

RECENT LITERATURE ON LEPIDOPTERA

(Under the supervision of PETER F. BELLINGER)

B. SYSTEMATICS AND NOMENCLATURE

- Stallings, Don B., & J. R. Turner, "A new species of *Agathymus* and a new sub-species of *Megathymus* (Lepidoptera, Rhopalocera, Megathymidae)." *Ent. News*, vol.71: pp.109-115, 2 pls. 1960. Describes as new *A. freemani* (near Bagdad, Ariz.; foodplant *Agave "deserti"*); *M. yuccæ browni* (Salina, Utah; foodplant *Yucca harrimaniae*). [P. B.]
- Stempffer, H., "Description d'un lycène nouveau de la faune malgache" [in French]. *Naturaliste malgache*, vol.2: pp.131-133, 2 figs. 1950. *Eicochrysops pauliani*, a new lycaenid from Madagascar (Tsaratanana Mt.). [P. V.]
- Stempffer, H., & N. Bennett, "Révision des genres appartenant au groupe des *Iolaus* (Lep. Lycænidae)" [in French]. *Bull. Inst. franç. Afrique noire*, (A), vol.20: pp.1243-1347; vol.21: pp.227-235; 199 figs. 1958-59. Very important paper on the revision of the genera belonging to the *Iolaus* group. After a history of the genera and an indication of the method of study, the authors give a key to the subgenera of *Iolaus*; after this key every subgenus with the species and subspecies are successively studied. The presentation is not correct; the names of subgenera are not in parentheses and appear like names of genera. For example, p.1255, in *Hemiolaus cæculus*, *Hemiolaus* is used in this paper for a subgenus, not a genus. The correct form is *Iolaus* (*Hemiolaus*) *cæculus* according to the *Règles*. The following taxa are described (correct form indicated): *I. (Stugeta) bowkeri ethiopica* (Ethiopia, Harrar), *I. (S.) b. occidentalis* (Sierra Leone, Batkanu); *I. (Argiolaus) lalos kigezi* (Uganda, Kigezi), *I. (A.) crawshayi nyanzæ* (Kenya, Mumias), *I. (A.) c. elgonæ* (Kenya, Mt. Elgon), *I. (A.) c. niloticus* (Uganda, Metu Hills), *I. (A.) c. littoralis* (Kenya, Mombasa); *IOLAPHILUS* n. subgen. (type *menas* H. H. Druce), *I. (Iolaphilus) maritimus* (Kenya, Kilifi), *I. (Iolaphilus) ndolæ* (N. Rhodesia, Ndola), *I. (Iolaphilus) vansomeri* (Uganda, Metu Hills), *I. (Iolaphilus) æquatorialis* (Uganda, Katera), *I. (Iolaphilus) cottrelli* (Uganda, Kamengo), *I. (Iolaphilus) kayonza* (Uganda, Kigezi); *PHILIOLAUS* n. subgen. (type *parasilanus* Rebel), *I. (P.) parasilanus maesseni* (Br. Togo, Ho); *I. (Epamera) mimosæ rhodosense* (S. Rhodesia, Umtali), *I. (E.) aphnæoides mafugæ* (Uganda, Kigezi); *I. (E.) moyambina* (Sierra Leone, Moyamba), *I. (E.) longicauda* (Nigeria, Ikom), *I. (E.) dubiosa* (Tanganyika, Amani), *I. (E.) penningtoni* (S. Rhodesia, Hot Springs); *ETESIOLAUS* n. subgen. (type *catori* Bethune-Barker). [P. V.]
- Štys, Pavel, "On the lepidopterous nature of the previously dipterous genus *Dahlica* Enderlein 1912 (Lepidoptera, Psychidæ—Diptera, Fungivoridæ)" [in English; Czech summary]. *Acta Soc. ent. čechosloveniae*, vol.57: pp.76-83. 1960. Very important taxonomic study about Psychidæ. The genus *Dahlica*, classified previously in Fungivoridæ, is transferred to Psychidæ. The subfamily Dahlicinæ must be considered as synonymous to "Psycheoidinæ", *sensu* Kozhanchikov 1936. *Dahlica* in all probability is synonymous to *Solenobia*. [J. M.]
- Thompson, W. R., "The interpretation of taxonomy." *Proc. 10th internat. Congr. Ent.*, vol.1: pp.61-73, 3 figs. 1958. Suggests that the complex interrelationships of species can better be explained by a fixed type system than by phylogeny. The author's argument is interesting, but he confuses gaps in zoological knowledge with gaps between types, and his mathematical explanation of a series of discrete types analogous to the periodic table of elements is no substitute for a causal explanation of organic diversity. [P. B.]
- Tiedemann, Oswald, "*Vitula serratilella* Ragonot (Lep. Pyralidæ). Ein in Europa heimisch gewordener nordamerikanischer Kleinschmetterling" [in

