

THIRD SUPPLEMENT TO ROONWAL'S BIBLIOGRAPHIA ACRIDIDIORUM

By

M.L. ROONWAL AND R. K. BHANOTAR

Zoological Survey of India, Calcutta

(With 2 Tables)

CONTENTS

	PAGE
I—Introduction	191
II—Errata and Addenda to Main Bibliography and to First and Second Supplements	194
III—Third Supplement to Bibliographia Acrididiorum	201
1. List of References (3rd Supplement)	201
2. Author Index (3rd Supplement)	275
3. Subject Index (3rd Supplement)	283

I—INTRODUCTION

Roonwal's *Bibliographia Acrididiorum* was published in 1961*. It consisted of a Main Part (pp. 1-549) and two Supplements, the First (pp. 551-591) and the Second (pp. 591-611). The object of the *Bibliographia* was to bring together a list of references on the family Acrididae in the broad sense (now equivalent to the superfamily Acridoidea of several authors) from the earliest times to the end of the year 1954; a few references published during the years 1955-57 were also included to enhance its usefulness. A total of about 7000 references were thus listed. In so comprehensive a work it was inevitable that some references would be overlooked, and indeed one of the purposes of such a bibliography is that it helps to spot such omissions or errors instantly. To ensure that, I had appealed as follows (p. 14) for my attention being called to such lacunae:

"In spite of all this effort it is possible, and indeed almost certain, that some references have been overlooked, although I hope and believe that their number is small. The publication of the Bibliography will highlight those omissions. I will be grateful if readers will be kind enough to bring any omissions and inaccuracies to my notice."

It is gratifying that the usefulness of the *Bibliographia* has been widely acknowledged, and readers have also generously responded to my appeal for filling in the lacunae. As a result, the record or Third Supplement is issued. It consists of two portions:

(i) A list of *errata* to the original *Bibliographia*.

(ii) A list of supplementary references which were overlooked earlier. Only those references which were published up to end of the year 1954 are included.

*ROONWAL, M. L. 1961. *Bibliographia Acrididiorum*. A bibliography of the Orthopteran insects of the family Acrididae (comprising the short-horned grasshoppers and locusts) from the earliest times to the end of 1954 (with some additions for 1955-57).—*Rec. Indian Mus.*, Delhi, 56 (1-4) [1958], pp. 1-611, 1 pl.

A total of 1104 new references (Table 1) are thus added, bringing the grand total to about 8012 (Table 2). For the more recent years there does not appear to be any need for a separate bibliography since the Anti-Locust Research Centre, London, publishes periodically (in cyclostyled form) the "Acridological Abstracts" which include the current references.

The largest single oversight in my original *Bibliographia* was the important paper of S. H. Scudder* (1900) on the North American Orthoptera which contains a full bibliography. Nearly 300 references from this paper have now been included here. About 35 references have been taken from the list of papers on Orthoptera and Dermaptera by Rehn and Hebard for the years 1919-28 (Anonymous, 1929). My attention to these lacunae was called by Dr. James A. G. Rehn. Another large inclusion is a list of about 70 references, mainly on the South American Locust, supplied by Mr. H. J. Bredo. Besides these, numerous references have been taken from several other sources.

It is a pleasure to acknowledge my indebtedness to several zoologists, and in particular the following ones, who have brought these lacunae to my attention: Dr. James A. G. Rehn, Chairman, Department of Insects, Academy of Natural Sciences of Philadelphia, Philadelphia, U.S.A. ; Prof. Emeritus Dr. A. M. Da Costa Lima, Instituto Oswaldo Cruz, Rio de Janeiro, Brazil ; Dr. Jose Lieberman, Instituto de Patologia Vegetal, Secretaria de Estado de Agricultura of Ganaderia de la Nacion, Castelar, Argentine Republic ; and Mr. H. J. Bredo, Project Manager, UNSF Desert Locust Project, Food and Agricultural Organization of the United Nations, Rome, Italy.—M.L.R.

TABLE 1.—*Distribution of the Acrididae references in the 3rd Supplement in chronological periods from the years 1700 to 1954.*

Years (A.D.)	Total period (years)	Total No. of references
1700—1799	100	27
1800—1849	50	37
1850—1899	50	238
1900—1909	10	30
1910—1919	10	153
1920—1929	10	142
1930—1939	10	122
1940—1949	10	183
1950	1	61
1951	1	24
1952	1	29
1953	1	27
1954	1	31
TOTAL	255	1104

*SCUDDER, S. H. 1901. *Alphabetical index to North American Orthoptera described in the eighteenth and nineteenth centuries.*—*Occ. Paper, Boston Soc. nat. Hist.*, Boston, No. 6, vi+1+436 pp.

TABLE 2.—*Revised chronological distribution of the references on the Acrididae from the 2nd century to the end of 1954 (as compiled from the Main Bibliography and the 1st, 2nd and 3rd Supplements).*

Years (A.D.)	Total period (years)	No. of references			Total	Average No. of references per year
		Main Bibliography	I & II Supplements	III Supplement		
2nd century—1599	1,499	3	3	..
1600—1699	100	13		..	13	0.13
1700—1799	100	43	.	27	70	0.70
1800—1849	. 50	77	.	37	114	2.2
1850—1899	. 50	722	5	238	965	19.30
1900—1909	10	172	2	30	204	20.40
1910—1919	10	351	..	153	504	50.40
1920—1929	. 10	846	4	142	992	99.20
1930—1939	. 10	1,999	3	122	2,124	212.40
1940—1949	. 10	1,180	10	183	1,371	137.10
1950	. 1	238	55	61	354	354
1951	. 1	245	136	24	405	405
1952	. 1	275	10	29	314	314
1953	. 1	267	29	27	323	323
1954	. 1	203	113	31	347	347
TOTAL	. 355	6,634	367	1,104	8,105	..
No. of references deleted		84	9	..	93	..
GRAND TOTAL	355	6,550	358	1,104	8,012	..

II—ERRATA AND ADDENDA TO MAIN BIBLIOGRAPHY AND FIRST AND SECOND SUPPLEMENTS

(*Rec. Indian Mus.*, 56 [1958], 1961, ix+611 pp.)

NOTE.—Except where otherwise stated, lines are counted from the top and include the page-heading.

P. viii, line 8 from below.—Add “7” under column for page (against “paranensis”).

P. 6, line 5.—For “aud”, read “and”.

P. 7, line 18.—After “(1775)”, add : “Desert Locust”.

P. 8, line 10 from below.—For “publie”, read “public”.

P. 8, line 9 from below.—For “huges”, read “huge”.

P. 9, line 30.—For “shrubby”, read “shrubbery”.

P. 15, line 25.—For “Lieberman”, read “Liebermann”.

P. 16, line 6 from below.—For “Spain”, read “Spanish”.

P. 18, lines 31-32 (Ref. No. 8).—The full reference is as follows :—

AD-DAMĪRĪ, IMAL KAMAL AD DIN MOHAMMAD IBN ISA. (Born 1341 or 1349 A.D. ; died 1405 A.D.). *Hayāt al-Hayawān* (Life-history of Animals).

‘Ad-Damiri’s Hayāt al-Hayawān. (A Zoological Lexicon.) Translated from the Arabic into English by A.S.G. JAYAKAR” Vol. 1 (1906 xxx+875 pp. Vol. 2, Part 1 (1908), 2+604 pp.—Bombay (D.B. Taraporevala Sons & Co.) ; London (Luzac & Co.). (Locust, in Vol. 1, pp. 407—418 ; and 525.)

P. 19, line 29.—For “Algètie”, read “Algérie”.

P. 24, line 11 from below.—For “59, p. 233”, read “59 (5-7), pp. 233-236 283-288 and 345-349”.

P. 33, line 3 from below.—For “soxicities”, read “toxicities”

P. 37, line 2 from below.—For “perth”, read “Perth”.

P. 56, line 17.—For “influence of”, read “influence of moisture”.

P. 85, line 18 from below.—For “BURMEISTR, H.”, read “BURMEISTER, H.C.C”.

P. 85, lines 11-13 from below (Ref. No. 917) : The full reference should read as follows :—

BURMEISTER, H.C.C. 1840. Audinet-Serville, Histoire naturelle des Orthoptères. Paris, 1839. Verglichen mit H. Burmeister, Handbuch d. Entomologie, Bd. 2, abth. 2, halfte 1 (vulgo Orthoptera). Berlin, 1838. Vom Verfasser des letzteren.—*Germar’s Z. ent.*, Leipzig, 2, pp. 1-82.

- P. 86, lines 5-6 (Ref. No. 921) : The full reference should read as follows :—
 BURR, M. 1899. Essai sur les Eumastacides, tribu des Acridiodes.—
Anal. Soc. esp. Hist. nat., Madrid, 28, pp. 75-112 ; 253-304 ;
 345-347 ; 3 pls. Also as separate, T. p.+94 pp., 3 pls., Madrid.
- P. 86, line 23.—For “pp. 417-475”, read “pp. 417-425”.
- P. 103, line 4.—For “pp. 145-159”, read “pp. 145-159 and 252-260”.
- P. 103, line 30.—For “CHIESA”, read “CHIESA”.
- P. 124, line 16 from below.—For “Locust invasion of 1874”, read “Notes
 on the locust invasion of 1874 in Manitoba and the North-West
 territories”.
- P. 124, line 13 from below.—For “DASON”, read “DAWSON”.
- P. 125, line 9.—For “p. 67” read “pp. 67-73”.
- P. 141, line 1.—For “58.]”, read “1958”.]
- P. 150, line 24.—For “Synopsis der europäischen Orthoptera”, read
 “Synopsis der europäischen Orthopteren mit besonderer Rück-
 sicht auf die in Böhmen vorkommenden Arten als Auszug aus
 dem zum Drucke vorliegenden Werke “Die europäischen Orthop-
 tera”.
- P. 152, line 8.—For “p. 761”, read “pp. 761-767, 1 pl.”
- P. 156, line 9 from below.—For “Tananarive”, read “10 pp.—Tanana-
 rive”.
- P. 178, line 16.—For “1954”, read “1945”.
- P. 178, line 17.—For “p. 628”, read “pp. 628-629”.
- P. 191, line 22.—For “Iowa”, read “Iowa”.
- P. 192, line 12 from below.—For “Hexachloroxchlorhexane”, read
 “Hexachlorocyclohexane”.
- P. 195, line 4 from below.—For “pp. 183-202”, read “pp. 193-202”.
- P. 196, line 20.—For “S.H.”, read “A.H.”.
- P. 197, line 15 from below.—For “31-38” read “31-38, 1 pl.”
- P. 217, line 6.—For “pp. 40-186”, read “pp. 140-186”.
- P. 220, line 2.—For “JOLLY”, read “JOLY”.
- P. 220, lines 2-23 (References 2755-2763).—For “JOLLY, L.”, and
 “JOLLY, P.”, read “JOLY, L.” and “JOLY, P.” throughout.
- P. 221, line 17.—For “easter”, read “east”.
- P. 224, line 7.—For “21, pp. 328-335”, read “14, pp. 328-335 ; 340-346
 and 355-361”.
- P. 230, line 11.—For “*KIMG”, read “*KING”.
- P. 234, line 4 from below.—For “KOEHER, P.”, read “KÖHLER, P.”.
 (Also, transfer the entire Reference No. 2952 to p. 235, as No.
 2968a.
- P. 236, line 5 from below.—For “Wander-Heuschrecke”, read “Wander-
 heuschrecke”.

- P. 236, bottom line.—For “vom.”, read “von”.
- P. 239, line 1.—For “1985”., read “1958”.
- P. 239 line 19.—For “pp. 342-357”, read “pp. 344-357”.
- P. 240, line 10.—For “Mé'canisme”, read “Mécanisme”.
- P. 241, line 4.—For “pigme s dans”, read “pigments dans”.
- P. 246, line 5.—For “(3)”., read “(3), p. 40”.
- P. 246, line 7.—For “(3).”, read “(3), pp. 3-5.”.
- P. 253, line 15.—For “pp. 372-381”, read “pp. 372-384”.
- P. 255, line 19.—For “1955”, read “1855”.
- P. 261, line 14.—For “322”, read “3322”.
- P. 266, line 10.—For “migrra-”, read “migra-”.
- P. 273, line 23.—For “Uma”, read “Una”.
- P. 274, line 8 from below.—For “maiz amarge”, read “maiz amargo”.
- P. 278, line 23 from below.—For “130”, read “1930”.
- P. 282, line 14 from below.—For “Tanganyi 1”, read “Tanganyika”.
- P. 283, line 11 from below.—For “Elegan”, read “Elegant”.
- P. 294, line 22.—For “Des”, read “Dos”.
- P. 294, line 23.—For “marrequi & revladas”, read “marroqui & reveladas”
- P. 294, line 13 from below.—For “MARITA”, read “MORITA”.
- P. 299, line 11 from below.—For “I.A.”, read “J.A.”.
- P. 306, line 17 from below.—For “pp. 190-208”, read “pp. 199-208”.
- P. 314, line 8 from below.—For “Washington”, read “Washington, pp. 223-242, 7 pls.”
- P. 315, line 18 from below.—For “PLAM” read “PALM.”
- P. 319, line 5.—Between “Agric.” and “Washington” add : “Bur. Ent. and pl. Quar.”.
- P. 319, line 6.—For “653 pp.”, read “653, 7 pp.”.
- P. 341, line 25.—For “(Eversmann)”, read “(Eversmann)”.
- P. 348, line 8 from below.—For “1913”, read “1923”.
- P. 358, line 17.—For “29”, read “27”
- P. 358, lines 23-24 (Reference No. 4651). The complete reference is as follows :—
- REMBOLD, I.I. 1731. *Historischer und physicalischer Tractat, von Heuschrecken. Oder Kurtze Beschreibung, von deren Benennung, Arten, Eigenschafften, Vermehrung, Wiederkinft, grossen Land-Schaden, vorbothen noch grössern Unglücks, verschiedenen Anschlägen, Vorthailen, auch in unterschiedlichen Provintzien angewandten Mitteln, selbige zu vertreiben und völlig auszurotten, Zurichtung zur Speise, nützlichen Gebrauch in der Artzney-Kunst, nebst andern curieusen Anmerckungen.* .64 pp., 1 pl.—Berlin & Leipzig. (Publ. by Author) [1730].
- P. 359, line 11 from below.—For “4+112+1 pp., 4 figs.”, read “4+182+1 pp., 4 pp. (figs.),”.

- P. 365, line 22.—For “ROBLET”, read “ROBLOT”.
- P. 365, line 24.—For “*Schlstocerca*”, read “*Schistocerca*”.
- P. 367, line 10 from below.—For “See-”, read “—See”.
- P. 373, line 2.—For “1962c”, read “1952c”.
- P. 374, line 9.—For “on the Desert”, read “of the Desert”.
- P. 374, line 12.—For “1936-8950. Section VI”, read “1938-1950. Section VII”.
- P. 374, line 29.—For “evolutionery”, read “evolutionary”.
- P. 374, line 10 from below.—For “swarmi”, read “swarm in”.
- P. 374, line 9 from below.—For “swar”, read “swarm”.
- P. 376, line 12 from below.—For “1938”, read “1933”.
- P. 379, line 14.—For “pp. 141-261”, read “pp. 191-261”.
- P. 383, line 10.—For “En.”, read “Ent.”.
- P. 384, line 33-34 (Ref. No. 4985) : The full reference should read as follows :—

SAUSSURE, H. DE. 1859-1862. Orthoptera nova americana. (Diagnoses praeliminaries.) Series 1-3.—Ser. 1, *Rev. Mag. Zool.*, Paris, 1859, pp. 59-63, 201-212, 315-317, 390-394. Ser. 2, *Ibid.*, 1861, pp. 126-130, 156-164, 313-324, 397-402. Ser. 3, *Ibid.*, 1862, pp. 163-171, 227-234. Also as separate, Paris.

- P. 384, lines 35-36 (Ref. No. 4986) : The full reference should read as follows :—

SAUSSURE, H. DE. 1863-1878. Mélanges orthoptérologiques. Tomes 1-2. Geneve. 1, 460 pp., 7 pls., 1863-1871. 2, 834 pp., 29 pls., 1872-1878. *Extr. Mem. Soc. Hist. phys. nat.*, Geneve, xvii-xxv ; as follows :—Tome 1, fasc. 1, pp. (1-4), 1-44, pl. 1 (*Memoires*, 17, (1), pp. 129-170, 1863) ; fasc. 2, pp. 45-148, pls. 2-3 (*Memoires*, 20, pp. 227-326, 1869) ; fasc. 3, pp. (1-4), 149-362, pls. 4-6 (*Memoires*, 21, pp. 1-214, 1870) ; fasc. 3, suppl., pp. (1-2), 363-460, pl. 7 (*Memoires*, 21, pp. 239-336, 1871). Tome 2, fasc. 4, pp. (1-8), 1-164, pls. 8-10 (*Memoires*, 23, pp. 1-352, 1877) ; fasc. 6, pp. 505-837, pls. 11-19 (*Memoires*, 25, pp. 369-702, 1878).

- P. 387 lines 1 & 2 from below.—For “Orthoptera.—682.”, read “Orthoptera and related orders—*Ann. ent. Soc. Amer.*, Columbus (Ghia), 47(4), pp. 677-682, 3 pls.”.

- P. 416, line 4 from below.—For “pp. 297-298”, read “p. 298”.

- P. 421, line 9. After “Amsterdam.”, add the following :—

“Vol. 1. Spectres et mantes. 6+79 pp., 25 pls., 1787. Vol. 2. Sauterelles grillons et blattes. 6+42+8+8+14 pp., 13+23+4+5 pls., 1813.”

- P. 421, line 11.—For “1935”, read “1795”.
- P. 428, line 19.—For “pp. 39-40”, read “pp. 39-49”.
- P. 429, line 25.—For “2 pp.”, read “27 pp.”.
- P. 430, line 28.—For “pp. 31-34”, read “pp. 81-84”.

