

PLATE XXII.

*Thysanoëssa gregaria*, G. O. Sars.

(Anatomy—*continued*).

- Fig. 1. Anterior lip.
- Fig. 2. Posterior lip.
- Fig. 3. Mandible.
- Fig. 4. Mandibular palp.
- Fig. 5. Masticatory parts of mandibles, exhibiting the armature of the cutting edges.
- Fig. 6. Maxilla of first pair.
- Fig. 7. Maxilla of second pair.
- Fig. 8. Maxilliped.
- Fig. 9. Terminal joint of same ; more highly magnified.
- Fig. 10. Leg of first pair, with gill and luminous organ.
- Fig. 11. Leg of second pair, with attached gill.
- Fig. 12. Extremity of same ; more highly magnified.
- Fig. 13. Leg of third pair, with gill.
- Fig. 14. Leg of fourth pair, with gill.
- Fig. 15. Leg of fifth pair, with gill.
- Fig. 16. Leg of penultimate pair, with gill and luminous organ.
- Fig. 17. Gill of last pair, with rudiment of leg.
- Fig. 18. Leg of penultimate pair, without gill and luminous organ ; more highly magnified.
- Fig. 19. Rudimentary leg of last pair.
- Fig. 20. Gill of second pair.
- Fig. 21. Gill of third pair.
- Fig. 22. Gill of fourth pair.
- Fig. 23. Gill of fifth pair.
- Fig. 24. Gills of the two posterior pairs, on right side, *in situ*, from outer face.
- Fig. 25. Spermatophores affixed to the genital openings of a female specimen.
- Fig. 26. Extremity of tail, with caudal fan, from above.
- Fig. 27. Inner plate of a male pleopod of first pair.
- Fig. 28. Inner plate of a male pleopod of second pair.
- Fig. 29. Copulatory appendage to first pleopod, isolated, and more highly magnified.
- Fig. 30. Tip of copulatory appendage to second pleopod.