

PLATE XVI

- Fig. 1. *Oligopus diagrammus* ♂. Lateral view of left testis with dorsal sperm duct and caudal reservoir (r).
- Fig. 2. *Calamopteryx goslinei* ♂. Ventral view of the testes and caudal reservoir (r).
- Fig. 3. *Brosmophysis marginatus* ♂. Ventral view of the testes and caudal reservoir (r).
- Fig. 4. *Barathronus bicolor* ♂. (Std. 1. 93 mm). Ventral view of the testes and caudal reservoir (r).
- Fig. 5. *Barathronus bicolor* ♂. (Std. 1. 91 mm). Ventral view of the testes and caudal reservoir (r).

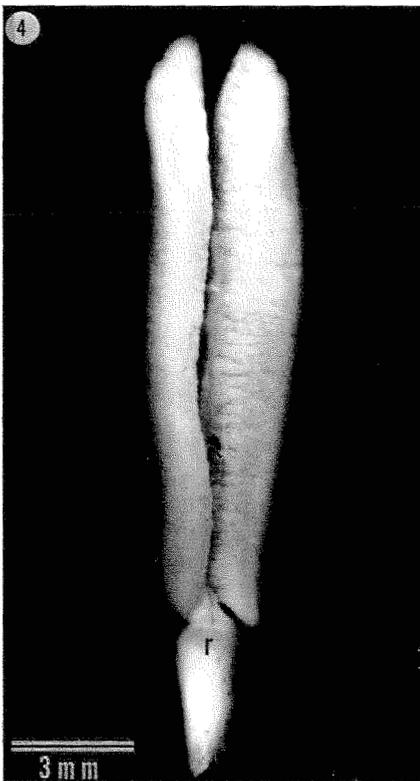
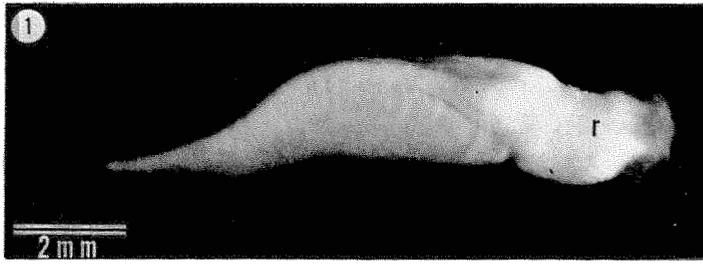
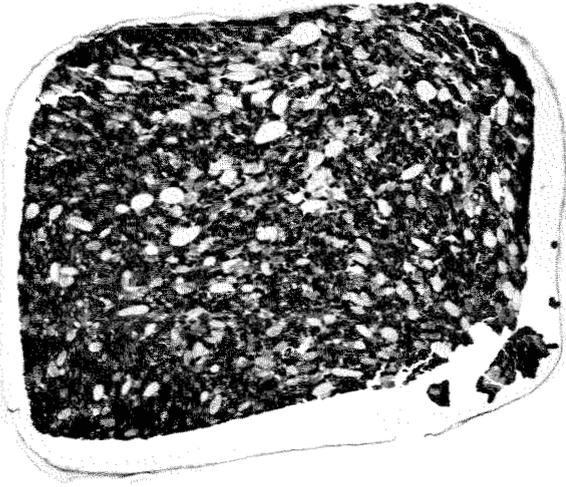


PLATE XVII

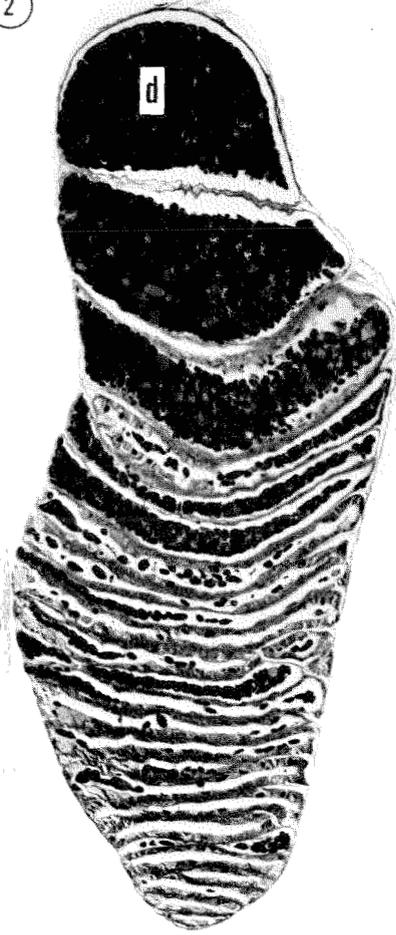
Oligopus diagrammus ♂

- Fig. 1. Transverse section of caudal reservoir filled with spermatophores. 10 μ section. AB-PAS. NA (numerical aperture): 0.10. Reduced from 40 \times .
- Fig. 2. Transverse section of left testis with dorsal sperm duct (d) filled with spermatophores. 10 μ section. PAS. NA: 0.10. Same magnification as in Fig. 1.
- Fig. 3. Ventral part of testis with spermatophores in flattened bag-like cavities (arrow). 10 μ section. PAS. NA: 0.20. Reduced from 100 \times .

