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PLATE I

EXPLANATION OF PLATE I

- FIG. 1. *Ammodiscus incertus* (D'ORBIGNY), a, b, side views, c, apertural view, Clays of Ieper, boring Woensdrecht 592 m, $\times 50$
- FIG. 2. *Cornuspira bornemanni* REUSS, a, side view, b, peripheral view, Sands of Wemmel, boring Wemmel 14-9,50 m, $\times 35$
- FIG. 3. *Cornuspira involvens* (REUSS), a, side view, b, peripheral view, Sands of Wemmel, boring Wemmel 14-9,50 m, $\times 55$
- FIG. 4. *Cribratomoides* sp., a, b, side views, c, apertural view, Clays of Ieper, boring Woensdrecht 591 m, $\times 50$
- FIG. 5. *Cribrostomoides* sp., a, side view, b, apertural view, Clays of Ieper, boring Woensdrecht 594 m, $\times 35$
- FIG. 6. *Haplophragmoides* sp., a, side view, b, apertural view, Clays of Ieper, boring Woensdrecht 592 m, $\times 80$
- FIG. 7. *Ammobaculites* sp. cf. *A. americanus* CUSHMAN, a, side view, b, peripheral view, Clays of Ieper, boring Woensdrecht 593 m, $\times 35$
- FIG. 8. *Spiroplectammina mexiaensis* LALICKER, Clays of Ieper, boring Woensdrecht 592 m, $\times 55$
- FIG. 9. *Spiroplectammina adamsi* LALICKER, a, side view, b, apertural view, London Clay, Alum Bay (EG 101), $\times 55$
- FIG. 10. *Spiroplectammina adamsi* LALICKER, a, side view, b, apertural view, London Clay, Alum Bay (EG 101), $\times 80$
- FIG. 11. *Spiroplectammina adamsi* LALICKER, a, side view, b, apertural view, Sands of Mons-en-Pévèle, Mont-Saint-Aubert (DH 1208), $\times 75$
- FIG. 12. *Spiroplectammina carinata* (D'ORBIGNY), a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 1054), $\times 40$
- FIG. 13. *Spiroplectammina carinata* (D'ORBIGNY) var. *deperdita* (D'ORBIGNY), a, side view, b, apertural view, Sands of Wemmel, boring Wemmel 16-6 m, $\times 35$
- FIG. 14. *Textularia agglutinans* D'ORBIGNY, a, side view, b, apertural view, Sands of Wemmel, Jette (BS 1260), $\times 40$
- FIG. 15. *Textularia agglutinans* D'ORBIGNY, a, side view, b, apertural view, Lower Panisel beds, boring Woensdrecht 413 m, $\times 30$
- FIG. 16. *Textularia agglutinans* D'ORBIGNY, a, side view, b, apertural view, Sands of Wemmel, Strombeek-Bever (BV 1272), $\times 50$

- FIG. 17. — *Textularia agglutinans* D'ORBIGNY var. *nalinnesensis* nov. var., a, side view, b, apertural view, Sands of Brussels, Nalannes (THB 1190), ×55
- FIG. 18. — *Textularia agglutinans* D'ORBIGNY var. *nalinnesensis* nov. var., holotype, a, side view, b, apertural view, Sands of Brussels, Nalannes (THB 1192), ×35
- FIG. 19. — *Textularia smithvillensis* CUSHMAN and ELLISOR, a, side view, b, apertural view, Clays of Ieper, boring Woensdrecht 542 m, ×25
- FIG. 20. — *Trochammina* sp. cf. *T. inflata* (MONTAGU), a, dorsal view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 593 m, ×80
- FIG. 21. — *Karrieriella siphonella* (REUSS), a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 247), ×55
- FIG. 22. — *Karrieriella siphonella* (REUSS), a, side view, b, apertural view, Clays of Asse, Wemmel (BW 1273), ×40
- FIG. 23. — *Karrieriella siphonella* (REUSS), a, side view, b, apertural view, Sands of Wemmel, Jette (BT 1266), ×50
- FIG. 24. — *Karrieriella danica* CUSHMAN, a, side view, b, apertural view, Clays of Ieper, boring Woensdrecht 534 m, ×25
- FIG. 25. — *Karrieriella danica* CUSHMAN, a, side view, b, apertural view, Clays of Ieper, boring Woensdrecht 542 m, ×50
- FIG. 26. — *Valvulina* sp., Sands of Lede, Lede (2-V), ×35
- FIG. 27. — *Clavulina parisiensis* D'ORBIGNY, a, side view, b, apertural view, Sands of Lede, Asse (BI. 1035), ×40
- FIG. 28. — *Clavulina parisiensis* D'ORBIGNY, a, side view, b, apertural view, Lutetian, Grignon (CAB 1261), ×40
- FIG. 29. — *Pseudoclavulina anglica* CUSHMAN, a, side view, b, apertural view, Clays of Ieper, boring Woensdrecht 540 m, ×35
- FIG. 30. — *Pseudoclavulina* sp. cf. *P. cocoaensis* CUSHMAN, a, b, side views, c, apertural view, Clays of Asse, Oedelem (BRB 237), ×35
-

EXPLANATION OF PLATE II

- FIG. 1. — *Vertebralina laevigata* TERQUEM, a, side view, b, peripheral view, Sands of Lede, Bambrugge (ZD 1012), ×80
- FIG. 2. — *Vertebralina laevigata* TERQUEM, a, side view, b, peripheral view, Lutetian, Grignon (CAB 1002), ×80
- FIG. 3. — (?) *Vertebralina* sp., a, side view, b, peripheral view, Sands of Wemmels, boring Heist-op-den-Berg 129,50 m, ×55
- FIG. 4. — *Spirophthalmidium alata* (TERQUEM), a, b, opposite sides, c, apertural view, Lutetian, Grignon (CAB 1261), ×40
- FIG. 5. — *Quinqueloculina seminula* (LINNÉ), a, b, opposite sides, c, apertural view, Sands of Wemmels, boring Wemmels 48-22 m, ×55
- FIG. 6. — *Quinqueloculina seminula* (LINNÉ), a, b, opposite sides, c, apertural view, Sands of Lede, Bambrugge (ZD 1011), ×35
- FIG. 7. — *Quinqueloculina ludwigi* REUSS, a, b, opposite sides, c, apertural view, Sands of Lede, Bambrugge (ZD 1016), ×55
- FIG. 8. — *Quinqueloculina ludwigi* REUSS, a, b, opposite sides, c, apertural view, Barton beds, Barton (D 2), ×55
- FIG. 9. — *Quinqueloculina carinata* D'ORBIGNY, a, b, opposite sides, c, apertural view, Sands of Wemmels, Strombeek-Bever (BV 1272), ×35
- FIG. 10. — *Quinqueloculina carinata* D'ORBIGNY, a, b, opposite sides, c, apertural view, Sands of Wemmels, boring Wemmels 14-6,50 m, ×35
- FIG. 11. — *Quinqueloculina carinata* D'ORBIGNY, a, b, opposite sides, c, apertural view, Sands of Lede, Bambrugge (ZD 1016), ×35
- FIG. 12. — *Quinqueloculina bicarinata* D'ORBIGNY, a, b, opposite sides, c, apertural view, Barton beds, Barton (D 5), ×30
- FIG. 13. — *Quinqueloculina bicarinata* D'ORBIGNY, a, b, opposite sides, c, apertural view, Sands of Wemmels, boring Brussegem no. 18, ×20
- FIG. 14. — *Quinqueloculina juleana* D'ORBIGNY, a, b, opposite sides, c, apertural view, Sands of Lede, Bambrugge (ZD 1016), ×35
- FIG. 15. — *Quinqueloculina juleana* D'ORBIGNY, a, b, opposite sides, c, apertural view, Sands of Lede, Bambrugge (ZD 1015), ×55
- FIG. 16. — *Quinqueloculina* sp. cf. *Q. aspera* D'ORBIGNY, a, b, opposite sides, c, apertural view, Lutetian, Grignon (CAB 1261), ×55
- FIG. 17. — *Quinqueloculina costata* KARRER, a, b, opposite sides, c, apertural view, Sands of Lede, Bambrugge (ZD 1014), ×35
- FIG. 18. — *Quinqueloculina costata* KARRER, a, b, opposite sides, c, apertural view, Lutetian, Grignon (CAB 1261), ×40
- FIG. 19. — *Quinqueloculina costata* KARRER, a, b, opposite sides, c, apertural view, Sands of Lede, Bambrugge (ZD 1011), ×40
-

EXPLANATION OF PLATE III

- FIG. 1. — *Quinqueloculina striata* D'ORBIGNY, a, b, opposite sides, c, apertural view, Lutetian, Grignon (CAB 1002), × 30
- FIG. 2. — *Quinqueloculina striata* D'ORBIGNY, a, b, opposite sides, c, apertural view, Sands of Lede, Bambrugge (ZD 1014), × 35
- FIG. 3. — *Quinqueloculina crassa* D'ORBIGNY, a, b, opposite sides, c, apertural view, Lutetian, Grignon (CAB 1002), × 35
- FIG. 4. — *Quinqueloculina impressa* REUSS, a, b, opposite sides, c, apertural view, Lutetian, Grignon (CAB 1261), × 40
- FIG. 5. — *Quinqueloculina impressa* REUSS, a, b, opposite sides, c, apertural view, Barton beds, Barton (D 2), × 55
- FIG. 6. — *Quinqueloculina impressa* REUSS, a, b, opposite sides, c, apertural view, Sands of Wemmel, boring Wemmel 14-10 m, × 55
- FIG. 7. — *Miliolinella oblonga* (MONTAGU), a, b, opposite sides, c, apertural view, Barton beds, Barton (D 8), × 55
- FIG. 8. — *Miliolinella oblonga* (MONTAGU), a, b, opposite sides, c, apertural view, Sands of Lede, Bambrugge (ZD 1016), × 55
- FIG. 9. — *Spiroloculina tricarinata* TERQUEM, a, side view, b, apertural view, Sands of Wemmel, Jette (BS 1260), × 55
- FIG. 10. — *Spiroloculina tricarinata* TERQUEM, a, side view, b, apertural view, Sands of Wemmel, Jette (BS 1260), × 40
- FIG. 11. — *Spiroloculina tricarinata* TERQUEM, a, side view, b, apertural view, Lutetian, Grignon (CAB 1000), × 55
- FIG. 12. — *Spiroloculina tricarinata* TERQUEM var. *belgica* nov. var., holotype, a, side view, b, apertural view, Sands of Wemmel, Jette (BS 1260), × 35
- FIG. 13. — *Spiroloculina tricarinata* TERQUEM var. *belgica* nov. var., a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1014), × 50
- FIG. 14. — *Spiroloculina tricarinata* TERQUEM var. *belgica* nov. var., a, side view, b, apertural view, Sands of Wemmel, boring Wemmel 16-6 m, × 35
- FIG. 15. — *Spiroloculina tricarinata* TERQUEM var. *angulifera* TERQUEM, a, side view, b, apertural view, Lutetian, Grignon (CAB 1002), × 55
- FIG. 16. — *Spiroloculina tricarinata* TERQUEM var. *angulifera* TERQUEM, a, side view, b, apertural view, Sands of Wemmel, boring Brussegem no. 27, × 40
- FIG. 17. — *Spiroloculina bicarinata* D'ORBIGNY, a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1014), × 55
- FIG. 18. — *Spiroloculina bicarinata* D'ORBIGNY, a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1014), × 55
- FIG. 19. — *Spiroloculina bicarinata* D'ORBIGNY, a, side view, b, apertural view, Lutetian, Daméry (Daméry-serratum), × 80
- FIG. 20. — *Spiroloculina canaliculata* D'ORBIGNY, a, side view, b, apertural view, Sands of Wemmel, boring Heist-op-den-Berg 129,50 m, × 30
- FIG. 21. — *Spiroloculina canaliculata* D'ORBIGNY, a, side view, b, apertural view, Sands of Wemmel, boring Wemmel 48-22 m, × 55
- FIG. 22. — *Spiroloculina canaliculata* D'ORBIGNY, a, side view, b, apertural view, Sands of Wemmel, boring Wemmel 14-10 m, × 25
- FIG. 23. — *Spiroloculina canaliculata* D'ORBIGNY, a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1014), × 55

EXPLANATION OF PLATE IV

- FIG. 1. — *Spiroloculina perforata* D'ORBIGNY, a, side view, b, apertural view, Lutetian, Grignon (CAB 1002), × 40
- FIG. 2. — *Spiroloculina costigera* TERQUEM, a, side view, b, apertural view, Lutetian, Grignon (CAB 1261), × 40
- FIG. 3. — *Spiroloculina costigera* TERQUEM, a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 340), × 55
- FIG. 4. — *Spiroloculina costigera* TERQUEM var. *carinata* Y. LE CALVEZ, a, side view, b, apertural view, Lutetian, Grignon (CAB 1002), × 40
- FIG. 5. — *Spiroloculina costigera* TERQUEM var. *ubiqua* Y. LE CALVEZ, a, side view, b, apertural view, Lutetian, Grignon (CAB 1002), × 35
- FIG. 6. — *Spiroloculina costigera* TERQUEM var. *ubiqua* Y. LE CALVEZ, a, side view, b, apertural view, Sands of Lede, Meldert (MC 1040), × 35
- FIG. 7. — *Spiroloculina costigera* TERQUEM var. *nuda* nov. var., holotype, a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1013), × 40
- FIG. 8. — *Spiroloculina costigera* TERQUEM var. *nuda* nov. var., a, side view, b, apertural view, Sands of Wemmél, boring Brussegem no. 27, × 35
- FIG. 9. — *Sigmoilina tenuis* (CZIZEK), a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 343), × 50
- FIG. 10. — *Sigmoilina tenuis* (CZIZEK), a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 1054), × 55
- FIG. 11. — *Articulina nitida* D'ORBIGNY, Lutetian, Daméry (Daméry), × 50
- FIG. 12. — *Articulina terquemi* CUSHMAN, a, side view, b, apertural view, Sands of Wemmél, boring Brussegem no. 27, × 75
- FIG. 13. — *Articulina terquemi* CUSHMAN, a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 1056), × 50
- FIG. 14. — *Articulina contracta* (TERQUEM), a, side view, b, apertural view, Sands of Wemmél, boring Wemmél 14-10 m, × 75
- FIG. 15. — *Articulina laevigata* TERQUEM, a, side view, b, apertural view, Sands of Lede, boring Brussegem no. 33, × 35
- FIG. 16. — *Articulina laevigata* TERQUEM, a, side view, b, apertural view, Lutetian, Daméry (Daméry), × 50
- FIG. 17. — *Articulina laevigata* TERQUEM, a, side view, b, apertural view, Lutetian, Grignon (CAB 1261), × 35
- FIG. 18. — *Articulina ornaticollis* Y. LE CALVEZ, Lutetian, Daméry (Daméry), × 50
- FIG. 19. — *Articulina pseudosulcata* nov. sp., holotype, a, side view, b, apertural view, Sands of Wemmél, boring Heist-op-den-Berg 129,50 m, × 50
- FIG. 20. — *Articulina pseudosulcata* nov. sp., a, side view, b, apertural view, Sands of Lede, Meldert (MC 1040), × 50
- FIG. 21. — *Articulina flandrica* nov. sp., holotype, a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1016), × 50
- FIG. 22. — *Articulina flandrica* nov. sp., a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1011), × 50
- FIG. 23. — *Articulina flandrica* nov. sp., a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1017), × 50
- FIG. 24. — *Articulina flandrica* nov. sp., a, side view, b, apertural view, Sands of Wemmél, boring Heist-op-den-Berg 121,50 m, × 50
- FIG. 25. — *Miliola saxorum* (LAMARCK), a, b, opposite sides, c, apertural view, Lutetian, Grignon (CAB 1261), × 25
- FIG. 26. — *Miliola saxorum* (LAMARCK), a, b, opposite sides, c, apertural view, Sands of Wemmél, boring Brussegem no. 25, × 35
- FIG. 27. — *Miliola saxorum* (LAMARCK), a, b, opposite sides, c, apertural view, Lutetian, Grignon (CAB 1261), × 35
-

EXPLANATION OF PLATE V

- FIG. 1. — *Miliola saxorum* (LAMARCK), a, b, opposite sides, c, apertural view, Sands of Lede, Bambrugge (ZD 1016), × 40
- FIG. 2. — *Miliola birostris* (LAMARCK), a, b, opposite sides, c, apertural view, Lutetian, Grignon (CAB 1000), × 50
- FIG. 3. — *Miliola disticha* (TERQUEM), a, b, opposite sides, c, apertural view, Lutetian, Grignon (CAB 1002), × 50
- FIG. 4. — *Miliola prisca* (D'ORBIGNY), a, b, opposite sides, c, apertural view, Lutetian, Grignon (CAB 1261), × 35
- FIG. 5. — *Miliola prisca* (D'ORBIGNY), a, b, opposite sides, c, apertural view, Sands of Wemmell, boring Brussegem no. 26, × 50
- FIG. 6. — *Miliola prisca* (D'ORBIGNY), var. *strigillata* (D'ORBIGNY), a, b, opposite sides, c, apertural view, Lutetian, Grignon (CAB 1261), × 55
- FIG. 7. — *Miliola prisca* (D'ORBIGNY) var. *terquemi* nov. var., holotype, a, b, opposite views, c, apertural view, Sands of Wemmell, boring Brussegem no. 27, × 55
- FIG. 8. — *Triloculina trigonula* (LAMARCK), a, b, side views, c, apertural view, Lutetian, Daméry (Daméry-serratum), × 50
- FIG. 9. — *Triloculina trigonula* (LAMARCK), a, b, side views, c, apertural view, Sands of Lede, Bambrugge (ZD 1016), × 35
- FIG. 10. — *Triloculina trigonula* (LAMARCK), a, side view, b, apertural view, Sands of Wemmell, boring Wemmell 14-9,50 m, × 35
- FIG. 11. — *Triloculina trigonula* (LAMARCK) var. *inflata* D'ORBIGNY, a, b, side views, c, apertural view, Sands of Lede, Bambrugge (ZD 1013), × 50
- FIG. 12. — *Triloculina gibba* D'ORBIGNY, a, b, side views, Sands of Lede, Bambrugge (ZD 1014), × 25
- FIG. 13. — *Triloculina gibba* D'ORBIGNY, a, b, side views, c, apertural view, Lutetian, Grignon (CAB 1261), × 40
- FIG. 14. — *Triloculina gibba* D'ORBIGNY, a, b, side views, c, apertural view, Sands of Lede, Meldert (MC 1040), × 35
- FIG. 15. — *Triloculina angularis* D'ORBIGNY, a, b, side views, c, apertural view, Sands of Wemmell, Strombeek-Bever (BV 1272), × 55
- FIG. 16. — *Triloculina lecalvezae* nov. nom., a, side view, b, apertural view, Lutetian, Daméry (Daméry-serratum), × 25
- FIG. 17. — *Triloculina propinqua* TERQUEM, a, side view, b, apertural view, Lutetian, Grignon (CAB 1261), × 35
- FIG. 18. — *Pyrgo bulloides* (D'ORBIGNY), a, front view, b, apertural view, Lutetian, Grignon (CAB 1002), × 25
- FIG. 19. — *Pyrgo elongata* (D'ORBIGNY), a, front view, b, apertural view, Lutetian, Grignon (CAB 1261), × 30
-

EXPLANATION OF PLATE VI

- FIG. 1. — *Fabularia bella* nov. sp., holotype, a, front view, b, side view, Sands of Lede, Bambrugge (ZD 1014), × 30
- FIG. 2. — *Fabularia bella* nov. sp., a, front view, b, side view, Sands of Lede, Bambrugge (ZD 1016), × 40
- FIG. 3. — *Fabularia bella* nov. sp., a, front view, b, side view, Sands of Lede, Bambrugge (ZD 342), × 40
- FIG. 4. — *Fabularia bella* nov. sp., median section of a probably microspheric specimen, Sands of Lede, Bambrugge (ZD 1016), × 80
- FIG. 5. — *Fabularia bella* nov. sp., median section of a probably megalospheric specimen, Sands of Lede, Meldert (MC 1040), × 80
- FIG. 6. — *Fabularia bella* nov. sp., median section through the central part of a probably microspheric specimen, Sands of Wemmel, boring Heist-op-den-Berg 129,50 m, × 120
- FIG. 7. — *Renulina opercularia* (LAMARCK), a, dorsal view, b, ventral view, Lutetian, Daméry (Daméry-serratum), × 40
-

