

## RECENT LITERATURE ON LEPIDOPTERA

(Under the supervision of PETER F. BELLINGER)

### B. SYSTEMATICS AND NOMENCLATURE

- Griveaud, P., "Sphingidæ" [in French]. *Faune de Madagascar*, vol. 8: 161 pp., 13 pls., 235 figs. Febr. 1959. A fauna of the sphingids of Madagascar with keys. Describes as new: *Temnora catalai* (Lambomakandro); *Sphingonoepiopsis wellsi* (Tranoroa) (a synonym of *S. malgassica* B. P. Clark, 1929, not cited in the work); *Hippotion albolineata* (Didy); *Ceridia stuckenbergi* (Ampanihy), *C. nigricans* (Ankarafantsika); *Polyptychus bilineatus* (Andobo), *P. suffuscens* (Ankarafantsika). These two last spp. appear here for the first time; the "original" descriptions were published two months later in the following paper. [P. V.]
- Griveaud, P., "Deux nouveaux Sphingidæ de Madagascar (Lepidoptera)" [in French]. *Naturaliste malgache*, vol. 10: pp. 75-79, 2 figs., 1 pl. "1958" [April 1959]. Description of *Polyptychus suffuscens* & *P. bilineatus*, two sphingids from Madagascar. With the delay in publication, these two species were published first in the "Faune de Madagascar" (above). [P. V.]
- Griveaud, P., "Sur quelques sphingides nouveaux ou peu connus de la région malgache (Lep.)" [in French]. *Bull. Soc. ent. France*, vol. 65: pp. 40-47, 6 figs. 1960. Note on new or very poorly known sphingids from the Madagascar area. List of the sphingids recently collected in the Comoro Islands. Describes as new *Panogena lingens comorana* (Moheli); *Cephonodes tamsi* (Seychelles, Mahé), *C. rufescens* (NE Madagascar, Marojejy Mts.). *Sphingonoepiopsis wellsi* Griveaud is a synonym of *S. malgassica*. [P. V.]
- Gross, Franz Josef, "Zur Schmetterlings-Fauna Ostasiens I. Gattung *Satyrus* Latr., Untergattung *Aulocera* But. (Lep. Satyridæ)" [in German]. *Bonner zool. Beitr.*, vol. 9: pp. 261-293, 6 pls., 24 figs. 1958. Describes as new *S. (A.) pumilus atuntsensis* (A-tun-tse, N. Yunnan), *S. (A.) sybillinus holiki* (N. Kansu, Liangchow, Richthofen Mts., 3000 m.), *S. (A.) yunnanicus* (Li-kiang, N. Yunnan, 4000 m.), *S. ellene* (A-tun-tse, N. Yunnan, 400-4500 m.), *S. (A.) swaha forsteri* (Kabul, Afghanistan, 2400 m.), *S. (A.) schaeferi* (Nepal, Manangbhat, Pisang, 3300 m.), *S. (A.) saraswati vishnu* (Sikkim, Darjeeling), *S. (A.) magica amida* (A-tun-tse, N. Yunnan, 4000 m.). Selects neotype for *S. (A.) padma verres*. Survey of the 10 spp. of this subgenus, which is limited to the mountains bordering the Tibetan plateau; many figures of adults & of genitalia; distribution maps of spp. Notes on distribution in this region of other *Satyrus* spp. [P. B.]
- Gross, Franz Josef, "Bemerkungen zur Verbreitung von *Satyrus (Hipparchia) fagi* Scop., *syriacus* Stgr. und *semele* L." [in German]. *Ent. Zeitschr.*, vol. 69: pp. 17-23, 4 figs. 1959. Describes as new *S. (H.) syriacus tokatensis* (near Tokat, Asia Minor). Describes pattern characteristic distinguishing *S. fagi* & *S. syriacus*. Distribution records for these 3 spp. [P. B.]
- Guérin, P., "*Lycæna helle* Schiff. dans les Monts de la Madeleine (Loire)" [in French]. *Alexanor*, vol. 1: pp. 87-88. 1959. Description of a new subspecies of *L. helle* Denis & Schiff. (not Schiffermüller only) from the Madeleine Range in the East of the central plateau of France: *L. h. magdalenæ*. Location of types very badly indicated; no indication of type locality (Sappery peatey) in connection with designation of holotype (which is in a private collection). [P. V.]
- Hackray, J., "Note sur *Cidaria subhastata* Nolcken" [in French]. *Lambillionea*, vol. 58: pp. 58-59. 1958. Note on the geometrid *C. subhastata*, a different species from *C. hastata*. [P. V.]

- berolinensis* is the ssp. of Berlin area) first and with the "form *berolinensis*" next. No holotype is designated and collection containing the syntypes is not indicated. This is an illustration of defective papers of which the abstract, to indicate the corrections, must be almost as long as the paper itself. [P. V.]
- McDunnough, J., "Concerning *Coleophora murinella* Tengström and allied species in the Canadian fauna (Lepidoptera, Coleophoridae)." *Bull. Brooklyn ent. Soc.*, vol.50: pp.29-35, 1 pl. 1955. Describes as new *C. dissociella* (Bog, Prospect Road, Halifax Co., Nova Scotia), *C. rupestrilla* (Peggy's Cove, Halifax Co.), *C. persimplexella* (Port Wallis, Halifax Co.) Records *C. ledi* & *C. murinella* from North America, & describes genitalia. [P. B.]
- McDunnough, James H., "Microlepidoptera notes and new species." *Amer. Mus. Novit.*, no.1789: 16 pp., 9 figs. 1956. Describes as new *Exartema galevora* (White Point Beach, Queens Co., Nova Scotia; on *Myrica gale*); *Anchylopera galeamatana* (same locality), *A. sheppardana* (Montreal, Quebec); *Gracillaria canadensisella* (Pt. Pleasant Park, Halifax, N.S.; on *Cornus canadensis*). Notes on other spp. of *Exartema* & *Anchylopera*. [P. B.]