1

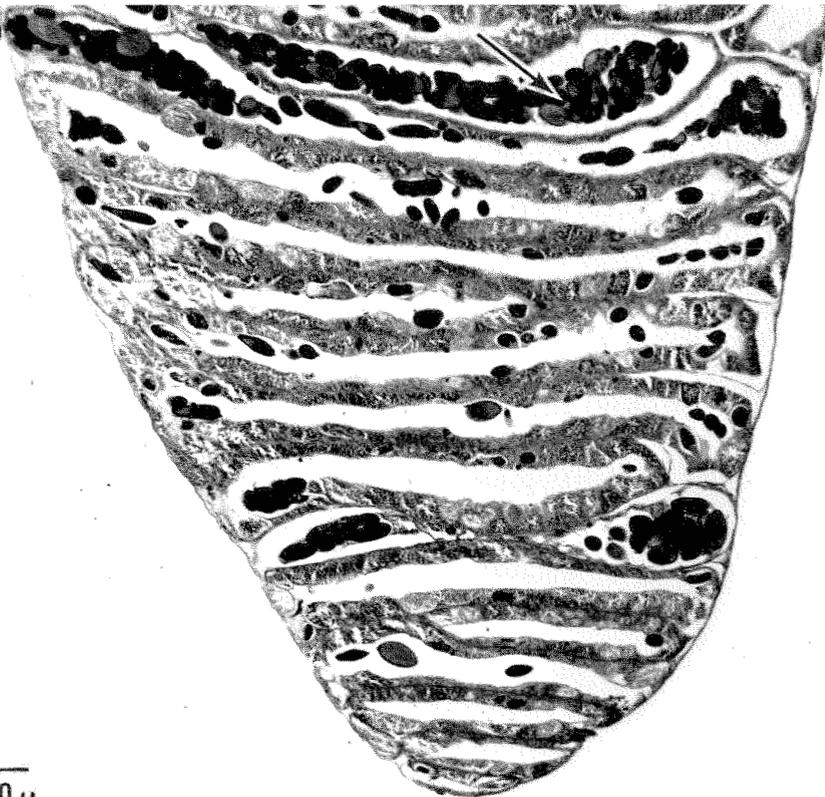


2



500 μ

3



100 μ

PLATE XVIII

Oligopus diagrammus ♂

- Fig. 1. Spermatophores in caudal reservoir. 10 μ section. PAS. NA: 0.65. Reduced from 610 \times .
- Fig. 2. Single spermatophore from testis. Arrows point at spermatophore-capsule. 10 μ section. PAS. NA: 1.30. Reduced from 1590 \times .

