



ANTHELIDAE - ANTHELINAE
Anthela ocellata ♀
Eyespot Anthelid
Wingspan: M: 44-48mm F: 48-60mm
Host: Grasses



ARCTIIDAE - ARCTIINAE
Nyctemera amicus ♂
Senecio Moth
Wingspan: M: 44-46mm F: 36-42mm
Host: *Senecio* spp.



ARCTIIDAE - ARCTIINAE
Spilosoma glatignyi
Black & White or Glatigny's Tiger Moth
Wingspan: M: 50-54mm F: 52-58mm
NB: Woollybear caterpillar eats mostly non-grass herbs



ARCTIIDAE - ARCTIINAE
Utetheisa pulchelloides
Heliotrope or Salt and Pepper Moth
Wingspan: M: 34-36mm F: 32-36mm
Host: Heliotrope and Salvation Jane



ARCTIIDAE - LITHOSIINAE
Anestia ombrophanes ♂
Clouded Footman
Wingspan: M: 16-25mm F: wingless (body 10mm)
Host: Lichen



ARCTIIDAE - LITHOSIINAE
Halone sejuncta
Bird Dropping Lichen Moth
Wingspan: 15mm
Host: Lichen



ARCTIIDAE - LITHOSIINAE
Palaeosia bicosta
Two-ribbed Footman
Wingspan: 30mm
Host: Lichen, algae



ARCTIIDAE - LITHOSIINAE
Termessa shepherdii ♀
Shepherds Footman
Wingspan: M: 30-32mm F: 34-36mm
Host: Lichens



CASTNIIDAE
Synemon nais ♀
Orange Sun Moth
Wingspan: M: 22-28mm F: 25-32mm
Host: *Austrostipa* spp.



COSSIDAE - COSSINAE
Culama australis ♂
Goat Moth (Cossid or Wood Moth)
Wingspan: M: 50-53mm F: 56-64mm
Host: Borer under *Eucalyptus* bark



CRAMBIDAE - CRAMBINAE
Glaucocharis dilatella ♂
Ocellated Web Moth
Wingspan: 14mm
Host: Unknown, likely to be moss



CRAMBIDAE - CRAMBINAE
Hednota relatalis
Pasture Webworm
Wingspan: 21-28mm
Host: Grasses



CRAMBIDAE - MUSOTIMINAE
Musotima nitidalis
Fern Moth
Wingspan: 18mm
Host: Ferns



CRAMBIDAE - PYRAUSTINAE
Uresiphita ornithopteralis ♂
Tree Lucerne Moth
Wingspan: 30mm
Host: Cape Broom and *Hovea* spp.



GEOMETRIDAE - ENNOMINAE
Chlenias zonaea ♂
Black-spot Chlenias
Wingspan: M: 32-48mm F: 38-53mm
Host: *Eucalyptus*, *Acacia*, *Dodonaea* and *Olearia*



GEOMETRIDAE - ENNOMINAE
Ectropis excursaria ♂
Twig Looper
Wingspan: M: 35-40mm F: 48-50mm
Host: Various plants, shrubs and trees



GEOMETRIDAE - ENNOMINAE
Fisera eribola ♀
Eribola Moth
Wingspan: M: 44-52mm F: 48-50mm
Host: *Eucalyptus odorata*, *E. leucoxydon*



GEOMETRIDAE - ENNOMINAE
Fisera perplexata ♂
Hunchback Moth
Wingspan: M: 40-50mm F: 50-54mm
Host: *Eucalyptus odorata*, *E. leucoxydon*



GEOMETRIDAE - ENNOMINAE
Gastrinodes bitaeniaria ♀
Brown Gastrinodes Moth
Wingspan: M: 32-45mm F: 36-47mm
Host: *Eucalyptus* spp.



GEOMETRIDAE - ENNOMINAE
Idiodes apicata ♂
Bracken Moth
Wingspan: M: 40-46mm F: 38-50mm
Host: Bracken fern (*Pteridium*)



GEOMETRIDAE - ENNOMINAE
Mnesampela privata ♀
Autumn Gum Moth
Wingspan: M: 38-44mm F: 38-46mm
Host: *Eucalyptus odorata*, *E. leucoxydon*



GEOMETRIDAE - ENNOMINAE
Parosteodes ficitliaria
Dodonaea Looper Moth
Wingspan: 20mm
Host: *Dodonaea viscosa*



GEOMETRIDAE - ENNOMINAE
Phelotis cognota
Phelotis Looper Moth
Wingspan: 25-30mm
Host: *Exocarpos* spp.



GEOMETRIDAE - ENNOMINAE
Thalaina angulosa ♀
Angled Satin Moth
Wingspan: M: 40-48mm F: 42-52mm
Host: *Acacia* spp.



GEOMETRIDAE - GEOMETRINAE
Chlorocoma cadmaria
Red-spotted Emerald
Wingspan: 20mm
Host: *Leptospermum myrsinoides*, *Darwinia* spp.



GEOMETRIDAE - GEOMETRINAE
Crypsiphona ocularia ♂
Red-lined Geometrid
Wingspan: M: 36-42mm F: 36-50mm
Host: *Eucalyptus* esp *E. odorata*



GEOMETRIDAE - GEOMETRINAE
Crypsiphona ocularia (underside)
Red-lined Geometrid ♀
Wingspan: M: 36-42mm F: 36-50mm
Host: *Eucalyptus* esp *E. odorata*



GEOMETRIDAE - GEOMETRINAE
Euclyodes buprestaria
Dodder Emerald
Wingspan: 30mm
Host: *Cassytha* spp. (Dodder vines)



GEOMETRIDAE - LARENTIINAE
Anachloris uncinata ♀
Hibbertia Moth
Wingspan: 30mm
Host: *Hibbertia* spp.



