

APPENDIX I.

DESCRIPTION OF THE SPECIES DREDGED DURING THE CRUISE
OF THE "KNIGHT ERRANT."

During the recent cruise of the "Knight Errant," organised by Prof. Sir Wyville Thomson to acquire a more accurate knowledge of the abnormal distribution of temperature in the Faroe Channel, numerous Pycnogonids were collected by trawling. As this cruise bears upon the voyage of the Challenger and the study of the results of her voyage, I was asked to give also a description of these forms for this report.

Nymphon strömii, Kröyer.

Nymphon strömii, Kröyer, Bidrag til Kundskab, &c., Natürh. Tidskr., N. R., i. 111, 1845.

Nymphon gracilipes, Heller, Crustaceen, Pycnogoniden, und Tunicaten der K. K. Oester. Ungar. Nordpol. Exped. Denkschr. der Math., Naturw. Classe der Kaiserlichen Akad. der Wiss., xxxv. 40, 1875.

Nymphon strömii, Kröyer, Miers, Ann. and Magazine, 4th series, vol. xx. p. 109, 1877.

Nymphon gracilipes, Heller, G. O. Sars, Prodromus descriptionis Crustaceorum et Pycnogonidarum, quae in expeditione Norvegica, anno 1876, observavit, Arch. f. Math. og Naturvid., ii. 265, 1877.

Nymphon strömii, Kröyer, Wilson, Pycnogonida of New England, Transact. Connect. Acad., vol. v. p. 17, pl. vi. fig. 1a-1h, 1880.

This beautiful and distinct species is accurately described by Kröyer, and also by Wilson. Its synonymy and wide geographical range I have discussed at some length in the description of the Pycnogonids collected during the two cruises of the Dutch schooner "Willem Barents" in the Barents Sea, which at this moment is in the hands of the printer, and will be published probably before the end of the year (1880).¹

The dimensions of the "Knight Errant" specimens are much smaller than those of the specimens described by Heller and myself, and even smaller than those which Wilson has got from the neighbourhood of the North American coast.

The extent² of the largest "Knight Errant" specimen is not quite 100 mm. The

¹ Supplement-Band of the Niederländisches Archiv für Zoologie, Leiden, E. J. Brill.

² "Extent is the distance from tip to tip of the outstretched legs" (Wilson, *loc. cit.*, p. 5).