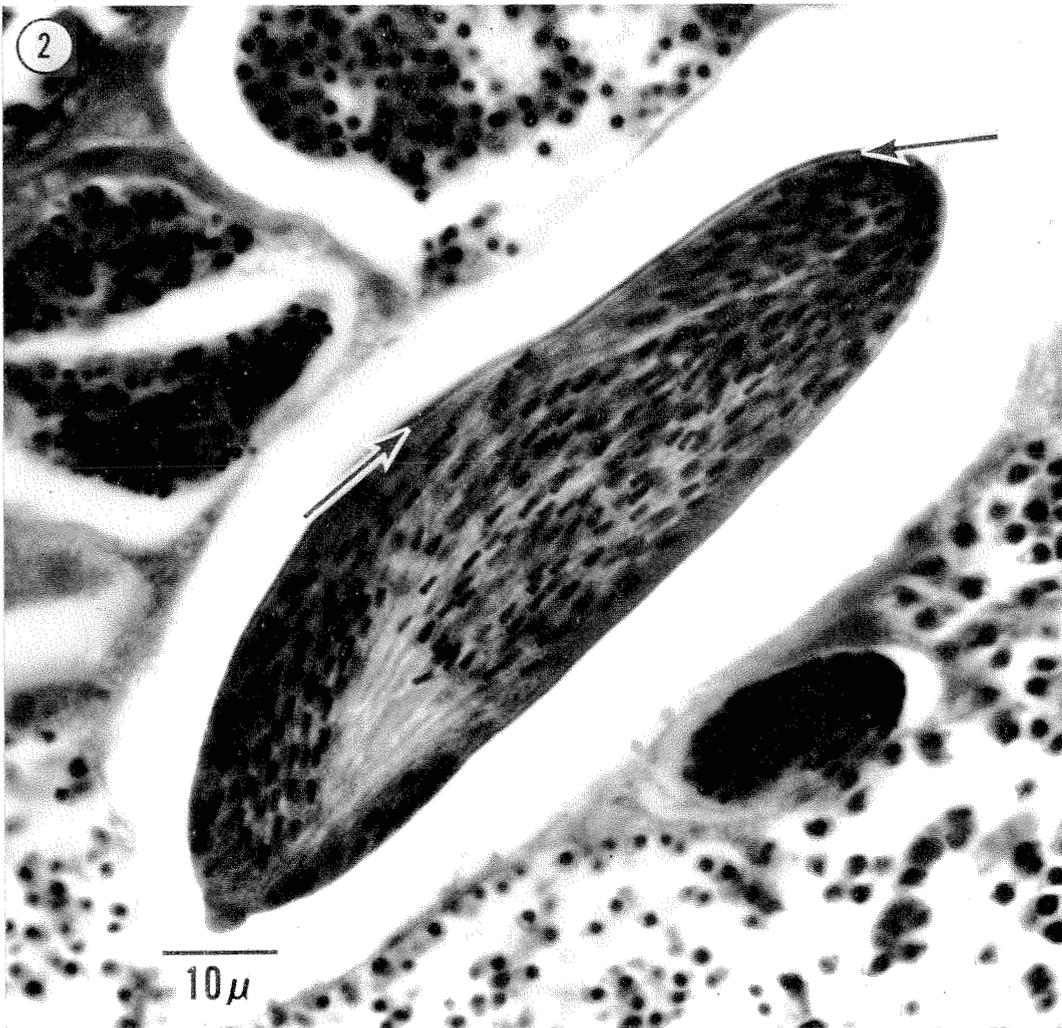
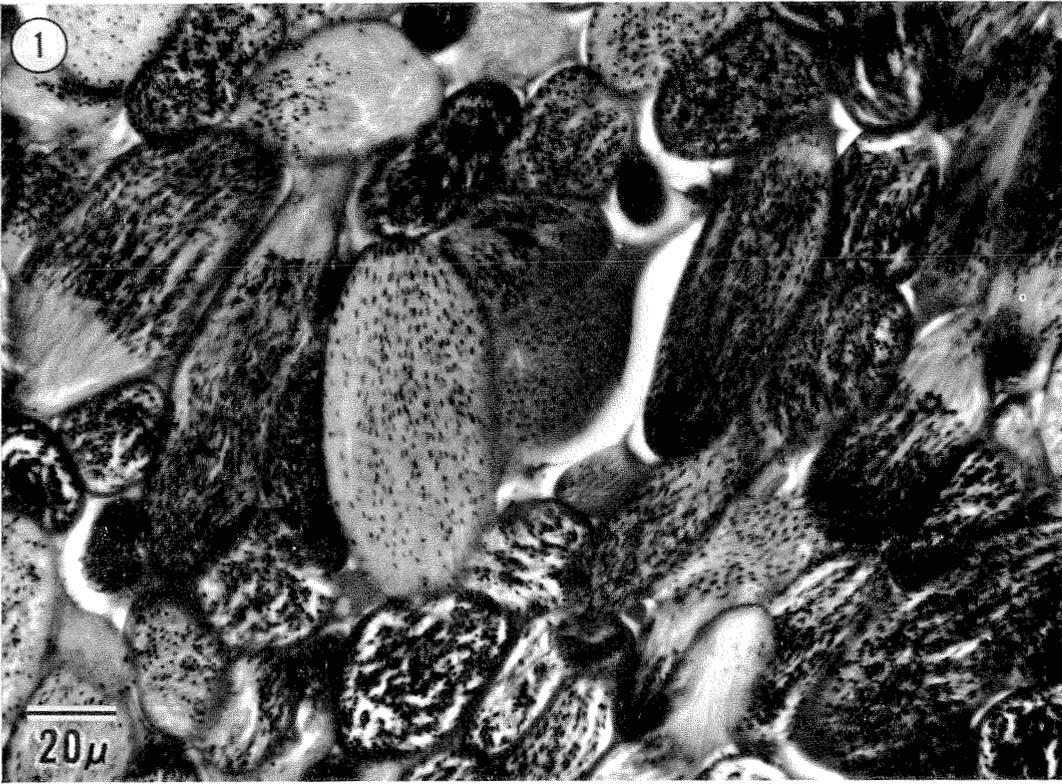