GEOMETRIDAE - LARENTIINAE
Chloroclystis filata ♂
Filata Moth
Wingspan: M: 15-24mm F: 17-28mm
Host: Blossom of *Acacia* and petals of FABACEAE



GEOMETRIDAE - LARENTIINAE
Epyaxa sodaliata ♀
Clover Moth
Wingspan: M: 20-28mm F: 23-30mm
Host: *Medicago* spp. (clovers), *Anagallis* spp.



GEOMETRIDAE - LARENTIINAE
Epicyme rubropunctaria
Red Spotted Delicate
Wingspan: 25mm
Host: *Ericaceae*, *Geraniaceae* & *Haloragaceae*



GEOMETRIDAE - LARENTIINAE
Phrissogonus laticostata ♂
Apple Looper
Wingspan: 16-18mm
Host: Flower petals



GEOMETRIDAE - OENOCHROMINAE
Oenochroma vinaria ♂
Pink-bellied Moth
Wingspan: M: 48-50mm F: 54-58mm
Host: *Grevillea* and *Hakea* spp.



GEOMETRIDAE - STERRHINAE
Scopula perlata
Cream Wave Moth
Wingspan: 20mm
Host: BORAGINACEAE (Forget-me-not)



GEOMETRIDAE - STERRHINAE
Scopula rubraria
Plantain moth or Reddish Wave
Wingspan: 18-20mm
Host: *Plantago lanceolata* and other herbs



GRACILLARIIDAE
Dialectica scalarilla
Echium Leaf Miner (introduced)
Wingspan: 10mm
Host: BORAGINACEAE esp *Salvation Jane*



HEPIALIDAE
Trictena atripalpis ♂
Autumn Rain Moth
Wingspan: M: 100-120mm F: 150-170mm
Host: *Eucalyptus* roots (redgum) & CASUARINACEAE



LASIOCAMPIDAE - LASIOCAMPINAE
Entometa fervens ♂
Gum Snout Moth
Wingspan: M: 44-64mm F: 66-84mm
Host: *Eucalyptus* spp.



LASIOCAMPIDAE
Gendua punctigera
Spotted Clear-winged Snout Moth
Wingspan: 50mm
Host: *Exocarpos* spp.



LIMACODIDAE
Doratifera quadriguttata ♂
Four-spotted Cup Moth
Wingspan: M: 24-30mm F: 30-46mm
Host: *Eucalyptus* spp.



LIMACODIDAE
Pseudanapaea transvestita ♂
Orange Cup Moth
Wingspan: M: 26-32mm F: 33-36mm
Host: *Eucalyptus odorata*



LIMACODIDAE
Doratifera oxleyi ♀
Painted Cup Moth
Wingspan: M: 20mm F: 50mm
Host: *Eucalyptus* spp.



LYMANTRIIDAE
Teia anartoides ♀
Painted Apple Moth
Wingspan: M: 20mm F: FLIGHTLESS
Host: Many species of plants



LYMANTRIIDAE
Teia anartoides ♂
Painted Apple Moth
Wingspan: M: 20mm F: FLIGHTLESS
Host: Many species of plants

Butterfly Conservation SA has promoted the knowledge and understanding of butterflies and moths since 1999 and is pleased to be able to present for the first time a compendium of common South Australian moths. Moths form, together with butterflies, the order Lepidoptera, a very charismatic group of insects. The posters bring you a few of over 1000 species of moths in our local environment around Adelaide. South Australia has a very large moth fauna and we learn more about them every day. There is

no single field guide to date and often their identification is vague and can only be made at genus level.

We are indebted to those volunteers and enthusiasts working for the protection of moths and butterflies, as well as to those who have supplied us with the images depicted above. A special thanks to Peter McQuillan and Roger Grund for their detailed revisions.

Most moths emerge in Spring, but occasionally some persist in the hotter Summer months emerging in

Autumn as temperatures drop and humidity increases with more frequent rain. They can be as exciting to watch as butterflies and whilst most moths fly at night there are also a variety of diurnal and crepuscular moths

There are about 11,000 species of moths formally described in Australia (Neilsen et al, 1996) with a similar number awaiting description. A lot less is known about South Australian moths than butterflies. Butterfly Conservation SA anticipates that with an enhanced promotion of the

habits and food hosts of moths and butterflies, valuable observations will be provided by members of the public. You are encouraged to contact Butterfly Conservation SA with your observations and make a contribution to our quarterly newsletter and website.

Information about each moth: Family-Subfamily; Genus and species; Image gender; Common name; Male and female wingspan; Host plants
Contact: Butterfly Conservation SA, Attention: The Secretary, c/- SA Museum, North Terrace, Adelaide SA 5000
www.butterflygardening.net.au

References: Grund R, sabutterflies.org.au/moths/sa_moths.htm;
McQuillan PB and Forrest JA, "Common Moths of the Adelaide Region" 1985; Hunt L, Grund R, Keane D and Forrest J, "Attracting Butterflies to your Garden" 2007

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