

RECENT LITERATURE ON LEPIDOPTERA

(Under the supervision of PETER F. BELLINGER)

B. SYSTEMATICS AND NOMENCLATURE

- Agenjo, R., "Otro nuevo *Crambus* F., español (Lep. Cramb.)" [in Spanish]. *Eos*, vol. 30: pp. 345-352, 1 pl., 3 figs. 1954. Describes as new *C. vilarrubie* (Montgrony, 1600-1665 m., Gombreny, Gerona). Names a "form" of *C. pinellus*. Additional localities for *C. bolivari* & *C. digitellus*. [P. B.]
- Agenjo, R., "Diferenciación anatómica y dispersion en España de las *Apatete psi* (L.), *tridens* (Schiff.) y *cuspidis* (Hb.) (Lep. Phalæn.)" [in Spanish]. *Eos*, vol 31: pp. 39-51, 3 pls. 1955. Figures genitalia, gives records, & discusses distribution [P. B.]
- Agenjo, R., "Nuevo *Evergestis* Hb., hispano-marroquí (Lep. Pyraust.)" [in Spanish]. *Eos*, vol. 31: pp. 241-245, 1 pl. 1955. Describes as new *E. dusmeti* (Orihuela, Alicante Prov., Spain). [P. B.]
- Agenjo, R., "Tres noctuidos de la comarca de Albarracín, en Teruel, que pasan a sinonimia (Lep. Phalæn.)" [in Spanish]. *Eos*, vol. 31: pp. 217-240, 2 pls. 1955. Sinks *Atethmia schleppniki* to *A. algirica*; *Acronicta schwingenschussii* to *Apatete auricoma*; *Apamea amalia* to *Luperina testacea*. Extensive systematic notes & locality records. [P. B.]
- Agenjo, R., "Tribus y subtribus de la Subfamilia Phycitinae Cotes, 1899 (Lep. Phycitidae)" [in Spanish]. *Eos*, vol. 34: pp. 205-208. 1958. Proposes names for the "Groups" and "Venational Divisions" of Heinrich, 1956: PHYCITIDI, including CRYPTOBLABINI, ACROBASIINI, ECTOMYELOISINI, & PHYCITINI; EPHESTIIDI, including EUPHOCERINI, EURYTHMASIINI, HOMEOSOMINI, DIVIANINI, EPHESTIINI, & VARNERIINI; & CABNIIDI. [P. B.]
- Agenjo, R., "Existe la *Gegenes pumilio* (Hoffm., 1804) en España (Lep. Hesp.)?" [in Spanish]. *Eos*, vol. 35: pp. 197-208, 6 figs. 1959. Distinguishes *G. pumilio* from *G. nostradamus*, & gives locality records of latter; no certain Spanish records of former. Transfers *G. zelleri* to *Borbo*. [P. B.]
- Agenjo, R., "Las *Catocala* Schrk., españoles, con más amplias consideraciones respecto a las de mayor interés forestal (Lep. Noct.)" [in Spanish]. *Eos*, vol. 35: pp. 301-384, 6 pls., 30 figs. 1959. Redescribes the 15 Spanish spp.; figures genitalia; gives Spanish records; lists foodplants. Keys to subfamilies & tribes of Noctuidae, & to subgenera & spp. of *Catocala* occurring in Spain. [P. B.]
- Alberti, Burchard, "Die Zygaenidae (Insecta, Lepidoptera) als Modellfall Stammesgeschichtlicher Studienmöglichkeit an rezenten Tiergruppen" [in German]. *Proc. XV internat. Congr. Zool.*, pp. 166-168. 1959. Discusses study of character and species evolution in living forms; examples from Zygaenidae. [P. B.]
- d'Almeida, R. Ferreira, "Breves notas sobre o gênero *Rothschildia* Grote, 1897 (Lepidoptera, Saturniidae)" [in Portuguese]. *Bol. Mus. nac.*, Rio de Janeiro, n. s., *Zool.*, no. 171: 47 pp., 5 figs. 1957. Catalogue of genus with notes on synonymy. Describes early stages of *R. erycina belus*, *R. arethusa*, *R. betis*, & *R. aurota speculifer*. [P. B.]
- d'Almeida, R. Ferreira, "Espécies e subespécies novas de Ithomiidae (Lepidoptera-Rhopalocera)" [in Portuguese]. *Bol. Mus. nac.*, Rio de Janeiro, n. s., *Zool.*, no. 173: 17 pp., 12 figs. 1958. Describes as new *Napeogenes paruiensis* (Maracanai, Rio Paru de Leste, Pará, Brazil), *N. sylphis acreana* (near Vila Taumaturgo, Rio Juruá, Acre, Brazil); *Hypothyris honesta acreana* (near Vila Taumaturgo), *H. meterus arpi* (Itaituba, Tapajoz, Pará, Brazil); *Callithomia travassosi* (Dumba, Rio Araguaia, Mato Grosso, Brazil), *C. juruaensis* (near Vila Taumaturgo, Rio Juruá, Acre, Brazil); *Hypoleria plisthenes* (Carmo do Rio Claro, Minas Gerais, Brazil), *H. novaesi* (near Vila Taumaturgo, Rio Juruá, Acre, Brazil), *H. mulveriana*

- (Fordlândia, Rio Tapajos, Pará, Brazil); *Heterosais edessa covella* (Cojimies, Manabi, Ecuador). Transfers *exornata* Haensch to *Hypoleria*. [P. B.]
- d'Almeida, R. Ferreira, "Ligeiras notas sobre algumas *Actinote* do sudeste do Brasil (Lepidoptera-Rhopalocera)" [in Portuguese; English summary]. *Bol. Mus. nac.*, Rio de Janeiro, n. s., *Zool.*, no. 178: 7 pp., 1 fig. 1958. Describes allotypes of *A. discrepans* & *A. melanisans*. Gives synonymy of latter & of *A. pyrha*; sinks *A. brasiliensis* to *A. pyrha*. Notes on difficulty of determinations in this group of spp. [P. B.]
- Amadon, Dean, "Proposals concerning homonymous family-group names based on the generic names *Drepana* Schrank, 1802 (Class Insecta, Order Lepidoptera), and *Drepanis* Temminck, 1820 (Class Aves); request for the use of the Plenary Powers to suppress the generic name *Drepanis* Brisson, 1760." *Bull. zool. Nomencl.*, vol. 17: pp. 220-223. 1960. *Drepanidae* is the correct family name in Lepidoptera, *Drepanididae* in Aves. Request for placement on Official List of *Drepana*, type *falcataria*. [P. B.]
- Amsel, H. G., "*Catabrachmia roszikella* Rebel 1909 = *Xystophora palustrella* Douglas 1850 (Lepidoptera: Gelechiidae)" [in German]. *Zeitschr. wiener ent. Ges.*, vol. 43: pp. 286-287. 1958. *Catabrachmia* is a valid genus. *C. palustrella* has a remarkable distribution, being found in N. Europe and isolated in Hungary (*roszikella*). [P. B.]
- Amsel, H. G., "Cyprische Kleinschmetterlinge" [in German]. *Zeitschr. wiener ent. Ges.*, vol. 43: pp. 51-58, 69-75, 135, 1 pl., 14 figs. 1958. Describes as new: (Pyralidae) *Ommatopteryx (Eromene) cypriusella* (Kyrenia); *Pempelia albicostella* (Kyrenia); *CYPRUSIA* (monobasic), *C. wiltshirei* (Kyrenia Mts.); *Scoparia unicolorella* (emended to *unicornutella* on p. 135) (Kyrenia); *Metasia cypriusalis* (Kyrenia); (Tortricidae) *Cnephasia tolli palæstinensis* (Abu Goasch, near Jerusalem); *Laspeyresia prædorsana* (Kyrenia); (tineoids) *Agonopteryx scopariella calycotumella* (Kyrenia Mts.); *Crossotocera wagnerella tripunctella* (Prodromos, 4000 ft.); *Egoconia apatemella* (Triboukkia, Prodromos, 4000 ft.). Records numerous other spp. from Cyprus, 23 being new to the island; gives descriptive & systematic notes on some. [P. B.]
- Amsel, H. G., "Eine neue *Stigmatophora*-Art aus Persien (Lepidoptera: Momphidae)" [in German]. *Ent. Tidskr.*, vol. 79: pp. 102-103, 1 pl. 1959. Describes as new *S. schultzenendorffi* (Sine Sefid, prov. Fars, Iran, 2200 m.). [P. B.]
- Aubert, Jacques-F., "Les géométrides paléarctiques du genre *Entephria* Hb. Description d'un genre nouveau pour *argenti-plumbea* Hmps." [in French; German summary]. *Zeitschr. wiener ent. Ges.*, vol. 44: pp. 177-209, 6 pls., 18 figs., 1 map. 1959. Describes as new *E. luteolata* (Nepal, Mustangbhot, Gargompa, Penga, 4000 m.), *E. politaria tibetaria* (or new sp?; Bhutan; Tibet), *E. multicava orientata* (or new sp?; Ta Tsien Lou; Tibet), *E. albipunctata* (Yatung, 4500 m., central Tibet); *CÆNOLARENTIA* (type *argenti-plumbea* Hampson); also some new "forms". Revision of 22 Palearctic spp. and their races; transfers 5 spp. to other genera. [P. B.]
- Banks, Leslie, "*Schinia brevis* Grote — a synonym." *Bull. Brooklyn ent. Soc.*, vol. 47: p. 28. 1952. Sunk to *septentrionalis* Walker. [P. B.]
- Bauer, David L., "A new subspecies of *Microtia dymas* (Nymphalidae) from southern California." *Lepid. News*, vol. 12: pp. 97-100. 1959. Describes as new *M. d. imperialis* (Palm Springs).
- Bernardi, G., "La variation géographique du polymorphisme chez les *Hypolimnas* du continent africain (Lep. Nymphalidae)" [in French]. *Bull. Inst. franç. Afrique noire* (A), vol. 21: pp. 1021-1032, 9 figs. 1959. Study of the geographical variation of the polymorphism in the species of *Hypolimnas* (*H. misippus*, *H. dinarcha*, *H. mechovi*) in continental Africa. Description of *H. dinarcha liberiensis* n. ssp. (hinterland of Liberia), and two morphs, one in *misippus*, the other in *mechovi*. [P. V.]
- Bernardi, G., "Note sur la variation géographique de deux dualspecies: *Leptosia alcesta* Stoll et *Leptosia nupta* Butler (Lep. Pieridae)" [in French]. *Bull. Soc. ent.*