PLATE XIX

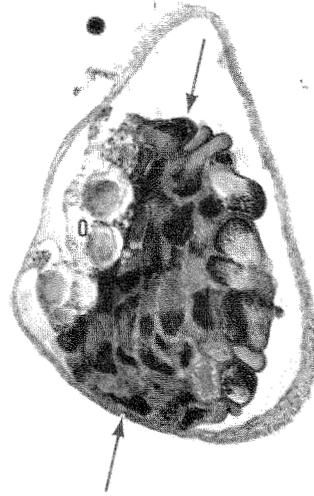
- Fig. 1. *Bellottia apoda* ♂. Transverse section of testis with dorsal sperm duct (d). Arrows point at spermatophores. 8 μ section. H-E. NA: 0.22. Reduced from 230 \times .
- Fig. 2. *Bellottia apoda* ♀. Transverse section of caudal part of ovary with compact mass of spermatophores in lumen (between arrows). A few small immature oocytes (o) are seen on the medial wall of the ovary. 8 μ section. H-E-orange G. NA: 0.22. Same magnification as in Fig. 1.
- Fig. 3. *Microbrotula rubra* ♂. Transverse section of caudal reservoir (arrow) filled with spermatophores. 10 μ section. H-E-orange G. NA: 0.22. Reduced from 170 \times .
- Fig. 4. *Microbrotula rubra* ♂. Transverse section of testes with dorsal sperm ducts (d) filled with spermatophores. 10 μ section. PAS. NA: 0.22. Same magnification as in Fig. 3.
- Fig. 5. *Calamopteryx goslinei* ♂. Transverse section of caudal reservoir filled with spermatozoa. 10 μ section. Tetrachrome. NA: 0.22. Same magnification as in Fig. 3.
- Fig. 6. *Calamopteryx goslinei* ♂. Transverse section of left testis. Left arrow points at mass of spermatozoa, right arrow at medial sperm duct of testis. 10 μ section. Tetrachrome. NA: 0.22. Same magnification as in Fig. 3.

