

evidence. Reference has already been made to the very striking resemblance between *Liphistius* and *Protolycosa*, in respect of the lengths of the legs and the segmented abdomen; and this is a point which scarcely needs emphasizing. We find, in effect, one single small family of living spiders closely similar to the type of the Carboniferous strata—a type from which every other family has widely departed.

These spiders have been reported only from Penang and Sumatra, and, since their unusual form would attract the attention of any naturalist, we may confidently assume that they occur nowhere else. This fact is in itself surprising, and suggests that in the West Indies alone in the habitable world *Liphistius* has found an environment in which it could persist unchanged for geological ages. It is in accordance with this fact to find that Sumatran fauna is entirely different from that of Java, across the narrow Straits of Sunda; for example, it includes a peculiar species of elephant, which is not found in Java, while a great ape—*Siamanga melalophus*—is peculiar to this island.

We may therefore conclude that the Liphistioidæ are a family of spiders which, while showing very definite resemblances to several of the Theraphosæ, are in most ways a survival of an extremely primitive type; and we tender a claim that, when completely studied, they will hold among primitive animals an important position.

L.—*A Revision of the Genera of the Family Liparidæ.* By Colonel C. SWINHOE, M.A., F.L.S., F.Z.S., F.E.S., Member of the Entomological Society of France and of the Bombay Natural History Society.

Family Liparidæ.

This family has been much neglected by entomologists; Lord Rothschild's excellent paper in Nov. Zool. (xxiv. p. 350, 1917) shows that a revision of the family is very much needed.

Sir George Hampson in his 'Moths of India' sinks Liparidæ to Lymantriidæ, because *Liparis* was erected by Artedi for a genus of fishes in 1738, but by the rules of nomenclature the International Commission decided that 1758, the date of the tenth edition of Linnæus's 'Systema

Naturæ,' should be fixed as the nomenclatorial starting-point.

The types of *Liparis*, Ochsenheimer, and "*Lymantria*," Hübner, are the same ("*Monacha* of Linnæus"), and as the former has precedence the family must stand as Liparidæ.

Strand, in Seitz's Macrolep. ii. (1917), calls the family Liparidæ, but ignores the genus *Liparis* and uses the name *Lymantria*.

The genus *Anthela*—distinguished by the very peculiar structure of the areole in the fore wing, which is broad and extends nearly to the apex of the wing, and the wide separation of vein 8 in the hind wing from the cell—Turner makes a subfamily of the Liparidæ in the first of his very important papers on the Australian species of the family. But in his last paper in Proc. Linn. Soc. N. S. Wales, May 1921, he makes the Anthelidæ a separate family; but as its relation to the Liparidæ is very evident I prefer leaving it as a subfamily of the Liparidæ.

Lord Rothschild points out that many generic names in this family are wrongly placed, and I have considered it necessary to prove this, to give the types of each generic name with its proper reference in its proper place.

I have sunk many so-called genera under *Nygmia* and other genera: most of them are identical in structure with the type-genera; some of them vary in unimportant points, which I consider cannot be called generic.

All the species in which Kirby is quoted, except those mentioned as being in the B.M. or Mus. Oxon., represent forms unknown to me.

Subfamily ANTHELINÆ.

The Anthelinæ are almost entirely Australian, most of them have been described by Walker from types in the British Museum and the Oxford Museum. Dr. Turner has sunk many of them, having had before him larger series than we possess in England; according to Dr. Turner, the variability of many of the species is very great, certainly the type-specimens of many of the species sunk are so different from each other as to justify their description as separate species.

Genus PTEROLOCERA, Walker, iv. p. 883 (1855).

1. *Pterolocera amplicornis*.

Pterolocera amplicornis, Walker, iv. p. 884.

Pterolocera similis, Walker, l. c.

Pterolocera insignis, Herr.-Schäff. Lep. Exot. 1858, p. 458.

Types, ♂, Adelaide, in B.M.; Melbourne.

Genus APROSITA, Turner, Trans. Roy. Soc.
S. Australia, 1914, p. 456.

2. *Aprosita obscura*.

Trichiura obscura, Walker, vi. p. 1481 (1856).

Diaphona nuna, Felder, Reise Nov. pl. xcix. fig. 14 (1868).

Aprosita urothrix, Turner, *l. c.* p. 457.

Aprosita obscura, Turner, Proc. Linn. Soc. N.S.W. xlv. p. 167 (1921).

Type, N. Australia, in B.M.; Queensland, N. S. Wales,
S. Australia.

Genus NATAXA, Walker, v. p. 1179 (1855).

Dicreagra, Felder, Reise Nov. pl. C. fig. 2 (1868).

3. *Nataxa flavescens*.

Arna (?) *flavescens*, Walker, v. p. 1128.

Nataxa flavescens, Walker, v. p. 1179.

Nataxa rubida, Walker, xxxii. p. 512 (1865).

Dicreagra ochrocephala, Felder, *l. c.*

Type, Tasmania, type *rubida* Australia, both in B.M.; type
ochrocephala, Sydney, in Coll. Rothschild, Adelaide, King
George's Sound, N. S. Wales.

Genus ANTHELA, Walker, iv. p. 853 (1855).

Darala, Walker, iv. p. 856.

Colussa, Walker, xxi. p. 288 (1860).

Neumania, Swinhoe, Cat. Het. Mus. Oxon. i. p. 199 (1892).

Pseudodreata, Bethune-Baker, Nov. Zool. xi. p. 371 (1904).

Cycethra, Bethune-Baker, *l. c.*

Type, *ferruginea*, Walker, *Darala acuta*, Walker.

4. *Anthela ferruginosa*.

Anthela ferruginosa, Walker, iv. p. 854.

Darala parva, Walker, iv. p. 892.

Darala minuta, Swinhoe, Cat. Het. Mus. Oxon. i. p. 210 (1892).

Type, ♀ (nec ♂), Brisbane; type, *parva*, Tasmania, in
B.M.; type, *minuta*, N. S. Wales, in Mus. Oxon.

5. *Anthela phænicias*.

Anthela phænicias, ♂, Turner, Trans. Roy. Soc. S. Australia, 1902,
p. 182.

Anthela aspilota, ♀, Turner, *l. c.*

Types, Queensland, in Coll. Turner.

6. *Anthela rubicunda*.

Darala rubicunda, Swinhoe, Ann. & Mag. Nat. Hist. (7) ix. p. 419 (1902).

Darala pudica, Swinhoe, *l. c.*

Types, ♂ ♂, Roebourne, N.W. Australia, in B.M.; S. Australia, Bungaree.

7. *Anthela adriana*.

Darala adriana, Swinhoe, *l. c.*

Type, ♂, Sherlock River, in B.M.; Herberton, N. Queensland.

8. *Anthela leucocera*.

Anthela leucocera, Turner, Proc. Linn. Soc. N. S. Wales, 1921, p. 170.

Type, ♂, Hornsby, near Sydney, in Coll. Lyell.

9. *Anthela clementi*.

Darala clementi, Swinhoe, Ann. & Mag. Nat. Hist. (7) ix. p. 81 (1902).

Type, ♀, Sherlock River, in B.M.

10. *Anthela elizabetha*.

Odonestis elizabetha, White, Gray's Journ. Lep. Australia, ii. p. 478 (1841).

Darala rubescens, Walker, xxxii. p. 370 (1865).

King George's Sound: type, *rubescens*, ♂, Australia, in B.M.; Albany, W. Australia.

11. *Anthela linopepla*.

Anthela linopepla, Turner, Proc. Linn. Soc. N. S. Wales, 1921, p. 171.

Type, ♀, Darwin, N. Australia, in Coll. Turner.

12. *Anthela neurospasta*.

Anthela neurospasta, Turner, Trans. Roy. Soc. S. Australia, 1902, p. 182.

Anthela ochroneura, Turner, Proc. Roy. Soc. Queensland, 1915, p. 25.

Types, ♂ ♂, Stapleton, N. Australia; Wyndham, N.W. Australia, in Coll. Turner.

13. *Anthela hyperythra*.

Anthela hyperythra, Turner, Proc. Linn. Soc. N. S. Wales, 1921, p. 172.

Types, ♂ ♀, Darwin, N. Australia, in Coll. Turner.

14. *Anthela achromata*.

Anthela achromata, Turner, Trans. Ent. Soc. 1904, p. 480.

Type, Thursday Isl., in Coll. Turner; Cairns, Standway Hills, Mount Garnet, Mt. Molloy, N. Queensland, Darwin, Stapleton, W. Australia.

15. *Anthela habroptila*.

Anthela habroptila, Turner, Proc. Linn. Soc. N. S. Wales, 1921, p. 173.

Type, ♂, Kalgoorlie, W. Australia, in National Museum, Melbourne.

16. *Anthela unisigna*.

Anthela unisigna, Swinhoe, Trans. Ent. Soc. 1903, p. 447.

Type, ♂, Sherlock River, N.W. Australia, in B.M.

17. *Anthela guenei*.

Teara guenei, Newman, Trans. Ent. Soc. 1856, p. 284, pl. xviii. fig. 9.
Neumania guenei, Swinhoe, Cat. Het. Mus. Oxon. i. p. 199 (fig.) (1892).

Toowomba, Queensland, Sydney, N. S. Wales.

18. *Anthela denticulata*.

Teara denticulata, Newman, Trans. Ent. Soc. 1856, p. 283.

Darala undulata, Felder, Reise Nov. pl. xcvi. fig. 11 (1868).

Darala basigera, Walker, xxxii. p. 372 (1863).

Adelaide, type, *basigera*, in B.M.; type, *undulata*, Melbourne, in Coll. Rothschild.

19. *Anthela ekeikei*.

Colussa ekeikei, Bethune-Baker, Nov. Zool. xi. p. 429, pl. fig. 42 (1904).

Type, N. Guinea, in Coll. Bethune-Baker.

20. *Anthela strigata*.

Pseudodreata strigata, Bethune-Baker, l. c. p. 371.

Type, N. Guinea, in Coll. Bethune-Baker.

