

RECENT LITERATURE ON LEPIDOPTERA

Under this heading are included abstracts of papers and books of interest to lepidopterists. The world's literature is searched systematically, and it is intended that every work on Lepidoptera published after 1946 will be noticed here. Papers of only local interest and papers from this *Journal* are listed without abstract. Readers, not in North America, interested in assisting with the abstracting, are invited to write Dr. P. F. Bellinger (Department of Biological Sciences, San Fernando Valley State College, Northridge, California, U.S.A.). Abstractor's initials are as follows:

[P.B.] — P. F. BELLINGER	[W.H.] — W. HACKMAN	[N.O.] — N. S. OBRAZTSOV
[I.C.] — I. F. B. COMMON	[T.I.] — TARO IWASE	[C.R.] — C. L. REMINGTON
[W.C.] — W. C. COOK	[T.L.] — T. W. LANGER	[J.T.] — J. W. TILDEN
[A.D.] — A. DIAKONOFF	[J.M.] — J. MOUCHA	[P.V.] — P. E. L. VIETTE
[J.D.] — JULIAN DONAHUE	[E.M.] — E. G. MUNROE	

B. SYSTEMATICS AND NOMENCLATURE

- Kawabe, Atsushi, "Descriptions of three new species of the Archipsini from Japan" [in English; Japanese summary]. *Trans. Lepid. Soc. Japan*, 15: 1-7, 2 pls. 1964. Describes as new *Clepsis monticolana* (Mt. Tateyama, Toyama Pref., Honshu); *Hastula hoshinoi* (Setagaya, Tokyo, Honshu); *Philedone violetana* (Nippara, Tokyo, Honshu). [P. B.]
- Kumarek, O., "Rassen der *Zygaena carniolica* Scop. in der Tschechoslowakei. I. Teil" [in German; Hungarian summary]. *Folia ent. hung.*, s.n., 11: 103-132, 2 maps. 1958. As new describes a form "*bohémica*" from NE Bohemia (region of Hradec Králové); other races from central Europe are discussed. [J. M.]
- Kumata, Tosio, "Descriptions of three new species of *Lithocolletis* feeding on *Quercus* in Japan (Lepidoptera, Gracilariidae)." *Insecta matsumurana*, 21: 62-68, 3 figs. 1957. Describes as new *L. nigristella* (Sapporo; on *Q. dentata*), *L. leucocorona* (Sapporo; on *Q. dentata*), *L. cretata* (Noppo; on *Q. serrata* & *Q. mongolica*). [P. B.]
- Kumata, Tosio, "Descriptions of two new species of the genus *Lithocolletis* feeding on *Alnus* in Japan (Lepidoptera, Gracilariidae)." *Insecta matsumurana*, 21: 132-137, 2 figs. 1958. Describes as new *L. longispinata* (Sapporo; on *A. japonica*), *L. hancola* (Sapporo; on *A. hirsuta* & *A. japonica*). [P. B.]
- Kumata, Tosio, "Descriptions of a new genus and a new species of Gracilariidae from Japan (Lepidoptera)." *Insecta matsumurana*, 24: 52-56, 2 figs. 1961. Describes as new *CHRYASTER* (monobasic), *C. hagicola* (Sapporo, Hokkaido; reared from *Lespedeza* spp.) [P. B.]
- Kumata, Tosio, "Description of a new stem-miner of coniferous trees from Japan (Lepidoptera: Gracilariidae)." *Insecta matsumurana*, 27: 31-34, 2 figs. 1964. Describes as new *Spulerina corticicola* (Zyôzankei, Hokkaido; reared from *Abies*, *Pinus*, & *Larix*). [P. B.]
- de Laever, E., "*Noctua (Lampra) interposita* (Hübner) bona species" [in French]. *Lambillionaea*, 62: 18-19. "1962" [1963]. Gives characters & records of *N. i. baraudi* from Pyrenees & Italy. [P. B.]
- Langston, Robert L., "*Philotes* of central coastal California (Lycaenidae)." *Jour. Lepid. Soc.*, 17: 201-223, 6 figs. 1964. Describes as new *P. enoptes bayensis* (China Camp, Marin Co.), *P. e. tildeni* (Del Puerto Canyon, Stanislaus Co.).
