

RECENT LITERATURE ON LEPIDOPTERA

(Under the supervision of PETER F. BELLINGER)

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; omissions of papers more than 3 or 4 years old should be called to Dr. BELLINGER'S attention. New genera and higher categories are shown in CAPITALS, with types in parentheses; new species and subspecies are noted, with type localities if given in print. Larval foodplants are usually listed. Critical comments by abstractors may be made. Papers of only local interest and papers from *The Lepidopterists' News* are listed without abstract. Readers, particularly outside of North America, interested in assisting with this very large task, are invited to write Dr. BELLINGER (Osborn Zoological Lab., Yale University, New Haven 11, Conn., U. S. A.). Abstractors' initials are as follows: [P.B.] — P. F. BELLINGER; [I.C.] — I. F. B. COMMON; [W.C.] — W. C. COOK; [A.D.] — A. DIAKONOFF; [W.H.] — W. HOCKMAN; [J.M.] — J. MOUCHA; [E.M.] — E. G. MUNROE; [N.O.] — N. S. OBRAZTSOV; [C.R.] — C. L. REMINGTON; [J.T.] — J. W. TILDEN; [P.V.] — P. E. L. VIETTE.

B. SYSTEMATICS AND NOMENCLATURE

- Adamczewski, Stanislaw, "Notes on the Plume-moths III. *Capperia fusca* (Hoffman), 1898, in Poland (Lep. Alucitidæ)" [in Polish; English summary]. *Documenta Physiogr. Poloniae*, no.17: pp.1-11. 1949. New for the fauna of Poland. Author gives systematic revision and redescription of the sp., adding some ecological observations of its early stages. He knows 3 unnamed forms. [J. M.]
- Adelphé (Frère) "À la chasse aux papillons" [in French]. *Le Jeune Naturaliste* (Canada), vol.6: pp.230-234, 1 pl. May/June 1956. Includes a key to the Pieridæ of Quebec, with brief descriptions of each sp. [P. B.]
- Alberti, Burchard, "Zur Kenntnis des Genus *Illiberis* Walk. (Zygænidæ). 2. Mitteilung" [in German]. *Zeitschr. Lepid.*, vol.1: pp.131-146, 1 pl. 1 Aug. 1951. Describes as new *I. ussuriensis* (Amur), *I. yunnanensis* (Yunnan), *I. pseudopsychina* (Ussuri), *I. kardakoffi* (central Amur). Descriptive notes on 12 other spp. (2 belonging to *Inope*), with figures of ♂ genitalia. [P. B.]
- Alberti, Burchard, "Das Variationsbild der *Pyrgus alpina* Ersch.-Gruppe. (Hesperiidæ)" [in German]. *Zeitschr. Lepid.*, vol.2: pp.77-87, 2 pls., 1 fig. 1 March 1952. Describes as new *P. a. mustagatae* (Mustagata, Yarkend), *P. cashmirensis pseudoalpina* (Gilgit, 3000 m., Kashmir), *P. darwazica celsimontia* (Sebak Valley, 2800-3000 m., Badachchan) (name credited to Kauffmann). Sinks *P. a. submurina* to *P. darwazica*. Redescribes these 3 spp., figuring ♂ genitalia & some adults. [P. B.]
- Alberti, Burchard, "Eine neue Vikariante der *Pyrgus malvæ* L.-Gruppe (Lep. Hesperiidæ)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.43-46, 51 figs. 15 Feb. 1955. Describes as new *P. m. kauffmanni* ("Amur Radde"). Figures parts of ♂ genitalia of n. ssp. & near relatives. [P. B.]
- Alberti, Burchard, "Über die systematische Stellung der Gattung *Pseudopsysche* Oberthür (Zygænidæ)" [in German]. *Zeitschr. Lepid.*, vol.3: pp.163-169, 1 pl. 15 Aug. 1955. Reviews morphology & transfers genus to Cochlidiidæ. [P. B.]
- Alberti, Burchard, "Zur Kenntnis der Gattung *Carcharodus* Hbn. (Hesperiidæ) mit einer Betrachtung zum Art- und Gattungsbegriff" [in German]. *Zeitschr. Lepid.*, vol.3: pp.13-169, 1 pl. 15 Aug. 1955. Reviews morphology & transfers genus to Cochlidiidæ. [P. B.]
- Alberti, Burchard, "Zur Kenntnis der Gattung *Carcharodus* Hbn. (Hesperiidæ) mit einer Betrachtung zum Art- und Gattungsbegriff" [in German]. *Zeitschr. Lepid.*, vol.3: pp.105-142, 2 pls., 5 figs. 15 Aug. 1955. Analyzes genus; includes *Reverdinus* & *Lavatheria* in *Carcharodus*, & doubts distinctness of *Celotes* & *Gamalia*. Figures ♂ & ♀ genitalia of all spp. Devotes special attention to *flociferæ* group ("Reverdinus"), discussing rank of named forms. Presents tentative phylogenetic diagrams of genus. Discusses identity of *C. gemina* (synonym of *alceæ*). Discusses concepts of genus & species, warning against expansion of latter & contraction of former (producing situation where each species has its own generic name). [P. B.]

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- Alberti, Burchard, "Zur Frage der Bastard-Bildung zwischen *Pyrgus malva* L. und *malvoides* Elw. & Edw. (Lep. Hesperiidæ)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.41: pp.301-306, 1 pl. 15 Nov. 1956. Reports hybrids from Trieste & reviews reports of hybridization. Regards the two as distinct spp. Points out similarity in ♂ genitalia between *P. malva*, American spp. of *Pyrgus*, & *Spialia*. [P. B.]
- Alberti, Burchard, "Zur Frage der Bastardierung zwischen *Zygæna angelicæ* O. und *transalpina* Esp. (Lep. Zygænidæ)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.41: pp.231-239, 2 pls. 15 Aug. 1956. Points out that these spp. can be distinguished by genitalia in both sexes, although intermediates in external appearance can be found at contact points. Further study needed to determine whether these are separate spp. or merely races. [P. B.]
- Alberti, Burchard, "Über *Zygæna purpuralis* Brunn. und *pimpinella* Guhn bei Berlin (Lep. Zygænidæ)" [in German]. *Deutsche Ent. Zeitschr.*, N.F., vol.4: pp.1-7, 2 maps. 1 April 1957. In vicinity of Berlin these spp. are distinct; each is confined to one foodplant (*Thymus* & *Pimpinella* respectively) & the 2 differ in egg, larva, feeding & flight periods, & genitalia. [P. B.]
- Amsel, H. G., "Kleinschmetterlinge aus dem badischen Schwarzwald" [in German]. *Beitr. Naturkundl. Forsch. Südwestdeutschland*, vol.9: pp.26-28, 2 figs. 1950. Describes as new "*Gelechia nigra silvæ* sp.n." (Buchenburg, Landkreis Villingen, Black Forest, Baden). List of 39 other micros taken in vicinity. [P. B.]
- Amsel, H. G., "Neue Microlepidoptera aus Marocco, Malta und dem Libanon" [in French]. *Bull. Soc. Sci. Nat. Maroc*, vol.30: pp.175-181, 9 figs. 1951. Describes as new: *Ancylolomia griseella* (Rabat, Morocco); *Tollia (Ancylolomia) maroccana* (Rabat); *Tinea maroccanella* (Goundafa, High Atlas, 1200 m.), *T. libanotica* (Cedern, near Becharé, N. Lebanon, 1900 m.), *T. melitensis* (Malta). Descriptive notes on *T. latiusculella*, *T. gardesanella*, & *T. chrysopterebella*. Figures ♂ genitalia of all spp. [P. B.]
- Amsel, Hans Georg, "Ueber die Variabilität der männlichen Genitalarmatur bei einigen *Crambus*-Arten (Pyralidæ)" [in German]. *Zeitschr. Lepid.*, vol.1: pp.159-163, 1 pl. 1 Aug. 1951. Describes & figures remarkable variability in ♂ genitalia of *C. desertelus* & *C. geniculeus*; distinguishes from the former the relatively uniform *C. siculellus*, *C. bolivarellus*, & *C. serraticornis*. Regards *C. dalmatinellus* as a ssp. of *C. geniculeus*. Cautions against erecting new spp. on basis of slight differences in genitalia, without studying variability of latter; considers Toll's *C. klimeschi* & *C. stachiellus* as mere variants of *C. craterellus*. [P. B.]
- Amsel, H. G., "Neue marocanische Kleinschmetterlinge" [in German; French summary]. *Bull. Soc. Sci. Nat. Maroc*, vol.31: pp.65-74, 9 figs. 1952. Describes as new: *Eudoria (Scoparia) rungsi* (Rabat; larva on lichens); *Platyptilia lantanadactyla* (Rabat; larva on *Lantana camara*); *Bactra cyperana* (Rabat; on *Cyperus rotundus*); *Laspeyresia rungsi* (Meknes, etc.; no type locality); *Blastobasis maroccanella* (various localities in Morocco); *Nemapogon (Tinea) oeddarella* (Sidi Oeddar, etc.; larva on fungi). Redescribes *Apertodiscus (Stathmopoda) trigonella*. Figures ♂ genitalia of all spp. [P. B.]
- Amsel, H. G., "Die Microlepidoptera der Brandt'schen Iran-Ausbeute. 4. Teil" [in German]. *Ark. Zool.*, ser.B, vol.6: pp.255-326, 33 pls. 29 Dec. 1953. Includes study of Pyralidæ & Atychiidæ collected by Brandt & by Wiltshire, & review of Persian material determined by Osthelder & by Toll, with revised determinations. Describes as new: (Crambinae) *Surattha strobilei* (Ahwaz). (Anerastiinae) *GILIOCERA* (type *Emmalocera leucosarca*); *Ardekania sefidella* (Sine-Sefid), *A. albidiscella* (Binaloud Mts., Meched); *ARDEKANIPSIS* (monobasic), *A. griseella* (Tchouroum); *Prinanerastia gnathosella* (Giza Desert, near Cairo, Egypt), *Peoria costella* (Comé), *P. ematheidella* (Sine-Sefid); *SHIRAZIA* (monobasic), *S. monotona* (Shiraz, 6000 ft.); *NEORASTIA* (monobasic), *N. albicostella* (Bender Tchahbahar); *PRÆRINAPHE* (monobasic), *P. monotona* (Bender Tchahbahar); *ACRITONIA* (monobasic), *A. comeella* (Comé). (Phycitinae) *Megasis tolli* (Kuh-i-Mirabi, near Meched, 2000 m.); *Homæosoma costabella* (Basra, Iraq), *H. præalcella* (Iran); *NEOPEMPELLA* (type *Pempelia hieroglyphbella*); *Pempelia dilatella magna* (Elburs Mts., Sardab Valley, 1000-1400 m.), *P. ornataella elbursella* (Elburs Mts., Lar Valley, 8000 ft.); *PSOROSODES* (monobasic), *P. dalakiella* (Dalaki); *Psorosa mechedella* (Meched, Kouh-i-Binaloud), *P. tocbalella* (Elburs, Tochal, 10,000 ft.), *P. elbursella* (Elburs, Kendevan Pass, 2800-3000 m.), *P. mediterranea* (Albarracin, Spain); *Ancylois ormuzdella* (Shiraz), *A. brevisalpella* (Teheran); *Heterographis costabella* (Teheran); *EPILYDIA* (type *Lydia liturosella*); *Euzophera eburnella* (Shiraz), *E. formosella orientella* (Fort Sengan); *Ichorarchis iozona elegiella* (Mian-Kotal, Pusht-i-Bam, 4000 ft.); *PTEROTHRIXIDIA* (for *Pterothrix* Ragonot, preoccupied), *P. fordii* (Pir-i-Zan), *P. f. rava* (Sine-Sefid),

- P. osmanella* (Elburs Mts., Kuh-i-Osman, 9000 ft.), *P. ancyrensis* (Ankara, Turkey); *PIRIZANIA* (monobasic), *P. salebrosella* (Shiraz); *ARIMANIA* (type *Salebria komaroffi*); *Nephoptyx macrocirtensis* (Shiraz, 5000 ft.), *N. minimella* (Kuh-i-Taftan); *ORMUDZIA* (monobasic), *O. cameralella* (Laristan); *Oligocbroa cineracella* (Shiraz); *Phycita pirizanella* (Pir-i-Zan), *P. kurdistanella* (Kurdistan, Wan, 1800 m.), *P. teheranella* (Teheran), *P. t. shirazella* (Shiraz); *PRÆSALEBRIA* (type *Salebria noctivaga*), *P. geminella* (Tchouroum); *Eurbodope mira* (Shiraz, 6000 ft.), *E. bella* (Muk Pass, Fars, 6500 ft.), *E. flavella* (Tunis), *E. f. byrcanella* (Muk Pass); *Rhodophæa eburnella* (Sine-Safid); *Acrobasis nigribasalis* (Pusht-i-Bam, Prov. Fars, 4000 ft.), *A. nigrisquamella* (Mian-Kotal); *AMBLUNCUS* (monobasic), *A. nervosellus* (Tahte Malek); *EPISCHNOPSIS* (type *Epischnia ocolatella*), *E. nervosella binaloudella* (Binaloud Mts.); *Epischnia mongolica* (Urga, Mongolia), *E. parvella* (Ain Karem, near Jerusalem); *E. alfacarella* (Sierra de Alfacar, 1500 m., Andalusia, Spain), *E. albella* ("Georgskloster", near Jericho, Palestine); *PRÆEPISCHNIA* (type *Epischnia lydella*), *P. taftanella* (Kouh-i-Taftan), *P. iranella* (Binaloud Mts.); *EPIEPISCHNIA*, and type *E. pseudolydella* (Sine-Sefid), *E. keredjella* (Keredj.) (Scopariinæ) *Scoparia bicornutella* (Nissa). (Pyralinæ) *Hypsopygia pfeifferi* (Tchouroum); *Pyralis jüngeri* (Nurabad, Prov. Fars); (Pyraustinæ) *BOURSIANELLA* (monobasic), *B. metasialis* (Dalaki Bridge, Prov. Fars); *MUKIA* (monobasic), *M. nigroanalis* (Sine-Sefid); *Trigonuncus evergestalis* (Teheran); *Evergestis caesialis shirazalis* (Shiraz). (Atychiidæ) *Atychia formosa* (Sine-Sefid), *A. keredjella* (Keredj., 1800 m.), *A. monotona* (Sine-Sefid). Localities in Iran except as noted. Figures adults, & genitalia of known ♂♂ of n.spp.; also figures all Persian Pyralidæ & Atychiidæ described in earlier parts & in 1949 paper on Wiltshire's collections in Iraq & Iran. [P. B.]
- Amsel, H. G., "Über einen tiergeographisch interessanten Kleinschmetterling Süddeutschlands. Die unterart-Bildung bei *Pristophora florella* Mn. (Lepidoptera: Pyralidæ)" [in German]. *Beitr. Naturkundl. Forsch. Südwestdeutschland*, vol.12: pp.12-16, 1 pl., 4 figs. 1953. Proposes *PRISTOPHORODES* n.n. for *Pristophora* Ragonot, preoccupied; *ABREPHIA* n.n. for *Brephia* Heinm., preoccupied. Describes as new *P. florella syriella* Bscharré, Lebanon), *P. f. jösti* (Birkweiler, Pfalz). Reviews ssp. of *P. florella*. Figures ♂ genitalia of genotype, *P. rufifasciella*. Compares *P. florella* to *Asalebria venustella*, & mentions other similar spp.; records in literature are unreliable. [P. B.]
- Amsel, H. G., "Eine neue Pyraustine aus Nord-Venezuela (Lep. Pyralidæ)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.39: pp.191-192. 15 May 1954. Describes as new *Epicorsia avilalis* (Berg Avila, near Caracas). [P. B.]
- Amsel, H. G., "Neue oder bemerkenswerte Kleinschmetterlinge aus Österreich, Italien, Sardinien und Corsica" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.37: pp.5-17, 1 pl. 31 Jan. 1954. Describes as new: (Pyralidæ) *Ephestia liguriella* (Noli, Savona, Liguria, Italy); (Pterophoridae) *Alucita tyrrhenica* (Evisa, Corsica); (Tineidæ) *AGNATHOSIA* (monobasic), *A. austriacella* (Grubberg bei Stainz, Steiermark, Austria); *MICROTINEA* (monobasic), *M. italica* (Noli); *Meessia klimeschi* (Noli), *M. nerviella* (Nervi, near Genoa); *ATINEA* (monobasic), *A. teriolella* (Merano, S. Tirol). Descriptive notes on *Alucita actinodactyla* & the known spp. of *Meessia*. [P. B.]
- Amsel, H. G., "Zur Systematik von *Nephoptyx pseudoflorella* Schmidt 1933" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.39: pp.129-131, 1 fig. 15 March 1954. Describes as new *PRÆSALEBRIA* (type *N. pseudoflorella*). [P. B.]
- Amsel, H. G., "Berichtigung. *POSTSALEBRIA* nom. nov. für *Præsalebria* Amsel, 1954" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: p.357. 15 Dec. 1955. Name published in above paper preoccupied by *Præsalebria* Amsel, 1953 (*Ark. Zool.*, ser. 2, vol.6). [P. B.]
- Amsel, H. G., "Über mediterrane Microlepidopteren und einige transcaspische Arten" [in German]. *Bull. Inst. Roy. Sci. Nat. Belg.*, no.83: 64 pp., 6 pls. Dec. 1955. List of some spp. and descriptions of new genera and spp. of different countries of the Mediterranean area and central Europe. Describes as new: (Palestine) *Æschremon babrutalis* (Wadi en Nar, Dead Sea); *Agdistis lippensi* (Ain Etturabe, Dead Sea), *A. nigra* ("Waldheim bei Haifa"); *Coleophora ghorella* (Ain Etturabe); *Tinea punctigera palästinella* (Tabgha, Genezareth L.); *STENOVALVA*, and type *S. ghorella* (Zerqua River Colony, Jordan Valley); *Agdistis babrutia* (Kasr el Jehud, Jordan Valley); *Eochorica trougti* (Zerqua River Colony); *BATRACHEDROPSIS* (type *laderiella* Mill.). (Malta) *POSTEMMALOCERA* (type *palearcetella* Turati); *Agdistis symmetrica*; *Pteroloncha valletæ*; *Epidola melitensis*; *ANTITINEA*, and type *A. deluccæ*; *TINEODOXA* (type *tibulella* Rebel). Also *VIETTEIA* (type *terstrigella* Chrét.); *ARCHIEPHESTIA*, and type *A. murciella* (Espuna, Murcia, Spain); *PRÆTINEA* (type *liguriella* Mill.); *Nothris atlanticella* (Ain Kahla, Morocco); *Agdistis*

