

# 1. PaDIL Species Factsheet



## Scientific Name:

*Rhynchophorus ferrugineus* (Olivier, 1790)  
(Coleoptera: Curculionidae: Rhynchophorinae)

## Common Name

red palm weevil

Live link: <http://www.padil.gov.au:80/pests-and-diseases/Pest/Main/142443>

## Image Library

Australian Biosecurity

Live link: <http://www.padil.gov.au:80/pests-and-diseases/>

## Partners for Australian Biosecurity image library



Museum Victoria  
<http://museumvictoria.com.au/>



CRC National Plant Biosecurity  
<http://www.crcplantbiosecurity.com.au/>



Plant Health Australia  
<http://www.planthealthaustralia.com.au/>



Department of Agriculture, Fisheries and Forestry  
<http://www.daff.gov.au/>



Department of Agriculture and Food, Western Australia  
<http://www.agric.wa.gov.au/>

## 2. Species Information

### 2.1. Details

**Specimen Contact:** Museum Victoria - [discoverycentre@museum.vic.gov.au](mailto:discoverycentre@museum.vic.gov.au)

**Author:** McCaffrey, Sarah & Ken Walker

**Citation:** McCaffrey, Sarah & Ken Walker (2012) red palm weevil (*Rhynchophorus ferrugineus*) Updated on 4/23/2012 Available online: PaDIL - <http://www.padil.gov.au>

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### 2.2. URL

Live link: <http://www.padil.gov.au:80/pests-and-diseases/Pest/Main/142443>

### 2.3. Facets

**Commodity Overview:** Forestry, Horticulture

**Commodity Type:** Timber, Sugarcane

**Distribution:** Australasian - Oceanian, Mediterranean Basin, South and South-East Asia

**Group:** Beetles

**Status:** Exotic species - absent from Australia

### 2.4. Other Names

*Asian palm weevil*

*sago palm weevi*

### 2.5. Diagnostic Notes

Description:

Ferruginous to black, legs paler, elytra shining or dull, slightly pubescent, black spots on pronotum extremely variable. Antennal insertions subbasal, scrobes deep, broad and widely opened ventrally, scape longer than funicle and club combined, equal to half length of rostrum, with funicular segments thick, conical, club large, broadly triangular, usually ferruginous with 8 to 15 setae on inner side of spongy area. Rostrum in males almost four fifths length of pronotum. In females longer, slender, more cylindrical; straight in profile, broad at base, apex not grooved, with dense, erect setae, at least subapically in males only, but not reaching scrobes, dorsal surface variously sculptured, ventrally very finely punctured, ventral space between antennal scrobes strongly narrowing posteriorly, gular suture with elongate-oval shape before narrowing to base. Submentum truncately concave with narrowly elongate, median depression, extending throughout its length. Mandibles tridentate distally, all teeth sharply pointed, apical and subapical teeth widely separated. Frons narrower than rostrum at base. Pronotum abruptly constricted anterolaterally, posterior margin broadly rounded. Scutellum one-quarter to one fifth elytral length, somewhat pointed posteriorly. Elytra smooth or with slight velvety pubescence, punctures along outer edges, with five deep striae and traces of four laterally. Procoxae strongly globose, widely separated, mesocoxae covered with soft, reddish-brown setae, pro- and mesofemora not strongly curved ventrally, with setae on ventral side of profemora in males only, tarsi pseudotetramerous, first segment twice as long as second, third with broad, median patch and lateral row of reddish-brown setae, fifth segment as long as first four combined, with nine to twelve setae ventrally. First abdominal sternite as long as third and fourth combined, but much shorter than second, sparsely punctures medially, strongly punctures laterally, fifth segment strongly punctured dorsolaterally, pygidium sparsely and minutely punctured posteriorly

and dorsolaterally.

Source: Booth RG, Cox ML, Madge RB, 1990. IIE guides to insects of importance to man. 3. Coleoptera. Wallingford, UK: CAB International.

### 3. Diagnostic Images



San Jose, Leyte, P. I., 18 January 1945,  
Col. & pres. by Eugene Ray  
**Antenna Image:** Clare McLellan Museum  
Victoria



San Jose, Leyte, P. I., 18 January 1945,  
Col. & pres. by Eugene Ray  
**Dorsal Image:** Sarah McCaffrey Museum  
Victoria



San Jose, Leyte, P. I., 18 January 1945,  
Col. & pres. by Eugene Ray  
**Elytra Image:** Sarah McCaffrey Museum  
Victoria



San Jose, Leyte, P. I., 18 January 1945,  
Col. & pres. by Eugene Ray  
**Head Front Image:** Sarah McCaffrey  
Museum Victoria



San Jose, Leyte, P. I., 18 January 1945,  
Col. & pres. by Eugene Ray  
**Head Side Image:** Sarah McCaffrey  
Museum Victoria



San Jose, Leyte, P. I., 18 January 1945,  
Col. & pres. by Eugene Ray  
**Lateral Image:** Sarah McCaffrey Museum  
Victoria



San Jose, Leyte, P. I., 18 January 1945,  
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**Posterior Image:** Sarah McCaffrey Museum  
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San Jose, Leyte, P. I., 18 January 1945,  
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**Pronotum Image:** Sarah McCaffrey Museum  
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San Jose, Leyte, P. I., 18 January 1945,  
Col. & pres. by Eugene Ray  
**Thorax Side Image:** Sarah McCaffrey  
Museum Victoria



San Jose, Leyte, P. I., 18 January 1945,  
Col. & pres. by Eugene Ray  
**Ventral Image:** Sarah McCaffrey Museum  
Victoria

## Results Generated:

Tuesday, April 7, 2020

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