- McDunnough, James H., "A new species of *Coleophora* belonging to the *duplicis-bidens* group." *Amer. Mus. Novit.*, no.1905: 5 pp., 3 figs. 1958. Describes as new *C. acuminatoides* (Pt. Pleasant Park, Halifax, Nova Scotia; on *Aster acuminatus*).
- McDunnough, James H., "Heretofore unpublished illustrations of coleophorid genitalia, with notes (Lepidoptera)." *Amer. Mus. Novit.*, no.1880: 11 pp., 15 figs. 1958. Describes as new *Coleophora sexdentatella* (Mt. Uniacke, Nova Scotia), *C. dentiferoides* (White Point Beach, Queens Co., N. S., on *Juncus militaris*). Figures genitalia of 10 other spp. of *Coleophora*. [P. B.]
- McDunnough, James H., "New Microlepidoptera, with notes." *Amer. Mus. Novit.*, no.1917: 11 pp., 16 figs. 1958. Describes as new: (Phycitinae) *Ortholepis myricella* (White Point Beach, Queens C., Nova Scotia; foodplant *Myrica gale*), *O. rhodorella* (Armdale, N. S.; bred from *Rhodora*); *Pyla gaspéensis* (Cascapedia Road, Gaspé, Quebec); (Eucosminae) *Thiodia scotiana* (St. Paul Is., Cabot Strait, N. S.); *Anchylopera subæquana fergusonii* (Wrangle Brook Road, Lakehurst, New Jersey). Figures also *A. galeamatana* (foodplant *Myrica gale*). New *Ortholepis* spp. are distinguished from *O. jugosella* (foodplant *Carya*). [P. B.]
- McDunnough, James H., "On some changes in nomenclature of Microlepidoptera, with description of a new species." *Amer. Mus. Novit.*, no.1954: 9 pp., 5 figs. 1959. Describes as new *Pseudexentera kalmiana* (White Point Beach, Queens C., Nova Scotia). Notes on identity & synonymy of *Epiblema resumptana*, *Pseudexentera cressoniana*, & *Gnorimoschema gallæasterella* Kellicott. [P. B.]
- McElvare, Rowland R., "*Schinia macroptica* Smith, a synonym (Lepidoptera, Phalaenidæ)." *Bull. Brooklyn ent. Soc.*, vol.49: pp.22-23, 1 fig. 1954. Sunk to *S. oculata*. [P. B.]
- McHenry, Paddy, "*Colias palæno chippewa* Kirby or Edwards? (Lepidoptera: Pieridæ)." *Bull. Brooklyn ent. Soc.*, vol.47: pp.16-17. 1952. Name credited to Edwards, 1870. Dates of parts of Edwards' *Synopsis of North American Butterflies* are given. [P. B.]
- McHenry, Paddy B., "A new name for *Papilio orion* Cramer, a preoccupied name in the Hesperiidæ." *Journ. Lepid. Soc.*, vol.13: p.66. 1960. Proposes *crameri* n.n. (*Typhedanus*).
- Mackie, Richard A., "A new species of *Eumysia* from southern Idaho (Lepidoptera: Pyralidæ)." *Proc. ent. Soc. Washington*, vol.60: pp.5-8, 2 figs. 1958. Describes as new *E. idahoensis* (Malta, Cassia Co.; reared from *Atriplex confertifolia*). [P. B.]
- MacNeill, C. Don, "A new species of *Hesperia* from California (Lepidoptera: Hesperiidæ)." *Wasmann Journ. Biol.*, vol.17: pp.88-94, 1 fig. 1959. Describes as new *H. miriamæ* (near Mono Pass, Inyo Co., Calif., 12,000 ft.) [P. B.]

- Hannemann, H.-J., "Die Eingruppierung weiterer Depressarien nach dem Bau ihrer Kopulationsorgane, Teil 2 (Lep. Ecophoridae)" [in German]. *Deutsche ent. Zeitschr.*, N.F., vol.5: pp.457-465, 7 figs. 1958. Describes as new *Agonopterix demissella* (Shiraz Gardens, SW Iran), *A. farsensis* (Hunaifagan, Fars, SW Iran); *Depressaria illepida* (Hunaifagan), *D. subhirtipalpis* (Tang-Ab, Firzabad, Fars, 4500 ft.), *D. parahofmanni* (S. Persia, Elburz Mts., Kendeven Pass, 2800-3000 m.). New synonymy & generic placements in *Agonopterix*, *Depressaria*, & *Martyrhilda*. [P. B.]
- Hannemann, H. J., "Neue Depressarien aus der Sammlung S. Toll (Lep. Ecophoridae)" [in German]. *Deutsche ent. Zeitschr.*, N.F., vol.6: pp.34-43, 15 figs. 1959. Describes as new *Agonopterix ordubadensis* (Ordubad, Russian Armenia), *A. galbella* (Yablonya 880, Manchuria), *A. tolli* (Suitun, E. Siberia), *A. inxiella* (Greece), *A. abditella* (Kurush, Dagestan), *S. subumbellana* (Kasicoporan, Russian Armenia), *A. aperta* (Hsiaoling, Manchuria). Descriptive notes on *A. septicella*, a good sp. [P. B.]
- Hannemann, H. J., "Über die Gattungsgehörigkeit von *Alucita* [*Orneodes*] *dodecadactyla* Hübner (Lep. Alucitidae)" [in German]. *Deutsche ent. Zeitschr.*, N.F., vol.6: pp. 170-173, 7 figs. 1959. Describes as new *PTEROPTERYX* for this sp. and perhaps *A. zonodactyla*. Figures ♂ genitalia of the 5 other European spp. of *Alucita*. [P. B.]
