

PLATE IX.

Eucopia australis, Dana.

- Fig. 1. Adult female with marsupial pouch, from right side; magnified about three times. The exterior parts of the four posterior pairs of legs were broken off.
- Fig. 2. Same, from above.
- Fig. 3. Ocular segment, with left eye and antennular peduncles, from above.
- Fig. 4. Antenna, with scale and proximal part of flagellum.
- Fig. 5. Anterior lip and mandibles *in situ*, from below.
- Fig. 6. Masticatory parts of mandibles, exhibiting the armature of the cutting edges.
- Fig. 7. Last joint of mandibular palp.
- Fig. 8. Posterior lip.
- Fig. 9. Maxilla of first pair.
- Fig. 10. Extremity of outer masticatory lobe of same; more highly magnified.
- Fig. 11. Maxilla of second pair.
- Fig. 12. Maxilliped, with the rudimentary exopodite and greatly developed epipodite.
- Fig. 13. Extremity of endopodite of same; more highly magnified.
- Fig. 13 (*bis*). Leg of first pair, or first gnathopod, with attached gill.
- Fig. 14. Gill of same, isolated and more highly magnified.
- Fig. 15. Leg of second pair, or second gnathopod, with attached gill and incubatory lamella.
- Fig. 16. Extremity of same; more highly magnified.
- Fig. 17. Leg of third pair, or third gnathopod.
- Fig. 18. Extremity of same; more highly magnified.