EXPLANATION OF PLATE VII

- FIG. 1. — *Lenticulina* sp. cf. *L. alatolimbata* (GÜMBEL), a, side view, b, apertural view, Sands of Mons-en-Pévèle, Mont-Saint-Aubert (DH 1211), × 35
- FIG. 2. — *Lenticulina* sp. cf. *L. alatolimbata* (GÜMBEL), a, side view, b, peripheral view, Clays of Roubaix, Luigne (KA 1093), × 25
- FIG. 3. — *Lenticulina* sp. cf. *L. costata* (D'ORBIGNY), a, side view, b, peripheral view, Clays of Asse, Oedelem (BRB 1054), × 20
- FIG. 4. — *Lenticulina* sp. cf. *L. ellisori* BOWEN, a, side view, b, apertural view, Clays of Ieper, boring Woensdrecht 550 m, × 40
- FIG. 5. — *Lenticulina* sp. cf. *L. jugosa* (CUSHMAN and THOMAS), a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 237), × 35
- FIG. 6. — *Lenticulina* sp. cf. *L. pseudovortex* (COLE), a, side view, b, peripheral view, Clays of Ieper, boring Woensdrecht 536 m, × 35
- FIG. 7. — *Lenticulina* (*Darbyella*) sp. cf. *Lenticulina* (*Darbyella*) *wilcoxensis* CUSHMAN and GARRETT, a, b, side views, c, apertural view, Clays of Ieper, boring Woensdrecht 547 m, × 25
- FIG. 8. — *Lenticulina* sp. cf. *L. yaguatensis* (BERMUDEZ), a, side view, b, apertural view, Sands of Wemmel, Jette (BS 1260), × 55
- FIG. 9. — *Lenticulina* sp. cf. *L. yaguatensis* (BERMUDEZ), a, side view, b, apertural view, Upper Bracklesham beds, Whitecliff Bay (EG 1), × 35
- FIG. 10. — *Lenticulina* (*Astacolus*) *decorata* (REUSS), a, side view, b, apertural view, Sands of Wemmel, boring Wemmel 16-6 m, × 35
- FIG. 11. — *Lenticulina* (*Astacolus*) *decorata* (REUSS), Clays of Asse, Oedelem (BRB 237), × 35
- FIG. 12. — *Lenticulina* (*Marginulinopsis*) *enbornensis* (BOWEN), a, side view, b, apertural view, Clays of Ieper, boring Woensdrecht 542 m, × 20
- FIG. 13. — *Lenticulina* (*Marginulinopsis*) *enbornensis* (BOWEN), a, side view, b, apertural view, Clays of Ieper, boring Woensdrecht 548 m, × 25
- FIG. 14. — *Dentalina megalopolitana* REUSS, Clays of Ieper, boring Woensdrecht 547 m, × 35
- FIG. 15. — *Dentalina* sp. cf. *D. ewaldi* (REUSS), Clays of Asse, Oedelem (BRB 247), × 35
- FIG. 16. — *Dentalina* sp. cf. *D. ewaldi* (REUSS), Clays of Asse, Oedelem (BRB 1054), × 35
- FIG. 17. — *Dentalina elegans* D'ORBIGNY, Sands of Wemmel, boring Brussegem no. 23, × 35
- FIG. 18. — *Dentalina inornata* D'ORBIGNY, Sands of Wemmel, Strombeek-Bever (BV 1272), × 35
- FIG. 19. — *Dentalina inornata* D'ORBIGNY, Clays of Asse, Oedelem (BRB 1055), × 35
- FIG. 20. — *Nodosaria* sp. cf. *N. elegantissima* HANTKEN, Clays of Ieper, boring Woensdrecht 540 m, × 20
- FIG. 21. — *Nodosaria minor* HANTKEN, Clays of Ieper, boring Woensdrecht 541 m, × 15
- FIG. 22. — *Nodosaria latejugata* GÜMBEL, Clays of Ieper, boring Woensdrecht 537 m, × 20
- FIG. 23. — *Nodosaria ludwigi* REUSS, Clays of Asse, Oedelem (BRB 237), × 20
- FIG. 24. — *Nodosaria natchitochensis* (HOWE), Clays of Ieper, boring Woensdrecht 540 m, × 55
- FIG. 25. — *Lagena isabella* (D'ORBIGNY), Clays of Asse, Oedelem (BRB 237), × 55
- FIG. 26. — *Lagena striata* (D'ORBIGNY), Sands of Wemmel, Strombeek-Bever (BV 1272), × 55
- FIG. 27. — *Lagena globosa* (MONTAGU), Sands of Wemmel, boring Woensdrecht 335 m, × 55
- FIG. 28. — *Entosolenia marginata* (WALKER and BOYS), Sands of Lede, Bambrugge (ZD 1017), × 80
- FIG. 29. — *Entosolenia orbignyana* (SEGUENZA), a, side view, b, peripheral view, Sands of Brussels, Lathuy (WA 1139), × 80
- FIG. 30. — *Guttulina problema* (D'ORBIGNY), a, b, opposite views, Sands of Lede, Bambrugge (ZD 1011), × 35
- FIG. 31. — *Guttulina problema* (D'ORBIGNY), a, b, opposite views, Sands of Wemmel, boring Wemmel 16-6 m, × 50
- FIG. 32. — *Guttulina problema* (D'ORBIGNY), a, b, opposite views, Sands of Wemmel, boring Wemmel 16-7 m, × 50

EXPLANATION OF PLATE VIII

- FIG. 1. — *Guttulina problema* (D'ORBIGNY), a, b, opposite views, Clays of Asse, Oedelem (BRB 237), ×55
- FIG. 2. — *Guttulina irregularis* (D'ORBIGNY), a, b, opposite views, Lower Panisel beds, boring Woensdrecht 434 m, ×35
- FIG. 3. — *Guttulina irregularis* (D'ORBIGNY), a, b, opposite views, Sands of Wommel, Strombeek-Bever (BV 1272), ×50
- FIG. 4. — *Guttulina pulchella* D'ORBIGNY, a, b, opposite views, Sands of Brussels, Saint-Job (BA 102), ×50
- FIG. 5. — *Guttulina lactea* (WALKER and JACOB), a, b, opposite views, Sands of Brussels, Diegem (BC 115), ×80
- FIG. 6. — *Globulina gibba* (D'ORBIGNY), a, b, opposite views, Sands of Wommel, boring Wommel 14-10 m, ×50
- FIG. 7. — *Globulina gibba* (D'ORBIGNY), a, b, opposite views, Sands of Wommel, boring Heist-op-den-Berg 129,50 m, ×50
- FIG. 8. — *Globulina gibba* (D'ORBIGNY) var. *punctata* D'ORBIGNY, Sands of Wommel, boring Heist-op-den-Berg 129,50 m, ×50
- FIG. 9. — *Globulina gibba* (D'ORBIGNY) var. *punctata* D'ORBIGNY, Barton beds, Alum Bay, Wight (PQR 1), ×50
- FIG. 10. — *Globulina gibba* (D'ORBIGNY) var. *myristiformis* (WILLIAMSON), a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 340), ×35
- FIG. 11. — *Globulina gravida* (TERQUEM), Sands of Wommel, boring Heist-op-den-Berg 124,50 m, ×35
- FIG. 12. — *Globulina gravida* (TERQUEM) var. *lineata* nov. var., holotype, Sands of Wommel, boring Mechelen no. 51, ×55
- FIG. 13. — *Pyrulina thouini* (D'ORBIGNY), a, b, opposite views, Sands of Lede, boring Brussegem no. 33, ×35
- FIG. 14. — *Pyrulina thouini* (D'ORBIGNY), a, b, opposite views, Sands of Wommel, boring Wommel 14-10 m, ×20
- FIG. 15. — *Sigmomorphina* sp. cf. *S. bornemanni* CUSHMAN and OZAWA, Sands of Lede, Asse (BL 1035), ×50
- FIG. 16. — *Sigmomorphina* sp. cf. *S. bornemanni* CUSHMAN and OZAWA, a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1011), ×55
- FIG. 17. — *Glandulina laevigata* (D'ORBIGNY), Barton beds, Barton (D 4), ×50
- FIG. 18. — *Dimorphina* sp., Sands of Lede, Bambrugge (ZD 1016), ×50
- FIG. 19. — *Bulimina parisiensis* nov. nom., a, b, opposite views, c, apertural view, Lutetian, Grignon (CAB 1261), ×75
- FIG. 20. — *Reussella limbata* (TERQUEM), a, side view, b, apertural view, Sands of Lede, boring Brussegem no. 33, ×75
- FIG. 21. — *Reussella limbata* (TERQUEM), a, side view, b, apertural view, Sands of Lede, Forest (BD 1258), ×75
- FIG. 22. — *Bolivina brabantica* nov. sp., holotype, a, side view, b, apertural view, Sands of Brussels, Lathuy (WA 1139), ×80
- FIG. 23. — *Bolivina pulchra* (TERQUEM), a, side view, b, apertural view, Sands of Mons-en-Pévèle, boring Mechelen no. 105, ×75
- FIG. 24. — *Bolivina pulchra* (TERQUEM), a, side view, b, apertural view, Sands of Mons-en-Pévèle, Mont-Saint-Aubert (DH 1210), ×80
- FIG. 25. — *Bolivina cookei* CUSHMAN, a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 1054), ×65
- FIG. 26. — *Bolivina cookei* CUSHMAN, a, side view, b, apertural view, Sands of Wommel, boring Wommel 14-9,50 m, ×80
- FIG. 27. — *Uvigerina batjesi* nov. sp., holotype, a, side view, b, apertural view, Sands of Mons-en-Pévèle, Mont-Saint-Aubert (DH 1210), ×80
- FIG. 28. — *Uvigerina batjesi* nov. sp., Clays of Roubaix, Luigne (KA 1093), ×80
- FIG. 29. — *Angulogerina abbreviata* (TERQUEM), a, side view, b, apertural view, Sands of Lede, boring Brussegem no. 33, ×80
- FIG. 30. — *Angulogerina abbreviata* (TERQUEM), a, b, side views, c, apertural view, Sands of Wommel, boring Wommel 14-10 m, ×75
-

EXPLANATION OF PLATE IX

- FIG. 1. — *Turrilina brevispira* TEN DAM, a, b, side views, Clays of Ieper, Kortemark (RA 253), ×100
- FIG. 2. — *Buliminella* sp. cf. *B. pulchra* (TERQUEM), a, b, side views, Sands of Lede, Bambrugge (ZD 1016), ×70
- FIG. 3. — *Bulimina parisiensis* nov. nom., a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 247), ×105
- FIG. 4. — *Bulimina parisiensis* nov. nom., a, side view, b, apertural view, Sands of Wemmel, boring Wemmel 14-10 m, ×100
- FIG. 5. — *Bulimina tenuistriata* TERQUEM, a, side view, b, apertural view, Lutetian, Daméry (Daméry-serratum), ×100
- FIG. 6. — *Bulimina ovata* D'ORBIGNY, a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 247), ×75
- FIG. 7. — *Reussella elongata* (TERQUEM), Sands of Wemmel, boring Wemmel 14-5,50 m, ×100
- FIG. 8. — *Reussella elongata* (TERQUEM), a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 340), ×110
- FIG. 9. — *Reussella elongata* (TERQUEM), a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1016), ×100
- FIG. 10. — *Reussella limbata* (TERQUEM), a, side view, b, apertural view, Sands of Wemmel, boring Wemmel 14-7 m, ×105
- FIG. 11. — *Reussella terquemi* CUSHMAN, a, side view, b, apertural view, Sands of Brussels, Lathuy (WA 165), ×100
- FIG. 12. — *Bolivina carinata* TERQUEM, a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1014), ×105
- FIG. 13. — *Bolivina carinata* TERQUEM, a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1016), ×105
- FIG. 14. — *Bolivina carinata* TERQUEM, a, side view, b, apertural view, Sands of Wemmel, boring Wemmel 14-10 m, ×100
- FIG. 15. — *Bolivina crenulata* CUSHMAN, a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1016), ×100
- FIG. 16. — *Bolivina crenulata* CUSHMAN, a, side view, b, apertural view, Clays of Asse, Gent (ZA 1243), ×105
- FIG. 17. — *Bolivina crenulata* CUSHMAN, a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1013), ×105
- FIG. 18. — *Bolivina anglica* CUSHMAN, a, side view, b, peripheral view, Sands of Mons-en-Pévèle, Maulde (DE 1204), ×105
- FIG. 19. — *Bolivina anglica* CUSHMAN, a, side view, b, apertural view, Sands of Wemmel, boring Wemmel 14-9,50 m, ×115
- FIG. 20. — *Loxostomum teretum* CUSHMAN, a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 247), ×75
- FIG. 21. — *Uvigerina farinosa* HANTKEN, a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 238), ×75
- FIG. 22. — *Uvigerina spinicostata* CUSHMAN and JARVIS, Clays of Asse, Oedelem (BRB 247), ×75
- FIG. 23. — *Uvigerina batjesi* nov. sp., Sands of Mons-en-Pévèle, Mont-Saint-Aubert (DH 1210), ×100
- FIG. 24. — *Angulogerina abbreviata* (TERQUEM), a, side view, b, apertural view, Sands of Wemmel, Strombeek-Bever (BV 1272), ×100
-

EXPLANATION OF PLATE X

- FIG. 1. — *Angulogerina abbreviata* (TERQUEM) var. *tubulifera* nov. var., holotype, a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 237), × 100
- FIG. 2. — *Angulogerina abbreviata* (TERQUEM) var. *tubulifera* nov. var., Clays of Asse, Oedelem (BRB 247), × 70
- FIG. 3. — *Angulogerina muralis* (TERQUEM), a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1017), × 110
- FIG. 4. — *Angulogerina muralis* (TERQUEM), a, b, side views, c, apertural view, Sands of Wemmel, Strombeek-Bever (BV 1272), × 110
- FIG. 5. — *Angulogerina* sp. cf. *A. ovata* (TERQUEM), a, side view, b, apertural view, Sands of Brussels, Saint-Job (BA 106), × 100
- FIG. 6. — *Trifarina wilcoxensis* (CUSHMAN and PONTON), a, b, side views, c, apertural view, Sands of Wemmel, Strombeek-Bever (BV 1272), × 75
- FIG. 7. — *Trifarina wilcoxensis* (CUSHMAN and PONTON), a, b, side views, Sands of Wemmel, boring Brussegem no. 25, × 75
- FIG. 8. — *Bifarina selseyensis* (HERON-ALLEN and EARLAND), a, side view, b, apertural view, Upper Bracklesham beds, Whitecliff Bay (EG 1), × 100
- FIG. 9. — *Bifarina selseyensis* (HERON-ALLEN and EARLAND), a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 1013), × 100
- FIG. 10. — *Bifarina selseyensis* (HERON-ALLEN and EARLAND), a, side view, b, apertural view, Sands of Lede, Bambrugge (ZD 340), × 100
- FIG. 11. — *Robertina germanica* CUSHMAN and PARKER, a, b, opposite sides, Barton beds, Barton (EG 113), × 95
- FIG. 12. — *Robertina germanica* CUSHMAN and PARKER, a, b, opposite sides, Clays of Asse, Oedelem (BRB 1056), × 70
- FIG. 13. — *Seabrookia lagenoides* TEN DAM, Sands of Lede, boring Hoboken no. 19, × 100
- FIG. 14. — *Nonion scaphum* (FICHTEL and MOLL), a, side view, b, apertural view, Sands of Mons-en-Pévèle, Mont-Saint-Aubert (DH 1212), × 85
- FIG. 15. — *Nonion graniferum* (TERQUEM), a, side view, b, apertural view, Sands of Wemmel, boring Brussegem no. 26, × 120
- FIG. 16. — *Discorbis limbata* (TERQUEM), a, dorsal view, b, ventral view, c, peripheral view, Sands of Wemmel, boring Wemmel 14-10 m, × 120
- FIG. 17. — *Discorbis quadrata* (TERQUEM), a, dorsal view, b, ventral view, c, peripheral view, Lutelian, Grignon (CAB 1000), × 70
- FIG. 18. — *Discorbis* sp. cf. *D. ferganensis* BYKOVA, a, dorsal view, b, ventral view, c, peripheral view, Sands of Brussels, Diegem (BC 115), × 120
-

EXPLANATION OF PLATE XI

- FIG. 1. — *Pullenia quinqueloba* (REUSS), a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 1057), × 90
- FIG. 2. — *Pullenia quinqueloba* (REUSS), a, side view, b, apertural view, Clays of Ieper, boring Woensdrecht 536 m, × 55
- FIG. 3. — *Nonion affine* (REUSS), a, side view, b, apertural view, Clays of Asse, Oedelem (BRB 1057), × 55
- FIG. 4. — *Nonion affine* (REUSS), a, side view, b, apertural view, Sands of Mons-en-Pévèle, Hyon (MMV 79), × 95
- FIG. 5. — *Nonion scaphum* (FICHTEL and MOLL), a, side view, b, apertural view, Sands of Wommel, Strombeek-Bever (BV 1272), × 50
- FIG. 6. — *Nonionella wommelensis* nov. sp., holotype, a, b, side views, c, apertural view, Sands of Wommel, boring Wommel 48-22 m, × 90
- FIG. 7. — *Nonionella spissa* CUSHMAN, a, b, side views, c, apertural view, Sands of Brussels, Lathuy (WA 1139), × 90
- FIG. 8. — *Nonionella spissa* CUSHMAN, a, b, side views, c, apertural view, Sands of Wommel, boring Wommel 14-5 m, × 90
- FIG. 9. — *Discorbis parisiensis* (D'ORBIGNY), a, dorsal view, b, ventral view, c, peripheral view, Lutetian, Grignon (CAB 1002), × 55
- FIG. 10. — *Discorbis parisiensis* (D'ORBIGNY), a, dorsal view, b, ventral view, c, peripheral view, Lutetian, Daméry-serratum, × 55
- FIG. 11. — *Discorbis vesicularis* (LAMARCK), a, dorsal view, b, ventral view, c, peripheral view, Lutetian, Grignon (CAB 1261), × 45
- FIG. 12. — *Discorbis vesicularis* (LAMARCK), a, dorsal view, b, ventral view, c, peripheral view, Lutetian, Grignon (CAB 1002), × 30
- FIG. 13. — *Discorbis vesicularis* (LAMARCK), a, dorsal view, b, ventral view, c, peripheral view, Lutetian, Daméry-serratum, × 20
- FIG. 14. — *Eponides schreibersi* (D'ORBIGNY), a, dorsal view, b, ventral view, c, peripheral view, Sands of Wommel, Strombeek-Bever (BV 1272), × 30
- FIG. 15. — *Eponides schreibersi* (D'ORBIGNY), a, dorsal view, b, ventral view, c, peripheral view, Sands of Wommel, boring Wommel 14-9,50 m, × 35
-

EXPLANATION OF PLATE XII

- FIG. 1. — *Eponides polygonus* Y. LE CALVEZ, a, dorsal view, b, ventral view, c, peripheral view, Sands of Wommel, boring Wommel 48-23,50 m, ×60
- FIG. 2. — *Eponides toulmini* BROTZEN, a, dorsal view, b, ventral view, c, peripheral view, Lutetian, Grignon (CAB 1000), ×80
- FIG. 3. — *Eponides plummerae* CUSHMAN, a, dorsal view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 485 m, ×80
- FIG. 4. — *Gyroidina angustiumbilitata* TEN DAM, a, dorsal view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 535 m, ×85
- FIG. 5. — *Gyroidina* sp. cf. *G. soldanii* (D'ORBIGNY), a, dorsal view, b, ventral view, c, peripheral view, Clays of Asse, Oedelem (BRB 1054), ×45
- FIG. 6. — *Cancris subconicus* (TERQUEM), a, dorsal view, b, ventral view, c, peripheral view, Sands of Lede, Bambrugge (ZD 1012), ×55
- FIG. 7. — *Cancris subconicus* (TERQUEM), a, dorsal view, b, ventral view, c, peripheral view, Lower Panisel beds, boring Woensdrecht 398 m, ×55
- FIG. 8. — *Cancris subconicus* (TERQUEM), a, dorsal view, b, ventral view, c, peripheral view, Sands of Mons-en-Pévèle, Hyon (MMV 79), ×55
- FIG. 9. — *Cancris auriculus* (FICHTEL and MOLL) var. *primitivus* CUSHMAN and TODD, a, dorsal view, b, ventral view, c, peripheral view, Sands of Wommel, boring Wommel 48-22 m, ×55
- FIG. 10. — *Cancris auriculus* (FICHTEL and MOLL) var. *primitivus* CUSHMAN and TODD, a, dorsal view, b, ventral view, c, peripheral view, Clays of Asse, Oedelem (BRB 1055), ×55
- FIG. 11. — *Anomalina auris* Y. LE CALVEZ, a, dorsal view, b, ventral view, c, peripheral view, Sands of Lede, Bambrugge (ZD 340), ×55
- FIG. 12. — *Anomalina acuta* PLUMMER, a, dorsal view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 540 m, ×85
- FIG. 13. — *Anomalina acuta* PLUMMER var. *ypresiensis* (TEN DAM), a, dorsal view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 542 m, ×85
- FIG. 14. — *Anomalina grosserugosa* (GÜMBEL), a, dorsal view, b, ventral view, c, peripheral view, Sands of Brussels, Nalannes (THB 1190), ×55
- FIG. 15. — *Cibicides dutemplei* (D'ORBIGNY), a, dorsal view, b, ventral view, c, peripheral view, Clays of Asse, Oedelem (BRB 247), ×45
-

EXPLANATION OF PLATE XIII

- FIG. 1. — *Eponides umbonatus* (REUSS), a, dorsal view, b, ventral view, c, peripheral view, Clays of Asse, Oedelem (BRB 247), × 80
- FIG. 2. — *Gyroidina octocamerata* CUSHMAN and HANNA, a, dorsal view, b, ventral view, c, peripheral view, Sands of Brussels, Forest (BD 393), × 110
- FIG. 3. — *Baggina* sp. cf. *B. parisiensis* (D'ORBIGNY), a, dorsal view, b, ventral view, Lutetian, Grignon (CAB 1000), × 90
- FIG. 4. — *Anomalina acuta* PLUMMER var. *anomalinoides* (TEN DAM), a, dorsal view, b, ventral view, c, peripheral view, Sands of Wommel, Strombeek-Bever (BV 1272), × 70
- FIG. 5. — *Anomalina* sp. cf. *A. danica* (BROTZEN), a, dorsal view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 583 m, × 75
- FIG. 6. — *Cibicides westi* HOWE, a, dorsal view, b, ventral view, c, peripheral view, Sands of Brussels, Saint-Job (BA 105), × 75
- FIG. 7. — *Cibicides westi* HOWE, a, dorsal view, b, ventral view, c, peripheral view, Sands of Brussels, Plancenoit (NK 1159), × 75
- FIG. 8. — *Cibicides vialovi* BYKOVA, a, dorsal view, b, ventral view, c, peripheral view, Barton beds, Alum Bay (D 4), × 75
- FIG. 9. — *Cibicides proprius* (BROTZEN), a, side view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 549 m, × 60
- FIG. 10. — *Cibicides proprius* (BROTZEN) var. *acutimargo* TEN DAM, a, dorsal view, b, ventral view, c, peripheral view, Lower Panisel beds, boring Woensdrecht 391 m, × 60
- FIG. 11. — *Cibicides sulzensis* (HERRMANN), a, dorsal view, b, ventral view, c, peripheral view, Sands of Wommel, boring Woensdrecht 335 m, × 60
- FIG. 12. — *Cibicides* sp. cf. *C. tallahatensis* BANDY, a, dorsal view, b, ventral view, c, peripheral view, Sands of Brussels, Spy (NNA 1151), × 30
- FIG. 13. — *Hanzawaia producta* (TERQUEM), a, dorsal view, b, ventral view, c, peripheral view, Sands of Lede, Balegem (ZG 1025), × 60
- FIG. 14. — *Alabama wilcoxensis* TOULMIN, a, dorsal view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 488 m, × 60
- FIG. 15. — *Alabama obtusa* (BURROWS and HOLLAND), a, dorsal view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 535 m, × 60
-

