

PLATE CXLIX.

- Fig. 1. *Sylon challengeri*, attached to *Spirontocaris spinus*, a part of the right side of the Shrimp having been taken away; *x*, the injured part at the surface of the sac; I., II., III., IV., and V., the first to the fifth pleopods of the left side of the Shrimp; *Vα*, the fifth pleopod of the right side. Magnified 13 diameters.
- „ 2. *Sylon challengeri*, seen from below, with a part of the wall of the host attached; *e*, the ovary of the parasite. Magnified 12 diameters.
- „ 3. *Sylon challengeri*, front view; *x*, the injured part at the surface. Magnified 12 diameters.
- „ 4. *Sylon schneideri*, front view; *a*, openings leading into the mantle-cavity; *B*, transverse section of *Hippolyte pusiola*. Magnified 12 diameters.
- „ 5. *Sylon schneideri*, seen from the side, the lateral parts of the exoskeleton of the second and third abdominal segment of the *Hippolyte* being taken away; *a* and *B* as in fig. 4; II.-IV., second to fourth pleopod. Magnified 12 diameters.