

*Ornithomya biloba* (Dufour, 1827), new to Denmark  
(Diptera: Hippoboscidae)

The bird parasitizing Hippoboscidae are little studied in Denmark although their hosts are under continuous scrutiny from amateurs and professional ornithologists alike. The Danish bird-ringing centre kindly collected specimens of Hippoboscidae during their ringing campaign in August 2001. Flies were manually removed when they were encountered on handled birds. Collecting sites were spread throughout Denmark. Collected flies were immediately transferred to vials containing 96% alcohol, in order to ensure the preservation of genetic information in the specimens. Identifications were made using Hill et al. (1964) and Hutson (1984). Details on the collected material are given in Table 1. All specimens are kept in the collection of Zoological Museum, University of Copenhagen

Of the four species reported, *Ornithomya avicularia* (Linnaeus, 1758), *O. chloropus* Bergroth, 1901 and *O. fringillina* Curtis, 1836 have previously been collected in Denmark (Hill et al. 1964). However, this is the first record of *O. biloba* Dufour, 1827. This species is present in Skåne (Hill et al. 1964) and Germany (Schumann et al., 1999). Furthermore, the main host *Hirundo rustica* is common here and thus the presence in Denmark was to be expected. The distance between the two different localities from which it is reported; Mørkøv near Holbæk and Store Dalby near Horsens, indicates that *O. biloba* is a resident part of the Danish fauna, and is probably quite common.

Identification is unproblematic for *O. biloba*. Both the aforementioned keys can be used successfully. However, I recommend that the key presented in Hill et al. (1964) be used for identifying specimens of this genus. The key in Hutson (1984) has several confusing errors, especially in the couplet distinguishing between *O. fringillina* and *O. chloropus*.

Table 1. Hosts and localities for the specimens collected in August 2001.

<i>Ornithomya avicularia</i>			<i>Ornithomya chloropus</i>		
Sex	Host	Locality	Sex	Host	Locality
♀	<i>Passer domesticus</i>	Store Dalby	2♀	<i>Passer montanus</i>	Kornum
♀	<i>Emberiza citrinella</i>	Store Dalby			
♀	<i>Parus parus</i>	Mørkøv			
♀	<i>Passer montanus</i>	Vetterslev			
<i>Ornithomya biloba</i>			<i>Ornithomya fringillina</i>		
Sex	Host	Locality	Sex	Host	Locality
♀	<i>Hirundo rustica</i>	Store Dalby	2♀	<i>Passer domesticus</i>	Store Dalby
2♂	<i>Hirundo rustica</i>	Store Dalby	♀	<i>Passer domesticus</i>	Store Dalby
♂	<i>Hirundo rustica</i>	Mørkøv	♀	<i>Emberiza citrinella</i>	Kornum
			♀	<i>Phylloscopus inornatus</i>	Holme Olstrup
			♀	<i>Passer montanus</i>	Vipperød
			♂	<i>Passer montanus</i>	Store Dalby
			♀	<i>Carduelis carduelis</i>	Vetterslev
			2♀	<i>Sylvia communis</i>	Kornum
			♀	<i>Emberiza citrinella</i>	Kornum
			♀	<i>Emberiza citrinella</i>	Kornum

Hill, D.S., W. Hackman & L. Lyneborg, 1964. The genus *Ornithomya* (Diptera: Hippoboscidae) in Fennoscandia, Denmark and Iceland. – *Notulae Entomologicae*, **44**: 33-52.

Hutson, A.M., 1984. Keds, Flat-Flies and Bat-Flies. – *Handbooks for the Identification of British Insects*, **10** (7): 1-40.

Schumann, H., R. Bährmann & A. Stark (eds), 1999. Checkliste der Dipteren Deutschlands. Ampyx-Verlag, Saale.

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