1. PaDIL Species Factsheet

Scientific Name:

Anoplolepis gracilipes (Smith)
(Hymenoptera: Formicidae: Formicinae)

Common Name

Yellow crazy ant
Live link: http://www.padil.gov.au:80/thai-bio/Pest/Main/140441

Image Library

Thailand Biosecurity
Live link: http://www.padil.gov.au:80/thai-bio/

Partners for Thailand Biosecurity image library

Department of Agriculture, Thailand
http://www.doa.go.th/

2. Species Information

2.1. Details

Specimen Contact: AQIS Brisbane - http://www.aqis.gov.au
Author: Walker, K.
Citation: Walker, K. (2011) Yellow crazy ant *(Anoplolepis gracilipes)*Updated on 2/2/2011 Available online: PaDIL - http://www.padil.gov.au

2.2. URL

Live link: http://www.padil.gov.au:80/thai-bio/Pest/Main/140441

2.3. Facets

D1 - Country: Thailand, Laos, Malaysia, India, Australasia - Oceania, South and South-East Asia
D2 - Province: Nakhon Pathom, Bangkok, Chiang Mai, Chanthaburi, Prachin Buri, Nakhon Phanom, Chumphon, Chon Buri, Nakhon Ratchasima
Group Overview: Pest
Group Type: Ants
Host Overview: Horticulture, Field Crops, Vegetable, General
Host Type: Unknown
Risk: Low
Status: Exotic Pest Establishment in Thailand

2.4. Other Names

Anoplolepis longipes Emery
Crazy Ant
Formica longipes Jerdon
Long-legged ant (English)
Plagiolepis longipes Emery
tramp ant

2.5. Diagnostic Notes

Total length of workers around 4 mm. Body color yellow, gaster brownish. Antennae and legs remarkably long. Head oval. Clypeus produced medially, with convex anterior margin. Eyes relatively large and produced. Mandibles with 8 teeth. Antennae 11-segmented; scapes twice as long as the length of the head, or longer; their second to terminal segments each more than three times as long as wide. Mesosoma slender. Pronotum narrow, with almost straight dorsum in profile. Anterior portion of mesonotal dorsum, back to the propodeum, gently concave in profile. Propodeal dorsum convex in profile. Petiole thick, with an inverted-U-shaped crest. Erect hairs present on head and gaster, lacking on dorsum of mesosoma.
A. gracilipes, or the yellow crazy ant, is one of the largest invasive ants. This species, also known as the long-legged ant, is notable for its remarkably long legs and antennae. It has a yellow-brownish body colour, and is weakly sclerotized. Workers have a long slender gracile body, with the gaster is usually darker than the head and thorax. It may subdue or kill invertebrate prey or small vertebrates by spraying formic acid.
Live video

2.6. References

Green, P. T., O'Dowd, D. J. and Lake, P. S. 1999. Alien ant invasion and ecosystem collapse on Christmas Island, Indian Ocean. Aliens 9: 2-4. Greenslade, P. J. M. 1971. Phenology of three ant species in the Solomon Islands. J. Aust. Entomol. Soc. 10: 241-252. Greenslade, P. J. M. 1972. Comparative ecology of four tropical ant species. Insect. Soc. 19: 195-212. Greenslade, P. J. M. and Greenslade, P. 1977. Some effects of vegetation cover and disturbance on a tropical ant fauna. Insectes Soc. 24: 163-182. Haines, I. H. and Haines, J. B. 1978. Colony structure, seasonality and food requirements of the crazy ant, Anoplolepis longipes (Jerd.), in the Seychelles. Ecol. Entomol. 3: 109-118. O'Dowd, D. J. 1999. Crazy ant attack. Wingspan 9(2): 7. O'Dowd, D. J., Green, P. T. and Lake, P. S. 1999. Status, impact, and recommendations for research and management of exotic invasive ants in Christmas Island National Park. Darwin, Northern Territory, Environment Australia: 50 pp, 8 figures, 2 plates.