- German]. *Zeitschr. wiener ent. Ges.*, vol.43: pp.282-286, 2 pls. 1958. Sinks *Moodna bombylicolella* to this North American species which is established around Hamburg, where it was apparently introduced with dried fruit during the last 20 years. Regards the sp. as distinct from *V. edmandsæ* on grounds of differences in external appearance & biology. [P. B.]
- Tilden, J. W., "Studies in the genus *Ochlodes* Scudder II. The type material of the North American species (Lepidoptera: Hesperiidæ)." *Ent. News.* vol.72: pp.37-45. 1961. Types of Boisduval's spp. are in the British Museum; lectotypes of Edwards' spp. are selected from material in the Carnegie Museum & University of Kansas Museum; a neotype of *O. yuma* (Edw.) is designated & will be deposited in the Carnegie Museum. The types of *francisca* & *amanda* Plötz cannot be located, & the application of the names is uncertain. [P. B.]
- Tindale, N. B., "Revision of the ghost moths (Lepidoptera Homoneura, family Hepialidæ) part VII." *Rec. South Australian Mus.*, vol.13: pp.157-197, 8 pls., 35 figs. 1958. Describes as new *Endoclyta paraja* (?Borneo), *E. aikasama* (Java), *E. aurifer* (Java), *E. broma* (Java), *E. salvazi* (Laos), *E. aoura* (Sumatra), *E. raapi* (Nias), *E. topeza* (Laos), *E. warawita* (N. Borneo), *E. williamsi* (Los Banos, Philippine Is.), *E. taranu* (Sumatra), *E. hosei* (Sarawak), *E. kara* (Java), *E. ijereja* (Borneo). Figures types & ♂ genitalia. [I. C.]
- Tite, G. E., "On three new species of the genus *Syntarucus* from the African region (Lepidoptera, Lycenidæ)." *Entomologist*, vol.91: pp.189-191, 1 pl. 1958. Describes as new *S. brevidentatus* (W. shore of L. Manyara, Tanganyika), *S. casca* (Anjouan Is., Comoro Islands), *S. mayottensis* (Mayotte, Comoro Islands). [P. B.]
- Tite, G. E., "New species of, and notes on, the genus *Lepidochrysops* (Lepidoptera, Lycenidæ)." *Entomologist*, vol.92: pp.158-163, 6 figs. 1959. Describes as new *L. albilinea* (Bahr el Ghazal), *L. ansorgei* (Bange Ngola, Angola), *L. flavisquamosa* (Zambezi-Congo Divide, Moxico Distr., SE Angola), *L. nigritia* (Raga, S. Bahr el Ghazal), *L. ringa* (Ringa, N. Nigeria). Notes on *L. æthiopia* & *L. naidina*. [P. B.]
- Tite, G. E., "The genus *Catachrysops*, Lepidoptera, Lycenidæ." *Entomologist*, vol.92: pp.201-212, 2 pls., 8 figs. 1959. Describes as new *C. strabo luzonensis* (Montalban, Rizal, Luzon), *C. s. celebensis* (Macassar), *C. panormus andamanica* (Port Blair), *C. p. batchiana* (Batjan), *C. p. papuana* (Kumisi R., NE Br. New Guinea), *C. p. pura* (Isabel Is., Solomons), *C. p. argentata* (Guam), *C. p. timorensis* (Dili, Timor), *C. p. cærulea* (New Hebrides), *C. nubila* (Ysabel Is.). Revision of genus; all forms grouped in the spp. above except for the monotypic *C. binna*, *C. amasea*, & *C. taitensis*. [P. B.]
- Tite, G. E., "New species of the genus *Lepidochrysops* (Lepidoptera Lycenidæ)." *Entomologist*, vol.94: pp.21-25, 2 pls., 4 figs. 1961. Describes as new *L. cærulea* (Antsianaka, Madagascar), *L. longifalces* (Butler South Farm, 50 mi. S. of Umtali, S. Rhodesia, 5000 ft.), *L. nyika* (Nyika Plateau, Nyasaland), *L. mpanda* (Mpanda, Tanganyika), *L. nacreus* (Nova Lisboa, Angola), *L. fulvescens* (Samba Acenda, Angola), *L. vera* (Kaduna, Nigeria). [P. B.]
- Todd, E. L., "A note on *Acrionicta rapidan* (Dyar) (Lepidoptera, Noctuidæ)." *Proc. ent. Soc. Wash.*, vol.61: p.278. 1959. First U.S. records; sp. distinguished from *A. connecta*, of which it may be a southern race. [P. B.]
- Toll, S., & R. J. Wojtusik, "Revision of the Palearctic forms of the genus *Paratalanta* Meyr. (Pyralidæ)" [in English; Russian & Polish summaries]. *Acta zool. cracov.*, vol.2: pp.279-312, 4 pls. 1957. As new is described *P. stachialis* from Manchuria. [J. M.]
- Toll, S., "Studien über die Genitalien einiger Coleophoriden. XIV" [in German; Polish & Russian summaries]. *Acta zool. cracov.*, vol.2: pp.119-150, 41 figs. 1957. As new are described: *Coleophora didyma* (Tschkalov, USSR), *C. stachi* (Krasnoarmejsk-Sarepta, USSR), *C. paraspumosella* (same locality). Genitalia of new spp. are figured. [J. M.]
- Toll, Sergiusz, "Drei weitere neue Arten der Familie Tortricidæ aus Polen (Lepidoptera)" [in German; Polish & Russian summaries]. *Ann. zool. Inst. zool.*