- Heath, J., "The British Eriocraniidae and Micropterygidae." *Proc. Trans. South London ent. nat. Hist. Soc.*, 1957: pp.115-125, 1 pl., 4 figs. 1958. Keys to genera & spp., colored figures of adults, brief descriptions, & notes on distribution & biology. [P. B.]
- Heinicke, Wolfgang, "Revision der Gattung *Apamea* Ochs., 1816 (Lep., Noctuidae). 1. Teil" [in German]. *Deutsche ent. Zeitschr.*, N.F., vol.6: pp.100-111, 11 figs. 1959. Describes as new *MESAPAMEA* (type *Parastichtis moderata*), *M. montana* (A-tun-tse, N. Yunnan, 4500 m.), *M. eidentis* (Batang, Tibet, 2800 m.), *M. concinnata* (Asamayama, Japan); describes genitalia of type sp. & of *M. secalis*. This group is distinguished from *Apamea* (type *sordens*). [P. B.]
- Heinicke, W., "Revision der Gattung *Apamea* Ochs., 1816 (Lep. Noctuidae). 2. Teil" [in German]. *Deutsche ent. Zeitschr.*, N.F., vol.7: pp.166-176, 4 figs. 1960. Describes individual variation of *Mesapamea secalis* & summarizes distribution of species. Transfers *Celæna calcirena* to *Mesapamea*. [P. B.]
- Henriot, R., "Une nouvelle race de *Parastichtis suspecta* Hb. du Sud-Est de la France (Lep. Noctuidae, Cuculliinae)" [in French]. *Bull. mens. Soc. linn. Lyon*, vol.29: p.273. 1960. Description of *P. s. erythema* n. ssp. (S. France, Vaucluse, Sorgnes). [P. B.]
- Herbulot, C., "Nouveaux Geometridae malgaches" [in French]. *Mem. Inst. sci. Madagascar, sér.E*, vol.5: pp.81-123, 2 pls., 37 figs. 1954. New Madagascar Geometridae. Larentiinae: *Piercia viettei* (Ankaratra Mt.); *Xanthorrhoe malgassa*, *X. vacillans*; *Orthonama quadrisecta*; *Eupithecia hydrargyrea*, *E. exheres*, *E. vesiculata*, *E. dissonans*, *E. xylopsis*, *E. multiplex*, *E. theobromina*; *Asthenotricha deficiens*, *A. parabolica*, *A. nesiotis*; *Eois incandescens*. Ennominae: *Ectropis milloti*, *E. pauliani*, *E. chopardi*, *E. vadoni*, *E. histortatoides*, *E. ulterior*; *Psilocera lemur*, *P. aspilates*, *P. phrynogyna*, *P. viettei*, *P. virescens*; *Epigynopteryx silvestris*, *E. tenera*; *Ochroplutodes hova*; *Drepanogynis hygrochroaria*, *D. ellipsis*, *D. acerba*, *D. subrosea*, *D. purpurescens*; *Nopia gracilipes*; *Xenimpia fletcheri*; *Tephrina sakalava* (Ankarafantsika); *Semiothisa leupalaria*. All but *T. sakalava* from Ankaratra Mt. [P.V.]
- Herbulot, Claude, "Lépidoptères Geometridae (Résultats de l'expédition zoologique du Professeur Dr. Håkan Lindberg aux îles du Cap Vert durant l'hiver 1953-54. No. 12)" [in French]. *Comment. biol.*, vol.16, no.10: pp.1-8, 13 figs. 1957. Describes as new *Gymnoscelis lindbergi* (Cap Verde: S. Antao); *Scopula paneli-*

- usi* (Cap Verde: S. Antao), *S. p. subirrorata* (Cap Verde: Brava). Records for 7 additional geometrid spp. from the Cap Verde Is. [W. H.]
- Herbulot, C., "Mission du Muséum dans les îles du golfe de Guinée. Entomologie: VIII. Lepidoptera Geometridæ" [in French]. *Bull. Soc. ent. France*, vol.63: pp.100-109, 3 figs. 1958. List of the Geometridæ collected in the islands São Tomé, Príncipe, & Annobon by P. Viette during the trip of the "Calypso" in the gulf of Guinea. Describes as new: *Zamarada principis* (Príncipe); *Chloroctenis gelasmoides* (Príncipe); *Neocleora vietti* (São Tomé); *Somatina sanctithomæ* (São Tomé), *S. fletcheri* (Príncipe); *Thalassodes regressa* (São Tomé); *Chlorissa annobonica* (Annobon). [P. V.]
- Herbulot, C., "Les *Psilocera* malgaches (Lep. Geometridæ)" [in French]. *Bull. Soc. ent. France*, vol.63: pp.220-229, 1 pl., 1 fig. "1958" [1959]. General study of the geometrid genus *Psilocera* in Madagascar. Describes as new *P. cuprea* (Perinet), *P. suinhoei* (Ankaratra Mts.), *P. toulgoeti* (Ranomafana), *P. tristigma* (Sandrangato), *P. griveaudi* (Ampolomita), *P. monochroma* (Perinet), *P. feruginaria pallidizona* (Ranomafana). [P. V.]
- Herbulot, C., "La position systématique d' "*Acasis*" *maria* Stauder (Geometridæ)" [in French]. *Alexanor*, vol.1: pp.140-141. 1960. The species *A. maria* described by Stauder from Calabria (S. Italy) belongs, in fact, to the genus *Solitanea* Djakonov (Geometridæ Larentiinae). [P. V.]
