

PLATE XLIV.

Psycheotrepes exigua, n. sp.

Fig. 1. View of the outwardly directed side of a tentacle.

Scotoplanes mollis, Théel.

,, 2. Processes of one of the dorsal ambulacra.

Orphnurgus asper, Théel.

,, 3. Terminal part of a tentacle.

Scotoplanes murrayi, Théel.

,, 4. Terminal part of a tentacle.

Peniagone wyvillii, n. sp.

,, 5. Terminal part of a tentacle.

Elpidia purpurea, n. sp.

,, 6. Terminal part of a tentacle.

Peniagone wyvillii, n. sp.

,, 7. Branch of the terminal part of a tentacle.

Benthodytes typica, n. sp.,, 8. A dorsal process retracted. *a*, canal which pierces the perisoma and combines the dorsal process with one of the dorsal ambulacra.*Scotoanassa diaphana*, n. sp.

,, 9. Terminal part of a tentacle.

Peniagone vitrea, n. sp.

,, 10. Terminal part of a tentacle.

Ilyodæmon maculatus, Théel.

,, 11. Terminal part of a tentacle showing branched canals which communicate with the tentacular cavity and lie enclosed within the thick sole-like terminal part.

Scotoplanes globosa, Théel.

,, 12. Terminal part of a tentacle.

Deima validum, Théel.,, 13. Longitudinal section of the end-portion of a slightly retracted pedicel. *a*, outer layer of the integument containing calcareous plates;