21. *Anthela arva*.

Cycethra arva, Bethune-Baker, l. c. p. 393.

Type, N. Guinea, in Coll. Bethune-Baker.

Ann. & Mag. N. Hist. Ser. 9. Vol. x.

22. *Anthela inconstans*.

Colussa strigata inconstans, Joicey, Noakes & Talbot, Trans. Ent. Soc. 1915, p. 380, pl. lxii. figs. 2 ♂, 3 ♀.

Types, ♂ ♀, Arfak Mts., Dutch N. Guinea, in Coll. Joicey.

23. *Anthela angiana*.

Colussa angiana, Joicey, Noakes & Talbot, *l. c.* fig. 4.

Type, Dutch N. Guinea, in Coll. Joicey.

24. *Anthela odontogrammata*.

Colussa odontogrammata, Joicey & Talbot, Ann. & Mag. Nat. Hist. (8) xx. p. 56, pl. iii. fig. 14 (1917).

Type, ♂, Dutch N. Guinea, in Coll. Joicey.

25. *Anthela ostra*.

Anthela ostra, Swinhoe, Trans. Ent. Soc. 1903, p. 442.

Anthela chrysocrossa, Turner, Proc. Roy. Soc. Queensland, 1915, p. 24.

Type, ♂, Adelaide River, N. Australia, in B.M.; type, ♂, *chrysocrossa*, Batchelor, Adelaide River, in Coll. Turner. Nearest to *denticulata*, Newman.

26. *Anthela oressarcha*.

Anthela oressarcha, Turner, Proc. Linn. Soc. N. S. Wales, 1921, p. 177.

Types, ♂ ♀, Koseinsko, N. S. Wales, in Coll. Turner.

27. *Anthela cnecias*.

Anthela cnecias, Turner, *l. c.* p. 178.

Darala ocellata, var., Walker, iv. p. 887 (1855).

Type, ♀, Tasmania, in B.M.

28. *Anthela ocellata*.

Darala ocellata, Walker, iv. p. 887.

Ommatophora tetrophthalma, Herr.-Schäff. Ausser. Schmett. 1856, figs. 506, 507.

Darala ochroptera, Lower, Trans. Roy. Soc. N. Australia, xvi. p. 14 (1892).

Anthela symphona, Turner, Trans. Ent. Soc. 1904, p. 480.

Colussa psammochroa, Lower, *l. c.* p. 112 (1908).

Anthela nigristigma, Fawcett, P. Z. S. 1917, p. 248.

Type, Tasmania, in B.M.; type, *symphona*, Tasmania, in Coll. Turner; Queensland, Sydney, Victoria, S. Australia.

29. *Anthela ariprepes*.

Anthela ariprepes, Turner, Proc. Linn. Soc. N. S. Wales, 1921, p. 179.

Type, Lake Hattah, Victoria, in Coll. Turner.

30. *Anthela magnifica*.

Darala magnifica, Lucas, Proc. Linn. Soc. N. S. Wales, 1891, p. 286.

Darala xantharcha, Meyrick, Trans. Roy. Soc. S. Australia, 1891, p. 191.

Anthela tritonea, Swinhoe, Trans. Ent. Soc. 1903, p. 448.

Type, Queensland, in Coll. Lucas; type, *xantharcha*, Daringa, in S. Australian Museum; type, *tritonea*, Queensland, in B.M.

31. *Anthela tetraphrica*.

Anthela tetraphrica, Turner, Proc. Linn. Soc. N. S. Wales, 1921, p. 181.

Type, ♂, Beverley, in S. Australian Mus.; type, ♀, Northam, West Australia, in Coll. Turner.

32. *Anthela allocota*.

Anthela allocota, Turner, *l. c.* p. 182.

Type, ♀, Melbourne, in National Museum, Melbourne.

33. *Anthela asciscens*.

Darala asciscens, Lucas, Proc. Linn. Soc. N. S. Wales, 1891, p. 288.

Type, Queensland, in Coll. Lucas.

34. *Anthela callixantha*.

Darala callixantha, ♂, Lucas, Trans. Roy. Soc. S. Australia, 1902, p. 214.

Anthela flavata, ♀, Swinhoe, Trans. Ent. Soc. 1902, p. 452.

Type, ♂, Hammersley Range, in S. Australian Museum; type, ♀, *flavata*, Sherlock River, N.W. Australia, in B.M.; Carnarvon, W. Australia.

35. *Anthela phæodesma*.

Anthela phæodesma, Turner, Proc. Linn. Soc. N. S. Wales, 1921, p. 183.

Type, ♂, Kuranda, near Cairns, in Coll. Turner.

36. *Anthela pyrrhica*.

Anthela pyrrhica, Turner, *l. c.*

Type, ♀, Koseinsko, N. S. Wales, in coll. Turner.

37. *Anthela canescens*.

Darala canescens, Walker, iv. p. 901 (1855).

Darala inornata, Walker, *l. c.*

Dreata deficiens, Walker, xxxii. p. 374 (1865).

Darala complens, Swinhoe, Cat. Het. Mus. Oxon. i. p. 209 (1892).

Anthela carneotincta, Swinhoe, Trans. Ent. Soc. 1903, p. 451.

Anthela crenulata, Swinhoe, *l. c.*

Anthela epicrypha, Swinhoe, Ann. & Mag. Nat. Hist. (7) xvi. p. 150 (1905).

Type, ♂, Australia; type, *deficiens*, ♂, Australia, in B.M.; type, *complens*, Australia, in Mus. Oxon.; types, ♂ ♀, *carneotincta*, Fremantle, in B.M.; type, *crenulata*, also Fremantle, in B.M.; type, ♀, *epicrypha*, N. S. Wales, in B.M.

38. *Anthela asterias*.

Darala asterias, Meyrick, Trans. Roy. Soc. S. Australia, 1891, p. 192.

Darala uniformis, Swinhoe, Cat. Het. Mus. Oxon. i. p. 210 (1892).

Anthela niphomacula, Lower, Trans. Roy. Soc. S. Australia, 1905, p. 175.

Anthela callispila, Lower, *l. c.*

Type, ♂, Melbourne, in Coll. Meyrick; Lower's types, Broken Hill, S. Australia, in Coll. Lower.

39. *Anthela figlina*.

Darala figlina, Swinhoe, Ann. & Mag. Nat. Hist. (7) ix. p. 81 (1902).

Type, ♂, Sherlock River, N.W. Australia, in B.M.

40. *Anthela stygiana*.

Darala stygiana, Butler, Ann. & Mag. Nat. Hist. (5) ix. p. 88 (1882).

Type, ♂, Melbourne, in B.M.

41. *Anthela addita*.

Darala addita, Walker, xxxii. p. 372 (1865).

Type, ♀, Tasmania, in B.M.; Victoria, Hobart.

42. *Anthela heliopa*.

Darala heliopa, Lower, Trans. Roy. Soc. S. Australia, 1902, p. 214, ♀.

Anthela heliopa, Turner, *l. c.* p. 184, ♂.

Type, ♀, Queensland, in Coll. Lower; type, ♂, in Coll. Turner.

43. *Anthela excellens*.

Darala excellens, Walker, iv. p. 902 (1855).

Type, ♀, Australia; type, ♂, Sydney, in B.M.; Cairns.

44. *Anthela prima*.

Darala prima, Walker, xxxv. p. 1917 (1866).

Colussa prima, Kirby, Cat. Lep. Het. i. p. 806 (1892).

Type, Makian, Celebes, in B.M.

45. *Anthela reltoni*.

Anthela reltoni, Lower, Trans. Nat. Hist. Soc. Queensland, 1895, p. 106.

Anthela pyromacula, Lower, Trans. Roy. Soc. S. Australia, 1905, p. 76.

Type, ♂, Charleville, Queensland, in Queensland Museum; type, ♂, *pyromacula*, Broken Hill, N. S. Wales, in Coll. Lower.

46. *Anthela varia*.

Darala varia, Walker, iv. p. 890 (1855), ♂ ♀.

Darala integra, Walker, iv. p. 893, ♂.

Darala hamata, Walker, iv. p. 895.

Colussa odenestaria, Walker, xxi. p. 288 (1860).

Darala pinguis, Walker, xxxii. p. 372 (1865).

Colussa uvaria, Walker, xxxv. p. 1576 (1866).

Darala latifera, Walker, Trans. Ent. Soc. 1862, p. 266.

Darala caniceps, Walker, l. c. p. 269.

Darala limonea, Butler, Cist. Ent. 1874, p. 291, ♂ ♀.

Darala succinea, Lucas, Proc. Linn. Soc. N. S. Wales, 1891, p. 290.

Darala scorteia, Lucas, l. c.

Types, *varia*, *odenestaria*, *pinguis*, Australia; type, *integra*, New Holland; type, *uvaria*, Moreton Bay; type, *hamata*, Sydney; type, *latifera*, Melbourne; type, *limonea*, Roehampton: all in B.M. Cairns, N. S. Wales, type, *caniceps*, Moreton Bay, in Mus. Oxon.

47. *Anthela acuta*.

Darala acuta, Walker, iv. p. 889.

Darala excisa, Walker, l. c.

Darala ferruginea, Walker, iv. p. 890.

Darala conspersa, Walker, l. c.

Darala simplex, Walker, l. c.

Darala plana, Walker, iv. p. 892.

Darala subfalcata, Walker, iv. p. 894.

Darala falcata, Walker, iv. p. 895.

Darala cinerascens, Walker, iv. p. 900.

Darala potentaria, Walker, xxvi. p. 1591 (1862).

Darala rufifascia, Walker, xxxii. p. 370 (1865).

Darala delineata, Walker, xxxii. p. 371.

Darala quadriplaga, Walker, Trans. Ent. Soc. 1862, p. 269.

Types, *acuta*, *excisa*, Sydney; type, *conspersa*, without locality; types, *simplex* and *plana*, Sydney; types, *subfalcata* and *rufifascia*, Tasmania: all in B.M.

48. *Anthela repleta*.

Darala repleta, Walker, iv. p. 896 (1855).

