

RECENT LITERATURE ON LEPIDOPTERA

(Under the supervision of PETER F. BELLINGER)

B. SYSTEMATICS AND NOMENCLATURE

- d'Almeida, R. Ferreira, "Ligeiras notas sobre Ithomiidæ da America do Sul (Lep., Ithomiidæ)" [in Spanish]. *An. Inst. Biol.*, Mexico, vol. 20: pp. 393-397, 3 figs. 1949. Describes as new *Mechanitis elisa acraeana* (Xapuri, Territorio do Acre, Brazil); *Dircenna acraea* (Xapuri); Sinks *Athesis clearista bassleri* to *A. c. columbiensis* Kaye; lists new entities described by Kaye in paper (1918) omitted from *Lepidopterorum Catalogus*. Note on *Hypothesis benella*. [P. B.]
- d'Almeida, R. Ferreira, "Ligeiras observaçoẽs sôbre o gênero *Citharias* Hübner, 1819. (Lep. Satyridæ)" [in Portuguese]. *Arg. Zool. Est. São Paulo*, vol. 7: pp. 493-505, 2 pls., 1 fig. 11 June 1951. Describes as new *C. similigena* (Sao Joaquim, R. Içana, Amazonas, Brazil); *C. juruaënsis* (Porto Walter, Alto Rio Jurua, Acre, Brazil); *DULCEDO* (type *Hætera polita*). Briefly redescribes *C. pireta*, *C. phantoma*, & *C. aurorina*; discusses taxonomic history of genus; gives a tentative catalogue; records distribution of spp. known to author. [P. B.]
- d'Almeida, R. Ferreira, "Notas sinonímicas sôbre Ithomiidæ (Lepidoptera, Rhopalocera)" [in Portuguese]. *Bol. Mus. Nac., Rio de Janeiro, Zool.*, no. 143: 18 pp., 21 figs. 24 Sept. 1956. Describes as new *Ceratinia nise zikani* (Utinga, Belém, Pará, Brazil). Notes on spp. & ssp. described by Zikán, 1940-42, & by Bryk, 1953, with some new synonymy; figures some adults, & ♂ genitalia of *Hypothesis antonina*. [P. B.]
- Eliot, N., "The strange case of the Camberwell Beauty." *Entomologist*, vol. 89: pp. 270-277. [26] Nov. 1956. Surveys distribution & suggests division into races: *N. a. antiopa* for Alaskan, Canadian, & Palearctic populations (except for the Himalayan *N. a. yedanula*); *N. a. grandis* for the more southern, double-brooded nearctic populations; *N. a. thomsonii* for the larger central American race (names not new here). Apparently palearctic populations are all single-brooded, & in all these (but in no American populations) the yellow border fades to white during hibernation. [P. B.]
- Eliot, N., "Nomenclature of *Nymphalis antiopa* L." *Entomologist*, vol. 90: p. 162. June 1957. Query on correct name for American double-brooded race. [P. B.]
- Evans, W. H., "Revisional notes on African Hesperiidæ." *Ann. & Mag. Nat. Hist.*, ser. 12, vol. 4: pp. 1268-2172, 4 figs. Dec. 1951. Describes as new *Callegris jamesoni jacksoni* (Gaita, Tanganyika), *C. j. neavei* (Kola Valley, E. of Mt. Chiperoni, 1700 ft., Portuguese E. Africa), *C. j. ansorgei* (Elandswater, Benguela, Angola); *Sarangesa penningtoni* (Kanna, N. Rhodesia), *S. tricerata compacta* (Mikindani, Tanganyika), *S. aza* (Aza Forest, Amadi district, S. Sudan); *Abantis leucogaster iruma* (Irumu, Ituri Forest, Belgian Congo); *Spialia wrefordi* (Kotido, Karamoja Province, Uganda); *Astictopterus tura* (Turiani, 2500 ft., Tanganyika); *Osmodes adon noda* (Bitje R., Cameroons). Notes on spp. of *Eagris*, *Eretis*, *Gomalia*, *Metisella*, *Fulda*, *Gorgyra*, *Paradaleodes*, & *Borbo*, with some new synonymy. [P. B.]
- Evans, W. H., "A note on the Indian species of the genus *Lycænopsis* Felder (Lepidoptera-Lycænidae)." *Journ. Bombay Nat. Hist. Soc.*, vol. 51: p. 755. Aug. 1953. Notes on races & synonymy of *L. puspa*, *L. limbata*, & *L. argiolus*. [P. B.]
- Evans, W. H., "A revision of the genus *Tarucus* (Lepidoptera: Lycænidae) of Europe, North Africa and Asia." *Entomologist*, vol. 88: pp. 179-187, 14 figs. [19] Aug. 1955. Describes as new *T. kulala* (Kulal, N. Kenya). Key to supp. & ssp., omitting 4 African spp. (which present no difficulty) & 6 spp. which are here assigned to other genera. General notes on genus, particularly on ♂ genitalia. [P. B.]
- Evans, W. H., "Revisional notes on African Hesperiidæ." *Ann. & Mag. Nat. Hist.*, ser. 12, vol. 8: pp. 881-885. Dec. 1955. Describes as new *Celænorrhinus kasai* (Upper Kasai district, Congo Free State); *Eagris tigris kayonza* (Kayonza, Kigezi, Uganda); *Sarangesa pandaensis deningi* (Manibonga district, N. W. Rhodesia), *S. thecla mabira* (Mabira Forest, Uganda); *Metisella agipan inyanga* (Inyanga Dows, S. Rhodesia); *Tsitana dicksoni* (Fransch Hoek Mts., Cape Prov.); *Kedestes barberæ bonsa* (Steynsburg, Cape Prov.), *K. b. bunta* (Near Steenberg Railway Station, Cape Province),

