

Taxonomic status and geographical range of some recently revised complex-species of Coleoptera in Norway

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The Norwegian material on ten pairs of closely related species of Coleoptera is revised based on museum and private collections. The following six species are reported for the first time from Norway: *Rybaxis laminata* (Motschulsky, 1836) as distinguished from *R. longicornis* (Leach, 1817), *Philonthus micanthoides* Benick & Lohse, 1956 as distinguished from *P. micans* (Gravenhorst, 1802), *Tachyporus dispar* (Paykull, 1789) as distinguished from *T. chrysomelinus* (Linnaeus, 1758), *Sphaeridium marginatum* Fabricius, 1787 as distinguished from *S. bipunctatus* Fabricius, 1781, *Negastrius arenicola* (Boheman, 1853) as distinguished from *N. pulchellus* (Linnaeus, 1761), and *Rhynchaenus pseudostigma* (Tempere, 1982) as distinguished from *R. stigma* (Germar, 1821). The Norwegian material formerly determined as *Ebaeus pedicularius* (Linnaeus, 1758) and *Onthophagus ovatus* (Linnaeus, 1767) was also revised. These specimens actually belong to *Ebaeus lapplandicus* Evers, 1993 and *Onthophagus joannae* Goljan, 1953, respectively. The Norwegian material of the species pairs *Ochthebius minimus* Fabricius, 1792 / *O. alpinus* (Ienistea, 1979) and *Rhynchaenus calceatus* (Germar 1821) / *R. testaceus* (Müller, 1776) are distinguished. Taxonomic status, distribution maps and current records in Norway are presented for each species.

Keywords: Coleoptera, sibling species, geographical range, new species in Norway.

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