Darala protocentra, Meyrick, Trans. Roy. Soc. S. Australia, 1891, p. 191.

Darala hæmoptera, Lower, Trans. Roy. Soc. S. Australia, 1893, p. 150.

Type, ♂, Tasmania, in B.M., Victoria.

49. *Anthela connexa*.

Darala connexa, Walker, iv. p. 898.

Darala fervens, Walker, l. c.

Darala postica, Walker, iv. p. 899.

Darala zonata, Felder, Reise Nov. pl. xcix. fig. 1 (1868).

Type, ♂, *connexa*; type, ♂, *fervens*; type, ♂, *postica*: all in B.M. Type, *zonata*, Australia, in Coll. Rothschild.

50. *Anthela nicothoë*.

Bombyx nicothoë, Boisd. Voy. de l'Astrolabe, i. p. 226 (1832).

Lælia australasiæ, Herr.-Schäff. Ausser. Schmett. fig. 386 (1855).

Darala adusta, Walker, iv. p. 897 (1855).

Darala censors (misprint), Walker, xxxiii. p. 365 (1865).

Darala consors, Walker, xxxv. p. 1917 (1866).

Darala rubeola, Felder, Reise Nov. pl. xcvi. fig. 9 (1868).

Colussa vinosa, Rosen, Ann. & Mag. Nat. Hist. (5) xvi. p. 384 (1885).

Type, *adusta*, Tasmania; type, ♂, *consors*, Australia; type, *vinosa*, Australia: all in B.M. Type, *rubeola*, Australia, in Coll. Rothschild; Victoria, Kangaroo Isl., S. Australia.

The following species unrecognised by Dr. Turner, Proc. Linn. Soc. N.S.W. 1921, p. 190:—

51. *Anthela simplex*.52. *Arnissa simplex*, Walker, Char. Undescr. Lep. p. 77.

Type in National Museum, Melbourne.

53. *Darala linearis*, Lucas, Proc. Linn. Soc. N. S. Wales, 1891, p. 289.54. *Darala rubroscripta*, Lucas, l. c. p. 291.55. *Darala rosea*, Lucas, l. c.56. *Darala cupreotincta*, Lucas, Proc. Linn. Soc. Queensland, 1891, p. 75.57. *Darala trisecta*, Lucas, l. c. 1898, p. 67.58. *Darala maculosa*, Lucas, l. c.59. *Darala consuta*, Lucas, l. c. 1899, p. 139.

Genus CHENUALA, Swinhoe, Cat. Het. Mus. Oxon. i.
p. 212 (fig.) (1892).

60. *Chenuala rufa*.

Chenuala rufa, Swinhoe, *l. c.*

Type, Queensland, in Mus. Oxon.

Genus CHELEPTERYX, Gray, Trans. Ent. Soc. i. p. 122 (1832).

61. *Chelepteryx collesi*.

Chelepteryx collesi, Gray, *l. c.*

Saturnia laplacei, Feist. Voy. de la Fab. v. 1839, Suppl. p. 20, pl. viii.
fig. 9.

Queensland, Sydney, Melbourne.

62. *Chelepteryx felderi*.

Darala chelepteryx, Felder, Reise Nov. pl. xeviii. fig. 10 (1868).

Chelepteryx felderi, Turner, Trans. Ent. Soc. 1904, p. 481.

Type, Victoria, in Coll. Rothschild; Lord Howe Island.

Genus GEPHYRONEURA, Turner, Trans. Ent. Soc. 1919, p. 417.

63. *Gephyroneura cosmia*.

Gephyroneura cosmia, Turner, Proc. Linn. Soc. N. S. Wales, 1921,
p. 189.

Type, ♂, Queensland, in Coll. Turner.

Genus MUNICHRYIA, Walker, xxxii. p. 395 (1862).

64. *Munichryia senicula*.

Munichryia senicula, Walker, *l. c.* p. 396.

Hypochromia nyssiata, Felder, Reise Nov. pl. lxxv. fig. 3 (1874).

Type, Moreton Bay, in B.M.; type, *nyssiata*, in Coll. Rothschild.

Species wrongly referred to the Family.

65. *Darala lineosa*, Walker, Trans. Ent. Soc. 1862, p. 269
(Eupterotidæ), not Australia, but Delagoa Bay; type,
in Mus. Oxon.

66. *Darala expansa*, Lucas, Proc. Linn. Soc. N. S. Wales,
1891, p. 286 (Eupterotidæ).

67. *Darala serranotata*, Lucas, *l. c.* p. 138 (Eupterotidæ,
genus *Cotana*).

Subfamily *LIPARINÆ*.

Genus *DENDROPHLEPS*, Hampson, *Moths of India*, i.
p. 491 (1892).

68. *Dendrophleps semihyalina*.

Dendrophleps semihyalina, Hampson, *l. c.*

Type, ♂, Khasia Hills, in B.M.

Genus *EUZORA*, Turner, *Proc. Roy. Soc. Queensland*,
xxvii. p. 492 (1915).

Caragola, Moore, *Lep. Atk.* p. 46 (1879) (*præocc.*).

Type, *costalis*, Moore.

69. *Euzora costalis*.

Caragola costalis, Moore, *l. c.* pl. ii. fig. 2.

Type, Sikkim, in Coll. Rothschild.

70. *Euzora collucens*.

Portheria collucens, Lucas, *Proc. Linn. Soc. N.S.W.* 1889, p. 1090.

Euzora collucens, Turner, *Proc. Linn. Soc. N.S.W.* xiv. (4) p. 492
(1920).

Type, Atherton, in Coll. Lucas; Brisbane.

71. *Euzora clara*.

Redoa clara, Walker, xxxii. p. 343 (1865).

Caviria clara, Hampson, *Moths of India*, i. p. 489 (1892).

Type, Sikkim, in B.M.; Khasia Hills.

72. *Euzora sericea*.

Stilpnolia sericea, Moore, *Lep. Atk.* p. 45 (1879); Leech, *Trans. Ent.*
Soc. 1899, p. 142.

Caviria sericea, Hampson, *l. c.* p. 490.

Type, Sikkim, in B.M.; Khasia Hills; W. China.

73. *Euzora kebea*.

Caragola kebea, Beth.-Baker, *Nov. Zool.* xv. p. 199 (1908).

Type, Mt. Kebea, N. Guinea, in Coll. Bethune-Baker.

74. *Euzora ochripes*.

Stilpnolia ochripes, Moore, *l. c.*

Type, Darjiling, in Coll. Rothschild; Chinn Hills, Khasia
Hills.

GENUS PENDRIA, Swinhoe, Ann. & Mag Nat. Hist. (7)
xvii. p. 540 (1906).

Type, *rinaria*, Moore.

75. *Pendria rinaria*.

Redoa rinaria, Moore, Cat. Lep. E. I. Co. ii. p. 336 (1859).

Leucoma margaritacea, Snellen, Tijds. v. Ent. xxix. p. 35, pl. i. figs. 2,
2 a (1886).

Arctornis snelleni, Kirby, Cat. Moths, i. p. 432 (1892).

Pendria rinaria, Swinhoe, l. c.

Type, Java, in B.M. ; type, *margaritacea*, Sumatra, in
Coll. Snellen.

76. *Pendria rotundata*.

Pendria rotundata, Swinhoe, Ann. & Mag. Nat. Hist. (7) xviii. p. 405
(1906).

Type, ♂, Nias, in B.M.

77. *Pendria dica*.

Redoa dica, Swinhoe, Trans. Ent. Soc. 1891, p. 478 (note).

Caviria rinaria, Hmps. (part), Moths of India, i. p. 490 (1892).

Type, ♀, Khasia Hills, in B.M.

78. *Pendria impressa*.

Leucoma impressa, Snellen, Tijds. v. Ent. xx. p. 8, pl. i. fig. 1 (1877).

Type, Java, in coll. Snellen ; Sumatra.

79. *Pendria cygna*.

Caviria cygna, Moore, P. Z. S. 1877, p. 601

Type, Ceylon, in B.M. ; Nilgiris, Travancore.

GENUS STILPNOTIA, Westw. & Humphr. Brit. Moths,
i. p. 90 (1841).

Leucosia, Ramb. Cat. Lep. Andalusie, ii. p. 266 (1866) (note).

Charala, Moore, Trans. Ent. Soc. 1884, p. 359.

80. *Stilpnotia salicis*.

Bombyx salicis, Linn. Syst. Nat. i. p. 502 (1758).

Throughout Europe, Siberia, Tian Shan, also in the Arctic
region.

81. *Stilpnotia candida*.

Stilpnotia candida, Staud. Rom. Mem. Lep. vi. p. 308.

Ab. *sohesti*, Capr. Compt. Rend. Soc. E. Belg. xxi. p. 200.

E. Siberia, Urga, Amurland, Japan, Corea, China.

82. *Stilpnotia nigripennata*.

Stilpnotia nigripennata, Staud. Iris, xii. p. 338.

Ab. *nigrociliata*, Fuchs, Jahrb. Nass. Ver. lxvi. p. 71.

Ab. *rubicunda*, Strand, Schr. Nat. Ges. Danzig, N.F. x. p. 85.

Tian Shan, Germany, South Norway.

83. *Stilpnotia flavisulphurea*.

Leucoma flavisulphurea, Ersch. Hor. Soc. Ent. Ross. viii. p. 316 (1872).

Ferghana, Sarafshan district, Samarcand.

84. *Stilpnotia cretacea*.

Stilpnotia cretacea, Strand, Rebb. Cat. Pal. Lep. p. 117.

Tayk-kul.

85. *Stilpnotia ochropoda*.

Liparis ochropoda, Eversm. Bull. Mosc. xx. (2) p. 76, pl. v. figs. 1-3 (1847).

Dauria, S.E. Siberia, Ussuri District.

86. *Stilpnotia sartus*.

Ocneria sartus, Ersch. Fedchenko's Reise Lep. p. 36, pl. ii. fig. 32 (1874).

Turkestan, Sarafkan District, Ferghana, Issyk, Kul-Tianshe.

