



**Australian Government**  
**Department of the Environment**

# What's In A Name?

## Key partnership projects of the ABRS and ALA

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# What is ABRS, and what does it do?

- Provides support & facilitates taxonomic research in Australia
  - Documenting biodiversity
  - Supporting taxonomic and systematic works
  - Capacity-building
- Research grants & other funding
- Production of resources



Australian Government  
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Australian  
Biological  
Resources  
Study

# How does ABRS work with ALA?

- Partnership in names
- Names come from ABRS
- Support for work comes from ALA
- New activities and collaborations

# Australian Faunal Directory

- <http://www.environment.gov.au/biodiversity/abrs/online-resources/fauna/afd/index.html>
- AFD is an authoritative taxonomic database of Australian faunal names and other taxonomic information
- Can provide info on names, type data, references, distributions, ecological info, bio-codes

Home → Australia's species → *Catopsilia pomona*

# *Catopsilia pomona* (Fabricius, 1775)

[Record a sighting](#)[Alerts](#) 

## Lemon Migrant

### Name source

[Australian Faunal Directory](#)

### Rank

Species

### Data links

[LSID](#)[JSON / WMS / RDF](#)

### Species presence



Recorded In Australia

[Overview](#)[Gallery](#)[Names](#)[Classification](#)[Records](#)[Literature](#)[Sequences](#)

## Names and sources

### Accepted name

*Catopsilia pomona*

### Source

- [Australian Faunal Directory](#)

## Common Names

### Common name

Lemon Migrant

### Source

- [OZ Animals](#)
- [OZ Animals](#)
- [Australian Insect Common Names](#)

*Catopsilia pomona* (Fabricius, 1775)

