

3. On Walker's American Types of Lepidoptera in the Oxford University Museum. By W. SCHLAUS, F.Z.S.

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The following notes on Walker's American types in the Oxford University Museum are to be followed by others, wherein the complete synonymy will be given of many of the species, and references will also be made to those species which as yet remain unidentified. My special thanks are due to Prof. E. B. Poulton, F.R.S., for the trouble he took in selecting the American Moths from the Hope Collection, and sending them family by family to the British Museum to be compared with the collections there and with my own collection; and to Mr. G. F. Hampson for his untiring kindness and assistance. Those species marked with an asterisk are represented in my own collection; those of which I do not possess specimens, and which are not in the British Museum either, have been figured in duplicate, one set of figures being placed in the Entomological Department of that Museum. The species described by Walker in parts 27-30 of his Catalogue, and in the corresponding portions of the Supplement, as being in "Coll. Saunders" never formed part of the Hope Collection of the Oxford Museum, but have lately been purchased by the British Museum, where the types are now to be found.

The references given refer to Walker's 'List of the Specimens of Lepidopterous Insects in the Collection of the British Museum.'

VOL. III.

P. 775. **Norape puella* described from the Fry coll. is now in the Saunders coll., and is the same as *Archylus pectoralis*, Walk.

VOL. IV.

P. 801. *Sarsina purpurascens*. I have not yet been able to find the type.

P. 895. **Darala falcata* = *Lonomia submacula*, Walk.

P. 957. *Isychagrapta floccosa*. Not identified.

VOL. V.

P. 1046. **Naprepa camelinoides* is a distinct species belonging to the Notodontidæ.

P. 1115. *Laruma heterogenea* is a distinct species, the genus being the same as *Hydris*.

P. 1152. *Nesara apicalis* belongs to the genus *Ocha*, Walk.

P. 1155. **Pamea excavata* and *Pamea notata* are the sexes of one species.

P. 1155. **Pamea vittata* belongs to the genus *Carthara*, Walk.

P. 1170. *Rosema deolis* is not Cramer's species, and I therefore propose the name of *R. walkeri* for it; the species is well described by Walker.

VOL. V. (continued).

- P. 1176. **Tepilia biluna* is the same as *Phecada confinis*, Walk.
 P. 1195. **Lonomia abbigutta* is a well-known species, but will no doubt sink as a synonym of one of Cramer's species.

VOL. VI.

- P. 1264. *Tropæa dictynna*. Evidently a distinct species and not a mere var. of *T. luna*.
 P. 1300. **Hyperchiria memusæ*. A good species allied to *H. leucane*, Hbn.
 P. 1301. **Hyperchiria cinerea*. The ♀ of *H. janeira*, Westwood.
 P. 1301. *Hyperchiria pyrromelas* is a good species.
 P. 1303. **Hyperchiria submacula* has been redescribed by Boisduval as *H. dioxippus*.
 P. 1313. **Hyperchiria vagans* is a species of *Dirphia*.
 P. 1326. *Rhescynthis meander*. This is well figured by Maassen and Weymer.
 P. 1329. **Dysdæmonia glaucescens*. A distinct species.
 P. 1338. *Mimallo plana* belongs to the genus *Perophora*.
 P. 1364. **Dirphia multicolor* is a distinct and well-known species.
 P. 1402. **Hydrias albidifascia*. A distinct species.
 P. 1402. **Hydrias plana*. A distinct species.
 P. 1403. *Hydrias confusa*. The type is the only specimen I have seen of this species.
 P. 1507. *Hydrias tenebrosa*. Not identified.

VOL. VII.

- P. 1598. *Seryda cincta*. Not identified.
 P. 1601. *Pseudomya consolata* belongs to the genus *Lamochuris*.
 P. 1602. *Pseudomya desperata*. Closely allied to *P. tipulina*, Hübn.
 P. 1602. *Gymnelia bijuncta*. Subsequently described by Walker as *G. consociata*.
 P. 1603. *Gymnelia simplex*. A distinct species.
 P. 1603. **Gymnelia xanthocera*. A distinct species.
 P. 1604. *Isanthrene odyneroides* is a species of *Erruca*.
 P. 1606. *Pætilosoma sperans* belongs to the genus *Marissa*.
 P. 1606. *Pætilosoma insperata* also belongs to the genus *Marissa*.
 P. 1607. *Pætilosoma gaudens* belongs to the genus *Dycladia*.
 P. 1608. **Lagaria acuminata*. Redescribed and figured by Schaus in Lep. Am. as *Gartha dalsæ*.
 P. 1609. *Lamocharis contracta* belongs to the genus *Erruca*.
 P. 1610. *Ilipa tenthredoides*. Also in B. M.
 P. 1611. *Ilipa scita*=*S. hilaris*, Walk., in B. M.
 P. 1613. *Cosmoscma marginatum* is a distinct species.
 P. 1615. **Eurata transiens*=*Dycladia lucetius*, Cr.
 P. 1617. **Eunomia vacillans* is a good species.
 P. 1617. **Eunomia abdominulis*=*Corenatura chrysoogastra*, Perty.
 P. 1618. *Eunomia separata*. Not identified.
 P. 1619. *Pseudosphex consobrina*. Also in B. M.
 P. 1619. *Pseudosphex cognata*=*Ps. fasciolata*, Butl., in B. M.
 P. 1620. *Myrmecopsis opaca*=*Ps. vespa*, H.-S., fig. 426.

VOL. VII. (continued).