- P. 442, line 16 from below.—For “No. 11 & 12, pp. 179-180”, read “No. 11 & 12 (179-180), pp. 234-235”.
- P. 469, line 7.—For “5 (1861-1864)”, read “5 (1861-1864), pp. 497-499.”
- P. 472, line 6.—For “226”, read “6226”.
- P. 479, lines 15 and 16.—Replace existing lines by : “135-172, 3 pls. Also separate as *Inaugural Dissert. Philos. Facult. Leipzig*”, “Bonn (Univ. Buchdruckerei v. Carol Georgi), 1877, 41 pp.”
- P. 479, line 20.—For “Manhattan”, read “Manhattan, 13 (3)”.
- P. 479, line 17 from below.—For “Berlin, pp.”, read “pp.”.
- P. 493, line 6 from below.—For “1939a”, read “1930a”.
- P. 493, line 1 from below.—For “pp. 105-236”, read “pp. 185-236”.
- P. 495, line 29.—For “October”, read “Octobre”.
- P. 497, line 7 (right column).—For “ABITO, J.”, read “ABITOL, J.”
- P. 501, line 16 from below (right column).—For “BURMEISTER, H.”, read “BURMEISTER, H.C.C.”.
- P. 512, left column, lines 4 & 5 from below.—For “JOLLY, P.” and “JOLLY, L.” read “JOLY, P.” and “JOLY, L.” respectively.
- P. 513, line 20.—“KÖEHLER, P.” is the same author as “KÖHLER, P.” (*vide* erratum above, on p. 234, line 4 from below).
- P. 523, line 8 right hand column.—For “ROBLET”, read “ROBLOT”.
- P. 533, line 14.—For “(Includin gbiometry,)”, read “(Including biometry.)”
- P. 552, line 4.—For “1944”, read “1954”.
- P. 552, line 19.—For “Bozcmar”, read “Bozeman”.
- P. 552, line 14 from below.—For “(2)”, read “(1 1)”.
- P. 553, line 23.—For “study in”, read “study. pp. 130-139. In”.
- P. 553, line 25.—For “Acad. Sci.”, read “C.R. Acad. Sci. U.R.S.S.”
- P. 554, line 14.—For “pp. 82-88.”, read “-Ann. Epiphyt., Paris, (C) 5 (mean. hors. sér.), pp. 82-88.”.
- P. 554, line 16.—For “less orlhoptères, pp. 168-170.”, read “les Orthoptères.—Ann. Epiphyt., Paris, (C) 5 (mean. hors. sér.), pp. 168-170”.
- P. 554, line 18 from below.—For “de *Schistocerca cancellata* (Serv.)”, read “de la langosta *Schistocerca cancellata* (Serv.)”.
- P. 554, line 14 from below.—For “*Virginiai*”, read “*Virginia*”.
- P. 554, line 9 from below.—For “p. 107, read “107 pp.”.
- P. 554, line 1 from below.—For “ptrés, pp. 281-306”, read “ptrés.—Ann. Epiphyt., Paris, (C)5 (mean. hors. sér.), pp. 281-306”.
- P. 555, line 2.—For “Misc” and “d’um”, read “Mise” and “d’un” respectively.
- P. 555, line 8.—For “pp. 365-394”, read.—Ann. Epiphyt., Paris, (C)5 (mean. hors. sér.), pp. 365-394.”.
- P. 555, line 9.—For “1955d”, read “1955”.
- P. 555, line 15.—For “p. 8”, read “8 pp”.

- P. 556, line 2.—For “CHAUDHURI, S.P.R. and GUHA, A.”, read “RAY-CHAUDHURI, S.P.” and GUHA, A. (Transfer reference No. 6608 to p. 577 under “R”, as No. 6958*a* after No. 6958.)
- P. 556, line 8.—For “p. 31”, read “31 pp.”.
- P. 556, line 20 from below.—For “pp. 305-315”, read “pp. 315-353”.
- P. 556, line 18 from below.—For “Osservazione”, read “Osservazioni”
- P. 556, lines 10 and 11 from below.—For “octaclore di aldrin”, read “octacloro, dialdrin”.
- P. 556, line 9 from below.—For “p. 10”, read “10 pp.”.
- P. 557, line 8 from below.—For “Chari lainae” read “Charilainae”.
- P. 557, line 17.—For “flourescenza”, read “fluorescenza”.
- P. 557, lines 20-21.—For “fluourescenza”, read “fluorescenza”.
- P. 558, line 29.—For “cines”, read “eines”.
- P. 558, line 17 from below.—For “Gottesanbeteriu”, read “Gottesanbeterin”.
- P. 558, Ref. No. 6640.—Transfer this Reference above No. 6642 (as No. 6641) ; and the present No. 6641 will then be re-numbered as 6640.
- P. 559, line 20.—For “Gregarine”, read “Gregarina”.
- P. 559, line 17 from below.—For p “32”, read “32 pp.”.
- P. 560, line 16.—For “brittaniques, pp. 154-167”, read “britannique.—*Ann. Epiphyt.*, Paris, (C)5 (mean. hors. sér.), pp. 154-167”.
- P. 570, line 11 from below.—For “pp. 23-24”, read “pp. 23-34”.
- P. 571, line 8 from below.—For “pp. 103-141,”, read “—*Ann. Epiphyt* Paris, (C)5 (mean hors. sér.), pp. 103-141.”
- P. 572, line 14.—For “iusektums-kulatur”, read “insektmuskulatur”.
- P. 573, lines 4-5.—For “(Acrididae), pp. 248-277”, read “(Acrididae).—*Ann. Epiphyt.*, Paris, (C)5 (mean. hors. sér.), pp. 248-277”.
- P. 573, line 11.—For “Tronto”, read “Toronto”.
- P. 573, line 12 from below.—For “pp. 3-134”, read “pp. 111-134”.
- P. 574, line 6.—For “Port.”, read “Prot.”.
- P. 574, line 6.—For “p. 6”, read “6 pp.”.
- P. 574, lines 9 and 10 from below.—For “.—*Brit. Mus. (Nat. Hist.)*, London, 1, pp. 307-314”, read “1, pp. 307-314.—London (Brit. Mus. Nat. Hist.)”.
- P. 574, line 10.—For “p. 11”, read “11 pp.”.
- P. 574, line 7 from below.—For “Estaclos”, read “Estados”.
- P. 574, line 4 from below.—For “activity Fluctuation of adults of the egg”, read “activity, fluctuation of adults and of the egg”.
- P. 575, line 9.—For “Less Principaux”, read “Les principaux”.
- P. 575, line 21.—For “Chez”, read “chez”.
- P. 575, line 22.—For “coerule-scens”, read “coerulescens”.
- P. 575, line 7 from below.—For “pp. 97-101” read “—*Ann. Epiphyt.*, Paris, (C)5 (mean. hors. ser.), pp. 97-101”.

- P. 575, last line.—Delete the brackets in “(Orthoptera)”.
- P. 576, line 3 from below.—For “Comportement, pp. 320-327,” read “comportement.—*Ann. Epiphyt.*, Paris, (C)5 (mean. hors. sér.), pp. 320-327.”.
- P. 577, line 11.—For “Acrididae), pp. 171-174”, read “Acrididae).—*Ann. Epiphyt.*, Paris, (C)5 (mean. hors. sér.), pp. 171-174.”
- P. 577, line 1 from below.—For “l’Herault, pp. 91-96”, read “l’Herault.—*Ann. Epiphyt.*, Paris, (C)5 (mean. hors. sér.), pp. 91-96.”
- P. 579, line 5.—For “St-peter sb.”, read “St. Petersb.”.
- P. 579, line 18.—For “idence con”, read “evidence con.”.
- P. 579, line 19.—For “exp.”, read “J. exp.”.
- P. 579, line 24.—For “grasshop er”, read “grasshopper,”.
- P. 579, line 27.—For “31 7-9”, read “31 (7-9)”.
- P. 579, line 30.—For “Bio m.”, read “Biochem”.
- P. 579, line 9 from below.—For “sect”, read “insect”.
- P. 580, line 6.—For “Shahr”, read “shahr”.
- P. 580, line 17.—For “17”, read “27”.
- P. 581, line 8.—Delete “Trin.”
- P. 581, line 12.—For “(Aioplopus)”, read “(Aiolopus)”.
- P. 581, line 14.—For “Vieet Miliea”, read “Vie et Mileau”.
- P. 582, line 2 from below.—For “Vuriegatus”, read “variegatus”.
- P. 583, line 11.—For “united”, read “United”.
- P. 583, line 14.—For “Arthoptera”, read “Orthoptera”.
- P. 584, line 1 from below.—For “Chun”, read “Chim”.
- P. 584, line 1 from below.—For “pp. 305-309”, read “pp. 303-309”.
- P. 585, line 6.—For “pp. 497”, read “pp. 497-532”.
- P. 585, line 10 from below (right column).—For “ANIEL” read “DANIEL”
- P. 592, line 22.—For “nouveau-nees”, read “nouveau-nées”.
- P. 594, line 20 from below.—For “Sylaires”, read “solaires”.
- P. 596, line 11.—For “Acridoidae”, read “Acridoidea”.
- P. 596, line 14.—For “Uppasala”, read “Uppsala”.
- P. 596, line 17.—For “Stuidio”, read “Studio”.
- P. 596, line 14 from below.—For “locust”, read “locusts”.
- P. 598, line 2.—For “and”, read “und”.
- P. 598, line 9 from below.—For “(b)”, read “(B)”.
- P. 599, line 8.—For “embryo”, read “embryo-”.
- P. 600, line 12.—For “Tremit”, read “Tremiti”.
- P. 600, line 16.—For “plant”, read “F.A.O. Plant”.
- P. 600, line 6 from below.—For “Locust”, read “locust cuticle”.
- P. 601, line 10.—For “Pp. 105-284”, read “Pp. 105-184”.
- P. 603, line 10.—For “migratoriodes”, read “migratorioides”.
- P. 603, line 28.—For “Paläartische”, read “Paläarctische”.

- P. 603, line 4 from below.—For “43”, read “34”.
- P. 604, line 20.—For “Jb.”, read “Jh.”.
- P. 604, line 5 from below.—For “SRIVASTAVA, F.D.”, read “SRIVASTAVA, P.D.”
- P. 605, line 2.—For “SRIVASTAVA, V. S. and SRIVASTAVA, P. S.”, read “SRIVASTAVA, U. S. and SRIVASTAVA, P. D.”
- P. 605, line 10.—For “migratoriodies”, read “migratorioides”.
- P. 605, line 22 from below.—For “Bolemfontein”, read “Bloemfontein”.
- P. 605, line 6 from below.—For “porblem”, read “problem”.
- P. 609, line 10 right hand column.—For “SRIVASTAVA, F. D.”, read “SRIVASTAVA, P. D.”
- P. 609, line 11 right hand column.—Delete SRIVASTAVA, P. S.
- P. 609, line 12 right hand column.—For “SRIVASTAVA, V. S.”, read “SRIVASTAVA, U.S.”

III—THIRD SUPPLEMENT TO BIBLIOGRAPHIA ACRIDIDIORUM

1. LIST OF REFERENCES (3RD SUPPLEMENT)

(The Serial Numbers are continued from the Second Supplement, *Rec. Indian Mus.*, 56 [1958], 1961, p. 607.)

A

7249. ABRAHAMSON, P. E. R. 1950. It pays to kill grasshoppers early.—*Gleaner*, 4 (6), p. 5.
7250. ADAMOVIC, Z. R. 1949. Contribution á la connaissance de nos relictés glaciaux. (In Serbian, with Russian and French summaries.) *Glasnik Prirodnjackog muzeja srpske zemlje (Bull. Mus. Hist. nat. Pays Serbe)*, Belgrade, (B), Nos. 1-2.
7251. ADELUNG, N. VON. 1892. Beiträge zur kenntnis des tibialen Gehörapparates des Locustiden.—*Z. wiss. Zool.*, Leipzig, 54., pp. 316-349, 2 tables.
7252. ADRIANOV, A. P. 1921. Distribution of locusts injurious to agriculture during recent years. (In Russian.)—*Bull. Perm. Bur. All-Russ. Ent.-Phytopat. Conf.*, Petrograd, No. 3, pp. 19-23.
7253. [AFRICA] 1913. Insect notes.—*Agric. J. Un. S. Afr.*, Pretoria, 6 (1), pp. 87-92.
- . [AFRICA] 1924.—See BECHUANALAND, AFRICA. 1924.
- . [AFRICA] 1934.—See BELGIAN CONGO. 1934.
7254. AHMAD, T. 1949. The Department of Plant Protection.—*Agric. Pakist.*, Karachi, 1, pp. 49-51.
7255. AHMAD, T. 1950. Department of Plant Protection : its work on locust control.—*Agric. Pakist.*, Karachi, 1, pp. 133-135.
7256. AHMAD, T. AND KHAN, M. S. 1953. The new insecticide, aldrin, for locust control.—*Agric. Pakist.*, Karachi, 4, pp. 111-128, 6 photos.

7257. ALFARO, A. 1915. La invasion de langosta.—*Rev. Educ.*, San José (Costa Rica), 1915, 7 pp.
7258. ALFARO, A. 1922. Langosta migratoria.—*Bol. Camara Agric.*, San José (Costa Rica), 2 (1), pp. 33-41.
7259. ALKAN, B. 1948. The cereal pests of central Anatolia (harmful animals and insects). (In Turkish, with a summary in German.) —*Yayın. Ankara Univ. Zir. Fak.*, Ankara, No. 1, viii+132 pp.; 8 maps.
7260. ALLARD, H. A. 1911. Studying the stridulations of Orthoptera.—*Proc. ent. Soc. Washington*, Washington, 13, pp. 141-148.
7261. ALLEN, T. C. and BRUNN, L. K. 1945a. Increased toxicity of lime-treated sabadilla seed in dust suspensions.—*J. econ. Ent.*, Menasha, 38 (3), pp. 291-293.
7262. ALLEN, T. C., DEXHEIMER, F. J. and COLE, E. 1945b. Reduction of certain insects infesting alfalfa by use of sabadilla.—*J. econ. Ent.*, Menasha, 38 (3), pp. 389-390.
7263. ALLEN, T. C., LINK, K. P., IKAWA, M. and BRUNN, L. K. 1945c. The relative effectiveness of the principal alkaloids of sabadilla seed.—*J. econ. Ent.*, Menasha, 38 (3), pp. 293-296.
- . ALVES, J. 1951.—*See* LIMA, A.D.F., D'ARAÚJO E SILVA, A.G., REINIGER, C. H., ALVES, J. and DA M. RIBEIRO, A. (Jr.). 1951.
- . ANDREWARTHA, H. G. 1941.—*See* BIRCH, L. C. and ANDREWARTHA, H.G. 1941.
7264. [ANONYMOUS.] 1907. La langosta y la agricultura.—*Circ. Com. Parasit. agric. Mex.*, Mexico, No. 74, 24 pp., 26 pls.
7265. [ANONYMOUS.] 1908. Praga de gafanhotos no Distrito Federal.—*Proc. Agric.*, Rio de Janeiro, 8, 43 pp., 1 map, 1 photo, 7 col. pls.
7266. [ANONYMOUS.] 1913a. La langosta.—*Bol. Fom.*, San José (Costa Rica), 3, pp. 830-831.
7267. [ANONYMOUS.] 1913b. Plagas de la agricultura.—*Bol. Minist. Agric.*, Buenos Aires, 15 (5), pp. 520-521.
7268. [ANONYMOUS.] 1913c. La langosta.—*Bol. Fom.*, San José (Costa Rica), 3 (11), pp. 830-831.
7269. [ANONYMOUS.] 1913d. Notes on insect pests. [In Russian.]—*Agric. Turkestan*, Tashkent, No. 6, pp. 585-590.
7270. [ANONYMOUS.] 1914a. Reports on insects of the year 1913 in Ontario.—*Rep. ent. Soc. Ont.*, Toronto, 44, pp. 15-25.
7271. [ANONYMOUS.] 1914b. Locusts.—*Agric. Gaz. Canada*, Ottawa, No. 8, p. 627.
7272. [ANONYMOUS.] 1914c. La lutte contre les sauterelles : résultat des expériences de 1913.—*Bull. bi-mens. Off. Gouv. Gén. Alger.*, Paris, 22 (2), p. 26.
7273. [ANONYMOUS.] 1915. "Locusts".—*Agric. News*, Barbados, 14 (343), p. 203.
7274. [ANONYMOUS.] 1916a. Los gases asfixiantes en la destrucción de la langosta.—*Gac. Rur.*, Buenos Aires, 9 (105), p. 543.

7275. [ANONYMOUS.] 1916b. Lutte contre les sauterelles.—*Rev. Hortic. l'Algerie*, Algiers, 20 (1-2), pp. 31-34.
7276. [ANONYMOUS.] 1916c. *Pachytylus migratorius* in the province of Semipalatinsk. (In Russian).—*Agric. Gaz.*, Petrograd, No. 4 (120), pp. 99-100.
7277. [ANONYMOUS.] 1916d. The biological method of controlling locusts. (In Russian).—*Agric. Trukestan*, Tashkent, 11 (6), pp. 573-576.
7278. [ANONYMOUS.] 1917a. Gafanhotos no Amazonas.—*Chacaras e Quint.*, São Paulo, 16, p. 117.
7279. [ANONYMOUS.] 1917b. The threatened plague of locusts.—*J. Bd. Agric. British Guiana*, Demarara, 10 (3-4), pp. 202-205.
7280. [ANONYMOUS.] 1918a. Locust extermination.—*Rev. Philipp. Agric.*, Manila, 11 (2), p. 65.
7281. [ANONYMOUS.] 1918b. *Defensa Agricola. Memoria correspondiente al año 1917*. 67 pp.—Montevideo (Minist. Indust.).
7282. [ANONYMOUS.] 1919a. L'utilisation indistrielle des sauterelles comme engrais dans l'Uruguay.—*Bull. Agric. Alger.*, Algeria, 26, pp. 25-26.
7283. [ANONYMOUS.] 1919b. *Memoria de los Trabajos realizados contra la Langosta. Invasion del 1917-1918*. 89 pp.—Montevideo (Minist. Industr.).
7284. [ANONYMOUS.] 1921. The Locust (*Schistocerca peregrina*).—*Wellcome Trop. Res. Lab.*, Khartoum, 15, 1 p.
7285. [ANONYMOUS.] 1924a. La langosta en el Uruguay.—*Bol. Mens. Minist. Industr. Déf. Agric.*, Montevideo, 5 (7-8), pp. 121-22.
7286. [ANONYMOUS.] 1924b. *Decretos, circulares e instrucciones para el combate de la langosta en el estado de Veracruz, Mexico; Junta Cent. Campana contra la Langosta*. 36 pp.—Veracruz.
7287. [ANONYMOUS.] 1924c. Locusts in Bulgaria during 1923.—*Int. Rev. Sci. and Pract. Agric.*, Rome, (N.S.) 2 (2), pp. 470-471.
7288. [ANONYMOUS.] 1925a. Conocimientos que debe poseer toda persona que aspire a ocupar un puesto en la defensa agricola.—*Dir. Gral. Agr., Min. Agr. (Publ.)*, Buenos Aires, No. 437, pp. 44-79.
7289. [ANONYMOUS.] 1925b. *Los cebos envenenados para combatir la Langosta*. 7 pp.—Tacubaya, Mexico (Secretaria Agric. y Fomento).
7290. [ANONYMOUS.] 1925c. *La Plaga de la Langosta en Mexico*. 171 pp.—Veracruz (Dept. Informacion y Propaganda).
7291. [ANONYMOUS.] 1926a. *Ley federal de Plagas y su reglamento en lo relativo a la Campaña contra la langosta*. 12 pp.—Veracruz (Junta Nac. Directora Compañia contra Langosta).
7292. [ANONYMOUS.] 1926b. Comision Científica Exploradora. Veracruz (Mexico).
7293. [ANONYMOUS.] 1926c. Consejos sencillos para destruir la langosta.—*Bol. Junta Nac. Direct. Campaña Contra la Langosta Mexico*, Veracruz, (Mexico), No. 1, 8 pp.; No. 2, 8 pp. and No. 3, 8 pp.