①

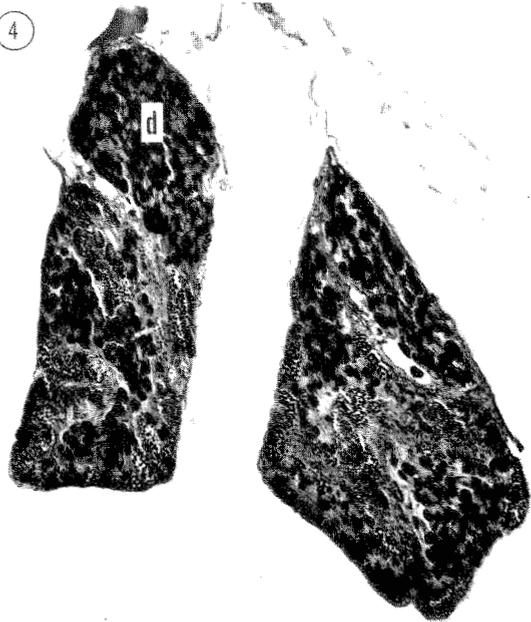


50 μ

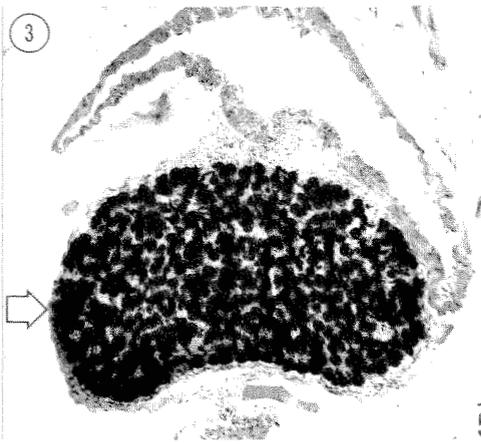
②



④

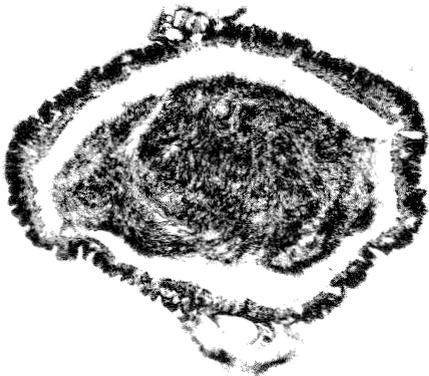


③



50 μ

⑤



⑥

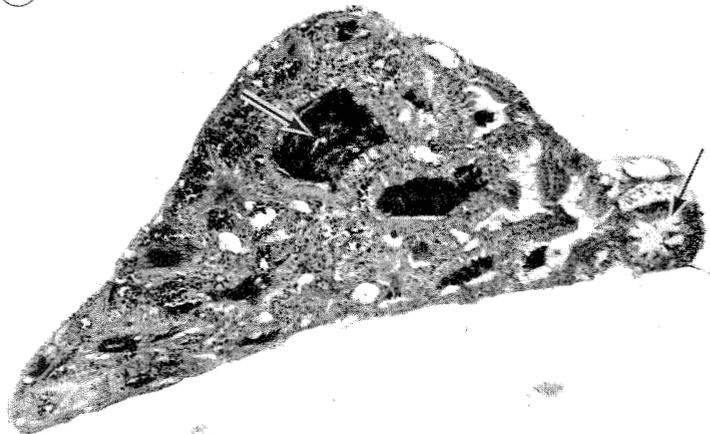
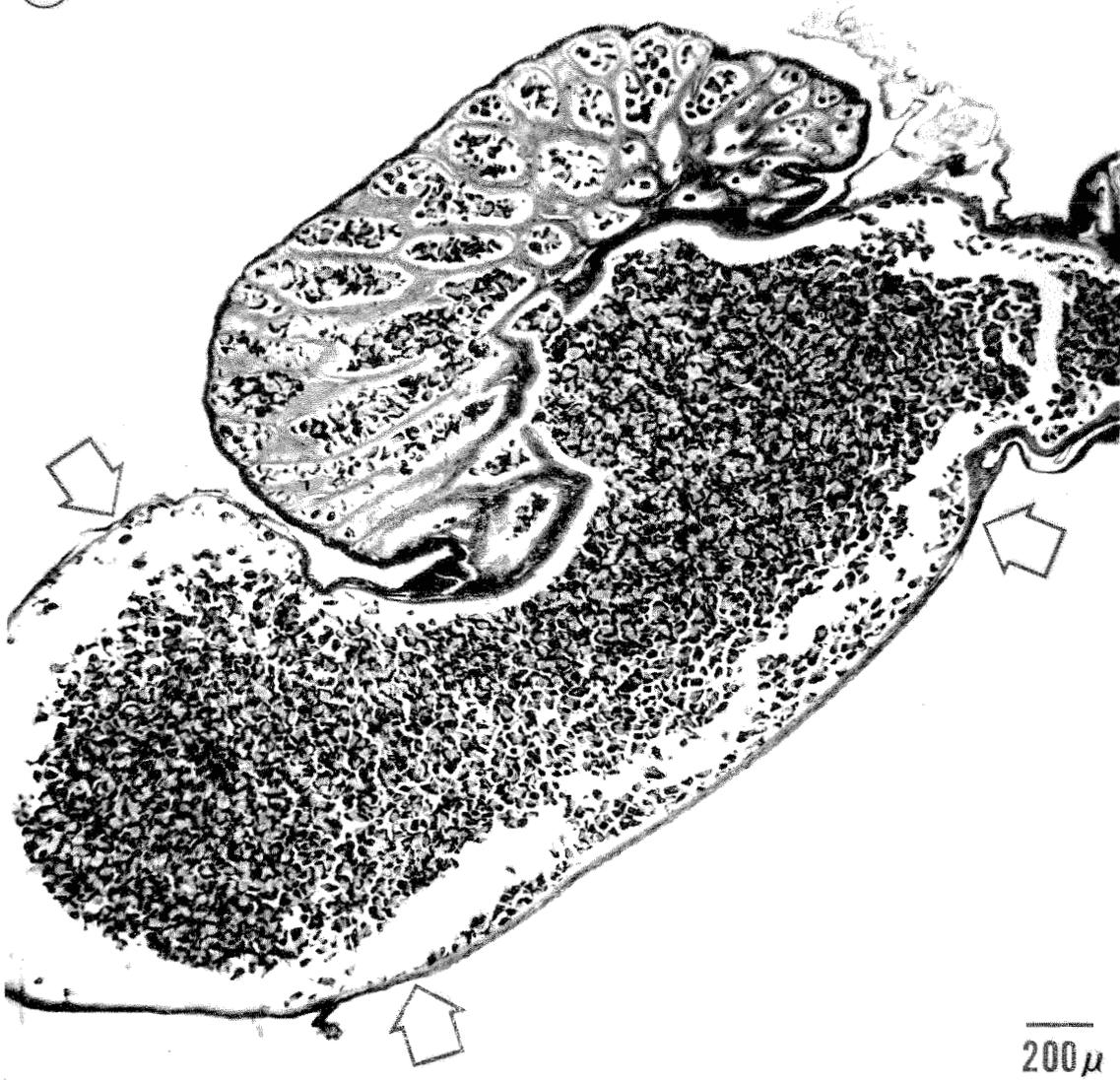


PLATE XX

Brosomphysis marginatus ♂

- Fig. 1. Transverse section of reservoir filled with spermatophores (arrows) and caudal part of left testis. 10 μ section. Tetrachrome. NA: 0.10. Reduced from 50 \times .
- Fig. 2. Transverse section of right testis. Arrow points at ventrally located sperm duct filled with spermatophores. 10 μ section. AB-PAS. NA: 0.10. Same magnification as in Fig. 1.