- P. 1627. *Calonota perspicua*. A distinct species.
 P. 1628. *Calonota interrupta*. Allied to the preceding.
 P. 1629. **Pampa acuminata*. Redescribed and figured by Schauss in Lep. Am. as *Sychesia hartmanni*.
 P. 1629. *Pampa fusiformis*=*Scepsis trifasciata*, Butl., in B. M.
 P. 1634. **Automolis angulosa*=*A. flavicinctus*, H.-S.
 P. 1635. *Automolis saturata*. Figured by Felder in the 'Reise d. Novara,' t. cii. f. 5, as *A. preterata*.
 P. 1635. *Automolis basalis*. A distinct species.
 P. 1636. **Automolis chrysomelas*=*A. geometrica*, Feld.
 P. 1636. **Automolis leucomela*. Figured in the 'Biologia Centr.-Amer.' by Druce as *Pterygopterus superba*.
 P. 1638. **Automolis reducta*=*Sutonocra incertus*, H.-S.
 P. 1638. *Eucerea rhodophila*. A distinct species.
 P. 1639. **Eucerea latifascia*=*E. archius*, Stoll.
 P. 1639. *Eucerea mitigata*=*E. reticulata*, Butl., in B. M.
 P. 1640. **Euceu albiceps*. Gen. nov., allied to *Pseudapnistosis*, Mösch.
 P. 1640. **Eucerea discolor*. A very distinct species.
 P. 1644. *Conoprium divisum*. Also in B. M.
 P. 1645. **Josia mitis*. Also in B. M.
 P. 1647. **Scea puella*. Belongs to the *Chrysauginae*, and was described by Warren as *Senniominu albipicalis*.
 P. 1647. *Scea infans*. A good species.
 P. 1648. *Ephialtias simplex*=*E. abrupta*, Hübn.
 P. 1649. *Leucopsumis guttipalpis*. A distinct species.
 P. 1650. *Corydalla cryptoleuca*. A distinct species.
 P. 1651. *Euagra discalis*. A distinct species.
 P. 1652. *Agyrta secta* is a Pyralid=*Eritusa dioptalis*, Walk.=*E. pseudaxo*, Feld.
 P. 1652. *Agyrta nana*. A distinct species.
 P. 1654. *Pericopsis larvata*. A good species.
 P. 1655. *Pericopsis disjuncta*. Not identified.
 P. 1656. *Lyces plagifera*. A distinct species.
 P. 1657. *Lyces albiventris* belongs to the genus *Flavinia*, Walk.
 P. 1657. *Flavinia fusifera*. Also in B. M.
 P. 1659. *Avela diversa*. Not identified.
 P. 1661. **Caralisa editha*. Genus allied to *Charidea*.
 P. 1661. **Sanyala beata*. A well-known species.
 P. 1662. *Melanchroia subvittata*=*Rhosus posticus*, Walk.
 P. 1663. *Arina obtusa*. A distinct species.
 P. 1677. *Phaeochlæna quadricolor*. A distinct species.
 P. 1678. **Spiris nigrilinea*. A distinct species.
 P. 1679. **Pagara venosa*=*Agoræa longicornis*, H.-S.
 P. 1693. **Daritis marginalis*=*Pericopsis lycaste*, Klug.
 P. 1698. **Isia intricata*. Genus allied to *Epantheria*.
 P. 1701. **Pitheca ferruginea*. Genus allied to *Phægoptera*.
 P. 1702. *Aloa lanceolata*. Gen. nov., allied to *Ilalisdota*.
 P. 1704. *Amastus mesorhoda*. A distinct species.

VOL. VII. (continued).

- P. 1704. **Opharus basalis*. A distinct species.
 P. 1705. *Halesidota flavescens*. Genus allied to *Idalus*.
 P. 1706. **Halesidota apicalis*. A good species.
 P. 1706. *Halesidota discalis*. Not identified.
 P. 1706. *Halesidota catenata*=*Phæoptera flavopunctata*, Walk.
 P. 1707. *Halesidota corticea*. Not identified.
 P. 1707. **Halesidota semivaria*. Gen. nov.
 P. 1707. **Halesidota basipennis*=*Phæoptera subtilis*, Butl.=
Sychesia fimbria, Mösch.
 P. 1708. *Halesidota semirufa*. A good species.
 P. 1708. **Halesidota antica*. Belongs to the genus *Euchetes*.
 P. 1709. **Halesidota niveigutta*. A distinct species.
 P. 1709. **Halesidota binotata*, gen. nov. This species was
 described by Boisduval as *Phæg. cinnamomea*.
 P. 1709. **Halesidota disciplaga*. Redescribed by Walker as *H.*
breviuscula.
 P. 1710. **Halesidota cingulata*. Belongs to the genus *Mæceras*.
 P. 1710. **Ambryllis neurophylla*. Redescribed and figured by
 Dognin as *Epantheria hebona*.
 P. 1712. **Minara pardalina*=*Drymonia histrionica*, H.-S.
 P. 1714. **Podalia vesta*=*Megalopyge orsilochus*, Cr.
 P. 1726. *Eloria mæsta*. A distinct species.
 P. 1727. *Eloria lucida*. Also in B. M.
 P. 1728. **Simena luctifera*. A well-known Geometrid.
 P. 1737. **Colabata lineosa*=*Andriasa marginalis*, Walk.
 P. 1749. *Notodonta plagiata*. Not identified.
 P. 1761. *Candyba punctata*. A distinct species.

VOL. VIII.

- P. 47. *Ægeria buprestiformis*. A good species.
 P. 55. *Ægeria panisciformis*. A good species.
 P. 55. *Ægeria blaciformis*=*Sesia æquatus*, Walk., in B. M.
 P. 115. *Enys prominens*. Figured by Felder in the 'Reise d.
 Novara,' t. lxxxii. f. 5, as *T. smerinthoides*.
 P. 190. **Pachylia inconspicua*=*P. resumens*, Walk.
 P. 197. **Oryba robusta*=*O. achemenides*, Cr.
 P. 233. **Lapara bombycoides*=*Ellema harrisii*, Clem.

NOCTUIDÆ.

VOL. IX.

- P. 61. **Acronycta declarata*=*Mamestra adjuncta*, Bdv.
 P. 195. **Prodenia latifuscia*=*Prodenia variolosa*, Wlk.
 P. 235. **Mimemstra crista*=*M. obscurus*, Dogn. = *M. infernalis*,
 Schs.

VOL. X.

- P. 268. **Celæna plagiata* belongs to the genus *Perigea*.
 P. 269. **Celæna expuncta* belongs to the genus *Oligia*.
 P. 401. **Graphiphora maja*=*Noctua major*, Gn.
 P. 430. **Tenioampa subsocia*. A distinct species.

VOL. XI.

- P. 588. *Hadena subjecta*. A distinct species.
 P. 606. *Casandria emittens*. Not identified.
 P. 629. **Xylina bipunctata*. A good species.
 P. 737. *Agrotis emittens* belongs to the genus *Acanthodica*, Schs.
 P. 739. *Agrotis hirtipalpis*. A distinct species.

VOL. XII.

- P. 787. *Acontia decisa*. Not identified.
 P. 819. **Xanthoptera aurifera*. A distinct species.
 P. 819. **Xanthoptera furcatus*. A distinct species.
 P. 848. **Palindia punctangulata* = *P. alabastraria*, Hübn.
 P. 917. **Plusia admonens* = *P. basigera*, Walk.
 P. 977. *Lymphortha unilinea*. Not identified.

VOL. XIII.

- P. 1007. *Scædisa designans*. Not identified.
 P. 1034. **Chabuata ampla*. A good genus and species.
 P. 1058. **Homoptera configurata*. A distinct species.
 P. 1094. **Cænipeta illustrans* = *C. suttea*, Gn.
 P. 1094. *Cænipeta abscondens*. Not identified.
 P. 1132. *Stictoptera subaurata*. Also in B. M.
 P. 1171. *Coronta surrepens* = *Melipotis strigifera*, Walk.
 P. 1231. *Graphigona antica*. Not identified.

VOL. XIV.

- P. 1251. *Brujas basicincta* = *Ramphia evinga*, Gn.
 P. 1255. **Brujas laticincta* = *Letis magna*, Gmel.
 P. 1271. **Letis implens* = *Letis cortex* ♀, Gn.
 P. 1273. **Letis integra* = *Letis cortex* ♂, Gn. The type of *L. integra* is now in the B. M.
 P. 1274. **Letis albicans*. The type of this species is also in the B. M.; it is in very poor condition, but represents, I believe, a very distinct species, of which I possess several perfect specimens.
 P. 1284. **Latebraria quadriplaga* = *R. evinga* ♂, Gn.
 P. 1323. *Hypopyra configurans*. Not identified.
 P. 1472. **Poaphila revoluta* = *Hypena scabra*, Fabr.

