

Caddisflies (Trichoptera) from Finnmark, northern Norway

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Records of 108 species of Trichoptera from Finnmark, northern Norway, are presented based partly on material collected in 2010 and partly on older material housed in the entomological collection at the University Museum of Bergen. *Rhyacophila obliterated* McLachlan, 1863, must be regarded as new to Norway and *Rhyacophila fasciata* Hagen, 1859; *Glossosoma nylander* McLachlan, 1879; *Agapetus ochripes* Curtis, 1834; *Agraylea cognatella* McLachlan, 1880; *Ithytrichia lamellaris* Eaton, 1873; *Oxyethira falcata* Morton, 1893; *O. sagittifera* Ris, 1897; *Wormaldia subnigra* McLachlan, 1865; *Hydropsyche newae* Kolenati, 1858; *H. saxonica* McLachlan, 1884; *Brachycentrus subnubilis* Curtis, 1834; *Apatania auricula* (Forsslund, 1930); *A. dalecarlica* Forsslund, 1934; *Annitella obscurata* (McLachlan, 1876); *Limnephilus decipiens* (Kolenati, 1848); *L. externus* Hagen, 1865; *L. femoratus* (Zetterstedt, 1840); *L. politus* McLachlan, 1865; *L. sparsus* Curtis, 1834; *L. stigma* Curtis, 1834; *L. subnitidus* McLachlan, 1875; *L. vittatus* (Fabricius, 1798); *Phacopteryx brevipennis* (Curtis, 1834); *Halesus tessellatus* (Rambur, 1842); *Stenophylax sequax* (McLachlan, 1875); *Beraea pullata* (Curtis, 1834); *Beraeodes minutus* (Linnaeus, 1761); *Athripsodes commutatus* (Rostock, 1874); *Ceraclea fulva* (Rambur, 1842); *C. perplexa* (McLachlan, 1877) and *Mystazides longicornis* (Linnaeus, 1758) are previously not listed for Finnmark. The total number of Trichoptera species known to occur in Finnmark is now 126 of which three belong in Rhyacophilidae, three in Glossosomatidae, 10 in Hydroptilidae, two in Philopotamidae, two in Psychomyiidae, nine in Polycentropodidae, five in Hydropsychidae, one in Arctopsychidae, nine in Phryganeidae, three in Brachycentridae, one in Lepidostomatidae, 57 in Limnephilidae, one in Goeridae, two in Beraeidae, one in Sericostomatidae, three in Molannidae and 14 in Leptoceridae. Four of the species, *Oxyethira falcata*, *Asynarchus thedenii*, *Limnephilus diphyes* and *Ceraclea perplexa* are listed in the 2010 Norwegian Red List for Species.

Key words: Trichoptera, *Rhyacophila obliterated*, distribution, Finnmark, Norway.

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Introduction

The Trichoptera fauna in northern Norway has long attracted interest (see e.g. McLachlan 1899; Esben-Pedersen 1902, 1910; Siltalai 1908; Forsslund 1932). In his checklist of the Norwegian Caddisflies, Brekke (1946) listed 52 species from Finnmark. Later Solem (1970) recorded the Trichoptera species collected during the Zoological Museum, Oslo's expedition to Pasvik

in Sør-Varanger in 1967 (see Lillehammer 1967) and Tobias (1976a, 1976b, 1981), Tobias & Tobias (1971, 1976) and Mey (1987) have added species to the Trichoptera fauna in Finnmark. The River Altaelva has been closely monitored in connection with the construction of the hydroelectric power plant in the 1980's and several reports have been published, some of them also listing a few Trichoptera species (e.g. Bergersen 1987, 1992, Ugedal *et al.* 2003). Walseng & Huru