

INSECTES SOCIAUX

BULLETIN DE L'UNION INTERNATIONALE
POUR L'ÉTUDE DES INSECTES SOCIAUX

NOUVELLES DE L'UNION

Tome V — 1958 — N° 1

NOUVELLES DE L'UNION

TRAVAUX PUBLIÉS PAR DES MEMBRES DE L'UNION

ITO MASAHARU. — 1952. A consideration of the effective concentration of DDT and BHC emulsions for the Arctiid Moth, *Diacrisis imparilis* Butler (*Botyu-Kagaku*, 17, 88-93) (in Japanese with English summary). — 1953. Social interference of the Rust-red flour beetles, *Tribolium castaneum* [*Kagaku* (Iwanami Publ. Co. Ltd., Tokyo), 23 (7), 370-374] (in Japanese). — 1954. Experimental studies on the mechanism of aggregation formation in injurious insects. I. Some problems on the degree of aggregation with special reference to the border effects of movement of the Rust-red flour beetle [*Physiology and Ecology* (Kyoto), 6 (1), 55-62] (in Japanese with English summary). — 1955. Basic properties of social insects.—On the group effect observed in certain gregarious insects, from the view point of the comparative sociology [*Biological Science* (Iwanami Publ. Co. Ltd.), 7 (2), 67-73] (in Japanese.) — 1955 a. On the meaning of the "air-space" in the population growth of the Rust-red flour beetle, *Tribolium castaneum* (Herbst). Experimental studies on a role of behavior in the population of injurious insect. 1st. Report [*Oyo-Kontyu*, 11 (1), 25-31] (in Japanese with English summary). — 1956. Experimental studies on a role of behavior in the population of injurious insect. End report Distribution pattern of the deposited eggs of the Rust-red flour beetle, *Tribolium castaneum* Herbst [*Japanese Journal of Ecology*, 5 (3), 101-103] (in Japanese with English summary). — 1956 a. The relation between the oviposition of the Rust-red flour beetle, *Tribolium castaneum*, and its burrowing of entrance into flour (Experimental studies on a role of behavior in the population of injurious insect. 3rd. Report. Researches on Population Ecology (*Entomological Laboratory*, Kyoto University, 3, 16-26) (in Japanese with English summary). — 1956 b. On a form of the spacial dispersal of larval population based on the unit egg-masses of socound brood of the Rice-stem borer, *Chilo supresaris* [*Oyo-Konchu*, 12 (4), 230-231] (in Japanese). — 1957 a. Research working on a grouping life of the insects. What is the Population Ecology [*Shin-Konchu* (Hokuryukan Publ. Co. Ltd., Tokyo), 10 (2), 24-29] (in Japanese).

Papers which were in press and prepared.

ITO MASAHARU. — 1957. Ecological discussion on the theory to forecast insect pests [*Seitai-Konchu or Insect Ecology* (Rikusui-shya Publ. Co. Ltd., Tokyo), *in press*] (in Japanese with English summary). — 1957. Some problems of a research work of the dipersal behavior as a "population process" of insects (*Physiology and Ecology*, Kyoto University) (in Japanese with English summary). — 1957. Experimental studies on a role of behavior in the population of injurious insect. 4th. Report. Effects of population density against the burrowing behavior into flour by the adult beetle of Rust-red flour beetle, *Tribolium castaneum* (*Oyo-Dobutu-Konchu*) (in Japanese with English summary).

KEVAN (D. K. McE.), Dr., Zoology Section, Department of Agricultural Sciences, School of Agriculture, Sutton Bonington, Loughborough, Leics, G. B., Ac, I. S.

