

Higher Classification¹

Kingdom: Animalia, **Phylum:** Arthropoda, **Class:** Insecta, **Order:** Lepidoptera (excluding **Superfamily:** Papilionoidea)

Moth taxonomy is in flux and there is currently no definitive resource covering up-to-date taxonomy for all of Lepidoptera. Therefore, classification for species within each superfamily was based on a specific paper or resource unless otherwise indicated.

Superfamily (supF:), Family (F:), and Subfamily (subF:)

	Scientific Name	English Name
supF: Bombycoidea ¹		
F: Apatelodidae		Apatelodod Moths
	<i>Apatelodes turrialba</i>	
F: Bombycidae		Silkworm Moths
subF: Epiinae	<i>Anticla antica</i> <i>Colla rhodope</i>	
F: Saturniidae		Giant Silkworm and Royal Moths
subF: Hemileucinae	<i>Paradirphia talamancaia</i>	
subF: Saturniinae	<i>Rothschildia</i> sp.	Silkmoth
supF: Geometroidea ²		
F: Geometridae		Geometrid Moths
subF: Desmobathrinae	<i>Racasta spatiaria</i>	
subF: Ennominae	<i>Acrosemia tigrata</i> <i>Anisoperas tessellata</i> <i>Argyrotome prospectata</i> <i>Charca canopus</i> <i>Epimecis</i> sp. <i>Iridopsis</i> sp. <i>Iridopsis validaria</i> <i>Lomographa argentata</i> <i>Nematocampa completa</i> <i>Oxydia</i> sp. <i>Pero clana</i> <i>Phrygionis polita</i>	
subF: Geometrinae	<i>Nemoria astraea</i> <i>Synchlora dependens</i>	
subF: Larentiinae	<i>Eois dorisaria</i> <i>Eupithecia</i> spp. <i>Hammaptera improbaria</i>	
subF: Sterrhinae	<i>Idaea similinea</i> <i>Lobocleta</i> sp. <i>Scopula umbilicata</i>	
F: Uraniidae		Swallowtail Moths
subF: Epipleminae	<i>Morphomima fulvitacta</i> ³	
supF: Lasiocampoidea ⁴		
F: Lasiocampidae		Tent Caterpillar and Lappet Moths
subF: Poecilocampinae	<i>Euglyphis fibra</i>	

Superfamily (supF:), Family (F:),
and Subfamily (subF:)

Superfamily (supF:), Family (F:), and Subfamily (subF:)	Scientific Name	English Name
supF: Noctuoidea ⁵		Noctuid Moths
F: Arctiidae ³		Footman and Tiger Moths
subF: Ctenuchinae	<i>Pseudomya afflictata</i> ^{*3}	
F: Erebidae		Erebid Moths
subF: Arctiinae ⁶	<i>Amastus suffusa</i> ⁴ <i>Bertholdia fumida</i> <i>Dysschema leda</i> <i>Dysschema zeladon</i> <i>Eucereon costulatum</i> <i>Eucereon discolor</i> <i>Eucereon sp.</i> <i>Macrocrambus plateada</i> ⁴ <i>Rhabdatomis draudti</i>	
subF: Eulepidotinae	<i>Epitausa dilina</i>	
subF: Herminiinae	<i>Herminiinae sp.</i>	
F: Noctuidae		Owlet and Miller Moths
subF: Amphipyriinae	<i>Emarginea niphoplaga</i>	
F: Notodontidae		Prominent Moths
subF: Dioptinae	<i>Chrysoglossa submaxima</i> ⁴	
subF: Dudisinae	<i>Dudisinae sp.</i>	
supF: Pterophoroidea ⁷		
F: Pterophoridae	<i>Pterophoridae sp.</i>	Plume Moths
supF: Pyraloidea ⁸		Snout Moths
F: Crambidae		Crambid Snout Moths
subF: Spilomelinae	<i>Anarmodia repandalis</i> <i>Desmia sp.</i> <i>Diaphania nitidalis</i> <i>Diaphania sp.</i> <i>Lineodes integra</i> <i>Neoleucinodes elegantalis</i> <i>Patania silicalis</i> [*] <i>Syllepsis hortalis</i>	
supF: Tortricoidea ⁹		
F: Tortricidae		Tortix or Leaf Roller Moths
subF: Tortricinae	<i>Amorbia sp.</i>	
supF: Zygaenoidea ⁴		
F: Limacodidae		Slug Caterpillar Moths
subF: Limacodinae	<i>Euclea bidiscalis</i> ⁴	

Contributors:

Ellie Brown, Jack Burton, Sophie Darnton, Rhys Kaye, Tamar Lennard, Chloe Pasquill, Jennifer Powell, Rosa Sutcliffe, and Lucy Wells.

Notes and References:

sp. = one or more species of the given taxon identified

*, indicates the species' taxonomy is uncertain

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