VOL. XV.

- P. 1555. *Orthogramma perseverans*. A distinct species.
 P. 1568. **Thermesia signans* = *Azeta uncas*, Gn.
 P. 1569. *Thermesia tripunctifera* = *O. perseverans*, Walk.
 P. 1572. **Thermesia lenis* = *Epidromia pannosa*, Gn.
 P. 1584. *Selenis unans*. Not identified.
 P. 1620. *Hypernaria integrans* = *H. augusta*, Cr.
 P. 1620. *Hypernaria interponens* = *H. augusta*, Cr.
 P. 1629. **Plaxia fulcigera*. A distinct species.
 P. 1632. *Palyra metagona* = *Galapha sublineata*, Walk.
 P. 1640. *Edyma significans*. Genus allied to *Thermesia*.
 P. 1642. *Pessida interlineata*. Not identified.
 P. 1644. **Ausava triplaga*. A good genus and species.

VOL. XV. (continued).

- P. 1646. **Cymatophora temperans* = *Orthodes infirma*, Gn.
 P. 1647. **Bryophila expetita*. A distinct species.
 P. 1653. *Molynia humeralis* = *Oroatis signata*, Butl., in B. M.
 P. 1657. *Eragisa lanifera*. A Notodont allied to the genus
Elymiotis.
 P. 1659. **Leucania cinereicollis*. A distinct species.
 P. 1663. **Alpesa villicosta*. Also in B. M.
 P. 1669. **Egabra certissima* = *Azelina hædularia*, Gn., a Geometer.
 P. 1669. **Bacula chromatophila* = *Dyops ocellata*, Cr.
 P. 1677. **Laphygma congressa* = *Dantona discerpta*, Walk.
 P. 1677. **Laphygma trientiplaga* = *Oligia expuncta*, Walk.
 P. 1685. **Mamestra dentistrigata* belongs to the genus *Perigea*, Gn.
 P. 1687. *Celæna inquieta*. A distinct species.
 P. 1690. *Celæna tetera*. A distinct species.
 P. 1690. **Celæna subobliqua*. A distinct species.
 P. 1694. *Caradrina distans* = *Celæna inquieta*, Walk.
 P. 1694. **Caradrina laphygmoides* = *Perigea concisa*, Walk.
 P. 1699. **Agrotis interferens*. A distinct species.
 P. 1711. **Cirrædia satellifera* = *Anomis exaggerata*, Gn.
 P. 1714. **Dianthæcia eros*. Also in B. M.
 P. 1718. **Valeria anguliplaga*. A distinct species.
 P. 1719. **Angitia directa*. A distinct species.
 P. 1725. **Hadena vacillans* = *Perigea fidelia*, Druce, figured in
 'Biol. Centr.-Amer.'
 P. 1726. **Hadena pennitarsis* = *H. tessellata*, Sepp.
 P. 1730. **Acroria villipes* = *Daryida niphanda*, Druce, figured in
 'Biol. Centr.-Amer.'
 P. 1731. *Lithomia buddhw.* A distinct species.
 P. 1733. **Xylina patefacta*. A good species.
 P. 1742. **Nesia mæsta*. A distinct species.
 P. 1742. **Nystalea æquipars* = *N. seminivea*, Walk.
 P. 1754. *Pastona rudis*. A good genus and species.
 P. 1767. *Palindia spectabilis* = *P. perlata*, Gn.
 P. 1768. *Palindia cæruleilinea*. Also in B. M.
 P. 1773. **Agraga fimbripes*. A good genus and species.
 P. 1774. **Penicillaria abscondens*. Well figured in the 'Biologia
 Centr.-Amer.'
 P. 1782. **Abrostola interrumpens* = *Edema nana*, Walk.
 P. 1784. **Adrana pseudopsis* = *Ingura fuscescens*, Walk.
 P. 1785. **Plusia intracta* = *P. basigera*, Walk.
 P. 1788. *Thyria aurifundens*. A distinct species.
 P. 1790. **Gonodonta ditissima*. A good species.
 P. 1793. **Cosmophila punctifera* = *Gonitis editrix*, Gn.
 P. 1796. **Selambina trajiciens*. Also in B. M.
 P. 1799. **Homoptera separabilis* belongs to the genus *Campometra*.
 P. 1799. **Homoptera hadenoides* belongs to the genus *Nænia*.
 P. 1800. **Homoptera stipatura* belongs to the genus *Phosphila*.
 P. 1800. *Homoptera indecidens* belongs to the genus *Homopyralis*
 P. 1814. *Stiberu hostilis*. Not identified.

VOL. XV. (continued).

- P. 1819. *Letis discopalina*. New genus near *Homoptera*.
 P. 1844. **Phurys asseverans*. A good species.
 P. 1845. **Onoba trogonoides* = *Baniana polli*, Feld.
 P. 1846. **Phuphena fusipennis* = *Perigea* ? *trilinea*, Schs.
 P. 1851. *Escua extollens*. Belongs to the *Thermesiidæ*.
 P. 1852. *Cærvania clandestina*. A Deltoid.
 P. 1856. *Amphigonis postponens*. Also in B. M.
 P. 1856. **Thermesia imitatura* belongs to the genus *Physula*.
 P. 1857. *Thermesia bigutta*. A distinct species.
 P. 1857. *Obucola expansens* belongs to the genus *Peosina*, Gn.
 P. 1858. *Cupnodes extima*. A distinct species.
 P. 1859. *Donacesa miricornis*. Allied to *Orthogramma*, Gn.
 P. 1860. **Hypernaria discessura*. A distinct species.

DELTOIDÆ and PYRALIDÆ.

VOL. XVI.

- P. 80. **Hyppena acclinalis* = *Hyppena anicina*, Druce, Biol. Centr.-Amer., Het. i. p. 434 (tab. xxxv. fig. 13).
 P. 81. **Hyppena mæstalis* belongs to the genus *Rejectaria*, Gn., and is allied to *R. cocytalis*, Gn.
 P. 81. **Hyppena hastatalis*. Subsequently described by Walker as *Crymona receptalis*, Trans. Ent. Soc. Lond. 3rd ser. i. p. 117. The species will stand as *Crymona hastatalis*.
 P. 186. **Bocana orionalis* = *Simplicia tibialis*, Felder, 'Reise d. Novara,' t. cxx. fig. 43.
 P. 190. *Ipnea erebusalis* belongs to the genus *Ceromacra*, Gn., of the *Focillinae*.
 P. 242. **Bleptina proliferalis*. A distinct species.
 P. 251. *Galanda hebrusalis*. A good species belonging to the *Hypenidæ*.

VOL. XVII.

- P. 438. **Cataclysta* ? *pegasalis* belongs to the genus *Dicymolomia*, and was redescribed by Walker as *C. principalis*, Cat. Het. B. M. vol. xxxiv. p. 1333.
 P. 442. *Cataclysta pantheralis*. A good species.
 P. 443. *Cataclysta phædralis* belongs to the genus *Ambia*.

