

RECENT LITERATURE ON LEPIDOPTERA

Under this heading are listed publications on Lepidoptera from all scientific periodicals available to our cooperating abstractors. It is intended that every paper and book related to Lepidoptera and published in any part of the world after 1946 will be included. *Abstracts give all new species, subspecies, genera, and higher categories, with type localities and generotypes, but varieties, aberrations, etc. are omitted.* Papers from *The Lepidopterists' News* are listed but not abstracted. Initials of cooperating abstractors are as follows: [P.B.] — P. F. BELLINGER; [A.D.] — A. DIAKONOFF; [W.H.] — WALTER HACKMAN; [N.O.] — NICHOLAS OBRAZTSOV; [C.R.] — C. L. REMINGTON; [J.T.] — J. W. TILDEN; [P.V.] — PIERRE E. L. VIETTE.

B. SYSTEMATICS AND NOMENCLATURE

- Amsel, H. G., "Ueber einige von Ragonot und Dumont beschriebene paläarktische Microlepidopteren des Pariser Museums" [in German]. *Rev. franç. Ent.*, vol. 20: pp. 223-230, 11 figs. 1953. Descriptions and figures of ♂ genitalia of *Cephis chretienellus*, *Pempelia fraternella*, *Brepbia tortilisella*, *Salebria venustella*, *S. fasciculatella*, *S. (Laodamia) tablaella*, *Capparidia ghadaialis*, *Eulia pierre-louyana*. Discussion of every species is given and a new genus is described: *ASALEBRIA* (type *S. venustella* Rag.). [P.V.]
- Aubert, Jacques F., "Revision des types et de la collection F. de Rougemont" [in French]. *Rev. franç. Lépid.*, vol. 14: pp. 108-115, 2 pls., 3 figs. 1954. Revision and study of the types and the collection of F. DE ROUGEMONT, author of a collection of the Lepidoptera from the Swiss Jura. [P.V.]
- Aubert, J. F., & Ch. Boursin, "Les Phalénides (Noctuelles) du Jura (Revision de la nomenclature et introduction à la faune des Macrolépidoptères du Jura)" [in French]. *Bull. Mens. Soc. Linn. Lyon*, vol. 22: pp. 115-126. 1953. A very useful list, with the up to date nomenclature, of the Phalaenidæ (Noctuidæ) of the Jura mountains. This list is, in part, the result of the studies of M. CH. BOURSIN and is very important but unfortunately incomplete. [P.V.]
- Berger, L. A., "Descriptions préliminaires de *Mylothris* nouveaux du Musée royal du Congo belge (Lepidoptera Pieridæ)" [in French]. *Rev. Zool. Bot. Afric.*, vol. 46: pp. 319-322. 1952. Describes as new *M. schoutedeni*, *M. sjöstedti becqui* (with also a new form), *M. nubila fontainei*, and a new form of *M. yulei ertli*, all from Belgian Congo. [P.V.]
- Berger, L. A., "Sur la validité du genre *Cymothoe* Hübner 1819 (Lep. Nymphalidæ)" [in French]. *Lambillionea*, vol. 52: pp. 65-67. "1952" [1953]. Shows that *Cymothoe* Rafinesque is a *lapsus calami* and that *Cymothoe* Hübner is not pre-occupied. [P.V.]
- Berger, L. A., "*Aphnaeus* nouveaux du Congo Belge (Lep. Lycenidæ)" [in French]. *Lambillionea*, vol. 52: pp. 68-70. "1952" 1953. Describes as new *Aphnaeus affinis* subsp. *seydeli* (Elizabethville, Belgian Congo) and two new forms of *A. orcas*. [P.V.]
- Bernardi, G., C. Herbulot, & J. Picard, "Liste des Grypocères et Rhopalocères de la faune française conforme aux Règles Internationales de la Nomenclature" [in French]. *Rev. franç. Lépid.*, vol. 11: pp. 377-384, 420-431; vol. 12: pp. 329-334. "Oct/Nov. [16 Dec.] 1948; "Dec. 1948" [10 Feb. 1949]; "Nov./Dec. 1950" [8 May 1951]. These parts cover all diurnals except Satyridæ and Libytheidæ. All valid genera, subgenera, and species are listed, with synonyms; there are notes on nomenclature and a brief bibliography for each family. [P.B.]
- Błeszyński, Stanisław, "Materialien zur Kenntnis der Gattung *Crambus* F.: Teil IV. Ein neuer europäischer *Crambus* aus der Gruppe '*geniculeus* Haw.'" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 37: pp. 148-151, 1 pl. 15 Dec. 1952. Describes as new *C. tolli* (Ragusa, Dalmatia) and discusses relationships in this group; figures adults and ♂ genitalia. [P.B.]
- Bourgogne, Jean, "Un ouvrage intéressant les lépidoptéristes. Le *Traité de Zoologie* de P.-P. Grassé [in French]. *Rev. franç. Lépid.*, vol. 13: pp. 253-255. "May/June/Sept." [15 Nov.] 1952. Summarizes author's classification of Lepidoptera, as given in the work reviewed. [P.B.]

- Bourgogne, J., "Nouvelle description d'*Oreopsyche colossa* A. Bang-Haas, bona species et description d'une forme inédite de cette espèce" [in French]. *Rev. franç. Ent.*, vol. 21: pp. 65-71, 13 figs. 1954. New description of *O. colossa* (Psychidae), considered as valid species, with the description of a new subspecies *melanura* from Portugal. [P.V.]
- Bourgogne, J., & H. de Lesse, "Un rhopalocère de plus à inscrire au Catalogue des Lépidoptères de France: *Euphydryas ichnea* Bdv. (=intermedia Mén.) (Nymphalidae)" [in French]. *Rev. franç. Lépid.*, vol. 13: pp. 143-152, 1 pl., 1 map. "Nov./Dec. 1951" [28 March 1952]. Redescribes species; discusses range, biology, and systematic position. [P.B.]
- Boursin, Charles, "Zwei neue *Agrochola* Hb.-Arten (*Orthosia* auct.) aus der Umgebung von Ochrid in Mazedonien. Beiträge zur Kenntnis der 'Agrotidae-Trifinae' LVI" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 38: pp. 62-66, 1 pl. 1 April 1953. Describes as new from Macedonia *A. wolfschlägeri*, *A. thurneri*, and a "form" of the latter; figures ♂ genitalia of these and of 3 other spp. (including *A. pauli*, a valid species). [P.B.]
- Boursin, Charles, "Über die systematische Stellung von '*Hiptelia*' *apfelbecki* Rbl. nebst Beschreibung einer neuen Gattung. (Beiträge zur Kenntnis der 'Agrotidae-Trifinae' LVII)" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 38: pp. 68-70, 1 pl. 1 April 1953. Describes as new *PSEUDOXESTIA* (Zenobiinae) for "*H.*" *apfelbecki*. Discusses status of *Hiptelia* (synonym of *Amathes*) and *Xestia* (monotypic, in Heliethiinae) and of species formerly assigned to them. Figures ♂ genitalia of *P. apfelbecki*, 2 related Zenobiinae, and 3 other "*Hiptelia*". [P.B.]
- Clarke, J. F. Gates, "The moths of the genus *Coptotelia* Zeller (Lepidoptera: Ecophoridae)" [in English, Spanish summary]. *Acta Zool. Lilloana*, vol. 11: pp. 335-352, 5 pls. 13 Dec. 1951. Describes as new *C. allardi* (Tingo María, Peru); *C. complicata* (Sta. Catharina, Brazil); *C. pecten* (Volcán, Sta. María, Guatemala); *C. cyathopoides* (Zamora, Ecuador); *C. perseaphaga* (San Pedro de Montes de Oca, Costa Rica; on avocado leaves); *C. gioia* (Incachaca, Cochabamba, Bolivia); *C. terminalis* (Teapa, Tabasco, Mexico); *C. elena* (São Paulo de Olivença, Amazonas, Brazil). Removes *Coptotelia* from synonymy under *Hypercallia*. Figures adults and genitalia of all spp. (including the nine previously described). [P.B.]
- Descimon, H., & H. de Lesse, "Découverte d'un nouvel *Erebia* dans les Hautes-Pyrénées" [in French]. *Rev. franç. Lépid.*, vol. 14: pp. 119-122, 1 pl. 1954. Description of a new species of *Erebia*, *E. serotina* (Cauterets, Pyrenees Mts.), a species in the *epiphron* group. Location of the holotype not given. [P.V.]
- Dufrane, A., "Saturniidae d'Afrique" [in French]. *Bull. Mens. Soc. Linn. Lyon*, vol. 22: pp. 234-248. 1953. List of species collected in French Ivory Coast, Portuguese Angola, and Belgian Congo. *Eustera pobli* (Belgian Congo) and *Tagoropsis genoviefæ centralis* (Belgian Congo) described as new, also new "forms" of *Epiphora albida*, *E. ploetzi*, *Pselaphelia gemmifera*, *Pseudantherea discrepans*, and *Decachorda rosea*. [P.V.]
- Dumbleton, L. J., "A new genus of seed-infesting micropterygid moths." *Pacific Sci.*, vol. 6: pp. 17-29, 11 figs. Jan. 1952. Describes as new *AGATHIPHAGA* [type *A. vitiensis* nov. (Fiji)], and *A. queenslandensis* (Como, and Maryborough, Queensland). These extraordinary insects, somewhat intermediate between the Micropterygidae and Eriocraniidae, are internal feeders, as larvae, in seeds of the Kauri Pine, *Agathis*. All stages are described and figured in great detail, and an unknown hymenopterous parasite larva is recorded. [P.B.]
- Evans, W. H., *A catalogue of the American Hesperiidæ including the classification and nomenclature adopted in the British Museum (Natural History). Part I. Introduction and Group A — Pyrrhopyginae*. 92 pp., 9 pls. London: British Museum, 1951. The work is in the form of running keys, one to the "sections" and genera of Pyrrhopyginae, and succeeding ones to the species and subspecies of each genus. Describes as new: *Pyrrhopyge phidias rusca* (Huambo, Peru), *P. aziza lexos* (British Guiana), *P. a. troja* (San Ramon, Peru), *P. a. arbor* (Venezuela), *P. pusca* (Chanchamayo, Peru), *P. proculus cintra* (Vila Nova Amazonas, Brazil), *P. infantilis agala* (San Jacintho, Bolivia), *P. tiberices ponicia* (Cayenne, French Guiana), *P. t. folia* (Bogotá, Colombia), *P. amythaon gradens* (Pará, Brazil), *P. a. polka* (French Guiana), *P. a. perula* (La Merced, Peru), *P. a. orino* (Maipures, Orinoco), *P. a. pollio* (Chaquimayo, Peru), *P. a. podina* (Bolivia), *P. sergius selina* (Pará, Brazil), *P. s. andros* (Bogotá, Colombia), *P. s. semana* (Maroni, French Guiana), *P. charybdis*

