Scientific Name:
Varroa jacobsoni Oudemans
(Arachnida: Acari: Varroidae)

Common Name
Varroa Mite
Live link: http://www.padil.gov.au:80/thai-bio/Pest/Main/140452

Image Library
Thailand Biosecurity

Partners for Thailand Biosecurity image library
Department of Agriculture, Thailand
http://www.doa.go.th/
2. Species Information

2.1. Details

Specimen Contact: Museum Victoria - discoverycentre@museum.vic.gov.au

Author: Walaikorn Rattanadechakul


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2.2. URL

Live link: http://www.padil.gov.au:80/thai-bio/Pest/Main/140452

2.3. Facets

Host Type: Bees

D1 - Country: USA and Canada, Central and South America, Europe and Northern Asia, Mediterranean Basin, Africa, South and South-East Asia

D2 - Province: Unknown

Group Overview: Pest

Group Type: Mites

Host Overview: Animal

Risk: Unknown

Status: Uncertain Status

2.4. Other Names

honey bee paraesite

2.5. Diagnostic Notes

Adult female mites are brown to dark brown, shaped like a crab.

Body measurements can be used to distinguish V. jacobsoni and V. destructor.

<table>
<thead>
<tr>
<th></th>
<th>Body Length</th>
<th>Body width</th>
</tr>
</thead>
<tbody>
<tr>
<td>V. jacobsoni</td>
<td>1.06mm</td>
<td>1.50mm</td>
</tr>
<tr>
<td>V. destructor</td>
<td>1.16mm</td>
<td>1.70mm</td>
</tr>
</tbody>
</table>

Source: Zhi-Qiang Zhang (2000) see references and weblinks

Their curved bodies fit into abdominal folds of the adult bee and are held there by the shape and arrangement of ventral setae. This protects them from the bee's normal cleaning habits. Adult males are yellowish with lightly tanned legs and spherical body shape. The male chelicerae are modified for transferring sperm. The protonymph and deutonymph stages were described by Delfinado-Baker (1984).

Source:
M.T. Sanford, University of Florida; H.A. Denmark, Florida Department of Agriculture and Consumer Services (FDACS), Division of Plant Industry; H.L. Cromroy, University of Florida; and L. Cutts, FDACS, Division of Plant Industry.

http://creatures.ifas.ufl.edu/misc/bees/varroa_mite.htm
2.6. References

http://www.nhm.ac.uk/hosted_sites/scarology/ssaas/saasp/pdf10/saasp05b.pdf
3. Diagnostic Images

Collected on Apis cerana
**Dorsal:** Ken Walker Museum Victoria
**Mouthpart:** Ken Walker Museum Victoria
**Ventral:** Ken Walker Museum Victoria
Results Generated:
Tuesday, November 19, 2019