- Polska Akad. Nauk*, vol.17: pp.65-89. 21 figs. 1958. Describes as new *Bactra gozmanyana* (Stemplew, Kreis Turek, Poland); *Epiblema baligrodana* (Bieszczady (Wald-Karpaten), Baligród-Czarne), *E. petasitis* (same locality). Compares *B. gozmanyana* in detail with *B. lanceolana*, *B. robustana*, & *B. furfurana*. [P. B.]
- Toll, S., "Neue Acrolepiidae. Beschreibung von vier neuen Arten aus der Sowjetunion" [in German]. *Zeitschr. wiener ent. Ges.*, vol.43: pp.84-89, 8 figs. 1958. Describes as new *Acrolepia volgensis* (Krasnoarmiejsk, Sarepta), *A. christophi* (Transcaucasia, Ordubad), *A. sibirica* (E. Siberia, Vladivostok); *Ræsslerstammia transcaucasica* (Transcaucasia, Berzhomi). [P. B.]
- Toll, S., "Studies on species of the Lepidoptera of the *Cacæcia podana* Scop. (Tortricidae) and *Pyrausta sanguinalis* L. (Pyralidae) groups" [in Polish; English summary]. *Bull. ent. Pologne*, vol.28: pp.109-124, 3 pls. 1958. Describes as new *P. latefascialis* (Djalantun, Manchuria). The ♀ of *C. criticana* is described. *C. ingentana* & *C. subrufana* are distinct (good) spp; *P. auralis* is a southern variety of *P. virginalis*, not a good sp. Imagines & genitalia are figured. [J. M.]
- Toll, Sergius, "Eine neue *Coleophora* aus dem Naturschutzgebiet bei Oberwinden im Marchfeld, Niederösterreich" [in German]. *Zeitschr. Arbeitsgem. österr. Entomologen*, vol.12: pp.81-82, 4 figs. 1960. Describes as new *C. pseudorepentis*. [P. B.]
- Toll, Sergiusz, "Studien über Genitalien einiger Coleophoridae XVII" [in Polish; German summary]. *Bull. ent. Pologne*, vol.30: pp.91-108, 32 figs. 1960. As new are described: *Coleophora guttiferella* (Tripolitania: Jefren), *C. glabricella* (same), *C. islamella* (same), *C. tripolitana* (same), *C. leucostrigella* (same), *C. satellitella* (same), *C. zonatella* (same), *C. italica* (Italy, Trento; Pinarco). [J. M.]
- de la Torre y Callejas, S. L., "Reconsideracion taxonomica de las especies del genero *Kricogonia* Reakirt, con vista al estudio de sus organos genitales" [in Spanish]. *Publ. Univ. Oriente*, no.42: 32 pp., 2 pls. 1958. Reviews taxonomic history of genus and all named forms; concludes that valid spp. are *K. castalia* (with ssp. *K. c. lyside*) & *K. cabrerai*, all other names being synonyms or applying to infrasubspecific forms. Gives key to recognized forms and figures all in color. [P. B.]