①



②

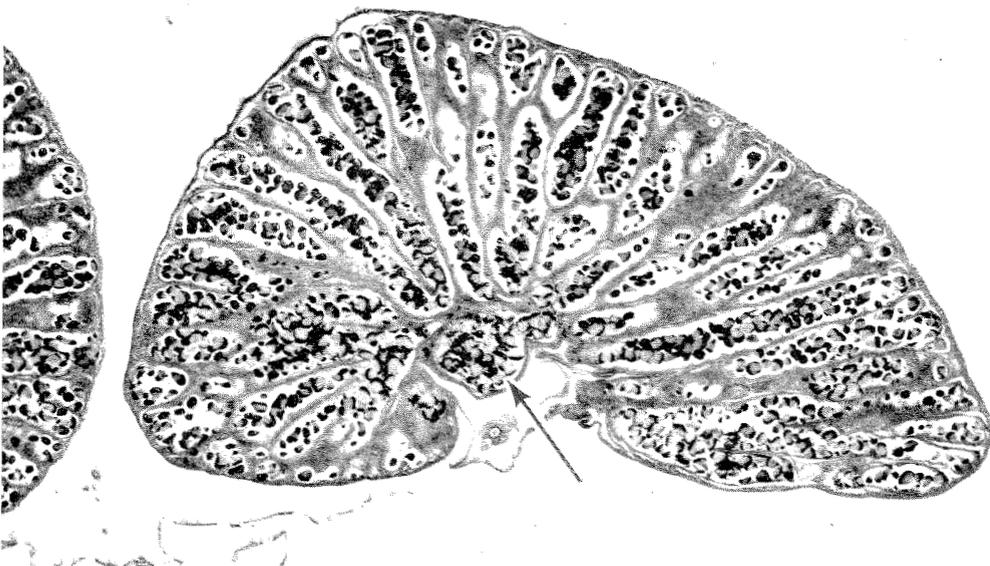


PLATE XXI

- Fig. 1. *Brosmophysis marginatus* ♂. Peripheral part of testis. Arrow points at spermatophore in which heads of spermatozoa are located at both ends of oblong capsule. 10 μ section. AB-PAS. NA: 0.22. Reduced from 240 \times .
- Fig. 2. *Microbrotula rubra* ♂. Ventral part of testis with spermatophores. Arrow points at spermatophore in which heads of spermatozoa are located at both ends of oblong capsule. 10 μ section. PAS. NA: 1.0. Reduced from 750 \times .

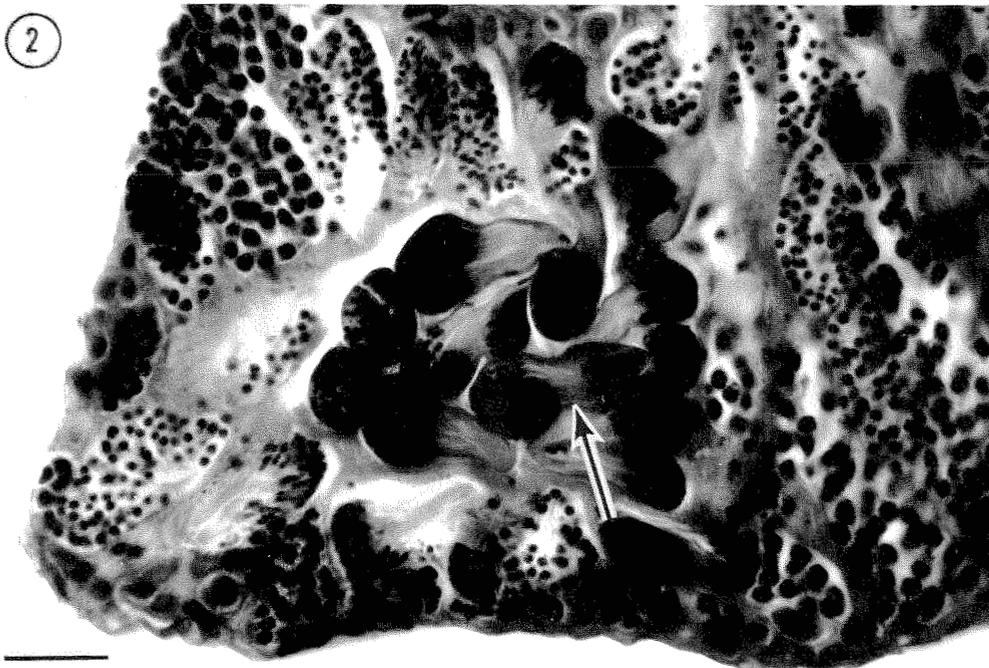
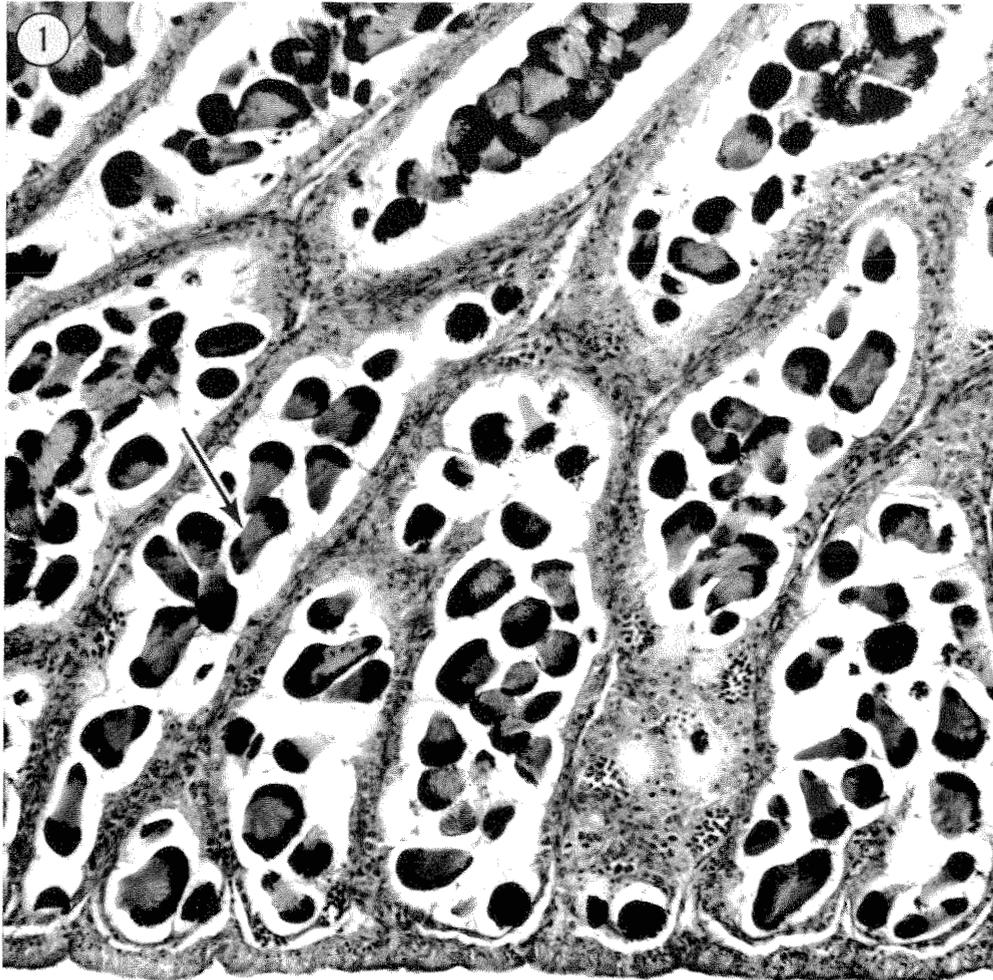