Genus *LEUCOMA*, Ill. Brit. Ent. Haust. ii. p. 64 (1829).

Laria, Schrank, Fauna Boica, ii. (2) pp. 147, 150 (1802) (præocc.).

87. *Leucoma cygna*.

Redoa cygna, Moore, P. Z. S. 1879, p. 401.

Redoa cymbicornis, Butler, Ill. Het. v. p. 48, pl. lxxxix. fig. 2, ♀ (1881).

Redoa nigricilia, Swinhoe, Trans. Ent. Soc. 1881, p. 478.

Laria l-nigrum, Leech, Trans. Ent. Soc. 1889, p. 127 (part.).

Type, ♀, India, in B.M.; types, *cymbicornis*, Sikkim; type, *nigricilia*, Khasia Hills: all in B.M. W. China.

88. *Leucoma connua*.

Ocinara connua, Hutton, Trans. Ent. Soc. 1865, p. 330.

Type, Mussuri, in B.M. ; Dhera-Dan, N. Burma.

Genus *REDOA*, Walker, iv. p. 826 (1855).

Homæomeria, Wallgrn. K. Vet.-Akad. Handl. (2) v. (4) p. 36 (1865).

Type, *submarginata*, Walker.

89. *Redoa submarginata*.

Redoa submarginata, Walker, *l. c.* ; Butler, Ill. Het. v. p. 18, pl. lxxxvi. fig. 3 (1881) ; Turner, Proc. Linn. Soc. N.S.W. xlv. (4) p. 492 (1920).

Redoa transiens, Walker, Trans. Linn. Soc. v. p. 128 (1862).

Leucoma hipparia, Swinhoe, Ann. & Mag. Nat. Hist. (6) xii. p. 214 (1893).

Type, Sylhet, in B.M. Type, *transiens*, Sarawak ; type, *hipparia*, Khasia Hills : both in B.M.

90. *Redoa maria*.

Redoa maria, Kirby, Ann. & Mag. Nat. Hist. (6) xviii. p. 383 (1896).

Type, Mtze, E. Africa, in B.M.

91. *Redoa flavicapilla*.

Leucoma flavicapilla, Wallgrn. Wien. ent. Mon. iv. p. 163 (1860).

Homæomeria flavicapilla, Wallgrn. K. Vet.-Akad. Handl. (2) v. (4) p. 36 (1865).

Caffraria.

92. *Redoa sericea*.

Redoa sericea, Kenrick, Trans. Ent. Soc. 1913, p. 599.

Type, ♂ ♀, Madagascar, in Coll. Kenrick.

93. *Redoa roseicoxa*.

Redoa roseicoxa, Kenrick, *l. c.* pl. xxxi. fig. 11.

Type, ♀, Madagascar, in Coll. Kenrick.

94. *Redoa costalis*.

Leucoma costalis, Swinhoe, Ann. & Mag. Nat. Hist. (7) xvii. p. 541 (1906).

Type, ♂, Uganda, in B.M.

95. *Redoa pruinosa*.

Leucoma pruinosa, Butler, Ann. & Mag. Nat. Hist. (5) iv. p. 236 (1879).

Arctornis pruinosa, Kirby, Cat. Moths, i. p. 433 (1892).

Type, ♀, Madagascar, in B.M.

96. *Redoa nitida*.

Leucoma nitida, Swinhoe, Trans. Ent. Soc. 1903, p. 379.

Types, ♂ ♀, Old Calabar, in B.M., Ogoe River, Sapele, Niger River. Gold Coast, all females.

97. *Redoa aurifrons*.

Euproctis aurifrons, Möschler, Abh. Senck. Ges. xv. p. 75, fig. 3 (1887).

Leucoma aurifrons, Swinhoe, l. c. p. 385 (note).

Aburi, Gold Coast.

98. *Redoa luteipes*.

Stilpnotia luteipes, Walker, iv. p. 843, ♀ (1855)

Homæomeria luteipes, Kirby, l. c. p. 437.

Leucoma luteipes, Swinhoe, l. c. p. 379 (note).

Redoa laba, Schaus & Clements, Lep. Sierra Leone, p. 25, pl. i. fig. 4, ♂ (1893).

Redoa ogovensis, Holland, Ent. News Phil. 1893, p. 63, pl. iii. figs. 12, 13.

Type, ♀, Sierra Leone, in B.M.; Old Calabar.

99. *Redoa tiphia*.

Leucoma tiphia, Swinhoe, l. c. p. 381.

Types, ♂ ♀, Nairobi Forest, Kikuyu, B.E. Africa, in B.M.

100. *Redoa usebia*.

Leucoma usebia, Swinhoe, l. c. p. 382.

Type, ♂, Nyassa, in B.M.

101. *Redoa crocipes*.

Cypra crocipes, Boisd. Faun. Madag. p. 87, pl. xii. fig. 2 (1833).

Madagascar.

102. *Redoa tivetensis*.

Leucoma tivetensis, Holland, Ent. Suppl. xxv. p. 93 (1895); Swinhoe, l. c. (note).

Antiphella telesilla, Druce, Ann. & Mag. Nat. Hist. (7) iii. p. 469 (1899).

Type, Kilimanjaro, in U.S. Nat. Mus. ; type, ♂, *tellisilla*, Zanzibar, in Coll. Joicey.

103. *Redoa gracillima*.

Leucoma gracillima, Holland, Ent. News Phil. 1893, p. 64, pl. iii. fig. 9.

Ogove River, Old Calabar.

104. *Redoa vata*.

Leucoma vata, Swinhoe, l. c.

Type, ♂, River Niger, Sapele, in B.M.

105. *Redoa nivosa*.

Leucoma nivosa, Walker, xxxii. p. 344, ♀ (1863) (described as ♂).

Type, ♀, Mt. Ophir, Malacca, in Mus. Oxon.

106. *Redoa niveata*.

Euproctis niveata, Walker, xxxii. p. 350, ♀ (described as ♂).

Type, ♀, Makiau, Celebes, in Mus. Oxon.

107. *Redoa intacta*.

Redoa intacta, Walker, xxxv. p. 1916, ♀ (1866) (described as ♂).

Type, ♀, N. Guinea, in Mus. Oxon.

108. *Redoa perfecta*.

Redoa perfecta, Walker, Journ. Linn. Soc. vi. p. 128 (1862).

Type, Sarawak, in Mus. Oxon ; Ké Island, Perak.

109. *Redoa flavescens*.

Redoa flavescens, Moore, P. Z. S. 1877, p. 600.

Redoa sericea, Moore, l. c.

Both types, Andamans, in B.M.

110. *Redoa albifrons*.

Leucoma albifrons, Beth.-Baker, Ann. & Mag. Nat. Hist. (8) vii. p. 540 (1911).

Type, ♂, Oni, Lagos, in Mus. Oxon.

111. *Redoa albissima*.

Leucoma albissima, Beth.-Baker, *l. c.*

Types, ♂ ♀, N. Dalla, 2700 ft., in Coll. Bethune-Baker.

112. *Redoa thyridoptera*.

Leucoma thyridoptera, Hmps. Journ. Bombay Nat. Hist. Soc. xx. (1) p. 114, pl. E. fig. 5 (1910).

Type, ♀, Ceylon, in B.M.

113. *Redoa micacea*.

Redoa micacea, Walker, Journ. Linn. Soc. vi. p. 127 (1862).

Type, Borneo, in B.M. ; Java.

114. *Redoa egerina*.

Leucoma egerina, Swinhoe, Ann. & Mag. Nat. Hist. (6) xii. p. 214 (1893).

Type, Singapore, in B.M.

115. *Redoa marginalis*.

Redoa marginalis, Walker, Journ. Linn. Soc. vi. p. 128 (1862).

Type, Sarawak, in Mus. Oxon. ; Kuching, Singapore ; Ké Island ; Mt. Kelva, B. N. Guinea ; Philippines.

116. *Redoa moorei*.

Leucoma moorei, Leech, Trans. Ent. Soc. 1899, p. 143.

Redoa alba, Moore, Ann. & Mag. Nat. Hist. (4) xx. p. 32 (1877) (præocc.).

Type, China, in B.M. Type, *alba*, Shanghai, in B.M. ; Gensan, Ichang, Chang-Yang, Omeishan, Moupin, Wa-Shan.

117. *Redoa diaphana*.

Redoa diaphana, Moore, Lep. Atk. p. 46, no. 1051, ♂.

Redoa lactea, Moore, *l. c.* no. 153, ♀.

Both types, Darjiling, in B.M.

118. *Redoa minutissima*.

Leucoma minutissima, Swinhoe, Trans. Ent. Soc. 1903, p. 380.

Type, Sarawak, in B.M.

119. *Redoa acesta*.

Laria acesta, Snellen, Tijd. v. Ent. xxiv. p. 128 (1881).

Type, Luzon, Philippines, in Coll. Snellen.

120. *Redoa rufimarginata*.

Leucoma rufimarginata, Swinhoe, Trans. Ent. Soc. 1903, p. 383.

Types, ♂ ♀, Pulo Laut, in B.M.

121. *Redoa primula*.

Leucoma primula, Swinhoe, l. c.

Type, ♂ ♀, Sangir, in B.M.

122. *Redoa flora*.

Leucoma flora, Swinhoe, l. c.

Type, ♂, Pulo Laut, in B.M.

123. *Redoa discirufa*.

Leucoma discirufa, Swinhoe, l. c. p. 384.

Type, Pulo Laut, in B.M.

124. *Redoa lobipennis*.

Leucoma lobipennis, Swinhoe, Cat. Het. Mus. Oxon. i. p. 203 (1892).

Type, ♂, Dorey, in B.M.

125. *Redoa riguata*.

Leucoma riguata, Snellen, Deutsch. ent. Zeit., Lep. viii. p. 138 (1895).

Types, ♂ ♀, Deli, Sumatra, in Coll. Snellen.

126. *Redoa pulverulenta*.

Leucoma pulverulenta, Snellen, l. c.

