

## Additions to the Hoverfly (Diptera, Syrphidae) fauna in Rogaland

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Several hoverfly species new to Rogaland County were recorded in 2009–2010, being *Cheilosia semifasciata* Becker 1894, *C. uviformis* Becker 1894, *Criorhina asilica* (Fallén, 1816), *Platycheirus rosarum* (Fabricius 1787) and *Temnostoma vespiforme* (L., 1758). The article also publishes some interesting records of species that are scarce in Rogaland or in Norway.

Key words: Syrphidae, new records, Rogaland, Norway.

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### Introduction

This article provides an overview of 5 new species to the Hoverfly fauna (Syrphidae) of Rogaland, collected in 2009–2010. The records have not been published previously (cf. Gammelmo & Nielsen, 2008; Nielsen, 1999; Nielsen 2002; Nielsen 2005). In addition, some interesting records of other species are presented. All photographs in this article depict the specimens discussed. Coordinates are given with UTM WGS84-datum – zone 32V.

### Species new to Rogaland

#### *Cheilosia semifasciata* Becker, 1894 (Fig. 1)

**Material.** ROY Sola: Røyneberg, Ytraberget (EIS 7, E03 07737 N65 35088). 13 May 2010, 1♂, leg. A. C. Leendertse, coll. ACL.

**Remarks.** The specimen was found basking on flowering Lesser Celandine *Ranunculus ficaria* L. Its larvae are associated with Crassulaceae plants (Bartsch, 2009b), of which several species can be found on Ytraberget and in nearby gardens.

#### *Cheilosia uviformis* Becker 1894 (Fig. 2)

**Material.** ROY Finnøy: Reilstad, Kvitevik (EIS 14, E03 16361 N65 60561) 1 May 2009. 1♀2♂ leg. A.C. Leendertse, coll. ACL; Finnøy: Reilstad, Kvitevik (EIS 14, E03 16361 N65 60561) 1 June 2009. 1♀ leg. A.C. Leendertse, coll. ACL.

**Remarks.** The specimens were found feeding on Willow catkins (*Salix* spp.) and flowering Dandelion (*Taraxacum* spp.) in a steep moist hill covered with deciduous forest. The species is known from several localities in Hordaland and thus, it is not surprising that the species now is found in Rogaland. Reportedly, the species is associated with Marsh-marigold *Caltha palustris* L. (Bartsch, 2009b) but it wasn't confirmed that this host plant is present at this location.

#### *Criorhina asilica* (Fallén, 1816) (Fig. 3)

**Material.** ROY Sandnes: Dybingen (EIS 7, E03 15906 N65 30152) 6 June 2010, 1♀, leg. A.C. Leendertse, coll. ACL.

**Remarks.** The specimen was collected on flowering Barberry *Berberis vulgaris* L. in an old deciduous forest composed mainly of Oak (*Quercus* spp.) and Aspen (*Populus tremula* L.).