- semita* (Theresopolis), *P. phylleia delos* (S. E. Peru), *P. arax* (Bolivia), *P. papius pasca* (Cauca, Colombia), *P. frona* (Inca, Perene, Peru), *P. melanomerus patma* (Zamora, Ecuador), *P. placeta* (Espiritu Santo, Brazil), *P. hadassa henna* (Huambo, Peru), *P. h. banga* (Huanaco, Pozuzo, Peru), *P. b. halma* (Bolivia), *P. terra* (Bolivia), *P. telassina tagra* (Huambo, Peru), *P. t. shiva* (2,000', S. Ernesto, Bolivia), *P. telassa silex* (Inca, Perent, Peru), *P. sadia* (Sarayacu, Ecuador), *P. crista* (Apolobamba, Bolivia), *P. chalybea chloris* (Guerrero, Mexico), *P. hygieia zepha* (Zamora, Ecuador); *ELBELLA* (type *Pyrrhopyge seylla* Mén.), *E. intersecta strova* (Suapure, Venezuela), *E. i. peter* (Belem, Pará), *E. i. ilona* (R. Araguayra, Goyaz), *E. i. chia* (Madeira R.), *E. losca* (Chapada, Matto Grosso), *E. patrobas blanda* (Pebas, Amazonas), *E. azeta lustra* (Bogotá), *E. umbrata acala* (Manaure, Colombia), *E. etna etna* (Teffe, Amazonas), *E. e. moda* (La Merced, Peru), *E. zesta* (French Guiana); *ZONIA*, and its type *Z. zonia* (Teffe, Amazonas); *Jemadia hewitsonii pater* (Bogotá), *J. b. ovid* (Paramba, Ecuador), *J. fallax fisca* (Bogotá), *J. f. fida* (Carabaya, S. Domingo, Peru), *J. f. filta* (Pebas, Amazonas); *Mimoniades lomax* (Marcapata, E. Peru), *M. montra* (Huancabamba, Peru), *M. porus mortis* (Chachapoyas, Amazonas, Peru); *Ardaris eximia hantra* (Paramos de Companeiro, Est. Merida, Venezuela, 13,500'); *Amenis pionia picia* (Colombia); *HEGESIPPE* (type *Sarbia hegesippe* Mab. & Boulet); *Sarbia oneka soza* (Castro, Parana); *Metardaris cosinga catana* (Limbani, Carabaya, Peru), *M. c. circe* (Bolivia), *M. c. cedra* (Abre de Colomi, Bolivia); *Mysoria barcastus alta* (Trinidad, B. W. I.), *M. b. antila* (Santarem), *M. b. barta* (Paraguay); *Myscelus amystis mullra* (Mavea Valley, Colombia), *M. a. mysus* (Harapote, E. Peru), *M. epimachia verina* (Zamora, Ecuador), *M. e. edix* (Sapucay, Paraguay), *M. pardalina guarea* (Belem, Pará); *PASSOVA* (type *Pyrrhopyge passova* Hew.), *P. ganymedes gulia* (Loja, Ecuador), *P. g. gelina* (Chanchamayo, Peru), *P. glacia* (French Guiana), *P. greta* (Huancabamba, Peru), *P. vilna vilna* (Bueyes, Bolivia), *P. v. vanta* (Bolivia), *P. passova rudex* (Chanchamayo, Peru), *P. p. practa* (Parana), *P. p. stacer* (British Guiana); *ASPITHA* (type *Pyrrhopyge aspiha* Hew.), *A. teffa* (Teffe, Amazonas). For each form, the type locality, published figure (if any), and localities of British Museum specimens are listed. ♂ genitalia of all spp. and many sspp. are figured. The catalogue will eventually cover all American Skippers. [P.B.]
- Evans, W. H., "Notes on Hesperiidæ from Madagascar (Lepidoptera)." *Naturaliste Malgache*, vol. 4: pp. 87-88, 1 fig. 1952. Describes as new *Fulda bernieri* subsp. *pauliani* and the ♂ of *F. imorina* the Tsaratanana Mts. [P.V.]
- Field, William D., "A revision of *Eurema* Hübner subgenus *Teriocolias* Röber" [in English, Spanish summary]. *Acta Zool. Lilloana*, vol. 9: pp. 359-373, 3 pls. "1950" [25 Oct. 1951]. Describes as new *E. (T.) riojana mathani* (Chachapoyas, Amazonas, Peru). Redescribes the three spp. and the 4 recognized subspp. of *E. riojana*. Figures adults and genitalia. [P.B.]
- Foltin, Hans, "*Biston* (*Pœciliopsis*) *isabellæ* Harr." [in German]. *Zeits. Wiener Ent. Ges.*, vol. 34: pp. 39-42. 15 March 1949. Distinction from *B. lapponaria*; distribution in Austria. [P.B.]
- Foltin, Hans, "Eine Lokalrasse der *Oreopsyche muscella* F." [in German]. *Zeits. Wiener Ent. Ges.*, vol. 35: pp. 15-16, 1 pl. 20 March 1950. Describes as new *O. m. palustrella* (Ranshofen, near Braunau a. Inn); figures adults. [P. B.]
- Hasbrouck, Frank Flinn, "A revision of the Acrolophidæ (Microlepidoptera) of America north of Mexico based on the male genitalia." *Diss. Abs.*, vol. 14: pp. 426-427. Feb. 1954. [Abstract only.]
- Hayward, Kenneth J., "Satiridos argentinos nuevas para la ciencia (Lep. Satyridæ)" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 8: pp. 151-159, 3 figs. 31 Dec. 1949. Describes as new *Taygetis modesta* (Puerto Bemberg, Misiones); *Manerebia monops* (Catamarca); *Pronophila thelebe australis* (Quebrada de Lules). Proposes *NEOMANIOLA* n.n. for *Pseudomaniola* Weymer (nec Röber). Redescribes *Maniola yacantoensis*. [P.B.]
- Hayward, Kenneth J., "Nuevas especies y formas de Riodinidæ de Argentina y Bolivia (Lep. Rhop.)" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 8: pp. 197-201, 1 fig. 31 Dec. 1949. Describes as new *Orimba myrtis mesembrina* (Santa Cruz, Bolivia); *Apodemia castanea notia* (Villa Ana. Sta. Fe, Argentina); *Hamearis phyciodes* (Cote Lai, Sta. Fe); also describes and names two "forms" and one aberration. [P.B.]
- Hayward, Kenneth J., "Nuevas especies de Lycænidæ de la Argentina (Lep. Rhop.)" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 8: pp. 567-581, 7 figs. 31 Dec. 1949. Describes as new *Thecla amethystina* (Villa Nougues, Tucumán),