1943. An account of *Schistocerca flavofasciata* (De Geer 1773) in Trinidad (Orthoptera: Acrididae) (*Bull. Ent. Res.*, **34**, 291-310). — 1948. New species of *Parasphena* Bolivar 1884 (Orthoptera: Acrididae, Pyrgomorphinae) from East Africa (*J. E. Afr. nat. Hist. Soc.*, **19**, 110-130 [1946]). — 1949. A revision of the East African genus *Acrostegastes* Karsch, 1896 (Orthoptera, Acrididae, Catantopinae) (*Proc. R. Ent. Soc. Lond.* [B], **18**, 90-6). — Notes on East African Bush Locusts with special reference to *Phymataeus aegrotus* (Gerstaecker, 1869) (Orth., Acrid., Pyrgomorphinae) (*Bull. Ent. Res.*, **40**, 359-60). — 1950. Orthoptera from the Hills of South East Kenya (*J. E. Afr. nat. Hist. Soc.*, **19**, 192-221, 1 pl. [1947]). — Further records of Orthoptera from the Turkana Desert (*Ibid.*, 222-4 [1947]). — The grasshopper fauna of a small East African Swamp (*Ent. Mon. Sag.*, **86**, 316-9). — 1951. Preliminary records of some Acridoidea (Orthoptera) from remote parts of East Africa (*Ibid.*, 713-8). — 1951. An examination of the Angolan genus *Caconda* I. Bolivar, 1884 (Orthoptera, Acrididae, Pyrgomorphinae) (*Publ. cultur. Compan. Diamant. Angola*, **13**, 19-28). — *Platycleis occidentalis* Zeuner (Orthoptera, Tettigoniidae) in the Midlands (*J. Soc. Brit. Ent.*, **4**, 42-43). — 1952. A study of the genus *Chrotogonus* Audinet-Serville, 1839 (Orthopt., Acrid., Pyrgomorphinae).—I. The subgenera *Obbiacris*, nov. and *Shoacris*, nov. (*Mitt. schweiz. ent. Ges.*, **25**, 87-96). — Dermaptera, Manteodea, Phasmatodea and Saltatoria collected by Dr. B. Benzon and Dr. F. W. Braestrup in southern and central Kenya Colony (*Ent. Medd.*, Copenhagen, **26**, 222-230). — "Faune de France. 56. Orthoptéroïdes", by L. Chopard (*Ent. Mon. Mag.* **88**). — On the systematic position of two anomalous genera previously placed in the subfamily Pyrgomorphinae (Orth., Acrididae) (*Ibid.*, 265-272). — A summary of the recorded distribution of British Orthopteroids (*Trans. Soc. Brit. Ent.*, **11**, 165-180). — 1953. A new species of *Ramakrishnaia* I. Bolivar from the Nilgiris (Orthoptera: Acrididae) (*Ind. J. Ent.*, **14**, 269-272). — Notes on the distribution of British Orthopteroids (*J. Soc. Brit. Ent.*, **4**, 119-122). — "Vita di Scienziato (Biografia di Filippo Silvestri)", by Giuseppe Jannone (*Ent. Mon. Mag.*, **89**, xvi). — A new species of *Tenuitarsus* I. Bolivar, 1904, from the Sudan (Orthopt., Acrid., Pyrgomorphinae) (*Proc. R. Ent. Soc. Lond.* [B], **22**, 41-54). — An interesting new pyrgomorphine grasshopper (Orthoptera, Acrididae) in the U. S. National Museum (*J. Wash. Acad. Sci.*, **43**, 117-119). — The generic name *Dictyophorus* Thunberg, 1815 (Orth., Acrididae) (*Ent. Mon. Mag.*, **89**, 103-105). — "The Grasshoppers and Locusts (Acridoidea) of Australia. Volume I. Families Tetrigidae and Eumastacidae", by James A. G. Rehn (*Ibid.*, **19**). — The Ceylonese species of *Orthacris* I. Bolivar, 1884 (Orthoptera, Acrididae, Pyrgomorphinae) (*Spolia Zeylan.*, Colombo, **27**, 17-34). — On the identity of *Gryllus scaber* Fabricius, 1798 (Orthopt., Acrididae) (*Ent. Medd.*, Copenhagen, **27**, 482-488). — An unusual stridulatory mechanism in *Xyronotus astecus* Sauss (Orth., Acrididae) (*Ent. Mon. Mag.*, **89**, 169-170). — 1953. The identity of *Ectobius pallens* Stephens, 1835 (Dictyoptera, Blattodea) (*Entomologist*, **86**, 169-171). — An unusually massive termitarium from the Ogaden (*Entomologist*, **86**, 166-167). — The status of *Tetrix bipunctata* (Linn.) (Orthoptera, Tetrigidae) in Britain (*Ent. Gaz.*, **4**, 205-224). — "Australian Termites: The Biology, Recognition, and Economic Importance of the Common Species", by F. N. Ratcliffe, F. J. Gray and R. T. Greaves (*Ent. Mon. Mag.*, **89**, 39). — On the gender of the generic name *Ommexecha* Serville, 1831, and the correct rendering of the name *Chrotogonus homalodemus* (Blanchard, 1836) (Orth., Acrididae) (*Thid.*, 221-223). — "Fauna SSSR. Tom. IV. Vyp. 2. Nasekomyye Pryamokrylyye. Sarancheyye (Catantopinae)", by L. L. Mishchenko (*Ibid.*, 35). — Some difficulties raised in applying the rule of priority to supra-generic nomenclature, as illustrated by the name Pyrgomorphinae (Insecta: Orthoptera) and its alternatives. Communication read at the XIVth. International Congress of Zoology, Copenhagen, 6th. August., 1953 (*Spec. Pap. Univ. Nottm. Sch. Agric. Zool. Sect. i: ii + 11 pp.* [mimeo]). — Preliminary list of the Mantodea of Trinidad, B. W. I., (*Ann. Mag. nat. Hist.* [12], **6**, 809-816).