EXPLANATION OF PLATE XIV

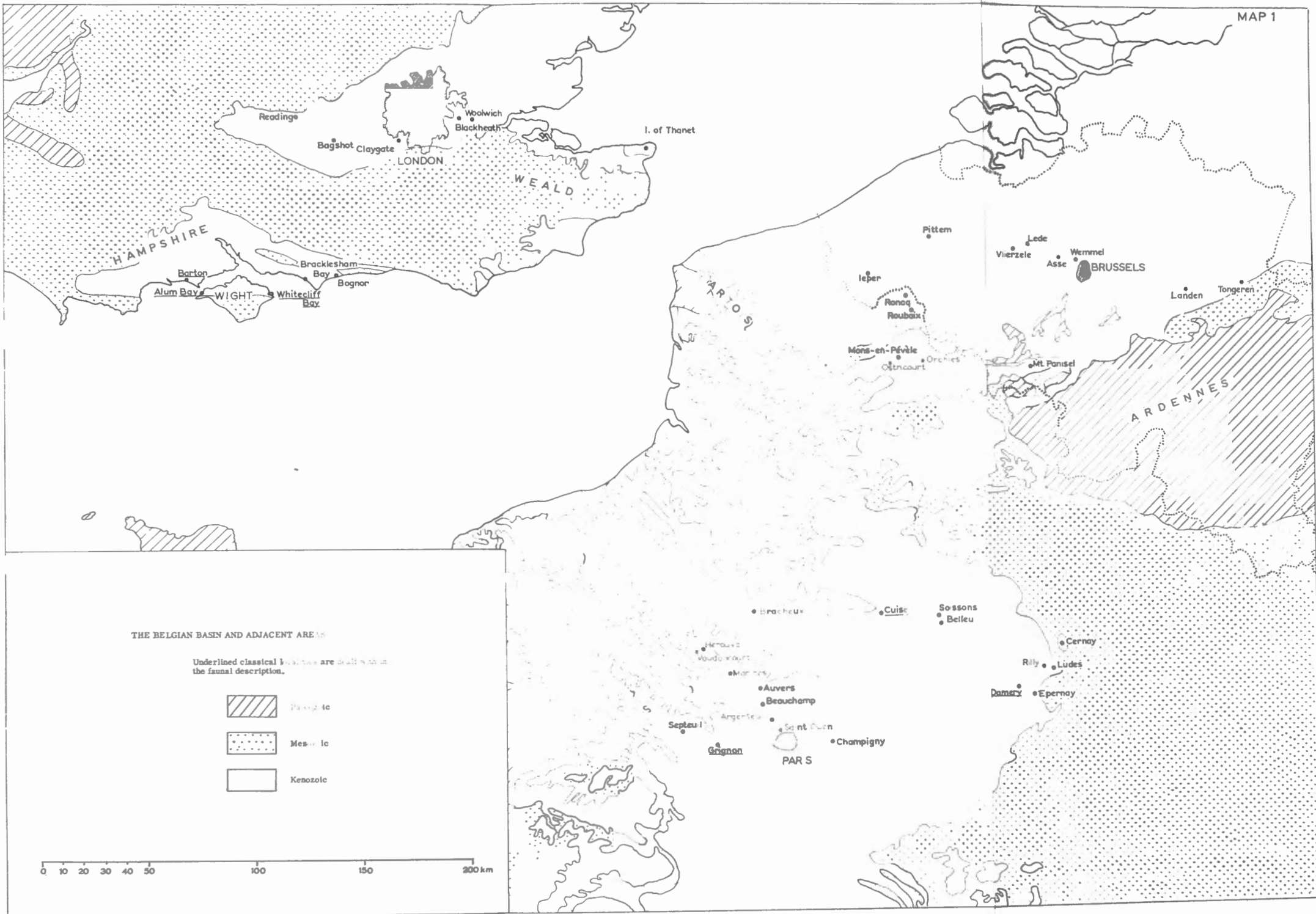
- FIG. 1. — *Cibicides pygmeus* (HANTKEN), a, dorsal view, b, ventral view, c, peripheral view, Upper Bracklesham beds, Whitecliff Bay (EG 1), ×55
- FIG. 2. — *Cibicides* sp. cf. *C. tenellus* (REUSS), a, dorsal view, b, ventral view, c, peripheral view, Sands of Wemmél, boring Wemmél 14-10 m, ×45
- FIG. 3. — *Cibicides* sp. cf. *C. ungerianus* (D'ORBIGNY), a, dorsal view, b, ventral view, c, peripheral view, Sands of Wemmél, boring Asse no. 35, ×45
- FIG. 4. — *Cibicides* sp. cf. *C. dutemplei* (D'ORBIGNY), a, dorsal view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 592 m, ×70
- FIG. 5. — *Cibicides lobatulus* (WALKER and JACOB), a, dorsal view, b, ventral view, c, peripheral view, Sands of Brussels, Saint-Job (BA 102), ×45
- FIG. 6. — *Cibicides carinatus* (TERQUEM), a, dorsal view, b, ventral view, c, peripheral view, Sands of Lede, Bambrugge (ZD 1014), ×45
- FIG. 7. — *Cibicides proprius* (BROTZEN) var. *acutimargo* TEN DAM, a, dorsal view, b, ventral view, c, peripheral view, Sands of Lede, Bambrugge (ZD 342), ×45
- FIG. 8. — *Cibicides* sp. cf. *C. mauricensis* HOWE and ROBERTS, a, dorsal view, b, ventral view, c, peripheral view, Sands of Brussels, Saint-Job (BA 105), ×45
- FIG. 9. — *Planulina burlingtonensis* (JENNINGS), a, dorsal view, b, ventral view, c, peripheral view, Sands of Wemmél, Strombeek-Bever (BV 1272), ×50
- FIG. 10. — *Planulina burlingtonensis* (JENNINGS), a, dorsal view, b, ventral view, c, peripheral view, Sands of Wemmél, Strombeek-Bever (BV 1272), ×45
- FIG. 11. — *Planulina burlingtonensis* (JENNINGS) var. *neelyi* (JENNINGS), a, dorsal view, b, ventral view, c, peripheral view, Sands of Mons-en-Pévèle, boring Woensdrecht 474 m, ×55
- FIG. 12. — *Planulina burlingtonensis* (JENNINGS) var. *tendami* nov. var., holotype, a, dorsal view, b, ventral view, c, peripheral view, Lower Panisel beds, boring Woensdrecht 385 m, ×45
- FIG. 13. — *Alabamina wolterstorffi* (FRANKE), a, dorsal view, b, ventral view, c, peripheral view, Sands of Brussels, Nalinnes (THB 1189), ×45
- FIG. 14. — *Epistominella acutimargo* (HALKYARD), a, dorsal view, b, ventral view, c, peripheral view, Clays of Asse, Oedelem (BRB 1056), ×30
- FIG. 15. — *Siphonina lamarckana* CUSHMAN, a, dorsal view, b, ventral view, c, peripheral view, Sands of Wemmél, boring Wemmél 14-7 m, ×75
- FIG. 16. — *Karrerria fallax* RHEZAK, a, dorsal view, b, ventral view, c, peripheral view, Sands of Mons-en-Pévèle, Mons-en-Pévèle (CAG 1249), ×45
-

EXPLANATION OF PLATE XV

- FIG. 1. — *Epistominella oveyi* (BHATIA), a, dorsal view, b, ventral view, c, peripheral view, Lower Panisel beds, boring Woensdrecht 391 m, × 60
- FIG. 2. — *Siphonina prima* PLUMMER, a, dorsal view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 550 m, × 75
- FIG. 3. — *Lamarckina cristellaroides* TERQUEM, a, dorsal view, b, ventral view, c, peripheral view, Lutetian, Grignon (CAB 1261), × 75
- FIG. 4. — *Lamarckina cristellaroides* TERQUEM, a, dorsal view, b, ventral view, c, peripheral view, Sands of Lede, Bambrugge (ZD 1013), × 60
- FIG. 5. — *Asterigerina* sp. cf. *A. glabra* (BERMUDEZ), a, dorsal view, b, ventral view, c, peripheral view, Sands of Lede, Bambrugge (ZD 1017), × 115
- FIG. 6. — *Asterigerina* sp., a, ventral view, b, dorsal view, c, peripheral view, Sands of Wemmel, boring Wemmel 14-10,50 m, × 110
- FIG. 7. — *Globigerina* sp. cf. *G. angustumbilicata* BOLLI, a, dorsal view, b, ventral view, c, peripheral view, Sands of Wemmel, boring Wemmel 14-9,50 m, × 75
- FIG. 8. — *Globigerina* sp. cf. *G. angustumbilicata* BOLLI, a, dorsal view, b, ventral view, c, peripheral view, Sands of Wemmel, boring Wemmel 48-23,50 m, × 75
- FIG. 9. — *Globigerina* sp. cf. *G. varianta* SUBBOTINA, a, dorsal view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 536 m, × 75
- FIG. 10. — *Globigerina* sp. cf. *G. varianta* SUBBOTINA, a, dorsal view, b, ventral view, c, peripheral view, Clays of Ieper, boring Woensdrecht 536 m, × 110
- FIG. 11. — *Globigerinoides* sp. cf. *G. daubjergensis* (BRONNIMANN), a, dorsal view, b, ventral view, c, peripheral view, Sands of Mons-en-Pévèle, Mons-en-Pévèle (CAG 1249), × 110
- FIG. 12. — *Gümbelina* sp., a, side view, b, apertural view, Clays of Roubaix, Ploegsteert (LLA 1087), × 100
- FIG. 13. — *Elphidium latidorsatum* (REUSS), a, side view, b, apertural view, Sands of Mons-en-Pévèle, boring Woensdrecht 473 m, × 45
- FIG. 14. — *Elphidium latidorsatum* (REUSS), a, side view, b, apertural view, Barton beds, Alum Bay (D 5), × 45
-




EXPLANATION OF PLATE XVI

- FIG. 1. — *Asterigerina* sp. cf. *A. guerrai* (BERMUDEZ), a, dorsal view, b, ventral view, c, peripheral view, Sands of Mons-en-Pévèle, Mont-Saint-Aubert (DH 1212), × 45
- FIG. 2. — *Asterigerina bartoniana* (TEN DAM), a, dorsal view, b, ventral view, c, peripheral view, Clays of Roubaix, Luvingne (KA 1093), × 30
- FIG. 3. — *Asterigerina bartoniana* (TEN DAM), a, dorsal view, b, ventral view, c, peripheral view, Clays of Asse, Oedelem (BRB 237), × 30
- FIG. 4. — *Asterigerina wilcoxensis* CUSHMAN and GARRETT, a, dorsal view, b, ventral view, c, peripheral view, Clays of Roubaix, Luvingne (KA 1093), × 85
- FIG. 5. — *Hastigerina micra* (COLE), a, side view, b, peripheral view, Clays of Asse, Oedelem (BRB 1055), × 130
- FIG. 6. — *Hastigerina micra* (COLE), a, side view, b, peripheral view, Clays of Asse, Oedelem (BRB 247), × 130
- FIG. 7. — *Globigerina triloculinoides* PLUMMER, a, dorsal view, b, ventral view, c, oblique peripheral view, Sands of Mons-en-Pévèle, Godarville (CO 62), × 85
- FIG. 8. — *Rotalia audouini* D'ORBIGNY, a, dorsal view, b, ventral view, c, peripheral view, Sands of Lede, Bambrugge (ZD 1016), × 55
- FIG. 9. — *Rotalia audouini* D'ORBIGNY, a, dorsal view, b, ventral view, c, peripheral view, Sands of Lede, Bambrugge (ZD 1017), × 35
- FIG. 10. — *Rotalia audouini* D'ORBIGNY, a, dorsal view, b, ventral view, c, peripheral view, Sands of Lede, Bambrugge (ZD 1017), × 50
- FIG. 11. — *Rotalia* sp. cf. *R. calvezae* (LOEBLICH and TAPPAN), a, dorsal view, b, ventral view, c, peripheral view, Lower Panisel beds, boring Woensdrecht 401 m, × 85
- FIG. 12. — *Rotalia propingua* REUSS, a, dorsal view, b, ventral view, c, peripheral view, Sands of Lede, boring Woensdrecht 354 m, × 85
- FIG. 13. — *Rotalia thouini* D'ORBIGNY, a, dorsal view, b, ventral view, c, peripheral view, Sands of Mons-en-Pévèle, Hyon (MMV 1201), × 30
- FIG. 14. — *Gyroidinella magna* Y. LE CALVEZ, a, dorsal view, b, ventral view, c, peripheral view, Sands of Brussels, Nalannes (THB 1190), × 25
- FIG. 15. — *Elphidium laeve* (D'ORBIGNY), a, side view, b, peripheral view, Lutetian, Grignon (CAB 1001), × 40
- FIG. 16. — *Elphidium laeve* (D'ORBIGNY), a, side view, b, peripheral view, Sands of Brussels, Saint-Job (BA 105), × 65
- FIG. 17. — *Elphidium subnodosum* (ROEMER), a, side view, b, peripheral view, Barton beds, Alum Bay (PQR 1), × 60
- FIG. 18. — *Elphidium subnodosum* (ROEMER), a, side view, b, peripheral view, Barton beds, Barton (D 1), × 55
-

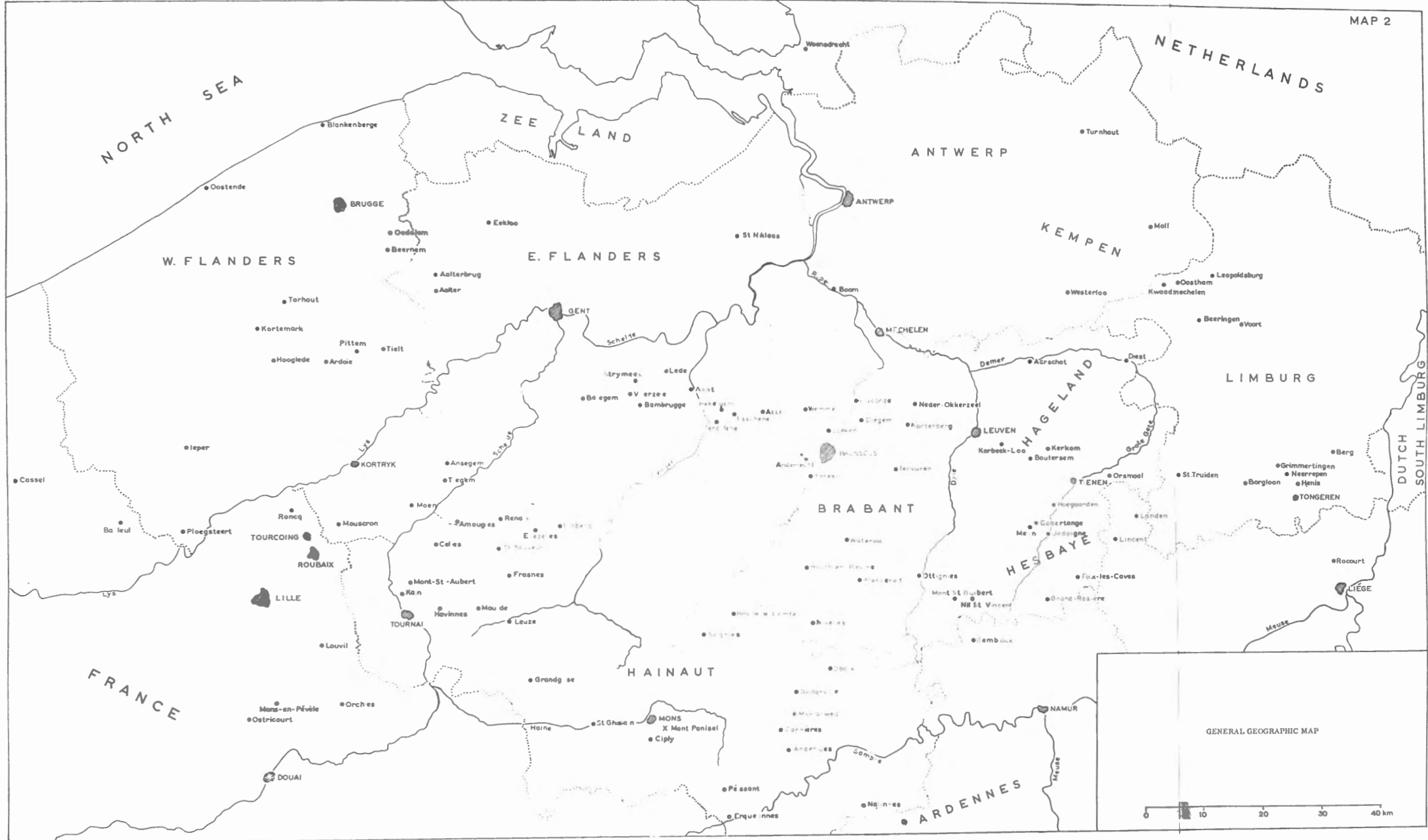


THE BELGIAN BASIN AND ADJACENT AREAS

Underlined classical localities are dealt with in the faunal description.

-  Palaeozoic
-  Mesozoic
-  Cenozoic










0 10 20 30 40 50 100 150 200 km

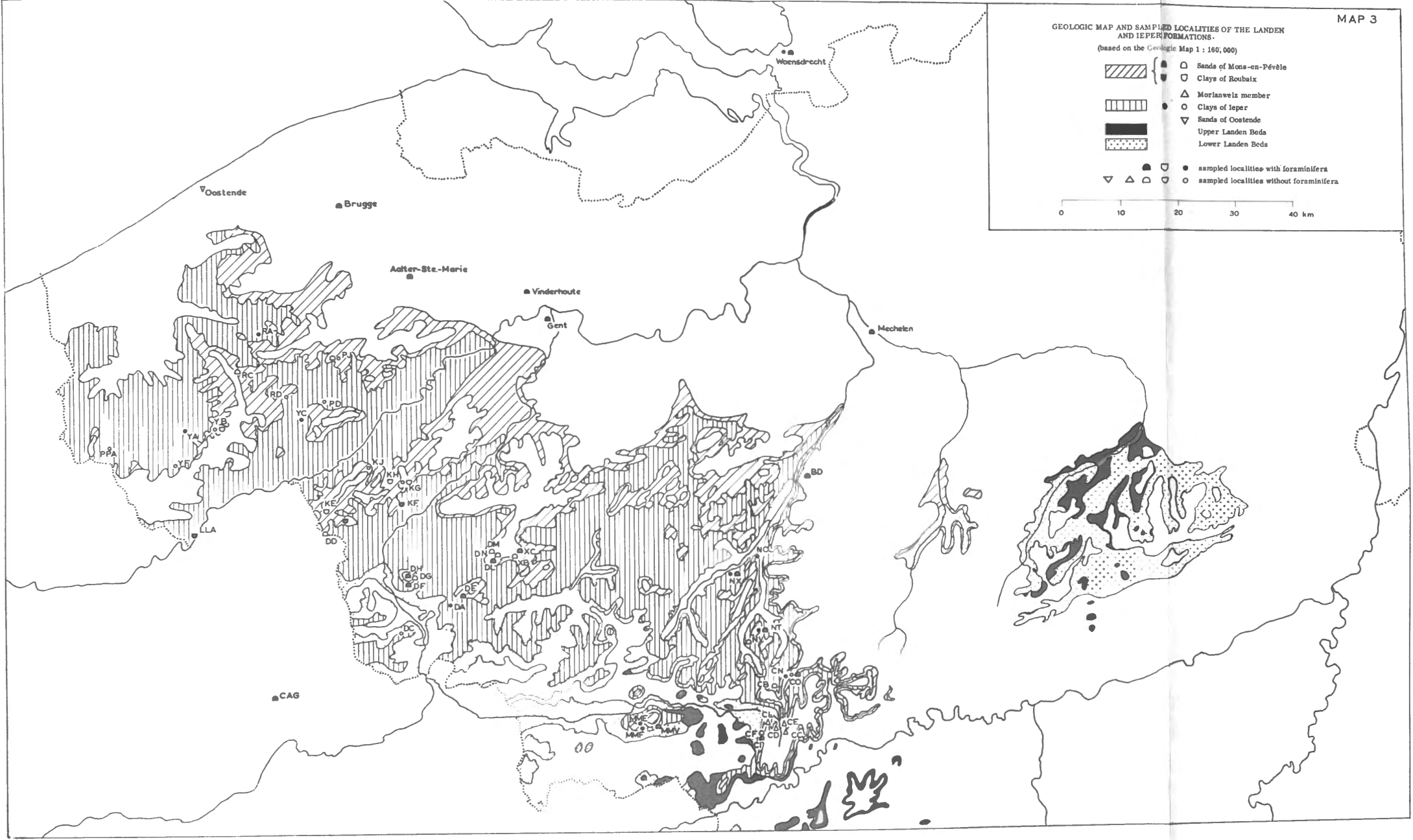
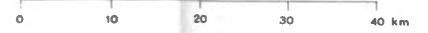


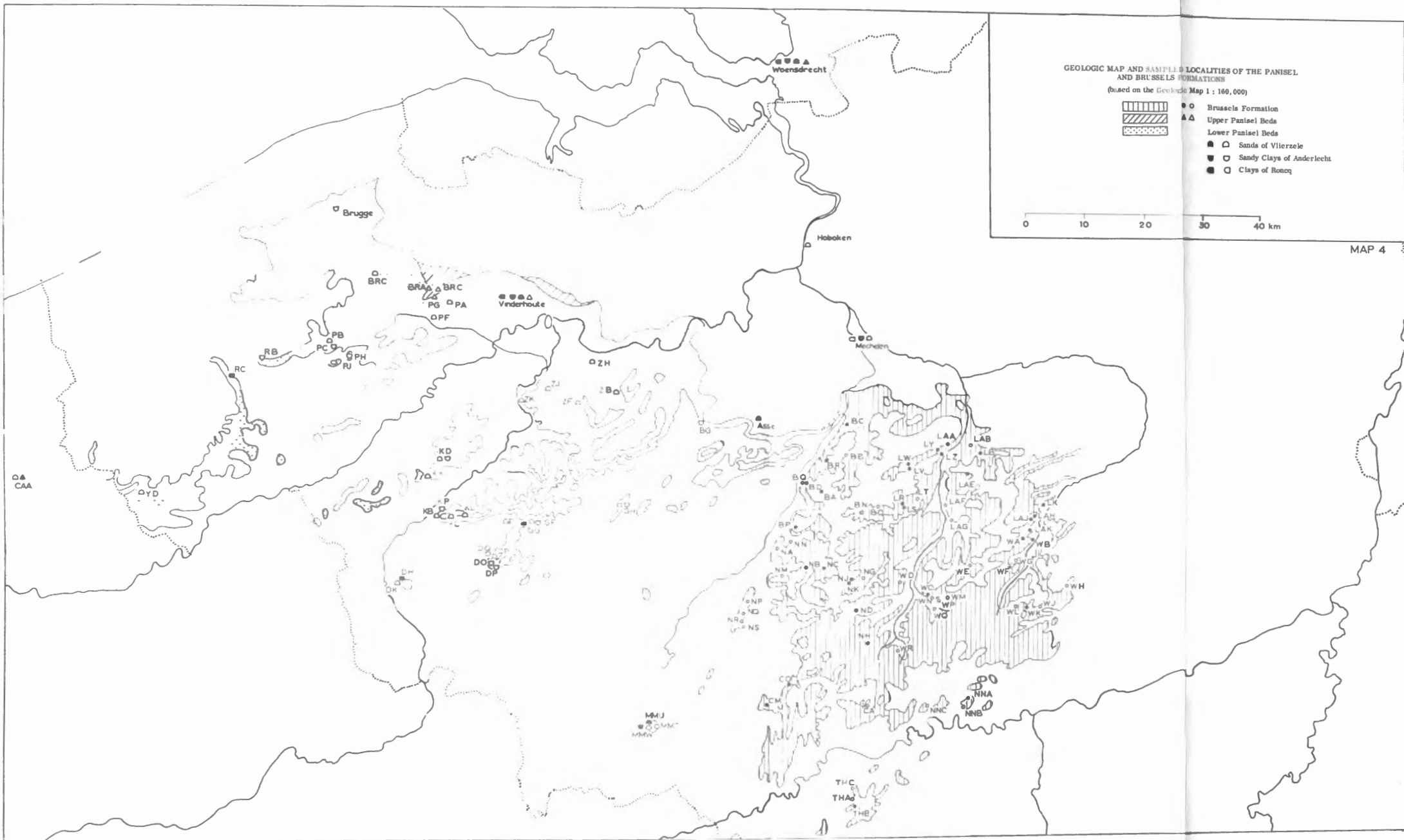
GENERAL GEOGRAPHIC MAP

GEOLOGIC MAP AND SAMPLED LOCALITIES OF THE LANDEN AND JEPEL FORMATIONS.