- France, vol. 64: pp. 30-36, 10 figs. 1959. Note on the geographical variation of the two dualspecies of pierids, *L. alcesta* & *L. nupta*. Describes as new *L. n. viettei* (Madagascar), *L. a. pseudonuptilla* (Ethiopia), *L. a. inalcesta* (Tanganyika, Kilimandjaro), *L. a. pseudonupta* (Belgian Congo, Stanleyville). [P. V.]
- Bernardi, G., "Note sur la variation géographique de *Nepheronia* (*Leuceronia*) *buqueti* Boisd. particulièrement à Madagascar (Lep. Pieridæ)" [in French]. *Naturaliste malgache*, vol. 10: pp. 81-86, 1 pl., 3 figs. "1958" [1959]. Note on the geographical variation of *N. (L.) buqueti* and description of *N. (L.) buqueti pauliani* n. ssp. (Madagascar: Tuléar). [P. V.]
- Bernardi, G., & P. Viette, "Deux nouvelles sous-espèces françaises du genre *Zygæna* Fabricius (Lep. Zygænidæ)" [in French]. *Entomologiste*, vol. 15: pp. 3-6. 1959. Description of two new French subspecies: *Z. sarpedon pictonorum* (Vendée: Longeville) & *Z. lavandulæ lecharlesi* (Aude: Villespassans). [P. V.]
- Bernardi, G., & P. Viette, "Note sur la nomenclature de trois espèces du genre *Zygæna* Fabricius (Lep. Zygænidæ)" [in French]. *Bull. mens. Soc. linn. Lyon*, vol. 29: pp. 238-248. 1960. The species of *Zygæna* usually named *achilleæ* Esper, *meliloti* Esper, and *scabiosæ* Scheven should be named: *achilleæ* Esper, *vicie* Paula Schrank, and *dalmatina* Boisdual. The names *meliloti* and *scabiosæ* are incorrect. Except one, all the names of *Zygæna* of Denis and Schiffermüller are *nomina nuda*. [P. V.]
- Bernardi, G., "Une nouvelle sous-espèce de *Colotis evippe* L. (Lep. Pieridæ)" [in French]. *Bull. Soc. ent. France*, vol. 65: pp. 123-124. 1960. *C. e. mirei*, a new ssp. of pierid from Tibesti Mts. [P. V.]
- Bernardi, G., & P. Viette, "A propos du récent travail de M. H. Reiss: '*Zygæna ephialtes parisica* n. subsp.' (Lep. Zygænidæ)" [in French]. *Bull. Soc. ent. Mulhouse*, 1960: pp. 31-33, 1 table. Note to show that the name *Z. e. parisica* Reiss, 1959, is a synonym of *Z. e. rubens* Verity, 1946, and indicate the geographical distribution of the subspecies. [P. V.]
- Biezanko, C. M., "Nota sobre a invalidez do género *Hepialopsis* Warren, 1907 (Lep. Het. Thyrididæ) e sua substituição por *FORBESOPSIS* género novo" [in Portuguese]. *Agros, Pelotas*, vol. 10, no. 1: 2 pp., 1 pl. 1957. *Hepialopsis* preoccupied by *Hepialopsis* Dyar (Eucleidæ). Figures *Forbesopsis sphingipennis*, the type sp. [P. B.]
- Biezanko, C. M., "Papilionidæ da zona sueste do Rio Grande do Sul" [in Portuguese]. *Arq. Ent. Inst. agron. do Sul, Petotas, ser. A*, no. 1A: 16 pp., 3 figs. 1959. List of 13 spp., with systematic notes by W. T. M. Forbes; records of foodplants. [P. B.]
- Biezanko, C. M., "Sobre dos nuevas especies de la familia Noctuidæ: *Hoplotarache rufinelli*, sp. n. (Acontiinæ) y *Herminodes carbonelli*, sp. n. (Erebinae) de la Republica Oriental del Uruguay y de Rio Grande do Sul, Brazil" [in Spanish]. *Rev. Soc. uruguaya Ent.*, vol. 3: pp. 35-39, a figs. 1959. Type localities not identified; genitalia not described. [P. B.]
- Biezanko, C. M., *Album iconográfico dos lepidópteros coletados por C. M. Biezanko. Papilionidæ. Pars prima*. 20 pls. Pelotas. 1960. Photos of 19 spp. of South American papilionids (*Graphium*, *Papilio*, *Atrophaneura*, *Battus*, *Euryades*). [P. B.]
- Bigot, L., "Les *Agdistis* de la faune française (Lep. Pterophoridæ)" [in French]. *Alexanor*, vol. 1: pp. 149-157, 1 fig. 1960. Study of the eight spp. of *Agdistis* of the French fauna, with figures of the ♂ & ♀ genitalia. [P. V.]
- Bigot, L., "Un *Agdistis* nouveau de Tripolitaine: *A. fiorii* n. sp. (Lep. Pterophoridæ)" [in French]. *Alexanor*, vol. 1: pp. 201-203, 3 figs. 1960. Describes as new the pterophorid *A. fiorii* (Tripoli, Suk el Giuma). [P. V.]
- Birket-Smith, J., "Results from the Danish Expedition to the French Cameroons (1949-50). XXVII. — Lepidoptera (part I). *Bull. Inst. franç. Afrique noire* (A), vol. 22: pp. 521-554, 17 figs. 1960. In this part are studied Papilionidæ, Pieridæ, Danaidæ and Satyridæ. Describes as new *Mycalasis nanodes nyongensis* and a number of "forms" and aberrations. [P. V.]