- Herbulot, C., "Les *Asthenotricha* de Madagascar et de La Réunion (Lep. Geometridæ)" [in French]. *Lambillionea*, vol.60: pp.21-27. 1960. Describes as new *A. quadrata* (Distr. Andranotobaka, 1400 m., Madagascar), *A. furtiva* (Distr. Moramanga: Périnet, Analamazaotra Forest, 910 m., Madagascar). Gives key to adults of the 8 spp.; summarizes their distribution; notes on variation in venation, specialized scales, & pits on ♀ 7th abdominal sternite. [P. V.]
- Herbulot, C., "Nouveaux *Drepanogynis* malgaches (Lep. Geometridæ)" [in French]. *Bull. Soc. ent. France*, vol.65: pp.104-109. 1960. Descriptions of new species of this geometrid genus from Madagascar: *D. amethystina* (Ankasoka), *D. alternans* (Périnet), *D. sogai* (Ambatondrazaka, Bemanavy), *D. quadrivalvis* (Périnet), *D. umbrosa* (Périnet), *D. salamandra* (Apitameloka), *D. prosecta* (Périnet), *D. clavata* (Marojejy Mt.), *D. atrovirens* (Ambatondrazaka, Bemanavy), *D. altisilvarum* (Ambatofitorahana), *D. rubriceps* (Périnet). [P. V.]
- Herbulot, C., "Nouveaux *Archichlora* malgaches (Lep. Geometridæ)" [in French]. *Bull. Soc. ent. France*, vol.64: pp.175-178. "1959" [1960]. Descriptions of new geometrids of the genus *Archichlora*, from Madagascar: *A. petroselina*, *A. viridicrossa*, *A. florilimbata*, *A. majuscula* (all from Périnet), *A. antanosa* (Zombitsy), *A. vieui* (Ankazobe), *A. altivagans* (Andringitra Mts.), *A. pavonina* (Ranomafana), *A. tricycla* (Anosibe Road), *A. sola* (3rd Integral Natural Reserve), *A. ambrimontis* (Ambre Mt.), *A. nigricosta* (Italaviana), *A. subrufescens* (Vohilava). [P. V.]
- Hering, Erich M., "Neue Heteroceren aus dem Congo-Gebiet. Zweiter Beitrag" [in German]. *Rev. Zool. Bot. afr.*, vol.42: pp.230-239, 11 figs. 1949. Describes as new: (Limacodidæ) *Ctenolita tristis* (Lubumbashi, Belgian Congo), *C. zernyi* (Mbinga, Tanganyika), *subrufa* (Elisabethville, Belgian Congo); (Metarbelidæ) *Marshalliana latevittata* (Elisabethville); (Saturniidæ) *Holocera micropteryx* (Elisabethville). Describes previously unknown ♂ of *Chrysopoloma crawshayi*. Key to spp. of *Ctenolita*. [P. B.]
- Hering, E. M., "Deux nouveaux Limacodidæ du Centre de Madagascar" [in French]. *Mém. Inst. scient. Madagascar, ser.E*, vol.5: pp.63-65, 2 figs. 1954. Description of 2 new Limacodidæ from Madagascar: *PSEUDOLATOIA*, & type *P. viettei* (Ankaratra Mts.) and *Macrosemyra orthogramma* (Ankaratra Mts.). [P. V.]
- Hering, Erich M., "Noch einmal *Zygæna purpuralis* (Brünnich, 1763)" [in German]. *Ent. Zeitschr.*, vol.69: p.10. 1959. Calls attention to invalidity of lectotype selection by Reiss, 1958 (*Ent. Zeitschr.*, vol.68, p.144). [P. B.]

- Heslop, I. R. P., "Fourth supplement to the 'Indexed check-list of the British Lepidoptera, with the English name of each of the 2,313 species' (1947)." *Ent. Gazette*, vol.9: pp.153-155. 1958. 17 additional spp. and 5 corrections. [P. B.]
- Heslop, I. R. P., "Revised indexed check-list of the British Lepidoptera. Part I." *Ent. Gazette*, vol.10: pp.177-187; vol.11: pp.55-66, 169-178. 1959-60. List of the 969 spp. of Macrolepidoptera giving revised nomenclature, common names, and some synonyms. [P. B.]
- Higgins, L. G., "Four new melitæine genera (Nymphalidae)." *Lepid. News*, vol.12: pp.161-164, 1 pl. 1959. Describes as new (types in parentheses): *TEXOLA* (*Eresia elada*); *ATLANTEA* (*Synchlœ perezi*); *FULVIA* (*Melitæa fasciata*); *ANTILLEA* (*Papilio pelops*).
- Hinton, H. E., "The phylogeny of the panorpoid orders." *Annual Rev. Ent.*, vol.3: pp.181-206. 1958. Review article; rearrangement of the group is based on study of larval anatomy, and only the latter justifies the separation of Micropterygidae (Zeugloptera) from Lepidoptera. [P. B.]
- Hoffmeyer, Skat, "The Transparent Burnet Moth, *Zygæna purpuralis* (Brünnich)." *Ent. Gazette*, vol.9: pp.197-200, 1 pl. 1958. Figures adults & genitalia of *Z. purpuralis* & *Z. pimpinellæ* & discusses application of the former name. [P. B.]
- Hogue, Charles L., & John W. Johnson, "A new name for *Calosaturnia meridionalis* (Saturniidae)." *Lepid. News*, vol.12: p.17. 1958. *Saturnia* (*C.*) *walterorum*.