- tunisiella* (Djedeida, Tunisia), *A. hungarica* (Ujszasz, Hungary); *Ephestia zenggiella* (Zengg, Croatia); *Syria transcaspia* (Repetek, Transcaspia); *REPETEKIA*, and type *R. gozmanyi* (Repetek, Transcaspia); *TRANSCASPIA*, and type *T. repetekella* (Repetek); *BIGNATHOSIA* (type *adpiscinella* Chrét.); *MONOTONIA* (type *straminella* Chrét.); *SERRULACERA* (type *gregella* Eversm.); *XANTHOCERODES*, new name for *Xanthocera* Amsel (preoccupied in Diptera). [P. V.]
- Amsel, H. G., "Zur Synonymie von *Coleophora lassella* Stgr." [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: p.42. 15 Feb. 1955. Sinks *C. teidensis* to *C. lassella*. [P. B.]
- Amsel, H. G., "Kleinschmetterlinge vom Jordantal" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.276-282, 1 pl., 6 figs., 1 map. 15 Oct. 1955. Describes as new: (Ecophoridae) *PLEUROTOPSIS* (monobasic), *P. jordanella*; (Ethmiidae) *Ethmia micropunctella*; both from Zerqua River Colony, Jordan Valley. Descriptive notes on *Stangeia siceliota* & *Alucita obsoleta* (Pterophoridae), & *Leobates fagoniae* (Gelechiidae); records 13 other spp. [P. B.]
- Amsel, H. G., "Über die von Herrn Emmanuel de Bros in Spanisch-Marokko gesammelten Kleinschmetterlinge" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.41: pp.17-31, 4 pls., 2 figs. 15 Jan. 1956. Describes as new: (Pyralidae) *Mecyna lutealis maroccanensis* (Ketama, 1500 m.); (Pterophoridae) *Oxyptilus maroccanensis* (Ketama, 1400 m.); (Tortricidae) *Steganoptycha ketamana* (Ketama, 1400 m.); *Epagoge pymæana* (Buhasen, Beni Hassan, 1200 m.); (Ecophoridae) *Pleurota dissimilella* (Buhasen, 800 m.); (Tineidae) *TINEOMORPHA* (type *Tinea hirudinea*); *PRÆLONGICERA* (monobasic), *P. palæstinella* (Tabgha, Tiberias). All spp. but last from Spanish Morocco. Records 57 spp., with some systematic notes (above families, & Gelechiidae, Ethmiidae, Coleophoridae, Gracilariidae). [P. B.]
- Amsel, Hans-Georg, "Neue Microtineiden aus Portugal (Lepidoptera: Tineidae)" [in German]. *Beitr. Naturkundl. Forsch. Südwestdeutschland*, vol.16: pp.30-33, 1 pl. 1957. Describes as new *Infurcitinea monteiroi* (Avale, Singeverga), *I. diasi* (Portugal); *Meesia alberti* (Sanfius, Singeverga); *PYGMÆOTINEA* (monobasic), *P. crisostomella* (Singeverga). [P. B.]
- Aubert, Jacques-F., "Macrolépidoptères peu connus de la faune suisse. Nouvelles observations concernant *Procus versicolor* Bkh." [in French]. *Rev. franç. Lépid.*, vol.14: pp.70-76, 4 figs. "June-Oct." [30 Nov.] 1953. Distinguishes *P. versicolor*, *P. strigilis*, & *P. latruncula*, figuring genitalia. Records *Mythimna unipuncta*, new to Switzerland; gives definite Swiss records of *Anaitis efformata*, *Catascia dognini*, & some melanic "forms" of papilionids. [P. B.]
- Aubert, Jacques-F., "Erratum au travail: 'Révision des types et de la collection F. de Rougemont'" [in French]. *Rev. franç. Lépid.*, vol.14: p.194. 31 Nov. 1954.
- Aubert, J. F., "Révision de la collection K. Vorbrodt et notes diverses (trois noctuelles nouvelles pour la faune suisse)" [in French]. *Rev. franç. Lépid.*, vol.16: pp.23-31, pl.C. July 1957. Revision of the K. Vorbrodt collection of Lepidoptera from Switzerland. Indication of 3 new species of noctuids for the fauna of this land. [P. V.]
- Aubert, Jacques-F., & Rudolf Löberbauer, "Der Gruppe *Calostigia* (*Cidaria* auct.) *austriacaria* H.-S. und *C. püngeleri* Stertz. (Lep., Geom.). Vorläufiges Ergebnis einer monographischen Bearbeitung" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.297-334, 337-353, 4 pls., 118 figs., 1 map. 15 Nov., 15 Dec. 1955. Löberbauer describes as new *C. a. noricaria* (Höllengebirge—Edeltal, 1600 m., Austria), *C. p. bavariacaria* (Hochvogel, 1950 m., Allgäuer Alps, Austria), & a new collective "form"; repeats original descriptions of races of these spp., with additional notes on external characters; describes their distribution & biology (larva of *C. austriacaria* feeds on *Gallium mollugo*). Aubert describes morphological characters; these are extremely variable in some respects, though the cornuti, useful in separating most spp. of *Calostigia*, are similar in all these races. Also describes characters of ♀ genitalia & antennae of these races & *C. t. tempestaria*; presents revised arrangement of races. (Aubert's section of this paper also published in *Rev. franç. Lépid.*, vol.15: pp.107-133.) [P. B.]
- Bayerische Landesanstalt für Pflanzenbau und Pflanzenschutz, *Der Weisse Bärenspinner auf dem Wege nach Deutschland*. 4 pp., 1 pl. Munich: Obst- und Gartenbauverlag. 1956. Leaflet distributed with *Nachrichtenbl. Bayer. Ent.*, figuring in color stages of *Hyphantria cunea*, with adults of similar spp. for comparison. Notes on biology. Sp. has spread from Hungary (imported from USA) westward as far as Bavaria. [P. B.]
- Bell, Ernest L., "Descriptions of some new species of neotropical Hesperiiidae (Lepidoptera, Rhopalocera)." *Amer. Mus. Novit.*, no.1178: 13 pp., 25 figs. 18 June 1956. Describes as new *Urbanus plinius* (Santa Cruz, Bolivia), *U. proclivus* (Jalapa, Mexico); *Astrartes hercules* (Santa Cruz, Brazil); *Pythonides pescada* (Rio Pescado, Ecuador); *Potomanaxas*

- bona* (near Banos, Ecuador, 1700-1900 m.), *P. tunga* (Chinchin Grande, Tungurahua, Ecuador, 1400 m.), *P. quira* (Rio Quirata, Rio Opono region, N. of Tunja, Boyaca, Colombia, 500-700 m.); *Achlyodes munroei* (Santiago, Cuba). [P. B.]
- Benander, Per, "*Scythrhis disparella* Tngstr. und *senescens* Stt. gute Arten" [in Swedish; German summary]. *Opusc. Ent.*, vol.16: pp.191-192, 4 figs. 1951. Demonstrates genitalic differences (both sexes) between these spp. [P. B.]
- Benander, Per, "Sällsynta småfjärilar från Kullaberg (Microlep.)" [in Swedish; English summary]. *Opusc. Ent.*, vol.18: pp.31-32, 2 figs. [30Jan.] 1953. Swedish records of 6 micros; figures ♂ genitalia of *Euxanthis alternana* & *E. straminea*. [P. B.]
- Benander, Per, "*Acleris quercinana* Z. i Sverige (Lep. Tortricidæ) jämte noter om *Argyroploce* och *Phiborimæa*" [in Swedish; German summary]. *Opusc. Ent.*, vol.19: pp.100-102, 4 figs. [9 Oct.] 1954. First is new Swedish record. Figures ♂ genitalia of *A. quercinana*, *A. ferrugana*, *Argyroploce dalecarliana* & *concretana*. [P. B.]
- Benander, Per, "*Agonopteryx roseoflavella* n.sp. (Lep. Cœphoridæ)" *Opusc. Ent.*, vol.20: pp.49-53, 8 figs. [15 March] 1955. Described from Edsåsen, Jämtland, Sweden; larva on *Saussurea alpina*. [P. B.]
- Bennett, N. H., "A new species of *Abisara* from Burma (Lepidoptera, Riodinidæ)." *Entomologist*, vol.90: p.27, 1 pl. Feb. 1957. Describes as new *A. freda* (Loimwe, S. Shan States). [P. B.]
- Berger, L. A., "Contribution à l'étude de la faune entomologique du Ruanda-Urundi. Lepidoptera Rhopalocera" [in French]. *Ann. Mus. Congo Belge, Tervuren, Zool.*, vol.51: pp.427-439, 14 figs. Dec. 1956. List of a collection of Rhopalocera from Ruanda-Urundi (Belgian Congo), with description of *Colotis elgonensis basilewskyi* & *Acrea ventura basilewskyi*, two new subspecies. [P. B.]
- Bernardi, G., "Notes apropos d'un article de L. Berger '*Masculinea* [sic!] *rebeli* Hirschke bonne espèce' (Lep. Lycænidæ)" [in French; summary in Esperanto]. *Bull. Soc. Ent. Mulhouse*, 1947: pp.61-67, 1 pl., 4 figs., 1 map. July/Aug. 1947. Compares the sibling spp. *M. alcon* & *M. rebeli* & notes distribution of latter. Calls attention to the sibling spp. *M. teleius* & *M. kazamota*, in Asia. [P. B.]
- Bernardi, G., "Notes sur la *Lepidæa duponcheli* Stgr." [in French]. *Bull. Soc. Ent. Mulhouse*, 1947: pp.10-15, 1 pl. Feb. 1947. Distinguishes sp. from *L. sinapis*; describes variation (with numerous figures) & distribution. [P. B.]
- Bernardi, G., "Notes sur les *Cupido sebrus* Hübner français (Lep., Lycænidæ)" [in French]. *Bull. Soc. Ent. Mulhouse*, 1948: pp.81-86, 1 pl. 1 Dec. 1948. Distinguishes southern (typical) race & northern race (?*majuspunctata*); notes on races in other countries. Distinguishes *C. sebrus* from other local "blues". [P. B.]
- Bernardi, G., "Note sur la synonymie des *Pieris napi* L. nord-africains (Lep. Pieridæ)" [in French]. *Bull. Soc. Sci. Nat. Marco*, vol.25/27: pp.168-171. 1949. Considers that there are 2 altitudinal races each in Algeria & Morocco; lists correct names for these races and their seasonal "forms". [P. B.]
- Bernardi, G., "Les noms des Rhopalocères du *Systematisches Verzeichnis* de Denis et Schiffermüller [in French]. *Bull. Soc. Ent. Mulhouse*, 1950: pp.61-63. Sept. 1950. Notes on inadequately described spp.; proposes retention of some names & rejection of others. [P. B.]
- Bernardi, G., "Lépidoptères récoltés par A. Barbezat au cours de l'expédition lyonnaise 1951 au Garhwal IV-VIII" [in French]. *Bull. Mens. Soc. Linn. Lyon*, vol.21: pp.251-259. Dec. 1952. Annotated list of 11 Papilionidæ, 12 Pieridæ, 2 Hesperiidæ, 2 Arctiidæ, & 1 lymantriid; systematic notes on some representatives of first 2 families, especially *Parnassius* spp. [P. B.]
- Bernardi, G., "Contribution à l'étude des pseudodualspecies: une nouvelle espèce iranienne d'*Euchloë* Hb. (Lep. Pieridæ)" [in French]. *Bull. Soc. Ent. France*, vol.62: pp.38-41, 4 figs. 28 May 1957. Description of a new species of perid from Iran: *E. lessei* (Demavend Mt.), an example of pseudodualspecies. [P. V.]
- Bernardi, G., & H. de Lesse, "Les types de Nymphalidæ paléarctiques du Laboratoire d'Entomologie du Muséum National d'Histoire Naturelle de Paris" [in French]. *Bull. Soc. Ent. France*, vol.56: pp.137-143; vol.58: pp.154-160. "Nov. 1951" [22 Jan. 1952]; "Dec. 1953" [9 Jan. 1954]. Lists nymphalids described by Fruhstorfer (except Asiatic *Neptis*) & types of these spp. in Paris Museum; selects lectotypes for many of these. Records type localities from label of holotype. [P. B.]
- Beuret, Henri, "Beitrag zur Kenntnis des Formenkreises von *Maculinea alcon* Schiff. (Lep. Lycænidæ)" [in German]. *Mitt. Schweiz. Ent. Ges.*, vol.21: pp.479-480. 27 Dec. 1948. Abstract; *M. alcon* & *M. rebeli* distinct. [P. B.]
- Beuret, Henri, "Contribution à l'étude du groupe *Maculinea alcon* Schiff.—*rebeli* Hirschke (Lep. Lycænidæ)" [in French]. *Bull. Soc. Ent. Mulhouse*, 1949: pp.1-6, 9-14, 17-21,

