

## PLATE XXII.

*Phoberus tenuimanus* (p. 171).

(*Acanthocaris tenuimana* on Plate.)

Pereion, with the lateral wall of the carapace removed to show the natural position and arrangement of the branchiæ; *i*, second gnathopod; *k-o*, pereiopoda.

Section of a set of branchial plumes and mastigobranchiæ; *mb*, mastigobranchiæ; *pdb*, podobranchia; *arb*, *arth*, anterior and posterior arthrobranchiæ; *plbr*, pleurobranchia. Above this figure are seen portions of the anterior and posterior arthrobranchia, showing their approximation, *in situ*.

- d.* Siagon (or mandible); from the inside.
- e.* First siagnopod.
- f.* Second siagnopod.
- g.* Third siagnopod.
- h.* First gnathopod, with basecephysis, mastigobranchial plate and podobranchial plume.
- i.* Second gnathopod, with basecephysis, mastigobranchial plate, and podobranchial plume.