

PLATE IV.

Spirula peronii.

Fig. 1.—Right side ; the walls of the mantle and of the episoma behind it are cut away.

- a.* Posterior limit of the pallial cavity.
- g.s.* Ganglion stellatum.
- I.m.r.* Retractor muscle of the infundibulum.—Other letters as in the foregoing plates.

Fig. 2.—Right side ; dissection carried further.

- a, b.* Style introduced into an apparently natural aperture on the inner side of the stem of the right branchia.
- br.* Stump of the stem of the right branchia.
- br.a.* Afferent branchial vessel.
- br.h.* Branchial heart.
- c.s.* Cardiac sac of the stomach.
- o.m.* Root of the ovary.
- w''.* Passage connecting the right and left divisions of the visceropericardial cavity.—Other letters as before.

Fig. 3.—Left side ; the wall of the episoma removed.

- a.* The visceral wall of the pallial cavity cut away.
- b.* Wide artificial opening.
- ov.* Ova.

Fig. 4.—Aspect of fig. 3, showing the contents of the visceropericardial cavity after the mass of the ova was removed.

- a.* Appendage of the left branchial heart.
- b.* Style introduced into an artificial opening of the visceropericardial cavity.
- br.h'.* Left branchial heart.
- o.d.* Oviduct.
- p.c.* Pancreatic cæca.
- p.s.* Pyloric spiral sac of the stomach.
- p.t.n.* "Peritoneal" sac.—Other letters as before.

Fig. 5.—Upper part of the same aspect as fig. 4, with the left branchia turned down.

- a.* Style.
- br.a.* Afferent branchial vessel.
- M.* Projection formed by the left accessory nidamental gland.
- w'.* Artificial aperture in the visceropericardial cavity.