PLATE XXII

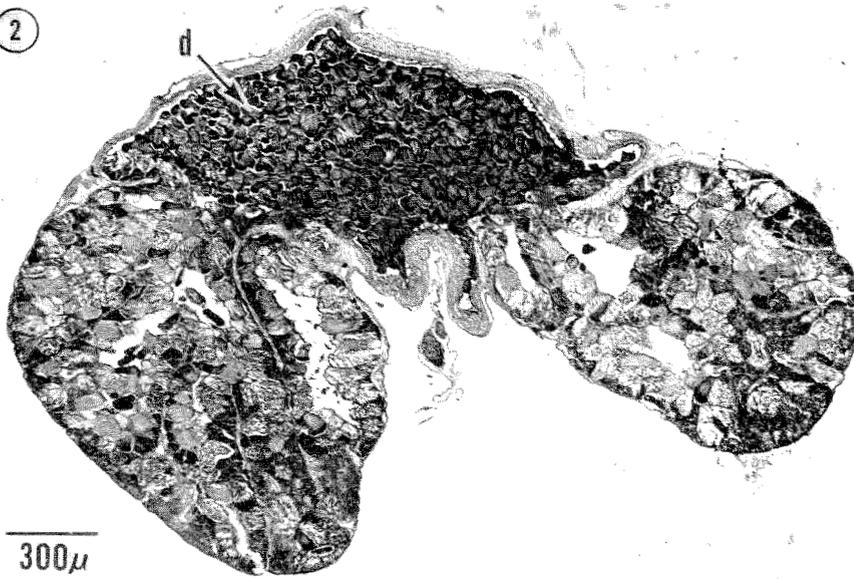
Barathronus bicolor ♂ (Std. l. 93 mm)

- Fig. 1. Transverse section of caudal reservoir filled with spermatophores. 10 μ section. PAS. NA: 0.10. Reduced from 54 \times .
- Fig. 2. Transverse section of testes with fused dorsal sperm ducts (d) filled with spermatophores. 10 μ section. PAS. NA: 0.10. Reduced from 54 \times .
- Fig. 3. Transverse section of testes with dorsal sperm duct (d) filled with spermatophores. 10 μ section. PAS. NA: 0.10. Reduced from 54 \times .

