

PLATE 29

Holothurian spicules—

- FIG. 1. *'Cucumaria' frauenfeldi* Ludwig, holotype, 1939.4.5.1.
- FIG. 2. *Staurothyone rosacea* (Semper), 1935.5.15.3.
- FIG. 3. *Aslia forbesi* (Bell), syntype, 83.4.19.3.
- FIG. 4. *Trachythyone typica* (Théel), syntype, 86.10.2.80.
- FIG. 5. *Leptopentacta javanicus* (Sluiter), 89.6.15.28.
- FIG. 6. *Ocnus capensis* (Théel), syntype, 86.10.2.52.
- FIG. 7. *Stolus canescens* (Semper), 84.3.8.39.
- FIG. 8. *Pentacta anceps* (Selenka), 1935.5.10.1.
- FIG. 9. *P. australis* (Ludwig), 1962.12.17.19.
- FIG. 10. *P. cucumis* (Semper), 1932.4.28.178.
- FIG. 11. *P. quadrangularis* (Lesson), 1956.11.21.2.
- FIG. 12. *Plesiocolochirus challengerii* (Théel), syntype, 86.10.2.81.
- FIG. 13. \**Havelockia versicolor* (Semper), 69.12.1.53.
- FIG. 14. *Stolus buccalis* (Stimpson), 69.12.1.27.
- FIG. 15. *Hemithyone semperi* (Bell), syntype, 82.2.22.116.
- FIG. 16. \**Stolus conjugens* (Semper), 69.12.1.51.
- FIG. 17. \**Thyone pedata* Semper, 69.12.1.28.
- FIG. 18. *Phyllophorus (Urodemella) holothuroides* Ludwig, 89.6.15.20.
- FIG. 19. *P. (Phyllothuria) hypsipyrge* (von Marenzeller), 86.10.2.112.
- FIG. 20. *Mensamaria intercedens* (Lampert), 1948.2.13.4.

All  $\times 150$ .

\* Signifies original Semper slides, possibly from type-material.

