

PLATE XIX^a.

Asthenosoma tessellatum, A. Ag. (fig. 1), p. 88.

Fig. 1. Seen from the actinal side ; natural size.

Phormosoma tenue, A. Ag. (fig. 1), p. 91.

„ 2. Seen from the actinal side ; natural size.

PLATE XIX^b.

Asthenosoma tessellatum, A. Ag. (figs. 1-4), p. 91.

Fig. 1. Seen in profile.

„ 2. Same, seen from the abactinal side ; natural size.

„ 3. Abactinal system of same, denuded (‡).

„ 4. Magnified portion of ambulacral area, to show the pointed tentacles of the abactinal system (‡).

PLATE XX.

Hemiaster zonatus, A. Ag. (figs. 1-4), p. 186.

Fig. 1. *Hemiaster zonatus*, seen from the abactinal side ; natural size.

„ 2. Same, seen from the actinal side.

„ 3. Same, seen from the anal extremity.

„ 4. Same, seen in profile.

Hemiaster gibbosus, A. Ag. (figs. 5-16, 22), p. 184.

„ 5. *Hemiaster gibbosus*, denuded, seen from the abactinal side (‡).

„ 6. Same, seen from the actinal side.

„ 7. Same, seen in profile.

„ 8. Same, seen from the anal extremity.

„ 9. Magnified view of half the petaloid ambulacra.

„ 10. Magnified view of portion of the side of the test adjoining lateral ambulacra.

„ 11. Magnified view of abactinal system.

„ 12. Group of spines and pedicellariæ, from the actinal side.

„ 13. Granular tuberculation of miliaries.

„ 14, 15. Club-shaped spines near actinostome.

„ 16. Ambulacral sucker near the actinostome.

„ 22. Suckers from the lateral petaloid ambulacra.