- 25-28, 33-36, 41-44, 49-51, 6 pls. 1949. Describes as new *M. a. macroconia* (Marwies), *M. a. pseudoroboris* (Ascona, Tessin), *M. r. alpicola* (Triftschlucht, near Zermatt), *M. r. magnalpicola* (Fusio, Tessin), *M. r. cruciata* (Blauen, Jura) (all from Switzerland). Monographic study of morphology of these spp., establishing their distinctness, & of distribution & systematics of Swiss populations. [P. B.]
- Bleszyński, Stanisław, "Studies on the Crambidae (Lepidoptera). VI. Three new Palearctic species of the genus *Pediasia* Hbn." [in English; Polish & Russian summaries]. *Ann. Mus. Zool. Polonici*, vol.15: pp.101-108, 2 pls. 30 Dec. 1953. Describes as new *P. subepineura* (Ustkamenogorsk, S. Siberia), *P. ledereri* (Altai Mts.), *P. saisanella* (Saisan, S. Siberia). *Pediasia* (type *fascellinella*) used for *fascellinellus* & *contaminellus* groups of *Crambus* s.l. (14 spp.). Selects *Tinea paludella* as type of *Calamotropha*, & raises latter & *Agriphila*, subgenere of *Crambus*, to generic rank. [P. B.]
- Bleszyński, Stanisław, "Materialien zur Kenntnis der Crambidae. Teil X. Über die systematische Stellung der *Crambus delicatellus* Zell.-Gruppe" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.266-269, 3 figs. 15 Sept 1955. Describes as new *XANTHOCRAMBUS* (type not specified!); describes ♂ genitalia of the 3 spp.: *X. delicatellus*, *X. occidentellus*, & *X. saxonellus*. Sinks *Crambus amseli* to first. [P. B.]
- Bleszyński, Stanisław, "Materialien zur Kenntnis der Crambidae. Teil XI. Bemerkungen über *Agriphila dalmatinella* (Hamps.)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.293-295, 6 figs. 15 Oct. 1955. Describes as new *A. d. beieri* (Mossul); notes on *A. geniculea* & *A. tolli*. [P. B.]
- Bleszyński, Stanisław, "Materialien zur Kenntnis der Crambidae. Teil XIII. Über die Gattung *Catoptria* Hbn. und eine neue Art dieser Gattung" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.41: pp.213-218, 1 pl., 6 figs. 15 Aug. 1956. Describes as new *C. gozmányi* (Reteyzát-Massiv). Resurrects *Catoptria* (type *speculalis*); *Catoptria* Guenée preoccupied & must be replaced by *Phaneta* Stephens. Redefines *Catoptria* Hbn.; lists 52 palearctic spp. (of *Crambus* s.l.) which belong here. [P. B.]
- Bleszyński, St., "Studies on the Crambidae (Lepidoptera). Part XII. Three new palearctic species of the generic group *Crambus* Fabr." *Ann. Hist.-Nat. Mus. Nat. Hung.*, ser.2, vol.7: pp.419-421, 4 figs. 1956. Describes as new *C. magnificus* (Ta Tsien Lou); *Agriphila monica* (Lambese, Algeria); *Pediasia hispanica* (Gredos, Spain). [P. B.]
- Bleszyński, Stanisław, "Material zur Kenntnis der Crambidae (Lep. Crambidae). Teil XVII. Über die systematische Stellung einiger asiatischer Arten aus der Gattungsgruppe *Crambus* F. s.l." [in German]. *Deutsche Ent. Zeitschr.*, N.F., vol.4: pp.135-139, 8 figs. 15 July 1957. Redescribes *Catoptria mediofasciella*, *C. spodiella*, *C. porcellanella*, & *Pediasia zellerella* (all new generic assignments); describes genitalia of last 3. [P. B.]
- Bourgogne, Jean, "Remarques sur l'appareil génital femelle des Psychidae (Lépidoptères) et sur l'importance de sa structure en systématique" [in French]. *Bull. Soc. Zool. France*, vol.75: pp.104-109, 6 figs. 1950. Study of ♀ genitalia in 14 spp. shows that Psychidae are normal members of Ditrysia. [P. B.]
- Boursin, Ch., "Description d'une *Hadena* Schrk. nouvelle des Pyrénées orientales françaises" [in French; German summary]. *Mitt. Schweiz. Ent. Ges.*, vol.24: pp.401-410, 1 pl. 15 Dec. 1951. Describes as new *H. rütimayeri* (Porté, 1700 m., E. Pyrenees). Regards *Anepia* as a synonym of *Hadena* (type *cucubali*); sinks *Dianthœcia nisis* to *H. lepida capsophila*. [P. B.]
- Boursin, Charles, "Beiträge zur Kenntnis der Agrotidae-Trifinae, XLIX. Synonymie-Notizen nebst verschiedenen Bemerkungen, III" [in German]. *Zeitschr. Lepid.*, vol.2: pp.49-68. 1 March 1952. Describes as new *Ochropleura* (*Ogygia*) *orientis pseudognifera* (Saratov), *Ogygia nachadira pseudorientis* (Kayseri, Anatolia); *Cryphia savula ereptriculoides* (Sierra de Gredos, 1600 m., Castile, Spain); also several "forms". Proposes *ANARTOMIMA* (type *Polia bohemanni*) n.n. for *Pseudanarta* Kozhanchikov, nec Grote. Notes on 80 spp., mostly synonymy & generic transfers; includes disposal of 18 names proposed by Bryk in his paper on the Lepidoptera of Korea. [P. B.]
- Boursin, Ch., "Eine neue *Cryphia* Hb. (*Bryophila* auct.) aus Ost-Asien. Beiträge zur Kenntnis der Agrotidae-Trifinae LI (51)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.36: pp.155-158, 1 pl. 30 June 1952. Describes as new *C. bryophasmas* ("Sutschanski-Rodnik (Minengebiet, Primorskij Kraj)", E. Asia). [P. B.]
- Boursin, Ch., "Eine neue *Agrochola* Hb. (*Orthosia* auct.) aus Klein-Asien. (Beiträge zur Kenntnis der Agrotidae-Trifinae, LII (52))" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.36: pp.158-161, 1 pl. 30 June 1952. [Correction, vol.37: p.47]. Describes as new *A. osthelderi* (Marasch, Taurus, Asia Minor). [P. B.]
- Boursin, Charles, "Trois 'Trifinae' nouvelles pour la faune française avec description de deux races nouvelles (Contribution à l'étude des 'Agrotidae-Trifinae', LIV)" [in French].

- Bull. Mens. Soc. Linn. Lyon*, vol.21: pp.160-164. Sept. 1952. Describes as new *Cryphia rectilinea auberti* (Menton); *Caradrina juscorinis continentalis* (Leucate, Aude). Records *Tatborhynchus exsiccata*, new to France. [P. B.]
- Boursin, Charles, "Ueber die systematische Stellung von '*Crymodes dumetorum* Hb.-Geyer nebst Beschreibung einer neuen Gattung. Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ, LVIII'" [in German]. *Zeitschr. Lepid.*, vol.3: pp.47-49, 1 pl. 15 Sept. 1953. Describes as new *HETEROPHYSA*, for *dumetorum*. Notes on relationships; sinks *Sciophila* to *Antracia*. [P. B.]
- Boursin, Charles, "Eine neue paläarktische (und europäische) *Cryphia* Hb. (*Bryophila*)-Art. (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXV (65))" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.39: pp.78-85, 2 pls. 20 Feb. 1954. Describes as new *C. orthogramma* (Irkutsk, Siberia), *C. o. aksuensis* (Aksu, Chinese Turkestan), *C. o. ammochroa* (Aksu Utsch-Kansanak, Chinese Turkestan), *C. o. taishanensis* (Tai-shan, Shantung, 1550 m.), and a "form" of the last; the first 2 ssp. may also be "forms". Notes on some related spp. *C. orthogramma* previously confused with *C. raptricula*. [P. B.]
- Boursin, Charles, "Zwei neue *Cryphia* Hb. (*Bryophila*)-Arten aus dem vorderasiatisch-mediterranen Faunenkreis. (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXVI (66))" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.39: pp.85-89, 2 pls. 20 Feb. 1954. Describes as new *C. tephrocharis* (Malatya-Tecde, Asia Minor); *C. salomonis* (Elburz region, Tacht i Suleiman, Sârdab-Tal (Vandarban), Iran, 2500-2700 m.). Figures holotypes of some spp. related to latter. [P. B.]
- Boursin, Charles, "Zwei neue *Cryphia* Hb. (*Bryophila*)-Arten aus Französisch-Nordafrika. (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXVII (67))" [in German; French summary]. *Zeitschr. Wiener Ent. Ges.*, vol.39: pp.122-126, 1 pl. 15 March 1954. Describes as new *C. schwingenschussi* (Bône, Algeria); *C. blepharista* (Taanzout, Middle Atlas, Fr. Morocco). [P. B.]
- Boursin, Charles, "Eine neue *Pseudopseustis* Hmps. aus Nordost-Kaspien. (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXVIII (68))" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.39: pp.185-187, 1 pl. 15 May 1954. Describes as new *P. cymatodes* (Emba R., NE Caspia). [P. B.]
- Boursin, Charles, "Die 'Agrotis'-Arten aus Dr. h. c. H. Höne's China-Ausbeuten (Beitrag zur Fauna Sinica). I. Die Gattung *Diarsia* Hb. (= *Oxira* Wlk.). II. Die Gattungen: *Hemiexarnis* Brsn., *Eugnorisma* Brsn., *HÖNEIDIA* n. gen., *Rbyacia* Hb., *Chersotis* B., *Eugraphe* Hb., *SINEUGRAPHE* n. gen., *PALÆAMATHES* n. gen., *PARAMATHES* n. gen., *Paraxestia* Hps. (Beiträge zur Kenntnis der Agrotidæ-Trifinæ, LXIX (69))" [in German]. *Bonner Zool. Beitr.*, vol.5: pp.213-309, 14 pls. 31 Dec. 1954. First 2 parts of a study of the Agrotinæ of this enormous collection; the work will conclude with a classification of the subfamily. Describes as new: *Diarsia caradjai* (Mien-Shan, 2000 m., Shansi), *D. dablui tibetica* (Batang, 3800 m., Si-kiang), *D. hypographa* (Li-kiang, 4000 m., N. Yunnan), *D. acutipennis* (Tapaishan in Tsinling, 1700 m., S. Shensi), *D. hōnei*, (Li-kiang, 3000 m., N. Yunnan), *D. odontophora* (Mien-Shan, 2000 m., Shansi); *D. orophila* (A-tun-tse, 4500 m., N. Yunnan), *D. robusta* (Li-kiang, 2000 m., N. Yunnan), *D. erythropis* (Li-kiang, 4000 m.); *D. acharista* (A-tun-tse, 4500 m., N. Yunnan), *D. pseudacharista* (Li-kiang, 4000 m., N. Yunnan), *D. cœnostola* (Tapaishan in Tsinling, 3000 m., S. Shensi), *D. eleuthera* (Tapaishan, 1700 m.), *D. poliophæa* (Tapaishan, 3000 m.), *D. polytænia* ("Berg Ost-Tien-mu-Shan", 1500 m., near Ligan, Chekiang), *D. axiologa* (Tapaishan in Tsinling, 1700 m., S. Shensi), *D. chalcona* (Li-kiang, 4000 m., N. Yunnan), *D. dichroa* (Li-kiang, 2000 m.), *D. macrodactyla* (Liping, 500-600 m., Kuangtung); *Eugnorisma gothica* (Li-kiang, 3000 m., N. Yunnan); *HÖNEIDIA* (monobasic), *H. cidarioides* (A-tun-tse, 4500 m., N. Yunnan); *Rbyacia mirabilis* (Batang, 5000 m., Si-kiang), *R. homichlodes* (A-tun-tse, 4500 m., N. Yunnan); *Eugraphe signa antracina* (Mien-Shan, 2000 m., Shansi); *SINEUGRAPHE* (type *dysgnosta* Boursin), *S. longipennis sinensis* ("Berg Ost-Tien-mu-Shan", Chekiang), *S. rhytidoprocta* ("Berg Ost-Tien-mu-Shan", 1500 m.), *S. r. yunnanensis* (Li-kiang, 2000 m., N. Yunnan), *S. stolidoprocta* (Tapaishan in Tsinling, 3000 m., S. Shensi), *S. s. mienshanensis* (Mien-Shan, 2000 m., Shansi); *PALÆAMATHES* (type *hōnei*), *P. erythrostroma* (A-tun-tse, 4500 m., N. Yunnan), *P. hōnei* (Li-kiang, 4000 m., N. Yunnan), *P. polychroma* (A-tun-tse, 4500 m., N. Yunnan), *P. mesosia* (Li-kiang, 3000 m., N. Yunnan); *PARAMATHES* (type *perigrapha* Pungeler), *P. amphigrapha* (Batang, 5000 m., Sikiang), *P. pulchrisigna* (Batang, 5000 m.); *Paraxestia ochrothrix* (A-tun-tse, 4000 m., N. Yunnan). Also names 6 "forms" (in *Diarsia*, *Sineugraphe*, *Palæamathes*). Proposes *Paramathes tibetica* n.n. for "*Agrotis*" *tibetana* Stgr. nec Moore. Species not occurring in China are not

- redescribed, but in other respects the paper amounts to a fundamental revision of the above genera. It is pointed out that a division of the Agrotinæ into 2 groups, depending on presence or absence of frontal process, corresponds to arrangement of genera based on ♂ genitalia. [P. B.]
- Boursin, Charles, "Eine neue südchinesische *Synvaleria* Btl. (*Valeria* Steph.) aus Dr. H. Höne's China-Ausbeuten. Beiträge zur Kenntnis der Agrotidæ-Trifinæ, LXX (70)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.47-48, 1 fig. 15 Feb. 1955. Describes as new *S. exanthema* (Liping, Kuangtung). [P. B.]
- Boursin, Charles, "Die *Apopeses* Hb.- und *Autophila* Hb.-Arten aus Dr. h. c. Hönes China-Ausbeuten. (Beitrag zur Fauna Sinica). Beiträge zur Kenntnis der Agrotidæ-Trifinæ, LXXI (71)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.164-171, 3 pls. 15 May 1955. Describes as new *Autophila borrida* (Batang, Sikiang, Yangtse R. valley, 2800 m.); *CHEIROPHANES* (subgenus of *Autophila*; type *A. ligaminosa*), *A. (C.) inconspicua cataphanoides* (Chengchow, Honan). Describes ♂ genitalia of *Apopeses* (in general), *A. koreana*, *Autophila* (in general), & *A. asiatica*. Objects to Diakonoff's proposals for revising terminology of ♂ genitalia. [P. B.]
- Boursin, Charles, "Die 'Agrotis'-Arten aus Dr. h. c. Höne's China-Ausbeuten. (Beitrag zur Fauna Sinica). III. Die Gattungen *Phalæna* L. (*Nænia* Steph.), *Eurois* Hb., *Anaplectoides* McDunn. und *Cerastis* O. (Beiträge zur Kenntnis der Agrotidæ-Trifinæ, LXXII (72))" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.216-224, 4 pls. 15 July 1955. Describes as new *A. phæolænia* (Tapaishan in Tsinling, S. Shensi), *A. tamsi* (Likiang, N. Yunnan); *C. violetta* (Hoeng-shan, Hunan). Describes ♂ genitalia of *P. (N.) contaminata* & *A. colorata*; records *E. occulta*. [P. B.]
- Boursin, Charles, "Die 'Agrotis'-Arten aus D. h. c. H. Höne's China-Ausbeuten. (Beitrag zur Fauna Sinica). IV. Die Gattungen *Protexarnis* McDunn. und *Spaelotis* B. (Beiträge zur Kenntnis der Agrotidæ-Trifinæ, LXXIII (73))" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.231-238, 3 pls. 15 Aug. 1955. Describes as new *P. confinis terracotta* (Li-tiang, 2000 m., N. Yunnan); *S. sinophysa* (Tapaishan in Tsinling, 1700 m., S. Shensi). Redescribes genera; describes ♂ genitalia of *S. valida* & *S. semina*; records other ssp. of *P. confinis*. [P. B.]
- Boursin, Charles, "Eine neue *Hadena* Schrk. (*Dianthæcia* B.) aus Russisch-Turkestan. (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXXIV (74))" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.238-240. 15 Aug. 1955. Describes as new *H. stroubali* (Fort-Naryn, Semiretschje, Russian Turkestan) [P. B.]
- Boursin, Charles, "Eine neue *Agrochola* Hb. aus Algerien. (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXXV (75))" [in German; French summary]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.246-248, 1 pl. 15 Sept. 1955. Describes as new *A. agnorista* (Lambèse, Algeria). [P. B.]
- Boursin, Charles, "Eine neue *Autophila* Hb. aus Nord-Persien nebst Beschreibung einer neuen ssp. von *Autophila chamæphanes* Brsn. aus Zentral-Asien. (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXXVI (76))" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.355-357, 1 pl. 15 Dec. 1955. Describes as new *A. (Cheirophanes) plattneri* (near Tabris, Persia), & *A. c. macrophanes* (near Dscharkent, Ili region). [P. B.]
- Boursin, Charles, "Zum Aufsatz: 'Nachträge und Berichtigungen zu den Lepidopterenfaunen des Libanon, Grossen Atlas, Irans und Neubeschreibungen' von Leo Schwingenschuss, in dieser Zeitschrift, 1955, Nr.8, p.225 ff. (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXXX (80))" [In German]. *Zeitschr. Wiener Ent. Ges.*, vol.41: pp.16-17. 15 Jan. 1956. Corrects errors in paper referred to, & gives references, omitted there, to previously published synonymy etc. [P. B.]
- Boursin, Charles, "Eine neue südchinesische *Agrochola* Hb. (*Orthosia* auct.) aus Dr. H. Höne's China-Ausbeuten. (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXXXI (81))" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.41: pp.35-37, 1 pl. 15 Feb. 1956. Describes as new *A. albirena* (Canton). Lists palearctic spp. of *Agrochola*; transfers *vulpecula* from *Cosmia*, *trapezoides* from *Enargia*, *evelina* from *Conistra*. [P. B.]
- Boursin, Charles, "Über die Gattung *Eupsilia* Hb. nebst Beschreibung einer neuen südchinesischen Art aus Dr. H. Hönes China-Ausbeuten. (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXXXII (82))" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.41: pp.38-41, 2 pls. 15 Feb. 1956. Describes as new *E. quinquelinea* (Canton). Describes & figures genitalia of the 7 palearctic spp. Sinks *sodalis* to *unipuncta*; transfers *contracta* from *Epiglaea*. [P. B.]
- Boursin, Charles, "Über 'Agrotis' *nictymera* Boisduval nebst Angaben über die Gattung *Standfussiana* Brsn. (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXXXIII (83))" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.41: pp.105-115, 3 pls. 15 April 1956.