- K. straeleni* (Katentania, Belgian Congo), *K. lema linka* (Chirinda Mt., Mashonaland); *Ceratrachia flandria*, (Equateur, Flandria, Belgian Congo); *Parosmodes onza* (Kayonza Forest, Kigesi, Uganda); *Osphantes ogavæna lulwa* (Belgian Congo); *Borbo ferruginea dondo* (Dondo Forest, 20 miles from Beira, Portuguese E. Africa). Additions & corrections to his *Catalogue*, with some new synonymy. [P. B.]
- Evans, W. H., "A revision of the *Arhopala* group of Oriental Lycinidæ (Lepidoptera: Rhopalocera)." *Bull. British Mus. (Nat. Hist.), Ent.*, vol. 5: pp. 85-141. July 1957. Describes as new *Narathura anthelus impar* (Mindoro), *N. auxesia salvia* (Salwatty), *N. johoreana kalima* (Nias), *N. dispar fracta* (Karen Hills), *N. d. chota* (Ataran, Burma), *N. delta* (Malaya), *N. metamuta hilda* (Borneo), *N. muta gloria* (Nias), *N. indra* (Borneo), *N. alica* (Borneo), *N. agesilaus philippa* (Mindanao), *N. major norda* (Langkawi Is.), *N. amphimuta quadra* (Java), *N. hercules droa* (Aroa R.), *N. h. louisa* (Sudest Is.), *N. cleander minor* (Batchian), *N. c. aruana* (Aru), *N. c. jobina* (Jöbi Is.), *N. athada wilemani* (Minanao), *N. zambra plateni* (Mindanao), *N. ralanda molta* (Java), *N. aliteus panta* (Mindanao), *N. mindanensis contra* (Borneo), *N. dentia* (Mt. Marapok, Dent. Prov., Borneo), *N. aida ophir* (Mt. Ophir, Malaya), *N. havilandi kota* (Kota Tinggi, Johore), *N. wildei soda* (Sudest Is.), *N. w. newa* (Stephansort), *N. halma* (Halmaheira), *N. asma* (Woodlark Is.), *N. irma purpura* (Oetakwa R., W. New Guinea), *N. bazalooides lanka* (Ceylon), *N. tameanga acta* (Sumatra), *N. øverdijkinki unda* (?Malaya), *N. araxes talauta* (Talaut), *N. lata* (Halmaheira), *N. wanda* (Wandesia, Geelvink Bay, New Guinea), *N. styx* (Kinigunang, New Britain), *N. philander leander* (Humboldt Bay), *N. p. ander* (Kapaur), *N. p. pratti* (Mioswar Is.), *N. p. gander* (Fergusson Is.), *N. p. meeki* (New Hanover), *N. p. eichhorni* (New Ireland), *N. micale obina* (Obi), *N. m. bosnika* (Schouten Is.), *N. m. jona* (Mioswar Is.), *N. m. centra* (Simbang, central New Guinea), *N. m. riuna* (Riv, Sudest Is.), *N. alaconia media* (Peninsular Siam), *N. arsenius everetti* (Mindoro), *N. curiosa* (Dokyong La, Bhutan, 10,000 ft.), *N. avatha lana* (Mindanao), *N. admete sudesta* (Sudest Is.), *N. fulla santa* (Luzon); *AUREA* (type *Arhopala aurea*), *A. stinga* (Johore); *Arhopala arta* (Owgarra, upper Aroa R., Br. New Guinea), *A. axina* (Wangaar R., 15 miles from coast, W. New Guinea, 600 ft.); *Panchala ammonides bowringi* (Hainan); *Flos bungo* (Nias, Kalimbungo). Reviews use of generic names: *Amblypodia* (type *narada*) belongs elsewhere in the subfamily; *Arhopala* (type *phryxus*) includes only 5 Papuan spp.; most spp. usually placed in *Arhopala* fall in *Narathura*. Revision is in key form throughout & serves as a catalogue of specimens in the British Museum. [P. B.]
- Evans, W. H., "Revisional notes on the Hesperiidæ of Europe, Asia and Australia." *Ann. & Mag. Nat. Hist.*, 12th ser., vol. 9: pp. 749-752. Jan. 1957. Describes as new *Spialia galba shania* (Hsipaw, S. Shan States), *S. g. chenga* (Kiung Chow, Hainan), *S. phlomidis hermona* (Mt. Hermon, Syria); *Pedestes pedla* (Yunnan); *Erionota hislopi* (L. Tahan, Pahang, Malaya). Corrections to his catalogue, including new synonymy & comments on recent papers & new descriptions. Gives a short list of spp. described in error from South America & Africa which are synonyms of Oriental spp. [P. B.]
- Ferguson, Douglas C., "The North American species of *Calocalpe* Hübner (Lepidoptera, Geometridæ)." *Canad. Ent.*, vol. 87: pp. 325-330, 1 pl. "Aug." [30 Sept.] 1955. Describes as new *C. prunivorata* (McLean Bogs Reserve, Tompkins Co., N. Y.); this is the well-known sp. feeding gregariously on *Prunus serotina*. The European *C. undulata* also occurs in North America; its larvæ are solitary, on *Rhododendron*, *Spiræa*, *Azalea*, & *Salix*. Describes adults, larvæ, & pupæ of both spp.; figures genitalia. [P. B.]
- Fischer, Ch., "Comment asquéir la connaissance générale d'un groupe de papillons" [in French]. *Bull. Soc. Ent. Mulhouse*, 1947: pp. 36-39, 49-51, 55-57, 68-71, 76-78, 84-87, 92-95, 107-108, 1 pl. April-Dec. 1947. Lists distinctive characters, foodplants, adult & larval seasons, & localities for some 75 spp. of *Eupithecia* occurring in France. Figures representatives of each of 10 groups (based on wing pattern). [P. B.]
- Fischer, Ch., "Le groupe de *Lysandra coridon* Poda" [in French]. *Bull. Soc. Ent. Mulhouse*, 1947: pp. 23-26. March 1957. Briefly characterizes *L. coridon*, *L. albicans*, *L. caucasia*, & *L. syriaca*, with their sssp. & "forms." [P. B.]
- Fischer, Ch., "*Zygæna F. filipendule* L. en France" [in French]. *Bull. Soc. Ent. Mulhouse*, 1947: pp. 81-83, 89-91. Oct., Nov. 1947. Summarizes sssp., variation, & biology [P. B.]

