60x.	
FIGS. 14-15. — <i>Quadracythere orbignyana</i> (BOSQUET)	107
14 a, left valve, and 14 b, right valve of one carapace (lectotype); 15, dorsal view of carapace; Ledian of Paris Basin (coll. BOSQUET, No. 49). 60x.	
FIG. 16. — <i>Quadracythere angusticostata</i> (BOSQUET)	104
16 a, lateral view, and 16 b, dorsal view of left valve, 16 c, right valve, both of one carapace (lectotype); Lutetian of Parnes, Paris Basin (coll. BOSQUET, No. 53). 60x.	
FIG. 17. — <i>Leguminocythereis scrobiculata</i> (VON MÜNSTER)	126
Right valve; Ledian of Bambrugge (ZD 343), Belgium. 45x	
FIG. 18. — <i>Leguminocythereis striatopunctata</i> (ROEMER)	126
Left valve; Bartonian of boring Heist-op-den-Berg (128 m), Belgium. 45x.	

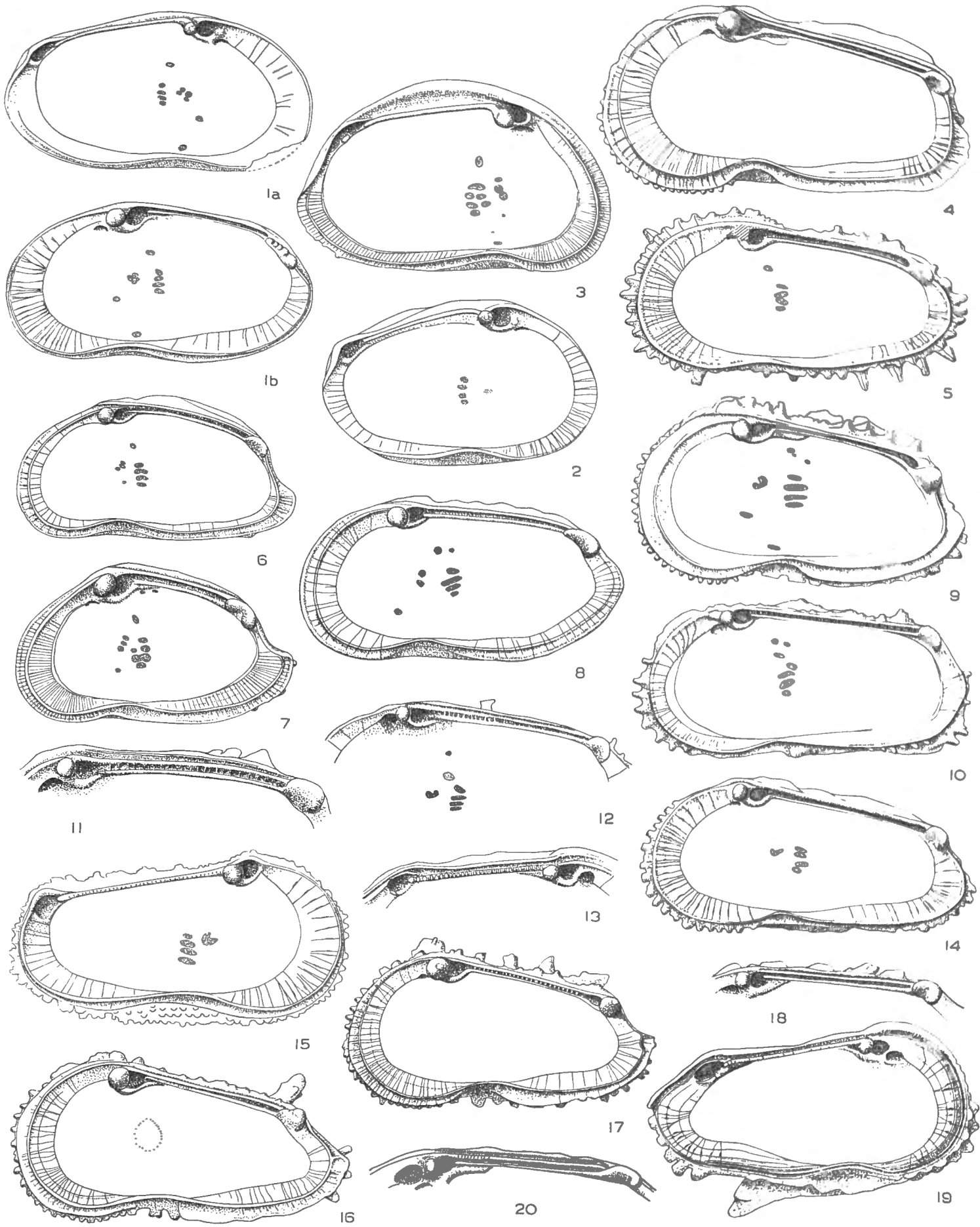


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE XIII

EXPLANATION OF PLATE XIII.

	Pages
FIGS. 1-2. — (?) <i>Leguminocythereis multicostata</i> (BOSQUET)	125
1 a, interior of left valve, 1 b, interior of right valve, both belonging to one ♂ carapace; 2, interior of ♀ left valve (lectotype); Lutetian of Paris Basin (coll. BOSQUET, No. 26 b). 75x.	
FIG. 3. — <i>Aurila cicatricosa</i> (REUSS)	114
Interior of left valve; Pliocene of Perpignan; France (coll. BOSQUET, No. 40). 75x.	
FIG. 4. — <i>Hermanites hebertiana</i> (BOSQUET)	109
Interior of right valve; Oligocene of Paris Basin (coll. BOSQUET, No. 56). 75x.	
FIG. 5. — <i>Trachyleberis (Trachyleberis) spinosa</i> (LIENENKLAUS)	93
Interior of right valve; Rupelian of Boom (MA 372), Belgium. 75x.	
FIG. 6. — <i>Pokornyella limbata</i> (BOSQUET)	116
Interior of right valve; Stampian of Auvers-Saint-Georges (CAD 1004), France. 75x.	
FIG. 7. — <i>Aurila punctata</i> (VON MÜNSTER)	115
Interior of right valve; Pliocene of Perpignan, France (coll. BOSQUET, No. 40). 75x.	
FIG. 8. — <i>Leguminocythereis dumonti</i> n. sp.	123
Interior of right valve; Ledian (?) of boring Heist-op-den-Berg (129,50 m), Belgium. 50x.	
FIG. 9. — <i>Trachyleberis (Trachyleberis) lichenophora</i> (BOSQUET)	92
Interior of right valve; Ledian of Balegem (ZG 1025), Belgium. 75x.	
FIG. 10. — <i>Carinocythereis carinata</i> (ROEMER)	101
Interior of right valve; Pliocene of Perpignan, France (coll. BOSQUET, No. 55 c). 75x.	
FIG. 11. — <i>Pterygocythereis fimbriata bartonensis</i> n. subsp.	95
Hinge of right valve; Bartonian of Barton (D 6), England. 115x.	
FIG. 12. — <i>Pterygocythereis fimbriata fimbriata</i> (VON MÜNSTER)	94
Hinge of right valve; Rupelian of Berg (BZ 553), Belgium. 75x.	
FIG. 13. — <i>Pterygocythereis cornuta</i> (ROEMER)	94
Hinge of left valve; Bartonian of boring Brussegem (25,10 m), Belgium. 75x.	
FIG. 14. — <i>Trachyleberis (Costa) edwardsi</i> (ROEMER)	93
Interior of right valve; Pliocene of Perpignan, France (coll. BOSQUET, No. 55 c). 75x.	
FIG. 15. — <i>Trachyleberis (Trachyleberis) asperrima echinata</i> (REUSS)	91
Interior of left valve; Rupelian of Boom (MA 650), Belgium. 75x.	
FIGS. 16-17. — <i>Trachyleberis (Trachyleberis) aculeata</i> (BOSQUET)	90
16, interior of ♂ right valve; Lutetian of Grignon (CAB 1002), France. 17, interior of ♀ right valve; Upper Ypresian of Hyon (MMV 79), Belgium. 75x.	
FIG. 18. — <i>Pterygocythereis fimbriata spinigera</i> n. subsp.	95
Hinge of left valve; Bartonian of boring Brussegem (17,20 m), Belgium. 75x.	
FIGS. 19-20. — <i>Pterygocythereis tuberosa</i> n. sp.	96
19, interior of left valve; 20, hinge of the right valve; Ledian (?) boring Heist-op-den-Berg (129 m), Belgium.	