- T. ellida toba* (Villarica, Paraguay), *T. ocrisia lita* (Tucumán), *T. cana* (Villa Nougues, Tucumán), *T. eumorpha* (Puerto Bemberg, Misiones), *T. vena sparsa* (Villa Nougues, Tucumán), *T. eremica* (Catamarca), *T. diaguaita* (Villa Nougues, Tucumán); *Ipidecla euprepes* (Sta. María, Misiones); *Itylus oreopola* (Casa de Piedra del Río de la Puerta, Tafli, Tucumán); also one "form". [P.B.]
- Hayward, Kenneth J., "Catalogo sinonimico de los ropaloceros argentinos excluyendo Hesperiidæ" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 9: pp. 85-281. "1950" [25 Oct. 1951]. Lists the 187 genera and 650 spp. and sspp. of Papilionoidea known from Argentina, as well as described "forms" and aberrations, with references, synonymy, and known localities. Index to all names, including synonyms. [P.B.]
- Hayward, Kenneth J., "Las especies y formas argentinas del genero *Adelpha* (Lep. Nymphalidæ)" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 9: pp. 375-393, 19 figs. "1950" [25 Oct. 1951]. Lists, with notes, citations, and a key, all described species and forms known from Argentina; figures ♂ genitalia or valves of many. [P.B.]
- Hayward, Kenneth J., "Estudios sobre hesperidos neotropicales (Lep. Hesp.) II. Descripciones de nuevas especies" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 9: pp. 463-470, 5 figs. "1950" [25 Oct. 1951]. Describes as new *Carrhenes aquila* (Chapare, Bolivia); *Polites* (?) *inconspicua* (Chapare, Bolivia); *Niconiades scitula* (Murtinho, Matto Grosso, Brazil); *Oxyntes viricuculla* (Chapare, Bolivia); *Cobalus æthus* (Chapare, Bolivia). Figures ♂ genitalia. [P.B.]
- Hayward, Kenneth J., "Más notas sobre ninfálidos argentinos" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 10: pp. 285-290. 1952. Name changes, new synonymy, and other notes in *Anæa*, *Doxocopa*, *Ectima*, *Callidula*, *Evonyma*, *Sea*, *Historis*, *Cœa*, *Biblis*, *Sipræta*, *Yramea*, *Phyciodes*. *Adelpha arete pseudarete*, *Dynamine meridionalis*, *Nessæa obrinus* are new to Argentina. [P.B.]
- Hayward, Kenneth J., "Una clave para las subfamilias, géneros y especies argentinos de la familia Heliconiidae" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 10: pp. 311-313. 1952. Key to Dioninae, with 5 genera and 7 spp., and Heliconiinae, with 3 genera and 7 spp. [P.B.]
- Hayward, Kenneth J., "Clave para los géneros y especies argentinos de la familia Nymphalidæ" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 10: pp. 401-421. 1952. Key to spp. and subspp. of 44 genera. [P.B.]
- Hayward, Kenneth J., "Guía para la clasificación de las especies y formas argentinas de la familia Papilionidæ" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 12: pp. 279-330, 8 pls. "1951" [15 Oct. 1952]. Keys to 45 spp. and "forms" of *Euryades*, *Atrophaneura*, *Battus*, *Graphium*, *Papilio*, descriptive notes and figures of wings given for all. [P.B.]
- Herbulot, C., "Un Larentiinae (Lep. Geometridæ) nouveau pour la France: *Cænoteophria ibericata* Stgr." [in French]. *Bull. Soc. Linn. Lyon*, vol. 23: pp. 65-67. 1954. A species new to France, with discussion of the generic position of *Cænoteophria*, *Lyncometra*, and *Lampropteryx* and general considerations about the value of the genus and its relations with the biology of the larvæ in the Larentiinae. [P.V.]
- Janmouille, E., "La synonymie de *Tischeria angusticollis* Dup." [in French]. *Lambillionea*, vol. 52: pp. 38-41. 25 Aug. 1952. Junior synonyms are *T. aurifrontella* Rag. and *Neptricula suberoidella* Wlsh. [P.B.]
- Kiriakoff, S. G., "Notes systematiques — VI. Sur la taxonomie de quelques Lépidoptères (1^{re} partie)" [in French]. *Lambillionea*, vol. 52: pp. 41-46. 25 Aug. 1952. Places *Colias hyale* and *C. australis* in ultraspecies *hyale*; emphasizes that ultraspecies is a phylogenetic concept, not a morphological concept like a subgenus. Regards *C. hyale* as apomorphic and *C. australis* as plesiomorphic (Hennig's terms); *i. e.*, *C. hyale* is presumed to differ less from the ancestral stock than *C. australis*. [P.B.]
- Kiriakoff, S. G., "Arctiidae nouveaux du Musée Royal du Congo belge" [in French]. *Lambillionea*, vol. 53: pp. 67-69, 93-94, 1 pl., 2 figs. 1953. Descriptions of new genus and spp. of "Arctiidae" (Syntomidae *auct.*) from Belgian Congo: *OREOGERYX* (type *ænea* nov.); *Ceryx antiopa*; *Epitoxis stempfferi*; *MIRACIDION*, as subgenus of *Amata*, and its type *A. (M.) caudatula*; *Thyrogonia hampsoni*; *T. aurantiiventris*. [P.V.]
- Kiriakoff, S. G., "*Elsita* nom. nov. (Lepidoptera, Thyretidae)" [in French]. *Bull. Ann. Soc. Ent. Belg.*, vol. 90: p. 29. 1954. *ELSITA* a new name for *Elsa* Kiriakoff, 1953 (*Ann. Mus. Roy. Congo Belge, Sci. Zool.*, vol. 26: p. 23) preoccupied by *Elsa*

