

PLATE XXXIXA.

- Fig. 1. Anterior hook of *Praxilla abyssorum*, . . . . . × 350.
- Fig. 2. Portion of a branchial radiole (near the base) of *Dasychone bairdi*. The tips of the pinnæ have been injured, . . . . . × 12.
- Fig. 3. Fragment of a branchial radiole of *Dasychone picta*, partially turned round so as to expose one of the external processes, . . . . . × 90.
- Fig. 4. View of a portion of one of the branchial arms of *Dasychone orientalis*, . . . . . × 90.
- Fig. 5. Fragment of the base of a branchial radiole of *Dasychone japonica*, . . . . . × 12.
- Fig. 6. Portion of the middle of a branchial process of *Dasychone nigro-maculata*, . . . . . × 12.
- Fig. 7. View (near the tip) of a portion of a branchial radiole of *Dasychone violacea*, . . . . . × 12.
- Fig. 8. Portion of the base of a branchial process of *Dasychone capensis*, . . . . . × 12.
- Fig. 9. Two segments, from the distal region of a branchial radiole of *Dasychone bairdi*, . . . . . × 12.
- Fig. 10. Crustacean parasite (*Praxillinicola kröyeri*) of *Praxilla abyssorum*, . . . . . Enlarged.
- Fig. 11. Crustacean parasite (*Æstrella levinseni*) of *Ehlersiella atlantica*, . . . . . Enlarged.
- Fig. 12. View of the distal aspect of the upper spinous circle of *Hydroides multispinosa*, . . . . . × about 24.
- Fig. 13. Tube formed of a scale-like arrangement of shells from Port Jackson, Sydney, . . . . . About natural size.