

## A migration of the Hoverfly *Helophilus trivittatus* (Fabricius, 1805) (Diptera, Syrphidae) to SW Norway in 2010

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A migration of the hoverfly species *Helophilus trivittatus* (Fabricius, 1805) was observed in Vest-Agder and Rogaland counties of SW Norway in July–August 2010.

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### Introduction

*Helophilus trivittatus* (Fabricius, 1805) is a rather easily recognisable hoverfly species, due to its large size, the yellow facial stripe and the rather slender abdomen (Fig. 2). It is normally a scarce species, most often met with in single specimens. It is also regarded as a migrating species, giving sudden rise in numbers (Bartsch 2009: 263, Speight 2008: 102, Stubbs & Falk 2002: 297), as reported here from the counties Vest-Agder (EIS 1, 2, 5) and Rogaland (EIS 7), SW Norway (Fig. 1).

An immigration of the drone fly *Eristalis similis* (Fallén, 1817) was published the previous year from the same region (Nielsen 2009).

### Material and methods

There were no observations of the species in

the beginning of July, followed by a series of observations with numerous specimens; VAY, Lindesnes: Jørgenstad and Nydal 16–25 July many *H. trivittatus* on flowering *Potentilla fruticosa* and *Angelica sylvestris*; Hægebostad, Audnedalen 18 July everywhere on the meadows (on *A. sylvestris*, *Filipendula ulmaria* and *Hieracium* sp.); Svennevik 23 July numerous specimens on *A. sylvestris*. Lyngdal: Aunevik 22 July large numbers on *A. sylvestris*. Farsund: Lista, near the lighthouse 24 July, in large numbers on *A. sylvestris* (up to five specimens in one flower). Kristiansand: Randesund, 25 July a few specimens on *A. sylvestris*. RY, Sola: Røyneberg 24 July, 5 individuals on *Astrantia major* in a garden. Klepp: Revtangen, 25 July, appr. 20 individuals on *Crambe maritima* and *Hieracium* sp. and 14 August, thousands of specimens on a field with flowering thistle *Cirsium* sp. (up to 10 specimens on each thistle). Also 2 specimens of *H. hybridus* were collected at the same location that day.