- Birket-Smith, J., "Results from the Danish Expedition to the French Cameroons (1949-50). XXVII — Lepidoptera (part II)." *Bull. Inst. franç. Afrique noire* (A), vol. 22: pp. 924-982, 2 col. pls., figs. 18-32, 1 table. 1960. List of the Rhopalocera collected. Describes as new *Cymothoë electrinus*; *Euphædra erasmus*; *Neptis infusa* (Nymphalidæ); *LECTILES*, & type *L. collitorum*; *Powellana virginea*; *Lachnocnema makakensis*; *Hypokopelates kallipygos* (Lycænidae); all from R. Nyong, S. of Makak Station. Figures in color last instar larvæ of *Papilio bromius*, *P. demodocus*, *Pyrrhochalcia iphis*, *Charaxes pleione*, *Cymothoë cænis*, *Neptis nemetes*, *Acræa zetes*, *A. orestia*, & *A. alciope*. It seems that many of the new taxa will be synonyms. [P. V.]
- Bleszyński, Stanisław, "Studies on the Crambidae. Part XVIII. Revision of the genus *Chrysocrambus* Blesz." [in English; Polish & Russian summaries]. *Acta zool. cracov.*, vol. 2: pp. 843-886, 41 figs. 1958. As new are described: *C. danutæ* (Hispania: Sierra la Sagra, Granada), *C. cassentiniellus pseudocraterellus* (Lebanon); *C. (Chrysocramboides) craterellus alpinus* (Alps), *C. (C.) craterellus abruzzellus* (Italy), *C. (C.) craterellus libani* (Lebanon). The synonymy of *C. (Chrysocrambus) cassentiniellus* Zell. and *C. (Chrysocramboides) craterellus* Scop. is recorded in detail. [J. M.]
- Bleszyński, Stanisław, "Studies on the Crambidae. Part XXII. On the systematical position of several North-American species of the generic group *Crambus* F. s. 1." [in English; Polish summary]. *Bull. ent. Pologne*, vol. 29: pp. 447-482, 63 figs. 1959. Discussed are 25 Nearctic spp. of Crambidae, without new taxa. [J. M.]
- Bleszyński, Stanisław, "A new genus *CLASSEYA* for some species of the genera *Argyria* Hbn. and *Platytes* Gn. and a new species of this genus from Senegal (Crambidae)" [in English]. *Acta Soc. ent. Cechoslov.*, vol. 57: pp. 267-274, 1 pl., 17 figs. 1960. As new are described: *CLASSEYA* n. gen. (type: *Argyria bicuspidalis* Hampson 1919), *C. placydioni* (Sedhiou, Senegal). Many new combinations. Genitalia are figured. [J. M.]
- Bleszyński, Stanisław, "Studies on the Crambidae. Part XXIII. New species of the generic group *Crambus* F." [in English; Polish summary]. *Bull. ent. Pologne*, vol. 30: pp. 11-22, 10 figs. 1960. As new are described: *Crambus whalleyi* (Brazil: São Paulo); *Xanthocrambus watsoni* (Maroc: Timhadit); *Mesocrambus tamsi* (Maroc: Tangier); *Calamotropa bradleyi* (S. Africa: Cape Colony); *C. azumai* (Japan: Nishinomiya). [J. M.]
- Bleszyński, Stanisław, "Studies on the Crambidae, Part XXIV. On the synonymy of the generic group *Crambus* F." [in English; Polish summary]. *Bull. ent. Pologne*, vol. 30: pp. 23-32, 3 figs. 1960. *Agriphila cyrenaicella* Rag. (= *Crambus alexandriensis* B. - Baker, n. syn.). *A. tristella* Schiff. & Den. (= *Crambus discistrigatus* Hampson, n. syn.). *A. argentistrigella* (Rag.) n. comb. (= *Crambus nebrodellus* Zerny, n. syn.). *Catoptria dimorphella* (Stdgr.) n. comb. (= *Crambus haywardi* Rebel, n. syn.). *Pediasia ribbeella* (Car.) n. comb. (= *Crambus escalerellus* Schmidt, n. syn.). *P. aridella* (Thnbg.) n. comb. (= *P. squalidalis* Hbn., n. syn.). *P. aridella caradjaella* (Reb.) (= *Crambus salinellus nepos* Rothschild, n. syn.). *P. luteella* (Schiff. & Den.) (= *Crambus uhryki* Rothschild, n. syn.). *P. siculella* (Dup.) (= *Crambus subdesertellus* Chrétien = *C. mariæ-ludovicæ* Lucas, n. syn.). *Calamotropa orontella* Rag. (= *Crambus leucaniellus* Zerny = *C. fuscilneatellus* Lucas, n. syn.). *Chrysocrambus similimellus* (M. R.) (= *Chrysocrambus lambesselus* Blesz.). [J. M.]
- Bourgogne, J., "Deux psychides nouvelles de l'Afrique occidentale (Lep. Psychidae)" [in French]. *Bull. Inst. franç. Afrique noire* (A), vol. 20: pp. 1234-1242, 14 figs. 1958. Description of two new spp. of psychids: *Manatha microcera* (Bamako, French Sudan), *M. grandis* (Nimba, French Guinea). [P. V.]
- Bourgogne, J., "La femelle d'*Amicta cabrerai*, espèce endémique des îles Canaries (Lep. Psychidae)" [in French]. *Bull. Soc. ent. France*, vol. 64: pp. 119-120, 4 figs. 1959. First description of ♀. [P. B.]

- Bourgogne, J., "La véritable identité de deux Psychidæ de la faune éthiopienne" [in French]. *Bull. Soc. ent. France*, vol. 63: pp. 218-220. "1958" [1959]. On the identity of the spp. *Psyche vuilleti* & *P. joannisi* Ch. Oberthür; these are synonyms of *Kotochalia junodi*. [P. V.]
- Bradley, J. D., "A new species of *Ochsenheimeria* Huebner from central Himalaya (Lepidoptera: Tineidæ)." *Ann. & Mag. nat. Hist.*, ser. 12, vol. 6: pp. 832-833, 1 pl. 1953. Describes as new *O. hugginsi* (Tehri-Garhwal, Rudugira Gael, 15,400 ft.). [P. B.]
- Bradley, J. D., & Brian O. C. Gardner, "*Pammene aurantiana* (Staudinger), a tortricid recently discovered in the British Isles (Lep: Tortricidæ)." *Ent. Gazette*, vol. 9: pp. 60-62, 1 pl. 1958. Redescription & record of first discovery. [P. B.]
- Bradley, J. D., "Pyrales and Microlepidoptera collected by Mr. E. W. Classey in Madeira, 1957." *Entomologist*, vol. 91: pp. 192-197, 3 figs. 1958. Describes as new *Blastobasis acuta* (Funchal). Sinks *Ephippiphora maderæ* to *Enarmonia leplastriana*; *Blastobasis flavescens* to *B. lignea*. Records of 23 spp. of micros. [P. B.]
- Bradley, J. D., "Taxonomic notes on *Leucoptera meyricki* Ghesquière and *Leucoptera coffeella* (Guérin-Méneville) (Lepidoptera, Lyonetiidæ)." *Bull. ent. Res.*, vol. 49: pp. 417-419. 1958. *L. coffeella* is neotropical; east African records of "*coffeella*" are of *L. meyricki* & other old world records are dubious. Identity & generic assignment of *coffeella* need reconsideration. [P. B.]
- Bradley, J. D., "A xylocitid moth attacking the bark of the rubber tree in Malaya." *Bull. ent. Res.*, vol. 50: pp. 9-10, 2 figs. 1959. Redescribes *Deloryctis corticivora*. [P. B.]
- Bradley, J. D., "An illustrated list of the British Tortricidæ. Part II: Olethreutinae." *Ent. Gazette*, vol. 10: pp. 60-80, 19 pls., 12 figs. 1959. Representative adults of all spp. are figured. Notes on the 7 spp. found in the British Isles since Meyrick's *Handbook*. Figures of genitalia of the 12 spp. not figured by Pierce & Metcalfe. [P. B.]
- Bradley, J. D., & D. S. Fletcher, "Lepidoptera records from the Isle of Portland and Chesil Beach, including a description of *Coleophora versurella* Zeller, a species new to the British list." *Entomologist*, vol. 92: pp. 27-33, 2 figs. 1959. Redescribes *C. versurella* & figures genitalia. List of moths from these localities. [P. B.]
- Bradley, J. D., "Additional records of Microlepidoptera collected in the Burren, Co. Clare, Ireland, in 1951 and 1952." *Ent. Gazette*, vol. 11: pp. 31-36, 12 figs. 1960. Distinguishes *Coleophora ramosella* & *C. derivatella* from *C. troglodytella*, & *C. therinella* from *C. peribenanderi*. Figures genitalia of first 4 spp. Records of 2 other *Coleophora*. [P. B.]
- Braun, Annette F., "Taxonomy of the North American species of *Bucculatrix*: correlation of genitalic structure with food plant groups." *Proc. 10th internat. Congr. Ent.*, vol. 1: p. 297. 1958. Abstract.
- Brower, Lincoln P., "Peale's *Lepidoptera Americana* and the correct name for *Papilio multicaudatus*." *Lepid. News*, vol. 12: pp. 101-102. 1959.
- Brower, Lincoln P., "Speciation in butterflies of the *Papilio glaucus* group. I. Morphological relationships and hybridization." *Evolution*, vol. 13: pp. 40-63, 8 figs. 1959. *P. pilumnus* is removed to *troilus* group. Study of larval markings, ♂ genitalia, etc. shows that *P. eurymedon*, *P. multicaudatus* & *P. rutulus* are more closely related among themselves than to the eastern *P. glaucus*. Natural hybrids, especially in overlap zones of *P. glaucus* & *P. rutulus*, and the possible origin of the spp., are discussed. [P. B.]
- Brown, F. Martin, "A new subspecies of *Cænonympha nipisiquit* McDunnough from New York State." *Journ. New York ent. Soc.*, vol. 66: pp. 63-73, 1 pl. 1958. Describes as new *C. n. heinemani* from Thousand Islands. [W. C.]
- Brown, F. M., & Bernard Heineman, "The generic name *Anetia* Huebner (Danaidæ, Rhopalocera)." *Journ. New York ent. Soc.*, vol. 66: pp. 99-102. 1958. *Anetia* takes priority over *Anelia* Hbn., as the proper name for butterflies now called *Clothilda*.