- de la Torre y Callejas, Salvador Luis. & Pastor Alayo Dalmau, "Revision de las Notodontidae de Cuba, con la descripcion de dos nuevas especies" [in Spanish]. *Publ. Univ. Oriente*, no.43: 60 pp., 15 pls., 5 figs. 1959. Describes as new *Disphragis zayasi* (Vista Alegre, Santiago de Cuba); *Meragisa toddi* ("La Breña", Moa, Oriente). Lists 25 spp. (including an unidentified sp. of *Disphragis*), with brief descriptions, figures of adults & genitalia, and notes on distribution. [P. B.]
- de la Torre y Callejas, Salvador L., "Estudio de los órganos genitales de las Sphingidae de Cuba contenidas en la colección de la Universidad de Oriente" [in Spanish]. *Rev. Univ. Oriente*, vol.1: pp.39-75, 15 pls. 1960. Lists the 59 Cuban spp.; figures ♂ genitalia of 44 spp. & ♀ genitalia of 40. [P. B.]
- Toulechkoff, K., "Études faunistiques d'Olympe de la Grèce (Lepidoptera)" [in Bulgarian; Russian & French summaries]. *Bull. Inst. zool. Acad. bulg. Sci.*, vol.1: pp.305-328, 3 figs. 1951. A number of spp. & spps. from the Olympus region in Greece are described as new: *Agrotis multangula stojanovi*, *A. cuprea jordanovi*, *A. stavroitiacus*, *A. decora olympica*; *Hadena platinea griseascens*; *Eupithecia olympica*. Only the new spp. are figured. [J. M.]
- Torstenius, Stig, "Några anteckningar rörande Europas *Nycteola* Hb. (*Sarothrips* Curt.) (Lep. Noctuidae)" [in Swedish; English summary]. *Ent. Tidskr.*, vol.81: pp.63-73, 2 pls., 15 figs. 1960. Describes & figures genitalia of *N. revayana*, *N. degenerana*, *N. siculana*, *N. columbana*, *N. kuldzhana*, & *N. asiatica*; summarizes distribution of first three spp., which occur in Sweden. [P. B.]
- Townsend, A. L. H., "Four new species of African Heterocera." *Entomologist*, vol.91: pp.204-206, 1 pl. 1958. Describes as new: (Noctuidae) *Antarchaea magalium* (Nakuru, Kenya); *Osericana pernix* (Nakuru); (Geometridae) *Lophorrhacia burdoni* (Mufindi, Tanganyika); (Pterophoridae) *Platyptilia illustris* (Nakuru). [P. B.]

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