Type, ♂, Deli, Sumatra, in Coll. Snellen.

127. *Redoa pellucida*.

Leucoma pellucida, Swinhoe, l. c. p. 381.

Type, Khasia Hills, in B.M.

128. *Redoa divisa*.

Euproctis divisa, Walker, iv. p. 836 (1855).

Leucoma divisa, Swinhoe, l. c. p. 380 (note).

Type, Sylhet, in B.M.

129. *Redoa silhetica*.

Penora silhetica, Walker, xxxii. p. 341 (1865).

Type, Sylhet, in B.M. ; Khasia Hills.

130. *Redoa semihyalina*.

Leucoma semihyalina, Swinhoe, Ann. & Mag. Nat. Hist. (7) xiv. p. 421 (1904).

Type, Padang, Sumatra, in B.M.

Genus *CARRIOLA*, nov.

Fore wing with the costa arched, apex slightly rounded, outer margin nearly straight to the hinder margin, which is rounded, cell very broad, vein 5 from above the lower angle, 6 from the upper angle, 7, 8, 9, and 10 stalked near apex; hind wing with the outer margin rounded; wing hyaline; antennæ slightly pectinated in both sexes. Abdomen of male slender, of female robust.

Type, *ecnomoda*, Swinhoe.

131. *Carriola ecnomoda*.

Leucoma ecnomoda, ♂, Swinhoe, Ann. & Mag. Nat. Hist. (7) xx. p. 77 (1907); ♀, Swinhoe, *l. c.* (8) xviii. p. 215 (1916).

Type, ♂, Padang, Sumatra, in B.M.; type, ♀, Padang, in Coll. Swinhoe.

132. *Carriola saturnioides*.

Lælia saturnioides, Snellen, Tijds. v. Ent. xxii. p. 105, pl. viii. figs. 7, 7a-e (1879).

Leucoma saturnioides, Swinhoe, Trans. Ent. Soc. 1903, p. 384 (note).

Type, Celebes, in Coll. Snellen. Singapore, Philippines.

133. *Carriola fenestrata*.

Leucoma fenestrata, Hmps. Moths of India, i. p. 489 (1892).

Macrauzata fenestrata, Hmps. Ill. Het. ix. p. 78, pl. clx. fig. 16 (1893).

Type, ♀, Ceylon, in B.M.

Genus *PSEUDARCTIA*, Beth.-Baker, Ann. & Mag. Nat. Hist. (8) vii. p. 540 (1911).

134. *Pseudarctia nivea*.

Pseudarctia nivea, Beth.-Baker, *l. c.*

Type, ♀, N'teli, Uganda, in Coll. Bethune-Baker.

Genus KANCHIA, Moore, Lep. Ceylon, ii. p. 92 (1883).

135. *Kanchia subvitrea*.

Leucoma subvitrea, Walker, xxxii. p. 344 (1865).

Kanchea subvitrea, Moore, l. c. p. 93, pl. cxiii. fig. 5 (1883).

Type, Bengal, in B.M.; Khasia Hills, Nilgiris, Ceylon, W. China.

Genus HEXANEURA, Wallgrn. Wien. ent. Mon.
iv. p. 164 (1860).

136. *Hexaneura cinnamomea*.

Hexaneura cinnamomea, Wallgrn. l. c.; Kirby, Cat. Moths, i. p. 433 (1892).

Caffraria.

137. *Hexaneura maculifera*.

Hexaneura maculifera, Wallgrn. l. c.; Kirby, l. c.

Caffraria.

Genus IVELA, Swinhoe, Trans. Ent. Soc. 1903, p. 388.

138. *Ivela auripes*.

Leucoma auripes, Butler, Ann. & Mag. Nat. Hist. (4) xx. p. 402 (1877); Butler, Ill. Het. ii. p. 9, pl. xxiv. fig. 1 (1878).

Ivela auripes, Swinhoe, l. c.

Type, Japan, in B.M.; Omeishan, W. China.

139. *Ivela eleuterioides*.

Cypra eleuterioides, Semper, Het. Philipp. iii. p. 476, pl. xiv. fig. 9, ♀ (1898).

Types, ♂ ♀, N.E. Luzon, in Coll. Semper.

Genus SITVIA, Walker, xxxii. p. 387 (1865).

Kettelia, Butler, Trans. Linn. Soc. (2) i. p. 560 (1879).

140. *Sitvia denudata*.

Sitvia denudata, Walker, l. c.

Kettelia lowii, Butler, l. c.

Type, Malacca, in Mus. Oxon.; type, *lowii*, Borneo, in B.M. Penang.

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141. *Sitvia keroli*.

Kettelia karoli, Semper, *l. c.* p. 475, pl. liv. fig. 10, ♀ (1898).

Types, ♂ ♀, N. Luzon and E. Mindanao, in Coll. Semper.

Genus CREAGRA, Wallgrn. K. Vet.-Akad. Handl. (2)
v. (4) p. 38 (1865).

142. *Creagra dealbata*.

Liparis dealbata, Herr.-Schäff. Ausser. Schmett. i. fig. 111 (1854).

Creagra dealbata, Wallgrn. *l. c.*

Lalia aliena, Wallgrn. Wien. ent. Mon. iv. p. 162 (1860).

S. Africa, Knysna.

143. *Creagra translucida*.

Leucoma translucida, Oberth. Ann. Mus. Genov. iv. p. 117, pl. i. fig. 6
(1880).

Creagra translucida, Kirby, Cat. Moths, i. p. 461 (1892).

Abyssinia.

144. *Creagra macrocera*.

Leucoma macrocera, Sharpe, Ann. & Mag. Nat. Hist. (6) v. p. 145
(1890).

Creagra macrocera, Kirby, *l. c.*

E. Africa.

145. *Creagra* (?) *albina*.

Leucoma albina, Plötz, Stett. ent. Zeit. xii. p. 84 (1880).

Creagra (?) *albina*, Kirby, *l. c.*

Bonjongo.

146. *Creagra* (?) *parva*.

Leucoma parva, Plötz, *l. c.*

Creagra (?) *parva*, Kirby, *l. c.*

Aburi.

Genus CALTURA, Moore, P. Z. S. 1879, p. 401.

147. *Caltura alba*.

Caltura alba, Moore, *l. c.*; Moore, Lep. Ceylon, ii. p. 98, pl. cxiv.
figs. 2 a, b (1882).

Type, Ceylon, in Mus. Dublin.

Genus ARUTA, nov.

Hind tibiæ without spurs, hind wing with veins 6 and 7 on a long stalk, palpi minute (Section iii. Hampson's 'Moths of India,' i. p. 493).

148. *Aruta flavipes*.

Cispia flavipes, Hampson's Moths of India, i. p. 493 (1892).

Type, ♀, Sikkim, in B.M.

Genus AXANA, nov.

Hind tibiæ with one pair of spurs, hind wing with veins 6 and 7 from cell (Section ii. Hampson's 'Moths of India,' i. p. 493).

149. *Axana puncticilia*.

Naxa puncticilia, Moore, P. Z. S. 1872, p. 575.

Cispia puncticilia, Hampson's Moths of India, i. p. 493 (1892).

Caltura puncticilia, Swinhoe, Cat. Het. Mus. Oxon. i. p. 204 (1892).

Types, ♂, Nilgiris, in Mus. Oxon.; both types are males, not male and female as stated by Moore.

Genus NAROMA, Walker, vii. p. 1744 (1856).

Hysibada, Walker, xxxii. p. 497 (1865).

Zarfa, Walker, Proc. N. H. Soc. Glasg. i. p. 338 (1869).

150. *Naroma signifera*.

Naroma signifera, Walker, l. c.

Hysibada varipes, Walker, xxxii. p. 498 (1865).

Zarfa lunifera, Walker, Proc. N. H. Soc. Glasg. i. p. 339.

Type, ♂, Sierra Leone; type, *varipes*, ♀, Natal; type, ♀, *lunifera*: all in B.M. Congo, Accra, Old Calabar, Uganda, Nigeria.

Genus HIMALA, Moore, Lep. Atk. p. 57 (1879).

151. *Himala argentea*.

Redoa argentea, Walker, iv. p. 827 (1855), ♂.

Himala argentea, Moore, l. c.; Butler, Ill. Het. v. p. 49, pl. lxxxix. fig. 6 (1881).

Dasychira ilita, Moore, Cat. Lep. E. I. Co. ii. p. 341 (1859), ♀.

Type, ♂, Kangra; type, ♀, Darjiling: both in B.M. Assam, Dalhousi, Dehra Dhun.

Genus *GAZALINA*, Walker, xxxii. p. 398 (1865).

Oligoclona, Felder, Reise Nov. pl. xciv. fig. 10 (1868).

152. *Gazalina apsara*.

Dasychira apsara, Moore, Cat. Lep. E. I. Co. ii. p. 341 (1859).

Type, N. India, in B.M.

152a. *Gazalina venosata*.

Gazalina venosata, Walker, l. c., ♂ ; Butler, Ill. Het. B.M. v. p. 49, pl. lxxxix. fig. 5 (1881).

Oligoclona nervosa, Felder, l. c. pl. xcv. fig. 8, ♀ (1868).

Type, ♂, Sikkim, in B.M. ; type, ♀, *nervosa*, N. India, in Coll. Rothschild.

153. *Gazalina chrysolopha*.

Liparis chrysolopha, Kollar, Hugel's Kash. iv. p. 470 (1844).

Dasychira antica, Walker, iv. p. 867 (1855).

Gazalina antica, Butler, Ill. Het. v. p. 49, pl. lxxxix. fig. 4 (1881).

Oligoclona chordigera, Felder, Reise Nov. pl. xciv. fig. 10 (1868).

Type, Kashmir ; type, *antica*, N. India, in B.M. ; type, *chordigera*, Darjiling, in Coll. Rothschild ; Dalhousie, Kangra, Sikkim, Washan, Chang-Yang, Kwei-chow.

154. *Gazalina transversa*.

Dasychira transversa, Moore, Lep. Atk. p. 47, pl. ii. fig. 22 (1879).