(based on the Geologic Map 1 : 160,000)







-  Sands of Mons-en-Pévèle
-  Clays of Roubaix
-  Morlanwelz member
-  Clays of Jeper
-  Sands of Oostende
-  Upper Landen Beds
-  Lower Landen Beds
-  sampled localities with foraminifera
-  sampled localities without foraminifera



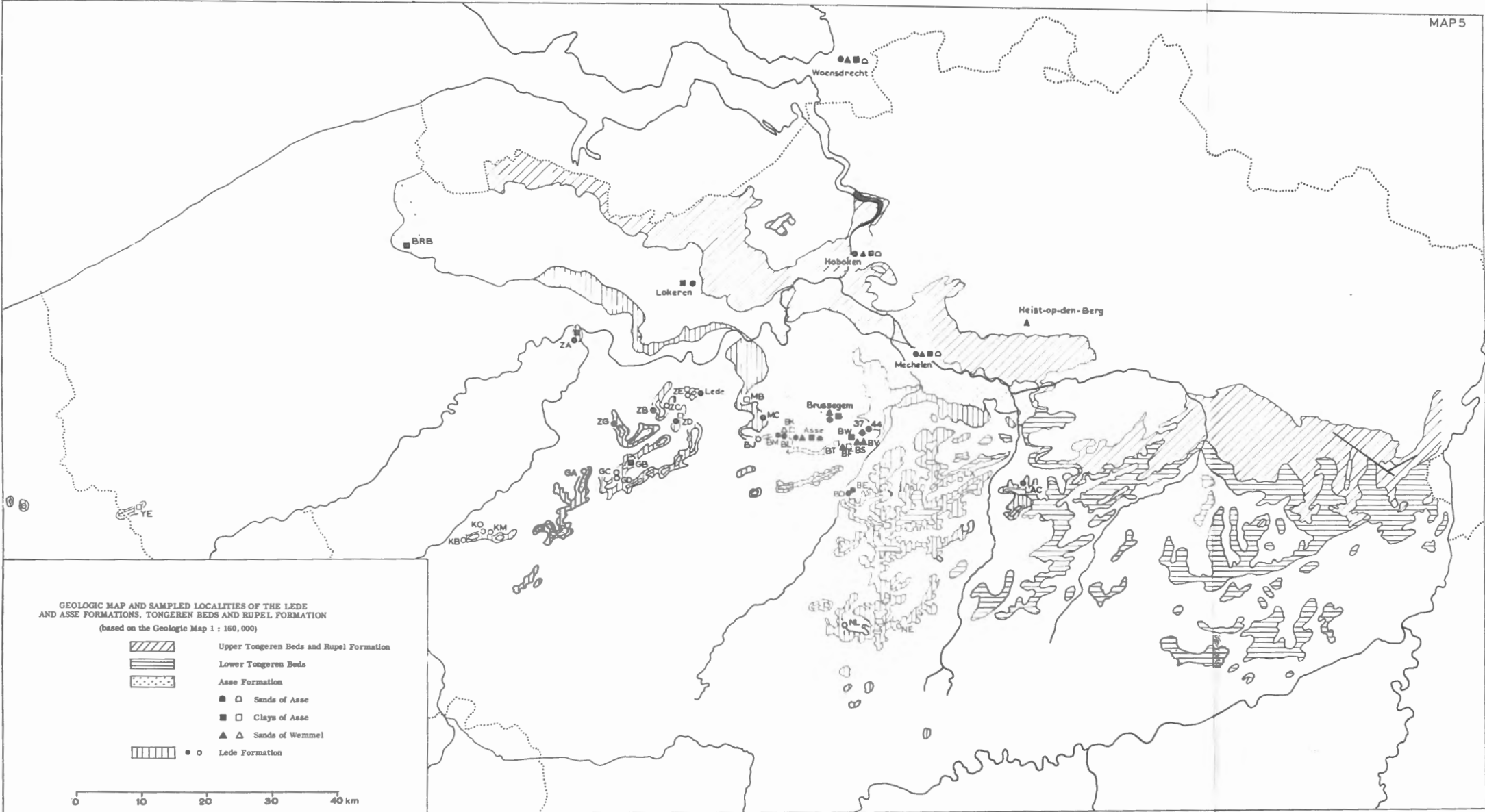


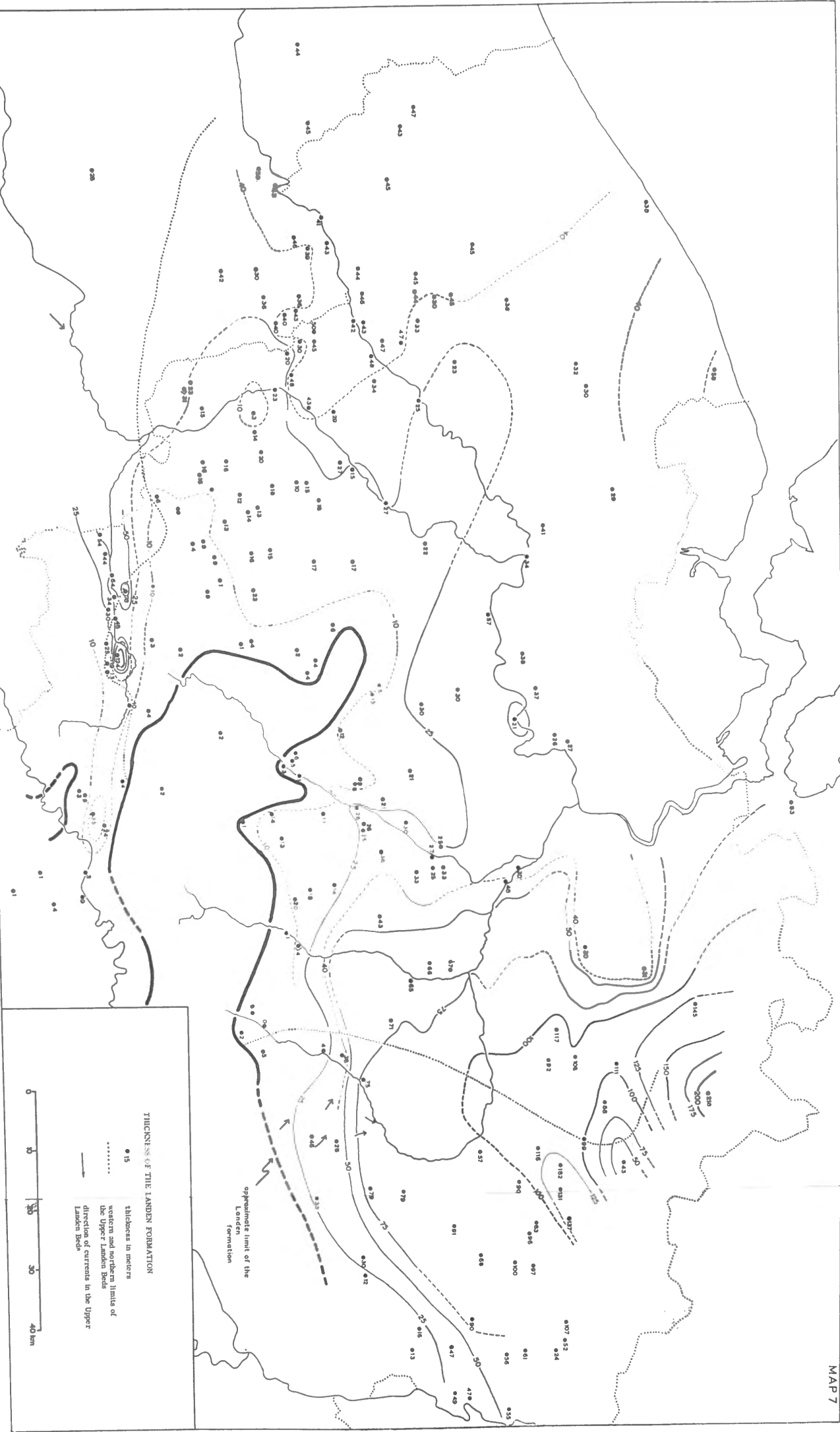
GEOLOGIC MAP AND SAMPLE LOCALITIES OF THE PANISEL AND BRUSSELS FORMATIONS

(based on the Geologic Map 1 : 100,000)

-  ○ Brussels Formation
-  ▲ Upper Panisel Beds
-  Lower Panisel Beds
-  ○ Sands of Vlierzele
-  ○ Sandy Clays of Anderlecht
-  ○ Clays of Roncq



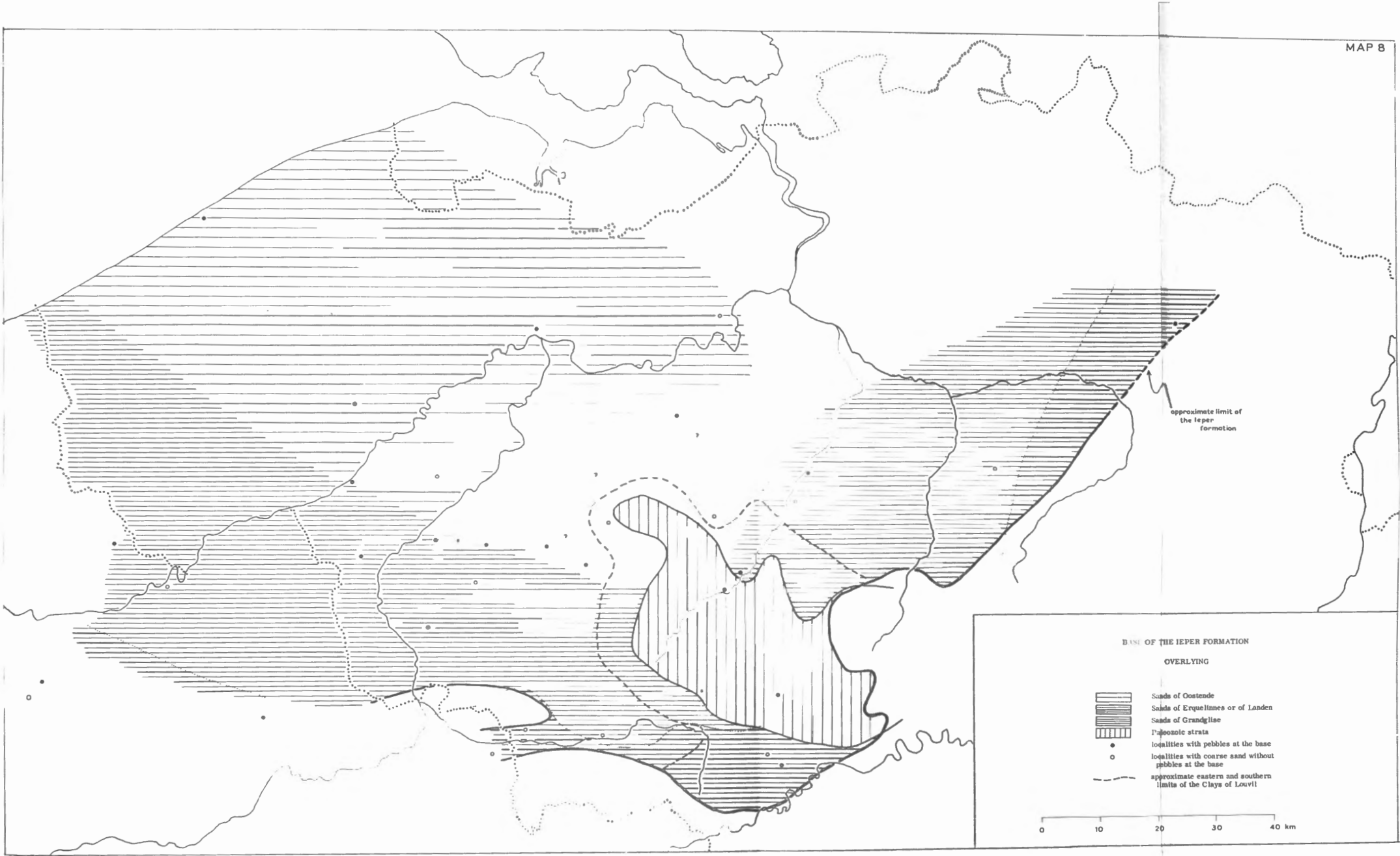




THICKNESS OF THE LARDEN FORMATION

- 15 thickness in meters
- western and northern limits of the Upper Larden Beds
- direction of currents in the Upper Larden Beds












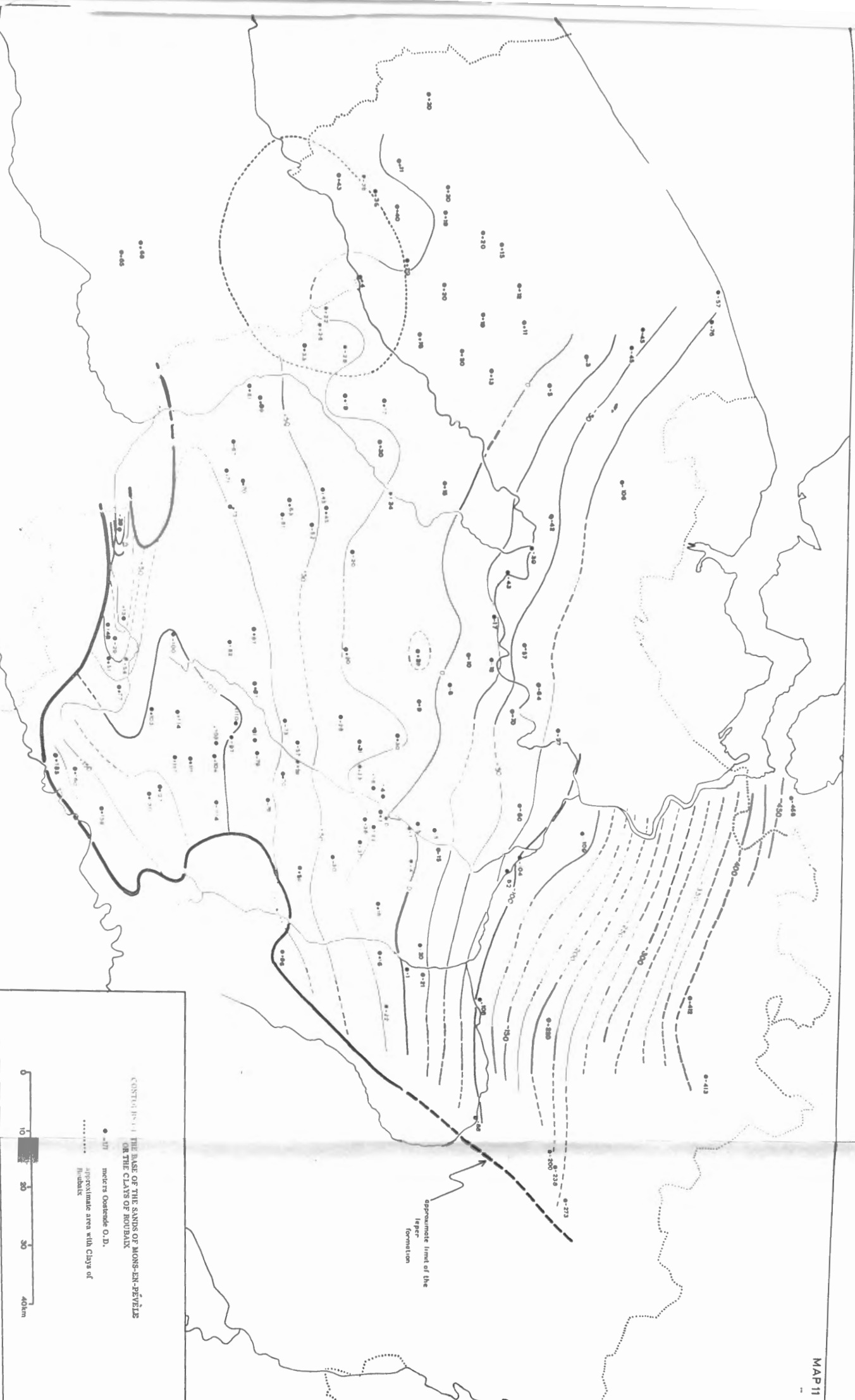
approximate limit of the Ieper formation

BASE OF THE IEPER FORMATION

OVERLYING

-  Sands of Oostende
-  Sands of Erquennes or of Landen
-  Sands of Grand'Isle
-  Paleozoic strata
-  localities with pebbles at the base
-  localities with coarse sand without pebbles at the base
-  approximate eastern and southern limits of the Clays of Louvi