- Fischer, Ch., "Encore à propos du *Parnassius apollo* d'Alsace" [in French]. *Bull. Soc. Ent. Mulhouse*, 1948: pp. 73-79, 1 pl. 1 Nov. 1948. Redescribes & figures *P. a. sewensis* & *P. a. meridionalis*; notes on habitats. [P. B.]
- Fischer, Ch., "*Parnassius* Latreille *mnemosyne* Linné" [in French]. *Bull. Soc. Ent. Mulhouse*, 1950: pp. 54-58, 63-66, 69-73, 2 pls. July/Aug., Sept., Oct. 1950. Summarizes races & variation. [P. B.]
- Fleming, Henry, "The Ctenuchidæ (moths) of Trinidad, B. W. I. Part I. Eucharomiinæ." *Zoologica*, N. Y., vol. 42: pp. 105-130, 3 pls. 25 Nov. 1957. Describes as new *Pseudosphex kenedyæ*; *Pheia beebei*; *Saurita arimensis*; *Macrocne spinivalva*; *Calonotos craneæ*; all from Simla, Arima Valley, Trinidad. List of some 45 other spp., with systematic notes; figures of adults of most spp. [P. B.]
- Fletcher, D. S., "Some new species of Geometridæ from Argentina and Chile" [in English; Spanish summary]. *Acta Zool. Lilloana*, vol. 13: pp. 367-680, 1 pl., 27 figs. Dec. 1953. Describes as new: (Archieariniæ) *LACHNOCEPHALA* (monobasic), *L. vellosata* (Coquimbo, Chile); *ARCHIEARIDES* (type *Annaphila fidoniodes*); (Larentiiniæ) *Larentia horismeata* (Valle del Lago Blanco, Chubut, Argentina); *Earophila crepusculata* (Lago Hermoso, Parque Nacional Lanín, Argentina); *E. badiiplaga* (Valle del Lago Blanco, Chubut, Argentina); *Calocalpe exacta stygiata* (Valle del Lago Blanco); *Eupithecia hastaria nebulata* (San Martín de Los Andes, Argentina); *E. haywardi* (Pucará, Parque Nacional Lanín, Argentina); *Physoloba granitata* (Pucará); *Chrysompteryx politata* (Valle del Lago Blanco, Chubut, Argentina). Raises var. *cynthia* of *Cidaria diana* to specific rank. Sinks *Triphosa directaria* to *Calocalpe exacta*; *Lagynopteryx valdiviana* & ?*Dochirava chilensis* to *L. botulata*. Figures of adults & genitalia. [P. B.]
- Fletcher, D. S., "On the validity of the name *Lobesia (Polychrosis) botrana* (Schifferrmüller)." *Ent. Berichten*, vol. 15: pp. 170-171. 1 July 1954. Shows that *botrana* is not a nomen nudum as suggested by Paclt. [P. B.]
- Fletcher, D. S., "New species of African Geometridæ." *Proc. Roy. Ent. Soc. London (B)*, vol. 25: pp. 29-34, 35-46, 6 pls. 1 March, 17 April 1956. Describes as new: (Geometrinæ) *Pingasa abyssiniaria rufata* (Nakuru, Kenya); *Prasinocyma pumilata* (Voi, Kenya), *P. pedicata* (Bingerville, Ivory Coast); *PULCHRALATA* (monobasic), *P. foxleri* (Nairobi, Ngong, Kenya); *CANCELLALATA* (monobasic), *C. subumbrata* (Kampala, Uganda); *MIRIFICA*, (monobasic), *M. variata* (Machakos, Makabete, Kenya); (Sterrhiniæ) *Sterrha townsendi* (Nakuru, Kenya); (Larentiiniæ) *Piercia jacksoni* (Kigezi, Mafuga Forest, Uganda); *Collix muscosata* (Kigezi); *Horisme longispicata* (Kigezi), *H. janseni* (Transkei, Katsberg, Cape Prov.), *H. obscurata gaudata* (Mt. Moco, Luimbale, 1800-1900 m., Angola); *Eupithecia oculata* (Musake, 6350 ft., Mt. Cameroon), *E. albimaculata* (Mt. Elgon, Kenya), *E. urbanata* (Harar, Abyssinia), *E. zingiberiata* (Nairobi, Kenya), *E. undiculata glaucata* (Karura Forest near Nairobi, Kenya), *E. vinacea* (Mt. Elgon, Kenya), *E. jacksoni* (Mt. Elgon), *E. feliscaudata* (Peter's Hut, 12,500 ft., Mt. Kilimandjaro, Tanganyika), *E. petersi* (Njombe, Tanganyika); (Enominiæ) *Xenimpia albicaput* (Bitje, 2000 ft., S. Cameroon); *Zamarada pinheyi* (Amani, E. Usimbara Mts., Tanganyika). Descriptive notes on *Pingasa* spp. & *Prasinocyma simiaria*. [P. B.]
- Foltin, Hans, "*Melitea cynthia* Hb. Die Nominatform und die hochalpine Rasse *alpicola* Galv." [in German]. *Ent. Nachrichtenbl. österr. und schweizer Ent.*, vol. 6 (Sonderheft 1954): pp. 11-14. Sept. 1955. Hübner's name generally misapplied to the high alpine race. Notes on variation, distribution, & biology. [P. B.]
- Forbes, William T. M., "A draft key to *Epimecis* (Geometridæ)." *Lepid. News*, vol. 5: pp. 59-60. [9 Nov.] 1951.
- Forbes, William T. M., "The subdivisions of the Eupterotidæ (Lepidoptera)." *Tijdschr. Ent.*, vol. 98: pp. 85-132, 61 figs. 25 Aug. 1955. Describes as new *SESQUILUNA* (type *Andraca albilunata*) — an Old World apatelodine. Divides family into Apatelodiniæ (not further discussed); Eupterotiniæ, with the tribes Tannini, Tissangini, & Eupterotini; Panaceliniæ; & Prismostictiniæ (some of these names may be new). Redescribes & discusses genera, & gives keys to genera (except Apatelodiniæ). [P. B.]
- Ford, Leonard T., "*Stigmella marionella* Ford." *Ent. Gazette*, vol. 1: p. 84, 2 figs. April 1950. Revised drawings of genitalia. [P. B.]
- Ford, L. T., "The Glyphipterygidæ and allied families." *Proc. Trans. So. London Ent. Nat. Hist. Soc.*, 1952-53: pp. 90-99, 1 pl. March 1954. Includes also Orneoididæ, Heliozelidæ, & Heliodinidæ; briefly characterizes families & British genera & spp. & figures all British spp. in color. [P. B.]