- Lempke, B. J., "Notes on some species of *Nycteola* Hb. (Lep., Noctuidae)." *Ent. Berichten*, 18: 161-164, 1 fig. 1958. Sinks *pseudodilutana* to *cuneana*, *hungarica* to *asiatica*; notes on these spp. & on *N. populana* & *N. revayana*; names a "form" of the latter. [P. B.]

- Lenék, Oskar, "Eine gleichzeitige Zucht von *Boarmia repandata* L. und *Boarmia maculata bastelbergi* Hirschke" [in German]. *Zeitschr. wiener ent. Ges.*, 46: 127-130. 1962. Describes adults of *B. m. bastelbergi* & names 2 "forms." Compares larvae & pupae of these spp. [P. B.]
- de Lesse, H., "Spéciation et variation chromosomique chez les lépidoptères rhopalocères" [in French]. *Ann. Sci. nat., Zool.*, ser.12, 2: 1-223, 222 figs. 1960. This important work on the speciation and the chromosomal variation in the Rhopalocera is divided in three parts. In the first the author studies the number of chromosomes in a large number of species. After indications on technique, a list of chromosome numbers for 174 species is given. The indication of these numbers is, for a great part, published here for the first time. The second part is devoted to the classification of *Erebia* of the *tyndarus* group. The author has published these last years a number of papers about this subject and the conclusions are exposed here. The species are the following: *E. calcarius* ($n = 8$), *E. tyndarus* ($n = 10$), *E. cassioides* ($n = 10$), *E. nivalis* ($n = 11$), *E. callias* ($n = 15$), *E. h. hispanica* ($n = 25$), *E. h. rondoui* ($n = 24$), *E. i. iranica* ($n = 51$), *E. i. transcaucasica* ($n = ca.52$). The geographic distributions of these are given, together with comparisons between classifications from study of the genitalia and from the number of chromosomes. In the third part, comparison is made between cytological results given by the *E. tyndarus* group and that obtained in other Rhopalocera, chiefly in the genus *Lysandra*. In this genus the European and Near East species and some natural hybrids inside the *L. coridon* group are studied. At the end, a discussion on the variation of chromosome number and its interpretation is given. The study of the number of chromosomes is useful in taxonomy (it is a pity that the author uses the unusual term "taxinomie") in the Rhopalocera and in very rare cases is the exception. Owing to such cases, this study notes it is important to know the systematics of the group considered. See also *Jour. Lepid. Soc.*, 14: 147, 1961. [P. V.]
- de Lesse, H., "*Boloria napaea* Hoffmsg. retrouvé dans les Pyrénées orientales (Nymphalidae)" [in French]. *Alexanor*, 1: 231-233. 1961. Description of *B. n. pyreneorientalis* (E. Pyrenees, Eyre Valley) and confirmation of the presence of this species in this locality. [P. V.]
- de Lesse, H., "Variation chromosomique chez *Agrodiaetus dolus* Hb. (Lep. Lycaenidae)" [in French]. *Alexanor*, 2: 283-286, 1 map. 1962. Chromosomal variations in *A. dolus* and description of *A. d. pseudovirgilia* (Spain, W. of Burgos, near Villanueva de Aragon). [P. V.]
- de Lesse, H., "Lépidoptères Lycaenidae récoltés en Iran en 1961" [in French]. *Alexanor*, 2: 305-312; 3: 33-38. 1963. List of the Lycaenidae collected in Iran during a collecting trip in 1961. Descriptions of new *Agrodiaetus*: *A. baltazardi* (SE Iran, Kuh-i-Lalihzar), *A. cyanea kermansis* (same), *A. modifii* (NE Iran, Kopet Dagh). [P. V.]
- Lichy, Rene, "Documentos para servir al estudio de los lepidópteros de Venezuela 6ª nota). Apuntes sobre los *Agrias* Doubleday (Nymphalidae-Charaxidinae)" [in Spanish; French & English summaries]. *Rev. Facult. Agron.*, Maracay, 2: 5-52, 30 figs. 1962. Gives history of studies on this genus in Venezuela; describes & figures the 7 spp. & sspp. found in this country, with data on the 23 known specimens. [P. B.]
