

RECENT LITERATURE ON LEPIDOPTERA

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

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B. SYSTEMATICS AND NOMENCLATURE

- Niculescu, Eugen, "Papilionidae" [in Rumanian]. *Fauna Republicii Populare Romine*, vol. XI, fasc. 5, 103 pp., 8 pls., 32 figs. Academy of Sciences, Bucuresti. 1961. [price 6,40 Lei]. In the introductory part the author describes the taxonomy of all genera of Roumanian Papilionidae with remarks on the exotic species also. In the taxonomic part (pp.41-103) all spp. which occur in Roumania are described. In this country occur: *Papilio machaon*, *Iphiclides podalirius*, *Zerynthia polyxena*, *Z. cerisyi*, *Parnassius mnemosyne*, & *P. apollo*. [J. M.]
- Niculescu, E. V., "Quelques remarques sur *Pieris napi bryoniae* Hbn. (Lep. Pieridae)" [in French]. *Bull. mens. Soc. linn. Lyon*, 30: 232-234. 1961. For the author, *bryoniae* is not a *bona species*, only a subspecies of *P. napi* of the high altitudes. [P. V.]
- Nieuwenhuis, E. J., "On the female of *Charaxes mars* Stgr. 1886 (Lepidoptera, Nymphalidae)." *Ent. Berichten*, 19: 37-40, 2 figs. 1959. Describes & figures ♀♀ of *C. m. mars* (previously unknown) & *C. m. dohertyi* (unique) from Celebes. [P. B.]
- Nieuwenhuis, E. J., "A new subspecies of *Danaus albatus* Zinken (Lepidoptera, Danaidae)." *Ent. Berichten*, 20: 67-68, 1 fig. 1960. Describes as new *D. a. wegneri* (Rana Mese, Flores). [P. B.]
- Nieuwenhuis, E. J., "*Euploea algea melanopa* Röber 1887 (Lepidoptera, Danaidae)" [in Dutch; English summary]. *Ent. Berichten*, 20: 217-218. 1960. On identity of species. [P. B.]
- Nieuwenhuis, E. J., "Over de *Vindula*-species in het oostelijk deel van de Indonesische archipel en op Nieuw-Guinea" [in Dutch; English summary]. *Ent. Berichten*, 22: 69-76, 4 figs. 1962. Describes as new *V. dejone ambonensis* (Ambon), *V. arsinoe moluccana* (Telcwang, Halmahera). Distinguishes the spp. & their races in New Guinea & Indonesia. [P. B.]
- Obraztsov, Nikolaus S., "*OSTHELDERIELLA amardiana*, neue Gattung und Art der Tribus Laspeyresini (Lepidoptera, Tortricidae)" [in German]. *Mitt. münchen. ent. Ges.*, 51: 150-153, 1 pl., 2 figs. 1961. Type locality Sardab Valley, Elburs Mts., 1,000-1,400 m, N. Iran. [P. B.]
- Obraztsov, Nikolaus, "Zwei neue und zwei wenig bekannte palaearktische *Argyroproctae*-Arten (Lepidoptera, Tortricidae)" [in German]. *Mitt. münchen. ent. Ges.*, 51: 154-158, 4 pls. 1961. Describes as new *A. ernstiana* (Akshehir, 1,000 m, Anatolia), *A. pfeifferiana* (Achyrdagh, Bertiz Jaila, 1,800 m, S. Syria). Notes on *A. predotai* & *A. hyperboreana*, with descriptions of ♂ genitalia. [P. B.]

- Obraztsov, Nicholas S., "North American species of the genus *Eana*, with a general review of the genus, and descriptions of two new species (Tortricidae)." *Jour. Lepid. Soc.*, 16: 175-192, 7 figs. 1963. Describes as new *E. (SUBEANA)* (type *canescana*); *E. (Ablabia) subargentana* (17 mi E. of Mayfield, Utah), *E. (A.) idahoensis* (Alturas L., Idaho).
- Okada, Muneo, "The genera *Evippe* and *Stenolechia*, of Japan, with the descriptions of two species of the latter (Lepidoptera: Gelechiidae)." *Trans. Shikoku ent. Soc.*, 7: 41-53, 5 pls. 1961. Describes as new *S. issikiella* (Sakai, Osaka Pref.). Transfers *Recurvaria dorsalis* & *R. syrichtis* to *Evippe*; redescribes these spp. & *S. notomochla*, & describes larvae of the *Evippe* spp. (food plants *Lespedeza* & *Pinus*, respectively). [P. B.]