- Forster, Walter, "Bausteine zur Kenntnis der Gattung *Agriodietus* Scudd. (Lep. Lycæn.) P" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol. 41: pp. 42-61, 70-89, 118-127, 6 pls. 15 Feb., 15 March, 15 April 1956. Describes as new *A. caerulea rickmersi* (Pamir, Muskulak, 3600 m.), *A. c. evansi* (Chitral, 12,000 ft.), *A. damone wagneri* (Akshehir, Anatolia), *A. d. maraschi* (Marasch, Taurus, N. Syria), *A. d. firdussii* (scree zone, west slope, Schahkuh, N. Iran, 1800-2000 m.), *A. altivagans* ("loc. Jarzud, supra pag. Martiros", 2800 m., Daralagez Mts., Armenia), *A. transcaspica ninae* ("Vall. fl. Arpatshaj or., loc. Güartshin", Daralagez Mts., Armenia), *A. t. aserbeidshana* ("pag. Kadzharantz", Zanzegur Mts., Armenia), *A. t. elbursica* (Kendevan Pass, 2800-3000 m., Elburz Mts., N. Persia), *A. t. difficillima* (Schahkuh, N. Persia), *A. t. kotszchi* (scree zone, 2200 m., Kuh i Mirabi, N. E. Iran), *A. carmon ciscaucasica* (Kislovodsk, Ciscaucasia), *A. c. kendevani* (Kendevan Pass, 2600-2800 m., Elburz Mts.), *A. c. pseudoxerxes* (Schahkuh, Elburz Mts.), *A. c. altaiensis* (Grjady, Minussinsk, Yenisei Prov.), *A. xerxes pseudoxaneya* (Achalzich, Armenia), *A. x. brandtii* (Fti. Sine Sefid, 2200 m., Fars, Iran). Redescribes all known spp. & ssp.; figures all but *A. c. evansi*; repeats original descriptions. [P. B.]
- Franz, Elli, "Typen und Typoide des Natur-Museums Senckenberg, 5: Insecta, Lepidoptera, Papilionidæ" [in German]. *Senckenbergiana*, vol. 33: pp. 23-36. 15 June 1952. Names *Troides haliphron minahassæ* (Minahassa, Celebes) (= *ikarus* of Pagenstecher). Lists types & figured specimens in museum (Frankfurt am Main); selects some lectotypes, & also neotypes of Schutze's spp. from Mecklenburg's Central Africa Expedition (types, in Hamburg Museum, destroyed). [P. B.]
- Franz, Elli, "Typen und typoides des Natur-Museums Senckenberg, 7: Insecta, Lepidoptera, Parnassiidæ" [in German]. *Senckenbergiana*, vol. 33: pp. 257-262. 15 Nov. 1952. Lists types & figured specimens in museum collection. [P. B.]
- Franz, Elli, "Die Typen und typoides des Natur-Museums Senckenberg, 16: Insecta, Lepidoptera, Pieridæ" [in German]. *Senckenbergiana Biol.*, vol. 35: pp. 339-367, 3 pls. 1 Dec. 1955. Describes as new *Leptosia nina mindorensis* (Mindoro, Philippines). Lists types & figured specimens; figures some types & lectotypes. [P. B.]
- Franz, Elli & Heinz Schroeder, "Tagfalter (Lep. Rhopalocera) aus El Salvador" [in German]. *Senckenbergiana Biol.*, vol. 35: pp. 75-87, 2 figs. 1 May 1954. Describes as new *Actinote lapitha zilchi* (Sonsonate Road, Km. 30, Dept. La Libertad, 600 m.); *Callicore salvadorensis* (Finca San Jorge, Dept. Santa Ana, 1000 m.). Annotated list of 125 spp. & ssp. [P. B.]
- Freeman, H. A., *Ecological and systematic study of the Hesperioidea of Texas (Lepidoptera, Rhopalocera, Hesperioidea)*. 67 pp. Dallas: Southern Methodist University Press. 1951. See notice in *Lepid. News*, vol. 5: p. 61.
- von Froreich, "Über das bisher unbekannte Weibchen von *Teinopalpus aureus* Mell" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol. 39: pp. 305-310, 1 pl., 1 fig. 15 Sept. 1954. Restores genus to Papilionidæ. Describes previously unknown ♀ & figures it in color (with *T. imperialis* ♀). Notes on history of genus & on habitat of *T. aureus*. [P. B.]
- Gaillard, Raymond, "Grypocères et rhopalocères du Gard. Des Hautes Cévennes à la mer. Races et Habitat" [in French]. *Rev. franç. Lépid.*, vol. 13: pp. 299-311; vol. 14: pp. 35-39, 154-164. "Oct.-Dec. 1952" [25 March 1953]; "Feb.-March" [25 June] 1953; "Jan.-Feb." [25 June] 1954. Describes as new *Pyrgus alvææ* "race" *subdecoloratus* (credited to Picard); *Maculinea alcon* "groupe rebeli, race" *aigoulensis* (credited to Bernardi & Gaillard; actually described in another paper in 1951). List of butterflies found in this Département (France) giving local races & localities. Unfinished (1957); Satyridæ & part of Nymphalidæ not covered yet. [P. B.]
- Gillham, Nicholas W., "The taxonomic identity of *Melitea (Athaliaeformia) mayi* Gunder (Lepidoptera, Nymphalidæ)." *Psyche*, vol. 61: pp. 16-19, 1 pl. "March" [30 June] 1954. Sinks sp. to the palearctic *M. ambigua*. [P. B.]
- Gillham, Nicholas W., "*Brephidium barbouri* Clench a synonym of *Brephidium exilis isophthalma* (Herrich-Schäffer) (Lepidoptera: Lycænidæ)." *Psyche*, vol. 62: p. 34. "March" [23 May] 1955.
- Gillham, Nicholas W., "The type of *Hesperia horus* Edwards (Lepidoptera: Hesperiidæ)." *Psyche*, vol. 61: p. 162, 1 fig. "Dec. 1954" [26 Jan. 1955]. Supports Freeman's action in sinking name to *H. metea licinus*. [P. B.]
- Gillham, Nicholas W., "*Nymphalis vau-album* (Schiffermüller & Denis), a holarctic species (Lepidoptera: Nymphalidæ)." *Psyche*, vol. 63: pp. 27-29. "March" [11 Oct.] 1956. Sinks the nearctic *j-album* & *watsoni* & the eastern palearctic *samurai* to *vau-album*. [P. B.]

- Gillham Nicholas W., "*Symbrenthia silana* de Nicéville, a good species (Lepidoptera: Nymphalidæ)." *Psyche*, vol. 63. pp. 11-13, 4 figs. "March" [11 Oct.] 1956. Distinguishes sp. from *S. niphanda* on external characters & ♂ genitalia. [P. B.]
- Gillham, Nicholas W., & Paul R. Ehrlich, "The butterfly types of Henry Skinner and co-authors in the Academy of Natural Sciences of Philadelphia (Lepidoptera: Papilionoidea and Hesperioidea)." *Trans. Amer. Ent. Soc.*, vol. 80: pp. 91-117. 20 Aug. 1954. Data on types of 91 names, mainly of North American spp., with notes on type localities. [P. B.]
- Gozmány, L. A., "New Hungarian Microlepidoptera" [in English; Magyar & Russian summaries]. *Ann. Hist.-Nat. Mus. Nat. Hung.*, ser. 2, vol. 2: pp. 141-146, 10 figs. 1952. Describes as new (Gelechiidæ) *DONASPASTUS* (monobasic), *D. pannonicus* (Vörs: Diássziget (Kom. Zala)); *Aristotelia* (*Xysteophora*) *lepidolampra* (Vörs: Diássziget (Kisbalaton)); *Metzneria cryptoxena* (Budafok, Budapest); (Plutellidæ) *Subeudophasia kovácsi* (Cölömpös Bridge, Diássziget, Kisbalaton (Kom. Zala)). [P. B.]
- Gozmány, L. A., "Five new Microlepidoptera." *Ann. Hist.-Nat. Mus. Nat. Hung.*, ser. 2, vol. 7: pp. 415-418, 3 figs. 1956. Describes as new *Ethmia ethnica* (Ineu (Borosjenő), Transylvania, Rumania); *Coleophora sergii* (Budapest, Farkasvölgy, Hungary); *C. székesyi* (Budakeszi, Hársbokorhegy, Hungary); *C. pannonicella* (Budakeszi); *C. approximata* (Budakeszi). [P. B.]
- Gozmány, L., "The Microlepidoptera cænoses of the Kisbalaton" [in English; Russian summary]. *Acta Zool. Acad. Scient. Hung.*, vol. 2: pp. 149-180. 24 Feb. 1956. Sinks *Catabrachmia csornensis* to *C. roksikaella*. Describes 3 areas (forest & marshland) in Lake Balaton area, & the characteristic micros of each habitat, with notes on their biology. Annotated list of some 400 spp. in 29 families. [P. B.]
- Gregor, F., & D. Povolny, "Ceskoslovenské vřetenusky (*Zygæna* Fabr.)" [in Czech; German & Russian summaries]. *Acta Ent. Mus. Nat. Pragæ*, vol. 30: pp. 253-277, 5 pls. 31 Oct. 1956. Systematic & faunistic study about the Czechoslovak spp. of *Zygæna*. Genitalia of all spp. are figured, & all spp. are figured in color. [J. M.]
- Gross, Franz Josef, "Beitrag zur Unterscheidung von *Cænonympha arcania* L. und *gardetta* de Prunner" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol. 39: pp. 372-384, 7 pls., 1 fig. 15 Nov. 1954. Distinguishes these 2 spp. & their races on external characters, supported by distribution (*gardetta* is found above 1000 m., *arcania* below this level). [P. B.]
- Gross, Franz Josef, "Beitrag zur Kenntnis der Schmetterlingsfauna des unteren Moseltales" [in German]. *Zeitschr. Lepid.*, vol. 3: pp. 151-155, 1 fig. 15 Aug. 1955. Repeats original description of *Caradrina aspersa* & describes distinct local race (no name given). Annotated list of 55 spp. (including micros). [P. B.]
- Gross, Franz Josef, "*Caradrina aspersa budenbrocki* ssp. nov. an der Mosel" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol. 41: pp. 115-117, 1 pl. 15 April 1956. Names race described above; type locality Eller an der Mosel. [P. B.]
- Günther, Klaus, "Systematik und Stammesgeschichte der Tiere 1939-1953" [in German]. *Fortschr. Zool.*, vol. 10: pp. 33-278, 9 figs. 1956. Includes a review of recent theories of the classification & phylogeny of insects in general, & of Lepidoptera. [P. B.]
- Hannemann, Hans Joachim, "Natürliche Gruppierung der europäischen Arten der Gattung *Depressaria* s.l. (Lep. Ecoph.) (begründet auf die Bildung der männlichen Kopulationsorgane und in Beziehung gesetzt zur Verwandtschaft der Wirtspflanzen ihrer Larven)" [in German]. *Mitt. Zool. Mus. Berlin*, vol. 29: pp. 270-374, 21 pls., 2 figs. 15 Dec. 1953. Describes as new *Agonopteryx probella* (Sutschan), *A. canuflavella* (Guelma, Algeria), *A. invenustella* (Pont du Caïd, Algeria), *A. klimeschi* ("Naturns bei Meran"; reared from *Artemisia vulgaris*); *LEVIPALPUS* (type *D. hepatoriella*); *Martyrhilda sutschanensis* (Sutschan); *D. krasnowodskella* (Krasnowodsk), *D. subtenebricosa* (Guelt-es-Stel, Algeria), *D. rungsiella* (Ifrane, Morocco); *HORRIDOPALPUS* (type *D. dictamnella*). Describes ♂ genitalia of 136 spp. of these genera; gives keys to genera, spp., & species groups of *Depressaria*. Some new synonymy. Records foodplants; notes that most feed on Umbelliferae or Compositae, & suggests that this is evidence for close relationship of these plant families. [P. B.]
- Hannemann, Hans Joachim, "Über die weiblichen Genitalapparate der Gattung *Martyrhilda* Clarke, 1941 (Lep. Ecoph.)" [in German]. *Deutsche Ent. Zeitschr.*, N. F., vol. 4: pp. 103-111, 4 pls. 1 April 1957. Gives key to 12 palearctic spp. based on wing pattern; describes ♀ genitalia of 8 spp. [P. B.]