- Boisduval's *nictymera* is the correct name for *Standufussiana osmana carrièi*; *nictymera* auctt. is correctly known as *S. dalmata*; western race of latter is here described as new as *S. d. occidentalis* (Col de Vars, 2000 m., French High Alps); *simulatrix* Hbn., usually treated as a synonym of *nictymera*, is a junior synonym of *Euxoa decora*. Repeats old description of early stages of '*A. nictymera*'; uncertain to what sp. this description applies. Repeats original description of *Standufussiana*; lists spp. & their synonymy & distribution. Reduces *Hadena asiatica* & *H. reisseri* to spp. of *H. tepbro-leuca*. [P. B.]
- Boursin, Charles, "Eine neue *Diarsia* Hb. aus Java. (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXXV (85))" [in German]. *Mitt. Münchner Ent. Ges.*, vol.46: pp.304-305, 1 pl. 1 Dec. 1956. Describes as new *D. pygmæa* (Mt. Gede, 2438 m.). [P. B.]
- Boursin, Charles, "Eine neue *Arenostola* Hb. aus Zentral-Asien (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXXXVI (86))" [in German]. *Mitt. Münchner Ent. Ges.*, vol.46: pp.306-307, 1 pl. 1 Dec. 1956. Describes as new *A. urbanni* (Issyk-kul, Russian Turkestan). [P. B.]
- Boursin, Charles, "Über die Gattung *Lophotyna* Hps. (Lep. Phal. Zenobiinæ) nebst Beschreibung einer neuen Art aus Dr. H. Höne's China-Ausbeuten und Angaben über *Hydracia osseola* Stgr. (= *bucherardi* Mabille). (Beiträge zur Kenntnis der 'Agrotidæ-Trifinæ', LXXXVIII (87))" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.41: pp.298-301, 3 pls. 15 Nov. 1956. Describes as new *L. hönei* (Likiang, N. Yunnan, 3000 m.). Transfers *L. argillacea* to *Atrachea*; *Cosmia albosignata* & *Antitype crinomima* to *Lophotyna*. Also figures genitalia of *H. osseol* & confirms synonymy. [P. B.]
- Boursin, Ch., "*Lithophane lapidea* Hb. et *Lithophane leautieri* Boisd. sont deux espèces distinctes (Lep. Phal. Cucullinæ) (note préliminaire)" [in French]. *Bull. Mens. Soc. Linn. Lyon*, vol.26: pp.19-23. Feb. 1957. *L. lapidea* & *L. leautieri* are distinct spp.; notes on larvæ, subspecies, & geographical distribution. [P. V.]
- Boursin, Ch., "Description d'une *Lithophane* nouvelle de l'Alaï et de nouvelles races de *Lithophane lapidea* Hb. et *leautieri* Boised. (Lep. Phal. Cucullinæ) (note préliminaire)" [in French]. *Bull. Mens. Soc. Linn. Lyon*, vol.26: pp.60-65. March 1957. Describes as new *L. alaina* (Alaï, Turkestan), *L. lapidea cyprica* (Cyprus), *L. leautieri nicæensis* (S. E. France), *L. l. hesperica* (S. W. France), *L. l. cyrnos* (Corsica). Note about *L. leautieri* in England & *L. lapidea* in Italy. [P. V.]
- Boursin, Ch., "Notes diverses synonymiques et critiques, VI (Lep. Phal.)" [in French]. *Bull. Mens. Soc. Linn. Lyon*, vol.26: pp.208-212. Oct. 1957. Different synonymic & critical notes on the trifid noctuids. *Chersotis rectangula* Schiff., a new addition to the French fauna; and notes on recent papers published by Berio. [P. V.]
- Boursin, Ch., "Nouvelles 'Trifinæ' d'Afghanistan de l'expédition Klapperich (Lep. Noct.) (Diagnoses préliminaires)" [in French]. *Bull. Mens. Soc. Linn. Lyon*, vol. 26: pp.242-250. Nov. 1957. Preliminary diagnoses of new trifid noctuids collected by J. Klapperich in Afghanistan, with a list of collecting localities. Describes as new *Ocbropleura (Ogygia) acutijuxta* (Sarekanda); *Rhyacia oxytheca* (Sarekanda), *R. subdecora xanthopasta* (Sarekanda); *Eugraphe eucratides* (Ejan); *Oncocnemis asema* (Ferusch Tagan); *Hypsophila klapperichi* (Anjuman Pass); *Metopodicha longicornis* (Ferusch Tagan); *Evisa wiltsbirei* (Djebel Seratsch); *Agrochola nigriclava* (Ejan); *Calamia deliciosa* (Sarekanda); *Cosmia angulifera* (Paghman Geb.); *Sesamia rungsi* (Asmar). [P. V.]
- Bradley, J. D., "New Microlepidoptera from Fiji." *Proc. Hawaiian Ent. Soc.*, vol.15: pp.109-114, 9 figs. [27] March 1953. Describes as new: (Olethreutidæ) *Argyroploce anaprobola*; (Gelechiidæ) *Myconita lipara*; (Cosmopterygidæ) *Pyroderces similis*; *Stagmatophora cyma*; (Lyonetiidæ) *Bedellia ipomœæ*. [P. B.]
- Bradley, J. D., "The result of a re-examination of the type material of *Coleophora cæspitiella* Zeller 1839, *C. alticolella* Zeller, 1849 and *C. agrammella* Wood, 1892. (Lep.: Coleophoridae)." *Entomologist*, vol.88: pp.273-277, 4 figs. [29] Dec. 1955. Redescribes *C. cæspitiella* (= *agrammella*) & *C. alticolella* (= *cæspitiella* auctt.), figuring genitalia. Selects lectotypes. [P. B.]
- Bradley, J. D., "*Coleophora paripenella* Zeller, 1839, and a description of a new species previously misidentified (Lep.: Coleophoridae)." *Ent. Gazette*, vol.7: pp.145-149, 4 figs. 12 July 1956. Redescribes *C. paripenella*, from syntype; describes as new *C. albicornuella* (= *paripenella* auctt.) (Lee, England). [P. B.]
- Bradley, J. D., "A new species of *Conopia* from Malaya (Lep.: Aegeriidæ)." *Entomologist*, vol.90: pp.67-69, 3 figs. March 1957. Describes as new *C. theobroma* (Selangor; foodplant cocoa). Sinks *C. panyasis* to *C. chrysophanes*. [P. B.]
- Bradley, J. D., & H. E. Hinton, "A new genus of Tineinæ (Lep., Tineidæ) from North America." *Ent. Mo. Mag.*, vol.91: pp.307-308, 2 figs. "Dec. 1955" [3 Jan. 1956].

- Describes as new *ECCRITOTHRIX* (type *Tinea trimaculella*); describes adult & larva (found in ant nests). [P. B.]
- Bradley, J. D., & E. L. Martin, "An illustrated list of the British Tortricidae. Part. I: Tortricinae and Sparganothinae." *Ent. Gazette*, vol.7: pp.151-156, 10 pls. 12 July 1956. Figures wings of the 88 British spp. Lists spp. & gives notes on 4 recorded since Meyrick's *Handbook* & on *Paramesia gnomana* (British records dubious). Sinks *Exapatte duratella* to *E. congelatella*. [P. B.]
- de Bros, E., "*Caradrina wullschlegeli* Pglr. in der Schweiz. Ein neuer Fundort bei Montana" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.35: pp.106-109, 1 pl. 15 Oct. 1950. Second locality for alpine sp. described from Zermatt. Figures ♂ genitalia of this sp. and *C. selini*. [P. B.]
- Brown, S. C. S., "The British Lyonetiidae. Part I." *Proc. Trans. S. London Ent. Nat. Hist. Soc.*, 1952-53: pp.110-116, 1 pl. March 1954. Key to genera; brief diagnoses, keys to spp., and color figures of spp. of *Opostega*, *Leucoptera*, *Lyonetia*, *Bedellia*, and *Tischeria*. [P. B.]
- Bryk, Felix, "Lepidoptera aus dem Amazonasgebiete und Peru gesammelt von Dr. Douglas Melin und Dr. Abraham Roman" [in German]. *Ark. Zool.*, ser.2, vol.5: pp.1-268, 9 figs. 11 May 1953. Gives notes on collections and details of localities (in Peru: Roque, La Campana; in Brazil: Iquitos, São Gabriel, Manáos, Taracua; in Colombia: São Bernardo). Describes as new: (Papilionidae) *Papilio aeneas gabrieliensis* (S. Gabriel), *P. erlaces douglasi* (Roque), *P. vertumnus vertumnalis* (S. Gabriel), *P. peon perugino* (Roque), *P. aristeus melini* (Roque), *P. ariarathes muscae* (Roque). (Pierididae): *Charonia eurytele peruvionias* (Roque); *Terias Eurema* (sic!) *salome saba* (Roque); *Dismorphia ithomia douglasina* (Roque). (Danaidae) *Lycorea cleobaea roqueana* (Roque), *L. halia minuscula* (Bahia, Iguassú); *Ituna lamirus phenaretidia* (Roque), *I. phenarete lamiridia* (Roque); *Tbyridia themisto felderorum* (Bahia); *Tithorea pinthias melini* (Roque); *Mechanitis polymnia sancti-gabrielis* (S. Gabriel), *M. mazaues simplex* (Roque), *M. m. holmgreni* (Chaquimayo, Peru), *M. elissa roqueensis* (Roque), *M. doryssus proceriformis* (Roque; larva on *Solanum*); *Callithomia phagesia phagesina* (Roque); *Hypobhyris ninonia luxuriosa* (S. Gabriel); *Napeogenes xanthostola heterogyna* (Manáos), *N. duessa incas* (Roque); *Sais rosalia sancti-bernardi* (S. Bernardo); *Scada zibia nigrocollaris* (Iquitos), *S. ethica lamidia* (Roque), *S. theaphia dubia* (Roque), *S. t. junina* (Junin, Peru); *Dircenna jemima differenciata* (Roque), *D. xanthophane melini* (Roque); *Ceratinia nise gabrielis* (S. Gabriel); *Hyposcada anchiuala ecuadorina* (Ecuador); *Oleria onega liisa* (Iquitos), *O. tapio* (Roque); *Episcada sexpunctata* (Roque); *Hypoleria cidonia sanbernardi* (S. Bernardo), *H. c. iquitina* (Iquitos), *H. garleppi romani* (S. Gabriel); *Pseudoscada charlotta* (Roque); *Hypoleria oriana orianula* (Roque); *Greta dercetis incas* (Roque), *G. polissena brevia* (Bahia, Iguassú). (Satyridae) *Callitæra pireta amaryllis* (S. Gabriel), *C. pyropina roqueensis* (Roque); *Hætera piera lesbia* (Taracua); *Pterella astyoche bernardina* (S. Bernardo); *Euptychia metaluca distinguenda* (Manaos), *E. phares romanina* (Bahia, Iguassú); *E. pharnabazos* (Bahia, Iguassú), *E. poltys babiana* (Bahia, Iguassú), *E. nortia abrahamsi* (Bahia), *E. argyropsacas* (Taracua) (new here?); *Oxoeschistus pronax decempunctatus* (Roque); *Bia actorion rebeli* (Roque). (Brassolidae) *Brassolis sophorae romani* (Bahia, Iguassú); *Opsiphanes tamarindi douglasi* (Roque). (Morphidae) *Morpho achilles roqueensis* (Roque), *M. amathonte subtusfemina* (Roque), *M. menelaus offenbachi* (Taracua). (Nymphalidae, Acraeinae) *Actinote melini* (Roque), *A. terpsinoë roqueensis* (Roque). (Heliconiinae) *Heliconius melpomene taracuanus* (Taracua), *H. egeria homogena* (Taracua), *H. erato reductimacula* (Taracua); *Eueides lampeto romani* (Manáos). (Nymphalidae) *Phyciodes teletusa douglasi* (Roque), *P. melini* (Roque), *P. eunice homogena* (Taracua), *P. erebia mima* (Roque), *P. corybassa mimicry* (sic!) (Roque), *P. pellenae crucifera* (Roque), *P. fenestrata derivata* (Roque); *Precis lavinia funebris* (Roque); *Victorina stelenes vilarsi* (Taracua); *Megalura hermione peruura* (Roque), *M. mercella hewitsoni* (Roque); *Callizona aesta ochracea* (Roque); *Pseudonica flavilla roqueensis* (Roque); *Nesæa obrinus romani* (S. Gabriel); *Enica amycla violascens* (Taracua); *Catagramma tolima peruvicola* (Roque); *Perisama vaninka melini* (Roque), *P. euryclea hewitsoni* (Roque); *Ectima liria peruviana* (Roque); *Peridromia feronia peruviana* (Roque), *P. epinome lindmani* (Matto Grosso), *P. e. argentina* (Posados); *Doxocopa cyane mexicana* (Mexico); *Anæa nessus douglasi* (Roque); *Anæa grandis tuoma* (Roque), *A. magdalena elzunia* (Roque). (Riodinidae) *Helicopsis cupido manaos* (Manáos); *Themone pais bambino* (Manáos); *Lyoproteryx apollonia musageta* (Roque); *Amarynthis meneria peruana* (Roque); *Nymphidium caricæ undulata* (R. Papury); *Orimba staudingeri enigma* (S. Gabriel). (Hesperiidae) *Hyalothyris leucomelas mucida* (Manáos); *Dalla gelus fraterculus* (Roque); *Cyclo-*