7294. [ANONYMOUS.] 1926d. Locusts.—*Res. Dev. Cyanogas Calcium Cyanide Sect.*, New York (N.Y.), 7, pp. 31-51. (The American Cyanamide Co.).
7295. [ANONYMOUS.] 1926e. Junta Nacional Directora de la Campaña Contra la Langosta, México.—*Junosta*, Veracruz, 1 (1-11), 8 pp. Ilust.
7296. [ANONYMOUS.] 1926f. Los trabajos científicos del laboratorio biológica.—*Bol. J. Nac. Dir. Campaña Contra la Langosta*, Veracruz, (México), No. 4, 8 pp., 2 figs.
7297. [ANONYMOUS.] 1926g. La langosta devastadora de México —*Bol. J. Wac. Campaña Contra Langosta*, Veracruz, No. 4, 8 pp.
7298. [ANONYMOUS.] 1926h. La campaña contra la langosta.—*Bol. Agric.*, Guatemala, 5, pp. 172-173.
7299. [ANONYMOUS.] 1928. Insect pests in Mexico, May-September, 1928.—*Bol. Mens. Déf. Agric. (Sec.-Agric. Fom.)*, S. Jacinto (Mexico), 11 (6-7), pp. 323-361 ; (8-9), pp. 488-583.
7300. [ANONYMOUS.] 1929. *Papers on Orthoptera and Dermaptera by Rehn and Hebard Individually or Jointly, for the Years 1919 to 1928 Inclusive*. 11 pp.—Philadelphia (Published privately by M. Hebard.)
7301. [ANONYMOUS.] 1931. La lucha contra la Langosta “*tucura*” (*Trigonophymus arrogans* Stål).—(*Publ.*) *Minist. Agric.*, Buenos Aires, No. 874, 17 pp.
7302. [ANONYMOUS.] 1932a. La langosta peregrina invade el territorio.—*Rev. Asoc. rur. Urug.*, Montevideo, 1932 (11), pp. 37-43.
7303. [ANONYMOUS.] 1932b. Insects of citrus.—*Ann. Rep. Plo. Agric. Expt. Sta.*, 1931-32, pp. 71-73.
7304. [ANONYMOUS.] 1932c. La langosta.—*Publ. Mens. Dir. Agron. Minist. Industr. Uruguay*, Montevideo, 5 (1-2), pp. 1-11.
7305. [ANONYMOUS.] 1933. Nuevos conceptos sobre moscas langosticidas.—*Rev. Med. vet.*, Montevideo, 15 (6), pp. 125-137.
7306. [ANONYMOUS.] 1934a. *Informes Balance General y Memoria de la Subcomisión Nacional Contra la Langosta “Mosquita”*. 394 pp. —La Plata.
7307. [ANONYMOUS.] 1934b. Conferencias de propaganda radiotelefonicas pronunciadas durante la campaña 1933-34. —*Com. nac. Déf. Langosta (Min. Agric.)*, Buenos Aires.
7308. [ANONYMOUS.] 1934c. *Lucha Nacional Contra la Langosta. Contribucion Cientifica de la Sociedad Entomologica Argentina*. 134 pp.—Buenos Aires (Minist. Agric.).
7309. [ANONYMOUS.] 1934d. Parásitos mas importantes de la Langosta en la Rep. Argentina. —*Mem. Com. Parasitol. (Min. Agric. Dir. Déf. Agr. San. Veg.)* Buenos Aires.
7310. [ANONYMOUS.] 1935a. *Conferencia Internacional de Expertos en la Lucha contra la Langosta ; realizada en Montevideo del 10-13 Nov., 1934*. 151 pp.—Montevideo. (Dir. Gral. Contr. Lucha Langosta).

7311. [ANONYMOUS.] 1935b. *Subcomision Central contra Langosta Mosquita. Memoria No. 2 Campaña 1934/5.* 29 pp.—Buenos Aires.
7312. [ANONYMOUS.] 1935c. *Destruccion de la Langosta o Chapulin.* 31 pp. —Guatemala.
7313. [ANONYMOUS.] 1936a. *Sporotrichum paranense* March.—*Mem. de la Com. Central de Investig. Sobre la Langosta,* Buenos Aires, pp. 87-90.
7314. [ANONYMOUS.] 1936b. Locust invasion during the season 1934-1935 (Argentina). —*Int. Bull. Pl. Prot.,* Rome, 9, pp. 150-151.
7315. [ANONYMOUS.] 1936c. Organisation de la lutte antiacridienne en Uruguay. —*Matér. Étude Calam.,* Geneva, No. 1, pp. 75-79.
7316. [ANONYMOUS.] 1936d. The problem of the South American Locust, *Schistocerca paranensis* (Burmeister).—*Proc. 4th Int. Locust Conf.,* Cairo, 1936, p. 74.
7317. [ANONYMOUS.] 1936e. La tucura ocasiona perjuicio considerable.—*Bol. Form. Rural (Min. Agr.),* Buenos Aires, 1 (5).
7318. [ANONYMOUS.] 1936f. Lucha contra la langosta en la invasión actual.—*Bol. Form. Rural (Min. Agr.),* Buenos Aires, 1 (8).
7319. [ANONYMOUS.] 1937. *Memoria de la Comision Central de Investigaciones sobre la langosta correspondiente al año de 1935.* 127 pp.—Buenos Aires (Minist. Agric.).
7320. [ANONYMOUS.] 1939a. La langosta en la Republica Argentina.—Buenos Aires (Minist. Agric.).
7321. [ANONYMOUS.] 1939b. Work of the Entomologist.—*Rep. Dept. Agric. Gold Coast, 1937-39,* Accra, 1939, pp. 10-11.
7322. [ANONYMOUS.] 1940. Entomological problems.—*Rep. Counc. sci. industr. Res. Aust. (1938-39),* Canberra, pp. 15-22.
7323. [ANONYMOUS.] 1941. Locusts.—*Rep. Dept. Agric. Uganda. 1939-40,* Entebbe, 1941, p. 8.
7324. [ANONYMOUS.] 1944. *Dirección de Fiscalización y Lucha Contra las Plagas. La lucha moderna contra la langosta (Schistocerca paranensis Burm.). Division Ley 3708.* 11 pp.—Buenos Aires (Minist. Agric.).
7325. [ANONYMOUS.] 1945. Entomology.—*Rep. Dep. Agric. Sierra Leone, 1944,* Freetown, 1945, pp. 9-10.
7326. [ANONYMOUS.] 1946a. Instrucciones sobre la langosta.—*Publ. misc. Minist. Agric.,* Buenos Aires, No. 205, 120 pp.
7327. [ANONYMOUS.] 1946b. *Convenio Interamericano de lucha contra la Langosta.* 8 pp.—Montevideo (Minist. Relaciones Exteriores).
7328. [ANONYMOUS.] 1946c. Comunicación de la delegación de la Salvador.—*Conf. Int. Expertos en la lucha contra la Langosta,* Montevideo, p. 123.
7329. [ANONYMOUS.] 1946d. La langosta en México—*Conf. Int. Expertos en la Lucha Contra la Langosta,* Montevideo, pp. 124-134.

7330. [ANONYMOUS.] 1947. Destrucción de la langosta por medio de cebos toxicos.—*Publ. Misc. Minist. Agric.*, Buenos Aires, No. 265, 8 pp.
7331. [ANONYMOUS.] 1949. Informe de dieciseis meses de labor del Ministerio de Agricultura e Industrias del Gobierno de la Junta Fundadora de la Segunda República.—*Sec. Public y Bibliot.*, San Jose (Costa Rica).
7332. [ANONYMOUS.] 1952. Memoria y balance del ejercicio : lo de enero—31 de diciembre de 1951.—*Mém. Com. interamer. perm. Antiacrid.*, Buenos Aires, 1951, 10 pp.
7333. [ANONYMOUS.] 1954. La lutte contre les acridiens migrants en Afrique occidentale française.—*Dir. Gén. Serv. Econ.*, Dakar, 12 pp., 3 maps. (Mimeograph.)
7334. [ANONYMOUS.] 1955. *Resumen del Informe de Labores de la Secretaria de Agricultura y Ganaderia. Del 1 de Sept. de 1954 al 31 de Agosto de 1955.* Pp. 60-70—México (Talleres Graf. de la Nacion).
7335. ARANA, O. 1938. Informe sobre medidas para combatir la langosta.—*Rev. Agric., Guatemala*, Guatemala, 15 (4), pp. 210-212.
7336. [ARGENTINA.] 1915. Destrucción de plagas.—*Bol. Minist. Agric.*, Buenos Aires, 19 (3-4), pp. 141-143.
- ARMS, J. M. 1890. —See HYATT, A. and ARMS, J. M. 1890.
7337. ASHMEAD, W. H. 1887. Report on insects injurious to garden crops in Florida.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington, 14, pp. 9-29.
7338. ASHMEAD, W. H. 1894. Notes on cotton insects found in Mississippi.—*Insect Life*, Washington, 7, pp. 25-29.
7339. AUDOUIN, J. V and BRULIE, A. 1835. *Histoire naturelle des insectes, traitant de leur organisation et de leurs moeurs en général ; et comprenant leur classification et la description des espèces.* (Orthoptera, Tome, 9, pp. 1-230).—Paris.
7340. [AUSTRALIA.] 1939. Recent work on *Austroicetes cruciate* Sauss., and *Chortoicetes terminifera* Wlk.—*Rept. Waite agric. Res. Inst. S. Austr. 1937-1938*, Adelaide, pp. 40-48.
7341. [AUSTRALIA.] 1942. Entomological investigation. —*15th Rep. Coun. sci. industr. Res. Aust.*, 1940-1941, Canberra, 1942, pp. 17-27.
7342. [AUSTRALIA.] 1946. Aeroplane spraying of locusts. Report on the Gunnedah trial.—*Agric. Gaz. N.S.W.*, Sydney, 57 (11), p. 577.
7343. AYARS, J. S. 1950. Now is the time to hit grasshoppers.—*Success. Fmg.*, Des Moines, 48 (5), pp. 140 ; and 142.
7344. AYRES, H. B. 1894. Grasshopper damage in Minnesota.—*Insect Life*, Washington, 6, p. 373.

B

7345. BAERG, W. J. and ISELY, D. 1938. Entomology.—*Bull. Arkansas agric. Exp. Sta.*, Fayetteville, No. 351, pp. 42-45.

7346. BALL, E. D. 1897. Notes on the Orthopterous fauna of Iowa.—*Proc. Iowa Acad. Sci.*, Des Moines, 7, pp. 234-241.
7347. BALL, E. D. 1915. Estimating the number of grasshoppers.—*J. econ. Ent.*, Concord, 8 (6), pp. 525-527.
7348. BALLOU, H. A. 1919. Insect pests in British Guiana.—*Agric. News*, Barbados, 18 (457), pp. 346-347.
7349. BARANOV, N. I. 1925. *Doclostaurus maroccanus* Thunb., in Montenegro. [In Russian.]—*Déf. des Plantes*, Leningrad, 1 (6), pp. 217-218.
7350. BARNEDA, J. J. 1934. La campaña oficial contra la langosta.—*Pampa Argentina*, Buenos Aires, 1934, p. 1.
7351. BARRAUD, M. 1947. Essais toxicologiques contre les criquets (*Locusta migratoria* L.).—*C. R. Acad. Agric. Fr.*, Paris, 33, pp. 346-351.
7352. BASSO STAJANO, C. and ESCALANTE ROSSI, R. 1947. Contribución al conocimiento del valor bromatológico de la langosta común (*Schistocerca cancellata*) y de sus huevos.—*Rev. Fac. Agron. Montevideo*, Montevideo, No. 44[1946], pp. 229-237.
7353. BATES, M. 1933. Insect parasites of citrus in Central America.—*Florida Ent.*, Gainesville (Fla.), 17 (2-3), pp. 29-32.
7354. BATHIASHVILI, I. D. 1941. The accumulation of *Doclostaurus maroccanus* Thub. on green patches in semi-desert conditions. [In Russian, with English summary.]—*Proc. Georg. Agr. Inst.*, 5(15).
7355. BEAMINT, J. W. L. 1954. Water transport in insects.—*Symp. Soc. exp. Biol.*, Cambridge, No. 8, pp. 94-117.
7356. [BECHUANALAND, AFRICA]. 1924a. Fighting the locust in the Bechuanaland Protectorate and South-West Africa (1923-24 Season).—*J. Dept. Agric. Un. S. Afr.*, Pretoria, 9 (4), pp. 324-328.
7357. [BECHUANALAND, AFRICA.] 1924b. Locust expedition to the Kalahari.—*Circ. Un. S. Afr. Dept. Agric.*, Pretoria, No. D. 6 of 1924, 10 pp., multigraph.
7358. BÉGUET, M. 1914. Essais de destruction du *Stauronotus maroccanus*, Thunb. en Algérie, au moyen du *Coccobacillus acridiorum*, d' Hérelle.—*Bull. Soc. Path. Exot.*, Paris, 7 (8-9), pp. 651-653.
- . BEHURA, B. K. 1954.—See SENGUPTA, G. C. and BEHURA, B. K. 1954.
7359. BEI BIENKO, G. YA. 1940. The existence of permanent breeding areas of the Central Russian Migratory Locust in the Tartar ASSR. [In Russian.]—*Rept. sci. Mtgs. Leningrad inst. Agric.*, Leningrad, No. 5, 3 pp.
7360. BEI BIENKO, G. YA. 1950. Heuschrecken der Gattung *Sphingonotus* Fieb. und ihre nächsten Verwandten (Orthoptera, Acrididae).—*Ent. Umschau (Russ.)*, 31 (1-2).
7361. BEINGOLEA, O. G. 1947. Extracto de un informe sobre la plaga de langosta en el norceste del país.—*Estac. Exp. Agric.*, La Molina (Lima), 6 pp.

7362. BEKUZIN, A. A. 1953. Distribution of Orthopterous insects in the southern part of the Bedpak-dala desert and of the valley of the Tchu river in relation to vegetation and soils. [In Russian.]—*Trud. Muz. Prir.*, Tashkent, 1, pp. 33-48.
7363. [BELGIAN CONGO.] 1934. Déclarations et voeux soumis par la délégation Belge.—*Proc. 3rd int. Locust. Conf. (London, 1934)*, London, Appendix 19, pp. 152-153.
7364. [BELGIAN DELEGATION]. 1938. Principes généraux de l'organisation permanente pour le contrôle des foyers d'origine du criquet nomade (*Nomadacris septemfasciata* Serv.) (Memorandum soumis par la délégation Belge).—*C. R. 5e Conf. int. Res. Antiacridienne (Bruselles, 1938)*, Brussels, p. 265.
7365. BELIKOV, V. V. 1950. Grasshopper and Moroccan Locust in western Georgia. [In Russian.]—*Byull. vsesoyuz. nauch.-issled. Inst. Chaya subtrop. Kult.*, Makharadze, No. 4, p. 136.
7366. BENEDETTI, E. 1950. La percezione degli ultrasuoni in alcuni ortotteri rilevata mediante la registrazione oscillografica delle correnti bioelettriche.—*Ateneo parmense*, Parma, 21, pp. 105-116.
7367. BENLLOCH, M. 1947. Influencia de la humedad y la temperatura sobre la vitalidad y desarrollo de los huevos de langosta.—*Bol. Pta. veg. Ent. agric.*, Madrid, 15, pp. 271-274.
7368. BEREZHKOVA, R. P. 1925. The Acridodea of the Tomsk government. [In Russian.]—*Déf des Plantes*, Leningrad, 2 (4-5), pp. 212-217.
7369. BEREZHKOVA, A. A. 1935. A note on egg-parasites of Siberian Acrididae. [In Russian.]—*Bull. W. Siber. Plant Prot. Sta.*, Novosibirsk, 1 (9), pp. 141-143.
7370. BERG, C. 1881. Entomologisches aus dem Indianergebiet der Pampa.—*Stett. ent. Z.*, Stettin, 42, pp. 36-72.
- BERG, V. L. 1937.—See PAUL, L. C., KING, K. M. and BERG, V. L. 1937.
7371. BERNÈS, J. 1923. Sauterelles et criquets.—*Progr. agric. vitic.*, Toul, 80 (27), pp. 33-34.
7372. BERTONI, G. T. 1935. Resumen del Informe de la Comisión encargada en Junio de 1894 del estudio de la langosta en "El Castigo" (Colombia).—*Conf. Int. Expertos en la Lucha Contra la Langosta*, Montevideo, 1934, pp. 53-59.
7373. BESSEY, C. E. 1877. A preliminary catalogue of the Orthoptera of Iowa.—*Bienn. Rept. Iowa State agric. Coll., for 1876-77*, Des Moines, 7, pp. 205-210.
7374. BETHUNE, C. J. S. 1875. Insects of the northern parts of British America, compiled from Kirby's Fauna Boreali-Americana : Insecta. 2. Orthoptera.—*Canad. Ent.*, London (Ont.), 7, pp. 129-131.
7375. BETHUNE, C. J. S. 1884. *Insects of the northern parts of British America, compiled from Kirby's Fauna Boreali-Americana : Insecta*, 156+14 pp.—London.

