



A new subgenus of eusirid amphipod (Crustacea: Amphipoda: Eusiridae) from subterranean waters and springs of the Eastern Sikhote-Alin Mountain Ridge, with comments on the morphology of sternal humps, genital papillae and pleopods

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Abstract

A new stygomorphic freshwater subgenus of *Paramoera* Miers, 1875, *Ganigamoera* **subgen. nov.**, is described and compared with the four North Pacific subgenera and with allied Far Eastern representatives. The classification of *Ganigamoera* **subgen. nov.** is based on two closely-related species: *Paramoera* (*G.*) *myslenkovi* **sp. nov.**, from subterranean fresh waters of the Kievka River basin, and *Paramoera* (*G.*) *tiunovi* **sp. nov.**, from a spring in the Solontsovaya River basin. The new species are identified by the presence of sternal humps, male genital papillae and modified pleopods 1–3. The second pleopod of males is sexually dimorphic. The affinity of the new species for their congeners is discussed, emphasizing morphological and biogeographical relationships.

Key words: Amphipoda, *Paramoera*, *Ganigamoera*, taxonomy, subterranean waters, North Pacific