glypha lepidozonos (Roque); *Mionectes infernalis taracua* (Taracua); *DICROSEMA* (monobasic), *D. quadrifrenstrata* (Bahia, Iguassu); *Heliopetes alana romaniana* (Bahia, Iguassu); *Padraona romani* (Bahia, Iguassu); *Vinius arginote bylephila* (Manaos). (Sphingidae) *Protoparce sexta peruviana* (Roque). (Saturniidae) *Rothschildia betis melini* (R. Javary, near Tabatinga, Brazil); *Phricodia amalia romani* (Rio Banco). (Syssphingidae) *Syssphinx lasiocampa* (Solimoes, Tamantins, N. Brazil). (Oxytenidae) *Asthenidia amphira melini* (Roque). (Notodontidae) *Harpigia obliqua autumnifolia* (Solimoes, Tonantins, Brazil); *Hemiceras romani* (Rio Purus); *Dylomia caesia melini* (Marañon, Peru), *D. bipunctata* (Solimoes, near Teffe, Brazil); *PONTALAMIA* (monobasic), *P. grotesca* (Solimoes, E. of Tabatinga, Brazil); *Rosema melini* (Roque), *R. zelica draudtii* (Solimoes, W. of Teffe, Brazil); *Disphragis daona draudtiana* (Rio Purus), *D. biundulata* (Manaos); *Meragisa arida romani* (Manaos); *Maschane cicadina* (Rio Purus); *Hapigia raatzi dentata* (Rio Purus), *H. r. cinnamomea* (Manaos); *Hemiceras lissa anemicus* (no locality), *H. albisignata* (Solimoes, W. of Fonte Boa, Brazil), *H. stigmata* (Rio Purus); *Antea juturna striatipalpis* (Rio Javary, near Tabatinga, Brazil); *Schizura romani* (Bahia, Iguassu); *Lobezia liparis* (Manaos); *Tachuda pavian* (Rio Purus); *Drugera viridicauda* (Rio Purus); *Elymiotis purpurascens melini* (Marañon, Pebas, Peru); *Chadisa elegantissima* (Rio Autaz, Cururu, Amazonas); *Fargia basiviridis doghini* (Solimoes, E. of Tabatinga, Brazil); *Dicentria schizurina* (N. Brazil); *Cerura varata optima* (Marañon, E. Peru). (Bombycidae) *Quentalia livida romani* (Rio Purus), *Q. postarcuata* (Roque), *Q. lapanula* (Rio Purus), *Q. postarcuata* (Roque), *Q. lapanula* (Rio Javary, near Tabatinga, Brazil); *Apelodes pandara romani* (Rio Purus); *Epia casnonia romaniepia* (Rio Purus); *Colla amœna autaziana* (Rio Autaz, Amazonas), *C. melini* (Marañon, W. of Tabatinga, Peru), *C. rhodope transparens* (Solimoes, Tonantins, Brazil). (Mimallonidae) *Cicinnus joanna melini* (Marañon, E. of Iquitos, Peru), *C. putidula differentia* (Roque); *Euphaneta divisa romani* (Rio Purus). (Lasiocampidae) *Euglyphis intermedia* (Rio Purus), *E. lacinia angustitœniata* (Rio Purus), *E. intuta differens* (Javary, near Tabatinga, Brazil), *E. deusta romanina* (Rio Purus), *E. adustata* (Solimoes, W. of Tonantins, Brazil), *E. amisena divergens* (Rio Autaz, Cururu), *E. maculella* (Rio Purus), *E. guttularis guttularina* (Rio Purus), *E. lanceolata* (Amazonas), *E. umbrona* (Solimoes, S. Pablo, Brazil), *E. rubresca* (Roque), *E. egra calida* (Solimoes, E. of Tabatinga, Brazil); *Titya melini* (Roque), *T. synœcura romani* (Rio Purus), *T. cajetana* (Iquitos); *Tolyte biapicata distinguenda* (Roque); *Artace cinerosipalpis* (Amar-Paranhão, Amazonas). (Cochliidiidae) *Sibine auromaculata minuscula* (Roque), *S. joyceans differentiata* (Rio Purus); *Perola propepunctata* (S. Gabriel); *Phobetron hipparchia melini* (Tabatinga, Brazil). (Arctiidae) *Amaxia chaon verdatra* (E. Peru); *DISCONEURA* (monobasic), *D. tristriata* (Roque); *Antarctia sericea romani* (Parintins, Amazonas); *Zatrephes magnifenestra* (Rio Purus); *Premolis flavithorax gabrieli* (S. Gabriel); *Agorœa nigrotuberculata* (Rio Purus); *Neritos sorex citrinos* (Rio Autaz); *Automolis subtussignata* (Rio Purus); *Thalesa citriula* (Marañon, W. of Tabatinga, Peru); *Sychesia melini* (Tabatinga); *GYLLA* (monobasic), *G. crotalistria* (Rio Autaz); *Dipœne romani* (S. Gabriel); *Josiodes pseudocelana* (Roque), *J. batesi abdominalis* (Manas); *Eudesmia triplaga angustistriga* (Bahia, Iguassu). (Pericopinae) *Pericopis Thebrone* (sic!) *tricolora romani* (Bahia), *P. T. hypoxantha melini* (Marañon, Pebas, Peru); *Phalœ cruenta romani* (Bahia, Iguassu); *Hyalurga leucophœa gabrielis* (San Gabriel); *Crocomela colorata splendida* (Roque). (Dioptidae) *Oricia prolifera grandis* (Solimoes, near Teffe); *Josia bryce subdraconis* (S. Gabriel). (Syntomidae) *Histiœa amazonica exentrica* (Solimoes, S. Paolo, Brazil); *Ctenucha rubrovenata ochreovenata* (Roque); *Napata terminalis romani* (Manaos); *Dycladia correbioides felderorum* (Rio Banco); *Macrocneme lades chionopus* (Roque); *Poliopastea cœlebs* (Amazonas), *P. vidua* (Rio Banco, Amazonas); *Delphyre fenestrata* (Taracua); *PROSOPIDIA* (type *Hyaleucerea morosa* "fa. atypica m. ♀"); *Leucotmemis melini* (Roque); *Pseudomya romani* (Manaos); *Psoloptera leucotmemica* (Rio Autaz, Cururu), *P. l. melini* (Manaos); *Syntrichura sphecomorpha* (Taracua); *SPHECOMIMAX* (type *Pseudosphex aurifera*); *Phœia admirabilis* (Taracua, Amazonas); *Rhynchopyga pimpinella* (Manaos); *Saurita concisina* (Rio Purus, Amazonas). (Ægeriidae) *Synantbedon guatemalena melini* (Roque), *S. romani* (S. Gabriel), *S. nannion* (Taracua, Amazonas); *Alcatboe leucopyga* (S. Gabriel), *A. melini* (Taracua, Amazonas). (Cossidae) *Xyleutes cognata distincta* (Solimoes, W. of S. Paulo, Brazil); *Cossula alboperlata* (Rio Purus, Amazonas). Names some 40 "forms". *De mortuis*—[P.B.]

Buchholz, Otto, "A new species of *Papaipema* (Noctuidæ) from New Jersey." *Lepid. News*, vol.10: pp.139-140. 8 May 1957. Describes as new *P. mulleri* (near Stanhope, Sussex Co.).

- Burgermeister, Franz, "Zur Unterscheidung von *Brephos parthenias* L. und *nothum* Hb." [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.150-151. 15 May 1955. Distinguishing characters of adults. [P.B.]
- Burmman, Karl, "*Gelechia dzieduszyckii* Now. nov. subspec. *fusca* (Lepidoptera, Gelechiidae)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.39: pp.345-352, 1 pl., 1 fig. 15 Oct. 1954. New ssp. described from "Lechtaler Alpen, Nordtirol, Muttekopfgebiet (2700 m.)". Describes larva, pupa, & biology. Larva on *Saxifraga macropetala*. [P.B.]
- Burmman, Karl, "*Stenoptilia pelidnodactyla* Stein. nov. subspec. *alpinalis* (Lepidoptera, Pterophoridae)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.39: pp. 187-191, 1 pl., 2 figs. 15 May 1954. Described from "Sommerwandmoräne", Stubai Alps, 2700 m. Briefly describes larva (on *Saxifraga* spp.) & pupa. [P.B.]
- Burmman, Karl, "*Endrosa teriolenis* nov. spec. Eine neue Lithosiinae aus Nordtirol (Lepidoptera, Arctiidae)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.33-41, 2 pls. 15 Feb. 1955. Described from Vennatal, Zillertaler Alps, 1600 m. Larva on lichens. Figures series of adults, with *E. alpestris* & *E. aurita modesta* for comparison. [P.B.]
- Burmman, Karl, "*Laspeyresia interruptana* H. S. in Nordtirol (Lepidoptera, Tortricidae)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.41: pp.272-276, 1 pl., 1 fig. 15 Oct. 1956. Comparison of *L. interruptana* & *L. duplicana*. [P.B.]
- Burmman, Karl, "*Cidaria frustata* Tr. Einige Beobachtungen aus Nordtirol (Lepidoptera, Geometridae)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.42: pp.27-31. 15 Feb. 1957. Describes as new *C. f. intermedia* (N. Tyrol, no exact locality). Notes on distribution & biology of sp.; larval foodplant *Cerastium*. [P.B.]
- Burrau, Nils, "Über die schwedischen Formen von *Polyommatus chiron* Rott. (Lep. Rhop.)" [in German]. *Opusc. Ent.*, vol.18: pp.116-121, 1 pl., 1 map. [12 Oct.] 1953. Describes as new (as "f. loc. n.") *P. c. arenicola* (Sandhammaren, Skåne), *P. c. praticola* (Vickleby, Öland). Plots Scandinavian records of sp.; describes variation, naming 3 new aberrations. Correction: *ibid.* vol.19: p.43. [P.B.]
- Capps, Hahn W., "A new species of *Stenocharis* Grossbeck and transfer of three related species to the genus (Lepidoptera: Geometridae)." *Bull. Southern Calif. Acad. Sci.*, vol.49: pp.12-14, 1 pl. 20 July 1950. Describes as new *S. arizonensis* (Hereford, Arizona); transfers *cornifrons*, *hoplitaria*, & *rhadinaria* here from *Cænocharis*. [P.B.]
- Capps, Hahn W., "A correction in the synonymy of the Cabbage Webworm (*Hellula undalis* [F.]) (Lepidoptera: Pyraustidae)." *Bull. Southern Calif. Acad. Sci.*, vol.52: pp.46-47, 1 pl. 29 Sept. 1953. New world material belongs to *H. rogatalis*, which is removed from synonymy under *undalis*. [P.B.]
- Carcasson, R. H., "The male of *Antistathmoptera daltonæ* Tams (Lepidoptera: Saturniidae)." *Proc. R. Ent. Soc. London (B)*, vol.26: pp.24-25, 1 pl. 26 Feb. 1957. Describes & figures first known ♂ (2nd specimen of sp.). [P.B.]
- Carpenter, G. D. Hale, "The genus *Euplœa* (Lep. Danaidae) in Micronesia, Melanesia, Polynesia and Australia. A zoo-geographical study." *Trans. Zool. Soc. London*, vol.28: pp.1-184, 9 pls. July 1953. Describes as new *E. lewinii brunnescens* (Tikopia, Santa Cruz Is.), *E. batesii auritincta* (New Ireland, Bismarck Archipelago), *E. b. trobriandensis* (Kiriwina, Trobriand Archipelago), *E. b. kunggana* (Kunggana Bay, Rennell Is., Solomon Is.), *E. b. leucacron* ("San Christoval"), *E. alcatboe samaraina* (Samarai Is., E. end of New Guinea), *E. rennellensis* (Kunggana Bay, Rennell Is., Solomon Is.), *E. umboina* ("Rook Is. or Umboi", Bismarck Archipelago), *E. algea regine* (Queen's Is. in Admiralty Gulf), *E. boisduvalii albomarginata* (San Christoval, Solomon Is.), *E. b. matemæ* (Matema, Santa Cruz Is.), *E. treitschkei eulegnica* (Nissan Is., Bismarck Archipelago), *E. t. suffusca* (Kiriwina, Trobriand Archipelago), *E. tulliolus goodenoughi* (Goodenough Is., D'Entrecasteaux Archipelago), *E. pyres paucinotata* (Vella Lavella), *E. stephensi nivani* (Nivani Is., Louisiade Archipelago), *E. nemertes rossi* (Rennell Is.), *E. n. crucis* (Santa Cruz Is.), *E. n. eustachiella* ("Anuta or Cherry Is.", Santa Cruz Is.). Records 137 forms from area. Describes typical spot pattern & its modification in each form. Lists fauna of each island and suggests probable derivation of major faunas. Certain cases of pattern resemblance among spp. living together in the Solomon Is. are considered to be examples of Müllerian mimicry. [P.B.]
- Clarke, C. A., "Experimental breeding of butterflies (abstract)." *Proc. Trans. S. London Ent. Nat. Hist. Soc.*, 1955: pp.92-93. Jan. 1957. *Papilio machaon* group hybrids; *Maculinea* spp.
- Clarke, J. F. Gates, "Notes on South American Tortricidae (Lepidoptera) and descriptions of new species" [in English; Spanish summary]. *Acta Zool. Lilloana*, vol.7: pp.579-588, 3 pls. 1949. Describes as new *Eulia deceptiva* (Nova Teutonia, Brazil), *E. bourquini* (Castro Paraná, Brazil), *E. auraria* (Cajón de Maypo, Santiago Prov., Chile), *E. episticta* (Nova Teutonia), *E. virga* (Nova Teutonia), *E. dimorpha* (Santa

- Catharina, Brazil), *E. sonæ* (Santa Catharina). Notes on *E. excerptana*, *E. oreographa*, & *E. extinctrix*. Figures wings & genitalia of all. Generic assignment provisional. [P.B.]
- Clarke, J. F. Gates, "A new *Acrocercops* from Argentina (Lepidoptera: Gracilariidæ)" [in English; Spanish summary]. *Acta Zool. Lilloana*, vol.13: pp.71-72. Dec. 1953. Describes as new *A. leucographa* (Tigre). [P.B.]
- Clarke, J. F. Gates, "A new *Porphyrosela* from Argentina (Gracilariidæ; Lepidoptera)" [in English; Spanish summary]. *Acta Zool. Lilloana*, vol.13: pp.69-70. Dec. 1953. Describes as new *P. minuta* (Tigre). [P.B.]
- Clarke, J. F. Gates, "Two new species of Olethreutidæ from California (Lepidoptera)." *Bull. Southern Calif. Acad. Sci.*, vol.51: pp.60-62, 1 pl. 30 Aug. 1952. Describes as new *Eucosma hasseanthi* (Orange, Calif.; reared from *Hasseanthus variegatus*); *Sonia comstocki* (San Felipe Wash, San Diego Co., Calif.). [P.B.]
- Clarke, J. F. Gates, "Microlepidoptera of Argentina, VI (Cecophoridæ)." *Ent. News*, vol.67: pp.253-256, 1 pl. [1] Dec. 1957. Describes as new *Ectaga lenta* (Tigre, Argentina); *PSEUDEROTIS* (monobasic), & type *P. canescens* (Tigre). [P.B.]
- Classen, E. W., "Separation characters of some British noctuid moths." *Proc. Trans. S. London Ent. Nat. Hist. Soc.*, 1952-53: pp.64-72, 4 pls., 18 figs. March 1954. Describes methods of distinguishing British spp. in the genera *Procus*, *Hydræcia*, *Apatele*, *Non-agria*, *Heliothis*, *Apamea*, *Cucullia*, & *Luperina*; figures pattern characters & (in first 3 genera) characters of genitalia which can be made out with abdomen intact. [P.B.]
- Clench, Harry K., "New Indo-Australian agaristid moths." *Ann. Carnegie Mus.*, vol.33: pp.141-144. 5 Nov. 1955. Describes as new *Scrobigerina* (?) *claggi* (Galog R., 6000 ft. Mt. Apo, Philippines), *S. umbrosa* (near Manila, Philippines); *Argyrolepida megistocissia* (Aru Is.); *Seudyra jordani* (La Lun Mts., 5000 ft., Davao Prov., Mindanao, Philippines). [P.B.]
- Clench, Harry K., "Revised classification of the butterfly family Lycænidae and its allies." *Ann. Carnegie Mus.*, vol.33: pp.261-274, 1 pl. 20 June 1955. Gives a revised classification of butterflies, including superfamilies Papilionoidea & Hesperioidea; the former are divided into Papiliones, Nymphalides, Lycænæ, and Pierides, of which the first 3 contain several families each. The association of Riodinidæ with Lycænidæ & Libytheidæ, and the wide separation of Papilionidæ & Pieridæ, are noteworthy. Each group is defined. The Lycænæ include Liptenidæ, with subfamilies Pentilinæ, Durbaniniæ, Lipteniniæ, & Thestoriniæ; Liphiridæ, with Liphyriniæ (3 tribes), Gerydiniæ, Spalginæ, & Poritiiniæ; Lycænidæ, divided tentatively into 7 groups; & Riodinidæ, with HAMEARINÆ (2 tribes), Euselasiinæ (2 tribes), & Riodiniinæ (4 tribes, including HELICOPINI & THEOPINI). Known genera are listed under each group. A preliminary paper. [P.B.]
- Clench, Harry K., "Studies on the Limacodidæ (Lepidoptera). 1. Notes on the African genera *Teimorhyncha* and *Ctenolita*." *Ann. & Mag. Nat. Hist.*, ser. 12, vol.8: pp.153-159. Feb. 1955. Describes as new *T. seydeli* (Elisabethville, Belgian Congo), *T. punctipes* (Efulen, Cameroons), *T. beringi* (Kangwé, Ogové R., Gabon, Fr. Equatorial Africa), *T. kamerunica* (Efulen, Cameroons). Sinks *epargyra*, type of *Ctenolita*, to *umbra*, type of *Teimorhyncha*. Gives characters of genus & its species groups, & key to spp. of one group. [P.B.]
- Clench, Harry K., "New Neotropical Cossidæ (Lepidoptera)." *Ann. & Mag. Nat. Hist.*, ser.12, vol.9: pp.897-906, 9 figs. 22 March 1957. Describes as new *GIVARBELA* (monobasic), *G. steinbachi* (450 m., Prov. del Sara, central Bolivia); *DIMORPHOCTENA* (monobasic), *D. egregia* (Nova Olinda, Rio Purús, Brazil); *Cossula morgani* (Mandeville, Manchester, Jamaica); *CITHARALLA* (monobasic), *C. idiosetoides* (450 m., Prov. del Sara, central Bolivia). Gives key to *C. morgani* & 3 related but still unnamed spp. of *Cossula*. [P.B.]
- Clench, Harry K., & Nicholas Shoumatoff, "The 3rd Danish Expedition to Central Asia. Zoological Results 2. Lepidoptera Rhopalocera (Insecta) from Afghanistan." *Vidensk. Meddel. Dansk Naturhist. Forening*, vol.118: pp.141-192, 27 figs. 31 Dec. 1956. Describes as new: (Satyridæ) *Aulocera swaba partholica* (Paghman, 2000 m.); *Kanetisa digna perdinga* (Mt. Shah Fuladi, 5000 m.); *Satyris pimpla tajik* (Mt. Shah Fuladi, 5000 m.); *Pseudochazara mniszecbii watsoni* (Kotal Pass, Koh-i-Baba Range, 3800 m.); *P. porphyritica* (Panjao, 2500 m.); *Paralasa dumetorum* (Mt. Shah Fuladi, 5000 m.); *Hyponephele capella jezail* (Panjao, 2500 m.), *H. susurrans* (Marak, 4500 m., Koh-i-Baba Range), *H. pulchella mussitans* (Puistagoli, 3500 m., Koh-i-Baba Range), *H. difficilis* (Tarapas, 3000 m., Koh-i-Baba Range); (Nymphalidæ) *Melitæa paludani* (Marak, 4500 m., Koh-i-Baba Range); (Pieridæ) *Colias shahfuladi* (Takut, 4500 m., Koh-i-Baba Range), *C. wiskotti swadneri* (Mt. Shah Fuladi, 5000 m.); (Parnassiidæ) *Parnassius delphius kobibaba* (Mt. Shah Fuladi, 5000 m.). Raises