VOL. XVIII.

- P. 513. **Phakellura dardusalis* = *Mesocondyla stigmatalis*, Led. Wiener ent. Monatsch. vol. vii. t. 13. fig. 3.
 P. 513. **Phakellura eumeusalis* belongs to the genus *Sestia*.
 P. 522. *Margaronia argealis* = *M. aquarialis*, Led. MS., in B. M.
 P. 523. *Margaronia ianthalis* belongs to the genus *Sozoa*, Walk., and was redescribed by Walker as *Sozoa costalis*, Cat. Lep. Het. B. M. vol. xxxiv. p. 1373.
 P. 523. **Margaronia hypheusalis*. A good species.
 P. 536. *Chromoles armeniacalis*. A good species.
 P. 593. *Botys mnemusalis*. Not identified.

Vol. XVIII. (continued).

- P. 595. *Botys eubulealis* belongs to the genus *Hyalea*.
 P. 595. **Botys nerissalis* belongs to the genus *Phlyctænia*, and is allied to *P. cuneifera*, Warr., in B. M.
 P. 596. **Botys cypræalis*=*Tanaura sublutalis*, Warr., in B. M.
 P. 597. **Botys remusalis*=*Anarmodia inscriptalis*, Gn.
 P. 600. *Botys pyrreusalis*. Not identified.
 P. 601. **Botys chlorisalis* belongs to the genus *Pantographa*, Led.
 P. 602. **Botys melitealis*=*Blepharomastix colubralis*, Gn.
 P. 609. **Botys quirinalis*=*Sylepta pactolalis*, Gn.
 P. 610. *Botys thallocalis*=*Allactostigma inguinalis*, Gn.
 P. 610. **Botys peranthusalis*=*Eulepte concordalis*, Gn., in B. M.
 P. 611. *Botys niavialis*. Not identified.
 P. 615. *Botys elatheatlis* belongs to the genus *Cælorhyncidia*, Hamps., *Hydrocampineæ*.
 P. 615. **Botys sylvialis*=*Hyalorista myopicalis*, Led.
 P. 617. **Botys agenorialis*=*Microthyris prolongalis*, Gn.
 P. 617. *Botys damonialis* belongs to the genus *Sylepta*.
 P. 618. *Botys pandaralis* belongs to the genus *Cælorhyncidia*.
 P. 622. **Botys evippealis* belongs to the genus *Syllepsis*.
 P. 623. *Botys persiusalis*=*Phostria confluentalis*, Warr., in B. M.
 P. 626. *Botys asiusalis*=*romalis*, Druce, belongs to the genus *Masscpha*, Walk.
 P. 627. **Botys odiusalis* belongs to the genus *Sylepta*.
 P. 627. **Botys pierialis*=*Azochia gripusalis*, Walk. vol. xviii. p. 542.
 P. 628. **Botys turnusalis*=*Prænesta scyllalis*, Walk. vol. xviii. p. 565.
 P. 629. **Botys claudiusalis* belongs to the genus *Calamachrous*.
 P. 631. **Botys sabalis*=*Hedylepta vulgalis*, Gn.

Vol. XIX.

- P. 833. *Geroda venusalis*. A Noctuid belonging to the *Trifineæ* near the genus *Amyna*.
 P. 835. **Nachaba congrualis*. A distinct species of the *Chrysaugineæ*.
 P. 835. *Nachaba oppositalis*. A distinct species of the *Chrysaugineæ*.
 P. 836. **Licha undilinealis*=*Leucania cicatrix*, Feld. Reise d. Nov. t. cix. fig. 8.
 P. 837. *Lancia phrontisalis*. Not identified.
 P. 838. *Pterhemia otusalis*=*P. uncinalis*, Hübn.
 P. 839. **Lascoria phormisalis* belongs to the genus *Tortricodes*, and is figured in Biol. Centr.-Amer., Het. i. t. 38. figs. 14, 15.
 P. 840. **Hypena deldonalis*. Very similar to *Briha hirtipalpis*, Walk.
 P. 841. **Hypena venuresalis*. A distinct species.
 P. 842. *Hypena lycusalis*. A distinct species.
 P. 842. **Hypena lysoalis*=*H. exoletalis*, Gn.

VOL. XIX. (continued).

- P. 843. **Hypena degesalis*. A distinct species.
 P. 844. **Hypena subbasalis*. A distinct species.
 P. 846. **Mursa calisalis*. A distinct species.
 P. 846. *Gisiru endeisalis*. Not identified.
 P. 847. *Hornisa ubeluxalis*=*Phurys basilans*, Gn.
 P. 850. **Lungasa perillalis*. A good genus and species.
 P. 851. **Hydara biconalis*=*Psaliodes paleata*, Gn., a Geometrid.
 P. 857. **Hermينيا mæonulis*. A very distinct species belonging to a new genus.
 P. 857. **Hermينيا apisalis* belongs to the genus *Palthis*.
 P. 858. **Hermينيا asteralis*=*Palthis aspisalis*, Walk.
 P. 859. *Hermينيا baresalis*=*Mastygophorus epitusalis*, Walk. vol. xvi. p. 150.
 P. 862. **Bleptina metopealis*=*B. confusalis*, Gn.
 P. 863. *Bleptina pollesalis*. Apparently a faded specimen of *B. confusalis*, Gn.
 P. 863. **Bleptina bogusalis* belongs to the genus *Heterogramma*, Gn.
 P. 864. **Bleptina opiteralis*=*Tortricodes phormisalis*, Walk.
 P. 864. **Bleptina oppialis*=*Heterogramma endorealis*, Gn.
 P. 865. **Bleptina bizialis*=*Palthis agroteralis*, Gn.
 P. 866. *Bleptina styrsalis*. A distinct species.
 P. 866. **Bleptina cæpioalis*=*Het. bogusalis*, Walk.
 P. 867. **Bleptina fadusalis*=also *Het. bogusalis*, Walk.
 P. 868. *Bleptina ophelasalis*=*B. styrsalis*, Walk. p. 866.
 P. 868. **Bleptina ceusalis*=*Het. bogusalis*, Walk.
 P. 869. *Bleptina abarusalis*. Not a *Bleptina*. Near the genus *Catada*.
 P. 869. *Bleptina stalemusalis*. A distinct species.
 P. 870. **Bleptina pagasusalis*. A distinct species.
 P. 870. **Bleptina bogesalis*=*B. confusalis*, Gn.
 P. 871. *Bleptina ceutusalis*. A good species.
 P. 880. **Renia ? decelusalis*=*Bleptina pagasusalis*, Walk.
 P. 881. *Renia ? lytocalis*. A distinct species.
 P. 881. **Renia ? borgesalis* belongs to the genus *Megachyta*.
 P. 885. *Megatomis euphrionalis*. A good species.
 P. 893. **Pyralis antenorialis* belongs to the genus *Bradina*.
 P. 893. *Pyralis thiastorialis* belongs to the genus *Rhodoneura*.
 P. 894. *Pyralis ninniusalis* belongs to the genus *Hypolamprus* of fam. Thyrididæ.
 P. 894. *Pyralis ? byzesalis*. Not identified.
 P. 896. **Pyralis ? atialis* belongs to the Tineidæ, genus *Tortricomorpha*=*varipes* and *vescatis*, Walk.
 P. 923. **Rhodaria probalis*=*Hæmatia panopealis*, Walk.
 P. 927. *Desmia pisusalis*=*reconditalis* and *ninnialis*, Walk., belongs to the genus *Diathrausta*.
 P. 928. **Desmia bulisalis*=*D. vfeus*, Cr.
 P. 928. *Desmia nerinalis* belongs to the genus *Diathrausta*.
 P. 936. **Samea calonalis* belongs to the genus *Sciorista*.

