

PLATE XXVIII.

*Astacopsis spinifer* (p. 194).

The lateral wall of the carapace has been removed to show the branchial arrangement ; podobranchiæ removed to show the plan of the branchiæ beneath ; arthrobranchiæ removed from the first two pairs of pereopoda to show their position and that of the pleurobranchiæ.

- k.* First pair of pereopoda.  
*pdb.* Podobranchiæ.  
*arb.* Arthrobranchiæ.  
*plb.* Pleurobranchiæ.  
*mt.* Movable appendages, probably the rudiments of the foliaceous appendages that form the ventral incubatory pouch in certain genera.  
*d.* Siagon or mandible ; 1 coxa, 2 basis, 3 terminal joint.  
*e.* First siagnopod ; 1 coxa, 2 basis, 3 ischium, 4 terminal joint.  
*f.* Second siagnopod ; 1 coxa, which carries the mastigobranchial plate ; other numerals as before.  
*g.* Third siagnopod ; numerals as before ; *ec*, a multiarticulate ephysis of the basis.  
*h.* First gnathopod ; 1, 2, 3, as before ; 4 meros, 5 carpos, 6 propodos.  
*i.* Second gnathopod ; numerals as before ; *ec*, ephysis ; *pdb*, podobranchia.  
*pdbr.* Podobranchia.  
*arb.a.* Anterior arthrobranchia.  
*arb.p.* Posterior arthrobranchia.  
*plbr.* Pleurobranchia.
- } Arranged in a diagrammatic section.