- Honrath, 1892. [P.V.]
- Kiriakoff, S. G., "On the genera *Tarsolepis* and *Dudusa* (Notodontidae)." *Ent. Berichten*, vol. 15: p. 15. 1 Jan. 1954. Regards these genera as being distinct judging from the differences of their tympanal organs. [A.D.]
- Köhler, P., "Las Noctuidæ argentinas. Subfamilia Cucullianæ" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 12: pp. 135-182. "1951" [15 Oct. 1952]. Describes as new (generotypes follow new genera): *CUCULLANA*, *C. cristagalli* (La Rioja); *CHUBUTIANA*, *C. nigripes* (Comodoro Rivadavia, Chubut); *BORSANIA*, *B. mendozina* (Mendoza); *COMODORIA*, *C. splendida* (Comodoro Rivadavia, Chubut); *ORTHOPHA*, *O. polypuncia* (Cipoletti, Río Negro); *METALOPHA*, *M. tridens* (La Rioja); *GRAPTOCULLIA*, *G. sagittata* (Com. Rivadavia etc., type locality not specified); *NEOQUENIA*, *N. nitida* (Cipoletti, Río Negro); *MENDOZANIA*, *M. sanmartini* (Mendoza); *VELAZCONIA*, *V. difficilis* (La Rioja), *V. d. trinubila* (Comodoro Rivadavia, Chubut); *ARGYRANA*, *A. excellens* (Sta. Cruz); *Criophasia multilinea* (Sta. Cruz, etc.; type locality not specified), *C. obscura* (Mendoza), *C. mononacula* (Comodoro Rivadavia, Chubut); *GALEANA*, *G. basilinea* (Comodoro Rivadavia, Chubut); *GRISANA*, *G. pretiosa* (Comodoro Rivadavia, Chubut); *RIAGRIA*, *R. xylinoidea* (Comodoro Rivadavia, Chubut); *Brachygalea nigrothorax* (Mendoza, etc.; type locality not specified), *B. grisea* (Mendoza, etc.), *B. tripunctata* (Río Agria, Neuquén, etc.), *B. exacta* (Comodoro Rivadavia, Chubut), *B. nigrovenata* (Comodoro Rivadavia, Chubut), *B. lavata* (Mendoza, etc.), *B. varians* (Río Agrio, Neuquén, etc.); *DESERTULLIA*, *D. argyrofulva* (Comodoro Rivadavia, Chubut); *TARSICOPIA*, *T. robusta* (Comodoro Rivadavia, Chubut); *METACULLIA*, *M. bergi* (Cipoletti, Río Negro); *PARACULLIA*, *P. burmeisteri* (Río del Fondo, Sta. Cruz, etc.), *P. oorti* (Comodoro Rivadavia, Chubut); *PSEUDOSMIA*, *P. rubescens* (Comodoro Rivadavia, Chubut); *PAROSMIA*, *P. simulans* (Comodoro Rivadavia, Chubut); *Cucullia prima* (Nahuel Huapi, Neuquén), *C. glogeri* (Santiago del Estero, etc.), *C. heinrichi* (Morón, Buenos Aires, etc.), *C. giacomelli* (La Rioja); *Empusada differens* (Cipoletti, Río Negro), *E. rectilinea* (Mendoza); *COTARSINA*, *C. clavata* (Comodoro Rivadavia, Chubut), *C. roseofulva* (Oruro, Bolivia), *C. vivax* (Comodoro Rivadavia, Chubut, etc.); *Aporophylla albapice* (Comodoro Rivadavia, Chubut); *Omphalophora galenoides* (Comodoro Rivadavia, Chubut, etc.); *Homobadena polypicta* (Mendoza, etc.); *Brachylomia incerta* (Villa Mercedes, San Luis); *Bryotype atlantica* (Comodoro Rivadavia, Chubut); *Meganephria eremita* (Comodoro Rivadavia, Chubut); *Valeria mamestrina* (Comodoro Rivadavia, Chubut); *Hillia acronyctina* (La Rioja); *Calophasia cucullianæ* ("Berg i.l."—no description given) (Córdoba, etc.), *C. bruchi* (Río del Fondo, Chubut, etc.), *C. picta* (Comodoro Rivadavia, Chubut), *C. nobilis* (Mendoza, etc.), *C. funebris* (Mendoza), *C. cuyana* (La Rioja, etc.), *C. chubutiana* (Comodoro Rivadavia, Chubut); *Dasythorax santacrucis* (Sta. Cruz), *O. incaica* (Puente del Inca, Mendoza). All localities in Argentina, except for *Cotarsina roseofulva*. Holotypes or cotypes of most spp. in author's collection. No figures, no mention of genitalia. Notes on 25 previously described spp. [P.B.]
- Le Charles, L., "Contribution à l'étude des zygiens *gallica-mana-erebus*" [in French]. *Rev. franç. Lépid.*, vol. 14: pp. 13-16, 6 figs. 1953. Notes on these spp. with drawings of uncus and valvæ. [P.V.]
- Le Charles, L., & G. Varin, "Étude et répartition des races d'*Hipparchia statilinus* Hfn. en France" [in French]. *Rev. franç. Lépid.*, vol. 13: pp. 287-297, 5 pls. "Oct./Nov./Dec. 1952" [25 March 1953]. Describes as new: *H. s. bierica* (Forêt de Fontainebleau); *H. s. aliosicola* (Gironde); *H. s. lemovica* (Haute-Vienne); *H. s. celtica* (Causse Noir, Camprieu); *H. s. antipolitanus* (Alpes-Maritimes); *H. s. pseudeliona* (Le Var); *H. s. pradensis* (Vernet-les-Bains). Type locality given only for *H. s. celtica*. Redescribes other races; figures series of several. [P.B.]
- Marion, H., "Les *Homæosoma* du groupe *nimbella* en France. *H. bentinckella* Pierce nouvelle pour la France" [in French]. *Entomologiste*, vol. 8: pp. 123-125. 1952. *H. nimbella* is not found in France and is replaced by *H. pseudonimbella* and *H. bentinckella*. [P.V.]
- Marion, H., & P. Viette, "Descriptions de deux nouvelles Pyrales malgaches (Lep. Pyralididae)" [in French]. *Bull. Soc. Ent. France*, vol. 58: pp. 39-42, 4 figs. 1953. Describes as new from central Madagascar: *Scirpophaga goliath* (Tananarive), genus *CLATRODES* [type *C. squaleralis* nov. (Ankaratra Mts.)]. [P.V.]
- Marion, H., "Erreurs à rectifier" [in French]. *Rev. franç. Lépid.*, vol. 14: pp. 129-130. 1954. In Chapman's paper on *Scoparia* (1912, *Trans. Ent. Soc. London*), the figure

- of ♂ genitalia of *S. ochrealis* is of ♂ genitalia of *Crambus latistrius* Hw. In Pierce & Metcalfe, the ♂ genitalia with the name *Crambus lithargyrellus* are the genitalia of *C. luteolus* Schiff. [P.V.]
- Marion, H., "Lectotypes de *Mecyna auralis* Peyer. et *Scoparia gallica* Peyer." [in French]. *Rev. franç. Lépid.*, vol. 14: p. 130. 1954. Designation of two lectotypes, in the Paris museum. [P.V.]
- Marion, H., "Pyrales nouvelles de Madagascar" [in French]. *Bull. Soc. Ent. France*, vol. 59: pp. 24-25, 1 fig. 1954. Descriptions of two new species of Pyralididae: *Cymoriza imperialis* from the Comoro Is. and *Nacoleia ochrimarginalis* from East Madagascar. [P.V.]
- Marion, H., "Qu'est-ce que *Botys nemausalis* Dup.? (Lep. Pyraustidae)" [in French]. *Bull. Soc. Ent. France*, vol. 59: pp. 57-60. 1954. Historical and bibliographical considerations about *B. nemausalis*, a species very rare or absent in the big collections. It belongs to Guenée's genus *Hypolais* (generotype *H. siccalis*). [P.V.]
- Orfila, Ricardo N., "Notas sistematicas sobre Lepidoptera Rhopalocera" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 8: pp. 583-586. 31 Dec. 1949. Proposes the following new higher categories (type genera in parentheses): tribes URBANINI (*Urbanus*) and PYRGINI (*Pyrgus*) for sections A and B of Pyrginae; tribes CARTEROCEPHALINI (*Carterocephalus*) and HESPERIINI (*Hesperia*) for groups A and B of Hesperinae; superfamily RIODINOIDEA (*Riodina*) to replace Erycinoidea, for Riodinidae + Lycenidae; tribe HAMADRYINI (*Hamadryas*) to replace Ageroniini; tribe COLOBURINI (*Colobura*) to replace Gynæciini. Corrects Caligoninae to CALIGINÆ. Notes on the names Lampropterini, Lycenidae, Anetiini. [P.B.]
- Orfila, Ricardo N., "Nota sobre el nombre *Hamearis* Hübner" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 8: pp. 603-605. 31 Dec. 1949. Points out that *Hamearis* and *Nemeobius* are both valid and refer to different genera. [P.B.]
- Ortner, Anton, "*Coleophora supinella* nov. spec. (Lep., Coleophoridae)" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 34: pp. 117-123, 1 pl. 15 Sept. 1949. New species from Haimburger Mts., on *Cytisus supinus*: describes and figures larva, adult, and genitalia, and gives distribution of foodplant. [P.B.]
- Overlaet, F. G., "Formes nouvelles ou peu connues de nymphalides africains" [in French]. *Ann. Mus. Roy. Congo Belge*, ser. 8, no. 14: 50 pp., 9 figs. 1952. Revisional notes on *Harma* and *Cymothoe*. Describes as new: *C. lurida tristis* (Sassa, Belgian Congo); *C. l. centralis* (R. Luakile, Kirda, Katanga); *C. hesiodotus clavior* (Kindu, Belgian Congo); *C. fontainei* (Lutahe, Belgian Congo); *C. f. debauchei* (Etoumbi, French Congo); *C. eris sankuruana* (Beni-Bendi, Sankura); *C. coccinata bergeri* (Etoumbi); *C. c. fontinalis* (Muetschi, Sankura); *C. reginae-elizabethae belgarum* (Katakoli); *C. sangaris mwami-kazi* (Beni). Proposes *C. druryi* as new name for *C. althea* Drury. Considers *C. caenis* form *mundamensis* a good species. Also describes some "forms". Few figures. [P.B.]
- Pastrana, José A., "Una nueva peste en araucarias de Misiones (Republica Argentina)" [in Spanish]. *Revista Invest. Agric.*, vol. 4: pp. 243-244, 2 pls. "April 1950" [Feb. 1951]. Describes as new *Laspeyresia araucariae* (San Antonio, Misiones, Argentina); bred from *Araucaria angustifolia*. [P.B.]
- Pastrana, José, "Una especie nueva de Glyphipterygidae de la Argentina (Lepidoptera)" [in Spanish, English summary]. *Acta Zool. Lilloana*, vol. 12: p. 519. '1951' [15 Oct. 1952]. Describes as new *Antispastis clarkei* (Zona del Tigre, Prov. Buenos Aires, on *Solanum bonariense*); figures venation and genitalia. [P.B.]
- Pinker, Rudolf, "Studien über die *Cidaria olivata* Schiff.-Gruppe. Larentiinae. *Cidaria* Tr. Subgenus: *Calostigia* Hbn. Abt. A" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 38: pp. 31-33, 4 figs. 1 March 1953. Describes as new *C. olivata gigantea* (Col di Sestriere, 1600-2100 m., Piemont); *C. o. biloriata* (Albarracin, Aragon, Spain); *C. wolfschlägerae* (Ochrida, Macedonia). Figures ♂ genitalia of these spp. and of *C. fitzi*. [P.B.]
- Plantrou, J., "Capture d'un hybride *hero-arcania*" [in French]. *Rev. franç. Lépid.*, vol. 13: p. 129. "Nov./Dec. 1951" [28 March 1952]. *Cænonympha* hybrid.
- Réal, P., "Observations sur quelques formes de *Cnephasia* de la Collection Cleu" [in French]. *Rev. franç. Lépid.*, vol. 13: pp. 220-222. "March/April" [25 July] 1952. Proposes *C. wilkinsoni* n.n. for *C. chrysanthæana* auct. (nec Wilkinson) and discusses correct application of names in this group. Names several "varieties". [P.B.]

