



MOTHS OF SABAH, MALAYSIA

Moths form a very large insect group under the order Lepidoptera. There are about 10,000 species in Borneo. Mostly night-flying, they range in wingspan from 3 mm to about 28 cm of the gigantic Atlas Moth, *Attacus atlas*, which is among the largest insects in the world. Vital roles of moths in the tropical ecosystem include pollinators, biodiversity and environmental health indicators, and a source of food for other wildlife. The larvae of some species can cause severe damage in forestry and agriculture, as defoliators, stem and shoot borers. Showcased here are 71 moth species in varying sizes, patterns and colours from the tropical rainforests of Sabah (Photos are arranged according to approximate relative scale only).



Saturniidae 1. *Attacus atlas* 2. *Archaeoattacus staudingeri* 3. *Antheraea celebensis* 4. *Antheraea helferi* 5. *Antheraea jana* 6. *Actias maenas* - male (6a) & female (6b) 7. *Actias selene* 8. *Loepa megacore* 9. *Cricula trifenestrata* **Bombycidae** 10. *Mustilia dierli** **Eupterotidae** 11. *Eupterote naessigi* **Brahmaeidae** 12. *Brahmaea hearseyi* **Lasiocampidae** 13. *Trabala krishna* 14. *Alompra roepkei* **Sphingidae** 15. *Daphnis hypothous* 16. *Daphnis nerii* 17. *Amplypterus panopus* 18. *Callambulyx rubricosa* 19. *Megacorma obliqua* 20. *Cechenena helops* 21. *Daphnusa ocellaris* 22. *Eupanacra busiris* **Uraniidae** 23. *Lyssa menoetius* **Cossidae** 24. *Xyleutes strix* 25. *Xyleutes mineus* **Erebidae** 26. *Phyllodes eyndhovii* 27. *Ugia sundana* 28. *Eudocima homaena* 29. *Buzara saikehi** 30. *Erebus ephesperis* **Erebidae (Aganainae)** 31. *Asota egens* 32. *Asota kinabaluensis** **Erebidae (Arctiinae)** 33. *Amerila omissa* 34. *Areas galactina* 35. *Spilosoma groganae** **Erebidae (tribe Lithosiini)** 36. *Cyana inconclusa* 37. *Cyana cruentata** 38. *Oenistis altica* 39. *Barsine euprepioides* 40. *Asura synestramena* 41. *Asura fulguritis* 42. *Adites sandakan** 43. *Eugoa alleni** 44. *Barsine lucibilis** 45. *Barsine roseororatus* **Erebidae (Lymantriinae)** 46. *Toxoproctis munda* **Noctuidae** 47. *Ramadasa pavo* **Nolidae** 48. *Titulcia rufimargo* 49. *Sinna calospila* 50. *Tyana marina** 51. *Diehlea ducalis** **Geometridae** 52. *Ozola submontana** 53. *Agathia succedanea* 54. *Ornithospila nr. cincta* 55. *Comibaena attenuata* 56. *Pingasa venusta* 57. *Scopula divisaria* 58. *Problepsis borneamagna** 59. *Celerena signata* 60. *Chorodna complicataria* 61. *Plutodes argentilauta* 62. *Garaeus altapicata** **Limacodidae** 63. *Parasa humeralis** **Drepanidae** 64. *Canucha specularis* **Zygaenidae** 65. *"Pidorus" splendens* **Crambidae** 66. *Vitessa teleroma* 67. *Pachynoa purpuralis* 68. *Arthroschista hilaralis* 69. *Xanthomelaena nr. schematias* 70. *Terastia egialealis* 71. *Glyphodes militaris**

*indicates Bornean endemic species.