- Lichy, Rene, "Documentos para servir al estudio de los Sphingidae de Venezuela (Lepidoptera, Heterocera) (10ª nota)" [in Spanish; French & English summaries]. *Rev. Facult. Agron.*, Maracay, 2: 53-178, 55 figs. 1962. Describes as new *Isognathus tepuyensis* (Sierra de Lema); *Perigonia pittieri* (Rancho Grande Biological Station). Complete redescriptions of 12 other spp. (in *Protoparce*, *Amblypterus*, *Isognathus*, *Leucorhampha*, *Hemeroplanes*, *Epistor*, *Pachygonia*, & *Xylophanes*) which are new to Venezuela. [P. B.]
- Lipthay, B., "Eine neue *Chamaesphexia*-Art (Lepidoptera: Aegeriidae)" [in German]. *Acta zool. Acad. Scient. hung.*, 7: 213-218, 1 pl., 4 figs. 1961. Describes as new

- C. sevenari* (Nógrádszakál, N. Hungary; reared from *Origanum vulgare*); also names an "ab." [P. B.]
- Lorković, Zdravko, "Zwei neuerliche Publikationen über einige Glieder der *Erebia tyndarus*-Gruppe (Lep., Satyridae)" [in German]. *Ent. Tidskr.*, 82: 197-202. 1961. *E. calcarius tridentina* von Mentzer is regarded as belonging to *cassioides* (sensu Lorković). The specimens from the vicinity of Courmayeur assigned by von Mentzer to *E. neleus*, *E. aquitania*, & *E. nivalis* are all regarded as belonging to *E. cassioides*. [P. B.]
- Lorković, Z., "The genetics and reproductive isolating mechanisms of the *Pieris napi-bryoniae* group." *Jour. Lepid. Soc.*, 16: 5-19, 105-127, 6 figs. 1962.
- McDunnough, James H., "A study of some Scopariinae (Lepidoptera) of Nova Scotia, with particular reference to the female genitalia." *Amer. Mus. Novit.*, no. 2054, 10 pp., 7 figs. 1961. Describes as new *Eudoria persimilalis* (Doyle, Codroy Valley, Newfoundland), *E. heterosalis* (Kearney Lake Road, Halifax Co., N.S.). Notes on identity, synonymy, & genital structure of the Maritime Provinces spp. of *Eudoria* & *Scoparia*, except *centuriella* & *penumbrales*. [P. B.]
- McDunnough, James H., "A study of the Blastobasinae of Nova Scotia, with particular reference to genitalic characters (Microlepidoptera, Blastobasidae)." *Amer. Mus. Novit.*, no. 2045, 20 pp., 18 figs. 1961. Describes as new *Blastobasis maritima* (Boulderwood, Halifax Co.); *BLASTOBASOIDES* (monobasic), *B. differtella* (White Point Beach, Queens Co.); *Hypatopa titanella* (Pudsey Point, Cumberland Co.); *HOLCOCERINA*, & type *H. simuloides* (Lake Kejimikujik, Queens Co.), *H. simplicis* (Armdale, Halifax Co.). Discussion of genitalia in these genera & *Holcocera*, based on examination of type species. Describes genitalia of *Valentinia glandulella*, *Holcocera chalcopfrontella*, *Holcocerina confluentella*, & *H. immaculella*. [P. B.]
- McDunnough, James H., "Some hitherto undescribed species of Sparganothinae from Nova Scotia, with notes on other indigenous species (Lepidoptera, Tortricidae)." *Amer. Mus. Novit.*, no. 2040, 11 pp., 5 figs. 1961. Describes as new *Sparganothis scotiana* (L. Kejimikujik, Queens Co.), *S. daphnana* (White Point Beach, Queens Co.), *S. salinana* (Argyle, Yarmouth Co.). Notes on *S. pettitana*, *S. reticulatana*, & *S. irrorea*. [P. B.]
- McDunnough, James H., "Two new species of *Coleophora* from Nova Scotia (Lepidoptera, Coleophoridae)." *Amer. Mus. Novit.*, no. 2030, 4 pp., 2 figs. 1961. Describes as new *C. detractella* (Boulderwood, Halifax Co.), *C. simulans* (Coldbrook, Kings Co.). [P. B.]