- Harbison, Charles F., "A new species of *Megathymus* from Baja California, Mexico (Lepidoptera: Megathymidae)." *Trans. San Diego Soc. Nat. Hist.*, vol. 12: pp. 231-262, 4 pls. 15 March 1957. Describes as new *M. comstocki* (2 mi. NE of San Simón); extensive comparative notes on *M. stephensi*, *M. mariae*, & *M. polingi*. Reared from *Agave orcuttiana*. [P. B.]
- Hartig, F., "Über die strukturelle Zusammengehörigkeit einiger *Metasia*-Arten" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol. 37: pp. 30-38, 5 pls. 30 Sept. 1952. Describes as new subgenus *CLASPERIA* (type not indicated; includes *M. ophialis*, *M. cuencalis*, & *M. younesalis*); subgenus *HYSTRIXIA* (for *M. younesalis*) (!); *M. ophialis sardinica*. Describes & figures genitalia of 11 spp. of *Metasia*; discusses distribution of some spp. [P. B.]
- Hayashi, Kei, "On a new subspecies of *Spindasis takaonis* Matsumura from northern Honshu, Japan." *Trans. Lep. Soc. Japan*, vol. 6: p. 30, 10 figs. 1955. Describes as new *S. t. septentrionalis* (Tanohata-mura, Shimohei-gun, Iwate Pref.). [P. B.]
- Hayward, Kenneth J., "Hesperioidea Argentina XX. Subfamilia Hesperinae: algunos cambios de nomenclatura" [in Spanish; English summary]. *Acta Zool. Lilloana*, vol. 7: pp. 331-335. 1949. Changes of names of 16 spp. required because of synonymy or previous misidentification. [P. B.]
- Hayward, Kenneth J., "Ninfálidos argentinos. Modificaciones en su nomenclatura y en la lista de especies (Lep. Nymphalidae)" [in Spanish; English summary]. *Acta Zool. Lilloana*, vol. 7: pp. 5-26. 1949. Makes numerous changes of name; records additional spp. & excludes others from Argentine list. [P. B.]
- Hayward, Kenneth J., "Una nueva especie y dos nuevas formas de pieridos argentinos (Lep. Pieridae)" [in Spanish; English summary]. *Acta Zool. Lilloana*, vol. 7: pp. 135-137. 1949. Describes as new *Tatochila inversa* (Quebrada Carapunco, Dept. de Tafí, Prov. Tucumán, 2500 m.); also "forms" of *Pseudopieris nehemia* & *Tatochila autodice*. [P. B.]
- Hayward, Kenneth J., "Las fechas de publicación de *Die ausländischen Schmetterlinge de Esper*" [in Spanish; English summary]. *Acta Zool. Lilloana*, vol. 12: pp. 67-68. Dec. 1953. Gives dates of publication of parts. [P. B.]
- Hayward, Kenneth J., "Satíridos argentinos (Lep. Rhop. Satyridae) I. Los géneros (excluidos *Euptychia* y *Neomaniola*)" [in Spanish; English summary]. *Acta Zool. Lilloana*, vol. 13: pp. 5-66, 100 figs. Dec. 1953. Describes as new *PAMPASATYRUS* (type *Epinephela gyrtone*); *AUCA* (type *Satyryrus pales*); *SPINANTENNA* (type *Satyryrus tristis*); *NELIA* (type *Satyryrus nemoroides*). Selects types of *Neomaniola* (*Pseudomaniola euripides*) & *Pseudosteroma* (*Steroma pronophila*). Redescribes Argentine genera, mostly from type spp.; also redescribes *Erebia* & *Maniola*; completes removal of Argentine spp. from European genera. [P. B.]
- Hayward, Kenneth J., "Catálogo sinónimo de ropaloceros argentinos excluyendo hesperidos (primer suplemento)" [in Spanish; English summary]. *Acta Zool. Lilloana*, vol. 14: pp. 353-372. 3 Sept. 1954. Adds 21 spp. & ssp. to Argentine list & removes 4, including *Ascia guarani* & *Tithorea virginalis* which are African spp. belonging to *Belenois* & *Amauris* respectively. Lists changes in nomenclature, additional synonymy, & other corrections to catalogue. [P. B.]
- Hayward, Kenneth J., "On the identity of *Pamphila kirbyi* Reed." *Entomologist*, vol. 88: p. 261. [25] Nov. 1955. Type, supposed to be Chilean, is actually *Thymelicus lineola*. [P. B.]
- Heimlich, Wilhelm, "Eine neue Notodontide aus Chile (Lep. Het.)" [in German]. *Mitt. Münchner Ent. Ges.*, vol. 46: pp. 308-310, 1 pl. 1 Dec. 1956. Describes as new *PRÆANTARCTIA* (monobasic), *P. indecisa* (near Chillan, 37° S. lat.). Remarks on poverty of Chilean fauna. [P. B.]
- Heinicke, Wolfgang, "Monographie über *Heliophobus* (*Hadena* [*Mamestra*]) *texturata* Alpheraky, 1892 (Lep., Noctuidae)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol. 41: pp. 145-159, 174-179, 6 figs., 2 maps. 15 May, 15 June 1956. Supports view that European records are of an endemic ssp., *H. t. silbernageli*. Discusses taxonomic history. Maps known localities. Compares ssp., & compares *H. texturata* & *H. calcatrippæ*. Describes all stages & biology; foodplant *Astragalus glycyphyllus*. [P. B.]
- Herbulot, Cl., "Liste des Ennominae de Madagascar (Lep. Geometridae)" [in French]. *Naturaliste Malgache*, vol. 8: pp. 243-260, 1 pl. "1956" [Jan. 1957]. List of the Madagascar Geometridae Ennominae, with descriptions of new spp: *Epigynopteryx pygmaea*, *Xanthisthisa borgeaudi*, *Psilocera penicillata*, *Nopia radiata*, *Drepanogynis tornimacula*, *D. sandrangantensis*, *D. discolor*, *D. olivina*, *Semiothisa avitusarioides*, *Cabera toulgoëti*. [P. V.]