- Okada, Muneo, "The family Xylorictidae of Japan (Lepidoptera)." *Trans. Shikoku ent. Soc.*, 7: 81-96, 5 pls. 1962. Gives characters of family & of the 4 Japanese genera, keys to genera, & descriptions of 5 of the 8 Japanese spp.; 4 are new to Japan. [P. B.]
- Okano, Masao, "Descriptions of a new species and a new genus of Plusiinae from Japan (Lepidoptera: Noctuidae)." *Insecta matsumurana*, 25: 91-92, 1 fig. 1963. Describes as new *NEOPLUSIA* (monobasic), *N. furihatai* (Fujisaki, Homori Pref., Honshu). [P. B.]
- Oku, Toshio, "A new mint borer of Tortricidae from Japan, with description of a new genus (Lepidoptera: Tortricidae)." *Insecta matsumurana*, 26: 104-107, 2 figs. 1963. Describes as new *ALLOENDOTHENIA* (monobasic), *A. menthivora* (Nokkeushi, Hokkaido); detailed description of larva. [P. B.]
- Oku, Toshio, "Descriptions of two new alpine moths of Archipsini from Japan (Lepidoptera: Tortricidae)." *Insecta matsumurana*, 25: 93-95, 1 fig. 1963. Describes as new *Lozotaenia kumatai* (Nagayamadake, Mt. Daisetsu, Hokkaido); *Clepsis insignata* (Mt. Daisetsu). [P. B.]
- Opler, Paul, & Jerry A. Powell, "Taxonomic and distributional studies on the western components of the *Apodemia mormo* complex (Riodinidae)." *Jour. Lepid. Soc.*, 15: 145-171, 1 pl., 1 fig. "1961" [1962]. Describes as new *A. m. tuolumnensis* (Grand Canyon of the Tuolumne, Calif.), *A. m. dialeuca* (5 mi NE of La Encantada, Sierra San Pedro Martir, Baja Calif.).
- Orfila, Ricardo N., "Las Dalcercidae (Lep. Zygaenoidea) argentinas" [in Spanish]. *Rev. invest. agric.*, 15: 249-264, 1 pl., 12 figs. 1961. Proposes n. subfam. ACRAGINAE. Describes as new *DALARGENTINA* (Acraginae) & type *D. sexquicentenaria* (Parque Nacional Iguazú, Misiones, Argentina); *Dalcera haywardi* (Salta, dep. Orán, Vespucio, Río Aguai, Argentina). Redefines family & Argentine genera (including *Acraga* & *Zaldacra*); redescribes the 3 known Argentine spp. [P. B.]
- Orfila, Ricardo N., "*Morpho breyeri* sp. n. (Lep. Morphidae)" [in Spanish; English summary]. *Rev. Soc. ent. Argentina*, 26: 145-147, 1 pl., 4 figs. 1963. Type locality Caranda, 600 m, prov. Ichilo, dep. Santa Cruz, Bolivia. [P. B.]
- Orfila, Ricardo N., & Sergio Schajovskoy, "Geometridae (Lep.) del Parque Nacional Lanin (Argentina). III. Géneros y especies nuevos de Ennominae" [in Spanish; English summary]. *Physis*, 24: 1-10, 3 pls. 1963. Describes as new *MARTINDOELLOIA*, & type *M. juradoi* (Pucará); *FRANCISCOIA*, & type *F. morenoi* (Pucará); *DAGOSTINIA*, & type *D. fasciata* (Pucará); all from Lanin National Park, Neuquen Prov., Argentina. [P. B.]
- Ōta, Kyōzō, & Hiroyuki Kusunoki, "*Strymonidia*-butterflies of Shikoku, with the description of a new species." *Trans. Shikoku ent. Soc.*, 5: 101-103, 1 pl. 1957. Describes as new *S. iyonis* (Mt. Saragamine, Ehime-ken, Shikoku). Records & figures of *S. w-album fentoni* & *S. mera*. [P. B.]