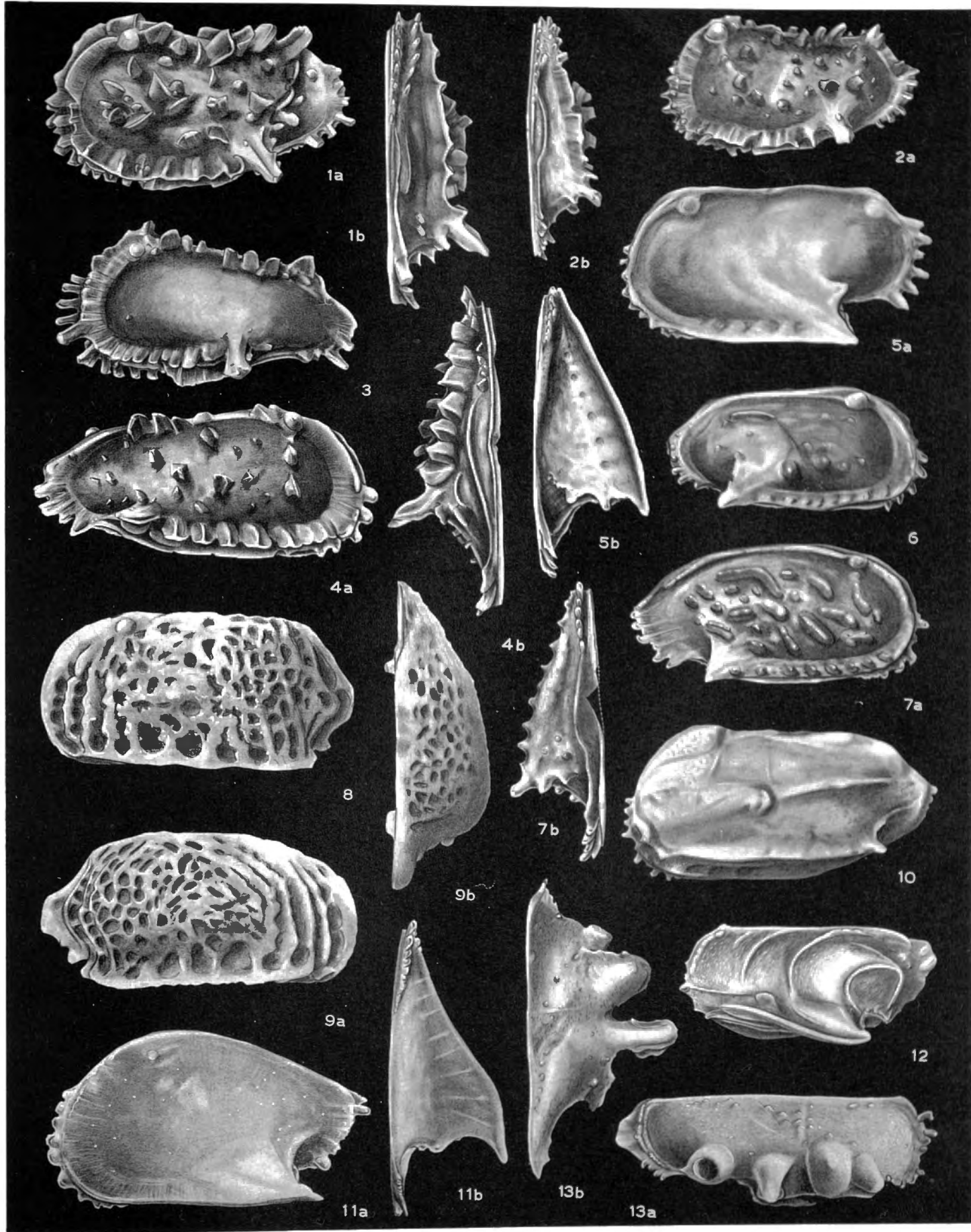


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE XIV

EXPLANATION OF PLATE XIV.

	Pages
FIG. 1. — <i>Pterygocythereis fimbriata spinigera</i> n. subsp.	95
1 a, lateral view, 1 b, ventral view of ♀ left valve (holotype); Upper Ypresian of Mont-Saint-Aubert (DH 1211), Belgium. 60x.	
FIG. 2. — <i>Pterygocythereis fimbriata bartonensis</i> n. subsp.	95
2 a, lateral view, 2 b, ventral view of left valve (holotype); Bartonian of Barton (D 3), England. 60x.	
FIGS. 3-4. — <i>Pterygocythereis fimbriata fimbriata</i> (VON MÜNSTER)	94
3, left valve of juvenile specimen; 4 a, lateral view, and 4 b, ventral view of ♂ right valve; Rupelian of Kleine-Spouwen (TE 224), Belgium. 60x.	
FIG. 5. — <i>Pterygocythereis cornuta</i> (ROEMER)	94
5 a, lateral view, and 5 b, ventral view of ♀ left valve; Ledian of Bambrugge (ZD 343), Belgium. 60x.	
FIGS. 6-7. — <i>Pterygocythereis tuberosa</i> n. sp.	96
6, right valve of juvenile specimen; 7 a, lateral view, and 7 b, ventral view of right valve (holotype); Bartonian of Oedelem (BRB 246), Belgium. 60x.	
FIGS. 8-9. — <i>Kingmaina forbesiana</i> (BOSQUET)	130
8, left valve; Ledian of Forest (BD 1258), Belgium. 9 a, lateral view, and 9 b, dorsal view of right valve (lectotype); Upper Ypresian of Ménéilmontant (Paris), France (coll. BOSQUET, No. 82 b). 90x.	
FIG. 10. — <i>Ruggieria</i> sp.	113
Left valve; Pliocene of Perpignan, France (coll. BOSQUET, No. 70). 60x.	
FIG. 11. — <i>Pterygocythere hilli</i> n. sp.	122
11 a, lateral view, and 11 b, ventral view of ♀ left valve (holotype); Ledian (?) of boring Heist-op-den-Berg (129,50 m), Belgium. 60x.	
FIG. 12. — <i>Monoceratina</i> sp.	165
Left valve; Lutetian of Saint-Job (BA 105), Belgium. 90x.	
FIG. 13. — <i>Monoceratina tricuspidata</i> (JONES and HINDE)	165
13 a, lateral view, and 13 b, dorsal view of right valve; Lutetian of Saint-Job (BA 105), Belgium. 90x.	

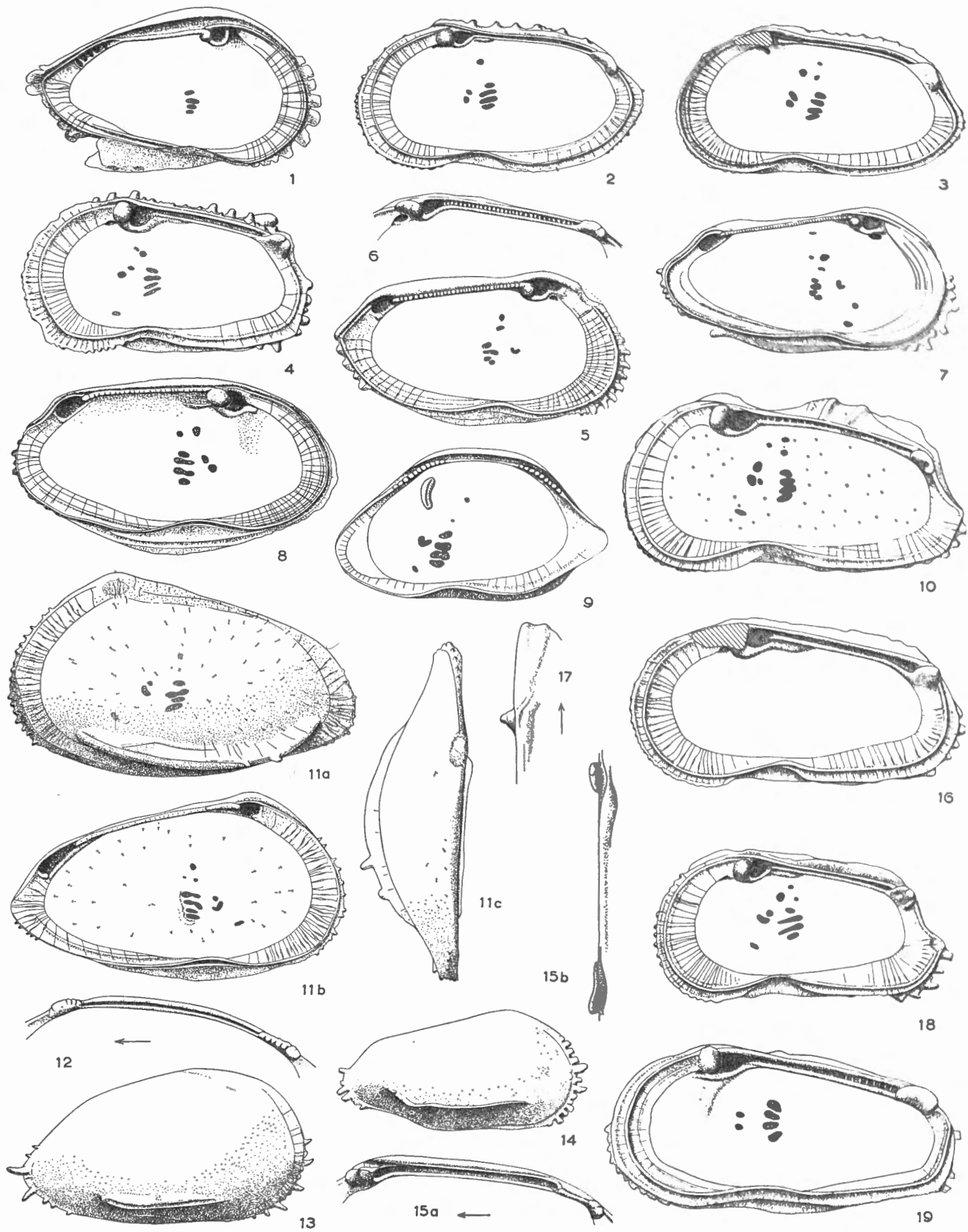


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE XV

EXPLANATION OF PLATE XV.