— A teratological specimen of *Taphronota calliparea* Schaum (Acrididae) (*J. Ent. Soc. ethn. Africa*, 16, 139-140). — Additional notes on the distribution of British Orthopteroids (*J. Soc. Brit. Ent.*, 4, 183-185). — 1954. "Grasshopper Glacier of Montana and its relation to long-distance flight of grasshoppers", by A. B. Gurney (*Ent. Mon. Mag.*, 90, 3-4). — "The Grasshoppers and Locusts (Acridoidea) of Australia. Vol. II. Family Acrididae (Subfamily Pyrgomorphinae)", by James A. G. Rehn (*Ibid.*, 7-8). — A note on the Acridid subfamily Catantopinae (*J. Soc. Brit. Ent.*, 4, 223-225). — Blattodea from Northern Kenya and Jubaland (*Ann. Mag. nat. Hist.* [12] 7, 166-167) (co-author with Prof. L. Chopard, Paris). — Mantodea from Northern Kenya and Jubaland (*Ibid.*, 455-473). — Orthoptera-Caelifera (other than Acrididae) from Northern Kenya and Jubaland (*Opusc. Ent.*, Lund, 19, 44-54). — Pyrgomorphine Acrididae from J. W. Zetterstedt's Insecta Exotica collection (*Ibid.*, 78). — Ueber Fülgefärbung und Sicheingraben von *Acrotylus junodi* (Schulthess) (Orth. Acrid., Oedipodinae) (*Veröff. Ueberseemus. Bremen* [A], 2, 213-226 + 1 pl) (co-author with Dr. Knipper, Bremen). — "Unorthodox" methods of sound production in the Orthoptera (*Spec. Pap. Univ. Nottm. Sch. Agric. Zool. Sect.*, 2, 22 pp. [mime]). — A study of the genus *Chrotogonus* Audinet-Serville, 1839 (Orthoptera, Acrididae): I. Preliminary notes on synonymy and distribution in the Belgian Congo and adjacent territories (*Ann. Mus. Congo, Tervueren, in-4°* (Zool.), 1, 446-456). — Dermaptera from Northern Kenya (*Entomologist*, 87, 75-76). — Phasmatodea from Northern Kenya (*Ibid.*, 112-116) (co-author with Prof. L. Chopard, Paris). — The Taxonomy, Phases, and Distribution of the Genera *Chorteicetes* Brunn. and *Austroicetes* Uv. (Orthoptera, Acrididae), by K. H. L. Key (*Ent. Mon. Mag.* 90, 35). — Orthoptera-Ensifera from Northern Kenya and Jubaland (*Trans. R. Ent. Soc. Lond.*, 105, 315-353) (co-author with Prof. L. Chopard). — A study of the genus *Chrotogonus* Audinet-Serville, 1839 (Orthoptera, Acrididae). III. A review of available information on its economic importance, biology, etc. (*Ind. J. Ent.*, 16, 145-172). — Further notes on the distribution of British Orthopteroids (*Proc. Soc. Brit. Ent.*, 5, 65-71). — Sound Production and Reception in Orthoptera (*Ent. Rec.*, 66, 257-260). — "Pryamokrylye, Tom. II, Wyp. 2. Kuznechikovye. Podsem. Listovye Kuznechiki (Phaneropterinae)." Fauna SSSR, Novaya Seriya No. 59 [Orthoptera Vol. II, Section 2. Bush-crickets. Subfam. Leaf Bush-crickets (Phaneropterinae). Fauna of the U. S. S. R., n.s. no. 59]. By G. Ya. Bei-Bienko (*Ent. Mon. Mag.*, 90, 47-48). — 1955. Two allied Orthopteroid insects from Edinburgh (*Ent. Rec.*, 67, 35-36) (co-author with E. Dunn). — A new species of Eneopterid cricket (Orth. Grylloidea) imported into Britain (*Ent. Mon. Mag.*, 91, 1-3, pl. 1). — A further contribution to our knowledge of the Acrididae (Orthoptera) of Angola (*Publ. cult. Compan. Diamant. Angola*, 24, 61-82). — Méthodes inhabituelles de production de son chez les Orthoptères (*Ann. Epiphyt.*, 1954 [suppl.], 103-141) (fasc. hors série). — Mole-Crickets in Britain (*Ent. Rec.*, 67, 91-91). — A note on the name of the common house Cricket, *Acheta domesticus* (Orthoptera, Gryllidae) (*Ent. Mon. Mag.*, 91, 108-109). — Cockroaches (Blattariae) from Trinidad B.W.I. with a few records from other parts of the Caribbean (*Opusc. Ent.*, Lund [co-author Dr. K. Princis, Lund] 20, 149-169). — Zur Biologie, Systematik, Morphometrie und insbesondere Schwarmbildung Afrikanischer *Homocoryphus* (Orth. Tettigon Conocephalidae) (*Veröff. Ueberseemus. Bremen* (A), 3, 277-318, pl. 1) (co-author Dr. H. Knipper, Bremen). — 1954 a. On the subdivisions of the genus "Gryllus" Linnaeus, 1758 (*Opin. Declar. Internat. Commiss. zool. Nomencl.*, 8, 229-231). — 1955 (contd.). A further note on the Mole-Cricket (*Gryllotalpa*) (*Ent. Rec.*, 67, 211-212). — A new subspecies and two little-known East African species of the genus *Catantops* Schaum, 1853 (sens. lat.) (Orthoptera, Acrididae) (*Entomologist*, 88, 199-203). — East African Blattodea, Phasmatodea and Orthoptera (Ergebnisse der Deutschen zoologischen Ostafrika Expedition 1951-1952, Gruppe Lindner, Stuttgart, Nr. 5) (*Boitr. Ent.*, Berlin, 5, 472-485). — The Home of the House Cricket *Acheta domesticus* (L.) (Orth. Gryllidae) (*Ent. Mon. Mag.*, 91, 263). — The Gender of the Genus *Acheta* Fabricius (Orth., Gryllidae) (*Ibid.*, 91, 310). — 1956. New East African Acrididae (Orthoptera) (*Ann. Mag. nat. Hist.* [12], 9, 20-35). — Flightless