- Designates *numidia* ♀ on Huebner's plate as type specimen of *Anelia*, and *numidia* ♂ on same plate as type of *Anetia*. [W. C.]
- Burdick, William N., "A new race of *Euphydryas* from the Cascade Range of Oregon." *Lepid. News*, vol. 12: pp. 165-170, 1 fig. 1959. *E. editha remingtoni* (Mt. Thielsen, Douglas Co., Oregon). [P. B.]
- Burmman, Karl, "*Eriocrania alpinella* nov. spec. (Lepidoptera, Eriocraniidae)" [in German]. *Zeitschr. wiener ent. Ges.*, vol. 43: pp. 269-271, 1 pl., 2 figs. 1958. Type locality Vennatal, Zillertaler Alps, 1900 m.; foodplant probably *Alnus viridis*. [P. B.]
- Burns, John M., "A new species of oak-eating *Erynnis* (Lepidoptera: Hesperidae) restricted to the southern Cordillera of the United States." *Wasmann Journ. Biol.*, vol. 18: pp. 147-160, 7 figs. 1960. Describes as new *E. telemachus* (Hualapai Mts., 6,500 ft., 10 mi. SE of Kingman, Mohave Co., Arizona). Foodplant *Quercus gambeli*. [P. B.]
- Capuse, J., "ANCATA n. g. (*Tæniocampa* Gn. partim)" [in French]. *Bull. ent. Pologne*, vol. 28: pp. 167-171, 3 figs. 1958. The new genus is established for *Tæniocampa gothica*. The author gives the description of genitalia of some *Tæniocampa* spp. also. [J. M.]
- Clarke, J. F. Gates, "A new heliodinid from Illinois (Lepidoptera, Heliodinidae)." *Proc. ent. Soc. Washington*, vol. 54: pp. 138-139, 1 pl. 1952. Describes as new *Heliodines ionis* (Champaign, Ill.; foodplant *Mirabilis nyctaginea*). [P. B.]
- Clarke, J. F. Gates, "An unrecorded homonym in Gelechiidae (Lepidoptera)." *Proc. ent. Soc. Washington*, vol. 54: p. 99. 1952. Proposes *PARELECTROIDES* to replace *Parelectra* Meyrick, nec *Parelectra* Dognin (Noctuidae). [P. B.]
- Clarke, J. F. G., "The correct name for a pest of beans." *Proc. ent. Soc. Washington*, vol. 60: p. 187. 1958. *Laspeyresia fabivora* Meyrick is the correct name for *L. leguminis* Heinrich, a pest of beans in central America. [P. B.]
- Clench, Harry K., "A new cossid moth from western China (Lep. Cossidae)." *Mitt. münchener ent. Ges.*, vol. 48: pp. 82-85, 1 pl. 1958. Describes as new *SINICOSSUS* (monobasic), *S. danieli* (Omei-Shan, 7000 ft., Szechwan). [P. B.]
- Clench, Harry K., "Three interesting Lepidoptera from the Philippines." *Ann. Carnegie Mus.*, vol. 35: pp. 69-76. 1958. Describes as new *Danaus apoxanthus* (Seliban R., Mt. Apo, 7000 ft., Mindanao); *PHILIPPODAMIAS* (Agaristidae), & type *P. jocelyna* (Matuguinao, Samar Is.). Discusses related agaristid genera & transfers *claggi* to *Philippodamias*. Gives descriptive notes on *Delias levicki* & separates *apoensis* from *levicki* as good sp. [P. B.]
- Clench, H. K., "On the unusual structure and affinities of the Madagascan genus *Pseudocossus* (Lep. Cossidae)." *Rev. franç. Ent.*, vol. 26: pp. 44-49, 2 figs. 1959. The genus *Pseudocossus* has affinities with two genera isolated in Chile of the *Chilecomadia* group. These genera have a "prototympanum". [P. V.]
- Collenette, C. L., "Notes on African Lymantriidae with descriptions of new species." *Ann. & Mag. nat. Hist.*, ser. 12, vol. 6: pp. 561-578, 1 pl. 1953. Describes as new: *Olapa phæospila* (Bitje, Ja R., Cameroons); *SYCHNACEDES* (monobasic), *S. idiopsis* (Antsianaka, Madagascar); *Crorema moco* (Mt. Moco, Luimbale, Angola, 1800-1900 m.); *Marbla paradoxa heteropa* (Ogruga, Niger); *Pirgula delosema* (Solwezi, NW Rhodesia); *Euproctis aplegia* (Mafuga Rain Forest, Kigezi, Uganda), *E. silacea* (Station Perinet, E. Madagascar), *E. apoblepta* (Tananarive, Madagascar), *E. taylori* (Kampala, Uganda), *E. euryochra* (Kissenyesie, Ruanda, Kivu, 5000 ft.); *Porthesaroa aclyta* (Massadou, near Macenta, Fr. Guinea, 1600 ft.); *Aroa eugonia* (Bingerville, Ivory Coast); *HEMEROPHANES* (n. n. for *Dasycampa*, preoccupied) *eucrita* (Usambara, E. Tanganyika); *Dasychira esthlopiis* (Mountain Inn, Melsetter, S. Rhodesia), *D. allotria scæa* (Kawanda, Uganda); *Aclonophlebia macarthuri* (Mtito Andei, Kenya), *A. pinheyi* Mt. Elgon, Kenya), *A. baliocosma* (Yanongwe, Belgian Congo); *Palasea melia jacksoni* (Maroto, Karamoja, Uganda); *Lymantria kettlewelli* (Wilderness, Knysna, Cape Prov.);