	Pages
FIG. 1. — <i>Pterygocythere hilli</i> n. sp. Interior of ♀ left valve (holotype); Ledian (?) of boring Heist-op-den-Berg (129,50 m), Belgium. 60×.	122
FIG. 2. — <i>Echinocythereis scabra</i> (VON MÜNSTER) Interior of right valve; Ledian (?) of boring Heist-op-den-Berg (129,50 m), Belgium. 60×.	104
FIG. 3. — <i>Echinocythereis hispida</i> (SPEYER) Interior of right valve; Rupelian of Kleine-Spcuwen (BZ 493), Belgium. 60×.	103
FIG. 4. — <i>Hirsutocythere horrescens</i> (BOSQUET) Interior of right valve; Lutetian of Grignon (CAB.1002), France. 90×.	101
FIGS. 5-6. — <i>Ruggieria micheliniana</i> (BOSQUET) 5, interior of ♀ left valve, 6, hinge of ♂ right valve; Burdigalian of Moulin de Brisson, Aquitaine Basin, France. 60×.	112
FIG. 7. — <i>Ruggieria</i> sp. Interior of left valve; Pliocene of Perpignan, France (coll. BOSQUET, No. 70). 60×.	113
FIG. 8. — <i>Leguminocythereis striatopunctata</i> (ROEMER) Interior of ♀ left valve; Ledian of Meldert (MC 1040), Belgium. 60×.	126
FIG. 9. — <i>Microxestoleberis parnensis</i> (APOSTOLESCU) Interior of right valve; Lutetian of Grignon (CAB 1002), France. 90×.	167
FIG. 10. — <i>Quadracythere orbignyana</i> (BOSQUET) Interior of right valve (lectotype); Ledian of Paris Basin (coll. BOSQUET, No. 49). 90×.	107
FIGS. 11-14. — <i>Bosquetina pectinata</i> (BOSQUET) 11 a, lateral view, 11 b, interior, 11 c, dorsal view of left valve (lectotype); 12, hinge of right valve; 13 and 14, right valves of juvenile specimens; Pliocene of Perpignan (coll. BOSQUET, No. 70). 60×.	118
FIG. 15. — <i>Bosquetina dentata</i> , KUIPER (non MÜLLER) 15 a, lateral view, and 15 b, dorsal view of hinge of right valve; Oligocene of boring Sevenum (100-250 m), Netherlands. 60×.	118
FIGS. 16-17. — (?) <i>Bradleya cornueliana</i> (BOSQUET) 16, interior of right valve; Upper Ypresian of Hyon (MMV 79), Belgium. 17, dorsal view of anterior tooth of right valve (coll. BOSQUET, No. 51). 60×.	98
FIG. 18. — <i>Bradleya approximata</i> (BOSQUET) Interior of right valve; Lutetian of Paris Basin (coll. BOSQUET, No. 50). 60×.	97
FIG. 19. — <i>Leguminocythereis genappensis</i> n. sp. Interior of right valve; Lutetian of Braine-l'Alleud (NC 405), Belgium. 90×.	124

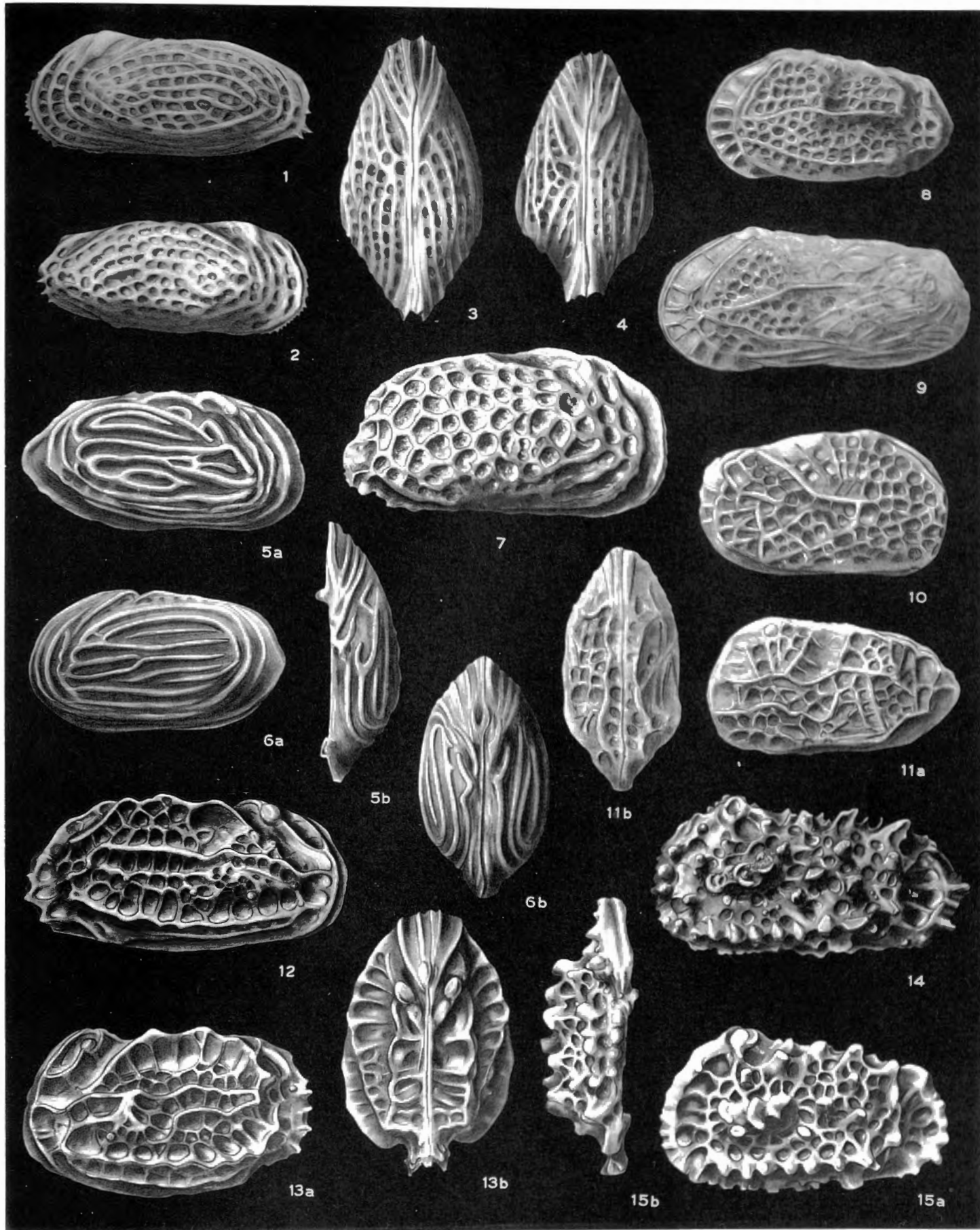


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE XVI

EXPLANATION OF PLATE XVI.

	Pages
FIGS. 1-4. — <i>Leguminocythereis genappensis</i> n. sp.	124
1, left valve of ♂ (holotype); Lutetian of Genappe (ND 411), 2, right valve of ♀; Lutetian of Braine-l'Alleud (NC 405); 3, dorsal view of ♂ carapace; 4, dorsal view of ♀ carapace; Lutetian of Saint-Job (BA 102), Belgium. 60×.	
FIGS. 5-6. — <i>Leguminocythereis dumonti</i> n. sp.	123
5 a, lateral view, and 5 b, dorsal view of right valve of ♂ (holotype) (129,50 m); 6 a, left side, and 6 b, dorsal view of ♀ carapace, (129 m); Ledian (?), boring Heist-op-den-Berg, Belgium. 60×.	
FIG. 7. — <i>Urocythereis favosa</i> (ROEMER)	116
Right valve of ♂; Pliocene of Perpignan, France (coll. BOSQUET, No. 34). 60×.	
FIGS. 8-9. — <i>Cytheromorpha zinndorfi</i> (LIENENKLAUS)	89
8, left valve of ♀; 9, left valve of ♂; Upper Tongrian of Berg (BZ 540), Belgium. 140×.	
FIGS. 10-11. — <i>Cytheromorpha brabantica</i> n. sp.	88
10, right valve of ♀ (holotype); 11 a, left side, and 11 b, dorsal view of ♂ carapace; Ledian of Forest (BD 1257), Belgium. 140×.	
FIGS. 12-13. — <i>Bradleya kaasschieteri</i> n. sp.	99
12, right valve of ♂ (holotype); Ledian of Bambrugge (ZD 343). 13 a, left side, and 13 b, dorsal view of ♀ carapace; Ledian (?) of boring Heist-op-den-Berg (129 m), Belgium. 60×.	
FIGS. 14-15. — <i>Trachyleberis (Trachyleberis) aculeata</i> (BOSQUET)	90
14, left valve of ♂; Upper Ypresian of Cuise-Lamotte (CAH 1262). 15 a, lateral view, and 15 b, dorsal view of ♀ left valve (lectotype); Lutetian of Paris Basin, France (coll. BOSQUET, No. 65 b). 60×.	