*Papilio pomona* Fabricius, 1775

*Papilio crocale* Cramer, 1775

*Papilio jugurtha* Cramer, 1777

*Papilio nigropunctatus* Goeze, 1779

*Papilio catilla* Cramer, 1779

*Papilio hilaria* Stoll, 1781

*Papilio lalage* Herbst, 1792

*Papilio alcmeone* Fabricius, 1793

*Papilio titania* Fabricius, 1798

*Colias jugurthina* Godart, 1819

*Callidryas endeer* Boisduval, 1832

*Callidryas phlegheus* Wallace, 1867

*Callidryas flava* Butler, 1869

*Catopsilia heera* Swinhoe, 1885

*Catopsilia crocale flavescens* Fruhstorfer, 1910

*Catopsilia crocale latilimbata* Fruhstorfer, 1910

*Catopsilia crocale celebica* Fruhstorfer, 1910

*Catopsilia crocale ostentata* Fruhstorfer, 1910

*Catopsilia pomona siscia* Fruhstorfer, 1910

*Catopsilia pomona bidotata* Fruhstorfer, 1910

*Catopsilia crocale micromalayana* Fruhstorfer, 1910

*Catopsilia crocale rivalis* Fruhstorfer, 1910

*Catopsilia crocale crocalina* Fruhstorfer, 1910

*Catopsilia pomona citronella* Fruhstorfer, 1910

*Catopsilia pomona nivescens* Fruhstorfer, 1910

*Catopsilia pomona perspicua* Fruhstorfer, 1910

*Catopsilia pomona serrata* Fruhstorfer, 1910

*Catopsilia pomona aserrata* Fruhstorfer, 1910

*Catopsilia crocale dionysiades* Fruhstorfer, 1911

*Catopsilia pomona pura* Lindner, 1924

*Catopsilia pomona formosana* Sonan, 1930

*Catopsilia florella ornata* Dufrane, 1947



*Catopsilia pomona* (Fabricius, 1775)  
(Lepidoptera: Pieridae)  
Lemon migrant

**Papilio pomona** Fabricius, J.C. 1775. *Systema Entomologiae, sistens Insectorum Classes, Ordines, Genera, Species, adiectis Synonymis, Locis, Descriptionibus, Observationibus*. Flensburgi et Lipsiae [= Flensburg & Leipzig] : Kortii xxxii 832 pp. [Date published 17 April] [479] [Melville, R.V. & Smith, J.D.D. (eds) 1987. *Official Lists and Indexes of Names and Works in Zoology*. London : International Trust for Zoological Nomenclature 366 pp. [314] gave the date of publication of Fabricius' book as 17 April 1775; the name is therefore senior to *crocale* Cramer; Parsons, M.J. 1998. *The Butterflies of Papua New Guinea; their systematics and biology*. San Diego : Academic Press 736 pp. [276] treated these names as if they had been published simultaneously; Edwards, Newland & Regan (2001) state that Parsons was in error treating names as if published simultaneously].

**Type data:** Lectotype BMNH ♀, Cooktown, QLD (as nova Hollandia in original description).

Paralectotype(s) BMNH ♀

Comment: Fabricius in the original description did not indicate the number of specimens described; Zimsen, E. 1964. *The Type Material of I.C. Fabricius*. Copenhagen : Munksgaard 656 pp. [513] (indicated that there were two females in the Banks collection); Waterhouse, G.A. 1936. [unpublished personal manuscript of observations made at the BMNH (Papilionidae, Pieridae, Danainae)]. Photocopy located at ANIC, Canberra, ACT. 29 pp. [23] (nature of type specimens).