- Holik, Otto, & Leo Sheljuzhko, "Über die Zygænen-Fauna Osteuropas, Kleinasien, Irans, Zentralasiens und Sibiriens (4. Fortsetzung und Schluss)" [in German]. *Mitt. Münchn. ent. Ges.*, vol.48: pp.166-285. 1958. Concluding section deals with subgenera *Zygæna*, *Huebneriana*, & *BURGEFFIA* (n.n. for *Polymorpha* Burgeff), with supplementary comments on some other subgenera. Describes as new: *Z. (Z.) filipendulæ tambovana* (Kozlov, Tambov district, USSR), *Z. (Z.) f. tiefi* (Suchum vicinity, Transcaucasia, USSR), *Z. (Z.) f. zangezurica* (Zangezur Mts., Armenia); *Z. (H.) loniceræ kubanensis* (Teberda Region, Ciscaucasia), *Z. (H.) l. abchasica* (Suchum, Transcaucasia, USSR), *Z. (H.) l. sarykamysheensis* (Sarykamys, W. Armenia); *Z. (B.) dorycynii kubana* (Kuban, N. Caucasus), *Z. (B.) d. karabaghensis* (Karabagh region, Transcaucasia), *Z. (B.) d. ochtshiensis* (Ochtsi, near Kafan, Zangezur region); subgenus *MESEMBRYNOIDEA* (type *Z. cambysea*); also several "forms". Proposes *hadjinica* n.n. for *Z. formosa hadjinensis*; *talassinensis* n.n. for *Z. sogdiana talassica*. Describes geographic & individual variation in great detail. Gives index to entire work. [P. B.]
- Howarth, T. G., "A description of a new race of *Acræa cerasa* Hewitson (Lepidoptera, Nymphalidae) with some notes on related species." *Entomologist*, vol.92: pp.133-136, 1 pl. 1959. Describes as new *A. c. kigezia* (Uganda, Kayonza, Kigezi). [P. B.]
- Inoue, Hiroshi, "A new species of *Lophopteryx* from Japan (Lepidoptera, Notodontidae)." *Trans. Shikoku ent. Soc.*, vol.6: pp.9-10, 2 figs. 1958. Describes as new *L. okanoi* (Mitsumine-san, 1000 m., Saitama Pref.); sinks *L. hasegawai* to *L. hoegei*. [P. B.]
- Inoue, Hiroshi, "A new subspecies of *Aglia tau* from Japan (Lepidoptera, Saturniidae)." *Trans. Shikoku ent. Soc.*, vol.6: pp.14-16, 8 figs. 1958. Describes as new *A. t. microtau* (Takao-san, Tokyo). [P. B.]
- Inoue, Hiroshi, "Three new subspecies and one unrecorded species of the Drepanidae from Japan (Lepidoptera)." *Trans. Shikoku ent. Soc.*, vol.6: pp.11-13, 4 figs. 1958. Describes as new *Macrocilix mysticata watsoni* (Takao-san, Tokyo); *Drepana harpagula olivacea* (Kamikochi, Nagano Pref.): *Cilix filipjevi malivora* (Hidai-niigawa; from pupæ on *Malus*). Sinks *M. m. bidentata* to *M. m. mysticata*. *Auzata* (*Auzatella*) *micronoides* new for Japan. [P. B.]

- International Commission on Zoological Nomenclature, "Addition to the Official Lists of Names in Zoology of the generic names *Caligo* Hübner, [1819], and *Charaxes* Oechsenheimer, 1816, and of the family-group names based thereon (Class Insecta, Order Lepidoptera)." *Bull. zool. Nomencl.*, vol.17: pp.140-142. 1959. Also conserves the type spp., *eurilochus* Cramer & *jasius* L.; *Caligo* Bdv., *Paphia* Fabr., *Jasia* Swainson, *Iasisus* Westwood, *jason* L., 1767, & several erroneous family-group names are placed on the Official Indexes. [P. B.]
- Jäckh, Eberhard, "Beitrag zur Kenntnis der Cecophoridae, die Gattung *Tubuliferola* Strand, 1917 (Lep.)" [in German]. *Deutsche ent. Zeitschr.*, N.F., vol.6: pp.174-184, 9 pls. 1959. Describes as new *T. synchrozella* (Mittenwald, Brunstein, 1400 m.), *T. latipenella* (Kyffhäuser Gebirge, Kattenburg). Redescribes & figures 10 other spp. of genus; gives notes on biology & on identity of some other names. [P. B.]
- Janmouille, E., "Distinction entre *Evetria buoliana* Schiff. et *E. pinicolana* Dbl. (Tortricidae)" [in French]. *Lambillionea*, vol.58: pp.29-30, 2 figs. 1958. Distinguishes spp. on external & genitalic characters. [P. B.]
- Jewett, Stanley G., Jr., "Concerning subspeciation in western North American *Euphydryas* (Nymphalidae)." *Journ. Lepid. Soc.*, vol.13: pp.171-173. 1960.
- Karnoschitsky, N., "New and rare Lepidoptera of Bulgaria's Black Sea coast" [in Bulgarian; Russian & English summaries]. *Bull. Inst. Zool. Acad. bulg. Sci.*, vol.3: pp.161-200, 8 figs. 1954. Records 68 spp. as new for the territory of Bulgaria. Describes as new: *Orrhodia rubiginea* var.n. *bulgarica* (env. of Stalin, formerly Varna), with 3 new "forms"; *Boarmia selenaria bureschi* (Stalin, Dalgopol, & Devnia in Bulgaria); and a new "ab." of *Hybernia declinans*. The caterpillar of *Drymonia vittata* is described also. [J. M.]
- Kasy, F., "*Thiodia 'citrana* var. *major* Rbl. bona spec.; '*citrana* var. *sardiniana*' Schaw. ssp. von *major* Rbl. (Lep., Tortr.)" [in German]. *Zeitschr. wiener Ent. Ges.*, vol.43: pp.273-275, 4 figs. 1958. Distinguishes *T. major* from *T. citrana* & selects lectotype of former; assigns *sardiniana* to *T. major* on genital structure. [P. B.]