- McGuffin, W. C., "Larvae of the Nearctic Larentiinae (Lepidoptera: Geometridae)." *Canad. Ent.*, suppl. 8, 104 pp., 26 pls. 1958. Reviews external morphology of geometrid larvae. Gives keys to subfamilies, & to tribes, genera, & many spp. of Larentiinae. Describes larvae (one or more instars); records food plants, & gives notes on life histories & references to earlier accounts. Proposes MESOLEUCINI to include *Mesoleuca*, *Europhila*, & *Spargania*. Discusses classification of subfamily & gives tentative phylogenesis. [P. B.]
- McHenry, Paddy B., "A rare paper of W. F. Kirby." *Jour. Lepid. Soc.*, 16: 104. 1962.
- McHenry, Paddy, "The generic, specific and lower category names of the Nearctic butterflies. Part 1—the genus *Pieris*." *Jour. Res. Lepid.*, 1: 63-71. 1962. Lists names, including those of nearctic genera of Pierinae, with complete citations, including exact dates, type selections for generic names, & location of types when originally stated. [P. B.]
- McHenry, Paddy B., "Generic or subgeneric names closely related to *Argynnis*." *Jour. Res. Lepid.*, 2: 229-239. 1963. Catalogue of generic names, including type species, and list of names in current use, for the world fauna. [P. B.]
- McHenry, Paddy, "The generic, specific and lower category names of the Nearctic butterflies. Part 2. The genus *Colias*." *Jour. Res. Lepid.*, 1: 209-221. 1963.
- Mack, Wilhelm, "Bemerkungen zur Frage der Artberechtigung von *Euchloë orien-*

- talis* Brem. gen. aest. *ausonia* auct." [in German]. *Nachrichtenbl. bayer. Ent.*, 11: 78–80. 1962. Opposes view that *ausonia* is a distinct sp. rather than a second generation "form." [P. B.]
- Mackay, Margaret Rae, "Larvae of the North American Olethreutidae (Lepidoptera)." *Canad. Ent.*, suppl. no.10, 338 pp., 161 pls. 1959. Careful descriptions & figures of larvae of some 185 spp. Keys are given to spp. and to species groups; the latter frequently do not correspond to genera based on adult structure. Suggestions for reclassification are made, on the basis of similarities in larval structure and genitalia. Index to larvae and to host plants. [P. B.]
- MacNeill, C. Don, "The skippers of the genus *Hesperia* in western North America, with special reference to California (Lepidoptera: Hesperiidae)." *Univ. Calif. Publ. Ent.*, vol.35, 221 pp., 8 pls., 28 figs., 9 maps. 1964. Describes as new *H. uncas maceswaini* (Blancos Corral, White Mts., Inyo Co., Calif.), *H. u. gilberti* (2 mi. SE of Los Reyes, D. F., Mexico), *H. pahaska martini* (4.5 mi. SE of Ivanpah, New York Mts., San Bernardino Co., Calif.). Gives keys to North American spp. Redescribes spp. occurring west of Great Plains, & describes general biology & behavior of the group. It is no criticism of this useful monograph to say that it points out how much needs to be done in this difficult genus. [P. B.]
- Malicky, Hans, "Eine neue *Procris*-Art aus Spanien" [in German]. *Ent. Berichten*, 21: 216–217, 3 figs. 1961. Describes as new *P. (Jordanita) vartianae* (Sierra de Alfacar, Granada, Spain). [P. B.]
- Marek, J., K. Spitzer, & J. Stárý, "*Noctua interposita* Hübner, 1789 in der Tschechoslowakei" [in Czech; German summary]. *Acta Soc. ent. Českosloveniae*, 61: 190–193, 2 pls. 1964. The distribution of this sp. in S. Moravia with differential diagnosis of related spp. Genitalia & imago are figured. [J. M.]
- Marion, H., "Complément au Catalogue Lhomme. Révision sommaire du genre *Crambus* d'après la monographie de Bleszynski (Crambidae)" [in French]. *Alexanor*, 1: 243–247. 1961. As is stated in the long title, this study is the revision of the French *Crambus* according to the publication of Bleszynski. [P. V.]
- Marion, H., "Révision des Pyraustidae de France (suite)" [in French]. *Alexanor*, 2: 11–18, pls. F & I. 1961. Continuation of the revision of the Pyraustidae of France. Study of the genera *Evergestis*, *Orenaia*, & *Titanio*. [P. V.]