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- P. 937. **Samea luccusalis*=*S. ecclesialis*, Gn.
 P. 944. **Hymenia*? *phrasiusalis*=*H. perspectalis*, Hübn.
 P. 945. **Isopteryx*? *staiusalis*=*Phlyctænia scitalis*, Led.
 P. 948. *Lineodes peridialis*. Not identified.
 P. 949. **Hydrophysa adiantialis*. A good species.
 P. 949. *Hydrophysa capiosalis* belongs to the genus *Parthenodes*, Gn.
 P. 950. *Oligostigma scuthesalis* belongs to the genus *Aulacodes*, and is the same as *A. psyllalis*, Gn.
 P. 951. **Oligostigma iasusalis*. A distinct species.
 P. 952. *Cataclysta æglesalis*. A distinct species.
 P. 952. **Cataclysta cæsoalis*. A distinct species.
 P. 953. **Cataclysta æalis*. A distinct species.
 P. 954. **Cymoriza ætalis*. *Nymphula lotialis*, Feld., 'Reise d. Novara,' t. cxxxv. fig. 4.
 P. 955. *Cymoriza bocusalis*. A good species.
 P. 955. *Cymoriza badiusalis* belongs to the genus *Nymphula*.
 P. 956. **Cymoriza narcissusalis* belongs to the genus *Musotima*.
 P. 956. *Cymoriza abrotalis*. A distinct species.
 P. 957. *Cymoriza bolusalis*=*C. damescalis*, Gn., in B. M.
 P. 965. *Zebronia lacrinæsalis* belongs to the genus *Conchylodes*.
 P. 966. **Zebronia deicoonalis* belongs to the genus *Aripana*.
 P. 966. *Zebronia cæliusalis*. Not identified.
 P. 967. **Zebronia bunusalis*=*Aripana levinia*, Cr.
 P. 968. *Zebronia*? *bialis*. Not identified.
 P. 969. *Zebronia*? *abronalis*=*Platytes pusillalis*, Hübn.
 P. 984. **Botys tytiusalis* belongs to the genus *Isosalbia*.
 P. 985. **Botys autoclesalis* belongs to the genus *Notaspis*, Led.
 P. 985. **Botys azionalis*=*Dolichosticha cochrusalis*, Walk. p. 959.
 P. 986. **Botys dimichealis* belongs to the genus *Tegostoma*.
 P. 986. **Botys graviusalis*=*Samea paolinæ*, Warr., in B. M.
 P. 987. *Botys umbrexalis* belongs to the genus *Ceratoclasia*, Led.
 P. 987. **Botys nocmonalis*=*Phlyctænia nerissalis*, Walk. vol. xviii. p. 595.
 P. 988. *Botys acilialis*. Not identified.
 P. 988. **Botys gelliasalis*=*Steniodes lutealis*, Snell., in B. M.
 P. 1000. **Ebulia*? *ialis* belongs to the genus *Hapalia*.
 P. 1011. **Pionea cæmaroalis* belongs to the genus *Tholeria*.
 P. 1012. *Pionea ademonalis*. A distinct species.
 P. 1019. **Illice batialis*. A Lithosid; also in B. M.
 P. 1020. *Davara azonarsalis*. A *Phycyta*.
 P. 1021. **Dautona busalis*=*N. discerpta*, Walk. This is a Noctuid, and will stand as *Dautona discerpta*, Walk.
 P. 1022. **Motya abseusalis*. A good species.

GEOMETRIDÆ.

VOL. XX.

- P. 23. **Cherodes invariaria*=*Æschropteryx tetragonata*, Gn.
 P. 45. **Clysia absconditaria*=Rio form of *C. tasima*, Cr.

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- P. 52. **Oxydia noctuitaria* = *O. vitiligata*, Feld.
 P. 61. *Cherodes assyllusaria*. Not identified.
 P. 62. **Mucronodes oricusaria* = *Oxydia trychiata*, Gn.
 P. 64. **Oxydia ulpiscaria* = *Oxydia apidania*, Cr.
 P. 64. *Oxydia curiaria*. A distinct species.
 P. 79. **Drepanodes agronaria*. A distinct species.
 P. 94. **Gynopteryx telysaria* = *G. rhombaria* ♀, Gn.
 P. 109. **Apicia rhumata* = *A. lintearia*, Gn.
 P. 109. *Apicia nazalaria*. A distinct species.
 P. 110. **Apicia usaria* = *Gynopteryx seriaria* ♂, Gn.
 P. 110. **Apicia alphisaria*. A distinct species.
 P. 111. **Apicia*? *gaumaria* = *Drepanodes hamulata*, Gn.
 P. 147. **Nematocampa varicata*. A good species.
 P. 171. **Caberodes carcearia* = *C. fundaria*, Gn.
 P. 194. **Azelina asilasaria* = *A. denticulata*, Butl.
 P. 195. *Azelina amygdaria*. Not identified.
 P. 220. **Urapteryx palindaria* = *Aeschropteryx onustaria*, Hübn.
 P. 222. **Cherodes contennaria* = *Certima muscistrigata*, Gn.
 P. 223. *Oxydia nerisaria*. A distinct species.
 P. 225. **Drepanodes arnataria* = *D. pholata*, Gn.
 P. 225. **Drepanodes excavaria*. A distinct species.
 P. 226. **Drepanodes apertaria* = *Pyrinia erythrocephalata*, Gn.
 P. 226. **Drepanodes grata*. A distinct species.
 P. 227. **Drepanodes diffundaria*. A distinct species.
 P. 229. *Pyrinia madiaria*. A distinct species.
 P. 229. **Pyrinia mephasaria*. A distinct species.
 P. 230. **Pyrinia alcandrararia*. A distinct species.
 P. 234. **Apicia cepaliusaria* = *A. spinetaria* ♂, Gn.
 P. 235. **Apicia significaria* = *Renodes brevipalpis*, Gn.
 P. 236. *Apicia incrassata*. Not identified.
 P. 236. **Apicia extimaria*. A Boarmid of the gen. *Ectropis*, Hübn.
 P. 237. **Apicia atillaria* = *Renodes brevipalpis*, Gn.
 P. 238. *Apicia molusaria*. Not identified.
 P. 238. **Apicia anseraria* belongs to the genus *Drepanodes*.
 P. 239. **Apicia inficitaria* = *Apicia asopia*, Druce.
 P. 240. *Epione allutiusaria*. Not identified.
 P. 240. *Epione ardysaria*. Not identified.
 P. 241. **Epione mitranaria*. A distinct species.
 P. 241. **Epione relicitaria*. A distinct species.
 P. 242. **Angeroua expulsaria* = *Alana transitaria*, Gn.
 P. 246. **Nematocampa nypparia* belongs to the genus *Enictes*, Warr.
 P. 251. **Caberodes asanderaria*. A distinct species.
 P. 245. *Dasmeuda alcimusata*. A distinct species.
 P. 254. **Eusenea ceniasaria*. In B. M. under the genus *Azelina*.
 P. 256. **Azelina fusaria* = *A. stolidata*, Gn.
 P. 262. **Halesa enetusaria* = *H. glauca*, Butl.
 P. 268. **Laudosia buldloraria* = *Cirsodes acuminata*, Gn.
 P. 269. **Bassania anethystata*. A good species.
 P. 275. *Berambe gullaria*. Not identified.