African Genera of Pyrgomorphine Grasshoppers allied, or superficially similar, to *Parasphona* I. Bolivar, 1884, and *Pyrgomorphella* I. Bolivar, 1904, with Descriptions of certain new forms (Orthoptera, Acrididae) (*Publ. cult. Compan. Diam. Angola*, 29, 107-134). — Results from the Danish Expedition to the French Cameroons 1949-1950-XV. Orthoptera, Acrididae (*Bull. Inst. fr. Afr. noire*, 18 [A], 960-977). — The known distribution of British Orthopteroids, Fourth Supplement (*J. Soc. Brit. Ent.*, 5, 187-192). — Massive Termitaria in the Ogaden (*Proc. XIV. Internat. Congr. Zool.*, Copenhagen, 1953, 498). — 1957. Wiltshire Orthopteroids (*Entomologist*, 90, 12-16). — "Annotated Catalogue of African Grasshoppers", Compiled by H. B. Johnston (*Ent. Mon. Mag.*, 93, 7-8). — A Study of the genus *Chrotogonus* Audinet-Serville, 1839 (Orth., Acridoidea). IV. Wing Polymorphism, Technical Designations and Preliminary Synonymy (*Tijdschr. Ent.*, Leiden, 100, 43-60). — Zur Kenntnis der Gattung *Chrotogonus* Audinet-Serville, 1839. Erste Beobachtungen über das Sicheingraben (Orthoptera, Acrididae, Pyrgomorphinae) (A Study of the Genus *Chrotogonus* Audinet-Serville, 1839. V.) (*Zschr. Tierpsychol.* [in press]) (co-author Dr. Knipper, Bremen). — Orthoptera-Caelifera from Northern Kenya and Jubaland. II. Pamphagidae, Pyrgomorphidae, Lentulidae and Romaleinae (*Opusc. Ent.*, Lund, 21 [in press]).

MODIFICATIONS A LA LISTE DES MEMBRES
PARUE DANS LE NUMÉRO 1 DU TOME IV, JANVIER 1957

New members.

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PUBLICATION ANNOUNCEMENT

The Proceedings of the Tenth International Congress of Entomology, held in Montreal, Canada, in August, 1956, are expected to be ready for distribution in late 1958. The price is \$ 75.00 postpaid for the set of four volumes. Since a limited number will be printed only orders received before May 1, 1958, can be guaranteed.

The Proceedings will contain nearly 700 scientific contributions, many accompanied by illustrations. The four volumes, comprising over 4,200 pages, will constitute an indispensable work of reference for many years since most of the material is not being published elsewhere.

For further information write to the address below:

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Printed in France.

Le Gérant : GEORGES MASSON.

Dépôt légal 1958 - 2^e trimestre - N^o d'ordre : 2942 - MASSON et C^{ie}, éditeurs, Paris.

Imprimé par l'Imp. CRÉTÉ Paris, Corbeil-Essonnes, France.

Dépôt légal 1958 - 2^e trimestre - N^o d'ordre : 9438.