

## On some Sawflies collected in North Switzerland (Hymenoptera: Symphyta)

by A. D. LISTON

**Zusammenfassung:** *Hartigia xanthostoma* (EVERSMANN) ist zum ersten Mal aus der Schweiz gemeldet. Dazu teilt der Verfasser Fundangaben für drei weitere Blattwespen-Arten mit, die in der Schweiz bisher nur selten nachgewiesen worden sind.

In early 1991 the author received for identification a small sample of Symphyta collected by Mr. G. ARTMANN-GRAF (Olten). Amongst these specimens, now preserved in the collection of Mr. ARTMANN, is a female specimen of *Hartigia xanthostoma* (EVERSMANN), a species not previously recorded in the Swiss fauna. Records of three other species are presented below because they extend our knowledge of the Swiss fauna.

*H. xanthostoma* and *Monoctenus obscuratus* HARTIG are both recorded from Chilpen near Diegten, a nature reserve on the Basel Tafeljura Formation. This Reserve is under protection because of its unusual flora and fauna, which contains many xerotherm species. Neither of these sawflies can be classified as xerotherm in the strictest sense, but both have specialised biotope requirements which have led to a discontinuous distribution of populations inside their ranges.

### Cephidae

*Hartigia xanthostoma* (EVERSMANN, 1847)

1♀ Chilpen bei Diegten BL, 31.5.1990 (G. ARTMANN-GRAF). A new record for Switzerland. This species has a localised occurrence from Northern Europe (Finland, South England) through Central Europe and East to the Ukrain. I know of no records of this species from South of the main Alpine Massifs. Through most of its range, the closely related *H. linearis* (SCHRANK) with larvae in *Agrimonia* is much more often recorded.

*Cephus cultratus* EVERSMANN

1♀ Wyssluikelallmend, Rickenbach SO, 1.6.1990; 1♂ Ruttigen, Olten SO, 26.5.1990 (both G. ARTMANN-GRAF). In Switzerland previously only recorded from Canton Jura (LISTON, 1984).

## Diprionidae

### *Monoctenus obscuratus* HARTIG

1♂ Chilpen bei Diegten BL, 2.5.1989; 1♀ as above, 26.4.1990 (G. ARTMANN-GRAF). A known component of the subalpine-alpine dwarf shrub heath in the Swiss and Austrian Alps. Recorded in Switzerland from Canton Valais, Graubünden and Nidwalden (LISTON and PETER, 1981). The larvae feed on *Juniperus communis* ssp. *nana* in the Alps. In Chilpen (500-560m. above sea level) the lowland Juniper, ssp. *communis*, is abundant. I know of very few recent records of *Monoctenus* (whether *juniperi* (L.) or *obscuratus*) from lowland Central Europe, but this possibly reflects more the endangered status of Juniper rather than a natural discontinuity in the distribution of the sawflies. In any case, *M. obscuratus* is a highly interesting addition to the fauna of North Switzerland.

## Cimbicidae

### *Cimbex femoratus* (L.)

1♂ Ruttigen, Olten SO, 26.5.1990 (G. ARTMANN-GRAF). This large and conspicuous Cimbicid has become rare in most of Central Europe. The only previously published records for Switzerland are from last century (Lenzburg and Locarno: STECK, 1893).

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