

The species of the English coast found (1842-44) a new monographer in Goodsir,¹ who in three consecutive papers enumerates a large number of species new to the fauna of the British Isles and to science in general. Two new genera (*Pepredo* and *Pasithoe*) are proposed by him, but owing to the want of detail Mr Goodsir's papers are of little value, for it is absolutely impossible to recognise either his new genera or his new species from such descriptions as he gives.

Of as little value is the list given by Hodge (1864),² in which all Goodsir's species are found, in addition to some new *Ammotheas* and species of his new genus *Achelia*. Since Hodge's list—though occasionally in English periodicals short descriptions of new species have been published—no special paper on the Pycnogonids of the English coast has appeared.

Those of the Norwegian coast found a very able describer in Krøyer (1845),³ who gives very clear diagnoses of the genera and species. As a new genus he proposes *Zetes*, and the total number of species described by him is twelve. These descriptions were published without illustrations; but illustrations to the text may be found in Quoy and Gaimard's *Voyages en Scandinavie, Laponie, &c., Zoologie, Crustacés*, pl. xxxix. (1840).

For the Pycnogonids of Northern Europe and the coasts of the Arctic Ocean, besides Krøyer, the following authors must be mentioned:—Otho Fabricius⁴ for the coast of Greenland, as mentioned above. Sabine⁵ (1824) describes two *Nymphons* (*N. grossipes* and *N. hirsutum*) and a species of *Phoxichilus* (*P. proboscideus*—a true *Colossendeis*, Jarzynsky), found on the shores of the North Georgian Islands. Bell (1855),⁶ in Belcher's *Last of the Arctic Voyages*, gives descriptions and drawings of two new species of *Nymphon* (*N. hirtipes* and *N. robustum*) common in higher northern latitudes. Jarzynsky (1870)⁷ enumerates the species of Russian Lapland and the White Sea. A new genus (*Colossendeis*) is proposed by him. Buchholz (1874),⁸ in the narrative of the second German North Polar Expedition, enumerates three species of *Nymphon*, but none of these are new.

¹ Harry D. S. Goodsir.—*Edinburgh New Philosophical Journal*, vol. xxxii., 1842; *ibid.*, vol. xxxiii., 1842; *On the Specific and Generic Characters of the Araneiform Crustacea*, *Annals and Mag. of Nat. Hist.*, vol. xiv., 1844.

² George Hodge.—*List of the British Pycnogonoidea, with descriptions of several new species*, *Ann. and Mag. of Nat. Hist.*, vol. xiii., 3d series, 1864.

³ Henrik Krøyer.—*Bidrag til Kundskab om Pyknogoniderne eller Sospindlerne*, *Natur-historisk Tidsskrift*, Ny Raekke, i., 1845.

⁴ *Loc. cit.*

⁵ A Supplement to the Appendix of Captain Parry's *Voyage for the Discovery of a North-West Passage in the years 1819-20, containing the Zoological and Botanical Notices*, London, 1824; *Marine Invertebrate Animals*, by Captain Edward Sabine.

⁶ Thomas Bell.—*Account of the Crustacea of the Last of the Arctic Voyages in Search of Sir John Franklin, under the command of Captain Sir E. Belcher, C.B., &c.*, in two volumes, vol. ii., 1855.

⁷ Th. Jarzynsky.—*Promissus catalogus Pycnogonidarum inventarum in mari glaciali ad oras Lapponiæ rossicæ et in Mari albo*, anno 1869 et 1870, *Annales de la Soc. des Natur. de St Petersburg*, 1870.

⁸ R. Buchholz.—*Crustaceen der Zweiten Deutschen Nordpolarfahrt, Anhang: Pycnogonida Die Zweit Deutsche Nordpolarfahrt*, ii. 396, 1874.