VOL. XXI.

- P. 296. **Meticulodes xylochromaria* = *M. xylinaria*, Gn.
 P. 354. *Boarmia contraria* belongs to the genus *Euctenectropis*.
 P. 354. **Boarmia vacillaria* = *B. vacillaria*, Gn.
 P. 357. *Boarmia mollearia*. A distinct species.
 P. 357. **Boarmia detractaria* = *Tephrosia dimidiaria*, Gn.
 P. 358. **Boarmia guttularia* = *Bryoptera leprosa*, Gn.
 P. 359. *Boarmia defnaria* belongs to the genus *Euctenectropis*.
 P. 360. **Boarmia delinquaria*. A distinct species.
 P. 361. **Boarmia larentiata* = *Pterocypha umbrinata*, Gn.
 P. 362. **Boarmia denticularia* = *Tephrosia hybernaria*, Gn.
 P. 363. *Boarmia consimilaria*. A distinct species.
 P. 363. *Boarmia locupletaria* belongs to the genus *Pterocypha*.
 P. 363. *Boarmia stigmata*. Not identified.
 P. 411. **Tephrosia incongruaria* = *Bryoptera leprosa*, Gn.
 P. 412. **Tephrosia ineffectaria* = *Tephrosia responsaria*, Walk.
 P. 424. **Paraphia macariata* = *Semiothisa pernicata*, Gn.
 P. 425. *Paraphia epioncata*. A distinct species.
 P. 432. *Gazena divulsa*. A distinct species.

VOL. XXII.

- P. 503. **Achlora veniliata* = *Cambogia insignata*, Walk.
 P. 503. **Achlora catenularia*. A distinct species.
 P. 512. *Geometra basiplaga*. A distinct species.
 P. 583. **Racheospila marginiplaga* = *R. ocellata*, Cr.
 P. 583. **Racheospila satisfacta*. A distinct species.
 P. 593. *Thalera distracta*. A distinct species.
 P. 662. *Ilyria subtectata*. Not identified.
 P. 732. **Acidalia obliuaria*. A distinct species.
 P. 742. *Acidalia justata*. Not identified.

VOL. XXIII.

- P. 788. **Acidalia indecretaria* = *A. obliuaria*, Walk.
 P. 788. **Acidalia responsaria*. A distinct species.
 P. 789. **Acidalia suffusaria* = *Certima muscistrigata*, Gn.
 P. 799. *Timandra viridiplaga*. A distinct species.
 P. 827. **Ratiaria argentilinea* = *Urapteryx platinata*, Gn.
 P. 828. *Ratiaria metaxantha*. Not identified.
 P. 839. **Erosia leucospilaria*. A distinct species.
 P. 839. **Erosia senilaria* belongs to the genus *Schidav.*
 P. 841. **Erosia lacerataria*. A distinct species.
 P. 844. *Erosia distincta* belongs to the genus *Psaliodes*.
 P. 845. **Erosia subsignaria*. A distinct species.
 P. 859. **Paloda dentifera* = *Erosia acutangularia*, Walk.
 P. 910. **Macaria subitaria* = *Semiothisa triplicaria*, H.-S.
 P. 911. *Macaria mandata*. A distinct species.
 P. 912. **Macaria concisaria*. A distinct species.
 P. 913. **Macaria percisaria* = *Semiothisa gambaria*, Hüb.
 P. 915. **Macaria continuaria* = *Semiothisa pernicata*, Gn.
 P. 919. **Macaria externaria* = *S. pernicata*, Gn.
 P. 919. **Macaria fractaria* = *S. nervata*, Gn.

VOL. XXIV.

- P. 1069. *Aspilates perlineata*. A distinct species.
 P. 1081. *Alydella lignosata*. Not identified.
 P. 1100. *Gustiana subflexata* is a Deltoid.
 P. 1264. *Thera perarcuata*. A distinct species.

VOL. XXV.

- P. 1310. **Coremia lateraria* = *C. fringillata*, Gn.
 P. 1338. **Phibalapteryx mediata* = *Plemyria fluviata* ♀, Hübn.
 P. 1339. **Phibalapteryx intrusata* = *P. fluviata* ♂, Hübn.
 P. 1351. *Scotosia nitidulata* = *Gazena divulsa*, Walk.
 P. 1369. **Pterocypha divulsata* = *P. floccosaria* ♀, Walk.
 P. 1370. **Pterocypha celerata*. A distinct species.
 P. 1396. **Cidaria perspicuata* = *C. emberizata*, Gn.
 P. 1396. **Cidaria patulata*. A distinct species.
 P. 1397. *Cidaria eductata* = *C. emberizata*, Gn.
 P. 1397. **Cidaria intercalata*. A distinct species.

VOL. XXVI.

- P. 1486. *Lagyra*? *dentilineata*. Not identified.
 P. 1490. *Pyrinia reflectaria*. A distinct species.
 P. 1491. *Pyrinia concisuta*. A distinct species.
 P. 1492. *Pyrinia subaurata*. A distinct species.
 P. 1493. *Pyrinia saturata*. A distinct species.
 P. 1493. *Pyrinia radiolata*. Not identified.
 P. 1499. **Rumia defixata* = *S. deprivata*, Gn.
 P. 1502. *Hyperetis tessellata*. A distinct species.
 P. 1502. **Hyperetis quadrilineata* = *Semiolitha contorta*, Druce.
 P. 1505. *Endropia*? *subapicata*. Not identified.
 P. 1515. *Tetracio inaequaria*. An *Apicia* allied to *cayennaria*, Gn.
 P. 1533. **Boarmia perspectata* = *B. vacillaria*, Gn.
 P. 1534. **Boarmia subapicata* = *B. syrniaria*, Gn.
 P. 1534. *Boarmia tenerata* is the ♂ of *B. mollearia*, Walk.
 P. 1553. *Caripræa mendaciaria*. Not identified.
 P. 1560. **Thalassodes glauculata*. A distinct species.
 P. 1578. **Anisodes congruaria*. A distinct species.
 P. 1579. *Anisodes fimbripedata*. Not identified.
 P. 1579. **Anisodes ordinata* = *directata* = *A. urcearia*, Gn.?
 P. 1587. *Hyria gavisuta*. A distinct species.
 P. 1587. *Cambogia albopunctata*. A distinct species.
 P. 1599. *Acidalia calidata*. Not identified.
 P. 1600. **Acidalia tepidata*. A distinct species.
 P. 1600. *Acidalia indignaria* = *Cambogia marcearia*, Gn., in B. M.
 P. 1626. *Erosia integrata*. A distinct species.
 P. 1627. *Erosia subtruncata*. Not identified.
 P. 1627. **Erosia quadruncata* = *Phyllodonta caninata*, Gn.
 P. 1628. **Erosia subpatulata* = *Eypipema incolorata*, Gn.
 P. 1629. *Erosia bipartaria*. Not identified.
 P. 1633. *Curmala flexata*. Not identified.
 P. 1636. **Arcobara microniata* = *Pigia tergeminarum*, H.-S.