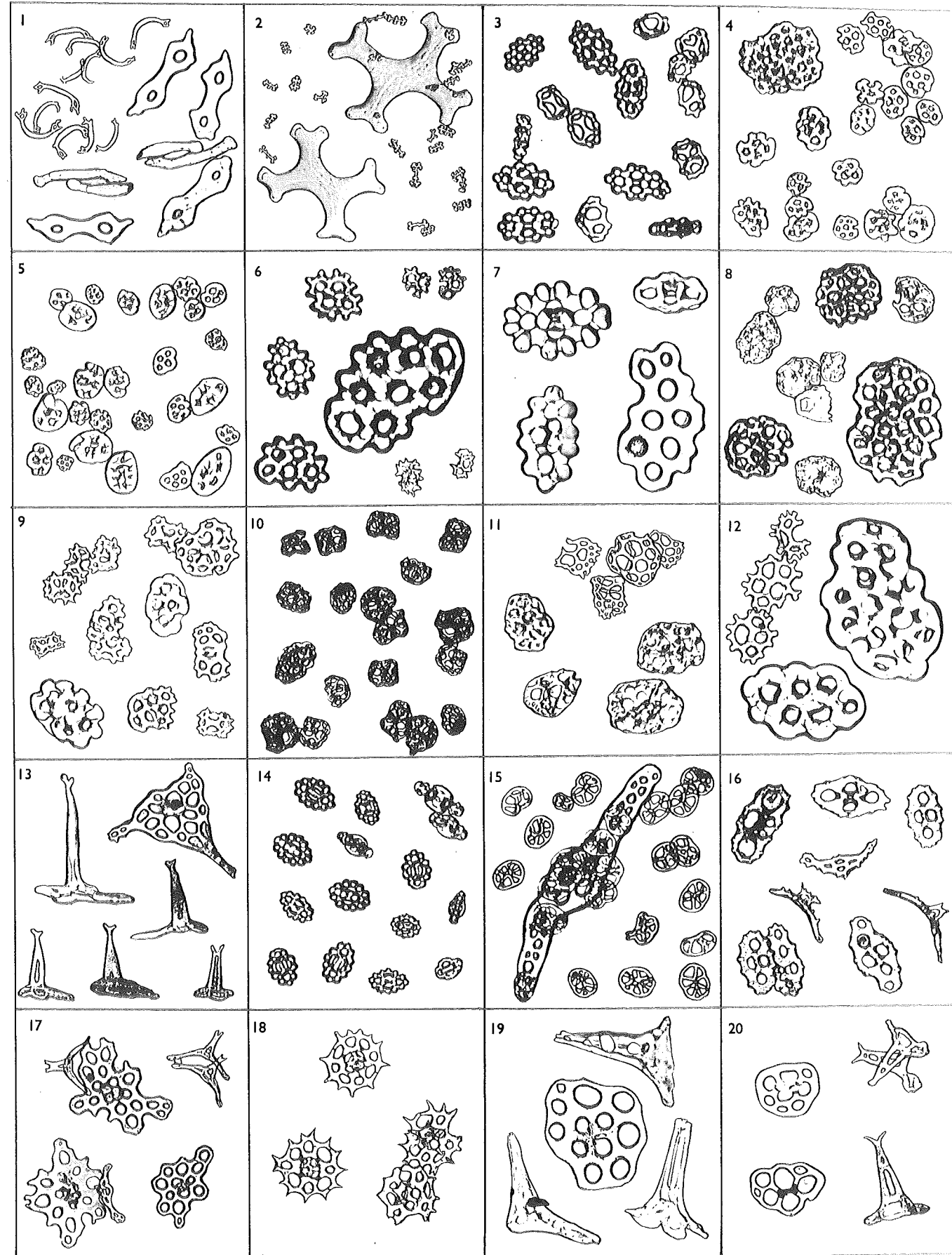
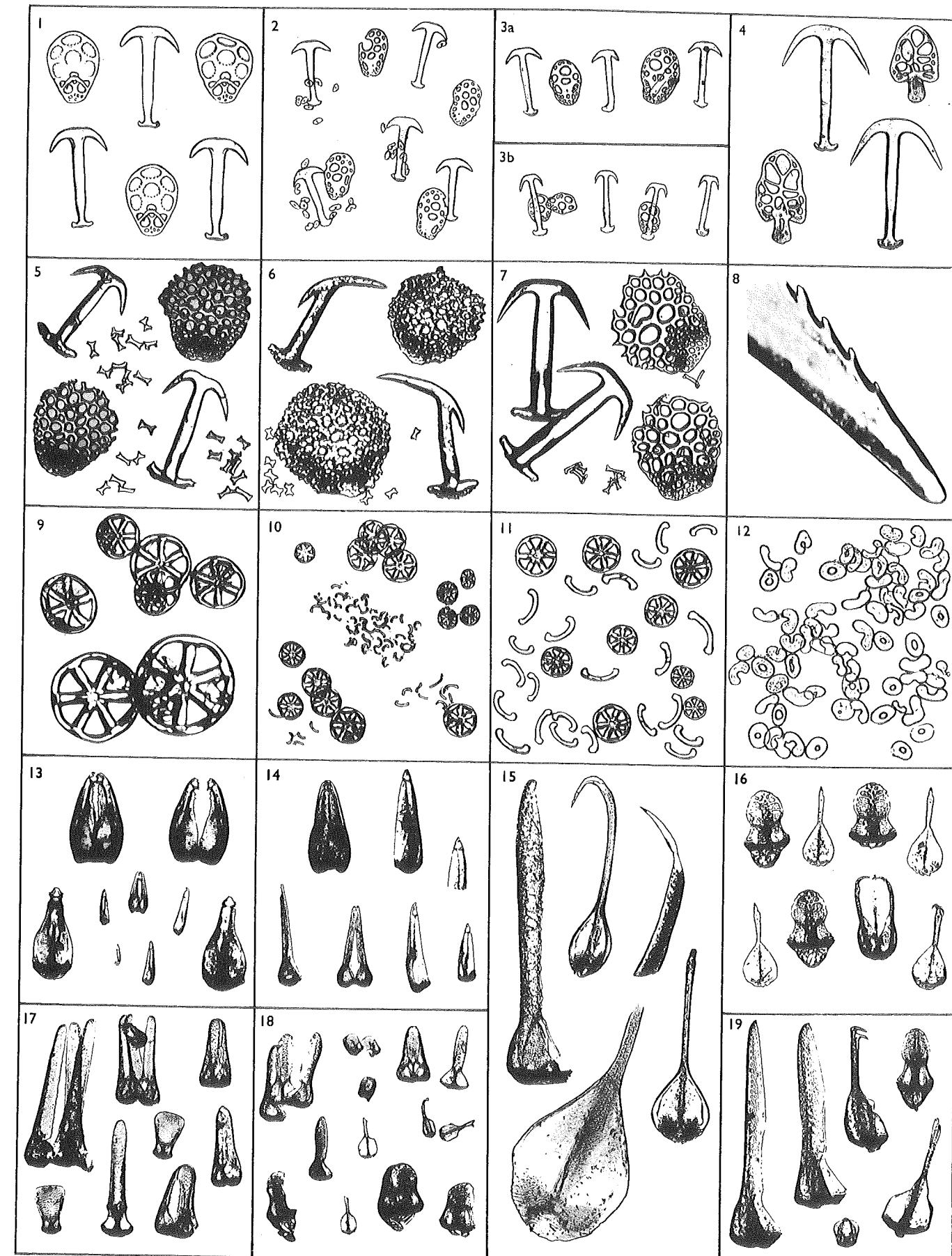


