

PLATE XII.

*Euphausia pellucida*, Dana.

(Anatomy—continued.)

- Fig. 1. Right antennular peduncle, from above.  
Fig. 2. Same, from inner side.  
Fig. 3. Dorsal leaflet of same; highly magnified.  
Fig. 4. Dorsal leaflet of another specimen, exhibiting numerous pointed lappets.  
Fig. 5. Left antenna, with scale and proximal part of flagellum, from below.  
Fig. 6. Same, from the outer side.  
Fig. 7. Anterior lip.  
Fig. 8. Posterior lip.  
Fig. 9. Mandible.  
Fig. 10. Masticatory parts of mandibles, more highly magnified, exhibiting the armature of the cutting edges.  
Fig. 11. Mandibular palp.  
Fig. 12. Maxilla of first pair.  
Fig. 13. Maxilla of second pair.  
Fig. 14. Maxilliped.  
Fig. 15. Extremity of same; more highly magnified.  
Fig. 16. Leg of first pair, with attached gill.  
Fig. 17. Terminal joint of same; more highly magnified.  
Fig. 18. Leg of second pair, with attached gill.  
Fig. 19. Leg of antepenultimate pair, with attached gill.  
Fig. 20. Gill of third pair.  
Fig. 21. Gill of fourth pair.  
Fig. 22. Extremity of a gill-stem, with seven of the digitiform lobules, highly magnified.  
Fig. 23. Spermatophore found affixed to the genital orifice of a female specimen.  
Fig. 24. A pair of pleopods of a female specimen, with the luminous organ projecting between their bases.  
Fig. 25. Inner branch of a pleopod, without the marginal setæ.  
Fig. 26. Luminous globule from the tail, isolated and highly magnified.  
Fig. 27. Extremity of tail, with telson and right uropod, from below.  
Fig. 28. Inner branch of a male pleopod of first pair, exhibiting the peculiar copulatory appendages.  
Fig. 29. Inner branch of a male pleopod of second pair.  
Fig. 30. Central part of the nervous system (nervous cord), with all the ganglia in their natural connection with each other, from below.