- Herbulot, Cl., "Nouvelles formes de Geometridæ d'Europe occidentale et d'Afrique du Nord" [in French]. *Bull. Mens. Soc. Linn. Lyon*, vol. 26: pp. 190-192. Sept. 1957. Descriptions of a series of new subspecies of Geometridæ from West Europe & North Africa: *Ortholitha octodurensis lozeræ* (Florac, central France); *Anticlea badiata tellensis* (Cavallo, Algeria); *Itame vincularia lycioidaria* (Djebel Gafsa, Tunisia); *Semiothisa liturata hispanica* (Orihuela del Tremedal, Spain); *Dyscia distinctaria perdistincta* (Hinojos, Spain). [P. V.]
- Herbulot, C., & P. Viette, "Mission de l'Office National Antiacridien au Tibesti-Tchad (1949). Lépidoptères hétérocères" [in French; English summary]. *Ann. Soc. Ent. France*, vol. 121: pp. 77-92, 3 figs., 1 map. Dec. 1952. Describes as new (Pyralidæ) *Trachypteryx tibestiensis* (Tibesti: Fochi près Gouro); (Geometridæ) *Scopula kohor* (Tibesti: SW slope of Kohor, 2000 m.); (Noctuidæ) *Calhyccoda mirei* (Ennedi: Oued Kafra); *Rhaguva ennedica* (Ennedi: Oued près An Djeress). List includes 37 spp. (with Cossidæ, Natodontidæ, Lymantriidæ, Arctiidæ, Saturniidæ, & Lasiocampidæ). [P. B.]
- Hering, Erich M., "Was ist *Tinea Rajella* Linnaeus, 1758?" [in German]. *Zeitschr. Lepid.*, vol. 2: pp. 145-147. 31 Dec. 1952. Demonstrates, from De Geer's figure of mine on leaf of *Alnus glutinosa*, that this is the sp. generally known as *Lithocolletis alnifoliella*; sinks latter name. [P. B.]
- Hering, Erich Martin, "Generische Unterschiede zwischen *Stomopteryx* Hein. und *Aproaerema* Durr. (Lep. Gelech.)" [in German]. *Opusc. Ent.*, vol. 17: pp. 201-207, 5 figs. [5 Nov.] 1952. Establishes distinctness of these genera; lists spp. of each; gives notes on Swedish distribution. *Stomopteryx* may be a junior synonym of *Harpagus*, whose type needs study. [P. B.]
- Hesselbarth, Gerhard, "Bemerkungen zu der Verbreitung und den geographischen Rassen von *Pieris napi* L. (Pieridæ)" [in German]. *Zeitschr. Lepid.*, vol. 3: pp. 33-42. 15 Sept. 1953. Reviews ssp. & their distribution & gives list of 18 presumably valid ssp. . [P. B.]
- Heydemann, F., "Beitrag zur Lepidopteren-Fauna Afghanistans" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol. 39: pp. 385-396, 412-428, 2 pls., 16 figs. 15 Nov., 15 Dec. 1954. Describes as new *Melitæa deleréi* (Kabul), *M. pusilla* (Sarobi); *Polyommatus* ("*Lycæna*") *adulterinus* (Kabul); also several "var." List, with systematic notes, of 63 spp. of butterflyes; figures adults & ♂ genitalia of some spp. [P. B.]
- Heydemann, Fritz, "Die Bedeutung der sogen. 'Dualspecies' für unsere Kenntnis über die Artbildung bei Lepidopteren" [in German]. *Ber. 7 Wanderversammlung Deutscher Ent.*: pp. 91-101, 7 figs. 1955. Redefines "dual species" (i.e. sibling species) as species pairs which are much more similar morphologically than are "normal" spp. of genus. Speculates on basis deciding which is "older" species in such a pair. Postulates sympatric origin of sibling spp. but does not suggest any possible mechanism for such origin. [P. B.]
- Heydemann, F., "Bemerkungen über 'Dualspecies' bei Lepidopteren" [in German]. *Nachrichtenbl. Bayer. Ent.*, vol. 5: pp. 105-109. 15 Nov. 1956. Reply to criticism by Pröse of his concept of sibling species. [P. B.]
- Higgins, L. G., & E. P. Wiltshire, "Bemerkungen zu *Melitæa*- und *Pararge*-Formen aus dem Mittleren Osten, veranlasst durch F. Heydemanns kürzlich erschienen Artikel über Rhopaloceren aus Afghanistan" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol. 41: pp. 10-15, 6 figs. 15 Jan. 1956. Comments on paper by Heydemann, 1954 (above). Higgins shows that all new names in *Melitæa* are synonyms & that *pusilla* is a homonym; discusses geographical variation in ♂ genitalia of *M. trivialis* (= *pusilla* Heydemann). Wiltshire maintains that *Pararge felix* & *P. menawa* are distinct spp. [P. B.]
- Holik, Otto, "Östliche und fernöstliche *Erebia*-Formen. I" [in German]. *Ent. Nachrichtenbl.*, Vienna, vol. 1: pp. 58-65. June 1954. Describes as new *E. ligea interposita* (Altai), *E. l. urgaensis* (Urga, Mongolia), *E. l. vitimensis* (Witimsk, Lena region, N. Siberia). Describes geographic & other variation in *E. ligea* & *E. jenseiensis* in Asia; doubts Asiatic occurrence of *E. euryale*. Study based on Staudinger collection. Descriptions very superficial (e.g. "*urgaensis* (ssp.n.), in comparison to the Sajan form shows even greater approach to ssp. *ajanensis* Mén. in further development of the characters of that subspecies"). Discussion of this important material, in so difficult a genus as *Erebia*, deserves better handling and publication in a more permanent journal. [P. B.]
- Holik, Otto, "Neue und interessante *Satyrus*-Arten (Satyridæ)" [in German]. *Zeitschr. Lepid.*, vol. 3: pp. 171-181, 2 pls. 15 Aug. 1955. Describes as new *S. (Kanetisa)*