- Kernbach, Kurt, "Über einige paläarktische Sphingidenarten und -unterarten" [in German]. *Deutsche ent. Zeitschr.*, N.F., vol.5: pp.376-381, 3 figs. 1958. Discusses subspecies & geographic variation in *Sphinx ligustri*, *S. pinastri*, *Pergesa elpenor*, & *P. porcellus*. [P. B.]
- Kernbach, Kurt, "Die Sphingidengattung *Marumba* (Moore) (Lep. Sphingidae)" [in German]. *Deutsche ent. Zeitschr.*, N.F., vol.7: pp.185-192, 21 figs. 1960. Describes as new *M. dryas ceylonica* (Ceylon). Discusses 21 spp. & ssp.; figures ♂ genitalia of most of these, & of *Polyptychus meander* & *P. brevis*. [P. B.]
- Kiriakoff, S. G., "Notes sur les Notodontoidea (Lepidoptera) du Congo Belge" [in French]. *Lambillionea*, vol.59: pp.24-34, 8 figs. 1959. Study of new material of Thyretidae. Describes as new: *Apisa (Dufraneella) fontainei* (Ruanda: Kisenyi); *Rhipidartia (Elsita) subminiata* (Uele: Paulis); *Hippurartia judith* (Uele: Paulis); *Metarctia (Metarhodia) insignis* (Ruanda: Kisenyi), *M. (Metarhodia) impura* (Uele: Paulis), *M. (Metarctia) hector* (Uele: Paulis), *M. (Metarctia) hecqi* (Kibali-Ituri: Nioka); *Bergeria ornata* (Uele: Paulis). Notes on other spp. in 8 genera. [P. B.]
- Kiriakoff, S. G., "Sur quelques Notodontidae malgaches (Lepidoptera) (deuxième contribution)" [in French]. *Rev. franç. Ent.*, vol.27: pp.173-199, 27 figs. 1960. Descriptions of new genera and species of Notodontidae from Madagascar: *ROMALEOSTAURA*, & type *R. insularis* (E. Madagascar, Anosibe Road); *ANTSALOVA*, & type *A. musculus* (W. Madagascar, Antsalova); *ARTANASA*, & type *A. viettei* (W. Madagascar, Lambomakandro Forest); *Iridoplites malgassica* (W. Madagascar, Ampijoroa); *Desmeocræra robustior* (W. Madagascar, Antsalova), *D. mediobrunnea* (N. Madagascar, Ambre Mt.); *ITALAVIANA*, & type *I. griv-*

- caudi* (E. Madagascar, Italaviana); *SCHEDOSTAUROPUS*, & type *S. elegans* (central Madagascar, Ankarata Mt.); *SPODIOSOMERA*, & type *S. oculata* (E. Madagascar, Marojejy Mt.), *S. argentea* (N. Madagascar, Ambre Mt.); *Odonotoperas insufficiens* (W. Madagascar, Lambomakandro Forest), *O. ochribasis* (same locality), *O. dorsalis* (W. Madagascar, Zombitsky Forest); *ANALAMA* (type *Scalmicauda perinetensis*), *A. conspicua* (E. Madagascar, Lakato); *Eutrotonotus subvinaceus* (W. Madagascar, Lambomakandro Forest), *E. margarethæ* (N. Madagascar, Ambre Mt.), *E. ameles* (central Madagascar, Ampolomita), *E. mediofascia* (central Madagascar, La Mandraka), *E. rectilinea* (E. Madagascar, Marojejy Mt.), *E. zeta* (N. Madagascar, Ambre Mt.), *E. viettei* (E. Madagascar, Ampitameloka), *E. basistriga* (central Madagascar, Ampolomita). [P. V.]
- Klots, Alexander B., & Bernard Heinemann, "The identity of *Papilio nise* Cramer, 1775 (Lepidoptera: Pieridæ) and a neotype designation for this nominal species." *Proc. Roy. ent. Soc. London (B)*, vol.26: pp.206-214, 1 pl. 1957. Identifies this sp. from extensive Jamaican material; discusses the confused application of this and other names; figures, with related spp. for comparison. [P. B.]
- Klots, Alexander B., "Notes on *Strymon caryævorus* McDunnough (Lepidoptera, Lycænidae)." *Journ. New York ent. Soc.*, vol.68: pp.190-198, 7 figs. 1960. Gives characters of adult, genitalia, & larva which distinguish *S. caryævorus* from *S. falacer*; describes last instar larva (found on *Carya glabra*); discusses distribution. [P. B.]
- Komárek, O., "Correlation of morphological habitual characters of the species *Zygæna carniolica* Scop. by the populations of Czechoslovakia" [in Czech; English & Russian summaries]. *Acta Soc. ent. Českosloveniae*, vol.55: pp.105-120, 5 figs. 1958.
- Krogerus, Harry, "Bemerkungen über einige finnische Kleinschmetterlinge" [in German]. *Notul. Ent.*, vol.37: pp.121-126, 6 figs. 1957. Deals with the Fennoscandian finds of *Tortrix nybomi*, *Semasia saussureana*, *Borkhausenia obscurella*, *Stomopteryx karvoneni*, *Aristotelia heliacella*, *Coleophora tractella*, *Incurvaria æripennella*, & *I. triangulifera*. The genitalia of *B. obscurella* ♂, *I. æripennis* ♂, & *I. triangulifera* ♀ are figured. [W. H.]
- Kuznetsov, V. I., "The moth *Anarsia eleagnella* V. Kuzn., sp.n. (Lepidoptera, Gelæchidæ) — a new pest of the Oliaster in the USSR" [in Russian; English summary]. *Zool. Zhurn.*, vol.36: pp.1096-1098, 4 figs. 1957. Described from Ashkhabad & other parts of S. Russia; larva on *Eleagnus* sp. [P. B.]