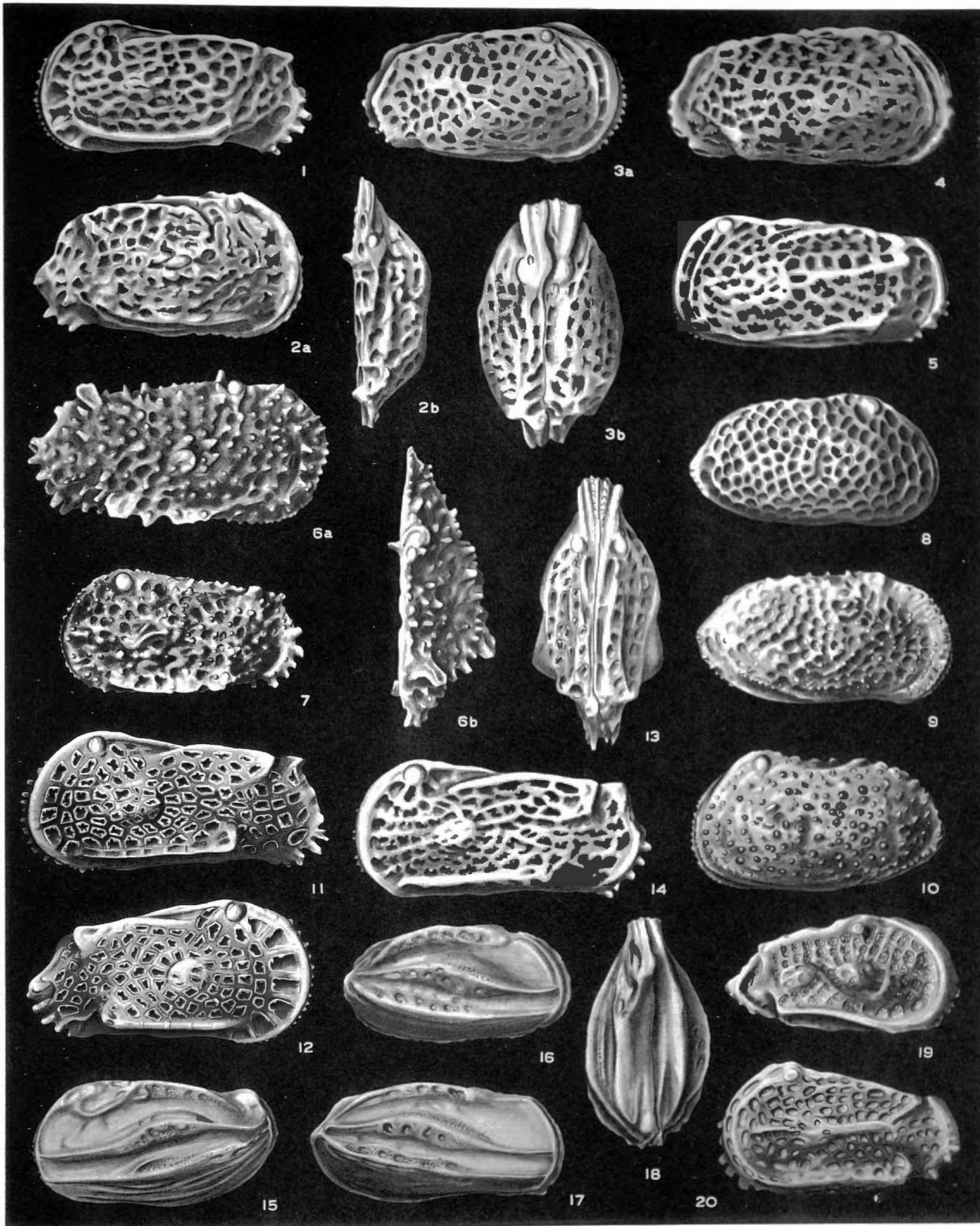
A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

Phototypie A. Dohmen, Bruxelles

PLATE XVII

EXPLANATION OF PLATE XVII.

	Pages
FIGS. 1-2. — <i>Bradleya approximata</i> (BOSQUET)	97
1, left valve of ♂; 2 a, lateral view, and 2 b, dorsal view of ♀ right valve (lectotype); Lutetian of Paris Basin, France (coll. BOSQUET, No. 50). 50x.	
FIGS. 3-5. — (?) <i>Bradleya cornueliana</i> (BOSQUET)	98
3 a, right valve, and 3 b, dorsal view of ♀ carapace; Upper Ypresian of Cuise-Lamotte (CAH 1262), France. 4, right valve of ♂; Upper Ypresian of Hyon (MMV 80), Belgium. 5, left valve of ♂ (lectotype); Upper Ypresian of Cuise-Lamotte, France (coll. BOSQUET, No. 51). 50x.	
FIGS. 6-7. — <i>Hirsutocythere horrescens</i> (BOSQUET)	101
6 a, lateral view, and 6 b, dorsal view of right valve (lectotype); Lutetian of Paris Basin (coll. BOSQUET, No. 74 b). 7, left valve; Lutetian of Diegem (BC 117), Belgium. 75x.	
FIG. 8. — <i>Echinocythereis hispida</i> (SPEYER)	103
Right valve; Rupelian of Kleine-Spouwen (BZ 493), Belgium. 75x.	
FIGS. 9-10. — <i>Echinocythereis scabra</i> (VON MÜNSTER)	104
9, right valve; Ledian (?) of boring Heist-op-den-Berg (129,50 m), Belgium. 10, left valve; Miocene of Aquitaine Basin, France (coll. BOSQUET, No. 62). 50x.	
FIGS. 11-14. — <i>Hermanites paijenborchiana</i> n. sp.	110
11, left valve of ♂ (holotype); 12, right valve of ♀; 13, dorsal view of ♀ carapace; Lutetian of Grignon (CAB 1000, 1002), France. 14, left valve of ♂; Lutetian of Nalinnes (THB 1190), Belgium. 75x.	
FIGS. 15-18. — <i>Cytheretta laticosta</i> (REUSS)	137
15, left valve of ♀; 16, right valve of ♀; 17, right valve of ♂; 18, dorsal view of ♀ carapace; Bartonian of Barton (D 6), England. 50x.	
FIG. 19. — <i>Trachyleberidea prestwichiana</i> (JONES and SHERBORN)	103
Right valve; Ypresian of Gobertange (CO 1241), Belgium. 75x.	
FIG. 20. — <i>Trachyleberidea aranea</i> (JONES and SHERBORN)	102
Left valve; Upper Ypresian of Mont-Saint-Aubert (DH 1211), Belgium. 75x.	

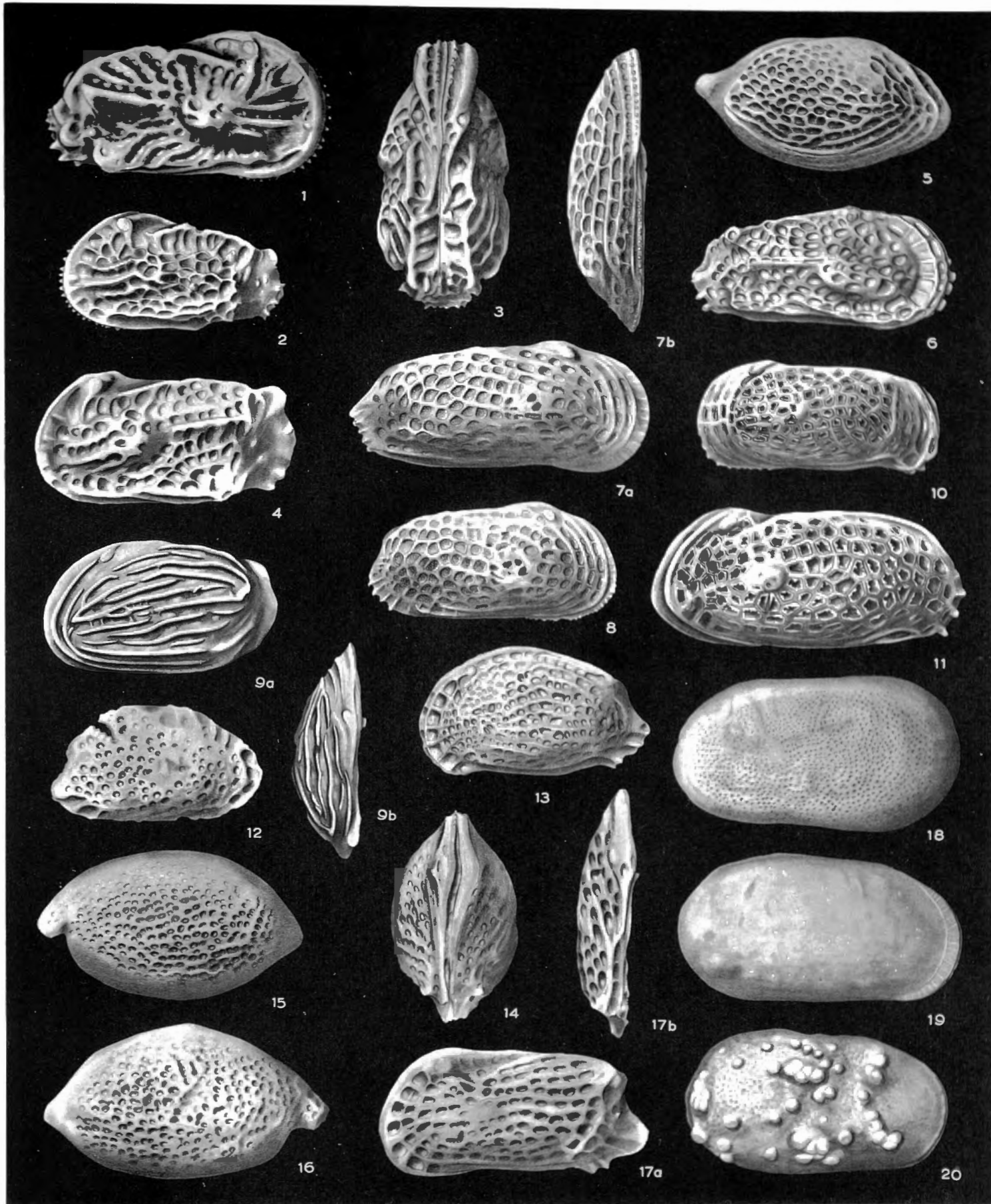


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE XVIII

EXPLANATION OF PLATE XVIII.