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- P. 1643. *Macaria vitriferaria*. A distinct species.
 P. 1657. *Tephрина signataria*. A distinct species.
 P. 1658. **Tephрина responsaria*. A distinct species.
 P. 1659. **Tephрина albipunctata*. A distinct species.
 P. 1687. *Cadyanda lugens*=*Calospila posthumaria*, H.-S.
 P. 1690. **Budara conversata*. A distinct species.
 P. 1702. *Larentia inquinata*=*Hammaptera perturbata*, Wlk., ♂.
 P. 1710. **Lobophora bifiliferata* belongs to the genus *Nola*.
 P. 1718. *Phibalapteryx erosiata*. Not identified.
 P. 1723. **Scotosia spilotata*=*Homopyralis inderidens*, Walk.
 P. 1730. *Cidaria effrenata*. Not identified.
 P. 1737. *Eubolia vicaria*. Not identified.
 P. 1754. **Cambogia porphyrinata*. A distinct species.
 P. 1755. *Cambogia turbata*. A distinct species.
 P. 1755. *Acidalia illitirata*. Not identified.
 P. 1756. *Acidalia isographata*. A distinct species.
 P. 1757. **Erosia niveinotata* belongs to genus *Dagassa*.
 P. 1759. *Stegania quadrinotata*. A distinct species.

SUPPLEMENT.

VOL. XXXI.

- P. 21. *Cotæna mediana*. A distinct species and good genus.
 P. 142. *Gerra hyelosoides*=*Gonora heliconiata*, Walk.
 P. 257. **Aucula josoides* belongs to the Agariistidæ.
 P. 304. *Elysius signatus*. A distinct species.
 P. 317. **Addua inclusa*=*Pericopsis parnassioides*, Walk.

VOL. XXXII.

- P. 339. **Eloria canescens* belongs to the genus *Hyalospila*.
 P. 382. **Compsa saturata*=*Turchon trilunula*, H.-S.
 P. 411. **Notodonta scitipennis*=*N. stragula*, Grote.
 P. 439. **Parathyris ennomoides* belongs to the genus *Olceclostera*.
 P. 441. **Gopha mixtipennis*. A distinct species.
 P. 442. **Blera cerruroides*. A good species.
 P. 442. **Rifargia xylinoides*. A good species.
 P. 442. **Nagidusa xylocampoides*. A good species.
 P. 442. *Luca herbida*. Allied to *Heterocampa*.
 P. 442. **Phastia basalis*. A good species.
 P. 487. *Limacodes concolor*. Not identified.
 P. 491. *Athrula saturnioides*=*Rolepa delineata*, Walk.
 P. 516. *Siculodes annuligera*. A distinct species.
 P. 517. *Vadatu macroptera*. A distinct species; the species figured under this name in the 'Biologia Centr.-Amer.' is a new species.
 P. 545. **Sosvetra grata*. A Noctuid.
 P. 579. **Cistissa expansa*=*Megalopyge fuscescens*, Walk.
 P. 579. **Batatara fusifascia*=*Hylesia approximans*, Walk.
 P. 681. *Perigea adornata*. Not identified.

VOL. XXXIII.

- P. 731. **Hadena subapicalis*=*Heterochroma eriopioides*, Gn.
 P. 780. *Azannora basiplaga*=*Az. tortriciformis*, Walk.
 P. 798. **Xanthoptera alboflava*. A distinct species.
 P. 811. **Callopietria vittata*=*Oligia subobliqua*, Walk.
 P. 814. **Penicillaria areusa* belongs to the genus *Ingura*.
 P. 852. **Hemiceras illucens*=*H. barina*, Gn.
 P. 861. **Gonitis reversa*=*G. exaggerata*, Gn.
 P. 866. *Coruncala latipennis*. Not identified.
 P. 877. *Homoptera discalis*=*Platydia mollealis*, Walk.
 P. 877. *Homoptera gratiosa*. Not identified.
 P. 878. **Homoptera punctilinea*. A distinct species.
 P. 883. **Homoptera privata*=*H. exhausta*, Gn.
 P. 883. *Homoptera phocoleuca*. Not identified.
 P. 884. **Homoptera parvula*. A good species.
 P. 915. *Carthura albicosta*. Not identified.
 P. 998. **Phurys partita* belongs to the genus *Capnodes*.
 P. 1026. *Thyridospila compta*. Not identified.
 P. 1027. **Thyridospila quadriocellata*. New genus.
 P. 1028. *Thyridospila amœna*=*Mulelocha calligramma*, Hüb. n.
 P. 1037. **Thermesia absumens*=*Euthermesia inexacta*, Walk.
 P. 1048. **Thermesia caliginosa*=*Mulelocha exsiccata*, Walk.
 P. 1049. *Thermesia brevistriga*. Not identified.
 P. 1051. *Thermesia dividyata*. Not identified.
 P. 1052. *Thermesia subfca* belongs to the genus *Renodes*, Gn.
 P. 1053. *Thermesia conficita*. Not identified.
 P. 1053. *Thermesia inficita*. Not identified.
 P. 1068. *Selenis stipata*=*S. humeralis*, Walk.
 P. 1073. *Capnodes basalis*=*Bleptina proliferalis*, Walk.
 P. 1073. *Capnodes schizospila*. A distinct species.
 P. 1074. **Capnodes concinnula*. A distinct species.
 P. 1075. *Capnodes mundicola* is near the genus *Dugassa*.
 P. 1079. *Ctypana obtusa*. Not identified.
 P. 1081. *Hypernaria rudis*. Not identified.
 P. 1087. **Hypernaria chlorospila*=*H. discesura*, Wlk.
 P. 1088. **Hypernaria leucospila*=*Thermesia gemmatilis*, Hüb. n.
 P. 1091. *Hypernaria punctulosa*. Not identified.
 P. 1100. *Elizoa subocellata*. Not identified.

VOL. XXXIV.