- Paclt, Jiri, "Genera of the Hepialidae (Insecta, Lepidoptera)." *Jour. Asiatic Soc.*, 19: 141-148. 1953. Agrees (with Eltringham and Ford) that importance of genital armature is overrated as a taxonomic criterion. Attempt to revise generic classification with a key that omits 3 little-known genera. Designates *Hepialus ammon* Wallg. as type of new genus *EUDALACINA*. List of new generic syn-

- onymy of Hepialidae. Includes a brief correction to his diagnosis of *Lossbergiana pseudodimata* that appeared in *Tijdschr. Ent.*, 91: 149–152. [J. D.]
- dos Passos, Cyril F., "Taxonomic notes on some Nearctic Rhopalocera. 2. Papilionoidea." *Jour. Lepid. Soc.*, 15: 209–225. "1961" [1962].
- dos Passos, Cyril F., "The authorship of three scientific names of Nearctic Rhopalocera variously credited to Boisduval or Lucas." *Jour. Lepid. Soc.*, 16: 45–46. 1962.
- dos Passos, Cyril F., "The dates of publication of the *Histoire Générale et Iconographie des Lépidoptères et des Chenilles de l'Amérique Septentrionale*, by Boisduval and Le Conte, 1829–1833[–1834]. *Jour. Soc. Bibliogr. nat. Hist.*, 4: 48–56. 1962. Gives probable dates of publication of 26 parts & of 5 generic & 29 specific names proposed in the work. [P. B.]
- dos Passos, Cyril F., "*Calephelis* Grote and Robinson, 1869 (Insecta, Lepidoptera): proposed use of the Plenary Powers to designate a type-species in conformity with current usage." *Bull. zool. Nomencl.*, 20: 313–320. 1963. Proposes naming *virginensis* as type, and suppressing *Nymphidia* & *Lephelisca*. [P. B.]
- dos Passos, Cyril F., "Supplemental notes to previous taxonomic notes on some Nearctic Rhopalocera." *Jour. Lepid. Soc.*, 17: 103–104. 1963.
- dos Passos, Cyril F., "A synonymic list of the Nearctic Rhopalocera." *Mem. Lepid. Soc.*, no.1, 145 pp. 1964. See Review by F. M. Brown, *Ent. News*, 75(5): 138–140.
- Pastrana, José A., "Una especie nueva de Lyonetiidae de la Argentina (Lepidoptera)" [in Spanish; English summary]. *Acta zool. lilloana*, 17: 217–219, 2 figs. "1959" [1960]. Describes as new *Phyllocnistis bourquini* (Tigre, Prov. Buenos Aires; reared from *Tessaria integrifolia*). [P. B.]
- Petersen, Björn, "The male genitalia of some *Colias* species." *Jour. Res. Lepid.*, 1: 135–156, 4 pls., 6 figs. 1963. Gives a general description of ♂ genitalia in *Colias* & *Protocolias* & discusses variation in some quantitative characters. Gives a key to these genera, the subgenera *Colias* & *Mesocolias*, & some 35 spp. (not all completely separable). Discusses phylogeny of genus. Figures genitalia of 34 spp. of *Colias* & related genera. It is not clear whether *Protocolias* (type *imperialis*) and *C. (Mesocolias)* (type *vautieri*) are new in this paper. [P. B.]
- Petersen, Günther, "Identity, synonymy and generic position of *Tinea confusella* H.-S. (Lep., Tineidae)." *Ent. Gazette*, 12: 117–120, 5 figs. 1961. *Obesocera confusellum* (= *O. danubiellum*, *O. nigrescens*). *T. "confusella"* of Pierce & Metcalfe is *Infurcitinea captans*; *T. "confusella"* of Petersen, 1957 is renamed *Infurcitinea banatica*. [P. B.]
- Petersen, Günther, "Zur Taxonomie und Verbreitung der paläarktischen *Nemapogon*-Arten (Tineidae)" [in German]. *Acta Soc. ent. Českosloveniae*, 58: 272–283, 13 figs. 1961. As new are described *N. orientalis* (Beyrouth and Shar Devesy) and *N. levantinus* (Shar Devesy, Haleb); new synonyms: *N. granellus* (= *T. fuscicomella* Staudel in Wörz), *N. flavifrons* Pet. (= *N. kabulianus* Gozm.), *N. agenjoi* Pet. (= *hispanellus* Gozm.). [J. M.]
