

- Fig. 16. *Ophiobyrsa rudis*, Lym., ♂. The plastron-like genital plate (*o*) coming high on the arm, having a horn-like scale soldered to it (*n*) is peculiar, as is the large, closely-attached peristomial plate (*v*).
- „ 17. „ „ ♀. Outer face of an arm bone.
- „ 18. „ „ ♀. Inner face of an arm bone.

PLATE XLIV.

- Fig. 1. *Astroschema oligactes*, Ltk., ♀. A mouth angle, with its two neighbouring mouth frames (*f*), and one arm bone from above. The massive radial shield (*l*) is turned on one side, exposing the thick genital plate (*o*) with its elementary scale (*n*). The angle piece (*v'*) is very conspicuous. In simplicity and massiveness, the skeleton has some likeness to that of *Hemieuryale*.
- „ 2. „ „ ♀. Outer face of an arm bone, with a joint of the true *Astrophyton* type. 4 is the hollow corresponding to the articulating shoulder among Ophiurans.
- „ 3. „ „ ♀. Inner face of an arm bone. 1 is the modified umbo of the Ophiurans.
- „ 4. „ „ ♀. Arm plates of one joint, viewed diagonally; under arm plate (*h*), side arm plate (*i*), tentacle holes (*r*), broken pieces corresponding to upper arm plates (*j*). The entire arrangement is like that found in *Ophiomyxa*.
- „ 5. „ „ ♀. A joint, about three-fourths out on the arm, in profile. The granulated skin is slit to show the side arm plate (*i*), carrying a large tentacle scale (spine), and the pieces above. From behind it protrudes the tentacle (*r*). At this point there is no under arm plate, or, at the most, a granule.