	Pages
FIGS. 1-4. — <i>Hermanites hebertiana</i> (BOSQUET)	109
1, right valve (lectotype); 2, left valve (juvenile); 3, dorsal view of carapace; Oligocene of Paris Basin (coll. BOSQUET, No 56). 4, left valve; Rupelian of Kleine-Spouwen (BZ 486), Belgium. 60x.	
FIG. 5. — <i>Cytheropteron</i> aff. <i>C. fiski</i> HOWE and LAW	150
Right valve; Bartonian of Heizel (BS 1260), Belgium. 60x.	
FIG. 6. — <i>Trachyleberidea hollandica</i> (KUIPER)	103
Right valve; Rupelian of Boom (MA 649), Belgium. 60x.	
FIGS. 7-8. — <i>Triginglymus heistensis</i> n. sp.	127
7 a, lateral view, and 7 b, ventral view of ♂ right valve; 8, right valve of ♀ (holotype); Ledian (?) of boring Heist-op-den-Berg (129 m), Belgium. 60x.	
FIG. 9. — (?) <i>Leguminocythereis multicosata</i> (BOSQUET)	125
9 a, lateral view, and 9 b, dorsal view of left valve (lectotype); Lutetian of Paris Basin (coll. BOSQUET, No. 26 b). 60x.	
FIG. 10. — <i>Triginglymus angulatopora</i> (REUSS)	127
Left valve of ♂; Bartonian of Heizel (BS 1260), Belgium. 60x.	
FIG. 11. — <i>Bradleya bosquetiana</i> (JONES and SHERBORN)	98
Left valve of ♂; Ledian (?) of boring Heist-op-den-Berg (129,50 m), Belgium. 60x.	
FIGS. 12-14. — <i>Pokornyella limbata</i> (BOSQUET)	116
12, right valve (lectotype); Oligocene of Paris Basin (coll. BOSQUET, No. 42). 13, left valve; 14, dorsal view of carapace; Stampian of Auvers-Saint-Georges (CAD 1004), France. 60x.	
FIGS. 15-16. — <i>Cypridina homoedwardsiana</i> (BOSQUET)	43
15, left valve (lectotype); Lutetian of Paris Basin (coll. BOSQUET, No. 83 b). 16, right valve; Lutetian of Grignon (CAB 1002), France. 40x.	
FIG. 17. — (?) <i>Urocythereis bidentata</i> (BOSQUET)	115
17 a, lateral view, and 17 b, dorsal view of left valve (lectotype); Miocene of Dax, Aquitaine Basin, France (coll. BOSQUET, No. 37). 60x.	
FIGS. 18-20. — <i>Cyprideis (Goerlichia) williamsoniana</i> (BOSQUET)	70
18, left valve of ♂ (lectotype); 19, right valve of ♂; 20, right valve of ♀; Oligocene of Belgium (coll. BOSQUET, No. 20). 60x.	



A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

Phototypie A. Dohmen, Bruxelles

PLATE XIX

EXPLANATION OF PLATE XIX.

	Pages
FIGS. 1-2. — <i>Quadracythere macropora</i> (BOSQUET)	106
1, interior of left valve; Stampian of Auvers-Saint-Georges (CAD 1004), France. 2, interior of right valve; Oligocene of Paris Basin (coll. BOSQUET, No. 56). 75x.	
FIGS. 3-4. — <i>Triginglymus heistensis</i> n. sp.	127
3, interior of right valve (holotype); 4, hinge and muscle-scar of left valve; Ledian (?) of boring Heist-op-den-Berg (129 m), Belgium. 75x.	
FIG. 5. — <i>Paracytheridea (Paracytheridea) brusselensis</i> n. sp.	158
Interior of right valve; Lutetian of Saint-Job (BA 105), Belgium. 115x.	
FIG. 6. — <i>Quadracythere lamarckiana</i> (BOSQUET)	105
Interior of right valve (lectotype); Lutetian of Paris Basin (coll. BOSQUET, No 36). 115x.	
FIG. 7. — <i>Triginglymus angulatopora</i> (REUSS)	127
Hinge and muscle-scar of right valve; Ledian (?) of boring Heist-op-den-Berg (129 m), Belgium. 75x.	
FIGS. 8-9. — <i>Bradleya bosquetiana</i> (JONES and SHERBORN)	98
8, hinge and muscle-scar of right valve; Ledian of Bambrugge. 9, interior of ♂ left valve; Ledian (?) of boring Heist-op-den-Berg (129,50 m), Belgium. 75x.	
FIG. 10. — <i>Triginglymus neauphlensis</i> APOSTOLESCU	129
Hinge and muscle-scar of right valve; Lutetian of Grignon (CAB 1001), France. 75x.	
FIG. 11. — <i>Paracytheridea (Paracytheridea) grignonensis</i> n. sp.	161
Interior of left valve (holotype); Lutetian of Grignon (CAB 1001), France. 115x.	
FIG. 12. — <i>Quadracythere angusticostata</i> (BOSQUET)	104
Interior of ♀ right valve; Lutetian of Paris Basin (coll. BOSQUET, No. 50). 75x.	
FIGS. 13-14. — <i>Bradleya kaasschieteri</i> n. sp.	99
13, hinge of right valve; 14, interior of ♂ left valve (holotype); Ledian of Bambrugge (ZD 343), Belgium. 75x.	
FIG. 15. — <i>Trachyleberidea aranea</i> (JONES and SHERBORN)	102
Interior of left valve; Bartonian of boring Delden (96-103 m), Netherlands. 115x.	
FIG. 16. — <i>Leguminocythereis scrobiculata</i> (VON MÜNSTER)	126
Hinge of right valve; Ledian of Bambrugge (ZD 343), Belgium. 75x.	
FIGS. 17-18. — <i>Urocythereis favosa</i> (ROEMER)	116
17, interior of right valve; 18, dorsal view of right and left valve hinges; Pliocene of Perpignan, France (coll. BOSQUET, No. 34). 75x.	
FIG. 19. — <i>Quadracythere vermiculata</i> (BOSQUET)	108
Interior of ♂ right valve; Lutetian of Saint-Job (BA 104), Belgium. 115x.	

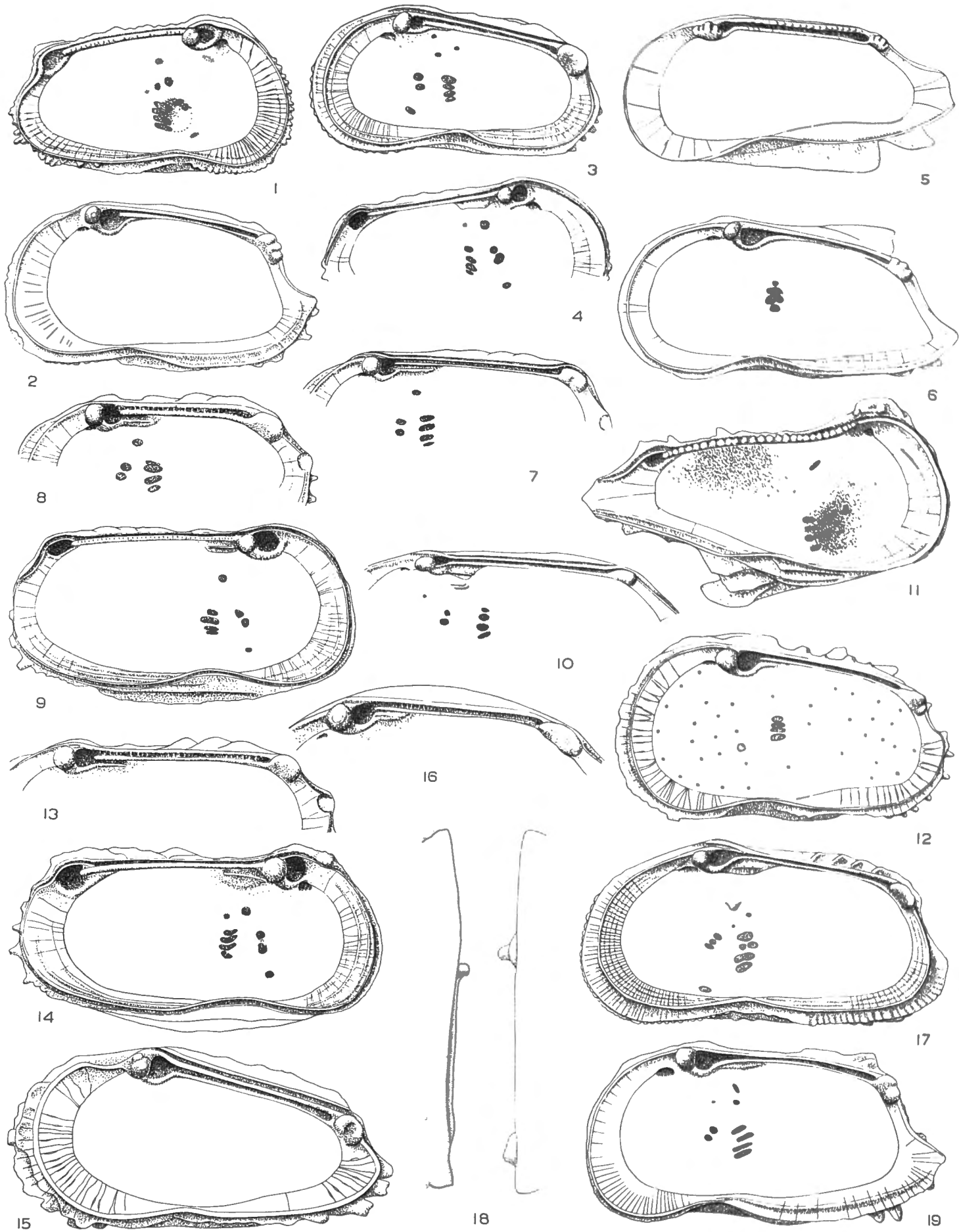


PLATE XX

EXPLANATION OF PLATE XX.