- Muschampia staudingeri musta* to specific rank. Records numerous other butterflies, with descriptive notes. [P.B.]
- Cockayne, E. A., "*Eumenes semele clarensis* de Lattin; an aberration, not a subspecies." *Ent. Rec. & Journ. Var.*, vol.66: p.37. 15 Feb. 1954. Irish "race" named from pale specimens selected by dealer. [P.B.]
- Cockayne, E. A., & Harold B. Williams, "The variation of *Cryphia muralis* Forst. 1771, and an Irish subspecies." *Ent. Gazette*, vol.7: pp.63-73, 1 pl. April 1956. Describes as new *C. m. westropi* (Passage West, Co. Cork). Discusses numerous geographical & other variants, naming 3 aberrations; new entities figured in color. [P.B.]
- Collenette, C. L., "New and little-known Indonesian Lymantriidæ (Lep.)." *Treubia*, vol.22: pp.225-232, 19 figs. 15 July 1953. Describes as new *Euproctis poppæa* (Mt. Kina Balu, N. Borneo), *E. venata* (Lebong Tandai, Benkulen, W. Sumatra); *Laelia atestacea prasielitys* (Gunong Ijau, Malaya); *Rhyptoses brooksi* (Lebong Tandai); *Dasychira zelotica hamilleter* (Lubuksikaping, Sumatra). Records of other spp. of these genera, with some descriptive notes. [P.B.]
- Collenette, C. L., "A new *Leucoma* (Lymantriidæ) from Uganda." *Entomologist*, vol.88: p.162. 11 July 1955. Describes as new *L. sevastopuloi* (Kampala). [P.B.]
- Collenette, C. L., "Further new and little-known African Lymantriidæ." *Ann. & Mag. Nat. Hist.*, ser.12, vol.8: pp.641-651, 1 pl. Sept. 1955. Describes as new *Stracilla fowleri* (Ngong, Nairobi, Kenya); *Conigephyra rikatia* (Rikatia, Mozambique); *Crop-era seydeli rhabdophora* (Mt. Moco, Angola); *Paramarbla abyssinica* (Birbir, Joubdo, W. Abyssinia); *CŌNIORTODES* (monobasic), *C. conia* (Mt. Elgon, Kenya); *Euproctis mayottensis* (Mayotte Is.), *E. chionea* (Balgowan, Natal), *E. kettlewelli* (Wilderness, Knysna Forest, Cape Prov.); *Paraproctis coulsoni* (Ngong, Nairobi, Kenya); *Lacipa elgonensis sciera* (Rukiga, 6000 ft., near Bukinda, Kigezi District, S. W. Uganda); *Laelia subrosea gigas* (Kambuga, 5500 ft., Kinkizi Co., Kigezi District, S. W. Uganda); *Dasychira burgessi* (Rutenga, 7000 ft., Mafuga Forest, S. W. Uganda), *D. aprepes* (Kibwezi, Kenya), *D. didyma* (Wilderness, Knysna Forest, Cape Prov.), *D. aridella* (Elisabethville, Belgian Congo); *Rhypteryx hemiphanta* (Kitale, Kenya). *Crorema modesta* a good sp., Sinks *Orgyia affinis* & *O. pulcherrima* to *O. basalis*; *Dasychira castor* to *D. basigutta*. Notes on *Stracilla translucida* & *Euproctis consocia*. [P.B.]
- da Costa Lima, A., "Sôbre o macho de *Eriopyga lamptera* (Lepidoptera, Noctuidæ, Hadeninæ)" [in Portuguese]. *Mem. Inst. Oswaldo Cruz*, vol.49: pp.594-597, 3 figs. March 1951. On identity of moth; figures ♂, genitalia, & venation. [P.B.]
- da Costa Lima, A., "Sôbre dois microlepidópteros (Tortricoidea, Grapholitidæ)" [in Portuguese]. *Mem. Inst. Oswaldo Cruz*, vol.50: pp.249-253, 2 pls., 1 fig. March 1952. Describes as new *Laspeyresia cassiana* (Manguinhos, Brazil; reared from *Cassia fistula*); notes on *L. araucariae*; numerous figures of both. [P.B.]
- da Costa Lima, A., "Sôbre um noctuídeo pouco citado na literatura (Lepidoptera, Noctuidæ)" [in Portuguese]. *Mem. Inst. Oswaldo Cruz*, vol.50: pp.259-262, 1 pl. March 1952. Gives taxonomic history of *Ceroctena amynta*; figures both sexes & ♂ genitalia. [P.B.]
- Couchman, L. E., "Notes on some Tasmanian and Australian Lepidoptera—Rhopalocera with descriptions of new forms and subspecies." *Pap. Roy. Soc. Tasmania*, vol.88: pp.67-79, 1 pl., 2 figs. 1954. Describes as new *Heteronympha cordace comptena* (Strahan, Tasmania), *H. c. kurena* (Cuvier R., Tasmania), *H. c. legana* (Lake Leake, Tasmania) (Satyridæ); *Neolucia serpentata* (Cambridge, Tasmania) (Lycænidæ); *Anisynta albovenata weemala* (Gunnedah, New South Wales), *A. cynone gunneda* (Gunnedah, New South Wales; eggs on *Poa* sp.) (Hesperiidæ). One of the new races is figures. [I. C.]
- Couchman, L. E., "A catalogue of the Tasmanian Lepidoptera—Rhopalocera." *Pap. Roy. Soc. Tasmania*, vol.90: pp.1-33. 1956. Full synonymy, type locality, location of type, and distribution included. [I.C.]
- Crooke, Myles, "A contribution to the knowledge of the genus *Evetria* Hbn. (Lepidoptera, Tortricoidea)." *Forestry*, vol.24: pp.127-146, 2 pls., 12 figs. 1951. Comparative study of *E. buoliana*, *E. turionana*, *E. resinella*, & *E. purdeyi*; moths are distinguished in all stages. All feed on pine. [P.B.]
- Crosby, D. F., "A new geographical race of an Australian butterfly." *Victorian Nat.*, vol.67: pp.225-226, 1 pl. March 1951. Describes & figures a new ssp., *Paralucia aenea lucida* (Lycænidæ) from Victoria. [I.C.]
- Crumb, S. E., "The larvæ of the Phalænidæ." *U. S. Dept. Agr. Tech. Bull.* no.1135: ii + 356 pp., 11 pls., 4 figs. July 1956. Proposes new subfamilies BAGISARINÆ & UFEINÆ. Describes larvæ of some 680 spp. of North American noctuids (some of which are undescribed or unidentified); gives range of spp. & foodplants. Every

- subfamily except Rivulinae is included. Keys to subfamilies, genera, and spp., based on structural characters. There are numerous suggested changes of generic or subfamily assignment, based on larval resemblances; the work amounts to a tentative classification of noctuid larvæ. Agaristinae are included. [P.B.]
- Daniel, Franz, "Beiträge zur Kenntnis der Arctiidae Ostasiens unter besonderer Berücksichtigung der Ausbeuten von Dr. h.c. H. Höne aus diesem Gebiet (Lep.-Het.). III. Teil: Lithosiinae (Fortsetzung)" [in German]. *Bonner Zool. Beitr.*, vol.3: pp.75-90, 305-324; vol.5: pp.89-138; 2 pls., 73 figs. 15 July 1952; 20 Feb. 1953; [15 July] 1954. Conclusion of paper. Describes as new: *Miltochrista (Barsine) excelsa* (Hoeng Shan, 900 m., Hunan), *M. (B.) perpallida yunnanensis* (Li-kiang, N. Yunnan); *Asura likiangensis* (Li-kiang); HYPASURA (monobasic), *H. hönei* (Hoeng Shan, 900 m., Hunan); *Chionæma fukiensis* (Kuantun), *C. hönei* (Li-kiang, N. Yunnan), *C. cantonensis* (Canton), *C. klapperichi* (Shaowu, 500 m., Fukien), *C. likiangensis* (Li-kiang, N. Yunnan); *Agrisius fuliginosus albida* (Kiangsi & Chekiang; no type locality); *Paraona nigra* (Tapaishan in Tsinling, S. Shansi), *P. fukiensis* (Kuantun, 2300 m., Fukien); *Agylla analimacula* (A-tun-tse, N. Yunnan), *A. yunnanica* (Li-kiang, N. Yunnan); *Lithosia deplana sinica* (Chekiang, 3 localities), *L. chekiangica* (Chekiang, Fukien; no type locality), *L. taishanica* (Tai Shan, 1500 m., Shantung), *L. hönei* (Li-kiang, N. Yunnan), *L. uniformeola* (Li-kiang & A-tun-tse, N. Yunnan), *L. likiangica* (Li-kiang), *L. hunanica* (Kuantun, 2300 m., Hunan), *L. moorei griseata* (Tapaishan in Tsinling, 1700 m., S. Shensi), *L. m. concolor* (Li-kiang, N. Yunnan), *L. m. griseotincta* (Batang, 2800 m., Tibet), *L. atunseica* (T-tun-tse, 3500-4000 m., N. Yunnan), *L. griseola chinensis* (Shansi & S. Shensi, no type locality), *L. amoyca* (Amoy, S. China), *L. ussurica* (Kasakewitsch, Ussuri, Manchuria), *L. lungtanica* (Lungtan, near Nanking, Kiangsu), *L. kuatunica* (Kuatun, 2300 m., Fukien), *L. tsinlingica* (S. Shensi; Korea; no type locality), *L. nankingica* (Lungtan, near Nanking, Kiangsu), *L. yokohamae* (Yokohama, Japan), *L. tienmushanica* (Chekiang; Hunan; no type locality); *L. fukiensis* (Kuantun, 2300 m., Fukien), *L. minima* (A-tun-tse, 4000 m., Yunnan); *Systropha sororcula orientis* (China; Indochina; no type locality), *S. klapperichi* (Fukien; Chekiang; no type locality); PARALITHOSIA (monobasic), *P. hönei* (Li-kiang, N. Yunnan); *Tigrioides areolata* (Chekiang; Fukien; no type locality), *T. limayca* (Limay, S. China); MICROLITHOSIA (monobasic), *M. shao-wuica* (Shaowu, 500 m., Fukien); LITHOSARCTIA (monobasic), *L. hönei* (Li-kiang, N. Yunnan). These parts record 122 spp. (including new entities, with synonymy, distribution, & more or less complete descriptions. [P.B.]
- Daniel, Franz, "Die asiatischen Formen der *Selenephra lunigera* Esp. (Lepidoptera, Lasiocampidae)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.39: pp.29-32. 31 Jan. 1954. Notes on 6 ssp.; raises "form" *monbeigi* to subspecific rank & describes previously unknown ♀. [P.B.]
- Daniel, Franz, "Die Stämme der *Zygæna transalpina* Esp./*angelicæ* O. im oberen Murtal in Steiermark im Vergleich mit anderen mitteleuropäischen Populationen (Lep., Zygænidæ)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.39: pp.51-78, 3 pls., 3 figs., 2 maps. 20 Feb. 1954. Describes as new *Z. t. angelico-transalpina* (Puxberg bei Teutenbach), *Z. t. gulsensis* (Gulsenberg). Regards *transalpina* & *angelicæ* as western & eastern elements of same sp., which was divided into 2 separate populations by glacial period & is now recombining; therefore reduces *angelicæ* to ssp. of *transalpina*. Discusses at length the intermediate populations in central Europe and the evidence from structural & biological similarity & crossing experiments for the close relationship between *transalpina* & *angelicæ*. [P.B.]
- Daniel, Franz, "Beiträge zur Kenntnis der Arctiidae Ostasiens unter besonderer Berücksichtigung der Ausbeuten von Dr. h. c. H. Höne aus diesem Gebiet. IV. Teil: Nachträge [in German]. *Bonner Zool. Beiträge*, vol.6: pp.132-145, 12 figs. [29 July] 1955. Describes as new: *Spilarctia kuangtungensis* (Kuangtung, etc.; no type locality); LACYDOIDES (monobasic), *L. tibetensis* (Batang, 2800 m.); *Miltochrista terminifusca* (Kuatun, 2300 m.), *M. fukiensis* (Kuatun, 2300 m.); *Agylla anatipunctaria* Kuatun, Fukien). 46 other spp. are recorded, with some systematic notes; Kiriakoff gives figures & description of tympanic organs & notes on systematic position for some spp. of *Epimydia*, *Stigmatophora*, *Siccia*, *Melanæma*, *Miltochrista*, *Asura*, *Agrisius*, *Paraona*, *Agylla*, *Lithosia*, & *Zadadra*. [P.B.]
- Daniel, Franz, "Die Wirkung ökologischer Einflüsse auf den Habitus von Lepidopteren, untersucht an den Formen von *Coscinia cribraria* L." [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.183-201, 1 pl. 15 June 1955. Describes as new *C. c. pannonica* (Nyírator [Bátorliget], Komitat Szabolcs, NE Hungary). Reviews known geographic races, their distribution, & aberrations. Concludes from distribution of forms that