- de Laever, E., "Trois espèces nouvelles pour la Belgique" [in French]. *Lambillionea*, vol.59: pp.54-56, 2 figs. 1959. Records *Chersotis margaritacea*, *Eublemma parva*, & *Apamea lucens*, new to Belgium; distinguishes latter from *A. nictitans*. figuring ♂ genitalia of both. [P. B.]
- de Laever, E., "Note sur *Sterrhia incisaria* Staudinger" [in French]. *Lambillionea*, vol.60: pp.18-19, 2 figs. 1960. Describes & figures ♂ genitalia, with those of *S. mareotica* for comparison. [P. B.]
- Laffoon, Jean L., "Common names of insects approved by the Entomological Society of America." *Bull. ent. Soc. Amer.*, vol.6: pp.175-211. 1960. Lists insects by common & by scientific names; also lists names of families & larger groups, and proposed additions & changes. [P. B.]
- de Lajonquière, Y., "Deux formes nouvelles de Lépidoptères Hétérocères" [in French]. *Bull. mens. Soc. linn. Lyon*, vol.27: pp.304-305. 1958. Description of a new suspecies of the geometrid *Bupalus piniaria*: *B. p. bernieri* (Gironde, Villenave d'Ornon) and a "form" of *Agrotis crassa* from the same locality. [P. V.]
- de Lajonquière, Y., "Description d'un nouvel *Epicnaptera* de la faune européenne (Lasiocampidæ)" [in French]. *Bull. mens. Soc. linn. Lyon*, vol.29: pp.233-236. 1960. Describes as new *E. kermesifolia* from Spain (Province de Jaen, Virgen de la Cabeza). [P. V.]

- Lambert, Robert, "Caractères distinctifs de la sous-famille Sparganothinae (lépidoptères-tortricidés) et distribution des genres qui la composent" [in French]. *Proc. 10th internat. Congr. Ent.*, vol.1: p.299. 1958. Abstract.
- Le Charles, L., "Les *Papilio* de la faune française" [in French]. *Entomologiste*, vol.3: p.247, 1 col. pl. 1947. Note on the French spp. of *Papilio*. [P. V.]
- Le Charles, L., "Nouvelles sous-espèces de zygènes françaises (Lep. Zygaenidae)" [in French]. *Bull. Soc. ent. France*, vol.65: pp.102-103. 1960. New subspecies of species of *Zygaena* of the French fauna: *Z. fausta perornata* (Seine-et-Oise, Lardy), *Z. trifolii carueli* (Marne, Fleury-la-Rivière); *Z. scabiosae vosegiensis* n.n. for *Z. s. vogesiaca*, preoccupied; *Z. s. droiti* (Hautes-Alpes, Ceuze). [P. V.]
- Legrand, H., "Nouveaux lépidoptères des îles Séchelles et Cosmoledo" [in French]. *Bull. Soc. ent. France*, vol.63: pp.142-145, 1 pl., 6 figs. 1958. New Lepidoptera from the Seychelles and Cosmoledo Is.: (Gelechiidae) *Thiotricha fridaella* (Seychelles: Mahé); *Schizovalva blumenzweigella* (Mahé); (Cosmopterygidae) *Stagmatophora floretella* (Mahé); (Lyonetiidae) *Opogona daubanella* (Seychelles: Silhouette); *O. superdaubanella* (Mahé); (Geometridae) *Scopula menaisensis* (Cosmoledo, Menai). [P. V.]
- Legrand, H., "*Ephestia mistralella* Millière, bonne espèce d'Europe méridionale, et *Ephestia moebiusi* Rebel, espèce uniquement d'Europe centrale" [in French]. *Alexanor*, vol.1: pp.57-59, 1 fig. 1959. *E. mistralella* (Lep. Phycitidae) is a good sp. from S. Europe, and *E. moebiusi* is a sp. from central Europe. [P. V.]
- Legrand, H., "Note sur la sous-espèce *nana* Ch. Oberthür de *Papilio phorbanta* Linné des îles Seychelles (Lep. Papilionidae)" [in French]. *Bull. Soc. ent. France*, vol.64: pp.121-123. 1959. Suggests that types (2 only known) are of specimens introduced from Réunion, the habitat of the nominate race, and are of reduced size because of the unnatural conditions. [P. B.]
- Legrand, H., "Une espèce très discutable: *Anerastia ephestiella* Viard, simple forme d'*A. lotella* Hübner (Pyralidae)" [in French]. *Alexanor*, vol.1: pp.88-89. 1959. *A. ephestiella* is not a good species but a "form" of *A. lotella*; *uniformella* Viard was not described as a new subspecies of *E. ragonotella* but as a "n.ab." [P. B.]
- Lemée, A., *Contribution à l'étude des lépidoptères du Haut-Tonkin (Nord-vietnam) et de Saïgon* [in French]. 82 pp., 1 pl. Paris: P. Lechevalier; London: Wheldon & Wesley. 1950. (With the collaboration of Mr. W. H. T. Tams for some families of Heterocera). List of about 600 spp. of Lepidoptera collected in French Indochina: Upper Tonkin (Backan and Sontay areas) and Saïgon. Short descriptions of the following new spp.: (Zygaenidae) *Corma tamsi* (Backan); (Lasiocampidae) *Metanastris leméeipauli* (Backan); (Bombycidae) *Gunda tonkinensis*; *Ocinara tamsi*; *Bombyx leméeipauli* (all from Backan); (Notodontidae) *Pydna backanensis* (Backan); *Cerasana leméeipauli* (Hagiang); (Limacodidae) *Narosa tamsi* (Backan); (Noctuidae) *Bertula saigonensis* (Saïgon); (Tortricidae) *Cerace leméeipauli* (Backan). The collection, with the author's types except that of *Ocinara tamsi* (destroyed) is now in the Paris Museum. The publication was not recorded in the *Zoological Record*. [P. V.]