Gazalina transversa, Hampson, Moths of India, i. p. 469 (1892).

Type, Sikkim, in B.M.

155. *Gazalina intermixta*.

Gazalina intermixta, Swinhoe, Ann. & Mag. Nat. Hist. (7) vi. p. 306 (1900) ; Swinhoe, Trans. Ent. Soc. 1903, p. 389 (note).

Type, Jaintia Hills, in B.M. ; Khasia Hills.

Genus *STRACENA*, Swinhoe, l. c. p. 388.

156. *Stracena fuscivena*.

Stracena fuscivena, Swinhoe, l. c., ♀ ; Swinhoe, l. c. 1904, p. 144, ♂.

Type, ♂ ♀, River Niger, Sapele, in B.M. ; Ashanti, Old Calabar.

157. *Stracena promelena*.

Sulychra promelena, Holland, Ent. News Phil. iv. p. 61, pl. iii. fig. 11 (1893)

River Gaboon.

Genus SAPELIA, Swinhoe, *l. c.* p. 389.

158. *Sapelia limpida*.

Sapelia limpida, Swinhoe, *l. c.*

Types, ♂ ♀, River Niger, Sapele, in B.M.

159. *Sapelia flavipectus*.

Sapelia flavipectus, Swinhoe, Ann. & Mag. Nat. Hist. (7) xiv. p. 131 (1904).

Type, ♂, Ashanti; type, ♀, Sapele, River Niger: both in B.M.

Genus OLAPA, Walker, iv. p. 823 (1855).

Antiphella, Walker, vii. p. 1743 (1856).

160. *Olapa flabellaria*.

Phalæna flabellaria, Fabr. Mant. Ins. ii. p. 188 (1787).

Liparis crocicollis, Herr.-Schäffer, Aussereur. Schmett. i. fig. 110 (1854).

Olapa temperata, Walker, iv. p. 823.

Antiphella vecontia, Druce, Ann. & Mag. Nat. Hist. (7) iii. p. 469 (1899).

Type, *temperata*, S. Africa, in B.M.; type, *vecontia*, n coll. Joicey; Abyssinia, Knysna, Natal, Cape.

161. *Olapa argenna*.

Cypra argenna, Mab. Ann. Soc. Ent. France, lviii. p. 725 (1899).

Madagascar.

Genus OGOA, Walker, vii. p. 1763 (1856).

162. *Ogoa simplex*.

Ogoa simplex, Walker, vii. 1764.

Type, Natal, in B.M.

Genus CROPERA, Walker, iv. p. 825.

163. *Cropera testacea*.

Cropera testacea, Walker, iv. p. 826.

Type, Natal, in B.M.

164. *Cropera adspersa*.

Liparis adspersa, Herr.-Schäffer, Aussereur. Schmett. fig. 109 (1854).

Lælia proluxa, Wallgrn. Wien. ent. Mon. iv. p. 162 (1860).

Natal.

165. *Cropera fulvinotata*.

Olapa fulvinotata, Butler, P. Z. S. 1893, p. 678.

Type, Zomba, in B.M.

Genus *CROREMA*, Walker, iv. p. 811 (1855).

166. *Crorema mentiens*.

Crorema mentiens, Walker, l. c.

Cispia (?) *obliqua*, Walker, vii. p. 1734 (1856).

Euproctis ampla, Walker, xxxii. p. 346 (1865).

Type, Congo ; types, *obliqua* and *ampla*, Sierra Leone, all in B.M. ; Old Calabar, S. Nigeria, Gold Coast.

Genus *TOPOMESA*, Walker, xxxv. p. 1921 (1866).

167. *Topomesa subinans*.

Topomesa subinans, Walker, l. c.

Type, ♂, Java, in B.M. ; Borneo, Singapore, Tenasserim.

168. *Topomesa discolor*.

Topomesa discolor, Hmps. Moths of India, iv. p. 490 (1896).

Type, ♂, Ceylon, in B.M.

169. *Topomesa lerna*.

Topomesa lerna, Swinhoe, Ann. & Mag. Nat. Hist. (7) iii. p. 111 (1899).

Type, Karwar, S. India, in B.M.

170. *Topomesa* (?) *rutila*.

Bombyx rutila, Fabr. Mant. Ins. ii. p. 123 (1781).

Topomesa (?) *rutila*, Kirby, Cat. Moths, i. p. 919 (1892).

Siam.

Genus *COBANILLA*, Moore, Lep. Ceylon, ii. p. 120 (1883).

171. *Cobanilla marginata*.

Cobanilla marginata, Moore, l. c. p. 121, pl. cxxiv. fig. 4.

Type, ♂, Ceylon, in B.M.

172. *Cobanilla plumbacea*.

Cobanilla plumbacea, Swinhoe, Fasciculi Mayalensis, i. p. 62 (1903).

Type, ♂, Bukit Besar, Namgehik, in Mus. Oxon.

Genus OLIGERIA, Turner, Proc. Linn. Soc. N.S.W.
xlv. (4) p. 12 (1920).

173. *Oligeria hemicalla*.

Orgyia hemicalla, Lower, Trans. Roy. Soc. S. Australia, xxix. p. 176 (1905).

Oligeria hemicalla, Turner, *l. c.*

Type, Victoria, in coll. Lower; Melbourne.

Genus ANEPA, Swinhoe, Trans. Ent. Soc. 1903, p. 478.

Acyphas, Turner (nec Walker), *l. c.* p. 481 (note).

Turner says *Anepa* must sink to *Acyphas* because Kirby has fixed the type of *Acyphas* as *fulviceps*, Walker, but the type of *Acyphas* fixed by Walker himself is *viridescens*, which is a true *Orgyia* = *Dasychira* (*Orgyia* having precedence). It is a well-recognized fact that Walker's type is the first species described by him following the description of his genus; Hampson and others have always followed this ruling—it is absurd to suppose that anyone but the author himself can fix his type.

Type, *Acyphas fusca*, Walker.

174. *Anepa fulviceps*.

Charnidas fulviceps, Walker, iv. p. 797 (1855).

Acyphas fusca, Walker, iv. p. 798.

Type, ♂, Australia, in B.M.; Tasmania.

175. *Anepa chionitis*.

Euproctis chionitis, Turner, Trans. Roy. Soc. S. Australia, p. 177 (1902).

Acyphas chionitis, Turner, Proc. Linn. Soc. N.S.W. xlv. (4) p. 481 (1920).

Queensland, Stradbroke Isl., Adelaide, Waroona.

176. *Anepa leucomelas*.

Euproctis leucomelas, Walker, iv. p. 838 (1855).

Euproctis obsoleta, Walker (nec Fabr.), iv. p. 839.

Porthesia anacausta, Meyrick, Trans. Roy. Soc. S. Aust. xv. p. 193 (1891).

Porthesia hololeuca, Meyrick, *l. c.*

Acyphas leucomelas, Turner, Proc. Linn. Soc. N.S.W. xlv. (4) p. 481 (1920).

Melbourne, Gisborne, Mt. St. Bernard, Tasmania.

177. *Anepa amphideta*.

Euproctis amphideta, Turner, Trans. Roy. Soc. S. Aust. 1902, p. 177.

Acyphas amphideta, Turner, Trans. Linn. Soc. N.S.W. xlv. (4) p. 482 (1920).

N. Queensland.

178. *Anepa leptotypa*.*Euproctis leptotypa*, Turner, Trans. Ent. Soc. 1904, p. 475.*Acyphas leptotypa*, Turner, Trans. Linn. Soc. N.S.W. xlv. (4) p. 481.

Townsville, N. Queensland.

Genus *HABROPHYLLA*, Turner, *l. c.* p. 482.179. *Habrophylla eurygona*.*Euproctis eurygona*, Lower, Trans. Roy. Soc. S. Aust. xxvi. p. 213 (1902).*Habrophylla eurygona*, Turner, *l. c.*

Type, Queensland, in coll. Lower.

Genus *ARCTORNIS*, Germ. Gloss. Prodr. p. 18 (1810);
type, *chrysorrhæa*, Linn.*Euproctis*, Hübner, Verz. bek. Schmett. p. 193 (1818); type, *auriflua*, Schiff.*Porthesia*, Steph. Ill. Brit. Ent. Haust. ii. p. 66 (1829); type, *chryssorrhæa*, Esper.*Chionophasma*, Butler, Trans. Ent. Soc. 1886, p. 384; type, *paradoxa*, Butler.180. *Arctornis chrysorrhæa*.*Phalæna chrysorrhæa*, Linn. Syst. Nat. x. (1) p. 502 (1758).*Phalæna auriflua*, Fabr. Mant. Ins. p. 125 (1787).*Phalæna similis*, Fuessly, Verz. Schiner's Ins. p. 35 (1775).*Porthesia similis*, Strand, Seitz's Macrolep. ii. p. 134, pl. xxi. fig. 1 (1917).Ab. *Porthesia nyctea*, Gr. Grsh. Hor. Ent. Ross. xxv. p. 464.Ab. *trimaculata*, Strand, Seitz's Macrolep. ii. p. 134 (1917).Ab. *quadrinaculata*, Strand, *l. c.**Arctornis chrysorrhæa*, Rothschild, Nov. Zool. xxiv. p. 355 (1917).

Balkans, Armenia, Altai, Amurland, Corea, Japan, China, Italy.

181. *Arctornis melania*.*Porthesia melania*, Strand, in Seitz's Macrolep. ii. p. 134 (1917).Ab. *melanioides*, Strand, *l. c.*

Mesopotamia, Kurdistan, Asia Minor.

182. *Arctornis alba*.*Aroa alba*, Brem. Bull. Acad. Pet. iii. p. 478 (1861); Brem. Lep. Ost-Seb. p. 41, pl. iii. fig. 18 (1864).*Redoa sinensis*, Moore, Ann. & Mag. Nat. Hist. (4) xx. p. 92 (1877).*Leucorna alba*, Leech, Trans. Ent. Soc. 1899, p. 143.Ab. *depunctata*, Strand, in Seitz's Macrolep. ii. p. 123 (1917).Type, *sinensis*, Shanghai, in B.M.; Fusan.