7376. BEUTENMÜLLER, W. 1894. Descriptive catalogue of the Orthoptera found within fifty miles of New York City.—*Bull. Amer. Mus. nat. Hist.*, New York, 6, pp. 253-316.
7377. BIEZANKO, C. M. 1934a. Como combater os saltos dos gafanhotos.—*La chacra*, Buenos Aires, 4 [1933].
7378. BIEZANKO, C. M. 1934b. La langosta. Algunas nociones sobre la destruccion de la saltonas por la "espuela de caballero" (*Delp-hinium* sp.).—*La chacra*, Buenos Aires, 4 (44).
7379. BIEZANKO, C. M. 1935. Algunas nocoes historica e gerais sobre as invasoes de gafahantos, etc.—*O Campo*, Rio de Janeiro, 6.
7380. BIGI, F. 1953. Gli ambienti, i parassiti e le malattie del cotone in Africa orientale (Eritrea, Etiopia, Somalia Italiana).—*Riv. agric. subtrop.*, Florence, 47, pp. 162-176.
7381. BIGI, F. 1954. Gli ambienti, i parassiti e le malattie del cotone in Africa orientale (Eritrea, Etiopia, Somalia Italiana).—*Riv. agric. subtrop.*, Florence, 48, pp. 25-42 ; and 113-129.
7382. BILLBERG, G. J. 1820. *Enumeratio insectorum in museo Gust. Joh. Billberg.* 4 + 138 pp.—Holmiae.
- . BINDRA, O. S. 1953.—See PRADHAN, S. and BINDRA, O. S. 1953.
7383. BIOLLEY, P. 1900. Ortopteros recogidos en Costa Rica desde 1890 á 1900.—*Inf. Mus. nac. Costa Rica, 1899-1900*, San José, pp. 41-58, pl.
7384. BIRCH, L. C. and ANDREWARTHA, H. G. 1941. The influence of weather on grasshopper plagues in South Australia.—*J. Dep. Agric. S. Aust.*, Adelaide, 45 (9), pp. 95-100.
- . BJEGOVIĆ, P. 1951.—See STANKOVIĆ, A. and BJEGOVIĆ, P. 1951.
7385. BLACK, D. J. G., GETTY, J., JAMESON, H. R. and PIRIE, H. 1950. The effect of continuous ingestion by poultry of benzene hexachloride.—*Brit. vet. J.*, London, 56, pp. 386-391.
7386. BLAIR, W. F. and HUBBELL, T. H. 1938. The biotic districts of Oklahoma.—*Amer. Midland Nat.*, Notre Dame (Ind.), 20 (2), pp. 425-454.
7387. BLANCHARD, C. E. 1840. *Histoire naturelle des insects Orthoptères, Neuroptères, Hemiptères, Hymenoptères, Lepidoptères et Diptères ; avec une introduction par M. Brullé.*—Paris. [Orthoptera, vol. 3, pp. 1-44, 11 pls.]
7388. BLANCHARD, E.-E. 1937. Dipteros argentinos nuevos o poco conocidos.—*Rev. Soc. Ent. Argent.*, Buenos Aires, 9, pp. 35-58.
7389. BLATCHLEY, W. S. 1891. Some Indiana Acrididae. (I).—*Canad. Ent.*, London (Ont.), 23, pp. 98-100.
7390. BLATCHLEY, W. S. 1892. Some Indiana Acrididae. II.—*Canad. Ent.*, London (Ont.), 24, pp. 28-34.
7391. BLATCHLEY, W. S. 1893. An unusual appearance of *Schistocerca americana*.—*Psyche*, Cambridge (Mass.), 6, pp. 465-466.
7392. BLATCHLEY, W. S. 1894. Some Indiana Acrididae. III.—*Canad. Ent.*, London (Ont.), 26, pp. 217-223 ; and 241-245.

7393. BLATCHLEY, W. S. (1897). Insects in general and the Orthoptera of Indiana in particular. 23 pp.—Indianapolis. (*Extr. Trans. Indiana hort. Soc.*, 1896.)
7394. BLATCHLEY, W. S. 1898a. Some Indiana Acrididae. IV.—*Canad. Ent.*, London (Ont.), **30**, pp. 54-64.
7395. BLATCHLEY, W. S. 1898b. Two new Melanopli from Les Cheneaux Islands, Michigan.—*Psyche*, Cambridge (Mass.), **8**, pp. 195-197.
7396. BLATCHLEY, W. S. 1899. *Gleanings from Nature*. 348 pp., 15 pls., 100 figs.—Indianapolis.
7397. BLUNT, D. L. 1946. Campaign against *Schistocerca gregaria*, Forsk. Pp. 15-17. In Department of Agriculture (Kenya) Annual Report, 1945, 1+125 pp.—Nairobi.
7398. BODENHEIMER, F. S. 1951. *Citrus Entomology in the Middle East, with Special Reference to Egypt, Iran, Irak, Palestine, Syria and Turkey*. xii + 663 p., 43 pls., 154 figs.—The Hague (W. Junk.).
7399. BODKIN, G. E. 1913. Insects injurious to sugar cane in British Guiana and their natural enemies.—*J. Bd. Agric. Brit. Guiana*, Demarara, **7** (1), pp. 29-32.
7400. BODKIN, G. E. 1917. The destructive South American locust in British Guiana. An account of the recent locust infestation.—*J. Bd. Agric. Brit. Guiana*, Demarara, **11**, pp. 3-10.
7401. BOERGER, A. 1949. Fortschritte in der bekämpfung der sud-amerikanischen Wanderheuschrecke.—*Anz. Schadlingsk.*, Berlin, **22**, pp. 180-183.
7402. BOERGER, A. 1954. Las tucuras rioplatenses : enemigos da la producción agropecuaria : medidas de defensa.—*Pampas Argent.*, Buenos Aires, **27** (319), p. 6-7 and (320), pp. 10 ; 47-48.
7403. BOLÍVAR Y URRUTIA, I. 1884a. *Monografía de los Pirgomorfinos*. 154 pp., 4 pls.—Madrid.
7404. BOLÍVAR Y URRUTIA, I. 1884b. *Artrópodos del viaje al Pacífico verificado de 1862 á 1865 por una comisión de naturalistas enviada por el gobierno español. Insectos Neurópteros y Ortopteros*. 114 pp., 3 pls.—Madrid.
7405. BOLÍVAR Y URRUTIA, I. 1887. Essai sur les acridiens de la tribu des Tettigidae.—*Ann. soc. ent. Belg.*, Brussels, **31**, pp. 175-313, 2 pls. (Also as separate, Gano, 1887 ; 139 pp., 2 pls.)
7406. BOLÍVAR Y URRUTIA, I. 1888. Enumération des Orthoptères de l'île de Cuba.—*Mem. Soc. zool. France*, Paris, **1**, pp. 116-164.
7407. BORDAS, L. 1898. Système nerveux sympathique des Orthoptères.—*C. R. Acad. Sci. Fr.*, Paris, **125** [1897], pp. 321-323.
7408. BORODIN, D. N. 1914. On the influence of *Coccobacillus acridiorum* d' Hérelle, on *Locusta (Pachytylus) migratoria* L.—*Ent. Messenger*, Kiev, **2** (1), 31 pp.
7409. BORODIN, D. N. 1913. On the question of the bacteriological method of controlling of locusts (In Russian.)—*Work 1st All-Russian Cong. econ. Ent.*, Kiev, pp. 37-46.

7410. BORODIN, D. N. 1922. The present status of Entomology and Entomologists in Russia. [In Russian.]—*J. econ. Ent.*, Geneva (N.Y.), 15 (2), pp. 172-176.
7411. BOTHELO GOSALVEZ, R. 1946. La geografía boliviana en relación con la langosta.—*Conf. Int. Expertos en la Lucha Contra la Langosta*, Montevideo, 1946, pp. 96-97.
7412. BRANDT, H. 1950. Geradflügler (Orthopteroidea).—*Naturw. Grundbegr. landb. Praxis (Zool.)*, München, 10, 4 pp.
- BRAUN, E. 1952.—See MACVICAR, R. M., BRAUN, E., GIBSON, D. R. and JAMIESON, C. A. 1952.
7413. BRÉDO, H. J. 1932. Les sauterelles au Congo Belge.—*Proc. verb. seance 2eme Conf. int. Res. Antiacridien*, (Paris, 1932), Paris, Annexe 6, pp. 24-25.
7414. BRÉDO, H. J. 1945a. The International Locust Control.—*E. Afr. agric. J.*, Nairobi, 11, pp. 12-16.
7415. BRÉDO, H. J. 1945b. La lutte internationale contre les sauterelles.—*Bull. agric. Congo belge*, Brussels, 36, pp. 3-15.
7416. BRÉDO, H. J. 1946. Le "Gammexane" dans la lutte contre les sauterelles.—*Rep. 1st. int. Congr. Plant Prot.*, Heverles, pp. 485-491.
7417. BRÉDO, H. J. 1947. La lutte contre les sauterelles sur le plan international.—*Parasitica*, Gembloux, 3, pp. 97-106.
7418. BRÉDO, H. J. 1952. Essais sur l'emploi du nouvel insecticide diathyl-p-nitrophenyl-thiophosphate (E 605 Forte) contre les larves du *Nomadacris septemfasciata*.—*Bull. agric. Congo belge*, Brussels, 43, pp. 556-567.
7419. BRENTZEL, W. E. and MUNRO, J. A. 1940. Bacterial ring rot of the potato. Investigation on possible dissemination by grasshoppers.—*Bull. N. Dak. agric. Exp. Sta.*, Fargo, No. 295, 8 pp.
7420. BRETT, C. H. 1950. Residual characteristics of the different insecticides for grasshopper control.—*Proc. amer. Assoc. econ. Ent. North Centr. States*, Br. 5, p. 55.
- [BRITISH COLUMBIA.]—See [DEPARTMENT OF AGRICULTURE, BRITISH COLUMBIA.]
7421. [BRITISH GUIANA.] 1917. The threatened plague of locusts.—*J. Bd. Agric. Brit. Guiana*, Demerara, 10 (3-4), pp. 203-205.
7422. BRONGNIART, C. J. E. 1894. *Recherches pour servir à l'histoire des insectes fossiles des temps primaires, précédées d'une étude sur la nervation des ailes des insectes*. 1 vol. text, 493 pp., 1 vol. atlas, 44 p., 37 pls.—St. Etienne [1893].
7423. BROWN, A. W. A. 1947a. Control of *Camnula pellucida* with DNOC emulsion from aircraft.—*J. econ. Ent.*, Menasha, 40 (4), p. 606.
7424. BROWN, A. W. A. 1947b. Control of *Melanoplus mexicanus* from aircraft with oil bait containing chlordan.—*J. econ. Ent.*, Menasha, 40 (4), p. 607.
7425. BROWN (JR.), W. L. 1947. Centrifugal speciation.—*Quart Rev. Biol.*, Washington, D. C., No. 32, pp. 247-277.

7426. BROWNÉ, P. 1789. *The Civil and Natural History of Jamaica, Containing : I. An Accurate Description of that Island ; its Situation and Soil ; with a Brief Account of its Former and Present State, Government, Revenues, Produce and Trade. II. An History of the Natural Productions, Including the Various Sorts of Native Fossils, Perfect and Imperfect Vegetables ; Quadrupeds, Birds, Fishes, Reptiles and Insects ; with their Properties and Uses in Machanics, Diet and Physic. Illustrated with Forty-Nine Copper plates in which the most Curious Productions are Represented of their Natural Sizes and Delineated Immediately from the Objects by George Dionysius Ehret. There are now added Complete Linnean Indexes and a Large and Accurate Map of the Island.* 2 + 8 + 503 + 46 pp., map, 49 pls.—London.
- . BRUCH, A. C. 1934.—See LAHILIE, F. and BRUCH, A. C., *et. al.* 1934.
- . BRULIÉ, A. 1835.—See AUDOUIN, J. V and BRULIÉ, A. 1835.
7427. BRUNER, L. 1876. New species of Nebraska Acrididae.—*Canad. Ent.*, London (Ont.), 8, pp. 123-125.
7428. BRUNER, L. 1877. List of Acrididae found in Nebraska.—*Canad. Ent.*, London (Ont.), 9, pp. 144-145.
7429. BRUNER, L. 1883a. The Rocky Mountain Locust in Montana in 1880.—*Rept. U. S. ent. Comm.*, Washington, 3, Chap. 2 (pp. 8-20).
7430. BRUNER, L. 1883b. The Rocky Mountain Locust in Wyoming, Montana, etc., in 1881.—*Rept. U. S. ent. Comm.*, Washington, 3, Chap. 3, (pp. 21-52.)
7431. BRUNER, L. 1883c. Notes on other locusts and on the western cricket.—*Rept. U. S. ent. Comm.*, Washington, 3, Chap. 4, (pp. 53-64).
7432. BRUNER, L. 1884. Observations on the Rocky Mountain Locust during the summer of 1883.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington, 4, pp. 51-62.
7433. BRUNER, L. 1885. First contribution to a knowledge of the Orthoptera of Kansas.—*Bull. Wash. Coll.*, Topeka, 1, pp. 125-139.
7434. BRUNER, L. 1886a. Contributions to the north trans-continental survey. Orthoptera.—*Canad. Ent.*, London (Ont.), 17, pp. 9-19.
7435. BRUNER, L. 1886b. Second contribution to a knowledge of the Orthoptera of Kansas.—*Bull. Wash. Coll.*, Topeka, 1, pp. 193-200.
7436. BRUNER, L. 1886c. Report on the abundance of the Rocky Mountain Locust in 1885.—*Rept. U. S. Ent. 1885*, Washington, pp. 303-307.
7437. BRUNER, L. 1887a. Report on locusts in Texas during the spring of 1886.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington, 13, pp. 9-19.
7438. BRUNER, L. 1887b. Report on Nebraska insects.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington, 13, pp. 33-37.

7439. BRUNER, L. 1888. Report of the Entomologist.—*Ann. Rept. Nebr. Bd. Agric., 1888*, Lincoln, pp. 84-130.
7440. BRUNER, L. 1890a. New North American Acrididae found north of the Mexican boundary.—*Proc. U. S. nat. Mus.*, Washington, 12 [1889], pp. 47-82.
7441. BRUNER, L. 1890b. Report on Nebraska Insects.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington, 22, pp. 95-106.
7442. BRUNER, L. 1890c. Report on a local outbreak of grasshoppers in Idaho.—*Insect Life*, Washington, 3, pp. 135-141.
7443. BRUNER, L. 1891a. Report on Nebraska insects.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington, 23, pp. 9-18.
7444. BRUNER, L. 1891b. Report of the Entomologist.—*Ann. Rept. State Bd. Agric. Nebr. 1891*, Lincoln, pp. 240-309.
7445. BRUNER, L. 1891c. Grasshopper notes from Idaho.—*Insect Life*, Washington, 4, p. 146.
7446. BRUNER, L. 1892. Report on destructive locusts.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington, 27, pp. 9-33.
7447. BRUNER, L. 1893a. The more destructive locusts of America north of Mexico.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington, 28, 40 pp.
7448. BRUNER, L. 1893b. Notes on the wing color of North American locusts belonging to the subfamily Oedipodinae and its seeming relation to climatic conditions.—*Science*, New York, 21, p. 133.
7449. BRUNER, L. 1893c. A list of Nebraska Crthoptera.—*Publ. Nebr. Acad. Sci.*, Lincoln, 3, pp. 19-33.
7450. BRUNER, L. 1893d. The insect enemies of small grains.—*Rept. Nebr. State Bd. Agric.*, Lincoln, pp. 359-468.
7451. BRUNER, L. 1893e. Locusts in Colorado—another case.—*Insect Life*, Washington, 4, pp. 33-34.
7452. BRUNER, L. 1893f. Report upon insects injurious in Nebraska during the summer of 1892.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington, 30, pp. 34-41.
7453. BRUNER, L. 1894a. Report on injurious insects in Nebraska and adjoining districts.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington, 33, pp. 9-21.
7454. BRUNER, L. 1894b. A new species of *Pezotettix*.—*Insect Life*, Washington, 7, pp. 41-42.
7455. BRUNER, L. 1894c. Insect enemies of the apple tree and its fruit.—*Rept. Nebr. State hort. Soc.*, Lincoln, pp. 153-224.
7456. BRUNER, L. 1895a. Insect enemies of the grape-vin.—*Nebr. State hort. Rept.*, 1895, Lincoln, pp. 68-162, figs. 1-96.
7457. BRUNER, L. 1895b. Directions for collecting, preparing and preserving specimens of Orthoptera for the cabinet.—*Spl. Bull. Dept. Ent. Univ. Nebr.*, Lincoln, 2, 8 pp.
7458. BRUNER, L. 1895c. Nicaraguan Orthoptera.—*Bull. Lab, nat. Hist. Univ. Iowa*, Iowa City, 3 (3), pp. 58-69, 2 pls.

7459. BRUNER, L. 1897a. Grasshopper report for 1895.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington (N. S.), 7, pp. 31-35.
7460. BRUNER, L. 1897b. Grasshopper report for 1896.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington (N. S.), 7, pp. 36-39.
7461. BRUNER, L. 1897c. The grasshoppers that occur in Nebraska.—*Ann. Rept. Nebr. Bd. Agric. 1896*, Lincoln, pp. 105-138, 35 figs.
7462. BRUNER, L. 1899a. Insect enemies of the apple tree and its fruit.—*Ann. Rept. Nebr. State hort. Soc. 1899*, Lincoln, pp. 119-212, 108 figs.
7463. BRUNER, L. 1899b. Report of the Entomologist. A preliminary report on insect enemies of clover and alfalfa.—*Ann. Rept. Nebr. State Bd. Agric. 1899*, Lincoln, pp. 239-285, 67. figs.
7464. BRUNER, L. 1900-1909a. Orthoptera. Vol. 2. The Acrididae (by L. BRUNER) and the Phasmidae (by R. SHELFORD). pp. viii+1—412. In *Biologia Centrali-Americana*, 13 (2).—Lonn. [The Acrididae, pp. 1-343 (Truxalinae, pp. 3-25, by A. P. MORSE).
Dates of publication : Pp. 1-8, June 1900 ; 9-16, Aug. 1900 ; 17-24, Nov. 1901 ; 25-32, Jan. 1902 ; 33-72, Jan. 1904 ; 73-104, Apr. 1904 ; 105-112, Jan. 1905 ; 113-152, Mar. 1905 ; 153-160, June, 1905 ; 161-176, Oct. 1905 ; 177-192, Jan. 1906 ; 193-200, Aug. 1906 ; 201-207, Oct. 1906 ; 209-240, May 1907 ; 241-248, July 1907 ; 249-256, Feb. 1908 ; 257-288, May, 1908 ; 289-320, Sept. 1908 ; 321-378, Nov. 1908 ; 380-412, Feb. 1909.
7465. BRUNER, L. 1900-1909b. Fam. Acrididae. (Subfamily Tettiginae, pp. 3-25, A. P. MORSE, 1900-1902)—*Biologia Centrali-Americana (Zool., Insecta, Orthoptera)*, London, Vol. 2, pp. i-viii+1—342+379-412 (Index), 4 pls.
[Dates of publication : Pp. 1-16, June 1900 ; 17-24, Nov. 1901 ; 25-40, Jan. 1902 ; 41-72, Jan. 1904 ; 73-104, Apr. 1904 ; 105-112, Jan. 1905 ; 113-152, Mar. 1905 ; 153-160, June, 1905 ; 161-176, Oct. 1905 ; 177-192, Jan. 1906 ; 193-200, Aug. 1906 ; 201-208, Oct. 1906 ; 206-248, May, 1907 ; 249-272, Feb. 1908 ; 273-288, May 1908 ; 289-320, Sept. 1908 ; 321-342, Nov. 1908 ; 379-412 (index), Feb. 1909.]
- . BRUNN, L. K. 1945a.—See ALLEN, T. C. and BRUNN, L. K. 1945a
- . BRUNN, L. K. 1945b.—See ALLEN, T. C., LINK, K. P. IKAWA, M. and BRUNN, L. K. 1945c.
7466. BRUNNER, L. 1902. Killing destructive locusts with fungous disease (*Sporotrichum* sp.).—*Bull. U. S. Bur. Ent.*, Washington, (N. S.) 38, pp. 50-61.
7467. BRUZZONE, R. M. 1934. Observaciones biológicas realizadas en el período invernal de 1933 en el valle de las canchas (Salta), cuenca norte del río Salado y Chaco xerófilo.—*Lucha Nac. Contra la Langosta (Minist. Agric.)*, Buenos Aires, pp. 119-132, 1 map, 14 photos, 1 graph.
7468. BRUZZONE, R. M. 1936. Informe de la Comisión Exploradora.—*Mem. Com. Centr. Investig. Langosta (Minist. Agric.)*, Buenos Aires, No. 4, pp. 139-153.