- Réal, P., "Catalogue des espèces françaises du genre *Cnephasia* Curt." [in French]. *Bull. Mens. Soc. Linn. Lyon*, vol. 22: pp. 51-62, 8 figs. 1953. A list with the geographical distribution and the study of the male genitalia of the species of *Cnephasia* of the French fauna. New subgenera are described: *ANOPLOCNEPHASIA* (type *A. sedana* Crt.), *NEOSPHALEROPTERA* (type *N. nubilana* Hbn.), *BRACHY-CNEPHASIA* (type *B. longana* Hw.); and new spp.: *C. (Nephodesme) legrandi* (South Alps), *C. (N.) viardi* (South Alps), *C. (N.) cyanescana* (South Alps), *C. (C.) pulmonariana* (Seine-et-Oise). Unfortunately many individual forms are named and described. The author ignores the meaning of holotype and allotype; corrigenda are given in *Bull. Mens. Soc. Linn. Lyon*, vol. 22: p. 98; 1953. [P.V.]
- Reisser, H., "Synonymie-Notizen zum Aufsatz Rebelt: 'Neue Heteroceren aus Aegypten.'" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol. 33: pp. 43-44. 1 Oct. 1948. Sinks Rebel's spp.: *Tarache grisescens* = *T. biskrensis* Obth.; *Ozarba cervina* = *O. timida* Berio; *O. elaphina* = *O. variabilis* Berio. [P.B.]
- Remington, C. L., "The sibling species of budmoth in Canada." *Lepid. News*, vol. 7: pp. 57-58. 29 July 1953.
- Roeckle, W., "Quelques espèces des genres *Trabala* Walk. et *Crinocraspeda* Hamps. du Muséum de Paris (Lep. Lasiocampidae)" [in French]. *Rev. franç. Lépid.*, vol. 14: pp. 3-4, 1 pl. Describes and figures the ♀ of *C. torrida*, [P.V.]
- Ronniger, Hermann, "Bemerkungen über *Depressaria alpigena* Frey und *ragonoti* Rebel" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol. 31: pp. 147-160 5 figs. 15 Mar. 1948. Concludes, on the basis of distribution, structure, and food plant (*Laserpitium siler*) that *ragonoti* is a subspecies of *D. alpigena*. Describes larvae and adults and figures ♂ genitalia. Summarizes records of the *Depressaria* feeding on *Laserpitium* spp. [P.B.]
- Rungs, Ch., "Un nouveau *Tarache* d'Afrique du Nord (Lep. Phalaenidae)" [in French]. *C. R. Soc. Sci. Nat. Maroc*, 1953, no. 1: pp. 16-18, 2 figs. 1953. Describes as new *T. mekkei* (Oran, Algeria). [P.V.]
- Rungs, Ch., "Le complexe de *Leucania loreyi* auct. nec Dup. (Lep. Phalaenidae)" [in French]. *Bull. Soc. Ent. France*, vol. 58: pp. 138-141, 2 fig. 1953. Under the name *L. loreyi* Dup. different species are mixed. The author has seen Duponchel's lectotype ♂. Describes new subgenus: *ACANTHOLEUCANIA* (type: *L. loreyi* Dup.) with two new species: *A. loreyimima* (Cochin China) and *L. pseudoloreyi* (Madagascar). [P.V.]
- Rungs, Ch., "Un nouveau Lépidoptère Pyralididae du Maroc: *Synaphe mediantantis* n. sp." [in French]. *C. R. Soc. Sci. Nat. Maroc*, 1953, no. 5: pp. 71-72. 1953. Description of a new sp. from the Middle Atlas; no figure. [P.V.]
- von Schantz, Max, "*Tinea montelliella* n. sp. (Lep., Tineidae) aus Fennoskandien" [in German]. *Notul. Ent.*, vol. 31: pp. 18-20, 3 fig. May 1951. Describes as new *T. montelliella* (Muonio, Finnish Lapland). ♂ genitalia of this sp., *T. insectella*, *T. fuliginosella* figured. [W. H.]
- von Schantz, Max, "Beitrag zur Kenntnis dreier *Phthorimæa*-Arten (Lep., Gelechiidae). *Phthorimæa hackmani* n. sp." [in German]. *Notul. Ent.*, vol. 32: pp. 15-22, 6 figs. Aug. 1952. Describes as new *P. hackmani* (Säkylä, South Finland). Figures ♂ and ♀ genitalia of this sp. and two allied Finnish spp. [W.H.]
- Shakhbazov, V. G., "The systematic position and the distribution of the Ussuri silkworm" [in Russian]. *Zool. Zhurn.*, vol. 32: pp. 472-477. May/June 1953. [Not seen.]
- Sieder, Leo, "*Rebelia marpessa* (spec. nov.)" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 32: pp. 22-25, 1 pl., 2 figs. 15 Apr. 1948. Type locality Kärnten, east of Klagenfurt; on *Thymus* and grasses. [P.B.]
- Sieder, Leo, "*MONTANIMA* gen. nov. (Lep. Psychidae)" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 34: pp. 2-9, 1 pl., 4 figs. 1 Feb. 1949. Type *Rebelia karawankensis*. Describes as new *M. predotæ* (Albania). [P.B.]
- Sieder, L., "Berichtigung." *Zeits. Wiener Ent. Ges.*, vol. 34: p. 51. 15 March 1949. Designates *M. karawankensis* as generotype of his genus *Montanima* (Described in vol. 34: pp. 2-9). [P.B.]
- Sieder, Leo, "*Talæporia tubulosa bavaralta* ssp. n., eine neue Unterart aus den Berchtesgaden Alpen (Lepidoptera, Psychidae)" [in German]. *Nachrbl. Bayer. Ent.*, vol. 2: pp. 52-55. 15 July 1953.
- Skala, Hugo, "Zur Frage der Miner (Nepticulidae)" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 32: pp. 121-122. 30 June 1948. Describes as new *Nepticula*