- Marion, H., "Révision des Pyraustidae de France (suite)" [in French]. *Alexanor*, 2: 83–90, pls. G & H. 1961. End of the subfamily Evergestinae with the genera *Metaxmetes*, *Cynaeda*, *Aporodes*, *Tegostoma*, & *Emprepes*, and beginning of the Pyraustinae, with the genus *Hellula*. [P. V.]
- Marion, H., "Compléments au Catalogue Lhomme (Phycitidae)" [in French]. *Alexanor*, 2: 271–275, 1 fig. 1962. Complementary notes to the Phycitidae in Lhomme's catalogue: (1) *roxburghii* Gregson is only a "form" of *Ephestia elutella*, and (2) indication of a new locality for *Hypochalcia bruandella*. [P. V.]
- Marion, H., "I. Les *Crambus* du groupe *radiellus* Hb.—II. Les *Crambus* du groupe *myellus* en France" [in French]. *Bull. mens. Soc. linn. Lyon*, 31: 138–148, 8 figs. 1962. Studies of the *Crambus* belonging to the species groups *radiellus* & *myellus*. Describes as new *Catoptria radiella mouterdella* (Forez Mts., Pierre-sur-Haute). [P. V.]
- Marion, H., "Révision des Pyraustidae de France (suite)" [in French]. *Alexanor*, 2: 173–180, 1 pl. 1962. Continuation, including *Heliothela*, *Catharia*, & *Pyrausta* (part). [P. V.]
- Marion, H., "Révision des Pyraustidae de France. Nouveau complément au genre *Scoparia*" [in French]. *Alexanor*, 2: 224–226, 1 pl., 6 figs. 1962. New note about the *Scoparia ambigua* species complex. [P. V.]
- Marion, H., "Révision des Pyraustidae de France (suite)" [in French]. *Alexanor*, 2: 297–304, 1 pl., figs. 85–112. 1962. Genera: *Pansteugia*, *PYRAUSTEGIA* (type *diffusalis* Gn.), *MERIDIOPHLLIA* (type *fascialis* Hb.), *Opsibotys*, *Uresiphita*, *Nascia*, & *Loxostege*. [P. V.]

- Meier, Herbert G., "*PSYCHOCENTRA*, gen. nov. (Lepidoptera, Psychidae) (3. Beitrag zur Kenntnis der Psychiden)" [in German]. *Zeitschr. wiener ent. Ges.*, 48: 32-35, 4 figs. 1963. New genus proposed for *Epichnopterix millierei*. [P. B.]
- Meier, H. G., "*Rebelia* (nec *Psychidea*) *perlucidella* Bruand (Lep., Psychidae). (4. Beitrag zur Kenntnis der Psychiden)" [in German]. *Zeitschr. wiener ent. Ges.*, 48: 105-113, 5 figs. 1963. Selects lectotype & redescribes sp. [P. B.]
- Meier, Herbert G., "Zur Kenntnis der Gattungen *PSEUDOBANKESIA* gen. nov. und *Bankesia* Tutt (Lep., Psychidae) (5. Beitrag zur Kenntnis der Psychiden)" [in German]. *Mitt. münchener ent. Ges.*, 53: 1-23, 16 figs. 1963. Type of new genus is *alpestrilla* Heinemann. Redescribes *P. alpestrilla*, *P. macedoniella*, *Bankesia*, *B. conspurcatella*, & *B. staintoni*. [P. B.]
- Melville, R. V., "Report on Mr. C. W. Sabrosky's proposal for the suppression under the Plenary Powers of the pamphlet entitled "Nouvelle Classification des Mouches a deux ailes" by J. W. Meigen, 1800." *Bull. zool. Nomencl.*, 18: 9-64. 1960. The involved proposal for suppression of this work and the names of Diptera proposed in it includes also the suggestion that *Noeza* Walker, *Penthesilea* Ragonot, *Triphysa* Zeller, *Calybia* Kirby, *Graphium* Scopoli, *Xanthia* Latreille, and their type species, be placed on the Official Lists, and that certain invalid names in Lepidoptera be suppressed. [P. B.]