- koztschi* (Badachshan, Sebak-Tal, Hindukush); *S. (Pseudochazara) geyeri daghestana* (Gunib, N. Daghestan). Redescribes *S. (K.) digna* & *S. (Satyrus) pimpla*. [P. B.]
- Holik, Otto, "Satyrus dryas Scop. im ostpaläarktischen Raum" [in German]. *Bonner Zool. Beitr.*, vol. 7: pp. 193-228, 5 pls. [1 Nov.] 1956. Describes as new *S. d. altaicus* (central Altai), *S. d. juldussicus* (Juldus Valley, Thian-Shan, 41° N., 84-86° E., 2600 m.), *S. d. amurensis* (Chabarovsk, Amur, 48° N., 135° E.), *S. d. sichotensis* (Tjutiho, Sichota-alin, 44°15' N., 135°50' E.), *S. d. chosensis* (Seishin, N. E. Korea), *S. d. shantungensis* (Tsing-tau, Shantung, 36° N., 120° E.), *S. d. taishanicus* (Tai-shan, Shantung, 36° N., 117°30' E., 1540 m.), *S. d. nankingensis* (Lung-tan near Nanking, Kiangsu), *S. d. mienshanicus* (Mien-shan, 2000 m., Shansi, 37° N., 113° E.), *S. d. chekiangensis* (E. Tien-mu-shan, Chekiang, 30°25' N., 119°30' E.), *S. d. macropterus* (Kwang-tseh, Fukien, 27°40' N., 117°40' E.), *S. d. hönei* (Ta-pei-shan, 1000 m., Tsing-ling-shan, S. Shensi), *S. d. pauperoides* (Min-shan, S. W. Kan-su, 34°30' N., 103-104° E.). Study of geographic variation based on some 1200 specimens. [P. B.]
- Holik, Otto, & Leo Sheljuzhko, "Über die Zygaenen-Fauna Osteuropas, Kleinasiens, Irans, Zentralasiens und Sibiriens (2. Fortsetzung)" [in German]. *Mitt. Münchner Ent. Ges.*, vol. 46: pp. 93-239. 1 Dec. 1956. Describes as new subgenus *LIBANIA* (type *Z. graslini*); *Z. (Celestina) formosa hadjinensis* (Hadjun), *Z. (C.) brandti sengana* (Ft. Sengan, Persian Baluchistan, 1800 m.), *Z. (C.) truchmena ferganica* (Fergana region; type locality not specified), *Z. (C.) sogdiana padshaatensis* (Padsha-ata, Fergana, Namagan district), *Z. (C.) s. karatauensis* (Kara-tau, Syr-Darja), *Z. (C.) s. talassica* (Talasski Ala-Tau, Syr-Darja); *Z. (Agrumentia) carnioica euxina* (Novorossiisk, N. Caucasus), *Z. (A.) c. zhicha'evi* (Kislovodsk, Terek region, N. Caucasus), *Z. (A.) c. lesgina* (Dagestan; type locality not specified), *Z. (A.) c. tkatshukovi* (Ochtsi, Zanzegur Mts., Armenia), *Z. (A.) c. jennisjensis* (Minussinsk, W. Siberia); subgenus *USGENTA* (type *Z. huguenini*). Also names several "forms." Describes in detail geographic & individual variation of spp. of these subgenera. [P. B.]
- Hollande, André, Jean Cachon, & François Vaillant, "Recherches sur quelques larves d'insectes termitophiles (Muscidae, Calliphoridae, Cestridae, Tineidae, Melandryidae)" [in French]. *Ann. Sci. Nat., Zool.*, ser. 11, vol. 13: pp. 365-396, 30 figs. May 1952. Gives first description of adults of *Plastopolypus divisus*, reared from nests of *Scheadorhinotermes putorius* in Africa. Larva (previously known) has pair of jointed lateral appendages on first 7 abdominal segments; larva is xylophagous, but also seems to be fed by termites, which in turn eat larval excrement. [P. B.]
- Hopkins, G. H. E., "Homonyms for subspecies and aberrations." *Entomologist*, vol. 88: pp. 64-65. [18] March 1955. Proposes amendment to International Rules providing that if the same name has been proposed for both subspecies and infra-subspecific units in the same species, the former usage shall have priority. [P. B.]
- Huggins, H. C., "The Burren subspecies of *Erynnis tages* Linn." *Entomologist*, vol. 89: pp. 241-242. [24] Oct. 1956. Describes as new *E. t. baynesi* (Burren, Ireland). [P. B.]
- Inoue, Hiroshi, "On the structure of male genitalia of the genus *Lüdorfia* (Lepidoptera)" [in Japanese; English summary]. *Insect Ecology*, vol. 3: pp. 91-93, 10 figs. March 1951. Figures & compares genitalia of *L. japonica* & *L. puziloi inexpectata*. [P. B.]
- Inoue, Hiroshi, & Shigero Sugi, "On the genera *Cymatophoropsis* Hampson and *Trispila* Houlbert (Lepidoptera, Noctuidae)" [in English; Japanese summary]. *Trans. Lep. Soc. Japan*, vol. 8: pp. 19-22. 1957. Sinks latter genus to former (*Apatelinæ*). Describes as new *C. trimaculata tanakai* (Honshu; type locality not specified). Catalogue of genus (2 spp.). [P. B.]
- International Commission on Zoological Nomenclature, "Opinion 450. Suppression under the Plenary Powers of the generic name *Phalæna* Linnæus, 1758, and validation as of subgeneric status (a) as from 1758, of the terms *Bombyx*, *Noctua*, *Geometra*, *Tortrix*, *Pyralis*, *Tinea*, and *Alucita* as used by Linnæus for groups of species of the genus *Phalæna* and (b) as from 1767 of the term *Attacus* similarly published by Linnæus and matters incidental thereto (Class Insecta, Order Lepidoptera)." *Opin. Decl. Intern. Comm.*, vol. 15: pp. 253-328. 8 March 1957. Above genera placed on *Official List*, with their types, respectively *pronuba*, *papilionaria*, *viridana*, *farinalis*, *pellionella*, *hexadactyla*, *atlas*; family-group names correctly based on these genera also conserved. Placed on *Official Indexes* are *Phalæna*, *Geometra* Paetel, *Noctua* Linnæus, 1764, *Noctua* Gmelin, 1771, *Orneodes* Latreille, *Tinea* Geoffroy,