PLATE 31



Holothurian spicules—

- FIG. 1. *Polyplectana kefersteini* (Selenka), 69.12.3.50.
- FIG. 2. *Patinapta laevis* (Bedford), paratype, anterior spicules, 98.8.8.1.
- FIG. 3. *P. ooplax* (von Marenzeller), *a* anterior spicules and *b* posterior spicules, 1952.12.3.4.
- FIG. 4. *Labidoplax dubia* (Semper), 69.12.1.44.
- FIG. 5. *Protankyra bidentata* (Woodward & Barrett), 1937.1.5.18.
- FIG. 6. *P. petersi* (Semper), 86.6.26.67.
- FIG. 7. \**P. similis* (Semper), 69.12.1.50.
- FIG. 8. \*The same.
- FIG. 9. *Chiridota rigida* Semper, 1935.5.15.4.
- FIG. 10. *C. violacea* (J. Müller), 1950.10.17.4.
- FIG. 11. *Polycheira rufescens* (Brandt), 82.10.16.37.
- FIG. 12. *Acaudina molpadoides* (Semper), 88.1.2.40.

Echinoid pedicellariae—

- FIG. 13. *Eucidaris metularia* (Lamarck), 1949.10.31.1, globiferous.
- FIG. 14. *Prionocidaris baculosa* (Lamarck), 92.4.4.37, globiferous and tridentate.
- FIG. 15. *Toxopneustes pileolus* (Lamarck), 93.8.25.49, globiferous and tridentate.
- FIG. 16. *Tripneustes gratilla* (Linnaeus), globiferous and ophicephalous.
- FIG. 17. *Echinothrix calamaris* (Pallas), tridentate and triphyllous.
- FIG. 18. *Salmacis bicolor* L. Agassiz, 83.10.27.3, globiferous, tridentate, triphyllous and ophicephalous.
- FIG. 19. *Echinometra mathaei* (de Blainville), globiferous, tridentate, triphyllous and ophicephalous.

Figures 1-7, 9-11  $\times 70$ ; figure 8  $\times 500$ ; figure 12  $\times 150$ ; figures 13-19  $\times 25$ .  
 \* Signifies original Semper slides, possibly from type-material.