**Type locality references:**

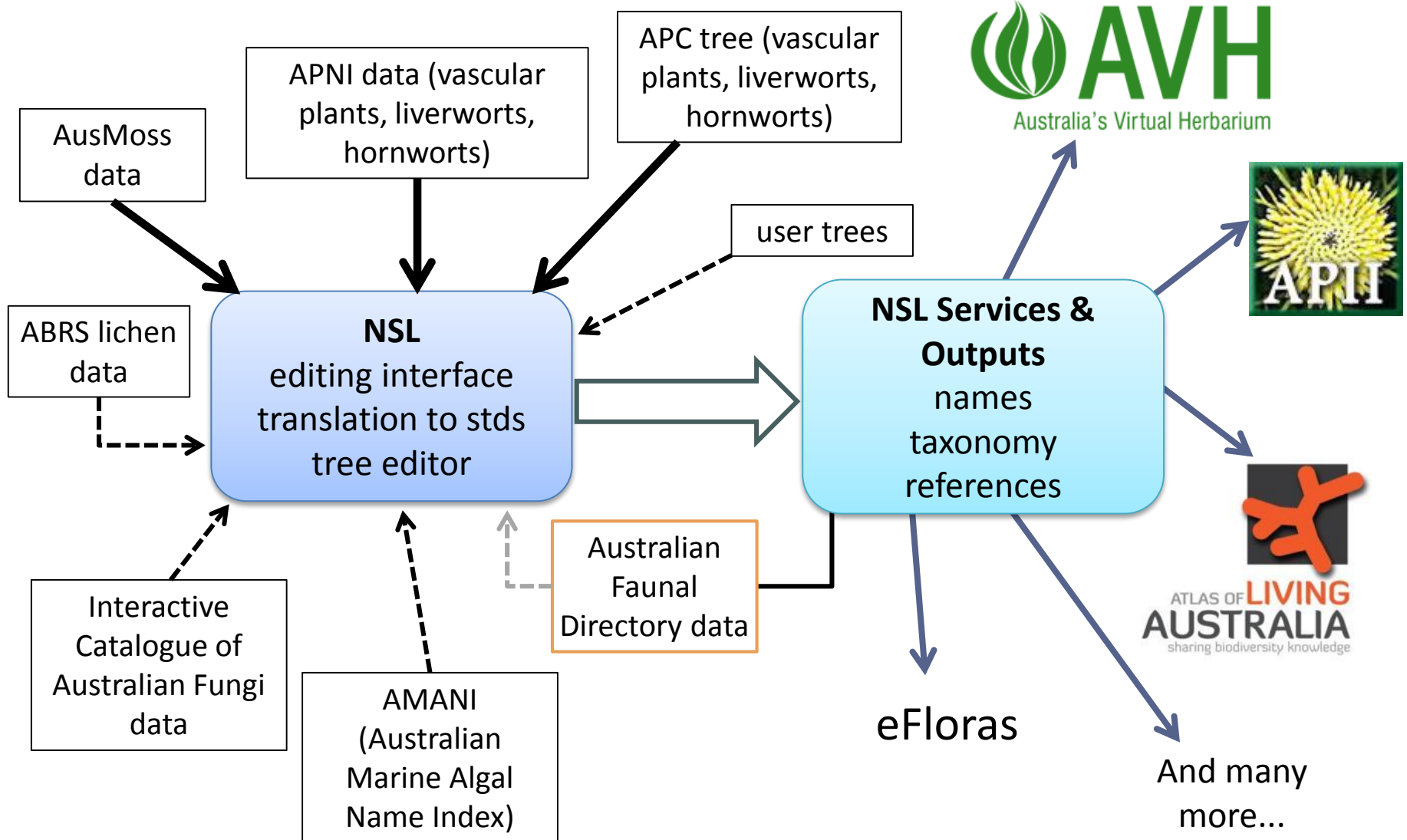
Watkins, H.T.G. 1923. Notes on the butterflies of the Banks Collection. *The Entomologist* **56**: 204-209 [205] (gave the type locality as Cooktown, QLD); Waterhouse, G.A. 1936. [unpublished personal manuscript of observations made at the BMNH (Papilionidae, Pieridae, Danainae)]. Photocopy located at ANIC, Canberra, ACT. 29 pp.; Waterhouse, G.A. 1938. Notes on Jones' Icones (Lepidoptera). With footnotes and appendix by Sir Edward B. Poulton. *Proceedings of the Royal Entomological Society of London A* **13**(1-3): 9-17 [10] (considered that the type locality was Endeavour River, Cooktown, QLD); Zimsen, E. 1964. *The Type Material of I.C. Fabricius*. Copenhagen : Munksgaard 656 pp.; Yata, O. 1985. Part 1 : Pieridae. pp. 206-438 in Tsukada, E. (ed.). *Butterflies of the South East Asian Islands. II*. Japan : Plapac 1-623 pls 1-162. [262] (incorrectly gave the type locality as India); Edwards, E.D. 1996. Pieridae. pp. 240-242, 358-359 in Nielsen, E.S., Edwards, E.D. & Rangsi, T.V. (eds). *Checklist of the Lepidoptera of Australia. Monographs on Australian Lepidoptera*. Collingwood : CSIRO Publishing Vol. 4 xiv 529 pp. & CD-ROM. [358] (was misled by Yata's type locality and incorrectly indicated that Australian specimens, if a subspecific name were appropriate, would belong to *endeer* Boisduval).

**Papilio crocale** Cramer, P. 1775. *Uitlandsche Kapellen. [Dutch title] or Papillons exotiques des trois parties du monde l'Asie, l'Afrique et l'Amérique. [French title]*. Amsterdam Baalde and Utrecht : Wild Vol. 1(1-7) 1-132 pls 1-84. [issued 1775, dated 1775-1790] [87 pl. 55 figs C, D] [Melville, R.V. & Smith, J.D.D. (eds) 1987. *Official Lists and Indexes of Names and Works in Zoology*. London : International Trust for Zoological Nomenclature 366 pp. [313] gave the date of publication of this page and plate of Cramer's work as [31 December] 1775; the name is therefore junior to *pomona* Fabricius].

**Type data:** Status unknown, whereabouts unknown ♀ number of specimens unknown, East Indies (as Indes Orientales in original description)

Comment: Cramer in the original publication did not indicate the number of specimens illustrated but upper and under sides were included.