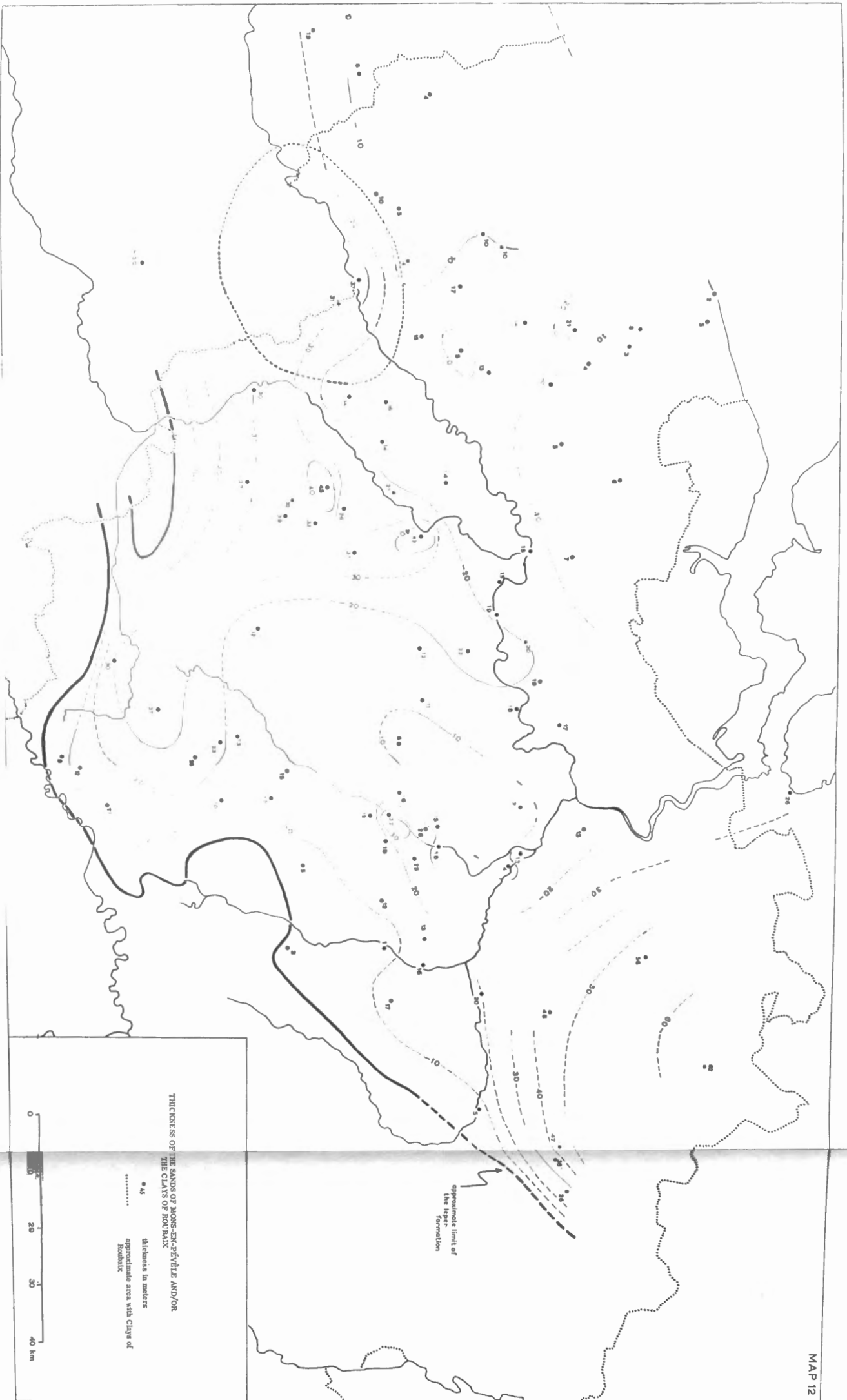


CENTRE 13-1 THE BASE OF THE SANDS OF MONS-EN-PÉVÈLE ON THE CLAYS OF HOUBAIN

- 137 meters Oostende O.D.
- approximate area with clays of Houbain



approximate limit of the repton formation

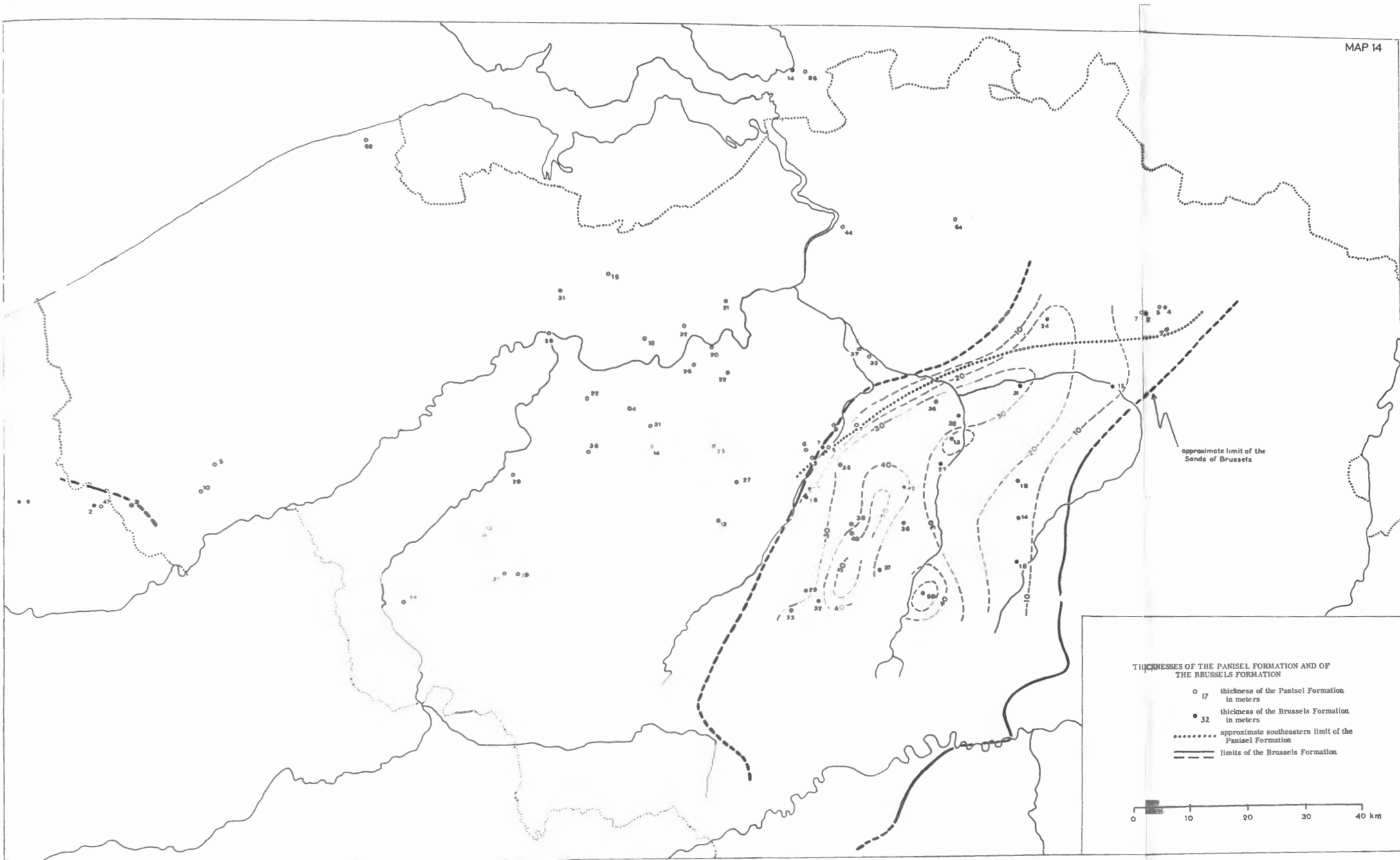


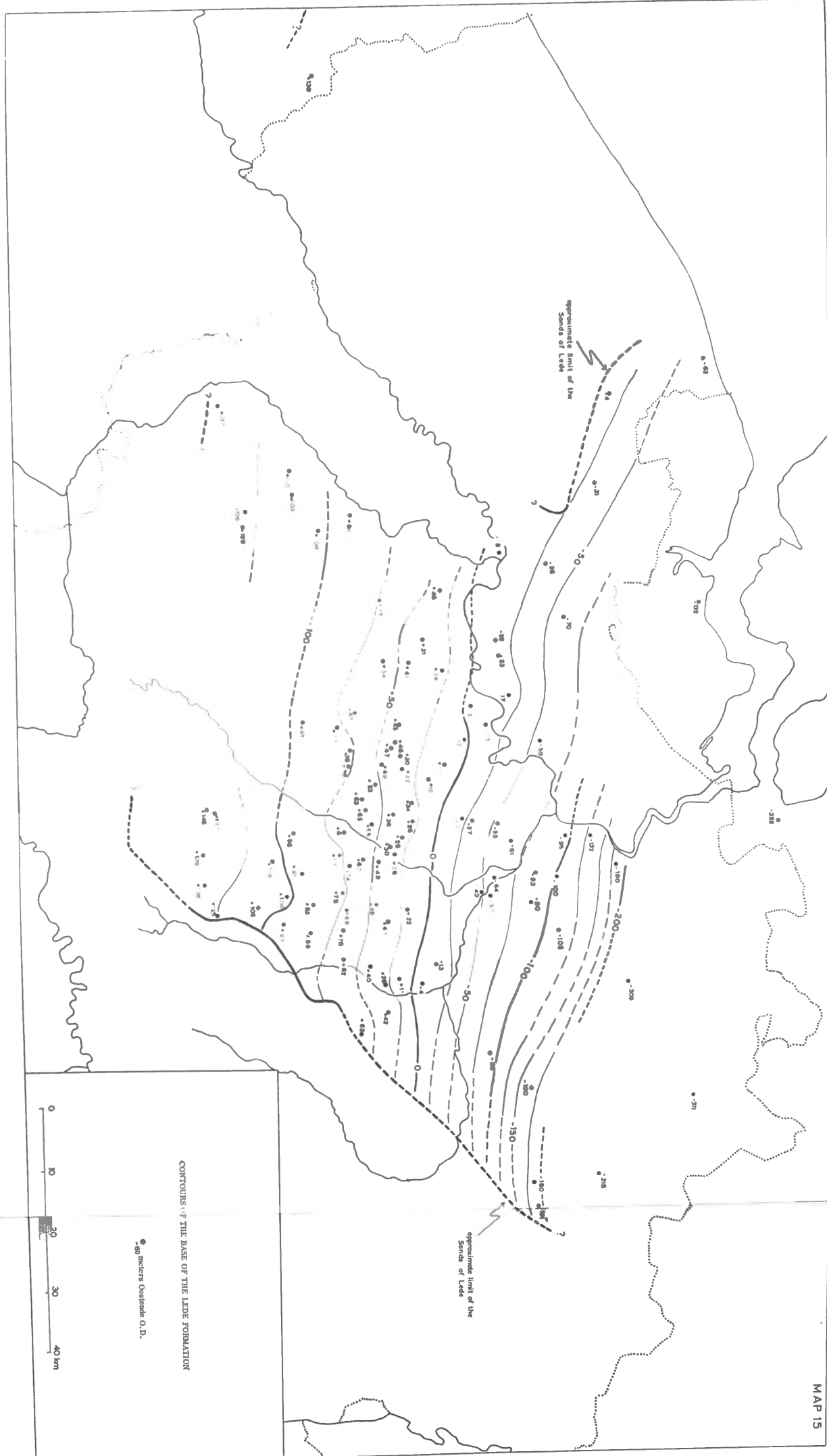
THICKNESS OF THE SANDS OF MORS-EN-PEVÈLE AND/OR THE CLAYS OF ROUBAIX

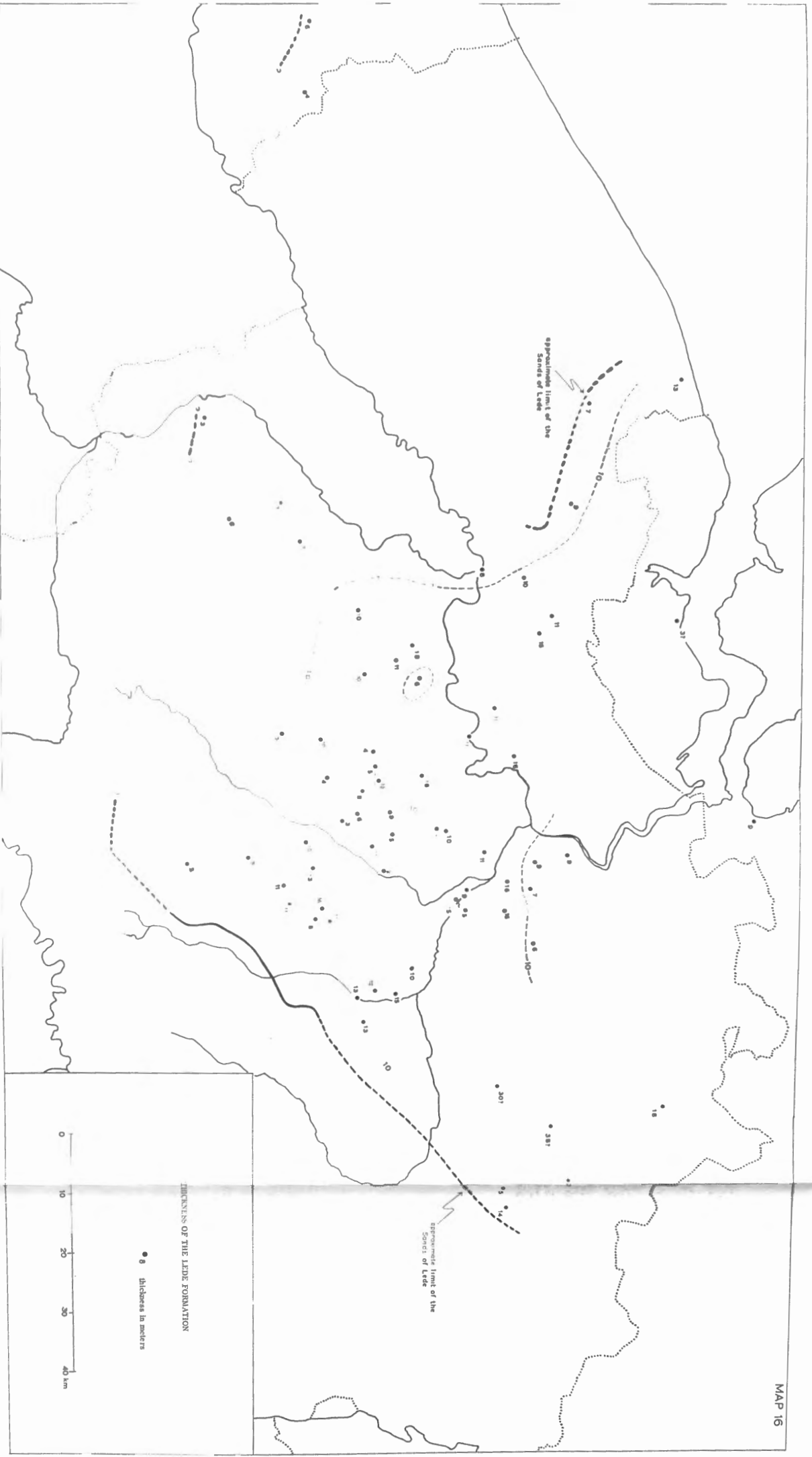
• 46 thickness in meters
----- approximate area with Clays of Roubaix

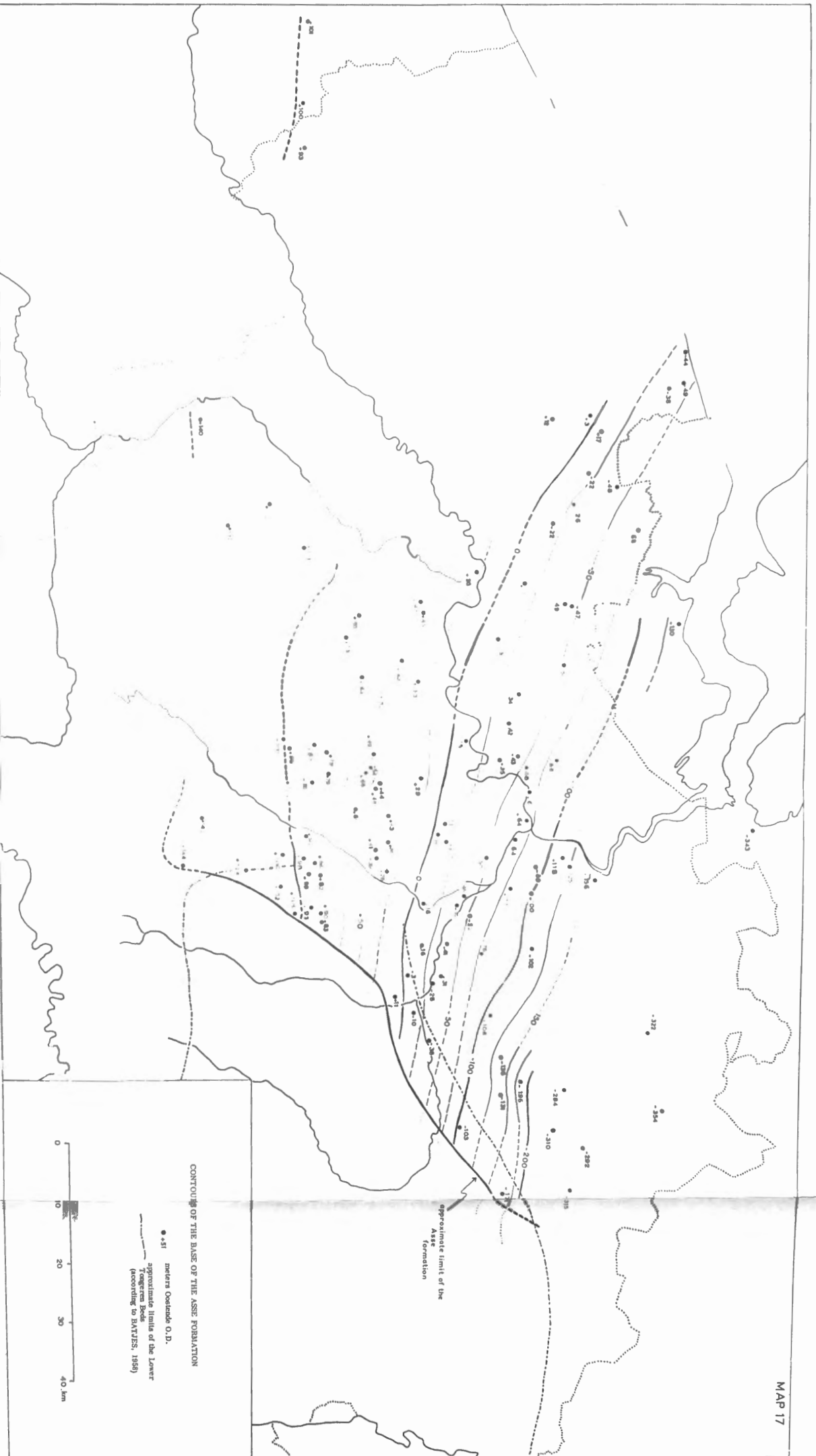
0 10 20 30 40 km

approximate limit of the upper formation





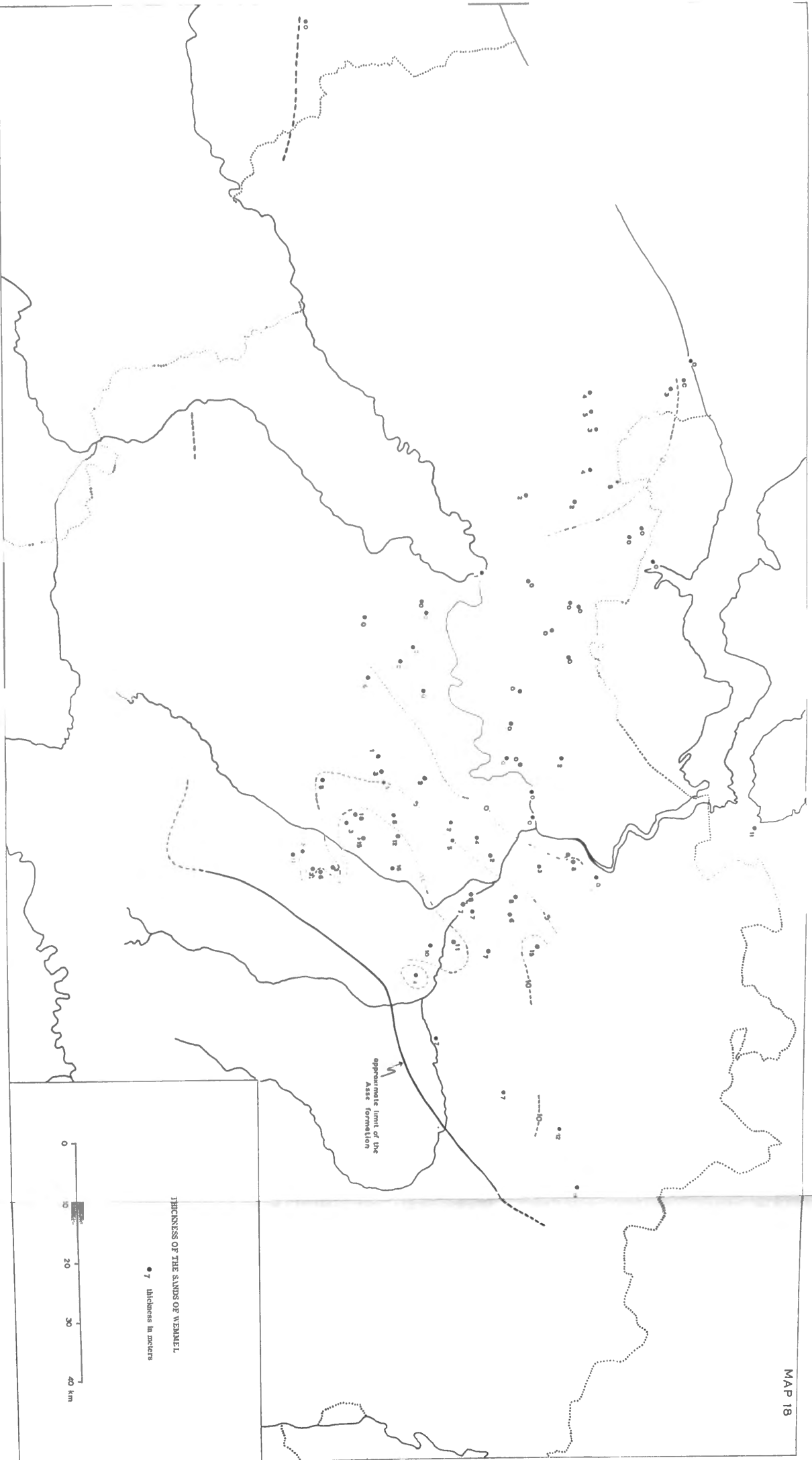




CONTOURS OF THE BASE OF THE ASSE FORMATION

- 4.31 meters Oastende O.D.
- - - - - approximate limits of the Lower Tegeerns Beek (according to HARTZES, 1889)