- Petersen, Günther, "Ergebnisse der Albanien-Expedition 1961 des Deutschen Entomologischen Institutes. 3. Beitrag. Lepidoptera: Tineidae" [in German; English & Russian summaries]. *Beitr. Ent.*, 13: 1–20, 4 figs., 1 map. 1963. Describes as new *Infurcitinea albanica* (Kula e Lumës, Albania). Describes ♀ of *Novotinea carbonifera*; figures genitalia of *Monopis montimella*. List of 44 spp. known from Albania, with records, known distribution, & notes on biology. [P. B.]
- Petersen, Günther, "Revision der paläarktischen Arten der Gattung *Catabola* Durr. (Lepidoptera: Tineidae)" [in German; English & Russian summaries]. *Beitr. Ent.*, 13: 168–175, 2 pls. 1963. Sinks *Aphrodoxa* to *Catabola*; *Petersenia* to *Catabola* (*Tineomorpha*); *C. perplexa* to *C. (Crassicornella) zernyi*. Key to subgenera (including *Lazocatena* & *Praelongicera*) and 16 spp. [P. B.]
- Petersen, Günther, "2. Beitrag zur Kenntnis der Tineiden von Afghanistan (Lepidoptera:

- Tineidae)" [in German; English & Russian summaries]. *Beitr. Ent.*, 13: 176–188, 1 pl., 7 figs., 3 maps. 1963. Describes as new *Infurcittinea nuristanica* (Nuristan: Bashgul Valley, 1,150 m.). Records of 16 spp., with some descriptive notes and new synonymy. List of the 25 spp. known from Afghanistan. [P. B.]
- Petersen, Günther, "Zur systematische Stellung von '*Tinea moeniella* Rössler, 1877' (Lepidoptera: Tineidae)" [in German; English & Russian summaries]. *Beitr. Ent.*, 14: 391–393. 1964. Type series includes *Lichenivora nigripunctella* & *Eumasia parietariella*. Sinks *moeniella* to former name; notes on these spp. & on *L. rhenania* (= *nigripunctella* auctt.). [P. B.]
- Petersen, Günther, "Zweiter Beitrag zur Kenntnis der geographischen Verbreitung der Tineiden auf der Iberischen Halbinsel (Lepidoptera: Tineidae)" [in German; English & Russian summaries]. *Beitr. Ent.*, 14: 395–420, 10 figs. 1964. Describes as new *Novotinea anadalusiella* (Lanjaron, Prov. Granada, Spain). Annotated list of the 60 spp. known from Spain & Portugal, with some systematic notes & figures of genitalia, and survey of parts of Peninsula where collections have been made. [P. B.]
- Pierce, F. N., & J. W. Metcalfe, *The genitalia of the group Tortricidae of the Lepidoptera of the British Isles*. xxii + 101 pp., 34 pls. Reprint, 1960: E. W. Classey. See review in this *Journal*, 15: 127–128.
- Pinker, Rudolf, "Biologische Notizen über mazedonische Noctuiden (Lepidoptera, Noctuidae)" [in German]. *Nachrichtenbl. bayer. Ent.*, 12: 97–100, 106–111, 125–127; 23 figs. 1963. Notes on early stages of *Polyphaenis subsericata*, *Cosmia rhodopsis*, *Plusia chlorcharis*, *Blepharita leuconota*, *Episema lederi*, *E. trimacula*, *E. korsakovi*, & *Eugnorisma pontica*. Gives first description of ♀ of *P. chlorcharis*. [P. B.]
- Pinker, Rudolf, "Interessante und neue Funde und Erkenntnisse für die Lepidopterenfauna der Kanaren II" [in German]. *Zeitschr. weiner ent. Ges.*, 48: 183–190, 4 pls., 8 figs. 1963. Describes as new *Mythimna saucesa* (Barranco de Agua, La Palma); *Cataclysmia grandis lapalmai* (Barranco de Agua, La Palma), *C. g. grancanariae* (Telde, Gran Canaria). Describes early stages of *C. grandis*, *Episauris kiliani*, & *Sterrhia charitata*, & larva of *S. vilaflorensis*. Names "forms" of *C. grandis* & *E. kiliani*. [P. B.]