①



②



③

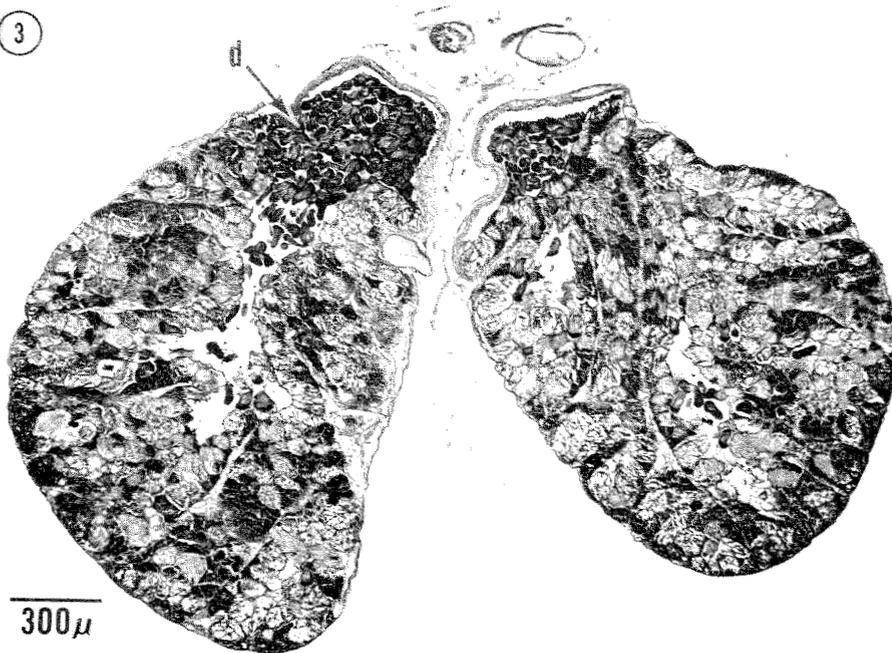


PLATE XXIII

- Fig. 1. *Barathronus bicolor* ♂. Spermatophores. One of the spermatophores shows the heads of spermatozoa at both ends. 10 μ section. PAS. NA: 0.65. Reduced from 960 \times .
- Fig. 2. *Aphyonus* sp. ♂. Transverse section of left testis. Dorsal sperm duct (d) filled with spermatophores. 8 μ section. PAS. NA: 0.10. Reduced from 54 \times .
- Fig. 3. *Leucochlamys cryptophthalmus* ♂. Transverse section of left testis. Dorsal sperm duct (d) with spermatophores. 8 μ section. PAS. NA: 0.60. Reduced from 185 \times .

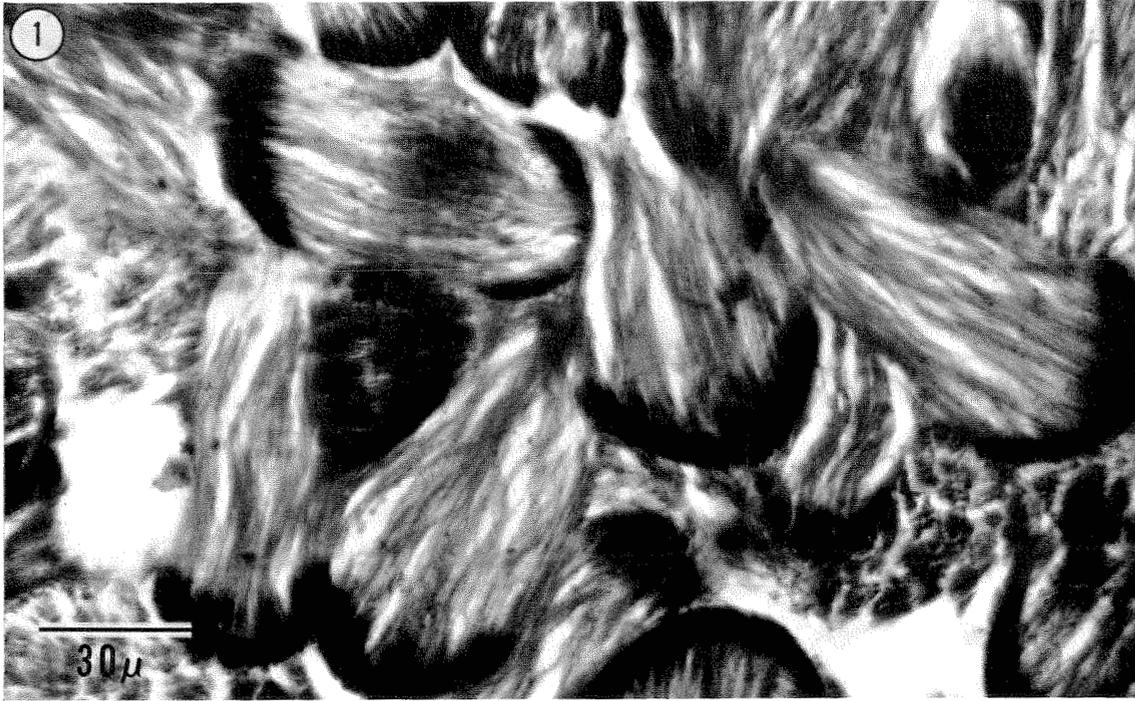


PLATE XXIV

- Fig. 1. *Oligopus diagrammus* ♀. Transverse section of left ovary with spermatophore (s). 10 μ section. PAS. NA: 0.32. Reduced from 375 \times .
- Fig. 2. *Barathromus bicolor* ♀. Ovarian epithelium with spermatozoa (arrow). 10 μ section. PAS. NA: 0.60. Reduced from 500 \times .
- Fig. 3. *Leucochlamys* sp. ♀. Transverse section of left ovary with immature oocytes (o). Spermatozoa and a few partly emptied capsules (s) are seen. 8 μ section. PAS. NA: 0.60. Reduced from 385 \times .