- Tinea* Griffith, *Tortrix* Oppel, & various family-group names based on rejected generic names or incorrectly formed. [P. B.]
- Issekutz, L., "Parnassius apollo (L.) in the Carpathians" [in English; Magyar & Russian summaries]. *Ann. Hist.-Nat. Mus. Nat. Hung.*, ser. 2, vol. 2: pp. 133-140, 2 pls. 1952. Describes as new *P. a. nitriensis* (Szkiczó, Nyitra Mts.), *P. a. rosnaviensis* (Rosnava), *P. a. ruthenicus* (Királymező). Describes local variation, assigning Carpathian populations to 10 named races, including above. [P. B.]
- Issekutz, L., & L. Kovács, "*Melitaea britomartis* Assmann, with special regard to its occurrence in Hungary" [in English; Magyar summary]. *Ann. Hist.-Nat. Mus. Nat. Hung.*, ser. 2, vol. 5: pp. 287-303, 2 pls. 1954. Describes as new *M. b. kaposensis* (Kaposvár), *M. b. centroposita* (Szentendre, Köhegy), *M. b. confulgens* (Bükk Plateau, around Mt. Bálvány), *M. b. diószeghyi* (Borosjenő), *M. b. barthae* (Sliven, Bulgaria); also several "forms." Distinguishes Hungarian populations from *M. athalia* & *M. parthenie*. Describes local variation in ♂ genitalia. Discusses habitats, phenology, & zoogeography. [P. B.]
- Jackson, T. H. E., & T. G. Howarth, "*Diestogyna butleri* Aurivillius (Lep. Nymphalidae) and corrections to an earlier paper." *Proc. Roy. Ent. Soc. London (B)*, vol. 26: pp. 99-102, 2 pls. 18 June 1957. Redescribes sp.; describes as new *D. b. kivuensis* (Kwidgwi Is., L. Kivu, 1500-2000 m., Belgian Congo); *D. ituriensis* (Beni, Ituri Forest, Belgian Congo) (this was described by authors in 1950 as ♂ of *butleri*). Raises "form" *marabotensis* of *Pseudacraea boisduvalii* to subspecific rank. Note on *Charaxes smaragdalis caerulea*. [P. B.]
- Jacobs, S. N. A., "On the British Cecophoridae (Lep. Tin.) III." *Proc. Trans. So. London Ent. Nat. Hist. Soc.*, 1954-55: pp. 54-76, 1 pl. May 1956. This concluding section covers *Depressaria* (28 spp.), & *Epigraphia*, *Semioscopis*, & *Enicostoma* (1 sp. each). All are redescribed & figured in color (representatives of last 3 genera in this journal, 1952-53, pl. 8). Larvæ are briefly described & foodplants are recorded (unknown for 1 *Depressaria*). [P. B.]
- Jäckh, Eberhard, "Die fruchtminierenden Arten der Gattung *Nepticula* Heyd. (*Etainia* Beirne) an den vier deutschen Ahornarten (Lep. Nepticulidae)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol. 36: pp. 170-178, 3 pls. 30 June 1952. Describes as new *N. monspessulanella* (near Lorelei, middle Rhine region; reared from *Acer monspessulanum*). Gives keys to n.sp., *M. decentella*, *M. sericopeza*, & *M. sphendammii*; describes ♂ genitalia of last. Describes biology; larvae of these spp. mine in buds of *Acer* spp. in first generation, & in winged fruits in second. The spp. are monophagous, & their relationships appear to correspond to those of their hosts. [P. B.]
- Jäckh, Eberhard, "*Catoptria* [*Semasia*] *heringiana* n.sp. (Eucosmidae)" [in German]. *Zeitschr. Lepid.*, vol. 3: pp. 43-45, 2 figs. 15 Sept. 1953. Described from Wangeroo, Germany; this is *C. rubescana* of Huggins, 1934, not of Constant. [P. B.]
- Jäckh, Eberhard, "Eine weitere in Deutschland an *Aster linosyris* (L.) Bernh. lebende *Coleophora*-Art (Lep. Coleophoridae)" [in German]. *Deutsche Ent. Zeitschr.*, N.F., vol. 4: pp. 54-56, 8 figs. 1 April 1957. Distinguishes between *C. linosyridella* & *C. vlachi* (adults differ consistently only in genitalia). Foodplant the same but ranges apparently do not overlap. [P. B.]
- Janmouille, Édouard, "Notes sur les microlépidoptères de Belgique. IV. Quelques espèces nouvelles pour la faune Belgique ou peu connues" [in French]. *Bull. Inst. Roy. Sci. Nat. Belg.*, vol. 28, no. 68: 8 pp., 1 fig. Dec. 1952. Selects neotype of *Gelechia rosabella*. New to Belgium: *Crambus osthelderi*, *Pyrausta obfuscata*, *Cacæcia lafauryana*, *Coleophora teidensis*, *C. salicorniæ*, *C. inulifolia*, *Lithocolletis junoniella*, *Nepticula weaveri*. [P. B.]

E. DISTRIBUTION AND PHENOLOGY

- Hill, Frank L., "Notes on the natural history of the Monte Bello Islands." *Proc. Linn. Soc. London*, vol. 165: pp. 113-114, 1 pl., 1 map. June 1955. Lists 80 Lepidoptera, in 14 families. [P. B.]
- Hyde, George E., "A mecca for moth hunters." *Country Life*, vol. 118: pp. 223-224, 7 figs. 4 Aug. 1955. Fauna of Dungeness region, Kent; photos of some species. [P. B.]
- Inoue, Hiroshi, *Check list of the Lepidoptera of Japan. Part I: Micropterigidae-Phalonidae*. 112 pp. Tokyo: 12 Oct. 1954. [See review in *Lepid. News*, vol. 9: p. 159].

- Janmouille, E., "Espèces nouvelles pour la faune belge (suite)" [in French]. *Lambillionea*, vol. 55: pp. 3-4. July 1955. *Tinea pallescenscella*, *Monopis crocicapitella* (= *lombardica*, = *heringi*), new species for the fauna of Belgium. [P. V.]
- Kaisila, J., "Über das Vorkommen zweier Generationen bei den finnischen Grossschmetterlingen im allgemeinen und besonders im Sommer 1953. [in German]. *Ann. Ent. Fennici*, vol. 20: pp. 20-40, 2 figs., 1 diag. 1954. Deals with the Macrolepidoptera which have more than one generation during the summer in Finland. The climatic conditions favoring a second generation in 1953 are analyzed. [W. H.]
- Karfeldt, Carlos E., "Observations on San Francisco's last major sand dune, with notes on its flora and insect fauna." *Wasmann. Journ. Biol.*, vol. 12: pp. 293-336 1954. Eight species of Lepidoptera form a part of the insect fauna of this dune. [J. T.]
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H. MIGRATION

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CORRIGENDUM: Delete the 13th through 10th lines from the bottom of page 179 in the preceding issue (vol. 11: nos. 4-5).