- Povolný, Dalibor, "GNORIMOSCHEMINI trib. nov.—eine neue Tribus der Familie Gelechiidae nebst Bemerkungen zu ihrer Taxonomie" [in German; Czech summary]. *Acta Soc. ent. Českosloveniae*, 61: 330–359, 14 pls. (3 in color). 1964. New taxa: SCROBIPALPULA (type *S. psilella* H.-S.); OPACOSIS subgen. nov. (type *O. inustella*); *Ephysteris treskensis* (Treska Valley, S. Yugoslavia); *Scrobipalpa obsoletella hospes* (Vredendal, S. Africa), *S. erichi* (Tighina, USSR; paratypes from Jericho, Israel & Budapest, Hungary), *S. soffneri* (Nessebar, Bulgaria). New synonyms: *Gnorimoschema pazzizkyi* Rebel (= *Phthorimaea tengstroemi* Hackman); *Scrobipalpa suadella* Richardson (= *P. flavidorsella* Amsel), *S. gallincolella* (Mann) (= *G. philolycii* Hering = *G. reisseri* Gregor & Povolný), *S. intestina* (Meyrick) (= *G. mirabile* Gregor & Povolný). [J. M.]
- Povolný, Dalibor, "Resultate einiger Typenuntersuchungen aus der Familie Gelechiidae" [in German; Czech summary]. *Acta Soc. ent. Českosloveniae*, 61: 53–57, 8 figs. 1964. The types of following spp. are revised: *Neofriseria singula* (Staudinger), *Gelechia scotinella* H.-S., *G. senticetella* (Staudinger), *Apraerema anthyllidella* (Hb.). Genitalia are figured. Discusses synonymy. [J. M.]
- Povolný, Dalibor, & Josef Moucha, "Zur taxonomischen Klärung von *Narraga tessularia* ilia Whli. nebst einigen Bemerkungen zu dieser Gattung" [in German; Czech summary]. *Acta Soc. ent. Českosloveniae*, 59: 152–155, 2 pls. 1962. New taxonomic research on *N. t. ilia* & *N. cappadocica* Herbulot. Genitalia & imagines are figured. [J. M.]
- Powell, Jerry A., "Notes on the California species of the genus *Pyla* Grote (Lepidoptera: Pyralidoidea)." *Pan-Pacific Ent.*, 35: 109–114, 4 figs., 1 map. 1959.

- Describes previously unknown ♀ of *P. nigricula*. Sinks *P. sylphiella* to *P. scintillans*. Notes on characters & distribution of these spp. & *P. viridisuffusella*. [P. B.]
- Powell, Jerry A., "Descriptions of new species of *Argyrotaenia* in the southwestern United States (Lepidoptera: Tortricidae)." *Pan-Pacific Ent.*, 36: 83-97, 12 figs. 1960. Describes as new *A. cupressae* (Los Angeles, Calif.; reared from *Cupressus sempervirens*), *A. beyeria* (Berkeley, Alameda Co., Calif.), *A. paiuteana* (Rock Creek, 1 mi. W. of Tom's Place, Mono Co., Calif.), *A. lautana* (Camp Baldy, San Bernardino Mts., Calif.), *A. burnsororum* (Madera Canyon, 5,800 ft., Davis Mts., Texas), *A. graceana* (Hathaway Creek, San Bernardino Mts., Calif.), *A. martini* (Pine Crest, Mt. Graham, Pinaleno Mts., Graham Co., Ariz., 7,300 ft.). [P. B.]
- Powell, Jerry A., "Taxonomic and biological observations on *Pseudexentera habrosana* (Heinrich) (Lepidoptera: Tortricidae)." *Pan-Pacific Ent.*, 37: 203-209, figs. 1961. This species has been confused with *P. oregonana* in collections; the previously unknown female and larva are described.
- Powell, Jerry A., "Taxonomic studies on the *Acleris gloverana-variana* complex, the black-headed budworms (Lepidoptera: Tortricidae)." *Canad. Ent.*, 94: 833-840, figs. 1962. *A. variana* is limited to the eastern portion of North America; western populations are assigned to *A. gloverana*, originally described from northern California. Differences include genitalic structure and genital scaling associated with oviposition.
