



## Pacific Pests, Pathogens & Weeds - Mini Fact Sheet Edition

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### Green weaver ant (386)

Relates to: **Biocontrol**



Photo 1. Major worker, green weaver ant, *Oecophylla smaragdina*.



Photo 2. Nest from leaves held together by larval silk, green weaver ant, *Oecophylla smaragdina*.



Photo 3. Nest from leaves held together by larval silk, green weaver ant, *Oecophylla smaragdina*.



Photo 4. Green weaver ant, *Oecophylla smaragdina*, pulling leaves together and fastening with larval silk.

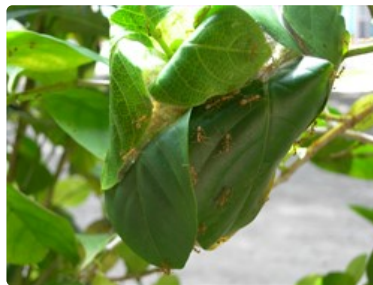


Photo 5. Green weaver ant, *Oecophylla smaragdina*, making a nest from leaves of *ofenga*, *Pseuderanthemum* species (Solomon Islands).

### Summary

- Restricted distribution. In Oceania, Australia, Papua New Guinea, and Solomon Islands. Prey includes sap-sucking bug, beetles, caterpillars, thrips, fruit flies on many crops of economic importance; tends aphids, mealybugs and scales for honeydew. Do not sting, but bite and spray formic acid. Move quickly and defend nests when distributed.
- Adults, yellow to reddish brown, build nests (usually in groups up to half million ants) in trees fastening leaves together. Queen in one nest, but eggs distributed to others. Workers are major (forage, defend) and minor (care for brood, collect honeydew).
- Biosecurity: A generalist, requiring an import risk analysis before considering importing this invasive ant.

- Management: in Vietnam farmers use ants in citrus, providing canes between trees to assist foraging; reports of good pest control in cashew, mango, and plantation trees (Australia), oranges (Africa). Control of pests of coconuts and cocoa (Papua New Guinea and Solomon Islands) less successful due to competition from other ants.

## Common Name

Green weaver ant. It is also known as the green tree ant.

## Scientific Name

*Oecophylla smaragdina*

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Information from Antweb (<https://www.antweb.org/description.do?genus=Oecophylla&species=smaragdina&rank=species>); and Weaver ant. Wikipedia. ([https://en.wikipedia.org/wiki/Weaver\\_ant](https://en.wikipedia.org/wiki/Weaver_ant)); and Repelling fruit flies by weaver ants in oranges. Plantwise Factsheet for Farmers. Plantwise Knowledge Bank. (<https://www.plantwise.org/KnowledgeBank/FactsheetForFarmers.aspx?pan=20157800369>); and from Peng R, Christian K (2007). The effect of the weaver ant, *Oecophylla smaragdina* (Hymenoptera: Formicidae), on the mango seed weevil, *Stemochetus mangiferæ* (Coleoptera: Curculionidae), in mango orchards in the Northern Territory of Australia. *International Journal of Pest Management*, 53(1), 15-24. Photo 1 Muhammad Mahdi Karim Red weaver ant, *Oecophylla smaragdina* in Bagalore, India. ([https://en.wikipedia.org/wiki/Weaver\\_ant#/media/File:Red\\_Weaver\\_Ant,\\_Oecophylla\\_smaragdina.jpg](https://en.wikipedia.org/wiki/Weaver_ant#/media/File:Red_Weaver_Ant,_Oecophylla_smaragdina.jpg)). Photos 2&3 Howard Ensign Evans, Colorado State University, Bugwood.org. Photo 4 Basile Morin Nest of *Oecophylla smaragdina* (weaver ants), made of green leaves welded together. ([https://commons.wikimedia.org/wiki/File:Nest\\_of\\_oecophylla\\_smaragdina\\_\(weaver\\_ants\).jpg](https://commons.wikimedia.org/wiki/File:Nest_of_oecophylla_smaragdina_(weaver_ants).jpg)).

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This mini fact sheet is a part of the app *Pacific Pests, Pathogens & Weeds*

The mobile application is available from the Google Play Store and Apple iTunes.