- P. 1129. *Gaali dispunctalis*=*Gustiana subflexata*, Walk.
 P. 1132. **Hyppena bisignalis*. A distinct species.
 P. 1132. **Hyppena pyralalis*=*Psaliodes paleata*, Gn.
 P. 1134. **Hyppena disseptalis*=*H. ancara*, Druce.
 P. 1135. **Hyppena dissutalis*=*H. scabra*, Fabr.
 P. 1145. **Boana semialba*. A distinct species.
 P. 1158. **Herminia inostentalis*=*Megachyta borgesatis*, Walk.
 P. 1158. *Herminia figuralis*=*Gustiana subflexata*, Walk.
 P. 1160. **Bleptina responsalis*=*Palthis aspisalis*, Walk.
 P. 1160. **Bleptina penicillalis* belongs to the genus *Mustygophorus*.

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- P. 1161. **Bleptina diruptalis*=*Megachyta borgesalis*, Walk.
 P. 1167. *Bertula excelsalis* belongs to the genus *Mastigophorus*.
 P. 1174. **Gizama anticalis*=*Renia deceleusalis*, Walk.
 P. 1180. **Bononia nivilinea*=*Licha undilinealis*, Walk.
 P. 1180. **Crymona receptalis*=*H. hastalalis*, Walk.
 P. 1181. *Boīca armata*. A distinct species.
 P. 1181. **Sorygaza didymata*. A distinct species.
 P. 1191. *Orocala distentalis*. Near the genus *Notarcha*.
 P. 1192. **Alicarda vexatilis*=*A. atialis*, Walk.
 P. 1199. **Tibracana xanthialis*. A distinct species.
 P. 1224. *Maguza albiputtalis*=*Pastona rudis*, Walk.
 P. 1225. *Pyralis intermedialis*=*Hyposopygia sodalis*, Walk.
 P. 1225. **Pyralis externalis*=*Hedylepta antenoralis*, Walk.
 P. 1225. **Pyralis varipes*=*Alicarda atialis*, Walk.
 P. 1232. *Pyralis crassipes* is the ♀ of *Tosale pyralidoides*, Walk.
 P. 1262. **Zarania cossalis*=*Ethnistis munitalis*, Led.
 P. 1283. **Rhodaria directalis*=*Hyalorista taniolalis*, Gn.
 P. 1303. **Samea obliteralis*=*Sameodes niceusalis*, Walk.
 P. 1331. *Oligostigma amoenalis* belongs to the genus *Glaphyria*.
 P. 1331. *Oligostigma exhibitalis*. A distinct species.
 P. 1354. *Glyphodes rutilalis*=*G. suavis*, Feld.
 P. 1361. *Margaronia auricostalis*=*M. argealis*, Walk.
 P. 1390. **Botys additalis*=*Acharana phœopteralis*, Gn.
 P. 1390. **Botys ineffectalis*=*Blephoramastix colubralis*, Gn.
 P. 1400. **Botys fuliginalis*=*Stenomeles agavealis*, Walk.
 P. 1400. **Botys cellatalis*=*Acharana phœopteralis*, Gn.
 P. 1466. **Scopula permixtalis* belongs to the genus *Phlyctœnia*.
 P. 1492. *Bouchis scoparioides* belongs to the genus *Ethnistis*.
 P. 1497. **Scoparia stupidalis*=*Illice batialis*, Walk., of the family Lithosiidæ.

VOL. XXXV.

- P. 1543. *Pyrinia xantharia* belongs to the genus *Capnodus*.
 P. 1549. **Azelina immundaria*=*A. stuposaria*, Gn.
 P. 1639. *Ceronaba cinctaria*=*Molybdophora concinnaria*, H.-S.
 P. 1702. *Lephana tetraphorella* belongs to the Noctuidæ. Type in B. M.
 P. 1743. *Gabaleca bilineatella* belongs to the genus *Erupa*. Type in B. M.
 P. 1769. *Zolca congruella* belongs to the genus *Erupa*. Type in B. M.
 P. 1783. *Pandemis securiferana*. Type in B. M.
 P. 1800. *Torda metamelana*=*Tosale pyralidoides*, Walk. Type in B. M.
 P. 1958. *Celœna canifimbria* belongs to the Noctuidæ. Type in B. M.
 P. 1963. *Acontia quadrata*. Type lost.
 P. 1971. *Thyridospila cœca*. Type lost.

The remaining references are to species described in the Transactions of the Entomological Society for 1862:—

- P. 76. **Cingilia humeralis*=*Caterua catenaria*, Cr.

- P. 79. *Heterocampa thyatiroides*. Not identified.
 P. 82. *Miresa divergens*=*Lithacodes fasciola*, H.-S.
 P. 90. *Gora æqualis*. Not identified.
 P. 94. *Erythia obliquata* (locality doubtful). Not identified.
 P. 95. *Cottobara concinna*. A Notodont.
 P. 95. *Gaphara sobria*. Allied to *Celena tetera*.
 P. 97. **Nænia signiplena* belongs to the genus *Pæsula*.
 P. 101. **Asthana erecta* = *Pæsula transversaria*, Walk.
 P. 101. **Asthana directa* belongs to the genus *Pæsula*.
 P. 102. *Baniana inæqualis*. A distinct species.
 P. 103. *Gammace magniplaga*. Not identified.
 P. 104. **Remigia consistens*=*Renodes brevipalpis*, Gn.
 P. 104. *Gangra atripustula* belongs to the Thernesiidæ.
 P. 105. *Focilla abrupta* belongs to the Thernesiidæ.
 P. 108. **Marthama conspersa*=*M. squamivaria*, Walk.
 P. 109. **Hypena murina*=*H. exoletalis*, Gn., in B. M.
 P. 115. **Bocana marginalis*=*B. orionalis* ♂, Walk.
 P. 122. *Salbia variabilis* belongs to the genus *Phostria*. In B. M.
 P. 122. *Asopia depressalis*. Not identified.
 P. 124. *Cutaclysta insulalis*. A distinct species.
 P. 126. *Scopula desistalis* belongs to the genus *Elulea*.
 P. 127. *Scoparia fascialis*=*Ilapalia illibalis*, Hübn.
 P. 259. *Iladena opima*. Not identified.
 P. 260. *Poaphila plagiata*. Not identified.
 P. 260. *Poaphila figurata*. Not identified.
 P. 260. *Phuryys mensurata*. Not identified.
 P. 260. **Hypena scissilinea* belongs to the genus *Saserna* and is well figured in the Biol. Centr.-Amer.
 P. 271. *Rhagonis bicolor*. Not identified.
 P. 277. **Pæcilocampa plurilinea*=*Totype opalina*, Walk.

4. Further Contributions to our Knowledge of the Bornean
Lycænide. By HAMILTON H. DRUCE, F.Z.S., F.E.S.

[Received June 15, 1896.]

(Plates XXIX.—XXXI.)

Since June last year, when I had the honour of bringing before the Society a paper¹ dealing with this family of Butterflies, a large amount of fresh material has come to hand.

Dr. Staudinger has received many more specimens from his collector Waterstradt, and Mr. D. Cator has placed in my hands for examination a number of specimens captured by himself and procured from collectors in the island. Amongst these I have found several of considerable interest, which are now recorded here for the first time. Mr. Cator writes me that the places at which he captured specimens are:—Segalind and Sapagaya, which are rivers falling into different parts of Sandakan Bay; Melikop

¹ See P. Z. S. 1895, p. 556.