

# 1. PaDIL Species Factsheet



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## Scientific Name:

*Drosophila sp.*

(Diptera: Drosophilidae: Drosophilinae: Drosophilini)

## Common Name

Pomace Fly

Live link: <http://www.padil.gov.au/maf-border/Pest/Main/140536>

## Image Library

New Zealand Biosecurity

Live link: <http://www.padil.gov.au/maf-border/>

## Partners for New Zealand Biosecurity image library



Manaaki Whenua  
Landcare Research

Landcare Research — Manaaki Whenua

<http://www.landcareresearch.co.nz/>

**Biosecurity New Zealand**

Tiakitanga Pūtaiao Aotearoa

MPI (Ministry for Primary Industries)

<http://www.biosecurity.govt.nz/>

## 2. Species Information

### 2.1. Details

**Specimen Contact:** MAF Plant Health & Environment Laboratory - PHEL\_Entomology@maf.govt.nz

**Author:** MAF Plant Health & Environment Laboratory

**Citation:** MAF Plant Health & Environment Laboratory (2011) Pomace Fly (*Drosophila sp.*) Updated on 3/23/2014 Available online: PaDIL - <http://www.padil.gov.au>

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### 2.2. URL

Live link: <http://www.padil.gov.au/maf-border/Pest/Main/140536>

### 2.3. Facets

**Groups:** Flies

**Commodity Overview:** Horticulture

**Commodity Type:** Capsicum & Chilli pepper, Taro leaves, Citrus produce, Cucurbitaceous produce, Stored product, Coconut, Garlic & Onions, Ginger, Grapes, Lettuce, Mango, Pineapple, Rosaceous produce, Taro tubers, Tomato, Tamarillo & Egg plant, Fabaceous produce, 1 Other, Paw paw, Yam, Sapindaceous produce

**Status:** NZ - Exotic

**Pest Status:** 0 Unknown

**Distribution:** 0 Unknown

**Host Family:** 0 Unknown

### 2.4. Other Names

*Drosophilid Fly*

*Fruit Fly*

*Idiomyia* Unknown

*Vinegar Fly*

*Wine Fly*

### 2.5. Diagnostic Notes

**\*\*Adult\*\***

Anterior reclinate orbital seta opposite or above proclinate one, distinctly shorter than the other 2 orbital setae; posterior reclinate orbital seta closer to proclinate orbital, than to medial vertical seta; postocellar seta well-developed; antenna not porrect; two or more ventral branches on arista; gena often broad; mesonotum usually with 6 or more rows of acrostichal setulae, and 2 pairs of dorsocentral setae; usually two pairs of postpronotal setae; prescutellar seta absent; sterno index usually 0.5 or more; costa reaching apex of vein M, cells bm and dm confluent; dark posterior bands on abdomen usually narrowed or interrupted in mid-dorsal line (except in subgenus *Sophophora*); posterior Malpighian tubules forming a closed loop around gut, their distal ends sometimes merely adjoined, but usually fused and with a continuous lumen; surstylus with a row of prensisetae; testes long, spiralled; oviscapt valve sclerotised, conspicuous, and with numerous, distinct ovisensilla; ventral receptacle long, fine, usually coiled; usually two to four egg-filaments, at least anterior ones tapering; anterior spiracles often more than 1/6 length of puparium.

## **\*\*References\*\***

- Bächli, G., Vilela, C.R., Escher, S.A. & Saura, A. (2004). \_The Drosophilidae (Diptera) of Fennoscandia and Denmark\_. Fauna Entomologica Scandinavica, v. 39. Leiden, Brill, 362 pp.

## **2.6. References**

- Bächli, G., Vilela, C.R., Escher, S.A. & Saura, A. (2004). \_The Drosophilidae (Diptera) of Fennoscandia and Denmark\_. Fauna Entomologica Scandinavica, v. 39. Leiden, Brill, 362 pp.

### 3. Diagnostic Images



DIP38  
Dorsal - Adult: Caroline Harding MAF



DIP38  
Head Oblique - Adult: Caroline Harding MAF



DIP38  
Lateral - Adult: Caroline Harding MAF



DIP38  
Wing - Adult: Caroline Harding MAF

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