

PLATE XXXIII.

- Fig. 1. *Astroschema rubrum*, Lym., below, $\frac{4}{1}$.
 „ 2. „ „ above, $\frac{4}{1}$.
 „ 3. „ „ arm joint near base of arm, $\frac{4}{1}$.
 „ 4. „ „ arm joint near tip of arm, $\frac{4}{1}$.
 „ 5. *Amphiura incana*, Lym., below, $\frac{8}{1}$.
 „ 6. „ „ above, $\frac{8}{1}$.
 „ 7. „ „ side arm plate in profile with spines, $\frac{8}{1}$.
 „ 8. „ *glabra*, Lym., below, $\frac{1}{1}^2$.
 „ 9. „ „ above, $\frac{1}{1}^2$.
 „ 10. „ „ side arm plate in profile with spines, $\frac{1}{1}^2$.

PLATE XXXIV.

- Fig. 1. *Astroceras pergamena*, Lym., below, $\frac{5}{1}$. The mouth angle is incorrect; there are no mouth papillæ, only irregular grains.
 „ 2. „ „ above, $\frac{5}{1}$.
 „ 3. „ „ arm joint near base of arm, $\frac{5}{1}$.
 „ 4. „ „ arm joint midway of arm, $\frac{5}{1}$.
 „ 5. „ „ arm joint near tip of arm, $\frac{5}{1}$.
 „ 6. *Astroclon propugnatoris*, Lym., entire animal in profile, $\frac{1}{1}$.
 „ 7. „ „ below, $\frac{1}{1}$.
 „ 8. „ „ above, $\frac{1}{1}$.
 „ 9. „ „ arm joint near base of arm, $\frac{1}{1}$.
 „ 10. „ „ arm joint beyond first fork, $\frac{1}{1}$.
 „ 11. „ „ arm joint at tip of twig, $\frac{1}{1}^0$.

PLATE XXXV.

(For further remarks on this plate, see generic descriptions of *Astrophyton* and *Euryale*.)

Figs. 1-16. *Euryale aspera*, Lmk.

„ 17-25. *Astrophyton costosum*, Seba.

„ 26. *Gorgonocephalus agassizii*, Lym. (Marked *A. costosum* on the plate.)

Fig. 1. *Euryale aspera*, Lmk., $\frac{4}{1}$. A mouth angle with skin removed to show the large side mouth shields (*b*), jaws (*c*), jaw-plate (*e*), mouth papillæ (*d*), and teeth (*d''*), under arm plate (*h*), side arm plate (*i*).