- de Lesse, H., "Description des caractères du groupe d'espèces d'*Erebia tyndarus* Esp. par rapport aux autres *Erebia* (Lépid. Rhopalocères)" [in French]. *Bull. mens. Soc. linn. Lyon*, vol.27: pp.202-205. 1958. Note on the characters differentiating the *E. tyndarus* group of spp. from other *Erebia* (Satyridae). [P. V.]
- de Lesse, H., "Caractères et répartition en France d'*Erebia aethiopellus* Hoffmsg. et *E. mnestra* Hb." [in French]. *Alexanor*, vol.1: pp.72-81, 7 figs. 1959. Study on the characters & the geographical distribution of these spp. in the French Alps. The author is said to have examined the problem with all documents joined actually, but it is not certain! [P. V.]
- de Lesse, H., "Description d'une nouvelle sous-espèce d'*Agrodiaetus hopfferi* H.S. (Lep. Lycenidae) et de sa formule chromosomique particulière" [in French].



- Bull. mens. Soc. linn. Lyon*, vol.28: pp.149-151. 1959. Description of a new ssp., *A. h. sennanensis* (W. Iran, Hamakasi, route Sanandadj, km.10). In five examples the chromosome number varies: n=28, n=29, or n=30. Perhaps this is a good species. [P. V.]
- de Lesse, H., "Note sur deux espèces d'*Agrodiætus* (Lep. Lycænidæ) récemment séparées d'après leurs formules chromosomiques" [in French]. *Lambillionea*, vol.58: pp.5-10, 9 figs. 1959. Places *A. vanensis* (n=78) as a ssp. of *A. phyllis* (n=79-82); distinguishes these from each other & from the very similar *A. post-humus* (n=10-11). [P. B.]
- de Lesse, H., "Séparation spécifique d'un *Lysandra* d'Afrique du Nord à la suite de la découverte de sa formule chromosomique (Lycænidæ)" [in French]. *Alexanor*, vol.1: pp.61-64. 1959. After study of the number of chromosomes *L. punctifera* (n=24) is a good species distinct from *L. bellargus* (n=45); *L. punctifera* and *L. syriaca* may be the same species. [P. B.]
- de Lesse, H., "Sur la valeur spécifique de deux sous-espèces d'*Agrodiætus* (Lep. Lycænidæ) récemment décrites" [in French]. *Bull. mens. Soc. linn. Lyon*, vol.28: pp.312-315, 5 figs., 1 table. 1959. Note on the taxonomic value of *A. dama hamadanensis* & *A. hopfferi sennanensis*, 2 ssp. described by de Lesse in 1959 in 2 different publications. These are now regarded as 2 spp. In this paper *A. sennanensis* is indicated in the explanatory note of the map & *A. h. sennanensis* in the table! [P. V.]
- de Lesse, H., "*Agrodiætus iphigenia* H.S. et son espèce jumelle *A. tankeri* n.sp. séparée d'après sa formule chromosomique (Lepid. Lycænidæ)" [in French]. *Bull. Soc. ent. Mulhouse*, 1960: pp.75-78, 1 table, 1 map. These dualspecies are separated by the number of chromosomes: *iphigenia*, n=12-16, and *tankeri*, n=21 (Turkey, Kop Dag Pass, 2400-2600 m.). The following synonymies are also indicated: *A. iphigenia* H.S. = *A. araratensis* Lesse; *A. tankeri* = *A. iphigenia* Lesse nec H.S. [P. V.]
- de Lesse, H., "Les nombres de chromosomes dans la classification du groupe d'*Agrodiætus ripartii* Freyer (Lep. Lycænidæ)" [in French]. *Rev. franç. Ent.*, vol.27: pp.240-264, 10 figs., 5 tables, 2 pls. 1960. Study of the numbers of chromosomes in the species group of *A. ripartii* and the distribution of the species. Describes as new *A. interjectus* (Turkey: Erzincan; n=29). In his conclusion the author allows now that the number of chromosomes is a good character, sometimes variable like others, but it is not always the best. [P. V.]
- de Lesse, H., "Nouvelle étude chorologique et cytologique conduisant à changer l'application du nom d'*Agrodiætus iphigenia* H.S." [in French]. *Lambillionea*, vol.59: pp.56-61, 1 map, 1 table, 1 pl. 1960. Note to indicate that *A. araratensis* Lesse, 1957, is a synonym of *A. iphigenia*. The author discusses Herrich-Schaeffer's figures and Freyer's publication to explain his synonymy, but apparently has not tried to discover whether Herrich-Schaeffer's type still exists. [P. V.]
- Lichy, René, "Documentos para servir al estudio de los lepidopteros de Venezuela (4a nota). Una especie nueva del genero *Heliconius* Kluk (Rhopalocera, Nymphalidæ), *Heliconius luciana* sp.n" [in Spanish; French & English summaries]. *Rev. Fac. Agron.*, Maracay, vol.2, no.3: pp.20-44, 10 figs. 1960. Type locality: Los Tiestos rapids, 190 m., 2° 13' N., 64° 12' W., upper Orinoco River. The species is a Müllerian mimic of *H. antiochus*, in another section of the genus. Suggestions are given for further study of genus. [P. B.]
- Lucas, D., "Description d'une race nouvelle de zygène observée dans les Pyrénées centrales" [in French]. *Bull. mens. Soc. linn. Lyon*, vol.28: p.303. 1959. Description of *Z. carniolica descimonti* n.ssp. (Central Pyrenees, Aussone). The author uses the term "race" in the title and the contraction "n.ssp." in the text. The author's name "Hb." is interpolated between the names of the species and of the subspecies. The new subspecies is compared with "*Zygæna berolinensis*" (*Z. c.*