

- "Pedes primi non cheliformes nec subcheliformes, articulo styliformi confecti; secundi sæpe subcheliformes, manu sive parvulâ et debili sive nullâ. Antennæ superiores basi inferiorum breviores. *Talitrus* (Latreille).
- "2. *Talitro* pedes primos antennisque similis. Pedes *maris* secundi valde subcheliformes, manu grandi. *Talitronus* (Dana).
- "3. Pedes primi secundique plus minusve subcheliformes. Antennæ superiores basi inferiorum breviores. Maxillipedes apicem obtusi. *Orchestia* (Leach).
- "4. Pedes primi secundique plus minusve subcheliformes. Antennæ superiores breviores, basi inferiorum longiores. Maxillipedes apicem unguiculati. *Allorchestes* (Dana)."

1850. DE HAAN, WILLEM, born February 7, 1801, died April 15, 1855 (Hagen).

Fauna Japonica, auctore Ph. Fr. de Siebold. Crustacea elaborante W. de Haan. C. tab. Lith. LXV. Lugd-Bat. 1850.

During the publication of this fine work M. de Haan was stricken down with a grievous illness which confined him to his bed for years, but did not prevent his courageously completing the publication (Herklotz).

The only Amphipod dealt with is "*Caprella Kröyeri*," of which the author only had a dried specimen to describe, hence, Mayer says, in spite of the good figure, it cannot be determined with certainty, though he believes it to be synonymous with *Caprella æquilibra*, Say.

1850. HOSIUS, A.

Ueber die Gammarus-Arten der Gegend von Bonn. Von Dr. A. Hosius. (Hiezu Taf. III. und IV.). Archiv für Naturgeschichte. Sechszehnter Jahrgang. Erster Band. Berlin, 1850. pp. 233-248.

He complains that Gervais and Milne-Edwards, in attempting to distinguish *Gammarus fluviatilis* vel *röselii* from *Gammarus pulex*, disagree with one another, though both dealing with specimens from the neighbourhood of Paris. He assigns *Gammarus pulex* to Degeer and *Gammarus fluviatilis* to Rösel, but as he has never met with this latter species in rivers, he thinks that the name *Gammarus röselii* given it by Gervais ought to stand. He enters into a detailed comparison between these two species and the blind *Gammarus puteanus* of Koch. In regard to habitat, Hosius says that *Gammarus puteanus* is confined to wells, that he has only found *Gammarus röselii* in still or weakly flowing deep waters, but *Gammarus pulex* in strongly flowing, shallow, brooks, often only an inch deep. In Milne-Edwards' Manual, he says, we must cross out *Gammarus pulex*, put *Gammarus pulex*, Degeer, in place of *Gammarus fluviatilis*, and lastly insert *Gammarus röselii*, Gervais (or *Gammarus fluviatilis*, Rösel), and *Gammarus puteanus*, Koch.

1850. LILJEBORG, V.

Bidrag till den högnordiska hafsfaunan. Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar. Årg. 7. 1850. No. 3. (Sjunde Årgången. 1850. Stockholm, 1851). pp. 82-88.

In a letter to Hr Lovén, Liljeborg mentions that in Russian Lapland he had observed among other Crustacea, *Gammarus locusta*, Mont., Kröy.; "*Anonyx Edwardsii*, Kröy."; *Caprella*