7469. BRUZZONE, R. M. 1946. Necesidad de organizar una red de observadores e intercambio de informaciones.—*Conf. Int. Expertos de la Lucha Contra la Langosta*, Montevideo, pp. 150-152.
7470. BRUZZONE, R. M. 1952. Informe sobre una expedición al Chaco Boreal y Oriente Boliviano para investigar la formación de mangas de langostas *Schistocerca cancellata* Serville.—[*Sesion extraordinaria*] *Com. Interamer. Perm. Antacid.* [CIPA], Buenos Aires, 1952, pp. 95-142, 1 map. [This is the full title of reference No. 876 in Main Bibliography, 1961, p. 82.]
7471. BRYANT, H. C. 1912. The numbers of insects destroyed by western Meadow Lark (*Sturnella neglecta*).—*Science*, New York, 36, pp. 873-874.
- . BRYSON, H. R. 1954.—See PAINTER, R. H., BRYSON, H. R. and WILBUR, D. A. 1954.
7472. BRZHEZITZKI, P. 1923. [An addition to the article "The locust, danger"]. [In Russian.]—*Cotton Indust.*, Moscow, 2 (1-2 pp. 94-95.
7473. BUCKELL, E. R. 1920. Life-history notes on some species of Acrididae (Orthoptera) found in British Columbia.—*50th Ann. Rept. ent. Soc., Ontario*, 1919, Toronto, 1920, pp. 53-61.
7474. BUCKELL, E. R. 1921a. Locust control.—*Brit. Columbia Dept. Agric.*, Victoria, No. 63. (New Hort. Ser.), 12 pp.
7475. BUCKELL, E. R. 1921b. The locusts of British Columbia.—*Proc. ent. Soc., Brit. Columbia*, Victoria, Nos. 13 & 15 (Econ. Ser.), pp. 113-123.
7476. BUCKELL, E. R. 1922. Grasshopper situation in Nicola valley.—*Agric. J.*, Victoria, 7 (6), pp. 130-131, and 136.
7477. BUCKELL, E. R. 1945. The grasshopper outbreak of 1944 in British Columbia.—*Canad. Ent.*, Guelph, 77 (6), pp. 115-116.
7478. BUDASOFF, N. 1946. *La Langosta. Un mal nacional y Sud-Americano*. 30 pp.—Buenos Aires (Edit. Masaicos).
7479. BUDDENBROCK, W. VON. 1953. *Vergleichende Physiologie. II Nervenphysiologie*. 396 pp., 185 figs.—Basle (Birkhäuser and Co.),
7480. BURGESS, L. E., McNEIL, E. H. and ROLFE, D. T. 1952. Response of certain microorganisms to a pterine compound isolated from developing egg of grasshopper. (Abs.)—*Fed. Proc.*, Washington (D. C.), 11, p.20.
- . BURKHILL, I. H. 1916.—See COWLEY-BROWN, P. C. and BURKHILL, I. H. 1916.

C

7481. CALDERÓN, S. 1931. Insect conditions in El Salvador, Central America.—*Bull. U. S. Insect Pest Surv.* Washington (D. C.), 11 (10), pp. 686-688.
7482. CALDWELL, N. E. H. 1947. Recent locust outbreaks in South Queensland.—*Qd. agric. J.*, Brisbane, 64 (3), pp. 164-167.
- . CALLENBACH, J. A. 1945.—See MILLS, H. B., CALLENBACH, J. A. and REINHARDT, J. F. 1945.

7483. CALLOT, J. 1937. Sur les parasites des sauterelles à Richelieu (Indre-et-Loire). II.—*Ann. Parasit. hum. comp.*, Paris, 15 (3), p. 282.
7484. [CANADA.] 1920. Conference on grasshopper control.—*Agric-Gaz. Canada*, Ottawa, 7 (12), pp. 967-968.
7485. [CANADA.] 1937. Grasshopper menace serious for 1937.—*Press Cop. Dom. Dept. Agric.*, Ottawa, No. 71, 1 p.
- , CARBONELL, C. S. 1954—See RUFFINELLI, A. and CARBONELL, C. S. 1954.
7486. CARLE, G. 1915. La lutte contre les sauterelles.—*Bull. Econ. Madagascar et Dependances*, Tananarive, Nos. 3 and 4, pp. 243-246.
7487. CARLSON, J. G. 1954. Effects of monochromatic ultraviolet radiation on the spindle and mitosis.—*Proc. 1st. int. photobiol. Congr.*, Amsterdam, 1954, pp. 137-138.
7488. CARPENTER, G. H. 1899. *Insects ; their Structure and Life*. xi + 404 pp.—London (J. M. Dent and Co.).
7489. CARPENTER, J. R. 1940. Insect outbreak in Europe.—*J. Anim. Ecol.*, London, 9 (1), pp. 108-147.
7490. CASILDO, BOY. 1910. *Instruccoes practicas para destruicao dos gafanhotos organizadas para facilitar o ensuio do curso theorico-practico dado nos nucleos coloniaes e na Escola Agricola "Luiz de Queiros" em Piracicaba*. 36 pp., 27 pls., 11 figs.—São Paulo. (Duprat and Co.).
7491. CASTRO, E. R. 1947. La plaga de la langosta (*Schistocerca paranensis*) en Costa Rica.—*Bol. Pop. Dept. Agric. C. Rica*, San José, 70, 12 pp.
7492. CATANEI, A. 1944. Nouvelles observations sur des microbes de l'intestin de sauterelles pèlerines envahissant l'Afrique du Nord.—*Arch. Inst. Pasteur Algérie*, Algiers, 22 (3), pp. 166-170.
7493. CATESBY, M. 1731-1743. *The Natural History of Carolina, Florida and the Bahama islands, containing the Figures of Birds, Beasts, Fishes, Serpents, Insects and Plants, etc. Together with Observations on the Air, Soil and Waters, with Remarks upon Agriculture, Grain, Pulse, Root, etc.* 2 vols. Fol. 1, 12 + 100 pp., 100 pls., 1731. 2, 6 + 44 + 100 + 6 pp., map, 100 pls., 1743.—London. [2d ed., London, 1754. 1, 12 + 100 + 44 (4) pp., map, 100 pls. ; 2, 4 + 100 + 20 + (2) pp., 100 + 20 pls.]
7494. CAUDELL, ANDREW, N. 1900. Papers from the Harriman Alaska Expedition. XV Entomological results (9) : Orthoptera.—*Proc. Wash. Acad. Sci.*, Washington, 2, pp. 511-512.
7495. CAULFIELD, F. B. 1886. List of Orthoptera taken in the vicinity of Montreal, P. Q.—*Canad. Ent.*, London (Ont.), 18, pp. 211-212.
7496. CAULFIELD, F. B. 1887. Canadian Orthoptera.—*Canad. Rec. Sci.*, Montreal, 2, pp. 378-383 ; 393-404. Also as separate, 16 pp. [Montreal.]
7497. CAULFIELD, F. B. 1888. A sketch of Canadian Orthoptera—*Rep. ent. Soc. Ont.*, Toronto, 18, pp. 59-72.

7498. CAVALCANTI, M. P. 1908. Praga de gafanhotos.—*Prop. agric. Soc. nac. Agric.*, Rio de Janeiro, No. 8.
7499. CELBGHINI, F. 1950. Let us control the locust.—*Agr. Polesinc*, 2, pp. 70-71.
7500. CHABOUSSOU, F. 1950. L'invasion du criquet migrateur (*Locusta migratoria gallica* Remaudière) dans les Landes de Gascogne.—*Déf. Vég.*, Paris, 5, pp. 29-33.
7501. CHAUVIN, R. 1952. Biologie de l'insectes : progrès récents de la physiologie de l'insectes.—*Rev. zool. agric.*, Talence, 51, pp. 102-106.
7502. CHAUVIN, R. 1953. Biologie de l'insectes : progrès récents de la physiologie de l'insectes.—*Rev. zool. agric.*, Talence, 52, pp. 14-19 ; 54-60 ; 83-90 and 131-148.
7503. CHAUVIN, R. 1954. Biologie de l'insectes : progrès récents de la physiologie de l'insectes.—*Rev. zool. agric.*, Talence, 53, pp. 131-137.
7504. CHEO, MING-TSANG. 1936. A preliminary list of the insect and Arachnids injurious to economic plants in China.—*Peking nat. Hist. Bull.*, Peking, 10 (3), pp. 167-182 ; (4), pp. 291-308.
- . CHETUIRKINA, I. A.—See CHETYRKINA, I. A.
7505. CHETYRKINA, I. A. 1950. Some certain data on the locust fauna of Acrididae (Orthoptera, Acridoidea) of Transcarpathian Ukraine. [In Russian].—*Dokl. Akad. Nauk URSS. (russ.) (C. R. Acad. Sci. USSR.)*, Moscow (N. S.), 70, pp. 729-732.
7506. CHEYSSIAL, M. A. 1922. Expérimentation de la méthode de d'Hérelle en Guinée française pour la destruction des acridiens.—*Ann. Med. & Pharmacol.*, Paris, 20 (3), pp. 341-346.
7507. CHIAROMONTE, A. 1950a. Recent progress in control of locusts.—*Riv. Agric. subtropic.*, Florence, 44, pp. 127-130.
7508. CHIAROMONTE, A. 1950b. The Desert Locust Advisory Committee meeting at Nairobi.—*Riv. Agric. subtrop.*, Florence, 44, pp. 203-208.
7509. CHIAROMONTE, A. 1950c. More adequate control of locusts in Somalia.—*Riv. Agric. subtrop.*, Florence, 44, pp. 287-289.
7510. CHILABERT, J. B. 1916. Instrucciones para combatir la langosta.—*Bol. Dep. Fom.*, Asunción, 2 (8-9), pp. 61-66.
7511. [CHINA.] 1945. Entomology.—*Rep. nat. agric. Res. Bur. China 1932-44*, Peipeh (Szechuan), pp. 23-27.
7512. CHORLEY, J. K. 1939. Report of the Division of Entomology for the year ending 31st December, 1938.—*Rhod. agric. J.*, Salisbury, 36 (8), pp. 598-622. Also as *Bull. Minist. Agric. (S. Rhod.)*, Salisbury, No. 1121, 25 pp. (1939).
7513. CHORLEY, J. K. 1946. Report of the Division of Entomology for the year ending 31st December, 1945.—*Rhod. agric. J.*, Salisbury, 43 (6), pp. 547-562. Also as *Bull. Minist. Agric. (S. Rhod.)*, Salisbury, No. 1377, 17 pp. (1946).
7514. [C. I. P. A.] 1952. *Sesión Extraordinaria del CIPA, 15th Oct., 1951*. 179 pp.—Buenos Aires.

- . CLAASSEN, P. W. 1914.—See HUNTER, S. J. and CLAASSEN, P. 1914.
- . CODERQUE, F. 1923.—See FLORES, J. L. and CODERQUE, F. 1923.
- . COLE, E. 1945.—See ALLEN, T. C., DEXHEIMER, F. J. and COLE, E. 1945*b*.
- . COMSTOCK, A. B. 1895.—See COMSTOCK, J. H. and COMSTOCK, A. B. 1895.
7515. COMSTOCK, J. H. 1880. *Report of the Entomologist of the United States Department of Agriculture for the Year 1879*. Pp. [1-4], 185-262, 1, 6 pls. Washington. (Extr., *Ann. Rept. U. S. Dept. Agric.*, Washington, 1879.)
7516. COMSTOCK, J. H. 1881. *Report of the Entomologist of the United States Department of Agriculture for the Year 1880*. Pp. 1-4, 235-273, 1-4, 24 pls. Washington. (Extr., *Ann. Rept. U. S. Dept. Agric.*, Washington, 1880.)
7517. COMSTOCK, J. H. 1888. *An Introduction to Entomology*. [Part 1]. 4+234 pp.—Ithaca.
7518. COMSTOCK, J. H. 1897-1901. *Insect Life*. vi+349 pp., 18 pls.—New York (D. Appleton & Co.).
7519. COMSTOCK, J. H. and COMSTOCK, A. B. 1895. *A Manual for the Study of Insects*. 12+701 pp., 6 pls.—Ithaca.
7520. COMSTOCK, J. H. and NEEDHAM, J. G. 1898-1899. The wings of insects.—*Amer. nat.*, Ithaca (N. Y.), 32, pp. 43-48 ; 81-89 ; 231-257 ; 335-340 ; 413-424 ; 561-565 ; 769-777 ; and 903-911 ; 33, pp. 117-126 ; 573-582 ; and 845-860.
7521. COMSTOCK, J. H. and SLINGERLAND, M. V. 1890. Insects injurious to fruits.—*Bull. exp. Sta. Corn. Univ. Ent. Div.*, Ithaca, 23, pp. 103-126.
- . CONNIN, R. V. 1953.—See KUITERT, L. C. and CONNIN, R. V. 1953.
7522. COOK, A. J. 1887. Insects injurious to grasses and clovers. In : BEAL's "Grasses of North America", 1, pp. 370-413.—Lansing.
7523. COOK, A. J. 1914. Alfalfa.—*Mthly. Bull. State Comm. Hortic.*, Sacramento, 3 (1), p. 47.
7524. COOK, W. C. 1929. A bioclimatic zonation for studying the distribution of injurious insects.—*Ecology*, Brooklyn, 10 (3), pp. 282-293.
7525. COOLEY, R. A. 1914. Eleventh Annual Report of the State Entomologist of Montana.—*Bull. Mta. Agric. Expt. Sta.*, Bozeman, No. 98, pp. 123-136.
7526. COOLEY, R. A. 1918. Fifteenth Annual Report of the State Entomologist of Montana.—*Bull. Univ. Mta. Agric. Expt. Sta.*, Bozeman, No. 124, pp. 195-208.
7527. COOLEY, R. A. 1919. Seventeenth Annual Report of the State Entomologist of Montana.—*Bull. Mta. Agric. Expt. Sta.*, Bozeman, 133, 15 pp.

7528. COOLEY, R. A., PARKER, J. R. and SEAMANS, H. L. 1918. Grasshopper control in Montana.—*Circ. Univ. Mta. Agric. Expt. Sta.*, Bozeman, No. 76, pp. 119-147.
7529. COQUILLET, D. W. 1886. Report on the locusts of the San Joaquin Valley, California.—*Rept. U. S. Ent. for 1885*, Washington, pp. 289-303.
7530. COQUILLET, D. W. 1889. Notes on Acrididae in Los Angeles, Cal.—*Insect Life*, Washington, 1, pp. 227-228.
7531. COQUILLET, D. W. 1892a. Report on the locust invasion of California in 1891.—*Bull. Div. Ent. U. S. Dept. Agric.*, Washington, 27, pp. 34-57.
7532. COQUILLET, D. W. 1892b. The dipterous parasite of *Melanoplus devastator* in California.—*Insect Life*, Washington, 5, pp. 22-24.
7533. CORKINS, C. L. 1922. Grasshoppers.—*Cir. Off. St. Ent. Colorado*, Fort Collins, No. 36, pp. 39-41.
7534. CORKINS, C. L. 1923. Grasshopper control.—*Cir. Off. St. Ent. Colorado*, Fort Collins, No. 38, pp. 28-31.
7535. CORKINS, J. P. 1950. Two hopper control campaigns planned. *Mta. Fmr. Stockman*, Bozeman, 37 (9), p. 10.
7536. COSTA, J. J., SANTA MARIA, H. C. and LAMDAN, S. 1947. Contribución al estudio del hexacloro-ciclohexano ó 666. Su química y su poder insecticida.—*Publ. Inst. Sanid. Veg.*, Buenos Aires, (A) 3 (26), 35 pp.
7537. COSTA LIMA, A. DA. 1941. Uma nova especie de Propedies. (Orthoptera-Cyrtacanthacridae).—*Acad. Brasil. Cienc.*, Rio de Janeiro, 13 (4), pp. 323-325, 1 pl.
7538. COSTA LIMA, A. DA. 1942. Sobre alguns gafanhotos do grupo Copiocerae (Acrididae, Cyrtacanthacrinae).—*Rev. Brasil. Biol.* Rio de Janeiro, 2 (1), pp. 57-65.
7539. COWLEY-BROWN, P. C. and BURKHILL, I. H. 1916. Locusts in Malacca ; July 1914 to October 1915.—*Gardens Bull. Straits Settlements*, Singapore, 1 (10), pp. 335-349.
7540. CRAIGHEAD, F. C. *et. al.* 1950. Insect enemies of eastern forest.—*Misc. Publ. U. S. Dept. Agric.*, Washington (D. C.), No. 657, ii+679 pp.
7541. CRIDDLE, M. 1913. Insect pests of southern Manitoba during 1912.—*Ann. Rep. ent. Soc. Ont.*, Toronto, 1913, pp. 97-100.
7542. CRIDDLE, N. 1920. Locust control in Prairie Provinces.—*Canada Dept. Agric.*, Ottawa, No. 13, 20 pp.
7543. CRIDDLE, N. 1921. Locusts in Manitoba with special reference to the outbreak of 1919.—*50th Ann. Rept. ent. Soc. Ontario*, 1919, Toronto, 1920, pp. 49-53.
7544. CRIDDLE, N. 1925. Field crickets in Manitoba.—*Canad. Ent.*, Guelph (Ont.), 57, pp. 79-84.

