

Butterfly Conservation South Australia COMMON MOTHS of the Adelaide Region - Sheet 1



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



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



GEOMETRIDAE - ENNOMINAE Gastrinodes bitaeniaria \mathbf{Q} **Brown Gastrinodes Moth** Wingspan: M: 32-45mm F: 36-47mm Host: Eucalyptus spp.

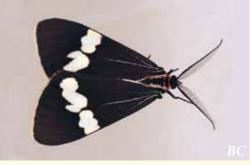


GEOMETRIDAE - GEOMETRINAE Eucyclodes buprestaria **Dodder Emerald** Wingspan: 30mm Host: Cassytha spp. (Dodder vines)



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

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



ARCTIIDAE - ARCTIINAE Nvctemera amicus o Senecio Moth Wingspan: M: 44-46mm F: 36-42mm Host: Senecio spp.



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



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



GEOMETRIDAE - LARENTIINAE Anachloris uncinata 9Hibbertia Moth Wingspan: 30mm Host: Hibbertia spp.



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



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



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



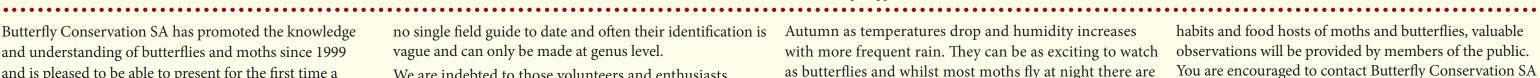
GEOMETRIDAE - ENNOMINAE Mnesampela privataAutumn Gum Moth Wingspan: M: 38-44mm F: 38-46mm Host: Eucalyptus odorata, E. leucoxylon



GEOMETRIDAE - LARENTIINAE Chloroclystis filata o Filata Moth Wingspan: M: 15-24mm F: 17-28mm Host: Blossom of Acacia and petals of FABACEAE Host: Medicago spp. (clovers), Anagallis spp.

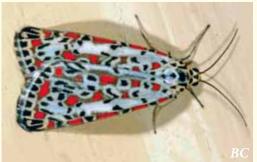


LASIOCAMPIDAE - LASIOCAMPINAE Entometa fervens o Gum Snout Moth Wingspan: M: 44-64mm F: 66-84mm



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



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



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



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



GEOMETRIDAE - LARENTIINAE Epyaxa sodaliata \mathcal{Y} Clover Moth Wingspan: M: 20-28mm F: 23-30mm



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

Autumn as temperatures drop and humidity increases habits and food hosts of moths and butterflies, valuable observations will be provided by members of the public. with more frequent rain. They can be as exciting to watch You are encouraged to contact Butterfly Conservation SA as butterflies and whilst most moths fly at night there are with your observations and make a contribution to our also a variety of diurnal and crepuscular moths quarterly newsletter and website.

There are about 11,000 species of moths formally described Information about each moth: Family-Subfamily; Genus and species; in Australia (Neilsen et al, 1996) with a similar number Image gender; Common name; Male and female wingspan; Host plants awaiting description. A lot less is known about South Contact: Butterfly Conservation SA, Attention: Australian moths than butterflies. Butterfly Conservation The Secretary, c/- SA Museum, North Terrace, Adelaide SA 5000 SA anticipates that with an enhanced promotion of the www.butterfygardening.net.au



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



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



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



Red Spotted Delicate

LIMACODIDAE

Host: *Eucalyptus* spp.





GEOMETRIDAE - ENNOMINAE

Host: Eucalyptus, Acacia, Dodenaea and Olearia

GEOMETRIDAE - ENNOMINAE

Wingspan: M: 40-48mm F: 42-52mm

Thalaina angulosa P

Angled Satin Moth

Host: Acacia spp.

Wingspan: M: 32-48mm F: 38-53mm

Chlenias zonaea o

Black-spot Chlenias



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



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



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



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



LIMACODIDAE Doratifera oxleyi $\mathbf{\hat{Y}}$ Painted Cup Moth Wingspan: M: 20mm F: 50mm Host: Eucalyptus spp.



Photographers: Brian Cartwright (BC), Mike Gemmell (MG), Roger Grund (RG), Gerhard Weber (GW). Editor: Gerry Butler



ARCTIIDAE - LITHOSIINAE Termessa shepherdi PShepherds Footman Wingspan: M: 30-32mm F: 34-36mm Host: Lichens



GEOMETRIDAE - ENNOMINAE Fisera eribola \mathcal{P} Eribola Moth Wingspan: M: 44-52mm F: 48-50mm Host: Eucalyptus odorata, E. leucoxylon



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



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



LYMANTRIIDAE Teia anartoides 9Painted Apple Moth Wingspan: M: 20mm F: FLIGHTLESS Host: Many species of plants



CASTNIIDAE Synemon nais **9** Orange Sun Moth Wingspan: M: 22-28mm F: 25-32mm Host: Austrostipa spp.



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



GEOMETRIDAE - GEOMETRINAE *Crypsiphona ocultaria (underside)* Red-lined Geometrid **9** Wingspan: M: 36-42mm F: 36-50mm Host: Eucalyptus esp E. odorata



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



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

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

Doratifera quadriguttata 🔿 Four-spotted Cup Moth Wingspan: M: 24-30mm F: 30-46mm

LIMACODIDAE Pseudanapaea transvestita o Orange Cup Moth

Wingspan: M: 26-32mm F: 33-36mm Host: *Eucalyptus odorata*