- Powell, Jerry A., "Two previously undescribed species of Canadian Archipsini, with a report of the genus *Lozotaenia* Stephens in North America (Lepidoptera: Tortricidae)." *Canad. Ent.*, 94: 841-845. 1962. Describes as new *Archippus tsuganus* (Knight Inlet, B.C., Canada; reared from *Tsuga*), *Lozotaenia hesperia* (Dawson, Yukon, Canada, 1,100 ft.).
- Powell, Jerry A., "Biological and taxonomic notes on two California species of *Proteoteras* (Lepidoptera: Tortricidae)." *Pan-Pacific Ent.*, 38: 191-195. 1962. Male genitalia of *P. arizonae* (previously unrecorded from California) are similar to *P. obnigrana* Heinrich rather than that figured by Heinrich from New Mexico. Revised key to larvae is given.
- Powell, Jerry A., "Records and description of some interesting species of *Eucosma* in California (Lepidoptera: Tortricidae)." *Proc. Biol. Soc. Wash.*, 76: 235-246. 1963. Describes as new, *E. langstoni* (Pozo, San Luis Obispo Co., Calif.), *E. williamsi* (Oakland Hills, Alameda Co., Calif.; reared from *Baccharis pilularis*); distributional notes on other spp.
- Powell, Jerry A., "Biological and taxonomic studies on tortricine moths, with reference to the species in California (Lepidoptera: Tortricidae)." *Univ. of Calif. Publ. Ent.*, vol. 32, 318 pp., 108 figs., 8 plates, 14 maps. 1964. A summary of biologies, geographical distribution, and phylogenetic relationships of and within the Tortricinae, based on observations on the Calif. spp. and on literature for the Nearctic fauna. Comparative biology reveals criteria available for comparison of the three North American tribes of the subfamily. The Archipini is considered to be the most divergent of the three from a presumed ancestral type. Behavioral characteristics of this tribe and the so-called Sparganothinae strongly suggest that the latter group is more closely related to the Archipini than are the Cnephasiini and Tortricini. This confirms the proposal of tribal status for the sparganothines, based on larval characters, by MacKay (1962, *Canad. Ent. Suppl.* 28). About 35% of the Nearctic fauna, some 57 species, are treated from California, including four spp., and two subsp. described as new: *Acleris keiferi* (San Francisco; reared from *Rubus vitifolia*), *A. paracinderella* (Nevada Co.; reared from *Prunus*), *A. aenigmata* (Truckee, Nevada Co.), *Choristoneura lambertiana californica* (Anderson Springs, Lake Co.), *Argyrotaenia franciscana insulana* (Anacapa Island, Ventura Co.), *A. isolatissima* (Santa Barbara Island, Los Angeles Co.).
- Powell, Jerry A., "A review of *Griselda* Heinrich, with descriptions of a related new genus and two species (Lepidoptera: Tortricidae)." *Pan-Pacific Ent.*, 40: 85-97, figs. 1964. Describes as new CHIMOPTESIS (type *C. chrysopylla*, n. sp., San

- Francisco, Calif.), *C. matheri* (Clinton, Hinds Co., Miss.); transfers *Griselda gerulae* Heinrich, 1923, and *G. pennsylvaniana* (Kearfott), 1907, to *Chimoptesis*, and *Eucosma hypsidryas* Meyrick, 1925, to *Griselda*.
- Powell, Jerry A., "Supplementary notes on North American and Mexican species of *Decodes* and *Argyrotaenia*, with descriptions of new species (Lepidoptera: Tortricidae)." *Proc. Biol. Soc. Wash.*, 78: 65-80, figs. 1965. Describes as new *Decodes lundgreni* (Twain Harte, Tuolumne Co., Calif.), *D. australis* (Jocoque Dam, Aguascalientes, Mexico), *Argyrotaenia lignitaenia* (Pinyon Flat, Riverside Co., Calif.); treats *A. beyeria* Powell, 1960, as subspecies of *A. cupressae* Powell, and *A. lautana* Powell, 1960, as a subspecies of *A. dorsalana* (Dyar); notes on distribution and variation in other spp.