- purpureæ* (Leipnik, Mähren, on *Salix purpurea*). Notes on synonymy and biology. [P.B.]
- Stempffer, H., "Contribution à l'étude de quelques Lycènes d'Europe occidentale" [in French]. *Lambillionea*, vol. 53: pp. 12-18. 1953. Notes on some species of Lycenidae from Spain and France. [P.V.]
- Stempffer, H., "Contribution à l'étude des Lycenidae de l'Afrique équatoriale" [in French]. *Ann. Mus. Roy. Congo Belge. ser. in 8°. Sci. Zool.*, no. 27: 48 pp., 16 figs. 1954. Important study on the Lycenidae from equatorial Africa. Describes as new: *Liptena jacksoni* (Uganda); *Eresina ransomeri* (Uganda); *Argiolaus bergeri* (Belgian Congo); *Teratoneura isabellæ congoensis* (Belgian Congo); *Hemiolaus cæculus littoralis* (Mombasa Coast); *Iolaus* (*Epamera*) *alienus ugandæ* (Uganda); *Anthene sylvanus niveus* (Belgian Congo). A new name, *Deudorix* (*Pilodeudorix*) *ankoleensis*, is given for *Philodeudorix camerona ugandæ* Stempffer. [P.V.]
- Storace, Luciano, "Recherches sur le groupe africain de *Papilio nireus* L. (Lepidoptera, Diurna)" [in French]. *Lambillionea*, vol. 51: pp. 44-52, 73-76; vol. 52: pp. 9-11, 14-20, 30-35, 75-76. 25 Aug., 25 Oct., 25 Dec. 1951; 25 Feb., 25 April, 25 June, 25 Dec. 1952. Describes as new *P. sosia debilis* (Uganda); *P. bromius chrabkowskoides* (Uganda); *P. nireus micronireus* (West Africa); localities given but no type localities or holotypes specified. Also names many infrasubspecific forms. Attempts to cover geographic and individual variation in *P. sosia*, *P. brontes*, *P. æthiops*, *P. bromius*, *P. nireus*; only size and pattern characters are considered. No figures. [P.B.]
- Tams, W. H. T., "The genus *Alompra* Moore (Lepidoptera, Lasiocampidae)." *Tijdschr. Plantenziekten*, vol. 39: pp. 165-168, 16 figs. 1953. Describes as new *A. ferruginea bidiensis* (Bidi, Sarawak); *A. f. cerastes* (Surgiao, Mindanao, Philippine Is.); *A. roepkei* (Assam), *A. r. sarotes* (Bukit Kutu, Selangor), *A. r. pella* (Upper Palembang, Sumatra). Figures neuration, adults, genitalia. [A.D.]
- Toll, S., "Beiträge zur Mikrolepidopterenfauna von Nordost-Persien" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 32: pp. 107-116, 3 pls. 30 June 1948. Report on a collection from Kuh-i-mirabi Range at 7000 m. Describes as new: (Pyrallidae) *Crambus persellus*, *C. craterellus defessellus*, *Anoristia mirabiella*, *Salebria pallidella*, *S. semirubella byrcana*, *Nephopteryx persarum*, *Pristophora velocella*, *Pristocera pallidisignata*, *Scoparia hyrcanella*, *Evergestis ænealis obscura*, *Pionea pyraustiformis*, *P. pionalis*; (Tortricidae) *Phalonia posterana byrcana*, *P. subposterana*; (Gelechiidae) *Gelechia hyrcanella*, *Lira griseolusella*, *L. detersipunctella*, *Pleurota lineata*; (Hypnometridae) *Argyresthia myrabiella*, *Cerostoma kotschi*. Figures adults and genitalia of new spp. and of some new ssp. Lists other spp. of these families, Pterophoridae, Momphidae, and Tineidae. [P.B.]
- Toll, S., "Studien über die Genitalien einiger Coleophoriden. XI." [in German]. *Zeits. Wiener Ent. Ges.*, vol. 37: pp. 156-164, 2 pls. 15 Dec. 1952. Describes as new: *Coleophora mæstella* (Rheinpfalz); *C. dicbroella* (Siebenseental, Carniola); *C. klimeschiella* (Nyir, Hungary); *C. tuscatella* (Donnersberg); *C. dannebli* (Veldes, upper Carniola); *C. dentiferella* (Hainburg, Austria); *C. palumbipenella* (Klosterneuburg, near Vienna); *C. altivagella* (Gurgl, Orztal, Tirol); *C. burmanni* (Brenner); *C. eudoriella* (Deutsch-Altenburg, Austria); *C. opacella* (Bisamburg, near Vienna); *C. baltica* (Amata, Latvia); *C. pseudociconiella* (Vienna); *C. distinctella* (Tirol). Figures genitalia of known sexes. [P.B.]
- de la Torre y Callejas, S. L. & P. A. Dalmau, "Una lista de las *Euremas* de America, con notas sobre las especies colectadas en Cuba" [in Spanish]. *Publ. Univ. Oriente Dep. Ext. Rel. Cult.* 27: 38 pp., 8 pls. 1953. List, with geographic distribution, of all *Eurema*, including forms. Cuban spp. extensively discussed and new form of *E. laræ* named and figured. 78 photos of Cuban spp. [C.R.]
- de Toulgoët, H., "Contribution à l'étude des *Eilema* français (Arctiidae Lithosiinae)" [in French]. *Rev. franc. Lépid.*, vol. 13: pp. 181-184, 2 figs. "Jan./Feb." [31 May] 1952. Distinguishes between *E. uniola*, *E. caniola*, *E. interposita*, and figures ♂ genitalia of first two. [P.B.]
- de Toulgoët, H., "Contribution à l'étude des *Eilema* paléarctiques (3^e note). Note sur *Eilema uniola* Rbr. (Lep. Lithosiidae)" [in French]. *Bull. Soc. Ent. France*, vol. 58: pp. 55-57. 1953. Historical and bibliographical notes and geographical distribution of this badly known species. Lectotype designated. [P.V.]
- de Toulgoët, H., "Contribution à l'étude des *Eilema* paléarctiques (4^e note). Qu'est-ce