2.7. Web Links

Christmas Island Information: http://www.wilderness.org.au/campaigns/marine/christmas_island/ants_ci/
Japanese Ant Image Database: http://ant.edb.miyakyo-u.ac.jp/E/Taxo/F80301.html
NSW occurrence: http://www.agric.nsw.gov.au/reader/releases/crazy-ants.htm
Overview information: http://www.issg.org/database/species/ecology.asp?si=110&fr=1&sts=
QDPI Fact Sheet: http://www.dpi.qld.gov.au/cps/rde/dpi/hs.xsl/4790_8654_ENA_HTML.htm
Townsville 2008 Infestation: http://www.dpi.qld.gov.au/cps/rde/dpi/hs.xsl/30_10886_ENA_HTML.htm

3. Diagnostic Images

Specimen without location label.
Acidpore: Ken Walker Museum Victoria

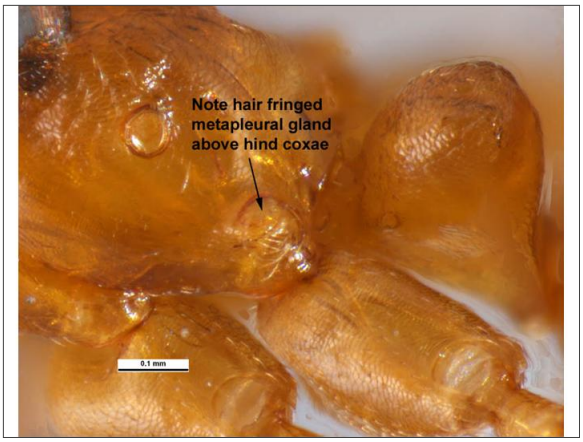
Specimen without location label.
Antenae: Ken Walker Museum Victoria

Specimen without location label.
Dorsal: Ken Walker Museum Victoria

Specimen without location label.
Head close up: Ken Walker Museum Victoria

Specimen without location label.
Head front: Ken Walker Museum Victoria

Specimen without location label.
Lateral view: Ken Walker Museum Victoria

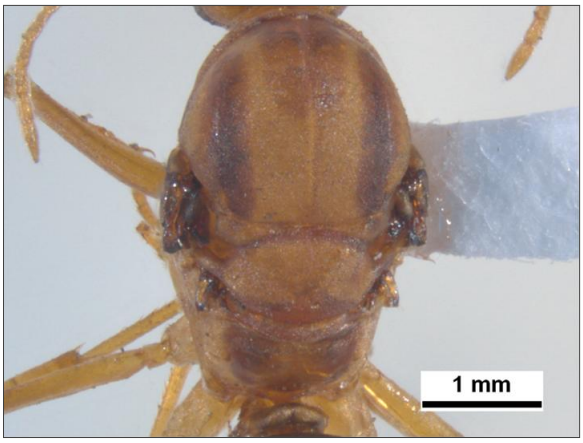


Specimen without location label.
Metapleural gland: Ken Walker Museum Victoria

Specimen without location label.
Posterior view: Ken Walker Museum Victoria

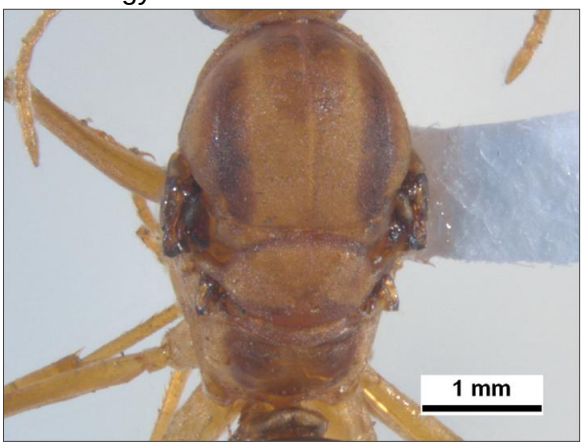
4. Other Images

Cairns, N Qld, Spence St, Ting Sing Bond Store, 23 April 2001, R. Gollan ex nest in Bond Store, Det. J. F. Grimshaw 2001 (NAQS/AQIS Mareeba)
Dorsal View - Queen: Amy Carmichael Queensland University of Technology



Cairns, N Qld, Spence St, Ting Sing Bond Store, 23 April 2001, R. Gollan ex nest in Bond Store, Det. J. F. Grimshaw 2001 (NAQS/AQIS Mareeba)
Head Anterior View - Queen: Amy Carmichael Queensland University of Technology

Cairns, N Qld, Spence St, Ting Sing Bond Store, 23 April 2001, R. Gollan ex nest in Bond Store, Det. J. F. Grimshaw 2001 (NAQS/AQIS Mareeba)
Lateral View - Queen: Amy Carmichael Queensland University of Technology



Cairns, N Qld, Spence St, Ting Sing Bond Store, 23 April 2001, R. Gollan ex nest in Bond Store, Det. J. F. Grimshaw 2001 (NAQS/AQIS Mareeba)
Thorax Dorsal View: Amy Carmichael Queensland University of Technology

Results Generated:

Thursday, June 20, 2019