- Razowski, Józef, "European species of Cnephasiini (Tortricidae)" [in English; Russian & Polish summaries]. *Acta zool. cracov.*, 4: 179-321, pls. xvii-lxvii. 1959. New spp. & forms are described: *Cnephasia* (*Cnephasia*) *sareptana* (Sarepta, USSR); *C. (Anoplocnephasia) minima* (Mostar, Yugoslavia); *Eana incognitana* (Engadin, Switzerland), *E. jaeckhi* (Ecully), *E. rundiapicana* (Bomich), *E. herzegovinae* (Bisina, Hercegovina, Yugoslavia), *E. penziana fiorana* (Mte. Portella, Abruzzo, Italy); and a new "form." Very important revision of Cnephasiini of Europe. Imagos and genitalia are figured. [J. M.]
- Razowski, Józef, "Studies on the Cochylidae. Part II. The genera of the Palearctic Cochylidae" [in English; Polish summary]. *Bull. ent. Pologne*, 30: 281-356, 146 figs. 1960. A number of new genera and subgenera are described (types in parentheses): *OBRAZTSOVIANA* nom. nov. (*Tortrix maculosana*); *PARAHYSTEROSIA* subgen. nov. (*Cochylis simoniana*); (*SUBSTENODES* subgen. nov. (*Cochylis pontana*); *PARASTENODES* subgen. nov. (*Cochylis meridiana*); *EUSTENODES* subgen. nov. (*Euxanthis dorsimaculana*); *BIPENISIA* subgen. nov. (*Cochylis jucundana*); *CERATOXANTHIS* gen. nov. (*Cochylis argentomixtana*); *EUXANTHOIDES* gen. nov. (*Tortrix straminea*); *BLESZYNSKIELLA* subgen. nov. (*Tortrix alternana*); *PARAXANTHOIDES* subgen. nov. (*Cochylis chamomillana*); *PROCHLIDONIA* gen. nov. (*Tortrix amiantana*); *CRYPTOCOCHYLIS* gen. nov. (*Cochylis conjunctana*); *LONGICORNUTA* gen. nov. (*Cochylis phaleratana*); *NEOCOCHYLIS* subgen. nov. (*Cochylis calavrytana*); *PARACOCHYLIS* subgen. nov. (*Cochylis amoenana*); *BREVICORNUTIA* subgen. nov. (*Cochylis pallidana*). The family Cochylidae (= Phalonidae) contains in the Palearctic region 24 genera of which 5 are described as new. From the taxonomic point of view an important study of this family. Heads, venation, and genitalia are figured. [J. M.]
- Razowski, Józef, "Studies on the Cochylidae. Part III. On some studies from the collection of Dr. S. Toll" [in English; Polish summary]. *Bull. ent. Pologne*, 30: 397-402, 10 figs. 1960. Describes as new *Phalonidia tolli* (Manchuria, Djalantun, Prov. Kirin) and *Eupoecilia citrinana* (Manchuria, Hsiaoling, Prov. Kirin); many new combinations. *Phalonidia chlorolitha* (= *Phalonia azyga*, n. syn.). Describes also two "forms" of *Cochylidia subroseana*. Types & their genitalia are figured. [J. M.]
- Razowski, Józef, "The genitalia of some Asiatic Tortricidae described by E. Meyrick" [in English; Polish summary]. *Bull. ent. Pologne*, 30: 381-396, 22 figs. 1960. The genitalia are described & figured. All 19 types examined belong to the Paris Museum. Describes as new *LASPEYRESINIA* (type *Eucosma metacritica*) and *CHOGANHIA* (type *Argyroploce sphaerocopa*). A number of new combinations. [J. M.]
- Razowski, Józef, "Etude des types de tordeuses de M. D. Lucas et P. Réal" [in French]. *Bull. Mus. nat. Hist. nat.*, Paris, ser. 2, 32: 528-535. "1960" [1961]. Study of the types of spp. of leafrollers described by these authors; many taxa are synonyms. [P. V.]
- Razowski, Józef, "Studien über die Cochylidae (Lepidoptera). Teil V. Cochylidae-Typen in Naturhistorischen Museum in Wien" [in German]. *Zeitschr. wiener ent.*

- Ges.*, 46: 23–28, 14 figs. 1961. Notes on 28 types, giving label data, generic assignment, & brief descriptions or figures of genitalia. [P. B.]