	Pages
FIGS. 1-3. — <i>Ruggieria micheliniana</i> (BOSQUET)	112
1, left valve of ♀; 2, right valve of ♂; Burdigalian of Moulin de Brisson, Aquitaine Basin. 3, right valve (lectotype); Miocene of Dax (coll. BOSQUET, No. 68), Aquitaine Basin, France. 60×.	
FIG. 4. — <i>Triginglymus neauphlensis</i> APOSTOLESCU	129
Right valve; Lutetian of Grignon (CAB 1001), France. 60×.	
FIGS. 5-6. — <i>Bruchycythere ventricosa</i> (BOSQUET)	121
5 a, side view, and 5 b, dorsal view of left valve (lectotype); Upper Ypresian of Cuise- Lamotte, France (coll. BOSQUET, No. 43 b). 6, right valve; Lutetian of Grignon (CAB 1000), France. 60×.	
FIG. 7. — <i>Aurila punctata</i> (VON MÜNSTER)	115
Left valve; Pliocene of Perpignan, France (coll. BOSQUET, No. 40). 60×.	
FIG. 8. — <i>Aurila cicatricosa</i> (REUSS)	114
Left valve; Pliocene of Perpignan, France (coll. BOSQUET, No. 40). 60×.	
FIGS. 9-10. — <i>Quadracythere lamarchiana</i> (BOSQUET)	105
9, right valve (lectotype); 10 a, left side, and 10 b, dorsal view of carapace; Lutetian of Paris Basin (coll. BOSQUET, No. 36). 90×.	
FIG. 11. — <i>Leguminocythereis pertusa</i> (ROEMER)	126
Left valve; Ledian of Tancrou, Paris Basin (coll. BOSQUET, No. 29 b). 60×.	
FIG. 12. — <i>Carinocythereis carinata</i> (ROEMER)	101
Left valve; Pliocene of Perpignan, France (coll. BOSQUET, No. 55 c). 60×.	
FIG. 13. — <i>Schizocythere</i> sp.	155
Left valve; Pliocene of Perpignan, France (coll. BOSQUET, No. 60). 90×.	
FIGS. 14-15. — <i>Schizocythere tessellata</i> (BOSQUET)	154
14, right valve; Ledian of Forest (BD 1258), Belgium. 15, right valve (lectotype); Lutetian of Paris Basin (coll. BOSQUET, No. 47 c). 90×.	
FIGS. 16-18. — <i>Schizocythere batjesi</i> n. sp.	153
16, right valve (holotype); 17, left valve; Bartonian of Oedelem (BRB 1057). 18, dorsal view of carapace; Ledian of Meldert (MC 1040). Belgium. 90×.	
FIG. 19. — <i>Schizocythere appendiculata</i> TRIEBEL	154
Right valve; Lutetian of Forest (BD 391), Belgium. 125×.	

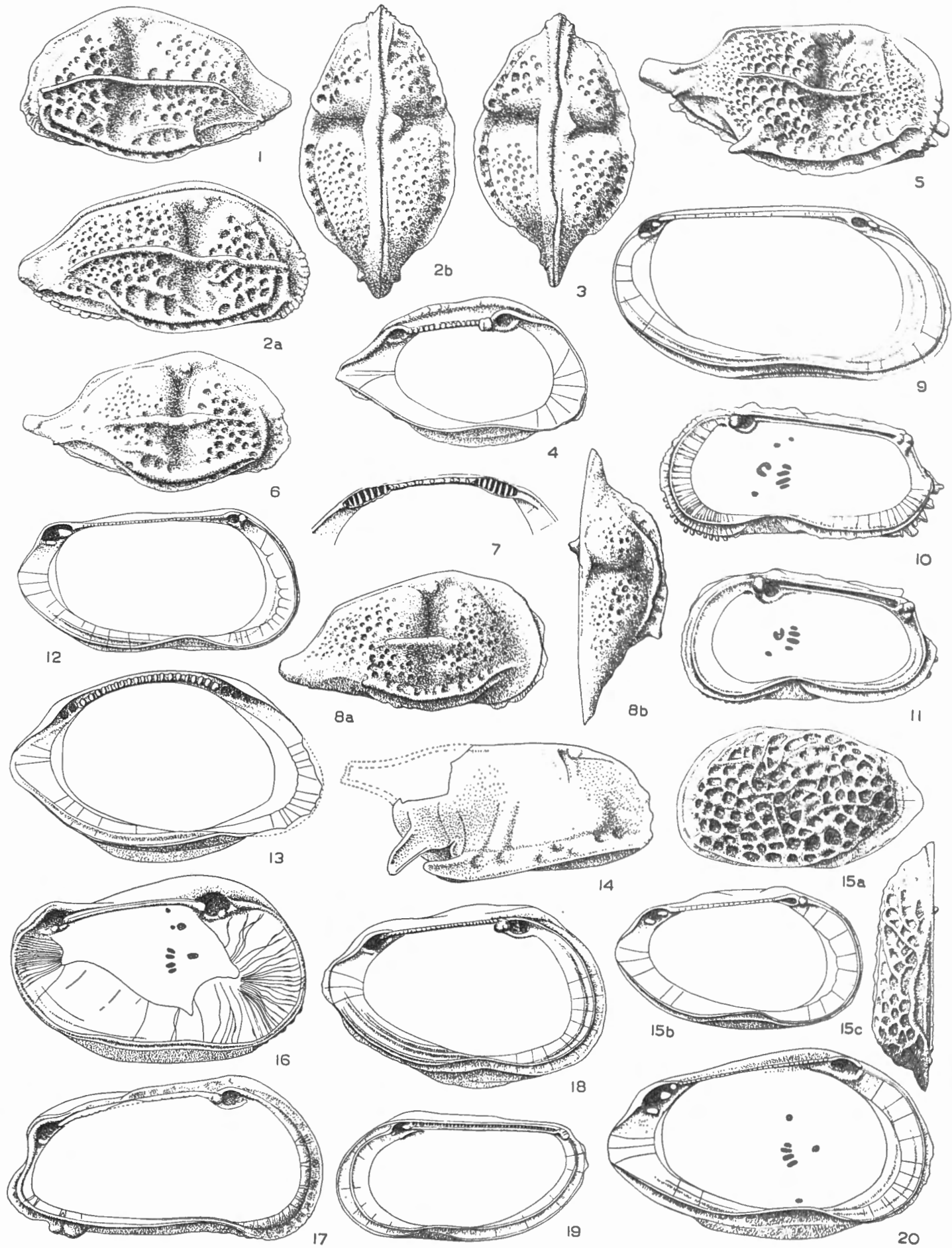


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE XXI

EXPLANATION OF PLATE XXI.