183. *Arctornis rebeli*.

Porthesia rebeli, Haberh. Soc. Ent. xvii. p. 82; Strand, in Seitz's
Macrolep. ii. p. 134 (1917).

Slivno.

184. *Arctornis torasan*.

Euproctis torasan, Wileman, Trans. Ent. Soc. 1911, p. 272.

Porthesia torasan, Strand, l. c. p. 135, pl. xxiii. a.

185. *Arctornis tsingtaulca*.

Porthesia tsingtaulca, Strand, l. c. pl. xxiii. a.

Type, Tsingtau, in coll. Seitz.

186. *Arctornis virguncula*.

Euproctis virguncula, Walker, iv. p. 836 (1855).

Euproctis marginalis, Walker, vii. p. 173 (1856); Butler, Ill. Het. v.
p. 51, pl. lxxxix. fig. 12 (1880).

Both types, N. India, in B.M.

187. *Arctornis paradoxa*.

Chionophasma paradoxa, Butler, Trans. Ent. Soc. 1886, p. 385, pl. ix.
fig. 2, ♀.

Porthesia paradoxa, Turner, Proc. Linn. Soc. N.S.W. xli. (4) p. 478
(1920).

Porthesia panabra, Turner, Trans. Ent. Soc. S. Austr. 1902, p. 176.

Type, Queensland, in B.M.; Boudin Isl., Damma Isl.

188. *Arctornis galactopis*.

Porthesia galactopis, Turner, l. c.

Type, Queensland, in coll. Turner.

189. *Arctornis euthysana*.

Porthesia euthysana, Turner, l. c. p. 175.

Type, Queensland, in coll. Turner.

190. *Arctornis melanosoma*.

Porthesia melanosoma, Butler, Ann. & Mag. Nat. Hist. (5) ix. p. 87
(1882).

Porthesia mixta, Butler, l. c. p. 88.

Type, Melbourne; type, *mixta*, Tasmania: both in B.M.

191. *Arctornis fimbriata*.

Teara fimbriata, Lucas, Proc. Linn. Soc. N.S.W. 1891, p. 285.

Porthesia fimbriata, Turner, l. c. p. 176.

Type, Queensland, in coll. Lucas.

192. *Arctornis aliena*.

Porthesia aliena, Butler, Trans. Ent. Soc. 1886, p. 386.

Type, Peak Downs, in B.M.

193. *Arctornis semiochrea*.

Porthesia semiochrea, Herr.-Schäff. *l. c.* fig. 390 (1855).

Leucoma semiochrea, Kirby, Cat. Moths, i. p. 445 (1892).

Australia.

194. *Arctornis falkensteini*.

Euproctis falkensteini, Dew. Verh. Leop. Car. Akad. xlii. p. 69 (1881).

Leucoma falkensteini, Kirby, *l. c.* p. 446.

Chinchow.

195. *Arctornis nigrifrons*.

Porthesia nigrifrons, Swinhoe, Trans. Ent. Soc. 1903, p. 393.

Type, Kikuyu, Africa, in B.M.

196. *Arctornis producta*.

Euproctis producta, Walker, P. Z. S. 1863, p. 168.

Porthesia depauperata, Mab. Comptes Rend. Soc. Ent. Belg. xxiii. p. xvii (1880).

Type, Madagascar, in B.M.; Dar-es-Salam, E. Africa.

197. *Arctornis putilla*.

Euproctis putilla, Saalm, Lep. Madg. p. 184 (1884).

Leucoma putilla, Kirby, Cat. Moths, i. p. 446 (1892).

Nossi-Bé.

198. *Arctornis l-nigrum*.

Bombyx l-nigrum, Müll. Faun. Fride, p. 40 (1764).

Bombyx c-nigrum, Fabr. Syst. Ent. p. 577 (1775).

Japan, Tokio, Sweden, Denmark, E. Europe, Armenia, Amurland.

199. *Arctornis acatharta*.

Porthesia acatharta, Turner, Trans. Roy. Soc. S. Austr. p. 124 (1896).

N. Australia, Port Darwin, Cairns.

200. *Arctornis xuthoptera*.

Porthesia xuthoptera, Turner, Proc. Linn. Soc. N.S.W. xlv. (4) p. 479 (1920).

Kuranda, near Cairns, Stannary Hills.

201. *Arctornis pulvereæ*.

Porthesia pulvereæ, Hampson, Mon. Christmas Isl. p. 69, pl. ix, fig. 9 (1900).

Type in B.M.

202. *Arctornis irrorata*.

Euproctis irrorata, Moore, Cat. Lep. E. I. Co. ii. p. 347 (1859).

Type, ♀, Java, in B.M.

203. *Arctornis xanthorrhœa*.

Liparis xanthorrhœa, Kollar, Hugel's Kasch. p. 470 (1844).

Euproctis subdita, Moore, P. Z. S. 1879, p. 400.

Euproctis subnigra, Moore, Lep. Atk. p. 48 (1879).

Type, *subdita*, Ceylon; type, *subnigra*, Khasia Hills: both in B.M. Punjab, Sultanpore, Umballa, Kangra, Jawur Hills, Travancore.

204. *Arctornis flavonigra*.

Euproctis flavonigra, Moore, P. Z. S. 1879, p. 400, pl. xxxii. fig. 11, ♂.

Type, Nepal, in B.M.; Solon, Simla, in my coll.

205. *Arctornis fulvonigra*.

Porthesia fulvonigra, Swinhoe, Trans. Ent. Soc. 1903, p. 395.

Types, ♂ ♀, Guadalcanar Isl., Solomons, in B.M.

206. *Arctornis aurantiaca*.

Porthesia aurantiaca, Hampson, Moths of India, i. p. 455 (1892).

Type, Sikkim, in B.M.

207. *Arctornis stigmatifera*.

Porthesia stigmatifera, Hampson, Moths of India, iv., App. p. 491 (1896).

Type, ♀, Bhutan, in B.M.

208. *Arctornis gracilior*.

Porthesia gracilior, Pag. Jahrb. Miss. Ver. xxxix. p. 131 (1886).

Leucoma gracilior, Kirby, Cat. Moths, i. p. 445 (1892).

Aru.

209. *Arctornis trispila*.

Porthesia trispila, Turner, Proc. Linn. Soc. N.S.W. xlv. (4) p. 479 (1920).

Kuranda.

210. *Arctornis melambaphes*.

Porthesia melambaphes, Turner, *l. c.* p. 480.

Victoria, Ocean Grange, near Sale ; type in coll. Lyell.

211. *Arctornis lutea*.

Bombyx lutea, Fabr. Syst. Ent. p. 574 (1775).

Artaxa chrysophila, Walker, xxxii. p. 334 (1865).

Porthesia iobrota, Meyrick, Trans. Roy. Soc. S. Austr. 1891, p. 194.

Porthesia lutea, Swinhoe, Trans. Ent. Soc. 1903, p. 395 (note).

Type, ♀, in Banksia Cabinet, B.M. ; type, *chrysophila*, Australia, in B.M. ; Queensland, St. Aignan, Louisiade Isls., N. Guinea.

Genus *TOPOMESOIDES*, Strand, in Seitz's *Macrolep.*
ii. p. 133 (1912).

212. *Topomesoides jonasi*.

Aroa jonasi, Butler, Ann. & Mag. Nat. Hist. (4) xx. p. 402 (1877) ;

Butler, Ill. Het. ii. p. 10, pl. xxiii. fig. 11 (1878).

Topomesoides jonasi, Strand, *l. c.* p. 134.

Ab. gigantea, Strand, *l. c.*

Type, ♂, Japan, in B.M.

Genus *NYGMIA*, Hübner, Verz. bek. Schmett. p. 193
(1818) ; type, *phæorrhæa*, Don.

Urocoma, Herr.-Schäff. Aussereur. Schmett. i. p. 82 (1855) ; type, *limbalis*, Herr.-Schäff.

Lacipa, Walker, iv. p. 790 (1855) ; type, *Liparis picta*, Boisd.

Artaxa, Walker, iv. p. 798 ; type, *guttata*, Walker.

Antipha, Walker, iv. p. 806 ; type, *costalis*, Walker.

Dulichia, Walker, iv. p. 809 ; type, *fasciata*, Walker.

Lopera, Walker, iv. p. 919 ; type, *squamosa*, Walker.

Arua, Walker, v. p. 1176 (1855) ; type, *apicalis*, Walker.

Somena, Walker, vii. p. 1734 (1855) ; type, *scintillans*.

Utidava, Walker, xxvi. p. 1689 (1862) ; type, *incomptaria*, Walker.

Cozola, Walker, xxxii. p. 390 (1865) ; type, *leucospila*, Walker.

Adlullia, Walker, xxxii. p. 394 ; type, *lunifera*, Walker.

Themaca, Walker, xxxii. p. 395 ; type, *comparata*, Walker.

Orvasca, Walker, xxxii. p. 502 ; type, *subnotata*, Walker.

Bembina, Walker, xxxii. p. 505 ; type, *apicalis*, Walker.

Microgymna, Wallgrn. K. Vet.-Akad. Handl. (2) v. (6) p. 38 (1865) ;
type, *Liparis picta*, Boisd.

Gogana, Walker, xxxv. p. 1920 (1866) ; type, *atrosquama*, Walker.

Chærotricha, Felder, Reise Nov. pl. xcvi., Erk. p. 3 (1868) ; type,
conspersa, Felder.

Terphothrix, Holland, Psyche, vi. p. 474 (1893) ; type, *lanaria*,
Holland.

213. *Nygmia phæorrhæa*.

Bombyx phæorrhæa, Don, Brit. Ins. x. pl. 555 (1801).

Var. *transiens*, Staud. Cat. Lep. Pal. Staud. & Rebel, p. 114 (1901).

Ab. *punctigera*, Trich. Corr. Nat. Ver. Riga, xli. p. 87.