- THAMBETA (monobasic), *T. haigi* (Obudu, S. Nigeria). Sinks *Pirgulina* to *Pirgula*. Gives key to spp. of *Crorema*. Notes on other spp., with some new synonymy. [P. B.]
- Collenette, C. L., "Some new Lymantriidæ from Madagascar." *Mém. Inst. scient. Madagascar*, ser. E, vol. 5: pp. 125-131, 1 pl. 1954. Description of *Euproctis perixesta* (Ankaratra Mt.); *Dasychira ambahona* (Ankaratra Mt.), *D. lygropis* (Tananarive), *D. batoides spirucha* (Tananarive), *D. viettei* (Ankaratra Mt.), *D. cydista* (Ankaratra Mt.). [P. V.]
- Collenette, C. L., "Further new species of Lymantriidæ from Madagascar." *Ann. Soc. ent. France*, vol. 128: pp. 103-120, 2 pls. 1959. Descriptions of *Leucoma lechrise-mata* (Ambatondrazaka); *Homœomeria traceræa* (Perinet); *Olapa notia* (Sakaraha), *O. terina* (Ampijoroa); *Marblepsis semna* (Maroantsetra); *Crorema viettei* (Anosibe); *Pirgula polylopha* (Perinet); *Euproctis stenobia* (Perinet), *E. eurybia* (Ambohitantely), *Dasychoprocis lasioma* (Ampolomita); *Porthesaroa xanthoselas* (Anosibe); *Homaroa tamsi* (La Mandraka), *H. frieda* (Anosibe); *Dasychira cyclota* (Ankaratra Mts.), *D. sphenosema* (Perinet), *D. sakaraha* (Sakaraha), *D. nosivola* (Nosivola), *D. polioides* (Ambatondrazaka), *D. problema* (Perinet), *D. euthyzona* (Ampolomita), *D. perissa* (Anosibe), *D. leucopsaroma* (Fanovano), *D. griveaudi* (Anosibe), *D. perinetensis* (Perinet), *D. diaereta* (Ampijoroa), *D. titan* (Ampolomita); *APHOMCEOMA*, & type *A. mesembrinum* (Bekily); *Lymantria* (Perinet), *L. hypobolimæa* (Ambalarondra). [P. V.]
- Common, I. F. B., "The occurrence of *Epinotia lantana* (Busck) (Lepidoptera: Olethreutidæ) in Australia." *Proc. Linn. Soc. N. S. Wales*, vol. 82: pp. 230-232, 2 figs. 1957. *E. lantana*, which was introduced in 1914 to control *Lantana*, is now established in eastern Australia from Cairns to Maclean. Genitalia figured and synonymy stated. [I. C.]
- Common, I. F. B., "A revision of the pink bollworms of cotton (*Pectinophora* Busck (Lepidoptera: Gelechiidæ)), and related genera in Australia." *Austral. Journ. Zool.*, vol. 6: pp. 268-306, 1 pl., 9 figs. 1958. Describes as new *P. endema* (Rockhampton, Queensland); *PEXICOPIA* (type *Gelechia desmanthes* Lower), *P. mimetica* (Grey Range, Queensland), *P. proselia* (35 mi. W. of Kihee, Queensland), *P. diasema* (Noccundra, Queensland), *P. catharia* (40 mi. E. of Tibooburra, New South Wales), *P. cryphia* (Kihee, Queensland), *P. arenicola* (Cobham Lake, New South Wales), *P. pheletes* (Roma, Queensland), *P. dascia* (Mundubbera, Queensland), *P. paliscia* (Kihee, Queensland); *MACRACÆNA*, & type species *M. adela* (Springsure, Queensland), *Decatopseustis cataphanes* (Five Fords, Australian Capital Territory). Wing venation of each genus, genitalia of both sexes and wings figured. [I. C.]
- Common, I. F. B., "The Australian cutworms of the genus *Agrotis* (Lepidoptera, Noctuidæ)." *Austral. Journ. Zool.*, vol. 6: pp. 69-88, 3 pls., 5 figs. 1958. Records nine species and describes as new *A. cygnea* (Western Australia). Genitalia of both sexes and wings figured. [I. C.]
- Common, I. F. B., "The genera of the Australian Tortricidæ (Lepidoptera)." *Proc. 10th internat. Congr. Ent.*, vol. 1: pp. 289-295, 7 figs. 1958. Erects new subfamily EPITYMBINÆ. General discussion of subfamilies and representative genera, including phylogeny. [P. B.]
- Comstock, W. P., & E. I. Huntington, "An annotated list of the Lycænidæ (Lepidoptera, Rhopalocera) of the Western Hemisphere." *Journ. New York ent. Soc.*, vol. 66: pp. 103-118. 1958. List of genera with original citations and type species, with other references. Part I. More to follow. [W. C.]
- Condamin, M., "Description d'une espèce nouvelle de *Mycæsis* (Lep. Satyridæ) (Mission P. L. Dekeyser et B. Holas au Libéria, 1948)" [in French]. *Bull. Inst. franç. Afrique noire* (A), vol. 20: pp. 1348-1351, 2 figs. 1958. Description of the satyrid *M. dekeyseri* (Touzon, Liberia). [P. V.]
- Condamin, M., "Description de la femelle de *Mycæsis dekeyseri* Condamin (Lep. Satyridæ)" [in French]. *Bull. Inst. franç. Afrique noire* (A), vol. 21: pp. 1223-1226, 3 figs. 1959. Description of neallotype female of this African satyrid. [P. V.]

- Condamin, M., "Quelques mises au point sur la synonymie de *Mycalesis* (Lep. Satyridæ)" [in French]. *Bull. Inst. franç. Afrique noire* (A), vol. 21: pp. 653-657, 2 figs. 1959. Note on the synonymy of some spp. of African *Mycalesis*. [P. V.]
- Crosson du Cormier, A., & P. Guérin, "Deux races nouvelles de *Boloria aquilonaris* Stichel (Nymphalidæ)" [in French]. *Alexanor*, vol. 1: pp. 65-67. 1959. Descriptions of two new subspecies: *B. a. ericeti* (Lower Seine, Forges les Eaux, Epinay Wood) and *B. a. toulgoëti* (Switzerland, Punt-Muraigl, 1800 m.). It is a pity to see, at this modern time, the holotypes in a private collection. [P. V.]
- Curtis, W. Parkinson, "Proposed use of the Plenary Powers to validate the specific name *dardanus* Brown, 1776, as published in the binomen *Papilio dardanus* (Class Insecta, Order Lepidoptera)." *Bull. zool. Nomencl.*, vol. 17: pp. 253-254. 1960. Request for suppression of *dardanus* Cramer, 1775, which applies to a castniid and is a junior synonym, not in use. [P. B.]
- Daniel, Franz, "Monographie der paläarktischen Cossidæ III. Das Genus *Holcocerus* Stgr." [in German]. *Mitt. münchen. ent. Ges.*, vol. 49: pp. 102-160, 4 pls. 1959. Describes as new *H. holosericeus darwesthana* (Darwesthan, 500 m., SW Afghanistan). Reviews known forms, repeating earlier descriptions. Genitalia ignored. [P. B.]
- Das, G. M., "A new psychid on tea from Assam (Lepidoptera, Heterocera)." *Entomologist*, vol. 92: pp. 198-200, 2 figs. 1959. Describes as new *Orophora triangularis* (Tocklai, Assam). [P. B.]
- Diakonoff, A., "Microlepidoptera from Madagascar." *Mém. Inst. scient. Madagascar*, ser. A, vol. 1: pp. 22-30, 8 figs. 1948. Describes as new: (Tortricidæ) *Cacœcia megalogona* (Ranohira, S. Madagascar); *Syndemis metallochroma* (Mahatsinjo, central Madagascar), *S. erratica* (central Madagascar); *SICLOBOLA* (type *unifasciana* Duponchel), *S. placida* (Tananarive); *Cnephasia imitans* (Nosy Be, N. Madagascar); (Eucosmidæ) *Enarmonia serratula* (Bekily, S. Madagascar); (Yponomeutidæ) *Ethmia oculimarginata* (Lambomakandro, S. Madagascar). [P. V.]
- Diakonoff, A., "A note on the Chlidanotidæ and allies, with descriptions of new species (Lepidoptera)." *Acta physiol. pharmacol. neerland.*, vol. 6: pp. 410-418, 5 figs. 1957. Describes as new *Metrernis tencatei* (N. Mollucas, Ternate Is., Ake Abdas, 1500 m.); (Schœnotenidæ) *Diactenis barbaræ* (same locality). Redescription of *M. ochrolina*, & record of *Schœnotenes helioconis* from Celebes [P. B.]
- Diakonoff, A., "Remarks on *Cryptophlebia* Walsingham and related genera (Lepidoptera, Tortricidæ, Olethreutinae)." *Tijdschr. Ent.*, vol. 100: pp. 129-146, 23 figs. 1957. Describes as new *PHANEROPHLEBIA* (subgenus of *Cryptophlebia*) & type *C. (P.) perfracta* (Nongkodjadjar, 1300 m., Tengger Mts., E. Java), *C. (P.) sumatrana* (Padang Highlands, Fort de Kock, 920 m., Sumatra). Redescribes *Cryptophlebia* & its type *C. ombrodelta*, *C. farraginea* (transferred from *Argyroplote*), & the related nearctic genera *Ecdytolopha* & *Pseudogalleria*; discusses phylogeny in this group. [P. B.]
- Diakonoff, A., "Zeller's types of African Tortricidæ and Glyphipterygidæ in the Stockholm Museum." *Ent. Tidskr.*, vol. 78, suppl.: pp. 69-80, 11 figs. 1958. Redescribes *Eccopsis wahlbergiana* (lectotype selected), *Sericoris scabellana*, *Grapholitha spissana*, *Syndemis saburrana*, *Bactra stagnicolana*, & *Choreutis australis* (all from holotypes); gives data on types. [P. B.]
- Diakonoff, A., "Additions to descriptions of new Olethreutidæ and Carposinidæ in the British Museum (Natural History)." *Bull. Brit. Mus. (Nat. Hist.)*, Ent., vol. 8: pp. 121-126, 6 pls., 2 figs. 1959. Describes as new *PERAGRARCHIS* (type *Meridarchis rodea*). Transfers *Meridarchis drachmophora* to *Blipta*, *M. dryas* to *Mesodica*. Figures adults, & describes & figures genitalia, of 8 spp. described by him in 1950. [P. B.]
- Diakonoff, A., "Entomological results from the Swedish expedition 1933 to Burma and British India. Microlepidoptera. II." *Ark. Zool.*, ser. 2, vol. 12: pp. 165-182, 7 pls., 6 figs. 1959. Author now regards Ceracinæ as subfamily of Tortricidæ;

