

Pionini species (Hymenoptera, Ichneumonidae, Ctenopelmatinae) new to Finland

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The Pionini species (Ichneumonidae, Ctenopelmatinae) *Lethades cingulator* Hinz, *L. curvispina* (Thomson), *Trematopygus helleni* Hinz, *T. rufator* Hinz, *Rhorus chrysopygus* (Roman) and *Rh. lapponicus* (Roman) have been reported from Finland.

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Lethades cingulator Hinz, 1976

Lethades cingulator Hinz 1976: 101, ♀; 1996: 273, ♂♀.

1 ♀ has been found in V: Sauvo, Karuna 669:25 15.VI.1969 (R. Jussila leg.). This species has earlier been found in Poland, Germany, Austria, Scotland, Ireland, Turkey and Korea (Hinz 1996).

Lethades cingulator differs from the other Finnish *Lethades* species having rather dense puncture on the smooth and lustrous mesopleurons, distinct costulae of the propodeum, a yellowish clypeus and a black metasoma (Hinz 1976).

Lethades curvispina (Thomson, 1883)

Trematopygus curvispina Thomson 1883: 930, ♀; Brischke 1878: 91, ♂♀.

Lethades curvispina, Aubert 1984: 56.

1 ♂ and 5 ♀♀ have been found in V: Sauvo, Karuna 669:25 1962–69 (18.V.–5.VI.) and 1 ♀ in Turku, Ruissalo 671:23 25.V.1976 (R. Jussila leg.), and 1 ♀ in Lohja 12.V.1959 (T. Kontuniemi leg.), 1 ♀ in EH: Forssa 5.VI.1965 (E. Nylund leg.), 1 ♀ in

EP: Vaasa 700:22 2.VI.1956 (Jussila leg.), 1 ♀ in Ks: Kuusamo 735:58 2.VII.1998 (Jussila leg.), and 1 ♀ in InL: Utsjoki, Kevo 774:50 3–9.VII.1981 (S. Koponen & E. T. Linnaluoto leg.). *Lethades curvispina* has earlier been found from North Europe to Scotland, the Netherlands, the Alps and Russia up to Kamchatka (Hinz 1996).

Lethades curvispina most resembles *L. scabriculus* (Thomson, 1883) but its flagellae consist of 27–28 rather long and thin segments (*scabriculus* has 23–25 still more thinner segments) and its 1st tergite is 1.1–1.3× longer than broad (in *scabriculus* the ratio is 1:1).

Trematopygus helleni Hinz, 1982

Trematopygus helleni Hinz 1982: 25, ♂♀.

1 ♀ has been found in KiL: Kolari, Äkäslompola 750:37 1.VII.1997 (R. Jussila leg.), and 1 ♀ in InL: Utsjoki, Kevo 13.VII.1959 (Jussila leg.). This species has earlier been recorded only from Swedish Lapland and Russia, PsL: Petsamo (Hinz 1982).

In *Trematopygus helleni* the mesopleurons are lustrous but densely punctured; the clypeus is orange and the tegulae whitish (Hinz 1982).

Trematopygus rufator* Hinz, 1985**Trematopygus rufator* Hinz 1985: 272, ♀.**

1 ♀ has been found in InL: Utsjoki, Kevo 30.VI.1956 (R. Jussila leg.). The species has also been recorded from Swedish Lapland, England and Germany (Hinz 1985).

From the Finnish species *Trematopygus rufator* most resembles *T. vellicans* (Gravenhorst, 1829) but its 1st tergite has no dorsal longitudinal carinae. It differs from *T. helleni* by its rough mesopleurons, black clypeus and dark tegulae (Hinz 1985).

Rhorus lapponicus* (Roman, 1909)**Monoblastus lapponicus* Roman 1909: 288, ♂♀.
Rhorus lapponicus, Hellén 1937: 125.**

15 ♂♂ and 13 ♀♀ have been found in EnL: Enontekiö 1905 (U. Saalas leg.), Malla (R. Frey leg.), and Kilpisjärvi 6.VII.1962, 5–11.VII.1964 and 7–15.VII.1966 (V. Karvonen leg.). This species has earlier been found in Swedish and Russian Lapland, Ks: Salla (Roman 1909, Hellén 1937, Krogerus 1938), Czechoslovakia and United Kingdom (Yu 1999).

Rhorus lapponicus resembles *Rh. substitutor* (Thunberg, 1822) but its 1st tergite is distinctly (generally about 1.5×) longer than its apical breadth, and the 1st and 2nd tergites lustrous (Aubert 1988).

Rhorus chrysopygus* (Roman, 1909)**Monoblastus lapponicus* var. *chrysopyga* Roman 1909: 290, ♀.*****Rhorus chrysopyga*, Aubert 1988: 4, ♂♀.**

118 ♂♂ and 134 ♀♀ have been reared from *Dineura pullior* Schmidt & Walter (Hym., Tenthredinidae) (Schmidt & Walter 1995) in InL: Utsjoki, Jesnnaalvárri 766:49 22.VII.–25.VIII.1976 (L. Iso-Iivari leg.). In addition, 1 ♂ has been found in Utsjoki 769:47 8–17.VII.1981 (S. Koponen & E. T. Linnaluoto leg.) and 1 ♂ in Utsjoki, Kevo e.

l. 1985 (S. Hanhimäki leg.). This species has earlier been recorded only from Swedish Lapland, Czechoslovakia and Southern Germany (Aubert 1988 and Yu 1999).

Rhorus chrysopygus greatly resembles *Rh. lapponicus* (Roman, 1909) but its 1st tergite is as long as apically broad and its flagellae are shorter and thicker than they are in *lapponicus*. Its legs are wholly light; in *lapponicus* the coxae and hind femora are basally dark (Roman 1909, Aubert 1988).

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