D

- . DA M. RIBEIRO (JR.), A. 1947-1951.—See LIMA, A. D. F., D'ARAUJO E SILVA, A. G., REINIGER, C. H., ALVES, J. and DA M. RIBEIRO (JR.), 1947-1951.
7545. DAGUERRE, J. B. 1936. Informe de la Comisión Exploradora No. 3.—*Com. Centr. de Invest. sobre la langosta, correspondiente al año 1934*, Buenos Aires, pp. 125-144.
7546. DALE, W T 1953. The transmission of plant viruses by biting insects, with particular reference to cowpea mosaic.—*Ann. appl. Biol.*, London, **40**, pp. 384-392.
7547. DALMAN, J. W. 1823. *Analecta Entomologica*. T p., 8+104+(4) pp., 4 pls.—Holmiae.
- . D'ARAUJO E SILVA, A. G. 1947-1951.—See LIMA, A. D. F., D'ARAUJO E SILVA, A. G., REINIGER, C. H., ALVES, J. and DA M. RIBEIRO (JR.), A. 1947-1951.
7548. DARLING, H. S. 1946. Annual Report of the Agricultural Entomologist.—*Rep. Dept. Agric. Uganda, 1944-45*, Entebbe, Pt. 2, pp. 25-30.
7549. DAVATCHI, A. 1947. *Locusta migratoria* L. attaquant les régions nord de l'Iran. [In Persian.]—*Ent. & Phytopath. appl.*, Teheran, No. 5, pp. 52-57.
7550. DEVENPORT, C. B. 1900 [1901.] Variation and correlation in the tibial spines of *Melanoplus*.—*Proc. Amer. Ass. Adv. Sci.*, Boston, **49**, p. 225.
- . DAVIES, D. E. 1952.—See GUNN, D. L., HUNTER-JONES, P. and DAVIES, D. E. 1952.
7551. DAVIS, W. T. 1924. *Melanoplus differentialis* (Thomas), a new grasshopper to the State of New York.—*J. N. Y. ent. Soc.*, New York, **32** (4), p. 215.
7552. DAVIS, W. T. 1925. The grasshopper, *Melanoplus differentialis*, on Staten Island, N. Y.—*Bull. Brooklyn ent. Soc.*, Lancaster (Pa.), **20** (5), p. 199.
7553. DAWSON, G. M. 1877. Notes on the appearance and migrations of the locust in Manitoba and the North-West territories, summer of 1875.—*Canad. Nat.*, Montreal (N. S.), **8**, pp. 207-226.
7554. DAWSON, G. M. 1878. Notes on the locust in the North-West in 1876.—*Canad. Nat.*, Montreal (N. S.), **8**, pp. 411-417.
7555. DAY, M. F. 1951. Studies on the digestion of wool by insects. III. A comparison between the tracheation of the midgut of *Tineola* larvae and that of other insect tissues.—*Aust. J. sci. Res.*, Melbourne (B), **4** (1), pp. 64-74.
7556. DEAN, G. A. and KELLY, E. G. 1920. Organization for grasshopper control.—*J. econ. Ent.*, Concord, **13** (2), pp. 237-242.
7557. DEAN, G. A., KELLY, E. G. and FORD, A. L. 1919. Grasshopper control in Kansas.—*J. econ. Ent.*, Concord, **12** (2), pp. 213-217.
- . DEAN, H. A. 1950.—See GAINES, J. C. and DEAN, H. A. 1950.

7558. DECARY, R. 1925. Les invasions de criquets à Madagascar (*Pachytilus migratoroides* Reich).—*Bull. Soc. ent. Fr.*, Paris, No. 17, pp. 290-292.
7559. DECKER, G. C. 1950. Grasshopper control with some of the newer insecticides.—*Proc. amer. Assoc. econ. Ent. North Centr. States Br.*, 5, p. 55.
- . DE GEER, K. 1752-1778.—*See* GEER, K. DE, 1752-1778.
7560. DEKHTIAREV, N. S. 1925. A new parasite of the Italian Locust. [In Russian].—*Prot. Plants Ukraine*, Kharkov, 1925, pp. 60-62.
7561. DEL VALLE, R. G. 1950. The red locust (*Nomadacris septemfasciata*).—*Gaz. Agric.*, Beziers, 2, pp. 150-155.
7562. DENIER, P. C. L. 1934. Informe de la Comisión Exploradora No. 1.—*Com. Centr. de Invest. sobre la Langosta*, Buenos Aires, pp. 51-66.
7563. DE ONG, E. R. 1918. Flies associated with a grasshopper outbreak.—*J. econ. Ent.*, Concord, 11 (6), p. 480.
7564. [DEPARTMENT OF AGRICULTURE, BRITISH COLUMBIA.] 1945. *Thirty-ninth Annual Report of the Department of Agriculture (British Columbia) for the year 1944*. 176 pp., 1 pl.—Victoria, B. C.
7565. [DEPARTMENT OF AGRICULTURE, BRITISH COLUMBIA.] 1946. *Fortieth Annual Report for the year 1945*. 186 pp.—Victoria, B. C.
7566. [DEPARTMENT OF AGRICULTURE, BRITISH COLUMBIA.] 1947. *Forty-first Annual Report for the year 1946*. 198 pp.—Victoria, B. C.
7567. [DEPARTMENT OF AGRICULTURE, BRITISH COLUMBIA.] 1948. *Forty-second Annual Report for the year 1947*. 189 pp.—Victoria, B. C.
7568. [DEPARTMENT OF AGRICULTURE, BRITISH COLUMBIA.] 1949. *Forty-third Annual Report for the year 1948*. 228 pp.—Victoria, B. C.
- . DEXHEIMER, F. J. 1945.—*See* ALLEN, T. C., DEXHEIMER, F. J. and COLE, E. 1945b.
7569. DICK, J. 1950. A third series of insecticide tests against the elegant grasshopper (*Zonocerus elegans*).—*Proc. S. Afr. Sug (Tech. Ass.)*, Durban, 24, pp. 95-98.
7570. DIETZ, R. A. 1953. Field notes on *Neorhynchocephalus sackenii* (Williston) in Missouri.—*Bull. Brooklyn ent. Soc.*, Lancaster (Pa.), 48, pp. 38-39.
7571. DIRSH, V. M. 1951. A new biometrical phase character in locusts.—*Nature*, London, 167, p. 281.
- . DOBROMUSILOV, D. 1937.—*See* KOKINA, E. and DOBROMUISLOV, D. 1937.
7572. DODGE, G. M. 1876. New species of Acridini from Nebraska.—*Canad. Ent.*, London (Ont.), 8, pp. 9-12.

7573. DODONOV, B. A. 1936. On the comparative resistance of some species of insects to the arsenic and fluorine insecticides, [In Russian, with Summary in English.]—*Bull. Plant Prot.*, Leningrad, (3) 7, pp. 55-77.
7574. DOMENICHINI, G. 1947. Apparizione di cavallette in Lombardia.—*Bull. Zool. agr. Bachic.*, Turin, 14 (3), pp. 27-43.
- DRENOWSKI, A. K.—See DRYENOVSKI, A. K.
7575. DRURY, D. 1770-1782. *Illustrations of Natural History, wherein are Exhibited upwards of Two Hundred and Forty Figures of Exotic Insects, according to their Different Genera ; very Few of which have Hitherto been Figured by any Author, being Engraved and Coloured from Nature, with the Greatest Accuracy, and Under the Author's own Inspection ; with a Particular Description of each Insect.*—3 Vols., 1, 28+130 pp., 50 pls.; 2, 7+92 pp., 50 pls.; 3, 26+76 pp., 50 pls.—London. [See also PANZER, G. W. F., 1785—1788.]
7576. DRYENOVSKI, A. K. 1925a. An outbreak of locusts in Sofia in 1919. [In Bulgarian.]—*Sp. Zem. Izpit. Inst. Bulg.*, Sofia, 3 (2-3), pp. 251-262. Abstract in *Déf. des plantes*, Leningrad, 2 (6), pp. 379-380.
7577. DRYENOVSKI, A. K. [DRENOWSKI, A. K.] 1925b. Eine neue Methode der Heuschreckenbekämpfung in Bulgarien.—*Zeit. angew. Ent.*, Berlin, 11 (3), pp. 452-455.
7578. DUNCAN, J. 1840. *Introduction to Entomology : Comprehending, a General View of the Metamorphoses, Internal Structure, Anatomy, Physiology, and Systematic Arrangement of the various Orders, and a Tabular view of the whole Class of Insects.*—331 pp., 38 pls.—London (Jardine's Naturalists' Library, 29).
- DUTTA, D. K. 1952.—See KAPUR, A. P. and DUTTA, D. K. 1952.

E

7579. EBELING, W. 1950. *Subtropical Entomology.* ix [+1]+747 pp., 575 figs, 20 maps.—San Francisco (Lithotype Process Co.).
7580. EGO-AGUIRRE, A. 1946. Las langostas de Jaén. Informe del viaje efectuado a la zona infestada por la langosta.—*Inf. Estac. Exp. Agric. La Molina*, Lima, No. 61, 25 pp., 1 map.
7581. ELLIS, P. E. 1950. Marching in locust hoppers (*Locusta migratoria migratorioides*) of the solitary phase.—*Nature*, London, 166, p. 151.
7582. ENDREDUY, S. R. 1924. *Decretos, circulares e instrucciones para el combate de la langosta en el estado de Veracruz.* —Veracruz (Junta Centr. Camp. Langosta).
- ESCALANTE ROSSI, R. 1947.—See BASSO STAJANO, C. and ESCALANTE ROSSI, R. 1947.
7583. EVANS, POLE, J. B. 1916. The causes of the failure of locust fungus.—*S. Afr. J. Sci.*, Cape Town, 13 (3), p. 100.

7584. EVESTROPOF, E. 1946. Note sur quelques Orthopteres del Iran, [In French and Persian.]—*Ent. & Phytopath. appl.*, Teheran, No. 1, pp. 12-14.

F

7585. FABRICIUS, J. C. 1775. *Systema entomologiae, sistens insectorum classes, ordines, genera, species, adjectis synonymis, locis, descriptionibus, observationibus.* 32+832 pp.—Fiensburgi et Lipsiae.
7586. FABRICIUS, J. C. 1781. *Species insectorum exhibentes eorum differentias specificas, synonyma auctorum, loca natalia, metamorphosin adjectis observationibus, adumbrationibus.* 2 vols. 1, 8+552 pp.; 2, 2+494 pp.—Hamburgi et Kiloniæ.
7587. FABRICIUS, J. C. 1787. *Mantissa Insectorum stens eorum species nuper detectas adjectis characteribus genericis, differentiis specificis, emendationibus, observationibus.* 2 vols. 1, 20+348 pp.; 2, 2+382 pp.—Hafniae.
7588. FABRICIUS, J. C. 1792-1794. *Entomologia systematica emendata et aucta, secundum classes, ordines, genera, species, adjectis synonymis, locis, observationibus, descriptionibus.* 4 vols. in 7.—Hafniae. (Ulonata [Orthoptera], 2, pp. 1-62, 1793.)
7589. FABRICIUS, J. C. 1797. *Epitome entomologiae Fabricianae siva Nomenclator entomologicus emendatus sistens Fabricianam systematis cum Linneano comparationem adjectis characteribus ordinum et generum, speciebus novis aliorum entomologorum insectorum habitationibus nominibus germanorum francogallorum anglorum cum indicibus et bibliotheca fabricana.* 16+224 pp.—Lipsiae. (The same. Editio novo, 1810, 16+224 pp.—Lipsiae.)
7590. FABRICIUS, J. C. 1798. *Supplementum Entomologiae systematicae.* [4]+572 pp.—Hafniae.
7591. FAURE, J. C. 1923. The life-history of the Brown Locust, *Locustana pardalina* (Walker).—*Bull. Transvaal Univ. Coll.*, Pretoria, 4, 30 pp., 2 pls.
7592. FELT, E. P. 1915. Grasshopper control in New York State.—*J. econ. Ent.*, Concord, No. 2, pp. 227-230.
7593. FELTON, S. 1764. An account of a singular species of wasp and locust.—*Philos. Trans. R. Soc. Lond.*, London, 54, pp. 53-57.
7594. FENTON, F. A. 1941. The insect pest record for Oklahoma, 1940.—*Proc. Okla. Acad. Sci.*, Guthrie, 21, pp. 25-28.
7595. FENTON, F. A. 1942. The insect pest record for Oklahoma, 1941.—*Proc. Okla. Acad. Sci.*, Edmond, 22, pp. 45-51.
7596. FERNALD, C. H. 1888. The Orthoptera of New England.—*Ann. Rept. Mass. Agric. Coll.*, Boston, 25 (Pub. Doc., 1888, No. 31), pp. 89-145. Also as separate, 61 pp., Boston.
7597. FERNALD, H. T. 1921. *Applied Entomology. An Introductory Text-book of Insects in their relation to Man.* xiv + 386 pp., 388 figs.—New York and London (McGraw Hill Book Co.).

7598. FERNÁNDEZ, F. J. 1936. Procedimientos de lucha contra la langosta tucura on su estado de mosquita.—*Bol. Form. Rural. Min. Agric.*, Buenos Aires, 1 (30).
7599. FERREIRA GUERRERO, R. 1946. El problema de la langosta en la Paraguay.—*Conf. Int. Expertos en la Lucha Contra la Langosta*, Montevideo, pp. 98-100.
7600. FERREIRA LIMA, A. D. 1946. La langosta en el Brasil.—*Conf. Int. Expertos en la Lucha Contra Langosta*, Montevideo, pp. 93-95.
7601. FIELITZ, F. 1935. Contribución a la lucha biológica contra la langosta por medio de bacterias.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, 1934, pp. 71-75.
7602. FILATOV, K. N. 1940. The decrease of the norm of sodium arsenite as a control measure against the Siberian grasshopper (*Gomphocerus sibiricus* Linn.) [In Russian.]—*Bull. Plant Prot.*, Leningrad, Nos. 1-2, pp. 202-203.
7603. FISCHER, G. 1935a. Plan de experimentacion de metodos langosticidas.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, 1934, pp. 82-85.
7604. FISCHER, G. 1935b. La utilizacion del aeroplano contra la langosta, —*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, 1934, pp. 101-104.
7605. FISCHER VON WALDHEIM, G. 1839. Locustarum quaedam genera aptera novo examini submissa.—*Bull. Soc. imp. nat. Moscou*, Moscow, 12, pp. 99-114, 1 pl.
7606. FISCHER VON WALDHEIM, G. 1846. Index Orthopterorum societati traditorum.—*Bull. Soc. imp. nat. Moscou*, Moscow, 19, pp. 468-482, 1 pl.
7607. FITZGERALD, L. R. 1949. The alkaline phosphatase of the developing grasshopper egg.—*J. exp. Zool.*, Philadelphia, 110, pp. 461-487.
7608. FLETCHER, J. 1885. *Report of the Entomologist (to the Department of Agriculture) for 1885*. 56 pp.—Ottawa.
7609. FLETCHER, T. B. 1913. Note on insects attacking the paddy plant in southern India.—*Madras Dept. Agric. Bull.*, Madras, 3 (67), 10 pp., 2 pls.
7610. FLINT, W. P. 1918. The more important insecticides and repellents.—*Illinois Dept. Regis. & Educ. (Nat. Hist. Surv.)*, Springfield, No. 1, 6 pp.
7611. FLORES, J. L. and CODERQUE, F. 1923. Estudios sobre el "Coccobacillus acridiorum" de d'Herelle.—*Bol. Agric. téc. econ.*, Madrid, 15 (170), pp. 176-179.
- . FLUKE, C. L. 1925.—See PAINTER, H. R., FLUKE, C. L. and GRANOVSKY, A. A. 1925.
7612. FORBES, S. A. 1884. *Report of the State Entomologist on the Noxious and Beneficial Insects of the State of Illinois*. No. 13,203 + 21 pp.—Springfield.

7613. FORBES, S. A. 1885. *Report of the State Entomologist on the Noxious and Beneficial Insects of the state of Illinois*. No. 14, 7+136 pp.—Springfield.
- . FORD, A. L. 1919.—See DEAN, G. A., KELLY, E. G. and FORD, A. L. 1919.
- . FORD, A. L. 1922.—See LARRIMER, W. H. and FORD, A. L. 1922.
7614. FRAPPA, C. 1939. Madagascar : Behaviour of the Red Locust (*Nomadacris septemfasciata*) from 1935 to 1938.—*Int. Rev. Agric.*, Rome, 30 (8), pp. M 177—M 179.
7615. FRAPPA, C. 1947. La question acridienne a Madagascar.—*Agron. trop.*, Nogent-sur-Marne, 2 (3-4), pp. 125-149.
7616. FREEMAN, W. G. 1915. Report on locusts in Venezuela.—*Bull. Dept. Agric. Trinidad & Tobago*, Port of Spain, 14 (6), pp. 191-194.
- . FRITZ, R. F. 1942.—See WILBUR, D. A., FRITZ, R. F. and PAINTER, R. H. 1942.
7617. FROGGATT, W. W. 1922. Arsenite of soda, the best defence against grasshoppers.—*Agric. Gaz. N. S. W.*, Sydney, 33 (2), p. 87.
7618. FULLER, C. 1914. Locust campaign, Cape Midlands, 1913.—*Agric. J. Un. S. Afr.*, Pretoria, 7 (1), pp. 30-34.
7619. FUSCHINI, C. 1914. Di un fattore non sufficientemente studiato nella utilizzazione dei microorganismi parassiti d'insetti nocivi.—*Rev. Vitic. Agrar.*, Conegliano, (5) 20 (4), pp. 74-76.

