

- Fig. 10. *Ophiohelus umbella*, Lym., $\frac{5}{1}$. A joint close to tip of arm, digested with potash; seen from above. On the upper side is the film-like upper arm plate pierced with numerous holes; to the right and left of it is a side arm plate, also of open structure, and having a spine ridge which consists of two or three crowded, irregular rows of elongated mamelons. On the right these mamelons are shown carrying their parasol spines. Underneath are the curious, curved, translucent bars that are the two halves of the arm bone, united only at their articulating ends.
- „ 11. „ „ $\frac{7}{1}$. Scales of disk, one of them bearing a minute spine cleaned with potash to show their open structure, and the mode of growth of the spines.
- „ 12. *Ophiochytra epigrus*, Lym., below, $\frac{3}{1}$. (The mouth angle is not correct. There should be a small jaw plate at the apex, the outer mouth papilla should be larger, and the first under arm plate slightly forked.)
- „ 13. „ „ above $\frac{3}{1}$.
- „ 14. „ „ arm joints in profile $\frac{3}{1}$.
- „ 15. *Ophiacantha placentigera*, Lym., below, $\frac{5}{1}$.
- „ 16. „ „ above, $\frac{5}{1}$.
- „ 17. „ „ arm joints in profile, $\frac{5}{1}$.

PLATE XXIX.

- Fig. 1. *Amphiura angularis*, Lym., below, $\frac{8}{1}$.
- „ 2. „ „ above, $\frac{8}{1}$.
- „ 3. „ „ arm spines, $\frac{8}{1}$.
- „ 4. „ *dilatata*, Lym., below, $\frac{1}{1}$.
- „ 5. „ „ above, $\frac{1}{1}$.
- „ 6. „ „ a side arm plate with its spines in profile, $\frac{1}{1}$.
- „ 7. „ *lanceolata*, Lym., below, with one arm complete, $\frac{1}{1}$.
- „ 8. „ „ above, with one arm complete, $\frac{1}{1}$.
- „ 9. „ „ a side arm plate with its spines in profile, $\frac{1}{1}$.
- „ 10. „ *tomentosa*, Lym., below, $\frac{3}{1}$.
- „ 11. „ „ above, $\frac{3}{1}$.
- „ 12. „ „ a side arm plate with its spines in profile, $\frac{3}{1}$.