	Pages
FIGS. 1-4. — <i>Paijenborchella longicosta</i> n. sp.	156
1, left valve of ♀; 2 a, right valve, and 2 b, dorsal view of ♂ carapace (holotype); 3, dorsal view of ♀ carapace; 4, interior of ♀ left valve; Lutetian of Forest (BD 391), Belgium. 115×.	
FIG. 5. — <i>Paijenborchella lomata</i> TRIEBEL	156
Right valve; Lutetian of Saint-Job (BA 105), Belgium. 110×.	
FIG. 6. — <i>Paijenborchella eocaenica</i> TRIEBEL	156
Right valve; Bartonian of Oedelem (BRB 1056), Belgium. 110×.	
FIG. 7. — <i>Cytheropteron</i> aff. <i>C. fiski</i> HOWE and LAW	150
Hinge of left valve; Bartonian of boring Brussegem (22,20 m), Belgium. 110×.	
FIG. 8. — <i>Paijenborchella</i> sp. cf. <i>P. tricostata</i> (LIENENKLAUS)	158
8 a, lateral view, and 8 b, dorsal view of right valve; Rupelian of Kruikebe (JK 628), Belgium. 110×.	
FIG. 9. — <i>Loxoconcha kuiperi</i> n. sp.	141
Interior of ♀ left valve; Rupelian of Berg (BZ 559), Belgium. 115×.	
FIGS. 10-11. — <i>Hermanites paijenborchiana</i> n. sp.	110
10, interior of ♂ right valve; Lutetian of Grignon (CAB 1001), France. 11, interior of ♀ right valve; Lutetian of Nalinnes (THB 1192), Belgium. 75×.	
FIG. 12. — <i>Loxoconcha nystiana</i> (BOSQUET)	142
Interior of ♀ left valve; Rupelian of Berg (BZ 552), Belgium. 75×.	
FIG. 13. — <i>Cytheropteron</i> (<i>Cytheropteron</i>) <i>steinmanni</i> KUIPER	149
Interior of left valve; Rupelian of Boom (MA 651), Belgium. 115×.	
FIG. 14. — <i>Cytheropteron</i> sp.	151
Damaged right valve; Lutetian of Gobertange (WA 165), Belgium. 120×.	
FIG. 15. — <i>Loxoconcha curryi</i> n. sp.	139
15 a, exterior, 15 b, interior, and 15 c, dorsal view of left valve (holotype); Ledian of Whitecliff bay (D 18), Isle of Wight, England. 115×.	
FIG. 16. — <i>Cytheretta laticosta</i> (REUSS)	137
Interior of ♀ left valve; Bartonian of Barton (D 8), England. 75×.	
FIG. 17. — (?) <i>Urocythereis bidentata</i> (BOSQUET)	115
Interior of left valve (lectotype); Miocene of Dax, Aquitaine Basin, France (coll. BOSQUET, No. 37). 75×.	
FIG. 18. — <i>Schizocythere batjesi</i> n. sp.	153
Interior of left valve; Bartonian of Oedelem (BRB 1057), Belgium. 115×.	
FIG. 19. — <i>Loxoconcha grateloupiana</i> (BOSQUET)	140
Interior of ♂ right valve; Rupelian of Kleine-Spouwen (BZ 490), Belgium. 115×.	
FIG. 20. — <i>Loxoconcha subtriangularis</i> (SPEYER)	144
Interior of left valve; Rupelian of Kleine-Spouwen (BZ 490), Belgium. 115×.	

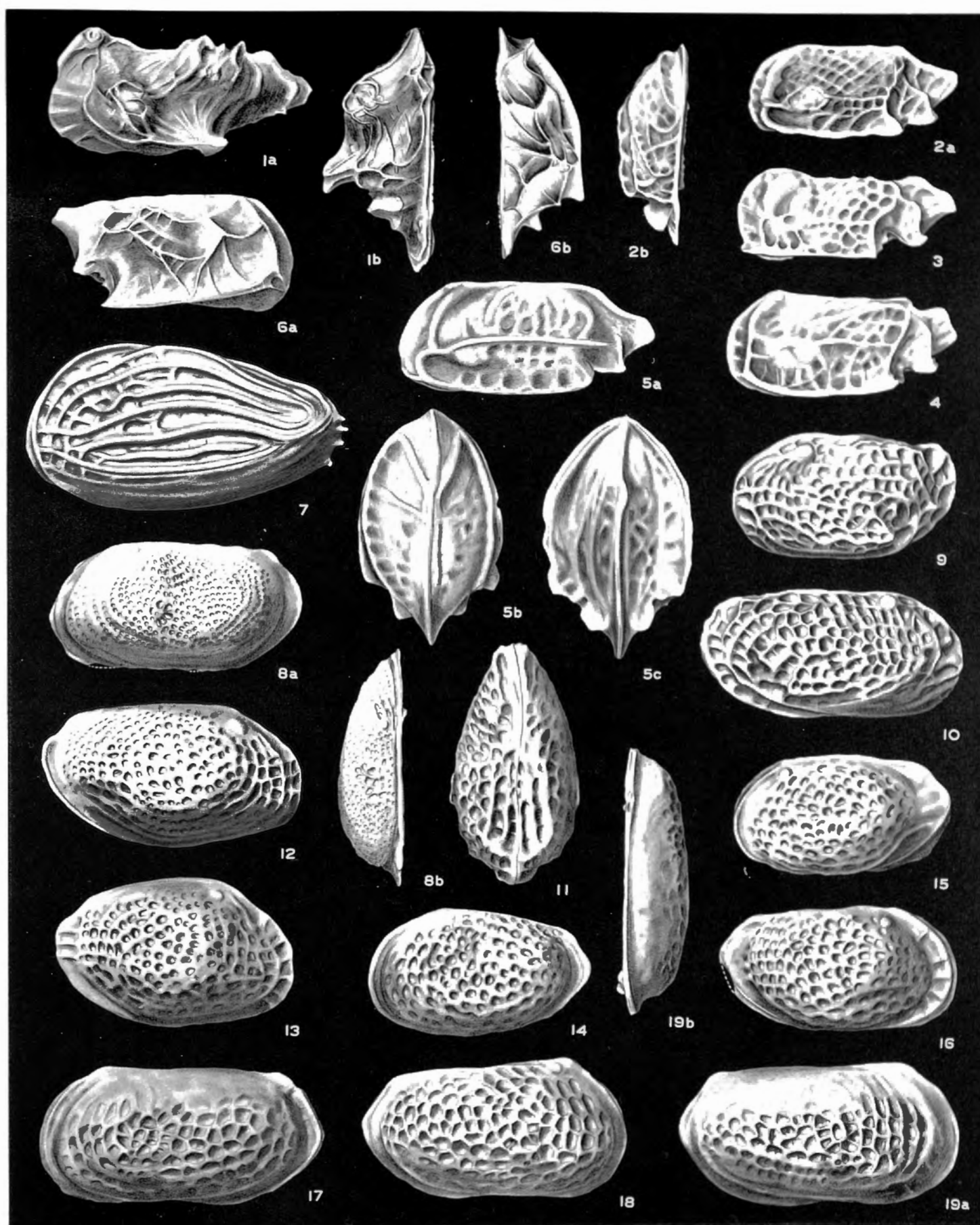


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE XXII

EXPLANATION OF PLATE XXII.

	Pages
FIG. 1. — <i>Paracytheridea (Paracytheridea) grignonensis</i> n. sp.	161
1 a, lateral view, and 1 b, dorsal view of left valve (holotype); Lutetian of Grignon (CAB 1001), France. 75x.	
FIGS. 2-4. — <i>Paracytheridea (Paracytheridea) gradata</i> (BOSQUET)	159
2 a, lateral view, and 2 b, dorsal view of left valve (lectotype); Lutetian of Paris Basin, France (coll. BOSQUET, No. 80 d). 3, left valve of ♂; 4, left valve of ♀, Lutetian of Forest (BD 391), Belgium. 75x.	
FIG. 5. — <i>Paracytheridea (Paracytheridea) brusselensis</i> n. sp.	158
5 a, left valve, 5 b, dorsal view, 5 c, ventral view of carapace (holotype); Lutetian of Forest (BD 391), Belgium. 75x.	
FIG. 6. — <i>Paracytheridea (Paracytheropteron) fenestrata</i> (BOSQUET)	162
6 a, lateral view, and 6 b, dorsal view of right valve (lectotype); Miocene of Aquitaine Basin, France (coll. BOSQUET, No. 81). 75x.	
FIG. 7. — <i>Cytheretta costellata</i> (ROEMER)	132
Left valve of ♀; Ledian of Bambrugge (ZD 343), Belgium. 75x.	
FIG. 8. — <i>Loxoconcha kuiperi</i> n. sp.	141
8 a, lateral view, and 8 b, dorsal view of left valve (holotype); Rupelian of Kleine-Spouwen (BZ 485), Belgium. 75x.	
FIGS. 9-11. — <i>Loxoconcha grateloupiana</i> (BOSQUET)	140
9, left valve of ♀; 10, right valve of ♂ (lectotype); 11, dorsal view of ♂ carapace; Miocene of Aquitaine Basin, France (coll. BOSQUET, No. 44). 75x.	
FIGS. 12-13. — <i>Loxoconcha punctatella</i> (REUSS)	143
12, right valve of ♂; 13, right valve of ♀; Pliocene of Perpignan, France (coll. BOSQUET, No. 39). 75x.	
FIG. 14. — <i>Loxoconcha subtriangularis</i> (SPEYER)	144
Left valve; Rupelian of Kleine-Spouwen (BZ 492), Belgium. 75x.	
FIGS. 15-16. — <i>Loxoconcha subovata</i> (VON MÜNSTER)	144
15, left valve; Upper Ypresian of Forest (BD 445); 16, right valve; Rupelian of Steendorp (JJ 621), Belgium. 115x.	
FIGS. 17-19. — <i>Loxoconcha nystiana</i> (BOSQUET)	142
17, left valve of ♀; 18, right valve of ♀; 19 a, lateral view, and 19 b, dorsal view of ♂ right valve (lectotype); Oligocene of Belgium (coll. BOSQUET, No. 31). 75x.	