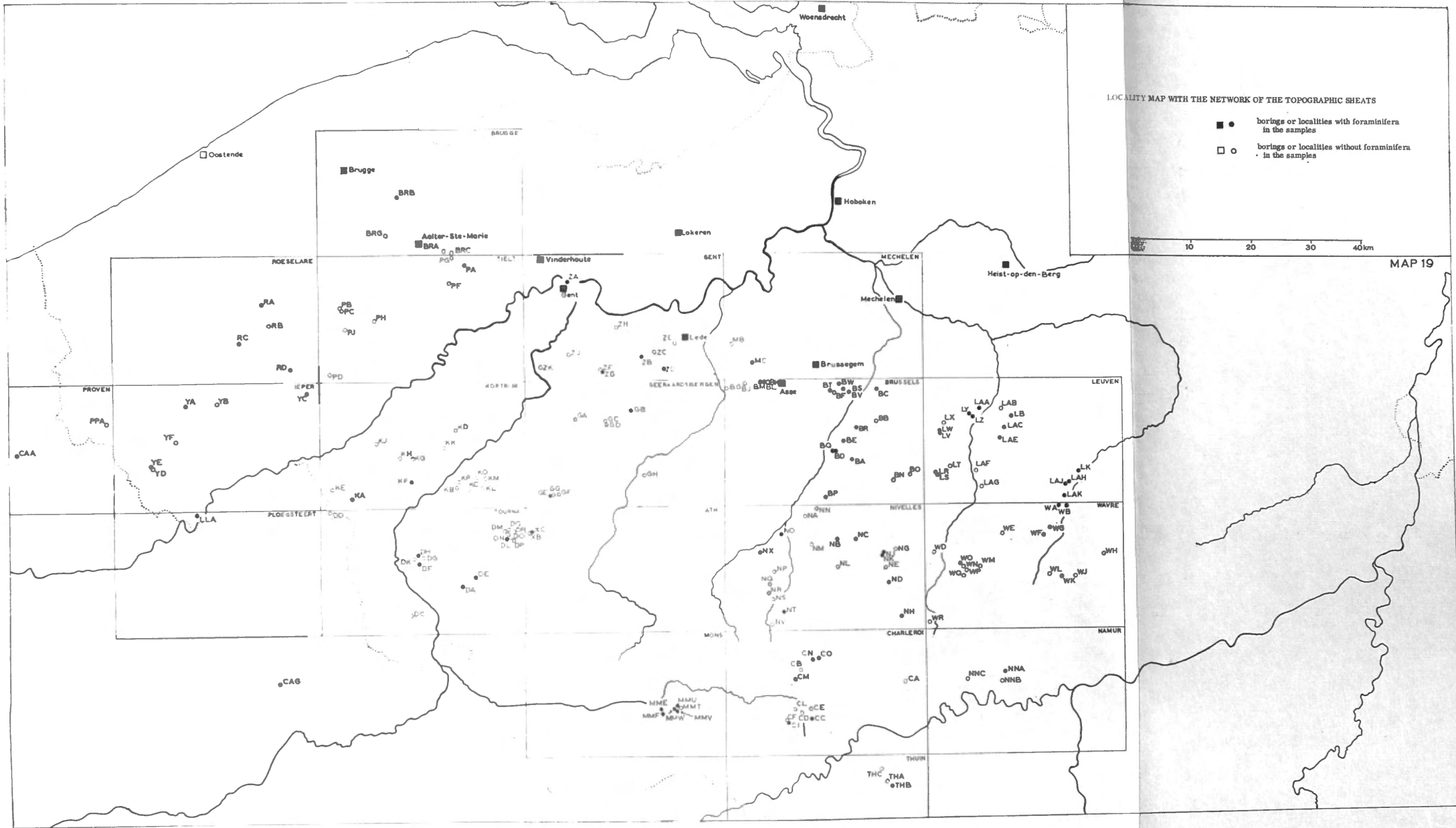
MAP 18

THICKNESS OF THE SANDS OF WEHMEI

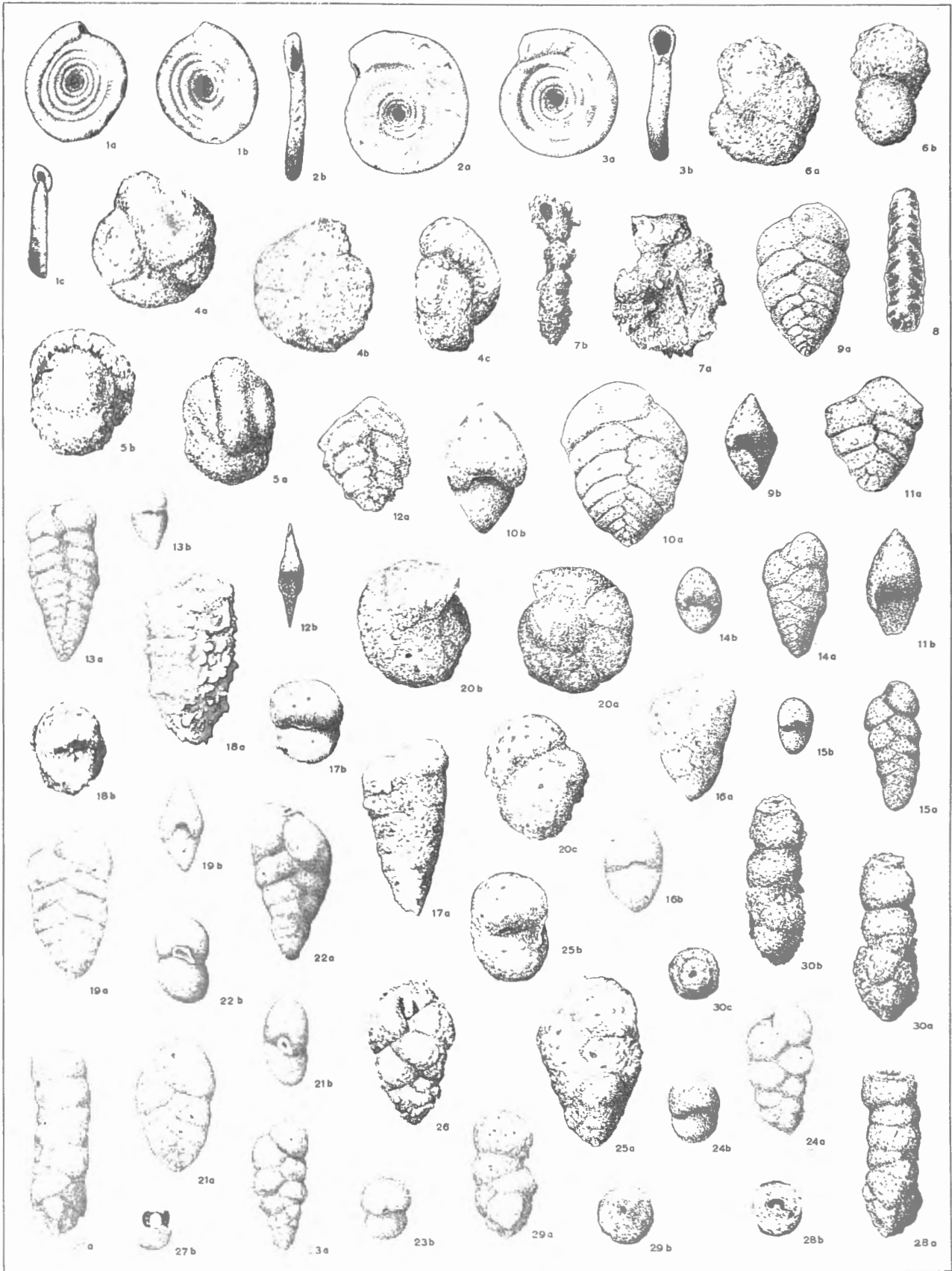
● thickness in meters



approximate limit of the
Asse formation



MAP 19

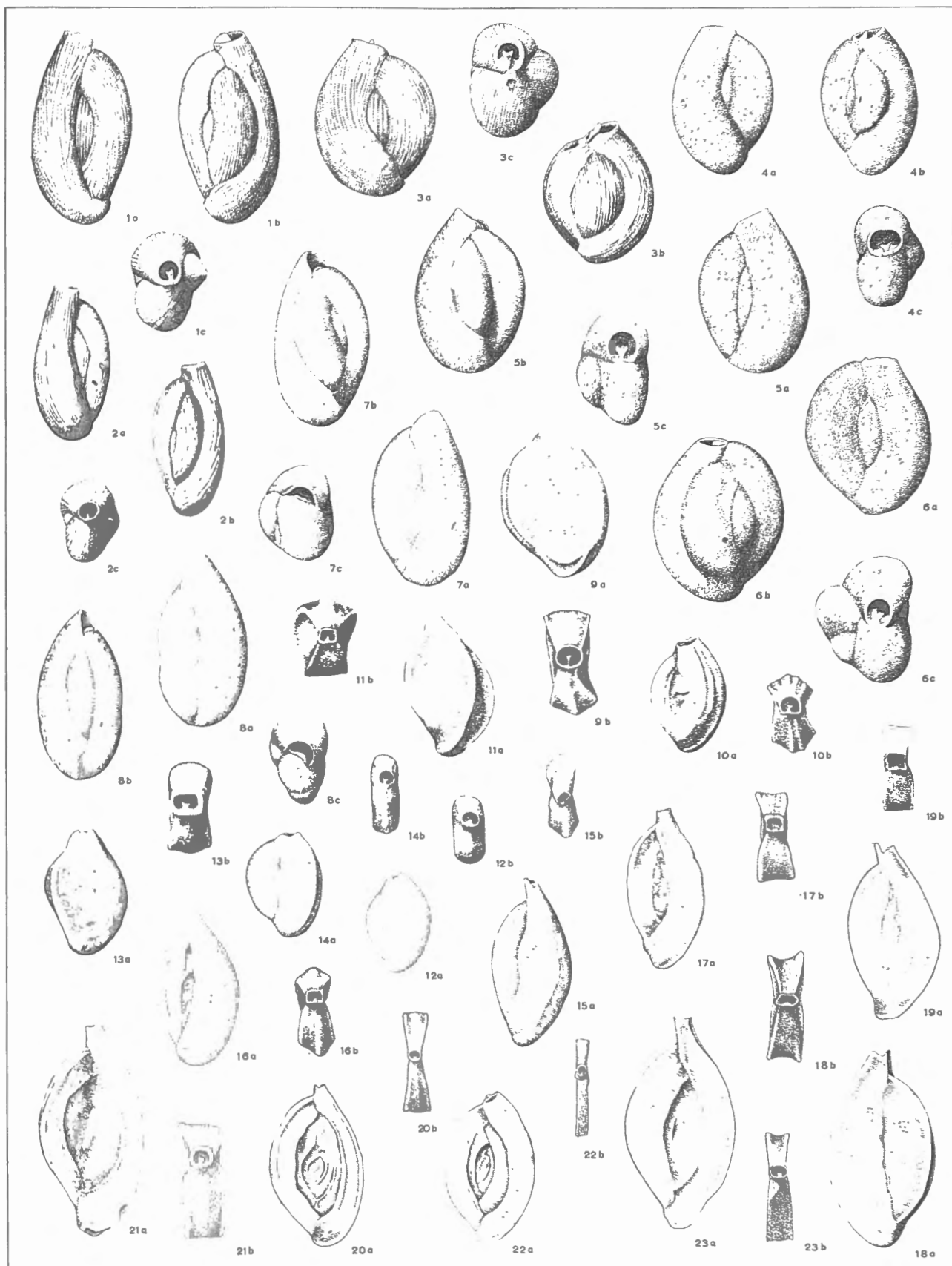


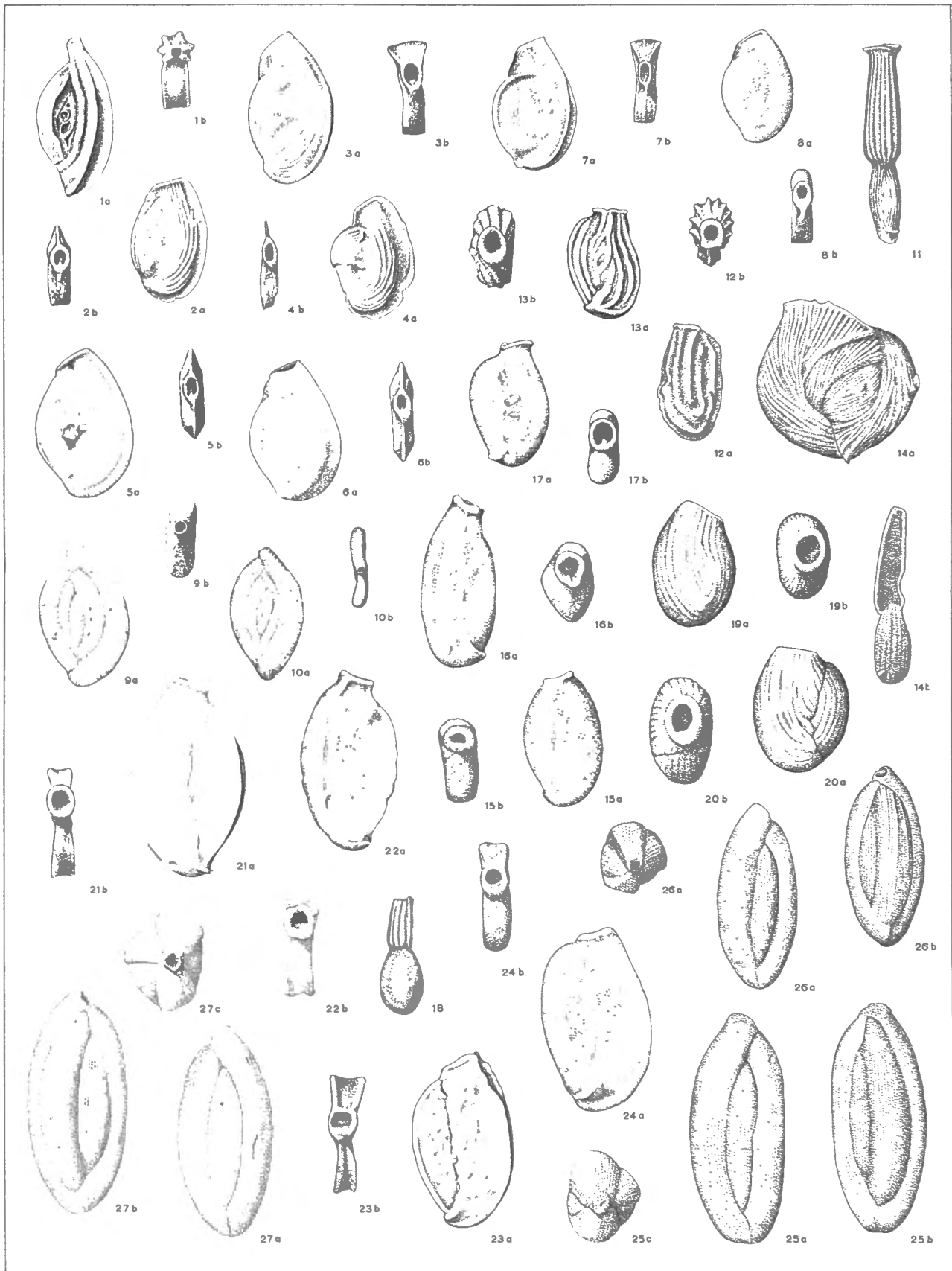
J. P. H. KAASSCHIETER. — Foraminifera of the Eocene of Belgium.

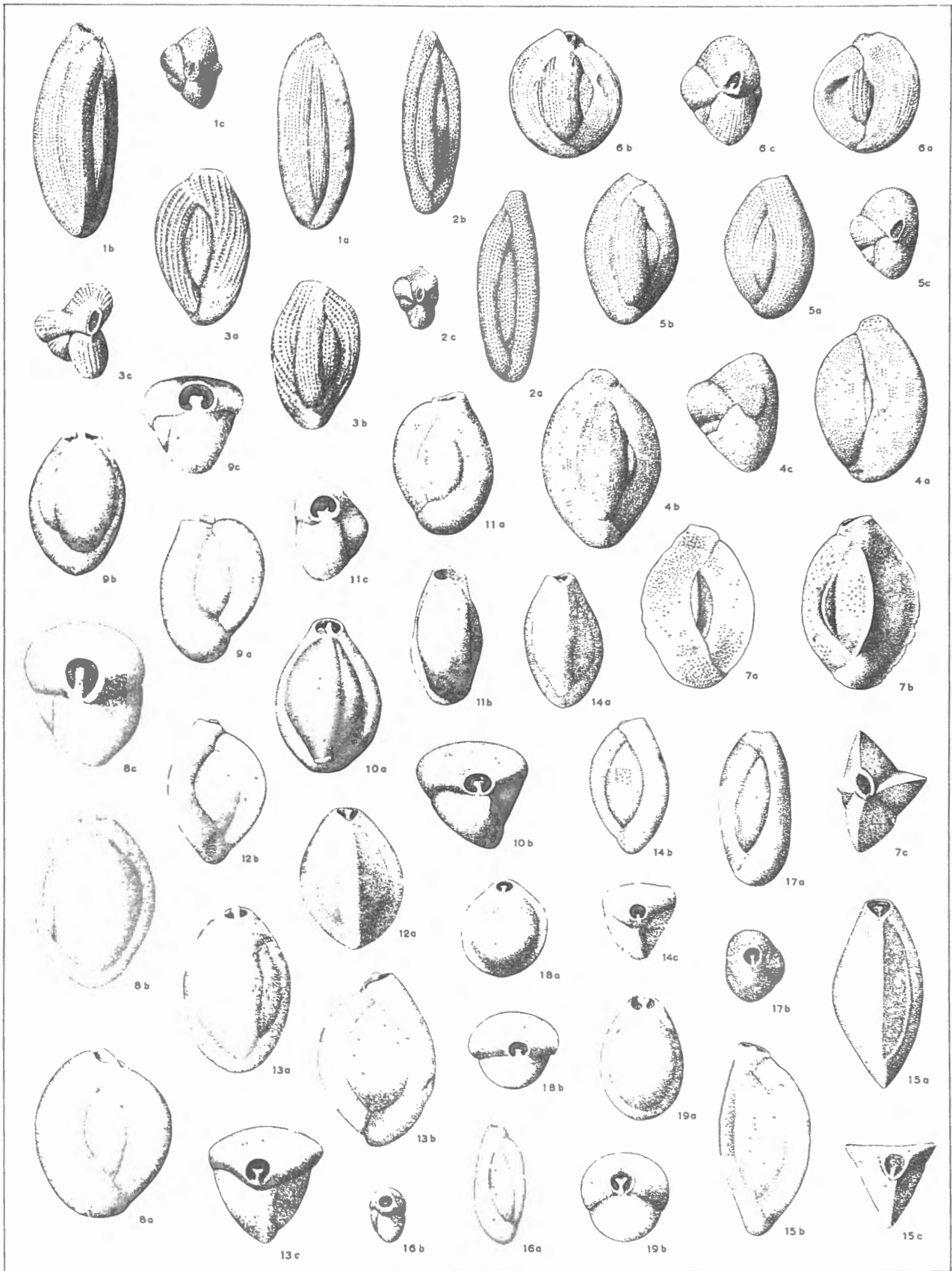




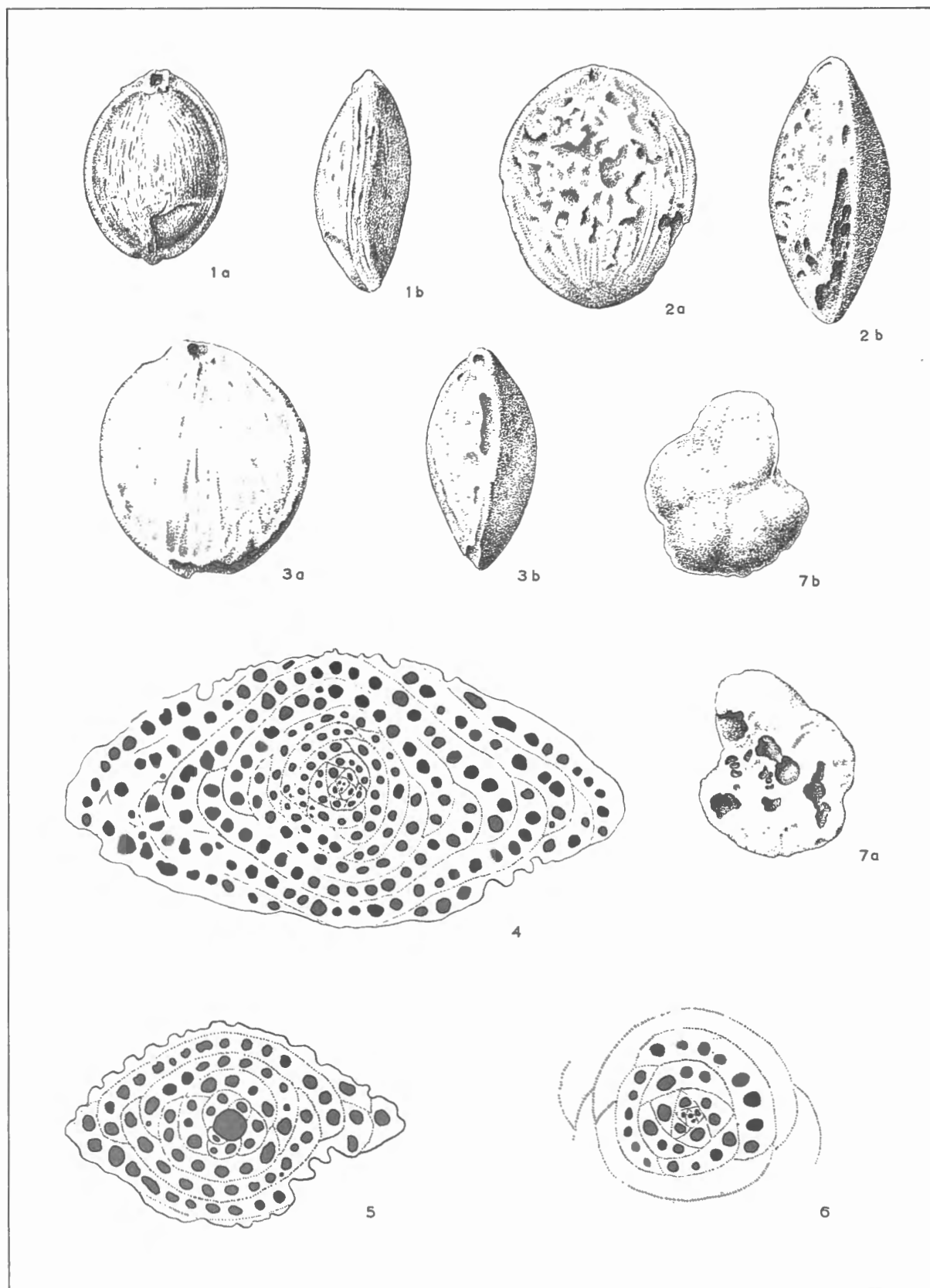
J. P. H. KAASSCHIETER. — Foraminifera of the Eocene of Belgium.