- Razowski, Józef, "Studies on Cochyliidae. Part VI. Remarks on the types of some Cochyliidae" [in English; Polish summary]. *Bull. ent. Pologne*, 31: 301–319, 36 figs. 1961. Describes as new *PROHYSTEROPHORA* (type *Cochylis chionopa*) and *Euxanthoides hannemanni* (Israel: Jordan Valley and Jerusalem). Many new combinations & new synonyms. [J. M.]
- Razowski, Józef, "Two new species and one new subspecies of the genus *Cnephasia* Curt. (Tortricidae)" [in English; Polish summary]. *Bull. ent. Pologne*, 31: 105–107, 4 figs. 1961. Describes as new *C. jozefi* (Aflou, Prov. Oran), *C. tremewani* (Sidi-bel-Abbès, Prov. Oran), and *C. sareptana alatauana* (Ala Tau Mts. and Aremnia, Eriwan). The genitalia of all new forms are described and figured. [J. M.]
- Razowski, Józef, & Tosiro Yasuda, "Description of new Japanese *Acleris*-species (Lepidoptera, Tortricidae)" [in English; Japanese summary]. *Trans. Lepid. Soc. Japan*, 14: 80–89, 36 figs. 1963. Describes as new *A. simplex* (Tokusawa, Nagano Pref.), *A. hokkaidana* (Hokkaido), *A. electrina* (Kasugayama, Nara Pref.), *A. crassa* (Hosono, Nagano Pref.), *A. phantastica* (Sigakooen, Nagano Pref.), *A. ophthalmica* (Sigakooen), *A. takeuchii* (Ikeno, Gifu Pref.), *A. roxana* (Takayama, Gifu Pref.); *A. ulmicola* is a good species. [P. B.]
- Rebillard, P., "Révision systématique des lépidoptères nymphalides du genre *Agrias*" [in French]. *Mém. Mus. nat. Hist. nat.*, n.s., A, *Zool.*, 22: 157–254, 1 col. pl., 2 pls. 1961. Study of the morphology and the geographical distribution of the genus *Agrias*. Bibliography of the 300 and more names included in this genus. [P. V.]
- Reisser, Hans, "*Hyphantria cunea* Drury in Europa (Lepid., Arctiidae) (Der 'amerikanische Webebär')" [in German]. *Zeitschr. wiener ent. Ges.*, 45: 51–61. 1960. Discusses problem of correct name for form found in Europe, concluding that *textor* is merely an extreme pale variant. Translates Drury's and Harris's descriptions. Surveys literature on occurrence and biology in Europe, with comments. [P. B.]
- Reisser, Hans, "Beiträge zur Kenntnis der Sterrhinae (Lep., Geom.) V. Was ist *Sterrha dilutaria praeustaria* Lah. (Mann i.l.)?" [in German]. *Zeitschr. wiener ent. Ges.*, 47: 21–24. 1962. Describes as new *S. d. illyrica* (Illyria, Tergeste, Cerovlje); "praeustaria" is a "form." [P. B.]
- Reisser, Hans, "*Ocneria eos* sp. nov., eine neue Lymantriide aut Kreta (vorläufige Beschreibung)" [in German]. *Nachrichtenbl. bayer. Ent.*, 11: 9–10, 3 figs. 1962. Type locality Genni Gavé, N. Crete. [P. B.]
- Reisser, Hans, "Weitere neue Heteroceren aus Kreta" [in German]. *Zeitschr. wiener ent. Ges.*, 47: 193–216, 4 pls., 9 figs. 1962. Describes as new *Axia vaulogeri nesioti* (Assites, 800 m.); *DANIELOSTYGIA* (monobasic), *D. persephone* (Wurwulitis); *Phragmacossia albida minos* (Knossos); *Cryphia rectilinea insulicola* (Assites, 500 m.), *C. raptricola cretica* (Ida, Silva Rouva, 1,300 m.); *Phragmatoecia erschoffi* ("Buchara Haus —"). Redescribes *Ocneria eos*. Comparative notes on *Phragmacossia* spp. & *Phragmatoecia*. Notes on *Cosymbia ariadne* & *Dyscia crassipunctaria* (names a fall generation). List of recent additions to the fauna of Crete. [P. B.]

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