- von Mentzer, Erik, "Weiteres über die Spezifität von *Erebia neleus* Frh. und *Erebia aquitania* Frhst., mit *Erebia neleus* ssp. *noricana*, ssp. nova (Lep., Satyridae)" [in German]. *Ent. Tidskr.*, 82: 203-210, 2 pls. 1961. Describes as new *E. n. noricana* (Leiterbach, 1850-1900 m., Glockner-Gruppe, Kärnten, Austria). Distinguishes *E. neleus* & *E. aquitania* on structure of ♂ genitalia. Agrees with Warren that the name *cassioides* must apply to the species with chromosome number $n = 11$. [P. B.]
- Mere, Robin M., E. C. Pelham-Clinton, & J. D. Bradley, "Lepidoptera in Ireland, May, 1961." *Ent. Gazette*, 13: 159-177, 1 pl., 5 figs. 1962. Account of collecting trip and lists of spp., including new records for Ireland; Bradley describes *Coleophora pappiferella*, *Trifurcula griseella*, & *Nepticula serella*, all new to British Isles. [P. B.]
- Miller, Lee D., "A new *Hesperia* from Arizona." *Ent. News*, 73: 85-90, 5 figs. 1962. Describes as new *H. susanae* (Horseshoe Canyon, White Mts., Apache Co., Ariz., 8,000 ft.). [P. B.] These populations have been assigned to *Hesperia harpalus* by MacNeill (1964; see above) and the name *susanae* accordingly has been given subspecific rank. [EDITOR]
- Miller, William E., "A new pine tip moth (Olethreutidae) from the Gulf of Mexico region." *Jour. Lepid. Soc.*, 14: 231-236, 8 figs. 1961. Describes as new *Rhyacionia subtropica* (Valparaiso, Florida).
- Monteiro, T., "Bryophaga tavaresi nov. sp. (Lep. Scythr.)" [in French]. *Brotéria*, 30: 149-155, 8 figs. 1961. Describes as new species of Scythrididae: *B. tavaresi* from Singeverga, Portugal. [P. V.]
- Monteiro, T., & G. Bernardi, "Note sur deux Lycaenidae ibériques décrits par Bryk (Lep. Lycaenidae)" [in French]. *An. Fac. Ciênc. Porto*, 44: 5-7. 1962. *Strymon ilicis pseudoaesculi* is a synonym of *S. aesculi camboi*, and *Aricia medon heliomedon* a synonym of *A. cramera aridogenita*. [P. V.]
- Moriuti, Sigeru, "Taxonomic notes on two *Acrolepia*-species of Japan (Lepidoptera: Acrolepiidae)." *Insecta matsumurana*, 27: 35-37, 2 figs. 1964. *A. suzukiella* (= *dioscoreae*) transferred from *Argyresthia*; *A. postomacula* (= *argolitha*) from *Eidophasia*; redescribes the latter (food plant *Hosta lancifolia*). [P. B.]
- Moriuti, Sigeru, "Yponomeutoiden-Studien (IX). Eine neue *Argyresthia*-Art aus Japan (Lepidoptera, Argyresthiidae)" [in German]. *Trans. Lepid. Soc. Japan*, 15: 20-21, 10 figs. 1964. Describes as new *A. mutuurai* (Hokkaido, Isikari, Sapporo). [P. B.]
- Moucha, Josef, & Milan Chvala, "A new name for the preoccupied name *Thecophora*

- Lederer, 1857 (Noctuidae)." *Jour. Lepid. Soc.*, 13: 169-170. 1963. Proposes RILEYIANA.
- Moucha, Josef, "Remarks to the family Psychidae in Czechoslovakia" [in Czech; English summary]. *Časopis Národní Mus.*, 124: 93-95. 1955. The name "var. *sudetica* Skala" of *Epichnopteryx pulla* must be regarded as a nomen nudum. [J. M.]
- Moucha, Josef, & Gilbert Varin, "Contribution à l'étude des Satyridae. *Chazara briseis pannonica* ssp.n. de la Tschécoslovaquie" [in French]. *Acta faunistica ent. Mus. nation. Pragae*, 5: 57-60, 16 figs. 1959. New ssp. from S. Slovakia (Kováčov Hills); in W. part of Czechoslovakia lives ssp. *bataia* Fruhst. [J. M.]