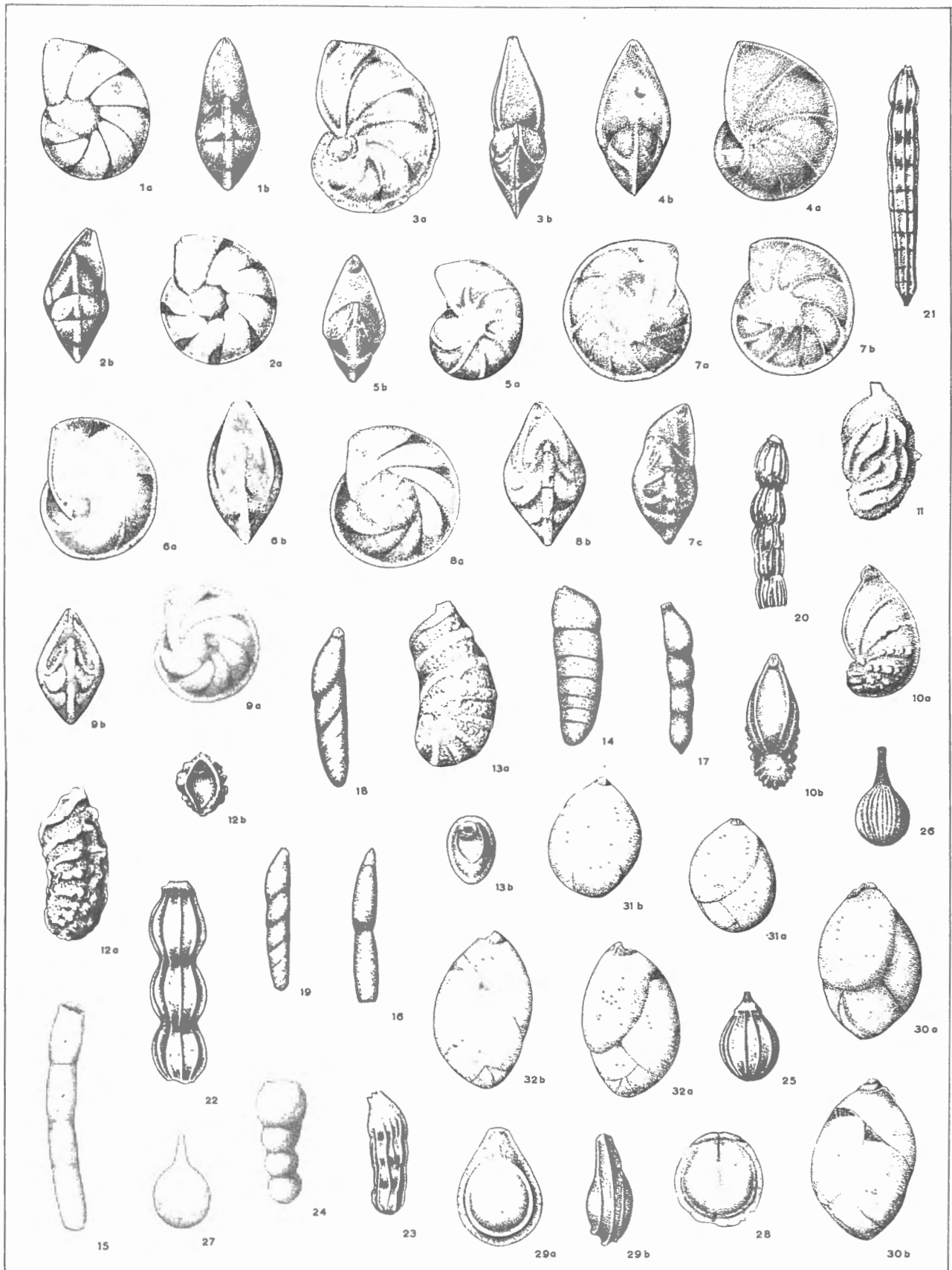




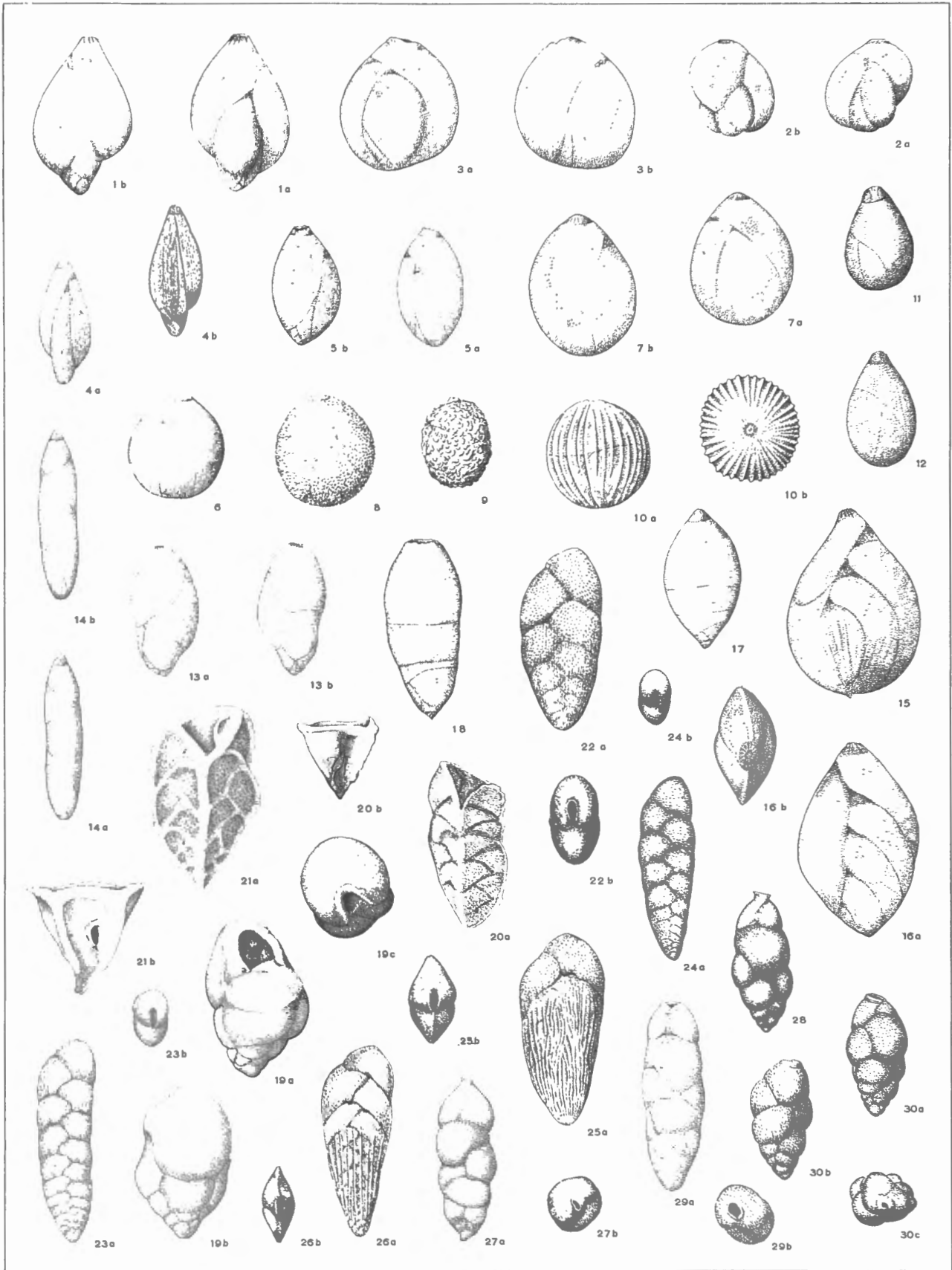


J. P. H. KAASSCHIETER. — Foraminifera of the Eocene of Belgium.

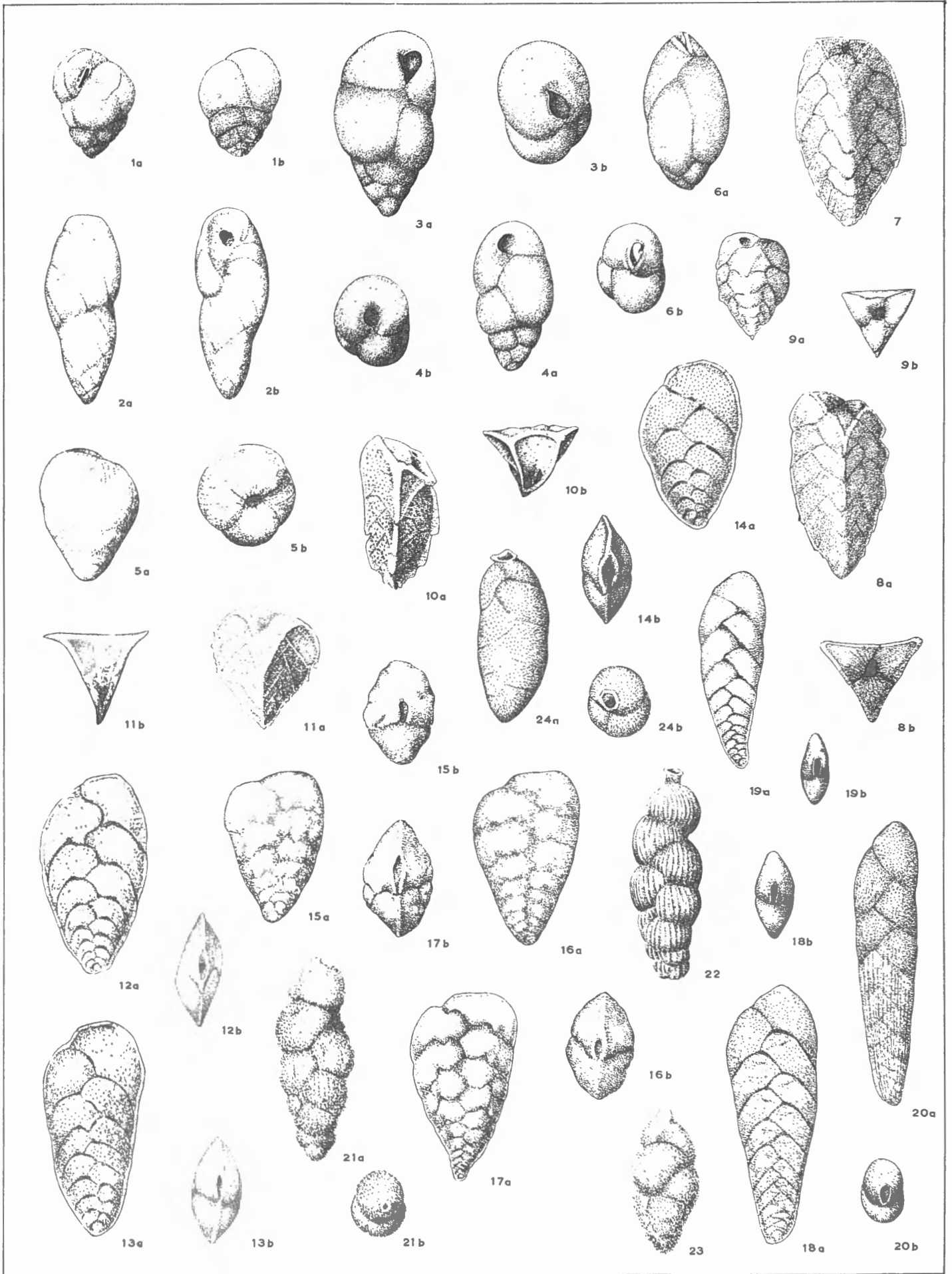




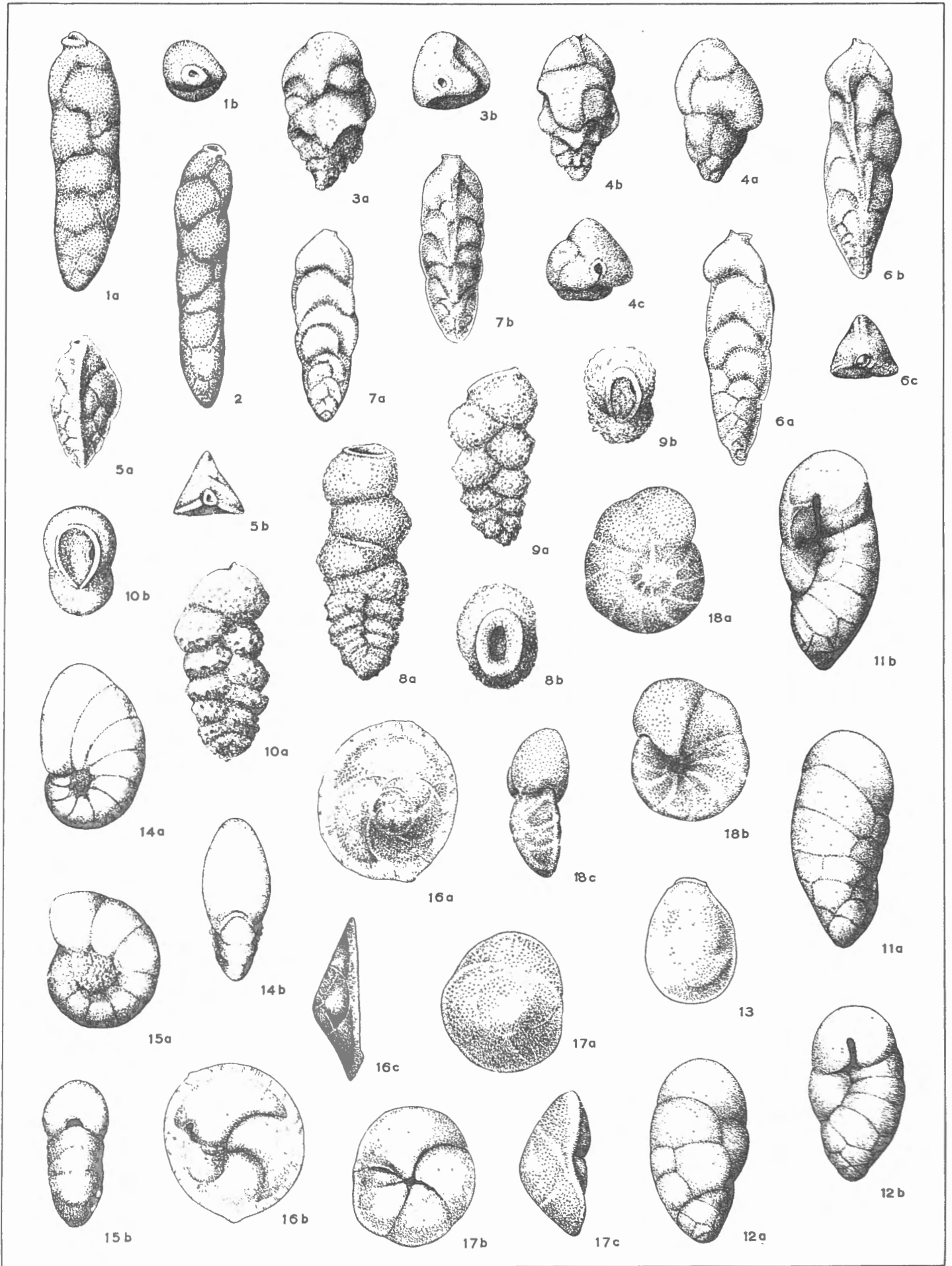
J. P. H. KAASSCHIETER. — Foraminifera of the Eocene of Belgium.

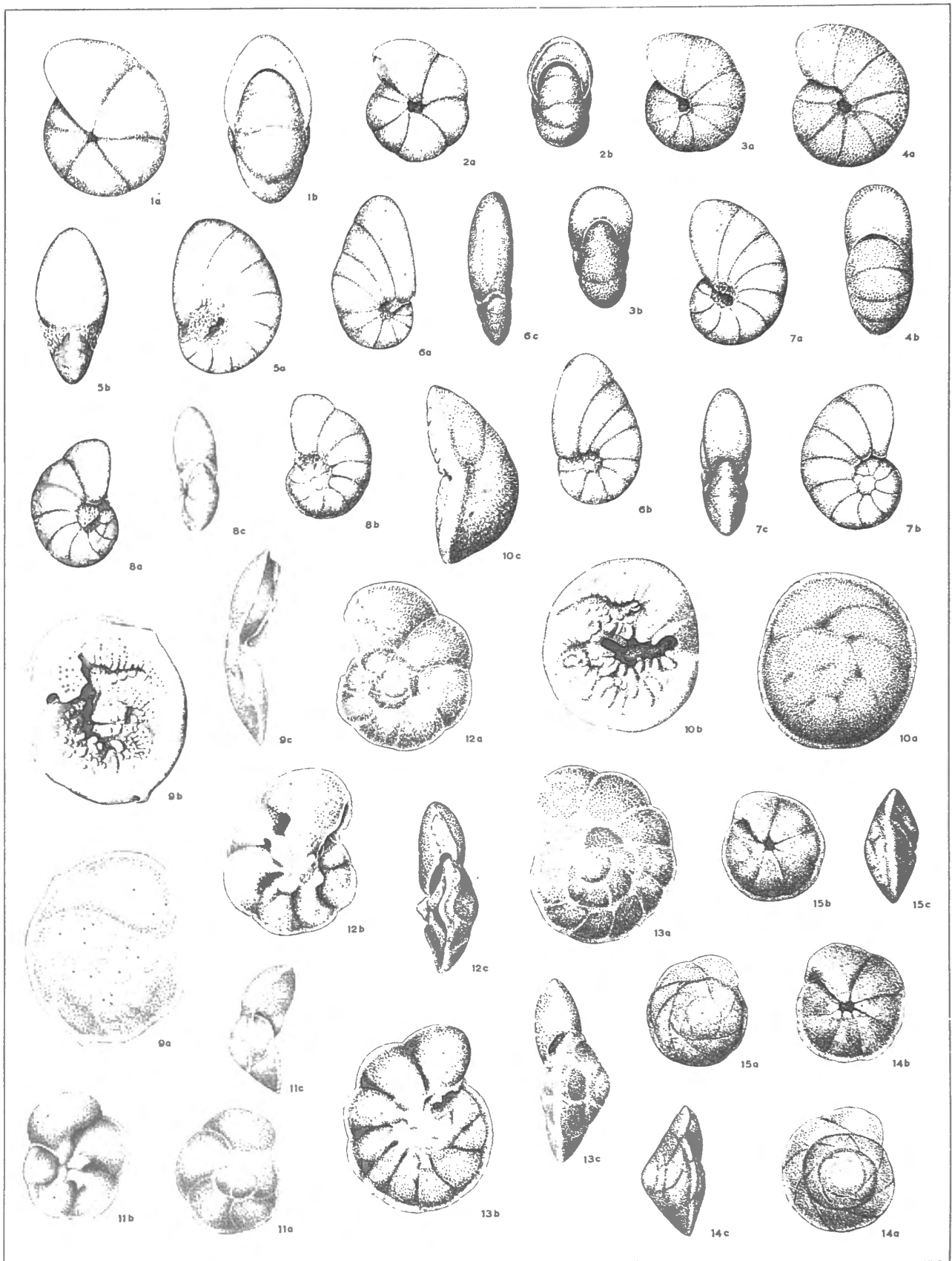


J. P. H. KAASSCHIETER. — Foraminifera of the Eocene of Belgium.

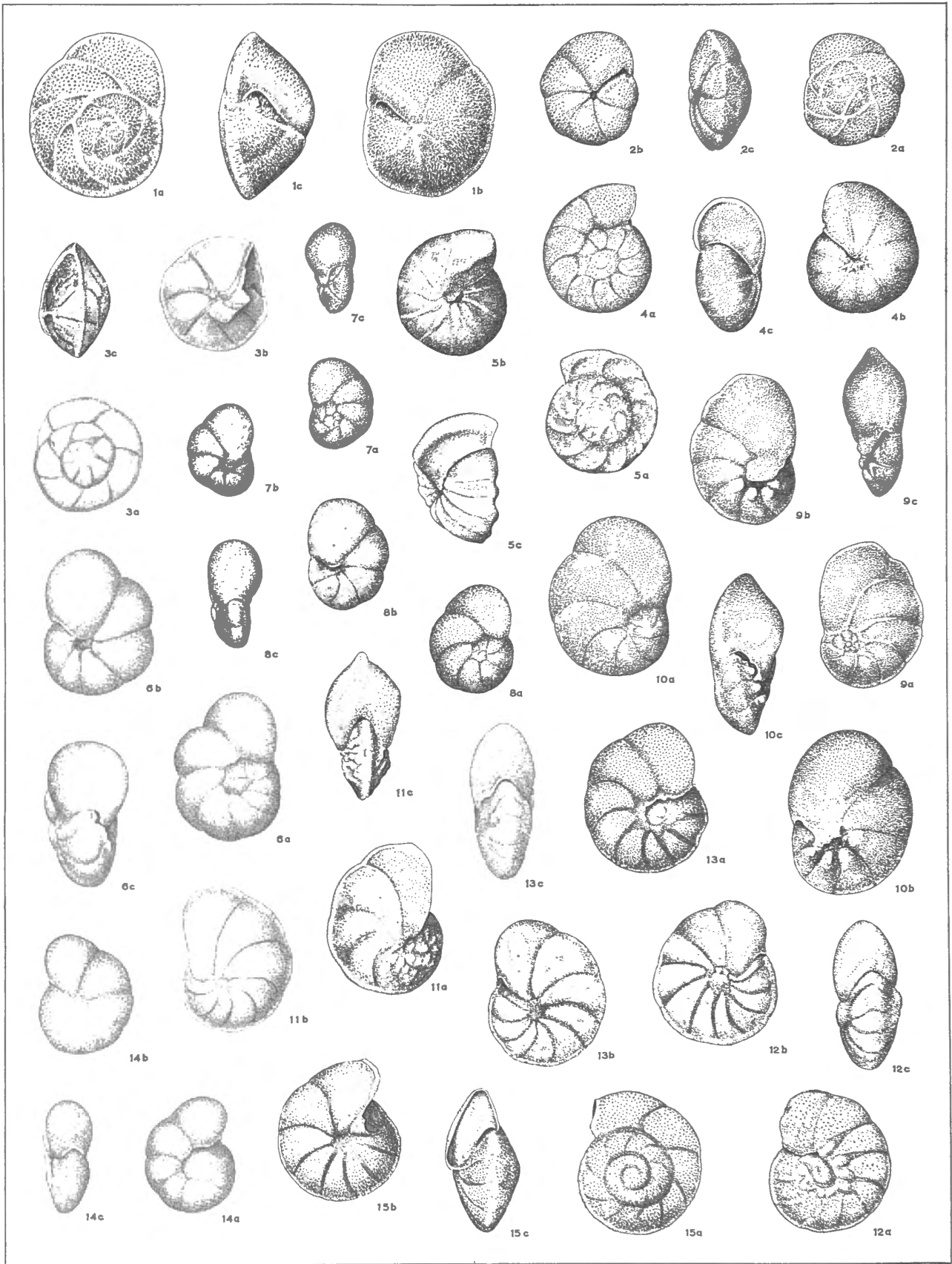


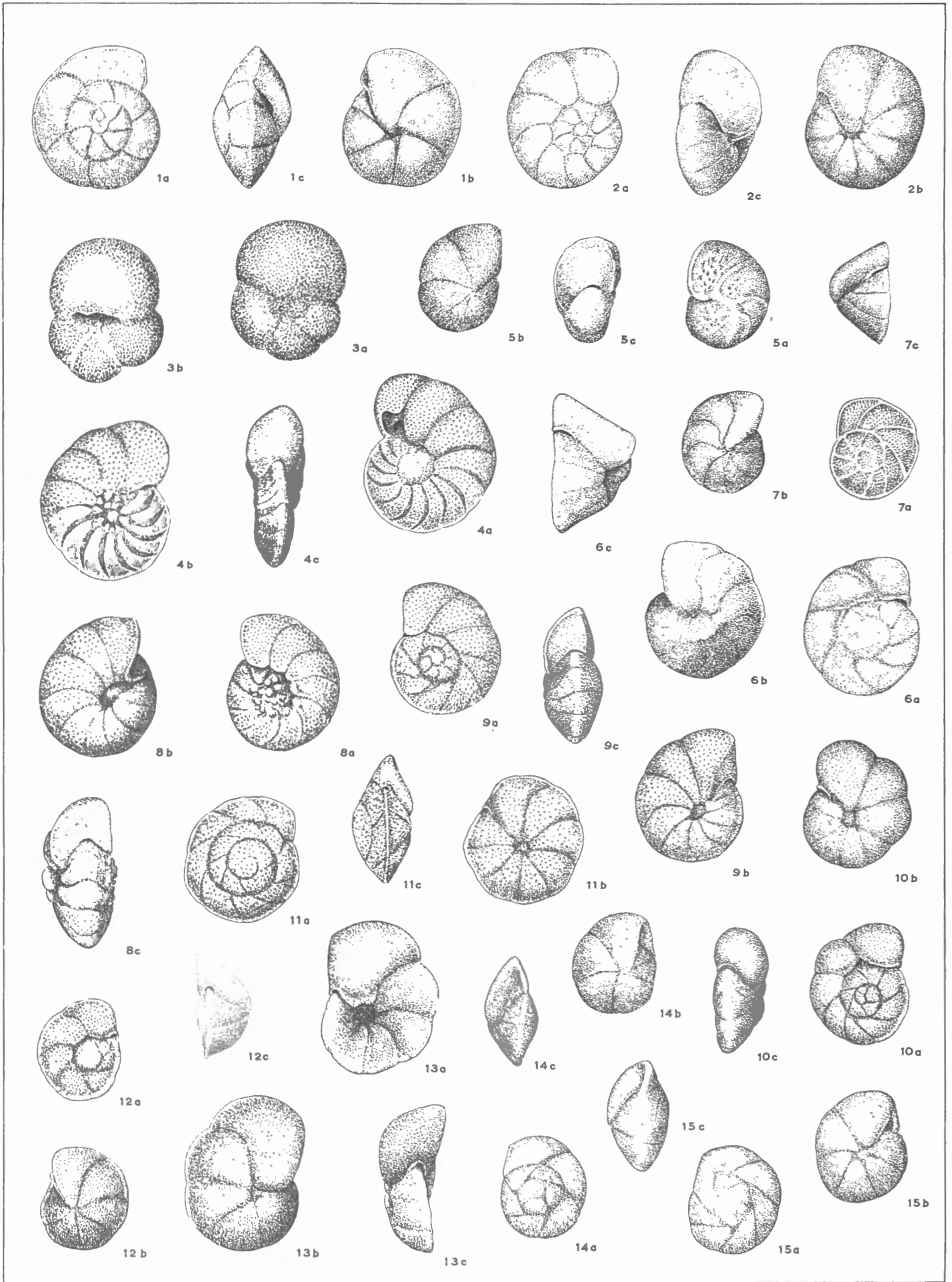
J. P. H. KAASSCHIETER. — Foraminifera of the Eocene of Belgium.