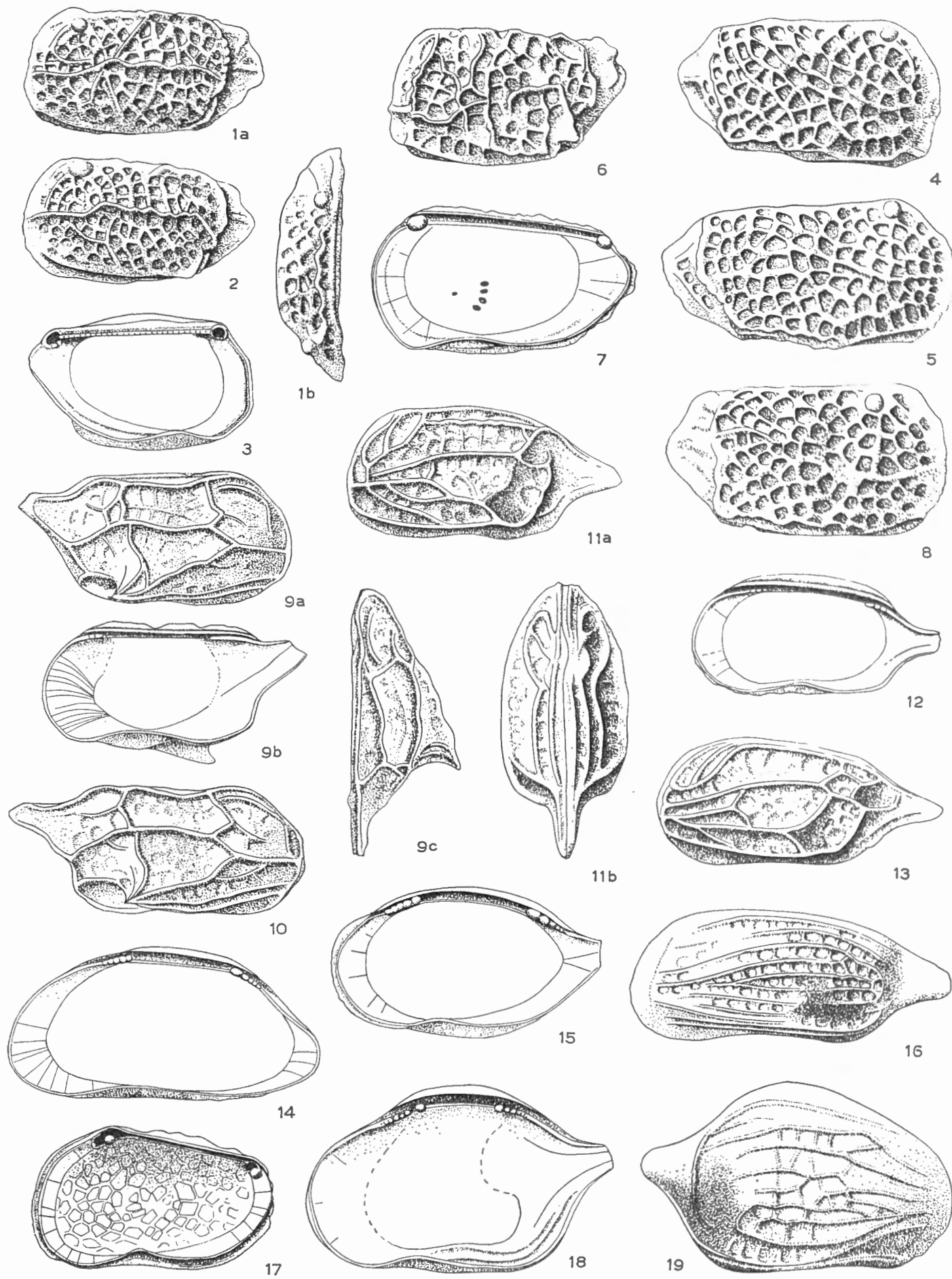


A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

PLATE XXIII

EXPLANATION OF PLATE XXIII.

	Pages
FIGS. 1-3. — <i>Eucytherura hyonensis</i> n. sp.	151
1 a, lateral view, and 1 b, dorsal view of left valve (holotype); 2, left valve; 3, interior of left valve; Upper Ypresian of Hyon (MMV 80), Belgium. 140x.	
FIGS. 4-8. — <i>Eucytherura dentata</i> (LIENENKLAUS)	151
4, right valve of ♀; 5, right valve of ♂; 6, left valve of juvenile specimen; 7, interior of left valve; Bartonian of Oedelem (BRB 246). 8, right valve of ♀; Rupelian of Tielrode (JA 355), Belgium. 140x.	
FIGS. 9-10. — <i>Cytherura bambrugensis</i> n. sp.	145
9 a, exterior, 9 b, interior, and 9 c, dorsal view of right valve (holotype); Ledian of Bambrugge (ZD 343). 10, right valve; Ledian of Forest (BD 1257), Belgium. 140x.	
FIGS. 11-13. — <i>Cytherura oedelemensis</i> n. sp.	147
11 a, left valve, and 11 b, dorsal view of ♀ carapace (holotype); 12, interior of right valve; Bartonian of Oedelem (BRB 246). 13, left valve of ♂; Ledian of Forest (BD 1257), Belgium. 140x.	
FIG. 14. <i>Cytheropteron (Eocytheropteron) omaliusi</i> n. sp.	149
Interior of ♂ right valve; Lutetian of Genappe (ND 410), Belgium. 125x.	
FIG. 15. — <i>Cytheropteron (Cytheropteron) gulincki</i> n. sp.	148
Interior of right valve; Bartonian of Oedelem (BRB 246), Belgium. 140x.	
FIG. 16. — <i>Cytherura gracilis</i> LIENENKLAUS	146
Left valve; Rupelian of Bilzen-Katteberg (TK 524), Belgium. 140x.	
FIG. 17. — <i>Cytheromorpha brabantica</i> n. sp.	88
Interior of right valve (holotype); Ledian of Forest (BD 1257), Belgium. 140x.	
FIGS. 18-19. — <i>Cytherura forestensis</i> n. sp.	146
18, interior of right valve; 19, exterior of right valve; Lutetian of Forest (BD 391), Belgium. 140x.	



A. J. KEIJ. — Eocene and oligocene Ostracoda of Belgium.

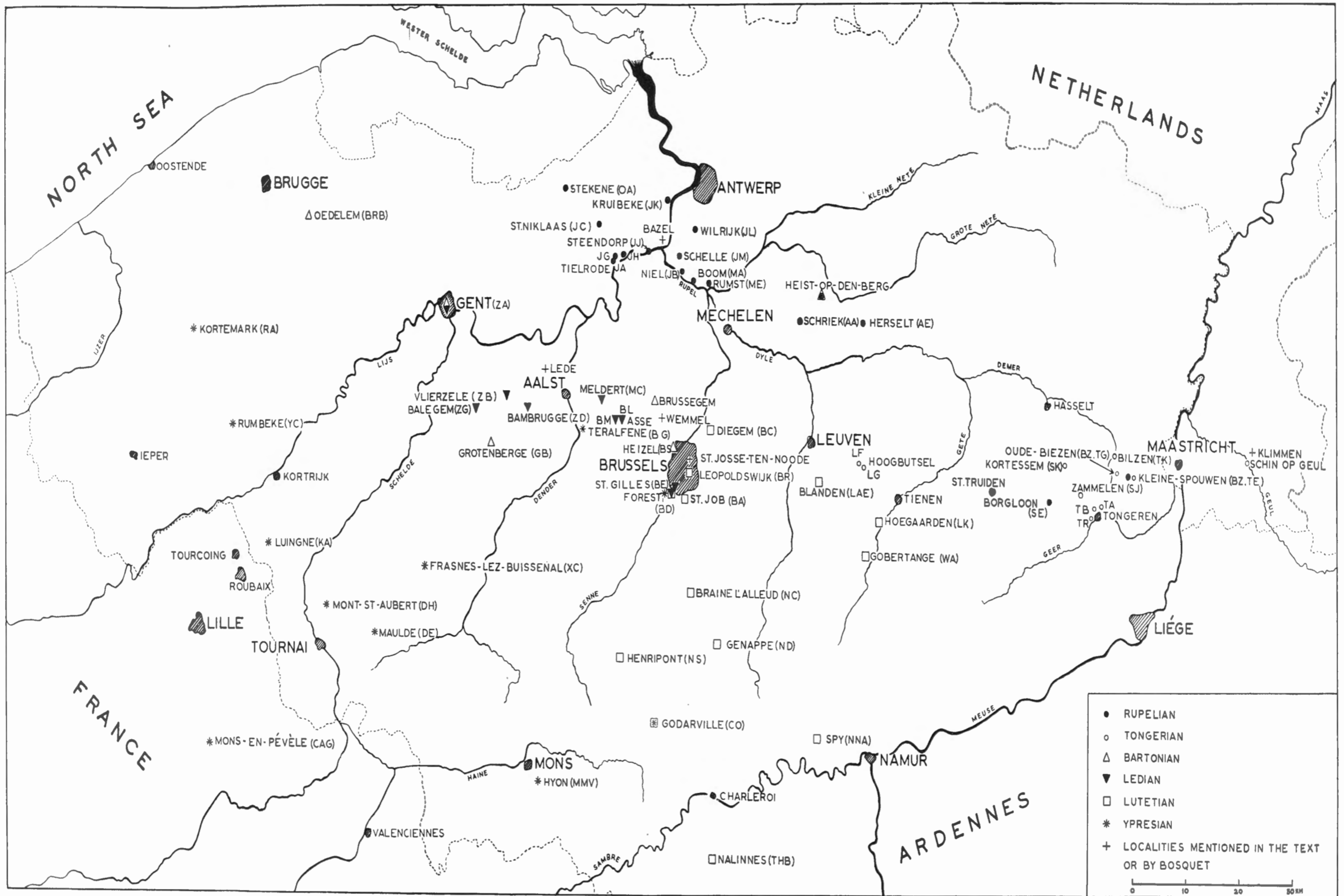


FIG. 6. — Eocene and Oligocene localities of Belgium where Ostracoda have been found.