- darker forms are dependent on cool, damp climates (through prolonged influence, since bred individuals correspond to parental type). Claims that *Eyprepia* (an older generic name) must be used for *cribraria* by strict application of the rules of nomenclature, since "the *cribraria* forms were listed by Ochsenheimer in his genus *Eyprepia* before *pubica* and its nearest relatives". The *International Rules* of course contain no such provision for selection of a genotype. [P.B.]
- Daniel, Franz, "Die Formen von *Trichiura cratægi* L. (Lep. Lasiocamp.)" [in German]. *Nachrichtenbl. Bayer. Ent.*, vol.5: pp.67-71, 78-80, 87-94. 15 July, 15 Aug., 15 Sept. 1956. Describes as new *T. c. albicans* (Boussay, Dép. Charente Inf., France), *T. c. anatolica* (Marasch, central Taurus, Syria), *T. c. vallisincola* (Kössen, 580 m., N. Tyrol), *T. c. griseotincta* (Kaltern bei Bozen, 600 m., S. Tyrol). Reviews other races, named "forms", & distribution. [P.B.]
- Daniel, Franz, "Eine neue afrikanische Cosside (Lep.)" [in German]. *Mitt. Münchner Ent. Ges.*, vol.46: pp.289-290, 1 pl. 1 Dec. 1956. Describes as new *Pecticoissus gaerdesi* (Swakopmund vicinity, Wlotzabaken, SW Africa). [P.B.]
- Daniel, Franz, "Monographie der palæarktischen Cossidæ II. Die Genera *Cossus* Fabr. und *LAMELLACOSSUS* gen.n (Lep.)" [in German]. *Mitt. Münchner Ent. Ges.*, vol.46: pp.243-288, 3 pls., 4 figs. 1 Dec. 1956. Type of n.g. is *Cossus terebra*. Revision covers 14 spp. of *Cossus* & 5 of *Lamellocossus* (this spelling is used throughout & was probably intended). Figures of 10 spp. Original descriptions repeated. [P.B.]
- Daniel, Franz, "Bemerkungen zu einiger *Zygæna*-und *Dysauxes* Arten Mazedoniens" [in German; Jugoslav summary]. *Acta Musei Macedon. Sci. Nat.*, vol.4: pp.211-222. 1957. Describes as new *Z. filipendulæ sharensis* (Vratnica, 900 m., Shar-Planina), *Z. ramburi europensis* (Doiransee, Stary-Doiran, 150-300 m.), *Z. ephialtes vardarica* (Vratnica, 900 m., Shar-Planina). Redescribes Macedonian races of *Z. exulans* & *D. famula*. [P.B.]
- Daniel, Franz, & Josef Wolfsberger, "Die Föhrenheidegebiet des Alpenraumes als Refugien wärmeliebender Insekten. I. Der Kaunerberghang im Oberinntal" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.40: pp.13-22, 49-71, 103-110, 130-135, 4 figs., 1 map. 15 Jan., 15 Feb., 15 March, 15 April 1955. Describes as new *Mimas filix montana* (Bretterkeller bei Innsbruck). Describes xerothermic area (geology, climate, vegetation), & discusses characteristic Lepidoptera of whole area & selected habitats. Presence of xerothermic forms, "southern habitus" of some widespread spp., & occurrence of lowland spp. at unusual altitudes are noteworthy. Faunal peculiarities of area have been enhanced by effects of cultivation. Annotated list of over 650 spp. of Lepidoptera, with notes on biology of some characteristic spp., & lists of some other groups of insects. [P.B.]
- Daniel, Franz, & J. Wolfsberger, "Zur Nomenklaturfrage *Hadena texturata kitti* Schaw. (= *silbernageli* Tykač)" [in German]. *Zeitschr. Wiener Ent. Ges.*, vol.41: pp.246-248. 15 Sept. 1956. Maintains that *kitti* is valid name for European race. [P.B.]
- Das, G. M., "Psychidæ (Lepidoptera) on tea in north-east India." *Ann. & Mag. Nat. Hist.*, 12th ser., vol.9: pp.569-576, 1 pl. Aug. 1956. Briefly redescribes 17 spp.; figures larval cases of most of these, & of 2 spp. which have not been reared. [P.B.]
- Diakonoff, A., "Records and descriptions of Microlepidoptera (3)." *Treubia*, vol.20: pp.39-50, 10 figs. April 1949. Describes as new (Carposinidæ) *ARCHOSTOLA* (monobasic), *A. vredeci* (Fort de Kock, 920 m., Sumatra); *MESODICA*, & type *M. infuscata* (Mts. Gedé-Panggerango, Tjibodas, 1400 m., W. Java); *Meridarchis creagra* (Fort de Kock), *M. pusulosa* (Mts. Gedé-Panggerango, 1400 m.); *Carposina megalosema* (Mts. Gedé-Panggerango, 1400 m.); *METACOSMESIS* (monobasic), *M. barbaroglypha* (Nongkodjadjar, Tengger Mts., 1400 m., E. Java). Transfers *Hyperperissa pulchella* (Tineidæ!) to *Zacorisca* (Tortricidæ); *Meridarchis aggerata* to *Mesodica*. Record of *Meridarchis lembula*. [P.B.]
- Diakonoff, A., "Fauna Buruana. Microlepidoptera III." *Treubia*, vol.20: pp.311-318, 6 figs. Oct. 1950. Describes as new: (Cecophoridæ) *Dolosaphes quadriscripta*; (Tineidæ) *EUCRICOSTOMA* (monobasic), *E. lanosa*; *Scardia maculosa*; *Tinea innocens*. All from Buru. Also records *Stemomorpha rutella* & 5 spp. of Alucitidæ. Transfers *Psygmomorpha* from Copromorphidæ to Nolinæ. [P.B.]
- Diakonoff, A., "Entomological results from the Swedish expedition 1934 to Burma and British India. Lepidoptera, collected by René Malaise. Microlepidoptera I." *Ark. Zool.*, ser.2, vol.3: pp.59-94, 35 figs., 1 map. [20 Aug.] 1952. Describes as new: (Tortricidæ) *CERAMEA* (monobasic), *C. singularis*; *Adoxophyes centroluta*; *Homona stenoptycha*; *Neocalyptis aperta*; *Peronea macrographa*. (Carposinidæ) *DESIARCHIS* (monobasic), *D. hemisema*; *Meridarchis tristriga*. (Gelechiidæ) *Lecithocera octosperma*, *L. frustrans*, *L. pseudocatbara*; *PANPLATYCEROS* (monobasic), *P. serpentina*; *Brachmia sincera*.

- (Xylorictidæ) *Æolanthès oculigera*, *A. semicarnea*; ANŒCEA (monobasic), *A. trigonophora*. (Cecophoridæ) *Cryptolechia leptota*, *C. malaisei*, *C. mellispersa*, *C. aliena*; PHAULOLECHIA (monobasic), *P. simplicata*. (Schrecksteiniidæ) URANOPHENGGA (monobasic), *U. lemniscata*. (Glyphipterygidæ) *Imma lacessens*. All records of n.spp. from Kambaiti, 2000 m., N. Burma. Records other spp. with some descriptive notes (above families, & Alucitidæ, Ceracidæ, Eucosmidæ, Orneodidæ, Plutellidæ, Tineidæ. [P.B.]
- Diakonoff, A., "New Guinea Microlepidoptera. III." *Proc. Nederl. Akad. Wetensch.*, ser.C, vol.55: pp.644-655, 9 figs. Nov./Dec. 1952. Describes as new (Tortricinæ) *Choanograptis concinna* (Owgarra, Br. New Guinea), *C. fasciata* (Sorong Valley, Vogelkop Peninsula), *C. concurrens* (Arabu Camp, (Wissel Lakes, central W. New Guinea), *C. ambigua* (Mt. Lina, 3500-4500 ft., Cyclops Mts.); *Tæniarcbis phædra* (Manokwari, Vogelkop Peninsula); *Polemograptis chrysoedesma* (Sorong Valley, Vogelkop Peninsula); *Argyrotoza hormiophora* (Camp Nok, 2500 ft., Waigeu Is.); *Tymbarcha hemiprasina* (Camp Nok, 2500 ft., Waigeu Is.). [P.B.]
- Diakonoff, A., "New Guinea Microlepidoptera. IV." *Proc. Nederl. Akad. Wetensch.*, ser.C, vol.56: pp.474-485, 8 figs. Sept./Oct. 1953. Describes as new (Tortricinæ): *Parachorista fusca* (Arabu Camp, 1800 m., Wissel Lakes), *P. insignis* (Angigita, 1800-2000 m., Arfak Mts., Vogelkop Peninsula); *Syndemis labyrinthodes* (Angigita); *Nikolaia inumbrata* (Mt. Tafa, 8500 ft., Papua), *N. aperta* (Arabu Camp, 1800 m., Wissel Lakes); *Rhomboceros rosacea* (Aitape); *Tremophora microplecta* (Ogwarra, Br. New Guinea). Records of some other Tortricinæ. [P.B.]
- Diakonoff, A., "Revision of the HYPERTROPHINÆ (Lepidoptera, Glyphipterygidæ)." *Proc. Nederl. Akad. Wetensch.*, ser.C, vol.57: pp.273-285, 471-492, 686-695, 1 pl., 46 figs. 1954. New subfamily confined to Australia & Tasmania, except for 1 unnamed sp. from New Guinea. Describes as new PERITROPHA (monobasic), *P. oligodracma* (Billopp, Australia); OXYTROPHA (type *Hypertropha ametalla*); ALLOTROPHA (type *Orosana? percussana*). Redescribes genera (including also *Eupselia* & *Æolocoma*) & spp.; describes early stages of *Hypertropha tortriciformis*; figures all spp. but one. [P.B.]
- Diakonoff, A., "Microlepidoptera of New Guinea. Results of the Third Archbold Expedition (American-Netherlands Indian Expedition 1938-1939). Part III." *Verhandel. K. Nederl. Akad. Wetensch., Afd. Natuurk., Tweede Reeks*, vol.49, part 4: 164 pp., 179 figs. 1954. Includes the Schœnotenidæ, Chlidanotidæ, Carposinidæ, & Copromorphidæ. Describes as new: (Schœnotenidæ) OLIGOTENES, & type *O. polylampes* (Iebèlè Camp, 2250 m.), *O. chrysoteuches* (Moss Forest Camp, 2800 m.); STENOTENES, & type *S. acroptycha* (Moss Forest Camp, 2800 m.), *S. incudis* (Iebèlè Camp, 2250 m.); *Metachorista hierophantis* (Moss Forest Camp, 2800 m.), *M. megalophrys* (Moss Forest Camp), *M. refracta* (Moss Forest Camp), *M. deltophora* (Moss Forest Camp), *M. austera* (Moss Forest Camp), *M. læpa* (Mist Camp, 1800 m.), *M. mesata* (Moss Forest Camp, 1800 m.); CHORISTENES (type *Schœnotenes melitoptila*); COPIDOSTOMA (monobasic), *C. chrysochrysis* (Moss Forest Camp, 2600-2800 m.); *Schœnotenes xenographa* (Moss Forest Camp, 2600-2800 m.), *S. œnographa* (Moss Forest Camp, 2800 m.), *S. tineoides* (Sigi Camp, 1500 m.), *S. leptomorphia* (Iebèlè Camp, 2250 m.), *S. triangulum* (Mist Camp, 1800 m.), *S. infuscata* (Moss Forest Camp, 2600-2800 m.), *S. farinata* (Top Camp, 2100 m.), *S. oligosema* (Letter Box Camp, valley 4 km. E. of Wilhelmina Top, 3600 m.), *S. rubiginosa* (Moss Forest Camp, 2600-2800 m.), *S. megalops* (Moss Forest Camp, 2800 m.), *S. sitochroma* (Moss Forest Camp, 2800 m.), *S. metagrapha* (Baliem Camp, 1600 m.), *S. pallida* (Iebèlè Camp, 2250 m.), *S. trachygrapha* (Mist Camp, 1800 m.), *S. affinis* (Top Camp, 2100 m.), *S. subtilis* (Scree Valley Camp, 3800 m.), *S. vana* (Top Camp, 2100 m.), *S. chalcilypa* (Mist Camp, 1800 m.), *S. argentea* (Moss Forest Camp, 2800 m.), *S. coccyx* (Moss Forest Camp), *S. cuspidata* (Moss Forest Camp, 2600-2800 m.), *S. virens* (Top Camp, 2100 m.), *S. beryllodes* (Moss Forest Camp, 2800 m.), *S. olivacea* (Moss Forest Camp, 2800 m.), *S. lithodes* (L. Habbema, 3250-3300 m.), *S. anthracospila* (Valley E. of Mt. Wilhelmina, 3600 m.), *S. acrogonia* (Moss Forest Camp, 2600-2800 m.), *S. rhodantha* (Moss Forest Camp), *S. orphnina* (Moss Forest Camp, 2800 m.), *S. glaucops* (Moss Forest Camp, 2800 m.), *S. opbiadora* (L. Habbema, 3250-3300 m.), *S. dimorpha* (Moss Forest Camp, 2800 m.), *S. teratographa* (Scree Valley Camp, 3800 m.), *S. chrysauges* (L. Habbema, 3250-3300 m.), *S. chrysoptuta* (L. Habbema, 3250-3300 m.), *S. agana* (Moss Forest Camp, 2800 m.), *S. microphthalma* (L. Habbema, 3250-3300 m.), *S. nanodes* (Sigi Camp, 1500 m.), *S. chrysoconis* (Moss Forest Camp, 2800 m.), *S. chalcitis* (L. Habbema, 3250-3300 m.), *S. aurispersa* (L. Habbema, 3250-3300 m.), *S. latenata* (L. Habbema, 3250-3300 m.),

S. plagiostibus (Moss Forest Camp, 2600-2800 m.), *S. velutina* (Top Camp, 2100 m.), *S. prophanes* (Moss Forest Camp, 2800 m.), *S. lichenochroma* (Mist Camp, 1800 m.), *S. mesotrauma* (Sigi Camp, 1500 m.), *S. sufflava* (Moss Forest Camp, 2800 m.), *S. phlaetis* (Moss Forest Camp, 2800 m.), *S. platyptila* (L. Habbema, 3250-3300 m.), *S. petraea* (Mist Camp, 1800 m.), *S. aphrodes* (Moss Forest Camp, 2800 m.), *S. irresoluta* (Scree Valley Camp, 3800 m.), *S. argyrolemma* (Moss Forest Camp, 2600 m.), *S. cyllicophora* (Top Camp, 2100 m.), *S. operosa* (Araucaria Camp, 800 m.), *S. pachydesma* (Rattan Camp, 1200 m.), *S. croceosema* (Arabu Camp, 1800 m., Wissel Lakes), *S. coniopegma* (Sigi Camp, 1500 m.), *S. canescens* (Mist Camp, 1800 m.); XENOTENES (monobasic), *X. microastra* (Araucaria Camp, 800 m.). (Chlidanotidæ) DEMEIJERELLA (monobasic), *D. xanthorbina* (Rattan Camp, 1200 m.). (Carposinidæ) *Meridarchis cosmia* (Top Camp, 2150 m.), *M. anisopa* (Top Camp, 2100 m.), *M. oculosa* (Lower Mist Camp, 1400-1600 m.), *M. globosa* (Moss Forest Camp, 2800 m.), *M. pentadrachma* (L. Habbema, 3250-3300 m.), *M. chionocalca* (Moss Forest Camp, 2800 m.), *M. capnographa* (Moss Forest Camp, 2600-2800 m.), *M. melanantha* (Moss Forest Camp, 2800 m.), *M. melanopsacas* (Moss Forest Camp, 2600 m.), *M. cuphoxyton* (Moss Forest Camp, 2600-2800 m.), *M. goes* (Moss Forest Camp, 2600-2800 m.); SPARTONEURA (monobasic), *S. xerocrastis* (Mist Camp, 1800 m.); CAMACOSTOMA (monobasic), *C. mesosapra* (Iebèlè Camp, 2250 m.); *Carposina mnia* (Top Camp, 2100 m.); ANOMGEOSIS, and type *A. phanerostigma* (Moss Forest Camp, 2600-2800 m.), *A. barbara* (Moss Forest Camp, 2800 m.), *A. carphopasta* (L. Habbema, 3250-3300 m.), *A. conites* (L. Habbema, 3250-3300 m.); ACTENOPTILA, & type *A. eucosma* (L. Habbema, 3250-3300 m.), *A. eustales* (Moss Forest Camp, 2800 m.), *A. heliotropia* (Scree Valley Camp, 3800 m.); *Heterogyma anterastes* (L. Habbema, 3250-3300 m.), *H. xenochroma* (Moss Forest Camp, 2600-2800 m.), *H. parthenia* (Letter Box Camp, 3600 m.), *H. stenygra* (L. Habbema, 3250-3300 m.), *H. melanococca* (Moss Forest Camp, 2800 m.), *H. polystigma* (L. Habbema, 3250-3300 m.); BLIPTA, & type *B. technica* (Moss Forest Camp, 2600-2800 m.); XYLOIDES (monobasic), *X. lamproxyton* (Top Camp, 2100 m.); HYSTRICHOMORPHA (monobasic), *H. acanthina* (Moss Forest Camp, 2800 m.). (Copromorphidæ) *Copromorpha lignisquama* (Mist Camp, 1800 m.). Keys to world genera of Schœnitenidæ (all genera redescribed) & Carposinidæ, & to Papuan genera of other families; keys to spp. See review in *Lepid. News*, vol. 10: p. 176. [P.B.]