G

- . GAINES, J. C. 1950.—See MAGEE, W. J. and GAINES, J. C. 1950.
7620. GAINES, J. C. and DEAN, H. A. 1950. Grasshopper control.—*Progr. Rept. Tex. agric. Exp. Sta.*, College Station, No. 1235, 2 pp.
7621. GARCÍA SOLORZANO, A. 1947. La plaga de langosta invasoras en Loja.—*Bol. Cãm. Agric.*, Ecuador (Segunda Zone), 1 (4), pp. 11-14.
7622. GARMAN, H. 1894a. The Orthoptera of Kentucky.—*Ann. Rept. Kent. Agric. exp. Sta.*, Frankfort, 1894, 6, pp. 23-30. Also as separate, 10 pp. [Lexington, 1894].
7623. GARMAN, H. 1894b. Destructive locusts in Kentucky.—*Bull. Kent. agric. Exp. Sta.*, Lexington, No. 49, pp. 7-22.
7624. GAULDEN, M. E. and TOTTER, J. R. 1954. Effect of X-rays on nucleic acid synthesis and on mitosis.—*9th Int. Congr. Genet.*, Bellagio (1953), p. 1095 (Caryologia Suppl.).
7625. GEER, K. DE. 1752-1778. *Memoires pour servir a l'histoire de insectes*. 7 vols. Stockholm. [Orthoptera, vol. 3, pp. 399-554, 5 pls., 1773.] See also GOEZE, J. A. E. and STÅL, C., *Rec. Orth.*
- . GETTY, J. 1950.—See BLACK, D. J. G., GETTY, J., JAMESON, H. R. and PIRIE, H. 1950.

7626. GIBSON, A. 1915a. Experiments with poisoned bran baits for locust control in Eastern Canada.—*45th Ann. Rept. ent. Soc. Ontario*, Toronto, pp. 97-102.
7627. GIBSON, A. 1915b. Locust control work in Eastern Canada in 1915.—*Agric. Gaz. Canada*, Ottawa, 2 (10), pp. 937-940.
- . GIBSON, D. R. 1952.—See MACVICAR, R. M., BRAUN, E., GIBSON, D. R. and JAMIESON, C. A. 1952.
7628. GIGLIO-TOS, E. 1897. Ortotteri raccolti nel Darien dal Dr. E. Festa. III. Acrididae-Gryllidae.—*Boll. Mus. Zool. Univ. Torino* Torino, 12 (301), pp. 1-10.
7629. GIL, M. 1933a. Las dos amenazas.—*La Nación*, Buenos Aires, 1933 (Aug. 23), p. 1.
7630. GIL, M. 1933b. Para 1939-40 debemos esperar otra gran invasión.—*Pampa Argent.*, Buenos Aires, 7, p. 69.
7631. GILBERT, H. A. and THOMPSON, R. W. 1937. The grasshopper outbreak in Ontario in 1936.—*Rept. ent. Soc. Ont.*, Toronto, 67, [1936], pp. 65-68.
7632. GIMENEZ, A. J. B. 1950. Breve reseña de los trabajos efectuados por el servicio técnico de lucha contra la langosta en el Paraguay desde el año 1947.—*Reunion Comite Interamericano permanente Artiacridiano [CIPA]*, Asunción, 1950, pp. 35-50.
7633. GIRARD, M. 1873-1885. *Les Insectes : Traite Elementaire d'Entomologie*. 3 vols. and atlas.—Paris. (Orthoptera, 2, pp. 1-259, pls. 61-63, 1879.)
7634. GMELIN, J. F. 1788-1793. *Caroli a Linné Systema naturae per regna tria naturae secundum classes, ordines, genera, species cum characteribus, differentiis, synonymis, locis. Editio decima tertia, aucta, reformata*. III tomi in 10 vol.—Lipsiae. (Orthoptera, 1, paras. iv, pp. 2338-2088, 1788.)
- 7635.—GMELIN, J. F. 1789-1796. *Caroli a Linné Systema naturae per regnatia naturae secundum classes, ordines, genera, species cum characteribus, differentiis, synonymis, locis. Editio decima tertia, aucta, reformata*. X tomi.—Lugduni Batavorum. (Orthoptera, 4, pp. 2038-2088, 1789.)
- 7635a. GOETSCH, W. 1947. Der Einfluss von Vitamin T auf Gestalt und auf Gewohnheiten von Insekten.—*Osterr. zool. Z.*, Vienna, 1 (3-4), pp. 193-274.
7636. GOEZE, J. A. E. 1777-1781. *Entomologische Beitrage zu des Ritter Linné zwölften Ausgabe des Natursystems*. 3 vols. in 5.—(Leipzig.—Orthoptera, 2 pp. 1-116, 1778).
7637. GOEXE, J. A. E. 1778-1783. *Des Herrn Baron Karl de Geer Abhandlungen zur Geschichte der Insecten aus dem französischen übersetzt und mit anmerkungen herausgegeben von J. A. E. GÖAZE*. 7 vols. in 8.—Nürnberg. (Orthoptera, 3, pp. 260—358, pls. 21-25, 1780).
7638. GOMEX, M. P. 1934. Informe de la Comision Exploradora. No. 9.—*Com. Centr. de Invest. sobre la langosta*, Buenos Aires, p. 207.

7639. GONZALEZ, B. 1915. Informes sobre destrucción de la langosta.—*Rev. Agric.*, Bogotá, 1 (4), pp. 210-211.
7640. GOODERHAM, C. B. 1916. Three injurious Acridians of Nova Scotia.—*8th Ann. Rept. Quebec. Soc. Plant Prot. insect and fungus diseases.*, (1915-1916), Quebec, pp. 89-91.
7641. GOODERHAM, C. B. 1917. The Acrididae of Nova Scotia.—*Proc. Ent. Soc. Nova Scotia*, 1916, Truro, No 2, pp. 21-30, 1 pl.
7642. GOSS, R. W. 1928. Transmission of potato spindle-tuber by grasshoppers (Locustidae).—*Phytopath.*, Lancaster (Pa.), 18 (5), pp. 445-448.
- . GOSSARD, H. A. 1891a.—See OSBORN, H. and GOSSARD, H. A. 1891a.
- . GOSSARD, H. A. 1891b. —See OSBORN, H. and GOSSARD, H. A. 1891b.
7643. GOUGH, H. C. 1945. *A Review of the Literature on Soil Insecticides*. 161 pp.—London (Imp. Inst. Ent.).
7644. GRABER, V. 1877-1879. *Die Insekten*. 2 vols, viii+1008 pp.—Münich.
7645. GRADOJEVI, M. 1933. *The Moroccan Locust in Vojvodina and its control*. [In Serbian.] 23 pp.—Novi Sad.
7646. GRADOJEVIC M. 1948. Control of locusts in Montenegro in 1946. [In Serbian, with a summary in Russian.]—*Ochr. Rost.*, Prague, 19-20, pp. 46-49.
- . GRANOVSKY, A. A. 1925.—See PAINTER, H. R., FLUKE, C. L. and GRANOVSKY, A. A. 1925.
7647. GRANOVSKY, A. A. 1925. The organised cooperative campaign against grasshopper in Wisconsin.—*J. econ. Ent.*, Genev (N. Y.), 18 (1), pp. 73-83.
7648. GRASSÉ, P. P. 1927. Notes sur les Orthoptères français. IV Orthopterès observés dans le département de la Dordogne.—*Feuill. Nat.*, Paris, 46 [1925] pp. 20-25.
7649. GRASSÉ, P. P. and TUZET, O. 1928. Supplément au catalogue des Orthoptères de la Dordogne.—*Bull. Soc. Ent. Fr.*, Paris, 1928, pp. 165-168.
7650. GRATCHEV, A. 1917. A new method of destroying locusts (the bacteriological method). [In Russian.]—*Agric. Turkestan*, Tashkent, 12 (2), pp. 110-116.
7651. GRATCHOV, A. V. 1914. On the question of bacterial method of controlling locusts. [In Russian.]—*J. Microbiol.*, Petrograd, Nos. 1-2, p. 175.
7652. GRAYSON, J. M. 1951. Acidity-alkalinity in the alimentary canal of twenty insect species.—*Virginia J. Sci.*, Richmond, Va, (N. S.), 2, pp. 46-59.
7653. [GREAT BRITAIN.] 1950. International co-operation against the locust.—*Centr. Off. Inform. (Ref. Div.)*, London, 9 pp.
7654. GREBENŠIKOV, O. 1947. The occurrence of *Acrotylus longipes* (Charpentier, 1845) in Yugoslavia (Orthoptera, Acrididae).—*Proc. R. ent. Soc. Lond.*, London, (A) 22, pp. 10-12.

7655. GREBENSIKOV, O. 1949. Les Orthoptères des environs de Beograd. [In Serbian, with Russian and French summaries.]—*Glasnik Prirodnjackog muzeja srpske zemlje*, (Bull. Mus. Hist. nat. Pays Serbe), Belgrade (B), Nos. 1-2, pp. 243-273.
7656. GRESTAECKER, C. E. A. 1873, *Acridiodea nonnulla nova insigniora*.—*Stett. ent. Z.*, Stettin, 34, pp. 185-197.
7657. GRIFFITHS (JR.), J. T. and THOMPSON, W. L. 1948. Grasshopper (*Schistocerca americana*) prospects for the fall of 1948.—*Citrus Ind.*, Tampa, 29 (9), pp. 7 and 18.
7658. GROFF, C. G. 1923. Grasshopper control in Alberta.—*Agric. Gaz. Canada*, Ottawa, 10 (5), pp. 436-440.
7659. GUEDES, G. 1919. Estincao dos gafanhotos. Quadro Synoptico.—*Bol. Agric.*, São Paulo, 20 (9), p. 434.
7660. GUÉRIN-MÉNEVILLE, F. E. 1829-1844. *Iconographie du règne animal de G. Cuvier, ou Representations d'après nature de l'une des espèces les plus remarquables et souvent non encore figurées de chaque genre d'animaux ; pouvant servir d'atlas à tous les traités de zoologie. Insectes.* 576 pp., 104 pls.—Paris.
7661. GUÉRIN-MÉNEVILLE, F. E. 1857. Animaux articulés a pieds articulés. In SAGRA, RAMON DE LA, "Histoire physique, politique et naturelle de l'île de Cuba?" Text ; planches, fol.—Paris (Orthoptera, pp. 328-358 ; pl. 12.)
7662. GUICE, O. T. and LYLE, C. 1940. The response of the American Grasshopper (*Schistocerca americana*) to several baits and attractants.—*J. Missi. Acad. Sci.*, 2, pp. 43-44.
7663. GUILD, A. S. 1947. La langosta *Schistocerca cancellata* y su control—*Rev. Fac. de Agron.*, Montevideo, No. 44.
7664. GUNDLACH, J. 1890-1891. Contribucion a la entomologia cubana. Tomo 2.—Habana, [1886 —1891] (Parte cuarta, Orthopteros, pp. 287-396, issued in 1890 and 1891.)
7665. GUNN, D. L. and KENNEDY, J. S. 1936. An apparatus for investigating the reactions of land arthropods to humidity.—*J. exp. Biol.*, Cambridge, 13, pp. 450-459.
7666. GUNN, D. L., HUNTER-JONES, P. and DAVIES, D. E., 1952. Laboratory experiments on phase differences in locusts : Statistical analysis of data on selection experiments.—*Anti-Locust Bull.*, London, No. 12, 37 pp.
7667. GUPTA, P. D. 1950. On the structure, development and homology of the female reproductive organs in orthopteroid insects.—*Indian J. Ent.*, New Delhi, 10, pp. 75-123.
7668. GYRISCO, G. G. and MARSHALL, D. S. 1951. Further studies of the control of insects of red clover in New York—*J. econ. Ent.*, Menasha, 44, pp. 785-791.

H

7669. HAGIWARA, S. 1953. Neuro-muscular transmission in insects.—*Jap. J. Physiol.*, Nagoya, 3, pp. 284-296.

7670. HALDEMAN, S. S. 1852. Appendix C. Insects. In Stansbury Howard, Exploration and Survey of the Valley of the Great Salt Lake of Utah, including a Reconnoissance of a New Route through the Rocky Mountains. Printed by order of the Senate of the United States. 366-379 pp., pls. 9-10.—Washington. [Another edition with same title and pagination "printed by order of the House of Representatives of the United States".—Washington, 1853.]
7671. HAMBLETON, E. J. 1947. Comentarios acerca de la situación actual de la langosta y sugerencias para mejorar los métodos de control.—*Bol. Cám. Agric.*, Ecuador, Segunda Zona, 1 (4), pp. 5-8.
7672. HAMBLETON, E. J. 1949. El problema de la langosta en El Ecuador, con explicaciones y consejos para su resolución. *Dir. Tec. Agr. Min. Econ.*, Quito (Ecuador).
7673. HANCOCK, J. L. 1895. A new *Tettix*.—*Amer. Nat.*, Philadelphia, 29, pp. 761-762.
7674. HANCOCK, J. L. 1896. On Illinois grouse locusts.—*Trans. Amer. ent. Soc.*, Philadelphia, 23, pp. 235-244, 4 pls.
7675. HANCOCK, J. L. 1898. The species of the new genus *Neotettix*, with a key to the genera of North America Tettigidae.—*Ent. News*, Philadelphia, 9, pp. 137-141, 1 pl.
7676. HANCOCK, J. L. 1899. A new species of *Nomotettix* from Kansas.—*Ent. News*, Philadelphia, 10, p. 8.
7677. HANN, W. DE. 1842. Bijdragen tot de kennis der Orthoptera In Verhandelingen over de natuurlijke geschiedenis der nederlandsche overzeesche bezittingen door de leden der natuurkundige commissie in Indie en andere schrijvers. Utgegeven door Koenraad Jacob Temminck. Leiden. (1842-1844). (Orthoptera, pp. 45-248 and pls. 10-23, issued in 1842.)
7678. HANSEN, H. J. 1886. (?). En nordamerikansk vandregraes. hoppe.—*Tidsskr. pop. fremst. Naturw.*, Copenhagen, 1886, 32 pp.
- . HARDAS, M. G. [1953]—See MUKERJI, S. and HARDAS, M. G. (1953).
- . HARMSTON, F. C. 1940.—See KNOWLTON, G. F. and HARMSTON, F. C. 1940.
- . HAROON KHAN, M.—See KHAN, M. HAROON.
7679. HARRIS, T. W. 1835. Locust.—In *Encycl. Amer.*, Philadelphia, 8, pp. 40-43.
7680. HARRIS, T. W. 1841. *A Report on the Insects of Massachusetts Injurious to Vegetation. Published agreeably to an Order of the Legislature, by the Commissioners on the Zoological Survey of the the State.* 8+459 pp.—Cambridge. [Another impression of same, printed at the charge of the Author, entitled : *A Treatise on some of the Insects of New England which are Injurious to Vegetation.* Cambridge, 1842.]
7681. HARRIS, T. W. 1852. *A Treatise on Some of the Insects of New England which are Injurious to vegetation.* (2nd ed.) (Title on cover : *Report on Insects Injurious to Vegetation. Published by Order of the Legislature of Massachusetts.*) 8+513 pp.—Bast on

7682. HARRIS, T. W. 1862. *A Treatise on Some of the Insects Injurious to Vegetation*. (2nd ed.) (Edited by Charles Louis Flint.) 12+640 pp., 8 pls., 278 cuts.—Boston.
7683. HARRIS, W. V. 1943. *Annual Report of the Entomologist for the year 1942*. 7 pp., typescript.—Morogoro (Dept. Agric. Tanganyika) [Summary in *Rev. appl. Ent.*, (A), London, 31, pp. 358-359, 1943.]
7684. HAYWARD, K. J. 1934. Informe de la Comisión exploradora. No. 8.—*Com. Centr. Invest. sobre la langosta*, Buenos Aires, pp. 183-204.
- . HEBARD, M. (1919-1929).—See ANONYMOUS. 1929.
7685. HEBARD, M. 1919a. Remarks on the species assigned to *Cavotettix* Hancock, a synonym of *Neotettix* Hancock (Orthoptera, Acrididae Acrydiinae).—*Ent. News*, Philadelphia, 30 (3), pp. 78-82.
7686. HEBARD, M. 1919b. New genera and species of Melanopli found within the United States (Orthoptera, Acrididae). Part II.—*Trans. Amer. ent. Soc.*, Philadelphia, 45, pp. 257-298, 3 pls.
7687. HEBARD, M. 1920a. New genera and species of Melanopli found within the United States (Orthoptera, Acrididae). Part III.—*Trans. Amer. ent. Soc.*, Philadelphia, 46, pp. 355-403, 18 pls.
7688. HEBARD, M. 1920b. The Santa Marta Region of Colombia from an Orthopterological viewpoint, with deductions relative to tropical American collecting.—*Ent. News*, Philadelphia (Pa.), 31 (10), pp. 281-285.
7689. HEBARD, M. 1920c. A new genus and species of grasshopper from California.—*Proc. Cal. Acad. Sci.*, San Francisco, (4) 10 (9), pp. 71-75.
7690. HEBARD, M. 1920d. Expedition of the California Academy of Sciences to the Galapagos Islands, 1905-1906. XVII. Dermaptera and Orthoptera.—*Proc. Cal. Acad. Sci.*, San Francisco, (4) 2 (2), pp. 311-346.
7691. HEBARD, M. 1922a. The Dermaptera and Orthoptera of Hawaii.—*Occas. Papers Bishop Mus.*, Honolulu, 7 (14), pp. 305-378, 2 pls.
7692. HEBARD, M. 1922b. New genera and species of Melanopli found within the United States and Canada (Orthoptera, Acrididae). Part IV.—*Trans. Amer. ent. Soc.*, Philadelphia, 48, pp. 49-66, 2 pls.
7693. HEBARD, M. 1922c. North American Acrididae (Orthoptera). Paper 1. A study of the group Achuri, as found in the United States.—*Trans. Amer. ent. Soc.*, Philadelphia, 48, pp. 89-102.
7694. HEBARD, M. 1922d. North American Acrididae (Orthoptera) Paper 2. The Group Hyalopteryges as found in the United States and Canada.—*Trans. Amer. ent. Soc.*, Philadelphia, 48, pp. 103-108, 1 pl.
7695. HEBARD, M. 1923a. Expedition of the California Academy of Sciences to the Gulf of California in 1921. The Dermaptera and Orthoptera.—*Proc. Cal. Acad. Sci.*, San Francisco, (4) 12 (15), pp. 319-340.

