

EXPLANATION OF PLATES

All figures were drawn with the aid of a camera lucida from hexatoxylum stained mounts in damar, except figure 1, which was from an alcoholic specimen. Magnification is indicated by a projected portion of a stage micrometer accompanying each drawing, values of these scales are given in a footnote.

PLATE I.*

Ptilocollis arcticus, n. sp.

- Fig. 1. Female, showing general body form. It was from this individual that the proboscis was later removed for study.
2. Profile of proboscis of fully mature female.
3. Surface view of a portion of the body wall from mature female, showing cuticular spines.
4. Proboscis of same individual shown in fig. 1.
5. An embryo from body cavity of gravid female.

* The scale indicating magnification accompanying Fig. 1 has the value of 1 mm.; scales accompanying all other figures of this plate have the value of 0.1 mm.