- proposes ATTERIINI, new tribe of Ceracinae, for the South American *Atteria* & relatives. Describes as new: *LAMBERTIODES* (Sparganothidinae; type *Capua harmonia*); *SOCIOSA* (Tortricinae; type *Peronea macrographa*); (Olethreutinae) *Phæcasiphora* (*P.*) *jubilans*; *P.* (*MEGASYCA*) (type *P. fernaldana*), *P.* (*M.*) *cornigera burmensis*; *BRACHIOCERA* (monobasic), *B. gonioptera*; *SEMNOTOLA* (monobasic), *S. mystica*; (Tineidae) *TRIGONARCHIS* (monobasic), *T. hypoplecta*. Localities not given in this paper. Transfers *Eucosma athica* & *Argyroplote astrosema* to *Phæcasiphora*. In an appendix describes as new *P.* (*Megasyca*) *walshinghami* (Mt. Gedé-Panggrango, 1400 m., Tjibodas, W. Java), *P.* (*M.*) *latior* (Ft. de Kock, 520 m., W. Sumatra), *P.* (*M.*) *cornigera* (Khasias, Cherva Punji, Assam), *P.* (*SYCACANTHA*) (monobasic), *P.* (*S.*) *auriflora* (Vol-jung Kulon, Tjigeunteur, W. Java); gives a key to spp. of *P.* (*Megasyca*). [P. B.]
- Diakonoff, A., "Mabille's types of Malagasy Tortricidae." *Rev. franç. Ent.*, vol. 26: pp. 167-186, 22 figs., 2 pls. 1959. In this paper the types of Mabille of Tortricidae from Madagascar are redescribed and figured with their genitalia. [P. V.]
- Diakonoff, A., "Meyrick's types of Tortricidae from Madagascar in the Vienna Museum." *Ann. naturhist. Mus. Wien*, vol. 63: pp. 409-413, 1 pl., 8 figs. 1959. Redescribes *Capua crocograptæ*, *Batodes euryplaca*, *Goniortoma chersopis*, & *Argyroplote astrogenes*; figures types & genitalia. [P. B.]
- Diakonoff, A., "Revision of *Cryptasasma* Walshingham 1900 (Lepidoptera, Tortricidae)." *Zool. Verhand.*, Leiden, no. 43: 60 pp., 13 pls., 14 figs. 1959. Describes as new *C.* (*ANAPHORODES*) (type *Olethreutes anaphorana*), *C.* (*A.*) *anisopis* (Neu Bremen, Santa Catharina, Brazil); *C.* (*C.*) *athymopis* (Oconeque, 7000 ft., Carabaya, Peru), *C.* (*C.*) *microloga* (Neu Bremen); *C.* (*Allobrachygonia*) *syostoma* (Mt. Gedé-Panggrango, 1400 m., Tjibodas, W. Java), *C.* (*A.*) *glebæcolor* (Darjeeling, Assam), *C.* (*A.*) *hesyca* (Hights Place, 7000 ft., Panai, Luzon), *C.* (*A.*) *debeauforti* (Mt. Dayman, 2230 m., Maneau Range, Papua), *C.* (*A.*) *d. brachyptera* (Mt. Goliath, 5000-7000 ft., Netherlands New Guinea), *C.* (*A.*) *geina* (Parangbobo Goa, Mt. Lompobattang, S. Celebes), *C.* (*A.*) *ochrotricha* (Mt. Gede-Panggrango, 1400 m.), *C.* (*A.*) *triopis* (Commander Marianas' Hill, Guam), *C.* (*A.*) *haplophytes* (Saiko, 5500 ft., Bubu R., upper Waria R., Br. New Guinea), *C.* (*A.*) *peratra* (Mt. Rossel, 2100 ft., Rossel Is., New Guinea), *C.* (*A.*) *orphnina* (Dampier Is., New Guinea), *C.* (*A.*) *pelagia* (Aneityum, 3 mi. NE of Anelganhat, 1200 ft., Red Crest, New Hebrides); *C.* (*METASPASMA*) (type *Acharneodes atrinodis*), *C.* (*M.*) *subtilis* (Diego Suarez, N. Madagascar). Redescribes known spp. in above subgenera & in subgenus *Microcorses*; some new combinations. Also discusses some superficially similar spp.; describes as new: *Collogenes plumbosa* (New Hannover, Bismarck Islands), *C. pseusta* (Lindu Palu, 3700 ft., Palu Distr., W. central Celebes); *MESOCALLYNTERA*, & type *M. squamosa* (Lindu Palu), *M. s. loricata* (Hydrographer Mts., 2500 ft., Br. New Guinea), *M. siderostola* (Araucaria Camp, 800 m., Snow Range, central Netherlands New Guinea); *Cryptophlebia macrops* (Amshaw, King Williamstown, Cape Colony, S. Africa); (Copromorphidæ) *Copromorpha macrolepis* (Lindu Palu). Also redescribes *Collogenes percnophylla*, *Cryptophlebia cnemoptila*, & *C. encarpa*. Corrects description of *Melanalopha lathræa* & sinks his family Melanalophidae to Laspeyresini. [P. B.]
- Drenovsky, A. K., "*Cripsedra niphopasta* Obth. ssp. n. *bulgarica* aus Bulgarien" [in Bulgarian; Russian & German summaries]. *Bull. Inst. bulg. Acad. bulg. Sci.*, vol. 2: pp. 373-376, 1 fig. 1953. New ssp. is discovered in the environs of Sofia (Vitosa Mt.); a short diagnosis in German. [J. M.]
- Dufay, Cl., "Contribution à l'étude des *Abrostola* paléarctiques et africaines (Lep. Noctuidæ Plusiinae)" [in French]. *Bull. mens. Soc. linn. Lyon*, vol. 27: pp. 156-162, 1 pl. 1958. Contribution to study of the palearctic and African *Abrostola*. Describes as new *A. ussuriensis* (Ussuri, Nikolsk) and *A. congolensis* (Belgian Congo, Elisabethville). Note on the geographical repartition of *A. agnorista*. [P. V.]