- qu'*Eilema sordidula* Rbr.? (Lep. Lithosiidæ)" [in French]. *Bull. Soc. Ent. France*, vol. 59: pp. 36-39. 1954. Lectotype of *E. sordidula* designated. Study shows that *sordidula* is a synonym of *E. pallifrons*. [P.V.]
- Urbahn, Ernst, "Die Unterschiede der Jungenstände und Falter von *Melitæa athalia* Rott., *britomartis* Assm. und *parthenie* Bkh. = *aurelia* Nick. in Deutschland (Lep.)" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 37: pp. 105-121, 5 pls. 15 Nov. 1952. Compares all stages of these species, as well as genitalia of both sexes, and describes all points of difference; many fine figures. [P.B.]
- Urbahn, Ernst, "Über die Artberechtigung von *Melitæa veronica* Dorfmeister auf Grund von Typenuntersuchungen" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 38: pp. 87-94, 5 figs. 30 April 1953. Confirms, from study of describer's specimens of larvæ and pupæ, that *M. veronica* is a synonym of *M. britomartis*. [P.B.]
- Varin, G., "Contribution à l'étude des Satyridæ de France. Les races françaises de *Cænonympha œdippus* Fabricius" [in French]. *Lambillionea*, vol. 52: pp. 5-8. 25 Feb. 1952. Describes as new *C. œ. sebrica* (Bourdet, Deux-Sevres); *C. œ. aquitanica* (Gazinet, Gironde); *C. œ. herbuloti* (Backais, Isère). [P.B.]
- Verity, R., "Les noms des Zyènes gallica-mana-erebus, d'après les règles de la nomenclature zoologique" [in French]. *Rev. franç. Lépid.*, vol. 14 pp. 50-51. 1953. *Zygæna erebus* Stgr. = *erebæa* Brgff.; *Z. mana* Kirby = *interrupta* Brgff. = *chaos* Brgff.; *Z. gallica* Obth. race *interrupta* Boursin = race *giesekingiana* Reiss. [P.V.]
- Viette, P., "Sur la systématique du genre *Oxyptilus* Z." [in French]. *Entomologiste*, vol. 8: pp. 93-94. "1952" [1953]. Abstract, for the French fauna, of the work of St. ADAMCZEWSKI; lectotypes designated for *Oxyptilus maculata* and *O. lantoscana*. [P.V.]
- Viette, P. E. L., "Contribution à l'étude des Hepialidæ (30^e note)" [in French]. *Lambillionea*, vol. 53: pp. 32-35, 2 fig. 1953. Describes as new: genus *XHOA-PHRYX* [type *X. lemeci* nov. (Indochina, Tonkin)]; gives synonymy of *Hepialiscus algeriensis* and *Hepialus tunctanus*; and places *fuscoargenteus* in the genus *Gazoryctra* Hb. [P.V.]
- Viette, P., "Nouvelles Pyrales de Madagascar (Lepid.)" [in French]. *Rev. franç. Ent.*, vol. 20: pp. 130-137, 6 figs. 1953. Describes as new: *Neopaschia nigromarginata* (E. Madagascar), genus *CATALAODES* [type *C. malgassicalis* nov. (E. Madagascar)], *Sindris boisduvalalis* (central Madagascar), *S. catalalis* (E. Madagascar), *Polygrammodes seyrigalis* (S.-central Madagascar), *Mecyna catalalis* (S. Madagascar), *Stenia mabillealis* (E. Madagascar). [P.V.]
- Viette, P. E. L., "Descriptions de deux nouveaux Microlépidoptères de l'île Maurice" [in French]. *Bull. Soc. Zool. France*, vol. 78: pp. 138-141, 2 figs. 1953. Describes as new *Stigmatophora vinsoni* and *Thiognatha mameti*, from Mauritius. [P.V.]
- Viette, P. E. L., "Descriptions de nouvelles espèces de Pyrales de la faune malgache (Ins. Lepid.)" [in French]. *Bull. Mens. Soc. Linn. Lyon*, vol. 22: pp. 203-209, 5 figs. 1953. Descriptions of new genera and spp. from Madagascar: *MARIONODES seyrigalis* (genotype) (far south); *HAPLOSINDRIS* (genotype *leucotriangula* Mab.); *JAKUARTE marinalis* (genotype) (east); *Mussidia decaryalis* (far south); *Dichocrocis catalalis* (east); *D. alluaudalis* (far south). [P.V.]
- Viette, P. E. L., "Étude de quelques vieux types de *Procris* Fabricius (Lepidopt. Zygænidæ)" [in French]. *Lambillionea*, vol. 53: pp. 38-45, 10 figs. 1953. Gives figures, discussions, lectotype designation for *P. cognata* H. Lucas, *P. cirtana*, *P. bellieri*, *P. cognata* Rambur, *P. soror*. [P.V.]
- Viette, P. E. L., "Nouveaux deltoïdes de Madagascar (Lep. Noctuidæ)" [in French]. *Bull. Soc. Linn. Lyon*, vol. 23: pp. 67-72, 6 figs. 1954. Descriptions of new species of Noctuidæ Hypeninae from central Madagascar: *Marca griseonigralis*, *Olybama pyraustalis*, *Dragana elongalis*; *Madopa mabillealis*, *M. saalmülleralis*; *Deinypena biplagalis*. [P.V.]
- Viette, P. E. L., "Description de nouvelles espèces de noctuelles quadrifides de Madagascar" [in French]. *Bull. Soc. Zool. France*, vol. 78: pp. 341-348. "1953" [1954]. Descriptions of a new genus and spp. of Noctuidæ Ophiderinae from Madagascar: *ANDRIANAM poinimerina*; *Paralephana descarpentrii*, *P. decaryi*, *P. catalai*, *P. subpurpurascens*; *Egnasia berioi*; *Promimea jeanneli*. [P.V.]
- Wehrli, E., "Une nouvelle classification du genre *Gnophos* Tr." [in French]. *Lambillionea*, vol. 51: pp. 6-11, 22-30, 34-37. 25 Feb., 25 April, 25 Aug. 1951. New classification based largely on ♂ genitalia. Describes as new (types in parentheses):

- subgenera *DICROGNOPHOS* (*G. orthogonia*); *LYCOGNOPHOS* (*G. obscurata*); *KENTROGNOPHOS* (*G. onustaria*); *SACROGNOPHOS* (*G. sacaria*); *RHINOGNOPHOS* (*G. similaria*); *COSTIGNOPHOS* (*G. pullulata*); *DYSGNOPHOS* (*G. difficilis*); *NEOGNOPHINA* (*G. intermedia*); *RHOPALOGNOPHOS* (*G. glaucinaria*); *ORGANOGNOPHOS* (*G. sibirata*); *EUCHROGNOPHOS* (*G. variegata*); *PTERYGNOPHOS* (*G. ochrofasciata*); *RHIPIGNOPHOS* (*G. pervicinaria*); *CNESTROGNOPHOS* (*G. præcutaria*); *CHELEGNOPHOS* (*G. ravistriolaria*); and *SUBDISCHIDESIA* (subgenus of *Dischidesia*, which is raised to generic rank; for *G. lilliputata* and *G. hypochrysa*, type not specified); and genera *ODONTOGNOPHOS* (*G. dumetata*); *ECODONIA* (*Hydrelia tchrinaria*). New entities and previously accepted genera and subgenera are described and the included spp. listed; 5 spp. not yet sufficiently studied are also listed. Proposes *G. sphærule* n.n. for *G. perdita* Stgr. nec. Btlr. (= *pærlitæ* Leech nec Btlr.). Also mentions several "new species" not described here, and "new subgenera" (for spp. transferred from *Gnophos*) not described and without type citation. The paper is further marred by the author's failure to state the rank of previously described entities (*Zystrognophos*, in fact, is called both a subgenus of *Gnophos* and a distinct genus) and by the absence of illustrations. [P.B.]
- Wiltshire, E. P., "Middle East Lepidoptera. XII: two new species from south-west Persia (Iran)." *Proc. Roy. Ent. Soc. London B*, vol. 22: pp. 217-219, 2 figs. 31 Dec. 1953. Describes as new *Arenostola delattini* (near Shiraz, 5500'); *Porphyrinia popovi* (Shiraz, 6000'); both Agrotidæ. [P.B.]
- Wise, K. A. J., "Occurrence of the Oak Blotch Miner *Lithocolletis messaniella* (Lepidoptera: Gracillariidæ) in New Zealand." *Trans. Roy. Soc. New Zealand*, vol. 81: pp. 65-66, 1 pl., 1 fig. June 1953. Redescribes genus and species; figures forewing and mines. Lists food plants. New record. [P.B.]
- Wohlfahrt, Th. A., "*Colias australis* Vrtz. (Lep. Rhopal.) im mittleren Maingebiet" [in German]. *Nachrbl. Bayer. Ent.*, vol. 1: pp. 13-14. 15 Feb. 1952. Records; characters. [N.O.]
- Wolfsberger, Josef, "Eine neue Form von *Crymodes zeta* Tr. aus den Ostalpen (Lep. Noct.)" [in German]. *Nachrbl. Bayer. Ent.*, vol. 1: pp. 30-31. 15 April 1952. Describes as new *C. z. rofana* (Rofan Prov., N. Tirol). [N.O.]

D. VARIATION AND GENETICS

- Alexandre, R., "Une nouvelle aberration de *Parnassius apollo* L., ab. ♂ *inocellata*, nova" [in French]. *Rev. franç. Lépid.*, vol. 13: p. 235. "May/June/Sept." [15 Nov.] 1952
- Aubert, Jacques-F., "*Apamea secalis* L. forme *struvoculea* Aubert (Lep. Phal.)" [in French]. *Ent. Nachrbl.*, vol. 4: pp. 59-61, 5 figs. Apr./Dec. 1952. Describes a ♀ form.
- Aubert, Jacques-F., "Note sur les formes mélanisantes des Papilionides d'Europe centrale" [in French]. *Rev. franç. Lépid.*, vol. 13: pp. 236-239. "May/June/Sept." [15 Nov.] 1952. Notes described melanic forms of *Papilio machaon*, *P. podalirius*, *Parnassius apollo* [P.B.]
- Bernardi, G., & R. Gaillard, "Les *Maculinea* du Mont Aigoual (Gard) (Lep., Lycenidæ)" [in French]. *Rev. franç. Lépid.*, vol. 13: pp. 113-114. "Sept./Oct." [28 Dec.] 1951. Describes local races of *M. alcon* and *M. arion*. [P.B.]
- Bourgogne, Jean, "La variation intraspécifique chez les Lépidoptères" [in French]. *Rev. franç. Lépid.*, vol. 13: pp. 65-77. "May/June" [10 Aug.] 1951. Survey of possible types of intraspecific variation, from teratological to geographic, and their causes; with examples. [P.B.]
- Burmman, Karl, "Eine neue Form von *Parnassius apollo* L. var. *claudius* Bell. f. g. *Phrynius* Fruhst." [in German]. *Zeits. Wiener Ent. Ges.*, vol. 34: pp. 42-43, 2 figs. 15 March 1949. Names an aberration
- Burmman, Karl, "Zwei neue Formen von *Anisotænia ulmana* Hb. aus Nortirol (Lepidoptera, Tortricidæ)" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 34: pp. 43-44, 4 figs. 15 March 1949. Names two aberrations.
- Burmman, Karl, "*Gracilaria populetorum* Z." [in German]. *Zeits. Wiener Ent. Ges.*, vol. 35: pp. 17-20. 20 March 1950. Names 3 aberrations and describes other variants. [P.B.]
- Caruel, Marcel, "Révision des formes et aberrations du Catalogue des Rhopalocères" [in French]. *Rev. franç. Lépid.*, vol. 13: pp. 84-87, 117-121. "May/June" [10