Ab. *punctella*, Strand, in Seitz's Macrolep. ii. p. 135 (1912).

Ab. *nigrosignata*, Banderman, Ent. Zeit. xx. p. 97.

Ab. *flavescens*, Rebel, Berge's Schmitt-Buch. p. 116.

Ab. *abdominata*, Strand, in Seitz's Macrolep. ii. p. 135 (1912).

Scandinavia, Livland, Mauretania, Asia Minor, Armenia, Sarafshan District, Japan.

214. *Nygmia straminea*.

Euproctis straminea, Leech, Trans. Ent. Soc. 1899, p. 135; Strand, l. c. pl. xxiii. a.

Type, ♂, Chia-how-ho; type, ♀, Omeishan, in B.M.

215. *Nygmia niphonis*.

Chærotricha niphonis, Butler, Trans. Ent. Soc. 1881, p. 9.

Chærotricha squamosa, Butler, l. c.

Porthesia raddei, Staud. Rom. sur Lep. iii. p. 207, pl. xvii. fig. 3 (1887).

Euproctis raddei, Strand, l. c. pl. xxi. e, f, in Seitz's Macrolep. ii.

Types, ♂ ♀, Japan, in B.M.; Amur.

216. *Nygmia coreana*.

Euproctis coreana, Staud. Rom. sur Lep. vi. p. 311.

Corea.

217. *Nygmia piperita*.

Euproctis piperita, Oberth. Etud. d'Ent. v. p. 35.

Var. *snelleni*, Staud. Rom. Mem. Lep. iii. p. 207.

Euproctis piperita, Strand, l. c. pl. xxi. e.

Amurland, Japan, S. and W. China.

218. *Nygmia pulvereæ*.

Artaxa pulvereæ, Leech, P. Z. S. 1888, p. 623, pl. xxxi. fig. 5.

Types, ♂ ♀, Satsuma, in B.M.; Nagasaki, Loo-Choo Isl., Gensan, Kia-ting-fu.

219. *Nygmia conspersa*.

Artaxa conspersa, Butler, Cist. Ent. iii. p. 117 (1882).

Euproctis conspersa, Strand, l. c. pl. xxi. f.

Ab. *choka*, Strand, l. c.

Types, ♂ ♀, Japan, in B.M.

220. *Nygmia staudingeri*.

Chærotricha staudingeri, Leech, P. Z. S. 1888, p. 624, pl. xxxi. fig. 6.
Euproctis staudingeri, Strand, l. c. pl. xxi. f.

Types, ♂ ♀, Japan, in B.M.

221. *Nygmia latifascia*.

Euproctis latifascia, Walker, iv. p. 831 (1855), ♀; Strand, l. c. p. 137, pl. xxi. f.

Euproctis antica, Walker, iv. p. 835, ♂.

Euproctis abdominalis, Moore, P. Z. S. 1888, p. 398, ♂.

Ab. basiatra, Strand, l. c.

Types, ♂ ♀, *latifascia* and *antica*, Nepal; type, *postica*, N. India; type, *abdominalis*, Kangra: all in B.M. Sikkim, Bhutan.

222. *Nygmia flavinata*.

Artaxa flavinata, Walker, xxxii. p. 331 (1865).

Euproctis flavinata, Strand, l. c. pl. xxiii. a.

Type, Shanghai, in B.M.; Chusan, Ningpo, Sarawak, Moulmein, Nilgiris, Ceylon.

223. *Nygmia recurvata*.

Euproctis recurvata, Leech, Trans. Ent. Soc. 1899, p. 138; Strand, l. c. p. 138, pl. xxiii. c.

Type, ♂, Chang-Yang, in B.M.

224. *Nygmia sulphurescens*.

Artaxa sulphurescens, Moore, P. Z. S. 1888, p. 399.

Euproctis sulphurescens, Strand, l. c. p. 137, pl. xxi. h.

Types, ♂ ♀, Kangra, in B.M.; Subathu, Dharmasala, Sultanpore, Sikkim.

225. *Nygmia montis*.

Artaxa montis, Leech, Entom. xxiii. p. 111 (1890).

Euproctis montis, Strand, l. c. pl. xxiii. a.

Type, ♂, Chang-Yang; type, ♀, Chia-kow-ho: both in B.M.

226. *Nygmia lunata*.

Euproctis lunata, Walker, iv. p. 837 (1855); Butler, Ill. Het. v. p. 50, pl. lxxxix. fig. 9 (1881); Strand, l. c. pl. xxi. g.

Types, ♂ ♀, N. India, in B.M.; Kashmir, Subathu, Kangra, Umballa, Poona, Madras.

227. *Nygmia cervina*.*Artaxa cervina*, Moore, Ann. & Mag. Nat. Hist. (4) xx. p. 345 (1877).*Euproctis cervina*, Strand, l. c. pl. xxiii. a.Var. *kashmirica*, Strand, l. c.

Type, Ceylon, in B.M.; Koni, Shan States, Kashmir.

228. *Nygmia vitellina*.*Liparis vitellina*, Kollar, Hügel's Kashmir, iv. p. 471 (1844).*Euproctis gamma*, Walker, vii. p. 1731 (1856).*Artaxa princeps*, Walker, xxvii. p. 331 (1865).*Themaca comparata*, Walker, xxxii. p. 395.*Euproctis vitellina*, Strand, l. c. pl. xxiii. a.

All Walker's types, N. India, in B.M.; Sikkim, Simla, Murree, Dalhousie, Dharmasala, Kangra, Sultanpore, Kashmir.

229. *Nygmia plana*.*Euproctis plana*, Walker, vii. p. 1731 (1856).*Chærotricha plana*, Butler, Ill. Het. v. p. 51, pl. lxxxix. fig. 13 (1881).*Euproctis discinota*, Moore, P. Z. S. 1877, p. 601.*Euproctis plana*, Strand, l. c. pl. xxi. g.Type, Darjiling; type, *discinota*, Andamans: both in B.M. Burma, Khasia Hills.230. *Nygmia icilia*.*Bombyx icilia*, Stoll, Suppl. Cramer, p. 158, pl. xxxv. fig. 5 (1791).*Chærotricha decussata*, Moore, Ann. & Mag. Nat. Hist. (4) xx. p. 347 (1877).*Euproctis icilia*, Strand, l. c. pl. xxii. g.Type, *decussata*, Ceylon, in B.M.; Bombay, Poona, Karwar, Travancore, Malabar.231. *Nygmia numensa*, nom. nov.*Pida albodentata*, Moore, P. Z. S. 1879, p. 401 (præocc.).

Type, ♀, N.W. Himalayas, in B.M.; Burma.

232. *Nygmia bipunctapex*.*Somena bipunctapex*, Hmps. Ill. Het. viii. p. 57, pl. cxi. fig. 13 (1891).*Euproctis bipunctapex*, Strand, l. c. pl. xxi. h.

Type, Nilgiris, in B.M.; Kangra, Kashmir, Burma, Khasia Hills, Singapore, China.

233. *Nygmia varians*.*Artaxa varians*, Walker, iv. p. 796 (1855).*Artaxa pygmæa*, Moore, Lep. Atk. p. 48 (1879) (præocc.).*Artaxa pusilla*, Moore, Lep. Ceylon, ii. p. 86, pl. cxii. fig. 4 (1883).

All types, in B.M., common in many parts of India, Ceylon, and China; Formosa.

234. *Nygmia argentata*.

Euproctis argentata, Leech, Trans. Ent. Soc. 1899, p. 139; Strand, l. c. pl. xxiii. b.

Type, ♂, Japan, in B.M.

235. *Nygmia fasciata*.

Dulichia fasciata, Walker, iv. p. 809 (1855).

Artaxa squamiplaga, Walker, Proc. Nat. Hist. Soc. Glasgow, i. p. 338 (1869).

Euproctis susanna, Staud. Iris, vii. p. 258, pl. ix. fig. 9 (1894); Strand, l. c. pl. xxi. c.

Euproctis torrida, ♂, Distant, Ann. & Mag. Nat. Hist. (6) xx. p. 202 (1897).

Euproctis stellata, ♀, Distant, l. c.

Euproctis fasciata, var. *ampla*, Beth.-Baker, Ann. & Mag. Nat. Hist. (8) vii. p. 543 (1911).

Type, Sierra Leone; type, *squamiplaga*: both in B.M. Type, *susanna*, in Berlin Mus.; types, *torrida* and *stellata*, in coll. Distant; type, *ampla*, near Dalla Tondo, in coll. Beth.-Baker. Natal, Zululand, Old Calabar, Aden, Palestine.

236. *Nygmia chinensis*, nom. nov.

Euproctis unipuncta, Leech, Trans. Ent. Soc. 1899, p. 136 (præocc.); Strand, l. c. p. 138, pl. xxiii. b.

Types, ♂ ♀, W. China, in B.M.

237. *Nygmia digramma*.

Bombyx digramma, Guérin, Icon. R. Anim. Ins. p. 508, pl. lxxxvi. fig. 4 (1830).

Artaxa unimacula, Moore, P. Z. S. 1879, p. 399.

Type, *unimacula*, Khasia Hills, in B.M.; Nepal, Hongkong, Bhutan, Shan States, Burma, Sumatra, Java, Ceylon.

238. *Nygmia sastra*.

Artaxa sastra, Moore, Cat. Lep. E. I. Co. ii. p. 351 (1859).

Type, ♂, Java, in B.M.

239. *Nygmia incommoda*.

Artaxa incommoda, Butler, Cist. Ent. iii. p. 11 (1882).

Type, ♂, Madagascar, in B.M.

240. *Nygmia commutanda*.

Euproctis commutanda, Swinhoe, Trans. Ent. Soc. 1903, p. 412.

Aroa immaculata, Butler, Ann. & Mag. Nat. Hist. (5) x. p. 227 (1882) (præocc.).

Type, Duke of York Island, in B.M.

[To be continued.]



Swinhoe, Charles. 1922. "A revision of the genera of the family Liparidae." *The Annals and magazine of natural history; zoology, botany, and geology* 10, 449–484.

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