- Dufay, Cl., "Contribution à l'étude des *Nycteola* Hb. (*Sarrothripus* Curt.) françaises (Lep. Noct. Nycteolinæ) (Contribution à l'étude des Noctuidæ Quadrifinæ IX)" [in French]. *Lambillionea*, vol. 58: pp. 21-27, 1 fig. 1958. Summarizes color & pattern characters, variation, & local distribution of the 5 spp. (6 sspp.) found in France; names an "ab." of *N. asiatica*. [P. B.]
- Dufay, Cl., "Mise au point de la synonymie des *Nycteola* Hb. (*Sarrothripus* Curt.) européennes (Lep. Noctuidæ Nycteolinæ)" [in French]. *Bull. mens. Soc. linn. Lyon*, vol. 27: pp. 108-120. Note on the synonymy of the European spp. of this genus. The author has examined some types. [P. V.]
- Dufay, D., "Révision des *Nycteola* Hübner (*Sarrothripus* Curtis) paléarctiques (Lep. Noctuidæ Nycteolinæ)" [in French]. *Ann. Soc. ent. France*, vol. 127: pp. 107-132, 3 pls., 12 figs. "1958" [1959]. Revision of the palearctic spp. of this genus, with the study of the variation of the coloration of the anterior wings and description of some new "forms". [P. V.]
- Dufay, Cl., & Ch. Boursin, "Description d'une nouvelles espèce d'*Hoplodrina* Brsn. du Midi de la France (Lep. Noctuidæ, Amphipyridæ) (Note préliminaire)" [in French]. *Bull. mens. Soc. linn. Lyon*, vol. 29: pp. 28-29. 1960. Description of a new species from south France: *H. hesperica* (Basses-Alpes, St.-Michel-l'Observatoire). [P. V.]
- Dufrane, Abel, "Microlépidoptères de la faune belge (huitième note)" [in French]. *Bull. Inst. Roy. Sci. nat. Belg.*, vol. 33, no. 32: 16 pp., 3 figs. 1957. Describes as new *Elachista postremella* (Ciply, Belgium); also "forms" of many spp. New to Belgium: *Eupista æripennis*, *Stigmella pyri*, *Narycia astrella*. Notes on distribution, variation, & biology of many spp. [P. B.]
- Ehrlich, Paul R., "The comparative morphology, phylogeny and higher classification of the butterflies (Lepidoptera: Papilionoidea)." *Univ. Kansas Sci. Bull.*, vol. 39: pp. 305-370, 64 figs. 1958. Comparative morphological study of some 300 spp. of butterflies, belonging to all major groups, with some other Lepidoptera for comparison. Characters studies are mainly external. Primitive and specialized conditions are specified for many characters. Only 5 families, with 19 subfamilies, are recognized. Among noteworthy points are the inclusion of Styginæ and Riodininae under Lycænidae, and of *Heliconius* and relatives under Nymphalinae. The Papilionidae are shown to be highly specialized rather than primitive. This conservative but comprehensive treatment of the superfamily deserves recognition in future classifications. Keys to families and subfamilies. [P. B.]
- Ehrlich, Paul R., "A note on the systematic position of the butterfly genus *Calinaga* (Nymphalidae)." *Lepid. News.*, vol. 12: p. 173. 1959.
- Ehrlich, Paul R., & Harry K. Clench, "A new subgenus and species of *Callophrys* (s. l.) from the southwestern United States (Lepidoptera: Lycænidae)." *Ent. News*, vol. 71: pp. 137-141, 1 pl. 1960. Describes as new *C. (SANDIA)*, & type *C. (S.) mcfarlandi* (La Cueva Canyon, elev. 6300 ft., Sandia Mts., Bernalillo Co., New Mexico). Larvæ on flower heads of *Nolina microcarpa*. [P. B.]
- Evans, David, "A revision of the genus *Enyptia* (Lepidoptera: Geometridæ)." *Ann. ent. Soc. Amer.*, vol. 53: pp. 560-574, 30 figs. 1960. Redescribes genus & the 4 spp. *E. venata*, *E. griseata*, *E. packardata*, & *E. coolidgei*. Sinks *perangulata* Hulst to *venata* & *moillietti* Blackmore to *griseata*. Descriptions of early stages & biology, & parasite records, are included. [P. B.]
- Evans, W. H., "Notes on Hesperiidæ (Lepidoptera) from Madagascar." *Natur. malgache*, vol. 4: pp. 87-88, 1 fig. 1952. Description of ♂ of *Fulda imorina* Evans; describes as new *F. bernieri pauliani* (Tsaratanana Mt.). [P. V.]
- Ferguson, Douglas C., "A nearctic race of *Syngrapha microgamma* Hübner, with remarks on the status of *montana* Packard (Lepidoptera: Phalaenidae)." *Bull. Brooklyn ent. Soc.*, vol. 50: pp. 23-27, 10 figs. 1955. Describes as new *S. m. nearctica* (Goodwood, Prospect Road, Halifax Co., Nova Scotia; in sphagnum bog). *S. montana* is a distinct sp. [P. B.]

- Ferguson, Douglas C., "The status of *Perizoma grandis* Hulst (Lepidoptera, Geometridæ)." *Bull. Brooklyn ent. Soc.*, vol. 50: pp. 54-56, 2 figs. 1955. Distinguishes *P. grandis*, which occurs in the eastern U. S. & Canada as well as on the Pacific coast, from *P. basaliata*, on pattern & ♀ genitalia. [P. B.]
- Fletcher, D. S., "A revision of the genus *Carecomotis* (Lep. Geometridæ)." *Ann. & Mag. nat. Hist.*, ser. 12, vol. 6: pp. 100-142, 4 pls. 1953. Describes as new *C. cucullata* (Assam, Naga Hills, 1500-2000 ft.), *C. c. fusconebulata* (Sumatra, Lebong Tandai), *C. monodactyla* (Dutch New Guinea, Faf-Fak, 1700 ft.), *C. purissima* (New Ireland), *C. batillata* (Philippines, Luzon, Benguet, Klondyke, 800 ft.), *C. onycha* (Assam, Naga), *C. o. amplissima* (S. India, Kanara), *C. o. hasata* (E. Java, Djoenggo Ardjoeno, 4500 ft.), *C. o. cultrata* (Sumbawa), *C. o. serrata* (W. Celebes, Paloe, G. Tompoe, 2700 ft.), *C. o. limitata* (Philippines, Luzon, Los Banos), *C. o. acuata* (Br. New Guinea, Upper Aroa R.), *C. taprobana* (Ceylon, Uva Prov., Mandulsima), *C. kalisi* (E. Java, Kletak Tengger, 6000 ft.), *C. biclavata* (W. Sumatra, Lebong Tandai), *C. inornata* (Java), *C. fasciata* (SW Sumatra, N. Karintji Valley, 5000 ft.), *C. olivata* (SW Celebes, Pangean, near Maros, 2000 ft.), *C. propulsaria fieldi* (Philippine Is., Mindanao, Surigao), *C. olivomaculata* (W. Celebes, G. Tompoe, 2700 ft.), *C. t. rostrata* (E. Java, Trettes, 3000 ft.), *C. r. moniliata* (Queensland, Townsville), *C. falculata* (S. India, Travancore, Permed), *C. tenebrata* (Naga Hills, 1500-3000 ft.), *C. t. acutiorata* (E. Java, Nongkodjadjar, 4000 ft.), *C. t. arcuata* (SW Celebes, Pangean, near Maros, 2000 ft.), *C. t. buruensis* (central west Buru, Gamoe 'Marapat, 5000 ft.), *C. t. fumata* (Dutch New Guinea, central Arfak Mts., Ninay Valley, 3500 ft.), *C. t. parviorata* (Queensland, S. of Cooktown, Cedar Bay), *C. inoffensa cinereomarginata* (Assam, Khasia Hills), *C. i. glauca* (Sumatra, Ft. de Kock, 920 m.), *C. i. minorata* (Philippines, Los Banos), *C. i. exsilata* (Solomon Is.), *C. indiga* (central Buru, Kako Tagalago, 2700 ft.), *C. costiplaga* (Br. New Guinea, Upper Aroa R.), *C. c. flaviorata* (Dampier Is.), *C. c. ferrata* (New Britain, Talesea), *C. c. eichhorni* (St. Matthias Is.), *C. c. umbrata* (Queensland, S. of Cooktown, Cedar Bay), *C. pupillata fuliginata* (W. Celebes, Paloe, G. Tompoe, 2700 ft.), *C. p. luzonensis* (Philippines, Luzon, Benguet, 800 ft.), *C. buxtoni* (New Hebrides, Santos Is., Hog Harbour), *C. perfumosa extendata* (Dutch New Guinea, central Arfak Mts., Ninay Valley, 3500 ft.), *C. forficulata* (New Ireland), *C. levata* (Solomons, Tulagi Is.), *C. albobrunneata* (Rook Is.), *C. a. cordata* (New Ireland), *C. sabulata* (Dutch New Guinea, Sawia), *C. s. inconspicuata* (Australia, Brisbane), *C. contiguata brooksi* (Sarawak, Bidi), *C. c. imparata* (E. Java, Djoenggo Ardjoeno, 4500 ft.), *C. c. bigladiata* (Philippines, Luzon, Mt. Makiling). Also names two "abs." Redescribes genus & known spp.; figures genitalia of many. Gives key based on ♂ genitalia. [P. B.]
- Fletcher, D. S., "Notes on North American species of *Nycteola* (Lepidoptera, Noctuidæ)." *Journ. New York ent. Soc.*, vol. 67: pp. 51-52, 1 pl. 1959. Figures ♀ genitalia of *N. frigidana*, *N. columbiana*, *N. cinereana*, & *N. scriptana*, & ♂ genitalia of last. Sinks *Subrita latifasciella* to *N. frigidana*, *S. metaspilella* to *N. scriptana*; *N. lintnerana* (type lost) perhaps a synonym of *N. frigidana*. An unnamed sp. occurs in SW U.S. [P. B.]
- Fletcher, D. S., "Three new species of Heterocera from northern Ethiopia." *Entomologist*, vol. 92: pp. 45-48, 1 pl., 6 figs. 1959. Describes as new: (Hadeninae) APOSPASTA, & type *A. sabulosa* (Simien, Lori) (9 other spp. placed here); (Acronictinae) *Mimleucania oreias* (Simien, above Lori, 12,000 ft.); (Ennominae) *Epigynopteryx scotti* (Simien, near Mindigabsa, 10,000 ft.). [P. B.]
- Fox, Richard M., "A postscript on the ithomine tribe Tithoreini." *Journ. New York ent. Soc.*, vol. 68: pp. 152-156, 1 fig. 1960. Describes as new *Patricia demylus gemellus* (Taunas, Bolivia, 5400 ft.). Some new synonymy & records in *Patricia* & *Tithorea*, & revised key to *Patricia*. [P. B.]

