

PLATE XXXII.

Figs. 1-9. *Petalophthalmus armiger*, Willemoes-Suhm.

- Fig. 1. Adult male, from left side ; magnified about four times.
Fig. 2. Anterior part of body, from above.
Fig. 3. One of the petaloid eyes.
Fig. 4. Right antenna, from outer side.
Fig. 5. Gnathopod.
Fig. 6. Maxilliped.
Fig. 7. A pleopod.
Fig. 8. Extremity of tail, with telson and right uropod, from above.
Fig. 9. Tip of telson ; more highly magnified.

Figs. 10-20. *Boreomysis scyphops*, G. O. Sars.

- Fig. 10. Adult female, from left side ; very slightly magnified.
Fig. 11. Anterior division of body, together with first caudal segment, from left side ; somewhat more magnified. The free parts of the carapace have been removed to show the segments of the trunk with their branchial folds ; moreover, the gnathopods and legs are omitted ; to show the seven incubatory lamellæ issuing from their bases.
Fig. 12. Anterior division of body, together with the two anterior caudal segments, from above. The dorsal body-wall ; together with the viscera, have been removed to show the nervous cord.
Fig. 13. Left eye, from outer face.
Fig. 14. Mandible, with palp.
Fig. 15. Maxilla of first pair.
Fig. 16. Maxilla of second pair.
Fig. 17. Maxilliped ; the terminal part of the exopodite is omitted.
Fig. 18. Gnathopod, with attached incubatory lamella.
Fig. 19. Outer part of a leg.
Fig. 20. Extremity of tail, with telson and left uropod, from above.