

1873. WILLEMOES SUHM, RUDOLPH VON, born September 11, 1847, died September 13, 1875 (John Murray).

“On a new genus of Amphipod Crustaceans.” (March 6, 1873.) Proceedings of the Royal Society of London. Vol. XXI. London, MDCCCLXXIII. pp. 206–208.

The new genus *Thaumops* is thus defined:—

“Caput oblongum, inflatum, oculis maximis superiorem capitis partem tegentibus. Segmenta thoracica 6, abdominalia 5. Antennarum in feminis par unum, maxillarum par unum, pedum paria duo minima maxillarum locum tenentia. Mandibulæ nullæ. Pedes thoracici 5, abdominales 3 in quoque latere. Appendices caudales 4. Gangliorum pectoralium paria 5, abdominalium 3.”

The type is given as “*Thaumops pellucida*, n. sp. Corpus longitudine 14 [84] mm., latitudine 21 mm., pellucidum.”

The full description, with plates, was afterwards published in the Transactions, with various corrections, but both genus and species were, shortly after their institution, identified by their author with Guérin's “*Cystisoma Neptunus*.” The “new family, Thaumopidæ, belonging to the tribe of *Hyperina*,” which he here proposes to establish, was dropped, and a new family, Cystisomidæ, proposed. See Notes on Willemoes Suhm, 1874, 1875, 1879.

1874. BOS, JAN RITZEMA.

Bijdrage tot de kennis van de Crustacea Hedriophthalmata van Nederland en zijne kusten. Groningen. 1874.

The introduction contains a short historical review of carcinology, and, among other points, suggests that the Hedriophthalmata, in spite of their comparatively small size, are the highest representatives of their class, on account of their dispensing with the nauplius- and zoëa-stages, on account of their including many terrestrial forms, and on account of their late appearance in the strata of the earth, the Podophthalmata having been met with as early as the carboniferous, the Hedriophthalmata not till the Jurassic period.

Descriptions are given of several well-known species, with interesting remarks upon them; the “calceolus” on the antennæ of *Gammarus pulex* is figured and discussed.

1874. BUCHHOLZ, RUDOLF, died April 17, 1876 (Taschenberg).

Die zweite Deutsche Nordpolarfahrt in den Jahren 1869 und 1870 unter Führung des Kapitän Karl Koldewey. Zweiter Band. Wissenschaftliche Ergebnisse. Zoologie. Leipzig, 1874. pp. 262–270, 294–388—Pls. I.–XV.

This report opens with some occasional remarks on the appendages of the antennæ, the eyes, comparative measurements, and classification of Amphipoda.

Valuable remarks are made on the Lysianassidæ, with the species *Anonyx lagena*, Kr., properly *Anonyx nugax*, Phipps; *Anonyx littoralis*, Kr.; *Anonyx plautus*, Kr., for this and the preceding species the genus *Anonyx* being adopted in preference to *Onesimus*, Boeck; the Syrrhoinæ, species *Syrrhoë crenulata*, Goës; the Pardaliscinæ, species *Pardaliscu cuspidata*, Kr., which, as well as most of the following, is fully described and strikingly figured; the Leucothoinæ, species *Eusirus cuspidatus*, Kr., *Amphithonotus aculeatus*, Lepechin, identified with *Tritropis helleri*, Boeck, as well as his *Tritropis aculeata*; *Tritropis* (now *Rhachotropis*)