- Mukerji, S., & K. Krishnamorthy, "Studies on the genus *Plusia* with special reference to male genitalia (Noctuidae; Lepidoptera)." *Proc. 42nd Indian Sci. Congr.*, part III: 295. 1955. Abstract. *Plusia orichalcea* placed in *Autographa*; *P. nigri-signa* in *Chrysaspidia*; *P. limbirena* placed in *Eosphoropteryx*. *Chrysodeixis* re-elevated, with *C. chalcites* as type. PARAPLUSIA gen. nov. proposed, with *Plusia confusa* as type. [J. D.]
- Munroe, Eugene, "Catalogue of Lederer types of Pyralidae in the British Museum (Natural History) with selections of lectotypes." *Canad. Ent.*, 90: 510-517. 1958. Notes on specimens representing 91 names; 44 lectotypes selected. [P. B.]
- Munroe, Eugene, "Canadian species of *Dioryctria* Zeller (Lepidoptera: Pyralidae)." *Canad. Ent.*, 91: 65-72, 11 figs. 1959. Describes as new *D. rossi* (Nahun, B. C., reared from *Pinus ponderosa*), *D. pseudotsugella* (Seton Lakes, Lillooet, B. C., reared from *Pseudotsuga* & *Abies*). Notes on 7 other spp. Key to spp. [P. B.]
- Munroe, Eugene, "Four new species of *Evergestis* (Lepidoptera: Pyralidae)." *Canad. Ent.*, 91: 406-411, 10 figs. 1959. Describes as new *E. koepkei* (Hda. Taulis, Peru), *E. brunnea* (same), *E. anticlina* (C. Ceratia, Argentina), *E. antofagastalis* (Paposa, Antofagasta, Chile). [P. B.]
- Munroe, Eugene, "New genera and species of Pyralidae (Lepidoptera)." *Canad. Ent.*, 91: 359-371, 27 figs. 1959. Describes as new *Syllepsis aurora* (São Paulo de Olivença, upper Amazon, Brazil); *PECTINOBOTYS*, & type *P. woytkowskii* (Sta. Teresa, Huanuco, Peru); *Megastes major* (Corupá, Sta. Catharina, Brazil); *Ghesquieriellana thaumasia* (Efulen, Cameroons); *Rhectosomia braziliensis* (Tercopolis, Rio de Janeiro, Brazil), *R. nomophiloides* (La Paz, Bolivia), *R. viriditincta* (Corupá, Sta. Catharina, Brazil), *R. antofagastalis* (Paposo, Antofagasta, Chile), *R. striata* (Finca La Violeta, Soconusco, Chiapas, Mexico); *MALLERIA*, & type *M. argenteofulva* (Corupá). [P. B.]
- Munroe, Eugene, "New Pyralidae from the Papuan region (Lepidoptera)." *Canad. Ent.*, 91: 102-112, 20 figs. 1959. Describes as new *Glypodes obscura* (War, Tami R., near Hollandia, New Guinea); *Eoophyla latipennis* (Dojo, near Hollandia), *E. latifascia* (Dojo), *E. thomasi* (Dojo), *E. persimilis* (Dojo); *Margarosticha papuensis* (Bisianumu, Sogeri Plateau, Papua, 1,600 ft), *M. aurantifusa* (Bainyik, Sepik Distr., New Guinea), *M. nesiotae* (St. Matthias Is.). [P. B.]
- Munroe, Eugene, "New species and a new subspecies of *Palpita* (Lepidoptera: Pyralidae)." *Canad. Ent.*, 91: 641-650, 9 figs. 1959. Describes as new *P. kimballi* (Englewood, Florida), *P. vietiei* (Gourbeyre, Guadelupe, W. Indies), *P. forcifera* (Nova Teutonia, Sta. Catharina, Brazil), *P. persimilis* (same), *P. trifurcata* (Boracea, Salesópolis, São Paulo, Brazil), *P. isoscelalis gourbeyrensis* (Gourbeyre), *P. braziliensis* (Rio Vermelho, Sta. Catharina, Brazil), *P. travassosi* (Boracea). [P. B.]
- Munroe, Eugene, "Pyralidae collected in Lower California by Mr. J. Powell (Lepidoptera)." *Canad. Ent.*, 91: 725-727, 4 figs. 1959. Describes as new *Gyros powelli* (La Grulla, 6,500 ft, Sierra San Pedro Martir). Transfers *Diasemia zephyralis* to *Choristostigma*; places *Pyrausta inconcinna* as ssp. of *P. futilalis*. Records of 10 spp. [P. B.]