# National Species List (NSL)



published names from a single point of access

# NSL – linked open data

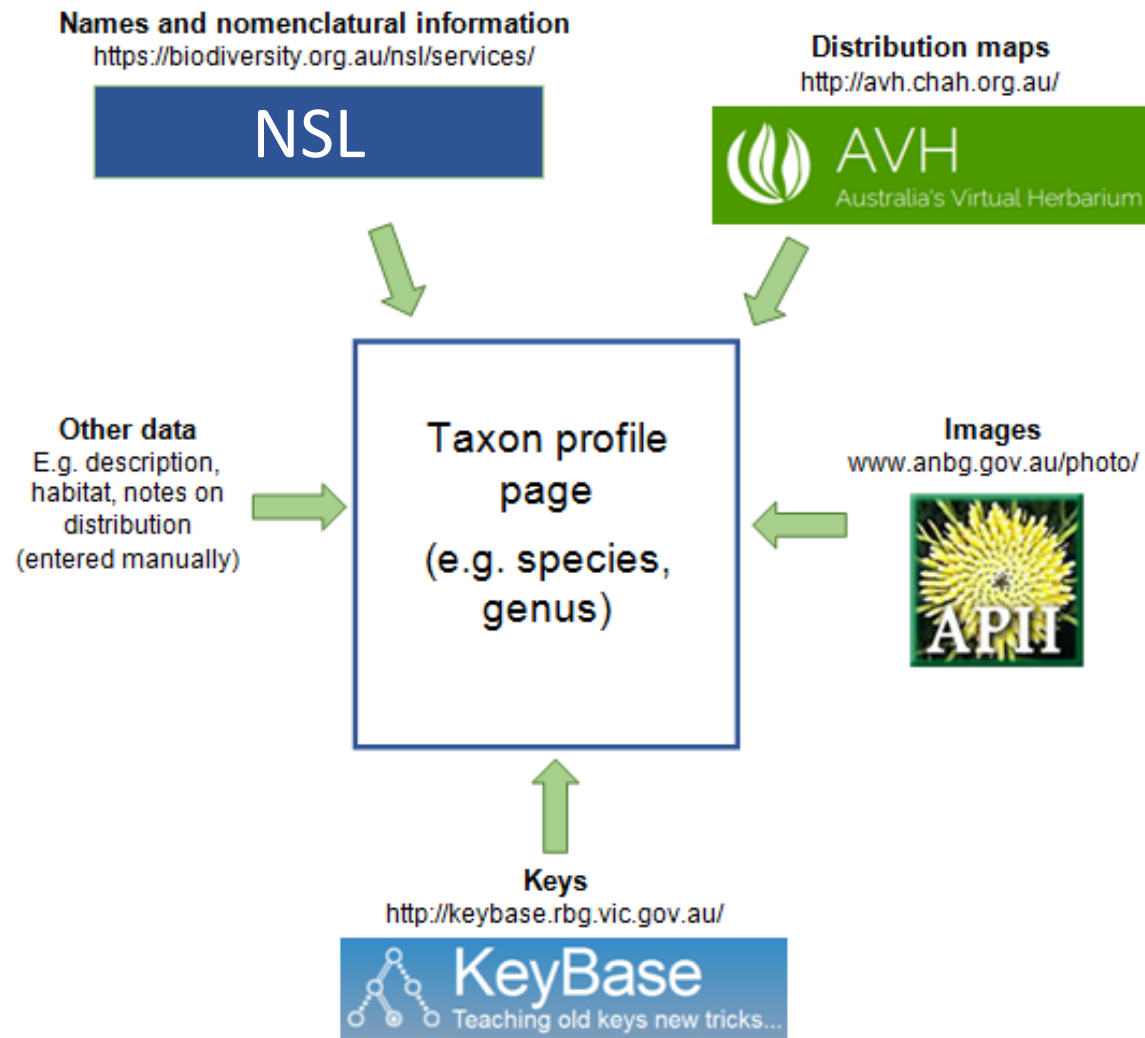
- NSL services comply with recommendations and principles for publishing ***Linked Data*** ie “W3C recommended best practice for exposing, sharing, and connecting pieces of *data*, information, and knowledge on the **Semantic Web** using **URIs** and **RDF**.”
  - RDF for on-the-fly conversion from existing databases
  - Standard human and machine-readable outputs based on the TDWG vocabularies and Darwin Core (e.g. XML, JSON, csv)
  - SPARQL to send queries and receive results
  - Dereferencable URIs provide each NSL record a unique identifier - a persistent and contestable actionable reference back to the NSL name or taxon object
-