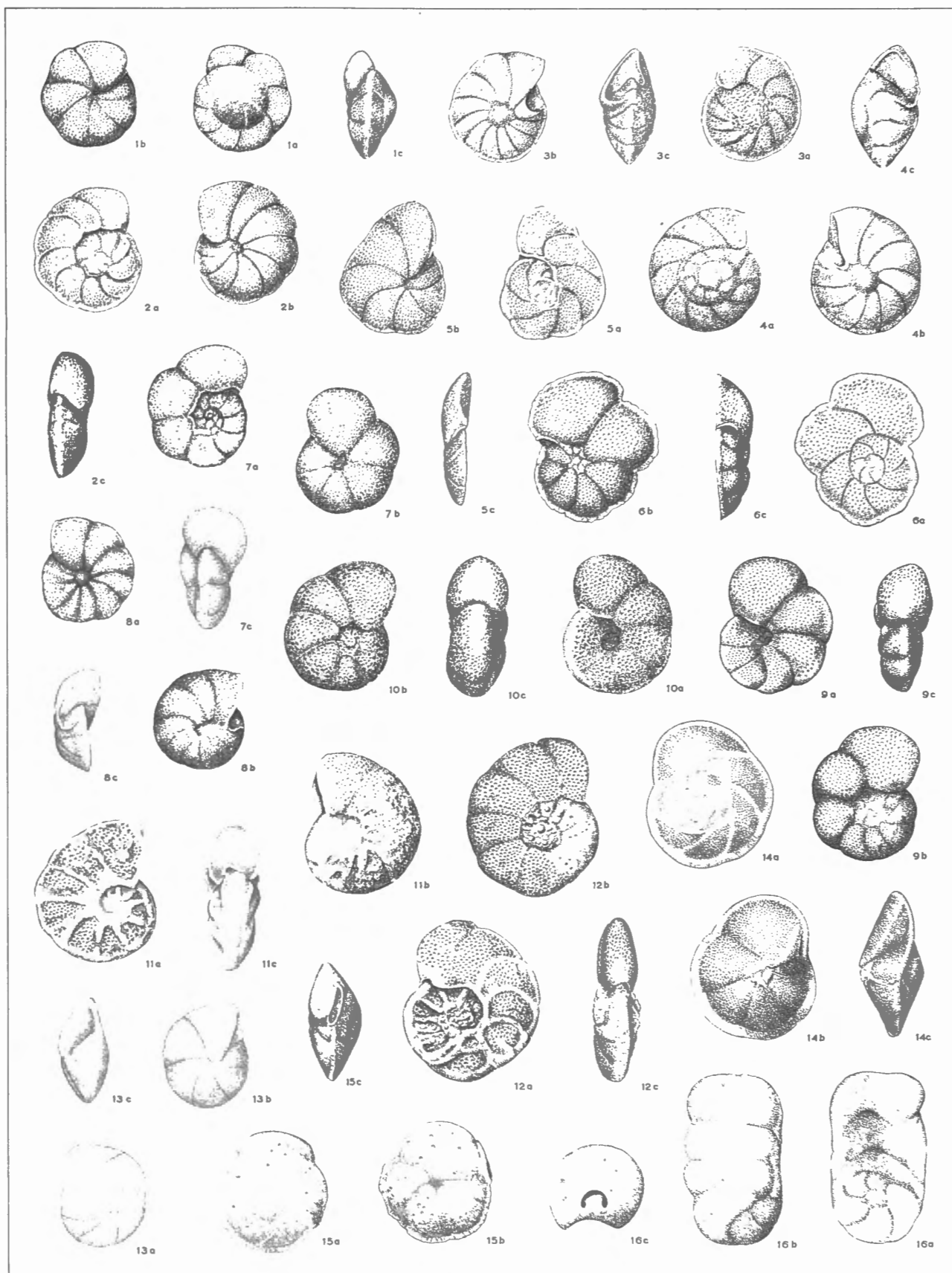


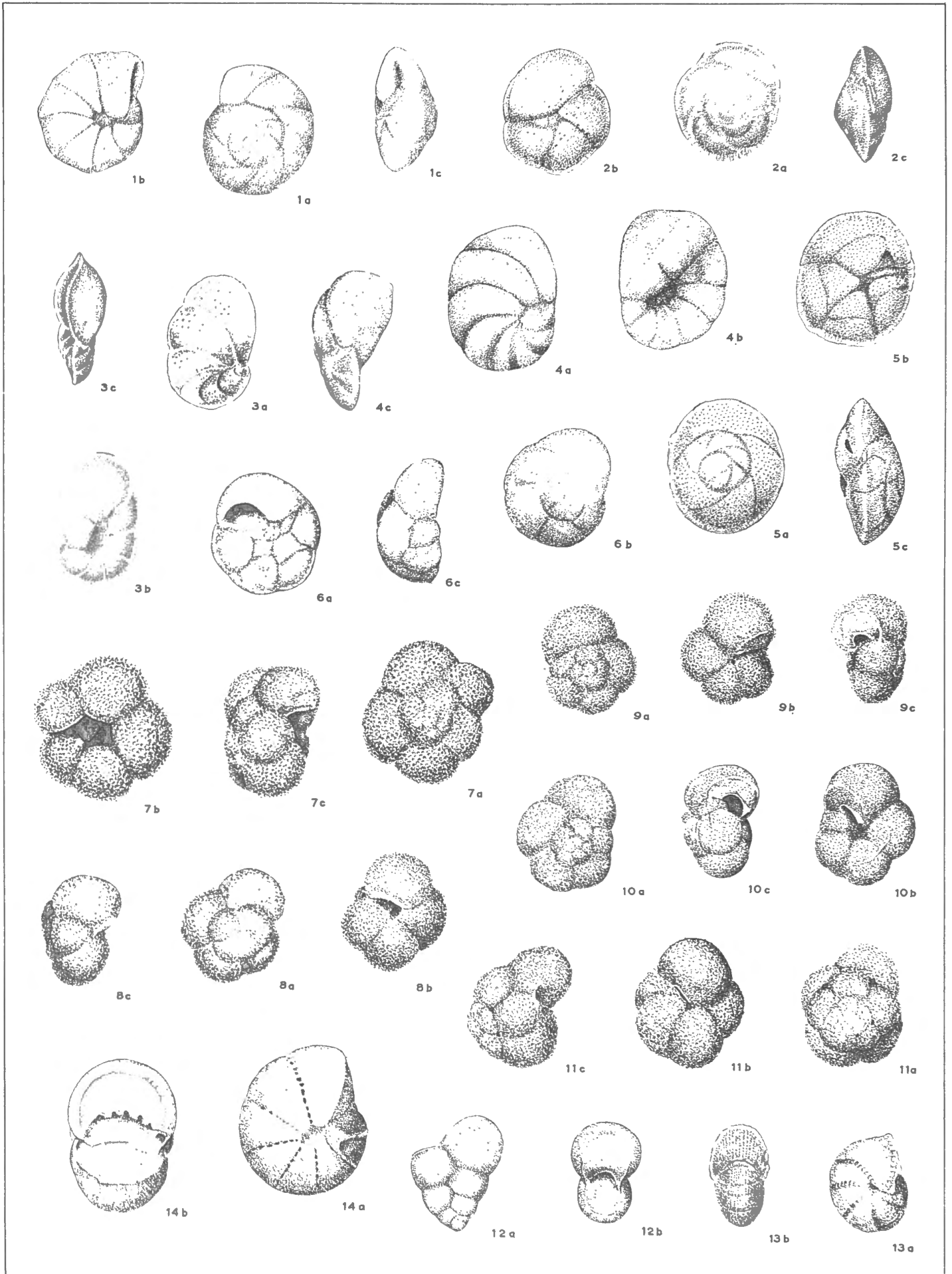


J. P. H. KAASSCHIETER. — Foraminifera of the Eocene of Belgium.









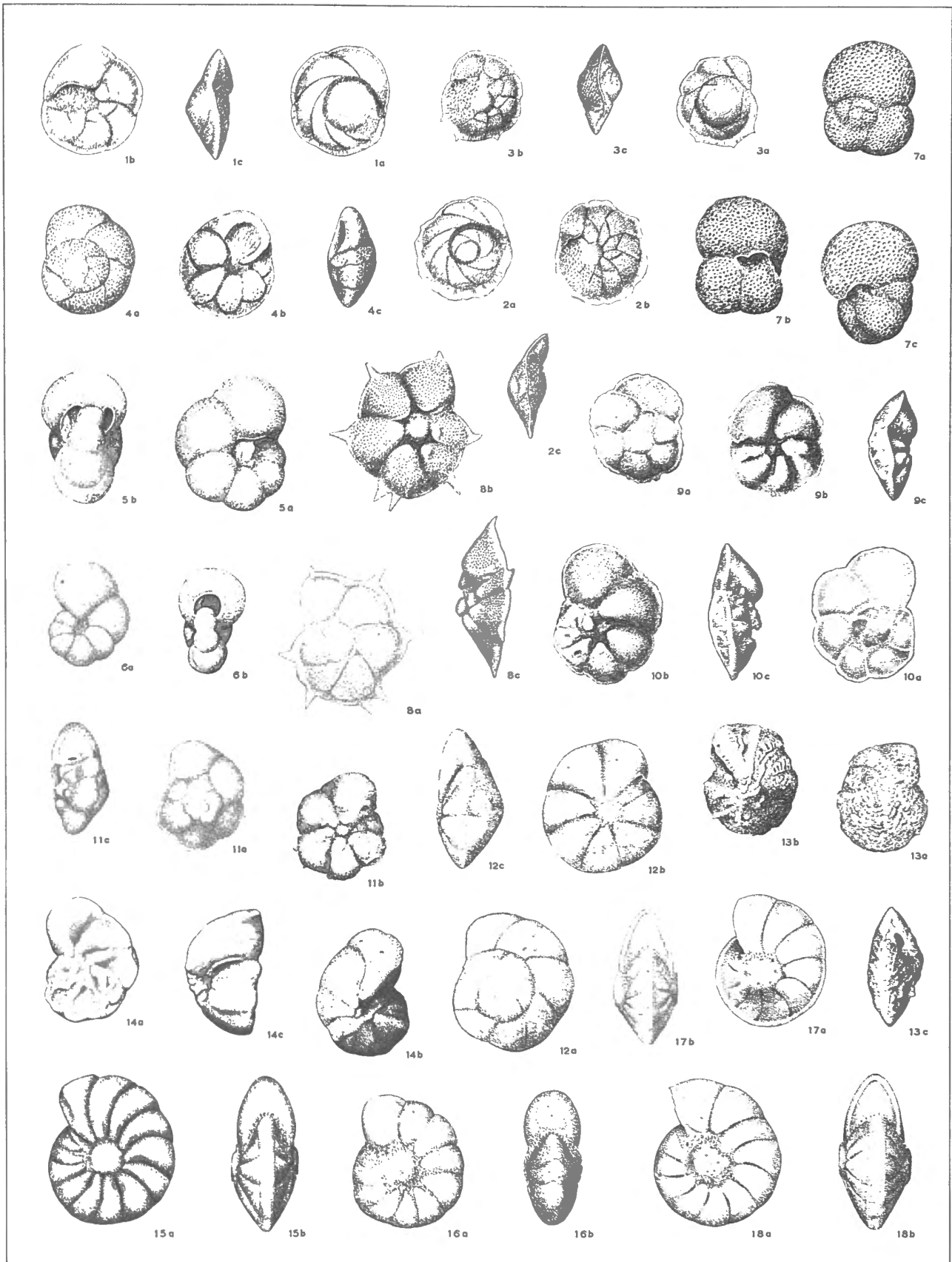


TABLE 8.
DISTRIBUTION
OF FORAMINIFERA
IN THE EOGENE
OF THE
BORINO WOIENSBECHT
(R. O. V. D., no. 17)

CLAYS OF ASIS	339,00 m	331,00 m	323,00 m	315,00 m	307,00 m	299,00 m	291,00 m	283,00 m	275,00 m	267,00 m	259,00 m	251,00 m	243,00 m	235,00 m	227,00 m	219,00 m	211,00 m	203,00 m	195,00 m	187,00 m	179,00 m	171,00 m	163,00 m	155,00 m	147,00 m	139,00 m	131,00 m	123,00 m	115,00 m	107,00 m	99,00 m	91,00 m	83,00 m	75,00 m	67,00 m	59,00 m	51,00 m	43,00 m	35,00 m	27,00 m	19,00 m	11,00 m	3,00 m
SANDS OF VIERZEE	339,00 m	331,00 m	323,00 m	315,00 m	307,00 m	299,00 m	291,00 m	283,00 m	275,00 m	267,00 m	259,00 m	251,00 m	243,00 m	235,00 m	227,00 m	219,00 m	211,00 m	203,00 m	195,00 m	187,00 m	179,00 m	171,00 m	163,00 m	155,00 m	147,00 m	139,00 m	131,00 m	123,00 m	115,00 m	107,00 m	99,00 m	91,00 m	83,00 m	75,00 m	67,00 m	59,00 m	51,00 m	43,00 m	35,00 m	27,00 m	19,00 m	11,00 m	3,00 m
SANDS OF LARDE	339,00 m	331,00 m	323,00 m	315,00 m	307,00 m	299,00 m	291,00 m	283,00 m	275,00 m	267,00 m	259,00 m	251,00 m	243,00 m	235,00 m	227,00 m	219,00 m	211,00 m	203,00 m	195,00 m	187,00 m	179,00 m	171,00 m	163,00 m	155,00 m	147,00 m	139,00 m	131,00 m	123,00 m	115,00 m	107,00 m	99,00 m	91,00 m	83,00 m	75,00 m	67,00 m	59,00 m	51,00 m	43,00 m	35,00 m	27,00 m	19,00 m	11,00 m	3,00 m
SANDS OF BURGERS	339,00 m	331,00 m	323,00 m	315,00 m	307,00 m	299,00 m	291,00 m	283,00 m	275,00 m	267,00 m	259,00 m	251,00 m	243,00 m	235,00 m	227,00 m	219,00 m	211,00 m	203,00 m	195,00 m	187,00 m	179,00 m	171,00 m	163,00 m	155,00 m	147,00 m	139,00 m	131,00 m	123,00 m	115,00 m	107,00 m	99,00 m	91,00 m	83,00 m	75,00 m	67,00 m	59,00 m	51,00 m	43,00 m	35,00 m	27,00 m	19,00 m	11,00 m	3,00 m
SANDS OF ALZERT	339,00 m	331,00 m	323,00 m	315,00 m	307,00 m	299,00 m	291,00 m	283,00 m	275,00 m	267,00 m	259,00 m	251,00 m	243,00 m	235,00 m	227,00 m	219,00 m	211,00 m	203,00 m	195,00 m	187,00 m	179,00 m	171,00 m	163,00 m	155,00 m	147,00 m	139,00 m	131,00 m	123,00 m	115,00 m	107,00 m	99,00 m	91,00 m	83,00 m	75,00 m	67,00 m	59,00 m	51,00 m	43,00 m	35,00 m	27,00 m	19,00 m	11,00 m	3,00 m

- Cribrostomoides* sp.
- Spiroplectamina mexicana*
- Haplophragmoides* sp.
- Trochammina* sp. cf. *T. inflata*
- Cibicides* sp. cf. *C. dutemplei*
- Karreriella danica*
- Ammodiscus incertus*
- Ammodiscus* sp. cf. *A. americanus*
- Lenticulina* spp.
- Eponides plummerae*
- Dentalina megalopolitana*
- Spiroplectamina adamsi*
- Rhizammina* sp.
- Nonion affine*
- Quinqueloculina impressa*
- Anomalina* sp. cf. *A. danica*
- Anomalina acuta* var. *yprezensis*
- Siphonina prima*
- Cibicides propius*
- Dentalina* sp. cf. *D. euoldi*
- Nodosaria* spp.
- Alabamina obtusa*
- Lenticulina (Marginalinopsis) embornensis*
- Lenticulina (Astoculus) sp. cf. L. decorata*
- Cibicides lobatulus*
- Guttulina problema*
- Anomalina acuta*
- Nodosaria minor*
- Dentalina elegans*
- Globulina gibba*
- Pullenia quinqueloba*
- Cibicides sutensis*
- Nodosaria latejugata*
- Pseudocavulina anglica*
- Tectularia smithvillensis*
- Asterigerina bartoniana*
- Uvigerina baljeai*
- Nodosaria natchitochensis*
- Nodosaria* sp. cf. *N. elegantissima*
- Globigerina* sp. cf. *G. varians*
- Globigerina trilobulicosta*
- Angulogerina abbreviata*
- Bolivina anglica*
- Karreriella fallax*
- Cibicides propius* var. *acutimargo*
- Guttulina irregularis*
- Lagena globosa*
- Marginalina pediformis*
- Oporina angustimbricata*
- Asterigerina wilcozensis*
- Globigerinoides* sp. cf. *G. dambjergensis*
- Cibicides* sp. cf. *C. ungerianus*
- Alabamina wilcozensis*
- Dentalina inornata*
- Turrillina brevispira*
- Planulina burlingtonensis* var. *neolyi*
- Elphidium lutoratum*
- Epistominella oeyi*
- Guttulina pulchella*
- Planulina burlingtonensis*
- Cancris subconicus*
- Rotalia aulovini*
- Elphidium hiltermanni*
- Cibicides* sp. cf. *C. mauricensis*
- Tectularia applanata*
- Spiroplectamina carinata* var. *deperdita*
- Elphidium laese*
- Quinqueloculina carinata*
- Pyralina gutta*
- Quinqueloculina seminula*
- Cibicides carinatus*
- Sigamorphina semitecta*
- Discorbis* sp. cf. *D. ferganensis*
- Globulina gibba* var. *punctata*
- Elphidium submoderum*
- Nonion scaphum*
- Mitella saxorum*
- Lagena* spp.
- Rotalia* sp. cf. *R. calceae*
- Hanzawaia producta*
- Gyrogonia octocamerata*
- Bolivina brabantica*
- Guttulina lactea*
- Planulina burlingtonensis* var. *tendami*
- Discorbis* spp.
- Eponides polygonus*
- Angulogerina muralis*
- Globulina gravida*
- Hastigerina micra*
- Pyralina thouini*
- Cibicides acutus*
- Bulimina parisiensis*
- Discorbis limbata*
- Russelia elongata*
- Rotalia* spp.
- Discorbis quadrata*
- Bulimina levisulcata*
- Bolivina carinata*
- Bolivina crenulata*
- Rotalia propinqua*
- Anomalina auris*
- Sigamorphina* sp. cf. *S. bornemannii*
- Discorbis parisiensis*
- Discorbis parvulus*
- Bifarina submarginata*
- Russelia limbata*
- Cibicides* sp. cf. *C. tenellus*
- Cibicides dutemplei*
- Eponides schreibersi*
- Globigerina* sp. cf. *G. angustimbricata*
- Karreriella stipitella*
- Sigammina tenuis*
- Lenticulina (Astoculus) decorata*
- Angulogerina abbreviata* var. *tubulifera*
- Eponides unobornensis*
- Nodosaria ludwigi*
- Spiroplectamina carinata*
- Alabamina wellerstorfi*

