

“With reference to the food of the east coast herring,” the authors say, “it may be stated generally that the relative frequency of *Hyperia* and [the Schizopod] *Nyctiphanes* depends on the month during which the fish were captured. *Hyperia* is extremely abundant during January and February, and the stock then gradually diminishes, or at any rate the herring do not feed on this form to such a great extent after that time.” But as the *Hyperia* become rare, the stock of *Nyctiphanes* increases. “The quantity of the one appears to be inversely proportional to that of the other.”

1887. BONNIER, JULES, born August 31, 1859 (J. B.).

Catalogue des Crustacés Malacostracés recueillis dans la baie de Concarneau. Paris, 1887. Extrait du Bulletin scientifique du Département du Nord publié sous la direction de M. Alfred Giard. 2^{me} série.—X^{me} année.—1887.

The Amphipoda occupy pages 67–127 (pp. 296–356 of the Bulletin itself),¹ and a part of pages 189, 190. The “Index bibliographique des ouvrages cités” extends from page 167 to page 184. In the classification of the Amphipoda Boeck’s latest work is followed; no new species are recorded or described; some brief notes are given on some of the known species, of which sixty-four are enumerated, with an elaborate synonymy, the discussion of which would involve too much repetition of remarks already made in earlier notices.

1887– BOVALLIUS, C.
1888.

Contributions to a monograph of the Amphipoda Hyperiiidea. Part I. Division 4: The families Tyronidæ, Lanceolidæ, and Vibilidæ (with 10 Plates). Svenska Vetenskaps-Akademiens Handlingar. Ny Fjöld. Band 21: 1884 och 1885. Häftet I. Stockholm 1887 (auf dem Titel 1884).

For the preliminary notice, see Note on Bovallius, 1887 (p. 587). The present instalment of Bovallius’ larger work has not yet come into my hands. The title is quoted from Friedländer’s *Naturæ Novitates* for June 1888.

1887. CHEVREUX, E.

Crustacés Amphipodes nouveaux dragués par l’*Hirondelle*, pendant sa campagne de 1886. Extrait du Bulletin de la Société Zoologique de France, t. xii. 1887. Paris, 1887. 15 pages.

Off Cape Finistère, at a depth of 510 mètres, the *Hirondelle* obtained specimens of “*Nicippe tumida* Bruz.,” “*Ampelisca anomala* G. O. Sars,” and “*Urothoe abbreviata* G. O. Sars,” and the following new species, of which descriptions are given—(1) *Opis hispana*, (2) *Harpinia excavata*, (3) *Amphithopsis grandimana*, (4) *Tritropis Grimaldii*, (5) *Ampelisca uncinata*, (6) *Ampelisca spinimana*, (7) *Byblis Guernei*, (8) *Podoceroopsis abyssii*. Of these the species numbered 1, 2, 5, and 8 are said to be without eyes. *Opis hispana* should be called *Opisa hispana*, the preoccupied *Opis* having been changed by Boeck, and *Tritropis grimaldii* should be called *Rhachotropis grimaldii*, S. I. Smith having substituted *Rhachotropis* for the preoccupied *Tritropis*. In *Podoceroopsis abyssii* there is a rudimentary secondary

¹ Juillet-aout 1887.