Diakonoff, A., "Microlepidoptera of New Guinea. Results of the Third Archbold Expedition (American-Netherlands Indian Expedition 1938-1939). Part IV." *Verhandel. K. Nederl. Akad. Wetensch., Afd. Natuurk., Tweede Reeks*, vol. 50, no. 1: 191 pp., 168 figs. 1954. Includes Gelechiidæ, Cosmopterygidæ, Scæosophidæ, Xylorictidæ, Stenomidæ, Ecophoridæ, Orneodidæ, & Ægeriidæ. Describes as new: (Gelechiidæ) *Aristotelia schistopa* (Sigi Camp, 1500 m.), *A. trichlasma* (Mist Camp, 1800 m.); EMMETROPHYSIS (monobasic), *E. lanceolata* (Scree Valley Camp, 3800 m.); *Thiotricha chionochrysa* (Baliem Camp, 1700 m.); *Prodoxarcha catadamanta* (Hollandia); *Hemiarcha melanogastra* (Mist Camp, 1800 m.); *Anarsia anisodonta* (Sigi Camp, 1500 m.); HOMOTIMA (monobasic), *H. purpurata* (Mist Camp, 1800 m.); *Hyatima subdentata* (Mist Camp, 1800 m.), *H. artochroma* (Moss Forest Camp, 2600-2800 m.), *H. cryptopluta* (Rattan Camp, 1150 m.); *Hyptiastis microcritiba* (Bernhard Camp, 50 m.); *Crocantbes protoma* (Rattan Camp, 1200 m.), *C. sceptra-phora* (Bernhard Camp B, 100 m.), *C. megaloptalma* (Rattan Camp, 1200 m.), *C. pyrostola* (Araucaria Camp, 800 m.), *C. heliocharis* (Araucaria Camp, 800 m.), *C. philotima* (Hollandia), *C. xanthorrhœa* (Bernhard Camp, 50 m.), *C. leucodonta* (Araucaria Camp, 800 m.), *C. anactostola* (Mist Camp, 1800 m.); *Gonœpa dysthyma* (Rattan Camp, 1150-1200 m.); *Periphorectis disperma* (Mist Camp, 1800 m.); *Spbenocrates neptis* (Sigi Camp, 1500 m.); *Asmenistis semifracta* (Sigi Camp, 1500 m.); *Lecithocera nitens* (Top Camp, 2100 m.), *L. abrasa* (Moss Forest Camp, 2800 m.), *L. rhinoceros* (Araucaria Camp, 800 m.), *L. capra* (Mist Camp, 1800 m.), *L. induta* (Rattan Camp, 1200 m.), *L. brachyptila* (Sigi Camp, 1500 m.), *L. purpurea* (Mist Camp, 1800 m.), *L. hemitoma* (Moss Forest Camp, 2800 m.), *L. lutescens* (Moss Forest Camp, 2800 m.), *L. baryoma* (Mist Camp, 1800 m.), *L. rhabdostoma* (Rattan Camp, 1200 m.), *L. liberalis* (L. Habbema, 3250-3300 m.), *L. perspicua* (Mist Camp, 1800 m.), *L. sextacta* (Mist Camp, 1800 m.), *L. pachystoma* (Moss Forest Camp, 2600-2800 m.); *L. megalosperma* (Moss Forest Camp, 2800 m.), *L. submersa* (Mist Camp, 1800 m.), *L. spinigera* (Lower Mist Camp, 1400-1500 m.), *L. sublanata* (Araucaria Camp, 800 m.); *Brachmia subsignata* (Rattan Camp, 1200 m.). (Cosmopterygidæ) NEACHANDELLA (monobasic), *N. desis* (Mist Camp, 1800 m.);

- Dorodoca melanostigma* (Sigi Camp, 1500 m.); *Proterocosma marginata* (Iebèlè Camp, 2250 m.), *P. dualis* (Rattan Camp, 1200 m.); *ACLEACRA* (monobasic), *A. pancarpbalea* (L. Habbema, 3250-3300 m.); *DYNATOPHYSIS* (monobasic), *D. perichrysa* (Mist Camp, 1800 m.); *MELANESTHES* (monobasic), *M. disema*; *Limnæcia simplex* (Araucaria Camp), *L. thiosima* (Moss Forest Camp, 2800 m.), *L. bilineata* (Mist Camp, 1800 m.), *L. parallelograpta* (Rattan Camp, 1200 m.), *L. nephelocalca* (Mist Camp, 1800 m.), *L. nigrispersa* (Moss Forest Camp, 2800 m.), *L. megalochlamys* (Moss Forest Camp, 2800 m.), *L. ensigera* (Rattan Camp, 1200 m.). (Scæosophidæ) *COSMIOSOPHISTA* (monobasic), *C. trachyopa* (Sigi Camp, 1500 m.); *BATHYBALLA* (monobasic), *B. microsperma* (Sigi Camp, 1500 m.). (Xylorictidæ) *CHIRONEURA* (monobasic), *C. chrysocyma* (Rattan Camp, 1200 m.); *Pansepta tunsæ* (Bernhard Camp, 50 m.), *P. tactica* (Araucaria Camp, 800 m.), *P. splendens* (Iebèlè Camp, 2250 m.), *P. languescens* (Moss Forest Camp, 2800 m.), *P. amœrocera* (Sigi Camp, 1500 m.); *Athrypsistis chionodes* (Bernhard Camp, 50 m.), *A. delicata* (Araucaria Camp, 800 m.); *Niphorycta hemispercna* (Sigi Camp, 1500 m.); *Paralectia conflata* (Rattan Camp, 1200 m.), *P. hexagona* (Araucaria Camp, 800 m.), *P. acutangula* (Iebèlè Camp, 2250 m.), *P. rhodometallica* (L. Habbema, 3250-3300 m.), *P. r. flagellata* (Sigi Camp, 1500 m.); *Arignota decipiens* (Top Camp, 2100 m.), *A. clavatrix* (Moss Forest Camp, 2600-2800 m.); *Cryptophasa obscura* (Moss Forest Camp, 2600-2800 m.), *C. curialis clarinota* (Rattan Camp, 1150 m.), *C. c. pallida* (Mist Camp, 1800 m.), *C. iorhypara* (Baliem Camp, 1600-1800 m.), *C. chlorotis* (Rattan Camp, 1200 m.), *C. niphadobela* (Araucaria Camp, 800 m.), *C. ranuncululus* (Araucaria Camp, 800 m.), *C. chionotarsa brunnea* (Araucaria Camp, 800 m.), *C. bades* (Rattan Camp, 1200 m.), *C. chionacra* (Araucaria Camp, 800 m.), *C. geron* (Mt. Hager, 3650 m.); *Xylorycta hypatolimnas* (L. Habbema, 2600-2800 m.); *Phiboneroles anthracopsara* (Moss Forest Camp, 2800 m.), *P. aristæpennis* (Moss Forest Camp, 2600-2800 m.), *P. cryptoleuca* (Lower Mist Camp, 1500-1600 m.). (Stenotomidæ) *NOTHOCHALARA* (monobasic), *N. sordida* (Araucaria Camp, 800 m.); *PROSCÉDES* (monobasic), *P. torquigera* (Rattan Camp, 1200 m.); *Agriophara parallella* (Lower Mist Camp, 1400-1600 m.), *A. virescens* (Cyclops Mts., 400-900 m.), *A. heterochroma* (Iebèlè Camp, 2250 m.), *A. bradleyi* (Mist Camp, 1800 m.), *A. biornata* (Iebèlè Camp, 2250 m.), *A. nephelopa* (Moss Forest Camp, 2600-2800 m.). (Ecophoridæ) *XYLESTHES* (monobasic), *X. asper* (Moss Forest Camp, 2600-2800 m.); *ACRIOTES* (monobasic), *A. saprocarpodes* (Sigi Camp, 1500 m.); *Hypercallia sarcodes* (Araucaria Camp, 1800 m.); *EUZELOTICA* (monobasic), *E. acrosperma* (Moss Forest Camp, 2800 m.); *Chezala cathara* (Moss Forest Camp, 2850 m.); *Epicurica cinnamomea* (Moss Forest Camp, 2600-2800 m.), *E. bilineata* (Moss Forest Camp, 2600-2800 m.), *E. nebuligera* (Araucaria Camp, 800 m.), *E. hystata* (Scree Valley Camp, 3800 m.); *EUHYLECCETES* (monobasic), *E. rhodophylla* (Moss Forest Camp, 2600-2800 m.); *Cormotypha leucobrysa* (Moss Forest Camp, 2600-2800 m.); *Antipala copiara* (Letterbox Camp, 3600 m.); *Machœritis epidela* (Rattan Camp, 1200 m.); *Ocystola fumosa* (L. Habbema, 3250-3300 m.); *Tonica nigrimarginata* (Bernhard Camp B, 100 m.). (Orneodidæ) *Orneodes eudasyis* (Iebèlè Camp, 2250 m.), *O. xanthozona* (Iebèlè Camp, 2250 m.), *O. micrographa* (Top Camp, 2100 m.), *O. niphadosema* (Moss Forest Camp, 2200 m.), *O. argyrosodia* (Iebèlè Camp, 2250 m.). (Ægeriida) *Trilobana smaragdina* (Bernhard Camp B, 100 m.); *Melittia gigantea tigrisipes* (Hollandia), *M. amboinensis erythrina* (Araucaria Camp, 800 m.), *M. nepcha xanthodes* (Hollandia); *Paranthrene hyalobrysa* (Araucaria Camp, 800 m.). Keys to genera of Orneodidæ, & to Papuan genera of other families; keys to spp. of genera included in this collection. See review in *Lepid. News*, vol.10: p.176. [P.B.]
- Diakonoff, A., "Records and descriptions of Microlepidoptera (6)." *Zool. Meded.*, Leiden, vol.32: pp.203-210, 7 figs. 24 Dec. 1953. Describes as new *Copromorpha roepkei* (Mt. Pandjangan, 1400 m., near Nongkodjadar, E. Java), *C. phytochroa* (Nongkodjadar, 1200-1300 m., E. Java). Notes on relationships of Copromorphidæ. [P.B.]
- Diakonoff, A., "Over de classificatie van de zogenaamde Microlepidoptera" [in Dutch; English summary]. *Ent. Berichten*, vol.15: pp.158-160. 1 June 1954. Developments in classification summarized & neglect of higher categories deplored. [P.B.]
- Diakonoff, A., "Records and descriptions of Microlepidoptera (7)." *Zool. Verhandel.*, Leiden, no.22: 58 pp., 3 pls., 26 figs. 10 March 1954. Revision of supergenus *Lobesia* (new status) (Olethreutinae) with special reference to spp. of S. Asia. Group includes genera *Paralobesia* & *Lobesia*, latter with subgenera *APOLOBESIA* (type *Lobesia sitopbaga*), *LOMASCHIZODES* (type *Grapholitha extrusana*), *Lomaschiza*, *Polychrosis*, *Lobesia*, & *LOBESIODES* (type *Sericoris euphorbiana*). Describes as new

- L. (Lomaschiza) albotegula* (Ranu Darungan, 820 m., S. slope of Mt. Smeru, Tengger Mts., E. Java), *L. (Lomaschiza) rhombophora* (Pasuruan, E. Java; larva on *Pluchea indica*), *L. (Lomaschiza) relicta* (Buitenzorg, 250 m., W. Java), *L. (Lomaschiza) montana* (Mt. Gedé-Pangerango, Tjibodas, 1400 m., W. Java), *L. (Lomaschiza) ultima* (Buitenzorg, 250 m., W. Java); *L. (Lobesia) ambigua* (Nongkodjadar, 1300 m., Tengger Mts., E. Java), *L. (Lobesia) lithogonia* (Buitenzorg, 250 m., W. Java). Redescribes some other spp. Lists spp. whose subgeneric placement is uncertain & spp. doubtfully or erroneously assigned here. Describes morphology of group (particularly genitalia) & suggests course of phylogeny. [P.B.]
- Diakonoff, A., "Microlepidoptera from Sumba. Part 2." *Verhandl. Naturforsch. Ges. Basel*, vol.67: pp.55-61, 2 figs. 30 June 1956. Describes as new *Lobesia (Lobesia) minuta* (Lokojengo, central Sumba), *L. (L.) sutteri* (Melolo, E. Sumba). Records of 6 other spp. in *Lobesia* & *Bactra*. [P.B.]
- Diakonoff, A., "Records and descriptions of Microlepidoptera (8)." *Zool. Verhandl., Leiden*, no.29: 60 pp., 57 figs. 25 April 1956. Revision of *Bactra (Olethreutinae)*, especially spp. from Malayan region. Describes as new *B. (B.) laeligeri* (Amur region, Siberia); *B. (Chiloides) angulata* (Balikpapan, Mentawi R., 50 m., E. Borneo), *B. (C.) patris* (Pasuruan, E. Java), *B. (C.) limitata* (Preanger district, 5000 ft., W. Java), *B. (C.) excelsa* (Bandung, W. Java), *B. (C.) orbiculi* (Balikpapan, Mentawi R., 50 m., E. Borneo), *B. (C.) contraria (Balikpapan)*, Wain R., 50 m., E. Borneo); subgenus *NANNOBACTRA* (type *B. pbaulopa*), *B. (N.) hostilis* (Yokosuka, Funakoshi, Honshu, Japan), *B. (N.) oceani* (Nadi, Fiji Is.). Redescribes available spp., including genotype, *B. lanceolana*. *Noteraula* is also placed as a subgenus of *Bactra*. [P.B.]
- Djakonov, A. M., "Novye pyadenitsy (Lepidoptera, Geometridae) iz kazakhstana i Yuzhnogo Primor'ia" [in Russian; New Geometridae from Kazakhstan and southern Primor'e]. *Ent. Obozrenie*, vol.32: pp.268-278, 8 figs. 1952. Describes as new *Apocolotois (NEOCOLOTOS) almatensis* (Alma-Ata); *ALMABISTON brunnea* (Alma-Ata); *ASPILOBAPTA sylvicola* (S. Primor'e); *METEIMA gilva* (S. Primor'e). New subgenus & genera monobasic. [N.O.]
- Dujardin, F., "Les races de *Melitæa varia* H. S. dans les Alpes Maritimes et la race nova de *Melitæa cyntbia* Hübner" [in French; summary in Esperanto]. *Bull. Soc. Ent. Mulhouse*, 1948: pp.15-16. Feb. 1948. Describes as new *M. v. turiniensis* (Cime de la Calmette), *M. v. barnumi* (near Lac d'Allos, 2400-2700 m.), *M. c. extensa* (Cime de la Calmette). [P.B.]
- Dujardin, F., "Nomenclature et synonymie de certaines espèces de *Zygæna* européennes" [in French]. *Bull. Mens. Soc. Linn. Lyon*, vol.23: pp.245-247. Dec. 1953. Valid names are *loti* (instead of *achilleæ*), *viciæ* (instead of *meliloti*), & *minor* (instead of *scabiosa* auctt. nec Scheven). [P.B.]
- Dumbleton, L. J., "Notes on insects." *N. Z. Ent.*, vol.1: pp.14-15. Sept. 1952. Genitalia of New England specimens previously referred to *Cirphis unipuncta* show them to be *Pseudaletia separata*. [I.C.]
- International Commission on Zoological Nomenclature, "Opinion 483. Determination of the specimen to be accepted as the lectotype of the nominal species *Megathymus aryxna* Dyar, 1905 (Class Insecta, Order Lepidoptera) and matters incidental thereto." *Opin. Decl. Intern. Comm.*, vol.17: pp.41-72. 10 Oct. 1957. Lectotype to be specimen figured in fig.4, pl.69, vol.3 of *Biologia Centrali-Americana* (specimen in British Museum collection); effect apparently is to sink *aryxna* to *neumoegeni*. Megathymidae, *Megathymus*, *yuccæ*, *neumoegeni*, & *aryxna* are placed on appropriate *Official Lists*. [P.B.]

EMPLOYMENT AVAILABLE

Full-time position for curatorial assistant in entomology available at Dept. of Entomology, Univ. of Arizona, Tucson, Arizona, for July 1, 1958, appointment. Duties mainly curatorial but field work included. Applicants must be U. S. citizens. If interested please contact Dr. F. G. WERNER at the above address.