- Aug.], "Sept./Oct." [28 Dec.] 1951. Brief redescrptions of described aberrations of *Papilio podalirius*, *P. machaon*, *Aporia crataegi*; color of melanic *P. podalirius* accompanies the second part. [P.B.]
- Caspari, Ernst, "On the selective value of the alleles *Rt* and *rt* in *Ephestia kübniella*." *Amer. Nat.*, vol. 84: pp. 367-380, 3 figs. Sept./Oct. 1950. Evidence is presented for the selective advantage of the heterozygote. Gene affects testis color. [P.B.]
- Chu Hsi, "Heterospermic impregnation in silkworms and its role in hereditation" [in Russian]. *Izv. Akad. Nauk SSSR, Ser. Biol.*, 1953: pp. 52-62. [Not seen].
- Daniel, Franz, "Melanistische Lepidopteren-Formen aus Südbayern" [in German]. *Nachrbl. Bayer. Ent.*, vol. 1: pp. 2-4. 15 Jan. 1952. Discusses melanistic aberrations; names two. [N.O.]
- Daniel, Franz, "Die Formen von *Glyphisia crenata* Esp." [in German]. *Nachrbl. Bayer. Ent.*, vol. 2: pp. 65-69. 15 Sept. 1953. Discusses variation and distribution [N.O.]
- Daniel, Franz, "Zwei neue Endrosinæ-Formen" [in German]. *Nachrbl. Bayer. Ent.*, vol. 2: pp. 82-83. 15 Nov. 1953. Describes and names 2 aberrations. [P.B.]
- Dowdeswell, W. H., & E. B. Ford, "The influence of isolation on variability in the butterfly *Maniola jurtina* L." *Symp. Soc. Exper. Biol.*, no. 7: pp. 254-273, 2 maps. 1953. Data on the frequency distribution of hindwing spots in local populations of this satyrid in England and adjacent islands. [P.B.]
- Foltin, Hans, "Die Verbreitung der dunklen Formen von *Aglaia tau* L., mut. *ferenigra* Th. Meig. und *melaina* Gross." [in German]. *Zeits. Wiener Ent. Ges.*, vol. 33: pp. 18-21. 1 Oct. 1948. Distribution in Austria of these melanic mutants. [P.B.]
- Hardonk, M., "*Comibaena pustulata* Hufn. f. *rosea* Cockayne (Lep. Geom.)" [in Dutch, English summary]. *Ent. Berichten*, vol. 15: p. 20. 1 Feb. 1954.
- Hoffmann, Emil, "Neue *Parnassius mnemosyne* L. — Aberrationen" [in German]. *Ent. Nachrbl.*, vol. 3: pp. 177-181, 1 pl. Oct./Nov. 1951. Names 15 aberrations and figures 8. [P.B.]
- Hoffmann, Emil, "Richtigstellung von Aberrationsnamen bei unserenheimischen *Parnassius*-Arten" [in German]. *Zeits. Wiener Ent. Ges.*, vol. 38: pp. 12-18. 1 March 1953. Redescrptions of named aberrations of *P. mnemosyne*, *P. apollo*, and *P. phæbus*, and correction of the nomenclature. [P.B.]
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- Kühn, Alfred, & Analiese Berg, "Eine neue Mutation mit wechselnder und zeitlich beschränkter Wirkung bei *Ptychopoda seriata*" [in German]. *Zeitschr. Naturwiss.*, vol. 6B: pp. 41-44, 5 figs. 1951. Reports incompletely dominant gene causing malformations of wing scales and acting in limited but variable period in wing development. [P.B.]
- Long, D. B., "Some problems of polymorphism in insects." *Proc. Roy. Ent. Soc. London (A)*, vol. 27: pp. 99-110. 19 Dec. 1952. Review article, largely on Lepidoptera.
- Neschner, E., "*Pieris bryoniae* O. subsp. *flavescens* Wagn. und subsp. *neobryoniae* Shelj. Ihre Rückschlagsformen mod. ♀ *bryoniaeformis* Müll., mod. ♀ *schimæ* Müll. Benennung und Beschreibung ihrer Sonderformen" [in German]. *Ent. Nachrbl.*, vol. 4: pp. 76-79. Apr./Dec. 1951. Describes and names 20 "forms" of two similar ♀ forms of these two subspecies, being all possible combinations of forewing and hind-wing patterns and ground color in the two (previously named) generation forms. This is nomenclature refined to the limit, but not entomology. [P.B.]
- Pronin, George F., "The apparent influence of isolation in some species of Geometridæ." *Lepid. News*, vol. 6: pp. 93-94, 1 fig. 19 Feb. 1953.
- Ryszka, Hans, "Die Zucht von *Pier. napi* ssp. *britannica* mod. *hibernica* Schmidt" [in German]. *Ent. Nachrbl.*, vol. 3: pp. 170-173, 1 pl. Oct./Nov. 1951. Reports a successful cross between the yellow forms of *P. n. britannica* and *P. bryoniae flavescens* (♂ and ♀ respectively), the offspring being one white and one yellow ♀ (also names the 2 hybrid forms). Describes rearing of yellow form of *P. n. britannica*, and figures adults of the 3 annual generations. [P.B.]
- Sharov, A. G., "Phase character in the variability of caterpillars of *Exeretia ulmi* Schiff." [in Russian]. *Dokl. Akad. Nauk SSSR.*, vol. 88: pp. 929-932. Feb. 1953. [Not seen.]

I. TECHNIQUE

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- Viette, P., "Une technique de préparation des armures génitales" [in French]. *Rev. franç. Lépid.*, vol. 13: pp. 249-252. "May/June/Sept." [15 Nov.] 1953. Recommends mounting entire abdomen. Describes method used at Paris Museum. [P.B.]
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J. MISCELLANY

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- Beard, Eva, "The early-American Silkworm," *Frontiers*, vol. 17: pp. 35-38, 62, 3 figs. Dec. 1952. History of silkworm culture in colonial days. [P.B.]
- de Bros, E., "Dr. Robert Lœliger" [in German]. *Ent. Nachrbl.*, vol. 4: pp. 54-56. April/Dec. 1952. Obituary.
- Floch, H., & Y. Constant, "Notes sur la symptomatologie et la thérapeutique de la papillonite guyanaise" [in French]. *Bull. Soc. Path. Exot.*, vol. 44: pp. 178-181. 1951. Describes dermatitis caused by contact with *Hylesia urticans*, and its treatment. [P.B.]
- Goldman, Morris, "The experimental infection of pupæ of *Philosamia cynthia* Drury (Lepidoptera: Saturniidae) with *Trypanosoma cruzi* Chagas." *Journ. Parasitol.*, vol. 36: pp. 1-6, 2 pls. Feb. 1950. Moth successfully infected with this parasite of the bug *Triatoma* and of vertebrates. [P.B.]
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- Heineman, Bernard, "Musing in European museums." *Lepid. News*, vol. 7: pp. 167-170, 2 figs. 12 Feb. 1954.
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- Nolan, John E. H., "Silkworms in England spin for the Queen." *Natl. Geogr. Mag.*, vol. 103: pp. 689-704, 15 figs. May 1953.
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