- Franclemont, J. G., "Four undescribed moths from eastern North America, with notes on closely related species (Lepidoptera, Phalaenidae olim Noctuidae)." *Bull. Brooklyn ent. Soc.*, vol. 47: pp. 123-137, 4 pls. 1952. Describes as new: *Euagrotis forbesi* (Claremont, New Hampshire); *Leucania linda* (Arlington, Virginia); *Eupsilia cirripalea* (Arlington, Virginia); *Apamea smythi* (Montgomery Co., Virginia). Redefines *Euagrotis lubricans*, *E. illapsa*, *Eupsilia sidus*, & *E. vinulenta*, with figures of genitalia. [P. B.]
- Franclemont, J. G., "A new species of *Copablepharon* (Lepidoptera, Noctuidae, Noctuinae)." *Bull. Brooklyn ent Soc.*, vol. 49: pp. 25-27, 3 figs. 1954. Describes as new *C. hopfingeri* (Bar, Washington). [P. B.]
- Franclemont, John G., "The identity of *Homoptera lineosa* Walker (Lepidoptera, Noctuidae, Catocalinae)." *Bull. Brooklyn ent. Soc.*, vol. 49: p. 120, 1 fig. 1954. Synonym of *Zale minerea*; *Z. "lineosa"* of Franclemont, 1950, should be known as *Z. galbanata*. [P. B.]
- Franclemont, John G., "A new species of *Abagrotis* (Lepidoptera, Noctuidae)." *Bull. Brooklyn ent. Soc.*, vol. 50: pp. 44-46, 3 pls. 1955. Describes as new *A. crumbi* (White Swan, Washington), & *A. c. benjamini* (East New York, N.Y.). [P. B.]
- Franclemont, John G., "The genus *Euclidia*, with the description of a new species (Lepidoptera, Noctuidae, Catocalinae)." *Bull. Brooklyn ent. Soc.*, vol. 52: pp. 5-15, 1 pl., 11 figs. 1957. Describes as new *E. ardita* (Mt. San Hedrin, Mendocino Co., Calif.). Discusses nomenclature (strictly speaking *Euclidia* should replace *Schinia* & this genus should be known as *Ectypa*); distinguishes genus from *Gonospileia*; gives synonymy & notes on the other 3 spp. [P. B.]
- Freeman, H. A., "A revision of the genera of the Megathymidae, with the description of three new genera." *Lepid. News*, vol. 12: pp. 81-92, 1 pl. 1959. Describes as new AGATHYMUS (type *Megathymus neumoegeni*); TURNERINA (type *M. hazela*); & STALLINGSIA (type *M. maculosus*).
- Freeman, H. A., "Notes on *Agathymus* in Texas, and the description of a new species from Mexico (Megathymidae)." *Journ. Lepid. Soc.*, vol. 14: pp. 58-62, 1 pl. 1960. Describes as new *A. fieldi* (Guadalajara, Mex., Highway 15, Kilometer 724, 4400 ft.).
- Friese, Gerrit, "*Bryophila divisa* Esp., *Ocnerostoma copiosella* Frey, *Depressaria eremitella* Stt., neu für Nordost- Deutschland (Lepidoptera)" [in German; English & Russian summaries]. *Beitr. Ent.*, vol. 9: pp. 196-198, 2 figs. 1959. New records for Berlin area. *O. copiosella* is distinguished from *O. pinariella*. [P. B.]
- Friese, Gerrit, "*Dysauxes punctata* (F.) und *famula* (Frr.) und ihre Rassenkreise (Lep. Syntomidae)" [in German]. *Deutsche ent. Zeitschr.*, N. F., vol. 6: pp. 250-259, 2 figs. 1959. Describes as new *D. f. pontica* (Slatnité Pjastzi, near Varna, Bulgaria), *D. f. haberhaueri* (Taurus). Distinguishes *famula* from *punctata*; re-assigns & redefines sspp., sinking several names. [P. B.]
- Friese, Gerrit, "Revision der paläarktischen Yponomeutidae unter besonderer Berücksichtigung der Genitalien (Lepidoptera)" [in German; Russian & English summaries]. *Beitr. Ent.*, vol. 10: pp. 1-131, 3 pls., 91 figs. 1960. Describes as new PSEUDOCALANTICA (type *Niphonympha anas*); Kessleria albanica (Nika, Albania), *K. tatrica* (Tatra), *K. pyrenaea* (Mt. Canigou, E. Pyrenees), *K. caucasica* (Kiral, W. Caucasus), *K. longipenella* (Petrosawodsk, Karelia); NORDMANIANA (type *Zelleria ribesiella*); PSEUDOSWAMMERDAMIA (type *Tinea combinella*); PARASWAMMERDAMIA (type *Swammerdamia lapponica*), *P. iranella* (Keredi, Elburz Mts.), *P. ornichella* (Sarepta, S. Russia); BANGHAASIA, & type *B. ildefonsella* (S. Ildefonso, Spain). A complete revision of the family, based on all available palearctic material, including many types, and taking into consideration external morphology, genitalia, larval structure, & biology. Earlier classifications are criticized; the family is redefined, Plutellidae & Argyresthiidae are distinguished, and some 15 genera are transferred to other families, leaving 13 genera & 47 spp. in palearctic Yponomeutidae. Keys to genera & spp.; redescrptions & figures of genitalia. Numerous new synonyms. [P. B.]