# Australasian eFlora Project



- Partnership ABRS, CHAH and ALA
  - Platform to support collaborative online creation, editing, sharing, management and deployment of eFlora/s
    - Rapid and dynamic publication of treatments
    - Collaborative and flexible
    - Increase momentum in publishing floras
    - Improve access to data for authors and users
    - Reduce duplication of effort
    - Governance and management of publication process
-

# eFlora – integrated data sources



# eFlora prototype

Initial user testing of workflow processes late 2015 (~30 herbaria reps)  
Survey feedback on design

This is a TEST site.

[Flora of Australia](#) [Glossary](#) [About](#)

T [See](#)

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To find more information about the Flora of Australia, visit our [About page](#).

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## Search for profile(s)

with text ▾

Options



ALA: sharing biodiversity knowledge to shape our future.

### Site navigat



[Collections](#)  
[Glossary](#)

FABACEAE ACACIA ACACIA ABBATIANA

## Acacia abbatiana Pedley

— Pedley, L. (1999). Notes on Acacia (Leguminosae: Mimosoideae) chiefly from northern Australia. *Austrobaileya* 5(2): 313

CHAH (2006). *Australian Plant Census* APC



[View In Australian Virtual Herbarium](#) [View all images](#)

**DETAILS** **DOCUMENTS**

### Typification

T: Mt Abbot, 50 km W of Bowen, Qld, 20°06'S, 147°46'E, 800 m alt., 2 Aug. 1992, A.R.Bean 4873 ; holotype: BRI; isotypes: AD, BISH, HO, K, L, MEL, MO, NSW, all n.v.

### Published protologue and synonyms

Protologue, synonymy and synonymy typification as published in the original Flora of Australia volume.

Protologue  
*Austrobaileya* 5: 313 (1999)

### Description

Shrubs to c. 4 m tall; bark lamellated (described by collector as 'fibrous'). Branchlets glabrous, pale brown but often with a grey-white overlay of dead epidermal cells. Phyllodes linear, (7-) 9.5-15 cm long, 1.5-2 mm wide, straight to shallowly incurved, glabrous, with numerous parallel non-anastomosing longitudinal nerves, the central nerve slightly more pronounced than the rest. Inflorescences 2- or 3-headed rudimentary racemes 1-2 mm long; peduncles 1-2 mm long, resinous, glabrous or subglabrous; spikes short-cylindrical, 8-9 mm long and c. 5 mm wide at anthesis (when dry). Flowers 5-merous; calyx gamosepalous, cupular, membranous, invested with rather dense arachnoid hairs; petals 1.3-1.5 mm long. Pods to 35 mm long, 2-2.5 mm wide, shallowly curved, pale brown, marginal nerves thick. Seeds longitudinal 2.4-3.2 mm long, 1.3-1.4 mm wide; funicle thickened into a small aril capping the seed.

test changes

### Distribution

The species is confined to Mt Abbot, Qld. [Map](#)

### Habitat

Grows in heathland on rather steep slopes on skeletal soils derived from granite.

### Specimens

Qld: Mt Abbot, 20°06'S 147°46'E, alt. 800 m, Oct. 1992, A.R.Bean 5196 (BRI).

# Acknowledgements

- Our longstanding relationship with the ALA has allowed ABRS and the botanical and faunal community to 'cross the chasm' towards online creation, collection, curation, management, governance and delivery of authoritative national biodiversity data
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# Questions?