7696. HEBARD, M. 1923b. An interesting new species of the genus *Melanoplus* from central Georgia (Orthoptera, Acrididae).—*Ent. News*, Philadelphia, 34 (9), pp. 260-262.
7697. HEBARD, M. 1923c. Studies in the Dermaptera and Orthoptera of Colombia. Third Paper. Orthopterous Family Acrididae.—*Trans. Amer. ent. Soc.*, Philadelphia, 49, pp. 165-313, 8 pls.
7698. HEBARD, M. 1923d. The Philippine genus *Misythus* (Orthoptera, Acrididae, Acrydiinae).—*Proc. Acad. nat. Sci. Philad.*, Philadelphia, 75, pp. 323-357, 5 pls.
7699. HEBARD, M. 1924a. Studies in the Acrididae of Panama (Orthoptera).—*Trans. Amer. ent. Soc.*, Philadelphia, 50, pp. 75-140, 3 pls.
7700. HEBARD, M. 1924b. The Group Scyllinae (Orthoptera, Acrididae, Acridinae) as found in North America, with records and data on its occurrence in the United States.—*Trans. Amer. ent. Soc.*, Philadelphia, 50, pp. 157-162, 1 pl.
7701. HEBARD, M. 1924c. Studies in Japanese Acrididae (Orthoptera).—*Trans. Amer. ent. Soc.*, Philadelphia 50, pp. 209-224.
7702. HEBARD, M. 1924d. Studies in the Dermaptera and Orthoptera of Ecuador.—*Proc. Acad. nat. Sci. Phila.*, Philadelphia, 76, pp. 109-248.
7703. HEBARD, M. 1925a. A revision of the Genus *Taeniopoda* (Orthoptera, Acrididae, Cyrtacanthacrinae).—*Trans. Amer. ent. Soc.*, Philadelphia, 50, pp. 253-274.
7704. HEBARD, M. 1925b. Records of European Acrididae, Tettigoniidae and Gryllidae (Orthoptera).—*Trans. Amer. ent. Soc.*, Philadelphia, 51, pp. 35-55.
7705. HEBARD, M. 1925c. The Orthoptera of South Dakota.—*Proc. Acad. nat. Sci. Phila.*, Philadelphia, 77, pp. 33-155.
7706. HEBARD, M. 1925d. Dermaptera and Orthoptera from the State of Sinaloa, Mexico. Part II. Saltatorial Orthoptera.—*Trans. Amer. ent. Soc.*, Philadelphia, 51, pp. 265-310, 2 pls.
7707. HEBARD, M. 1926. A key to the North American genera of the Acridinae which occur north of Mexico. Orthoptera (Acrididae).—*Trans. Amer. ent. Soc.*, Philadelphia, 52, pp. 47-59.
7708. HEBARD, M. 1928. The Orthoptera of Montana.—*Proc. Acad. nat. Sci. Phila.*, Philadelphia, 80, pp. 211-306, 2 pls.
7709. HEBARD, M. 1936. *Dendrotettix hesperus*.—*Trans. Amer. ent. Soc.* Philadelphia, 62, p. 186, 2 pls.
7710. HECKE, G.H. 1920. The grasshopper outlook for 1920.—*Monthly Bull. Cal. State Dept. Agric.*, Sacramento, 9 (3), pp. 53-54.
7711. HEER, O. 1849. Die Insektenfauna der Tertiärbilde von Oeningen und von Radoboj in Croatien. Zweiter Theil : Heuschrecken, Florfliegen, Aderflügler Schmetterlinge und Fliegen. 264+5 pp., 17 pls.—Leipzig. (Also in *Neue Denkschr. allg. schweiz. Gesellsch. Wissensch.*, 11, Zurich, 1850.)
7712. HEINZE, K. 1951. Die überträger pflanzlicher Viruskrankheitenⁿ (eine tabellarische Übersicht).—*Mitt. biol. Zent. Anst. Berl.*, Berlin, 71, 126 pp.

7713. HENDERSON, W.W. 1924. A taxonomic and ecological study of the subfamily Oedipodinae (Orthoptera—Acrididae) found in Utah, with a summary of world distribution and a list of Orthoptera recorded for the state.—*Bull. Utah. Agric. Expt. Sta.*, Logan, No. 191, 150 pp., 6 pls.
7714. HENDERSON, W.W. 1944. Four devastating *Melanopli* found in Utah (Orthoptera, Cyrtacanthacrinae).—*Great Basin Naturalist*, Provo, Utah, 5 (1-2), pp. 1-22.
7715. HENSEN, V. 1866. Ueber des Gehörorgan von *Locusta*.—*Z. wiss. Zool.*, Leipzig, 16, pp. 190-207, 1 table.
7716. HENSHAW, S. 1900. New England Orthoptera.—*Psyche*, Cambridge^e 9, p. 119.
7717. HESSE, A.J. 1938. A revision of the Bombyliidae (Diptera) of Southern Africa. Part I.—*Ann. S. Afr. Mus.*, Cape Town, 34, pp. 1-105.
7718. HIBRAOUI, H. 1940. La bette contre les ennemis des cultures depuis mil ans en Andalousie et en Arabie.—*Proc. 6th int. ent. Cyngr. (Madrid 1935)*, Madrid, 2, pp. 803-810.
7719. HOGAN, T.W. 1949. The Australian Plague Locust. Aerial spraying campaign.—*J. Dept. Agric. Vict.*, Melbourne, 47 (8), pp. 369-375.
7720. HOLMAN-HUNT, C.B. 1913. Notes on insect pests.—*Agric. Bull. F.M.S.*, Kuala Lumpur, 1 (10), pp. 368-369.
7721. HORNER, W.H. 1950. The grasshopper campaign in Saskatchewan.—*Rev. agric. Inst.*, 5 (3), pp. 31 ; and 33-34.
7722. HOUSER, J.S. 1913. Grasshoppers.—*Ohio. Agric. Expt. Sta.*, Wooster, Ohio, No. 137, pp. 127-134.
7723. HOWARD, L.O. 1895a. Damage by the American Locust.—*Insect Life*, Washington, 7, pp. 220-229.
7724. HOWARD, L.O. 1895b. Destructive grasshoppers in New York.—*Insect Life*, Washington, 7, p. 274.
7725. HOWARD, L.O. 1895c. The American Locust in Illinois.—*Insect Life*, Washington, 7, p. 429.
7726. HOWARD, L.O. 1900. Nocturnal flight of grasshoppers.—*Bull. Div. Ent. U.S. Dept. Agric.*, Washington, (N.S.) 22, p. 106.
7727. HOWARD, L.O. 1901. *The Insect Book*. 27+429 pp. 48 pls.—New York (Doubleday, Page and Co.).
7728. HOWARD, L.O. 1920. Report (1919-1920) of the Entomologist.—*U.S. Dept. Agric., Bur. Ent.*, Washington, 36 pp.
7729. HUBBELL, T.H. 1922a. Notes on the Orthoptera of North Dakota.—*Occ. Papers Mus. Zool. Univ. Michigan*, Ann Arbor, No. 113, 56 pp.
7730. HUBBELL, T.H. 1922b. The Dermaptera and Orthoptera of Berrien County, Michigan.—*Occ. Papers Mus. Zool. Univ. Michigan*, Ann Arbor, No. 116, 77 pp.
7731. HUBBELL, T.H. 1937. A new apterous grouse-locust from Western Florida (Orthoptera, Acrididae).—*Occ. Papers Mus. Zool. Unvi. Michigan*, Ann Arbor, No. 350, pp. 1-9, 1 pl.

- . HUBBELL, T.H. 1938.—See BLAIR, W.F. and HUBBELL, T.H. 1938.
7732. HUBBELL, T.H. 1954. The naming of geographically variant populations, or what is all the shooting about ?—*Syst. Zool.*, Washington, 3 (3), pp. 113-121.
7733. HUNT, T.F. 1886. Partial economic bibliography of Indian corn insects.—*Misc. ess. econ. Ent. Ill.*, Springfield, pp. 57-126.
7734. HUNTER, S.J. 1898a. Parasitic influences on *Melanoplus*.—*Kans. Univ. Quart.*, Lawrence, 7, pp. 205-210.
7735. HUNTER, S. J. 1898b. On the occurrence of *Dissosoteira longipennis* Thomas.—*Psyche*, Cambridge, 8, pp. 291-292.
7736. HUNTER, S. J. 1898c. *Dissosoteria* in Colorado.—*Psyche*, Cambridge, 8, p. 299.
7737. HUNTER, S. J. 1899. Alfalfa, grasshoppers, bees : Their relationship.—*Contr. ent. Lab. Univ. Kans.*, Topeka, No. 65, pp. 12+152, 12 pls.
7738. HUNTER, S. J. 1902. *Elementary studies in Insect life*. 18+344 pp.—Topeka (Crane and Co.).
7739. HUNTER, S. J. and CLAASSEN, P. W. 1914. Grasshopper control in the Southern Division of Kansas.—*J. econ. Ent.*, Concord, 7 (1), pp. 73-83, 3 pls.
7740. HUNTER, S. J. and SUTTON, W. S. 1900. The *Melanopli* of Kansas —*Psyche*, Cambridge, 9, pp. 63-64 ; 76-78 ; 88-90.
7741. HUNTER, W. D. 1898. Destructive locusts in 1897.—*Bull. Div. Ent. U.S. Dept. Agric.*, Washington, (N.S.) 10, pp. 40-53.
7742. HUNTER, W. D. 1900. An investigation to determine whether *Melanoplus spretus* breeds permanently in the Turtle Mountains in North Dakota.—*Bull. Div. Ent. U.S. Dept. Agric.*, Washington, (N.S.) 22, pp. 30-37.
- . HUNTER-JONES, P. 1952.—See GUNN, D. L., HUNTER-JONES, P. and DAVIS, D. E. 1952.
7743. HUTCHINS, R. E. and LYLE, C. 1938. Cotton seed hull bran in grasshopper bait.—*J. econ. Ent.*, Menasha, 31 (2), p. 319.
7744. HYATT, A. and ARMS, J. M. 1890. *Insecta*. 23+300 pp., 13 pls. — Boston (D. C. Heath and Co.).

I

- . IKAWA, M. 1945.—See ALLEN, T. C., LINK, K. P., IKAWA, M. and BRUNN, L. K. 1945c.
7745. IMMS, A. D. 1944. Locust invasions and their control.—*Assam Rev. and Tea News.*, Calcutta, 31, (1), pp. 5-8.
7746. [INDIA.] 1950. A new locust cycle.—*Indian Fmg.*, Delhi, 11, pp. 497-498.
7747. [INDIA.] 1952. Brief review of plant protection work in Mysore State for 1951-52.—*Plant Prot. Bull.*, New Delhi, 4 (3), pp. 70-73.
- . [INTERNATIONAL.] 1938.—See BELGIAN DELEGATION. 1938.
- . [INTERNATIONAL.] 1950.—See GREAT BRITAIN. 1950.

7748. [INTERNATIONAL.] 1953. Protocol modifying the International Convention of the 22nd of February, 1949 for the permanent control of outbreak areas of the Red Locust. London, October 29, 1953. (In English and French.) *Treaty Ser.*, No. 81 (Cmd 9002), 3 pp.—London (H.M.S.O.).
7749. [INTERNATIONAL CONVENTION FOR THE PERMANENT CONTROL OF OUTBREAK AREA OF THE RED LOCUST, LONDON, 22nd FEBRUARY.] 1949. (In English and French.) *Treaty Ser.*, No. 53, 9 pp.—London (H. M. S. O.).
7750. [IRAN.] 1951. Iranian locust control.—*J. econ. Ent.*, Menasha (Wis.), 44 (4), p. 597.
- ISELY, D. 1938.—*See* BAERG, W. J. AND ISELY, D. 1938.
7751. ISELY, D. 1942. Insect problems resulting from changes in agriculture in Arkansas.—*J. econ. Ent.*, Menasha, 35 (4), pp. 473-477.

J

7752. JABLONOWSKI, J. 1924. Injuries caused by locusts in Hungary during the year 1913-1923.—*Int. Rev. Sci. & Pract. Agric.*, Rome, (N. S.) 2 (2), pp. 464-470.
7753. JABLONOWSKI, J. 1925. Locusts in Hungary during 1924.—*Int. Rev. Sci. & Pract. Agric.*, Rome, (N. S.) 3 (2), pp. 468-482.
7754. JACHIMOVICH, L. A. 1950. Change of needs of ecological condition during embryonic development of *Locusta migratoria migratoria*.—*Doklady [Trans.] Acad. Sci. U.S.S.R.*, Moscow, 73 (5), pp. 1105-1108.
7755. JACK, R. W. 1924. The coming campaign against locusts. Locusts as food for stock.—*Rhod. Agric. J.*, Salisbury, 21 (5), pp. 596-600, 630-632.
7756. JACK, R. W. 1937. Division of Entomology, Annual report for the year 1936. Agriculture.—*Rhod. Agric. J.*, Salisbury, 34 (7), pp. 570-576. Also in *Bull. Minist. Agric.* (S. Rhodesia), Salisbury, No. 1037, pp. 1-7.
7757. JACK, R. W. 1938. Annual report of the Division of Entomology for the year ended 31st December, 1937. Agriculture.—*Rhod. Agric. J.*, Salisbury, 35 (8), pp. 652-659. Also in *Bull. Minist. Agric.* (S. Rhodesia), Salisbury, No. 1080, pp. 1-8.
7758. JACK, R. W. 1940. *Report of the Division of Entomology (Southern Rhodesia) for the year ending 31st December, 1939.* 35 pp., typescript.—Salisbury. [Summary in *Rev. appl. Ent.*, London, (A), 30, p. 47, 1942.]
7759. JACK, R. W. 1941. *Report of the Division of Entomology (Southern Rhodesia) for the year ending 31st December, 1940.* 15 pp., multigraph.—Salisbury. [Summary in *Rev. appl. Ent.*, London, (A), 30, p. 160, 1942.]
7760. JACK, R. W. 1942. *Report of the Division of Entomology (Southern Rhodesia) for the year 1941.* 19 pp. Typescript.—Salisbury. [Summary in *Rev. appl. Ent.* London, (A), 31, pp. 86-87, 1943.]

7761. JAEGER, B. 1854. *The Life of North American Insects ; Illustrated by Numerous Colored Engravings and Narratives.* 4+204 pp., 6 pls.—Providence.
7762. JAEGER, B. 1859. *The Life of North American Insects. Assisted by Henry Canfield Preston, M. D., with numerous Illustrations from Specimens in the Cabinet of the Author.* 319 pp.—New York.
7763. JAKOVLEV, L. N. 1915. Locusts in the Zmeinogorsk district the Govt. of Tomsk and methods of their control [In Russian].—*Agric. Siberia*, Tomsk, Nos. 17-18, pp. 532-535 ; and 564-566.
- . JAMESON H. R. 1950.—See BLACK, D. J. G., GETTY, J., JAMESON, H. R. and PIRIE, H. 1950.
- . JAMIESON, C. A. 1952.—See MACVICAR, R. M., BRAUN, E., GIBSON, D. R. and JAMIESON, C. A. 1952.
7764. JANNONE, G. 1947. Studie ricerche de entomologia agraria in Eritrea e in Etiopia. II. Ovode posizione, sviluppo e costumi delle prime larve di *Stomatorrhina (Idia) lunata* Fab. (Diptera, Muscidae), oofago della *Schistocerca gregaria* (Forsk.).—*Boll. Lab. Ent. agr. Portici*, Naples, 7, pp. 316-325.
- . JATZENTKOVSKY, E. V.—See YATZENTKOVH, E. V.
7765. JAYAKAR, A. S. G. 1906-1908. *Ad-Damiri's Hayât al-Hayawân (A Zoological Lexicon.) Translated from the Arabic [into English by A. S. G. JAYAKAR . . .]* Vol. 1. (1906), xxx+875 pp. ; Vol. 2, Part 1 (1908), 2+604 pp.—Bombay (D. B. Taraporevala Sons and Co.) ; London (Luzac and Co.). [Locusts in Vol. 1, pp. 407-418, and 525.] Also See under AD-DIMI.
7766. JEFFS, H. B. 1937. Emploi de l'arsenic pour la destruction des sauterelles au Canada.—*Bull. Off. int. Hyg. Publ.*, Paris, 29, (5), pp. 963-965.
7767. JENKINS, C. F. H. 1945. Entomological problems of the Ord river irrigation area.—*J. Dept. Agric. W. Aust.*, Perth, (2) 22 (2), pp. 131-145.
7768. JENKINS, C. F. H. 1950 Aerial baiting for the control of the little plague grasshopper (*Austroicetes cruciata* Sauss.).—*J. Dept. Agric. W. Aust.*, Perth, (2) 27 (2), pp. 164-170.
- . JOHNSTONE, H. F. 1946.—See RICE, R. I., JOHNSTONE, H. F. and KEARNS, C. W. 1946.
7769. JOLLY, D. W. 1952. The toxicity of DDT and BHC for domestic animals.—*Vet. Rec.*, London, 64, pp. 76-81.
7770. JONES, B. M. 1953. Activity of the incretory centres of *Locustana pardalina* during embryogenesis : Function of the prothoracic glands.—*Nature*. London, 172, p. 551.
7771. JONES, C. R. 1917. Grasshopper control.—*Bull. Colorado Agric. Expt. Sta.*, Fort Collins, No. 233, 27 pp.
7772. JONES, J. M. 1859. *The Naturalist in Bermuda. A Sketch of the Geology, Zoology and Botany of that Remarkable Group of Islands*, 12+200 pp. map.—London.
7773. JONES, J. M. 1876. *The Visitor's Guide to Bermuda, with a Sketch of its Natural History.* 156 pp.—London (Orthoptera, p. 144, by S. B. SCUDDER).

K

7774. KALMBACH, E. R. 1918. The crow and its relation to man.—*Bull. U.S. Dept. Agric.*, Washington, No. 621, 92 pp.
7775. KAPUR, A. P. and DUTTA, D. K. 1952. Studies on the bionomics of the semi-aquatic grasshopper *Gesonula punctiformis* Stål.—*Proc. Indian Sci. Congr.* 1952, Abstracts, Calcutta, Pt. 3. p. 339.
7776. KATO, M., MATSUDA, T and YAMASITA, Z. 1952. Associative ecology of insects found in the paddy field cultivated by various planting forms.—*Sci. Rep. Tohoku Univ.*, Sendai, (4) 19, pp. 291-301.
- . KEARNS, C. W. 1946.—See RICE, R. I., JOHNSTONE, H. F. and KEARNS, C. W. 1946.
- . KEARNS, C. W. 1952.—See STERNBURG, J. and KEARNS, C. W. 1952.
7777. KELLOGG, V L. 1892. *Common Injurious Insects of Kansas*. X+126 pp.—Lawrence.
7778. KELLOGG, V L. 1905. *American Insects*. 7+674 pp., 13 pls.—New York (Henry Holt and Co.).
- . KELLY, E. G. 1919.—See DEAN, G. A., KELLY, E. G. and FORD, A. L. 1919.
- . KELLY, E. G. 1920.—See DEAN, G. A. and KELLY, E. G. 1920.
- . KENNEDY, J. S. 1936.—See GUNN, D. L. and KENNEDY, J. S. 1936.
7779. KENNEDY, J. S. 1949. A preliminary analysis of oviposition behaviour by *Locusta* (Orthoptera, Acrididae) in relation to moisture.—*Proc. R. ent. Soc. Lond.*, London, (A) 24 (7-9), pp. 83-89.
7780. [KENYA.] 1946. *Department of Agriculture (Kenya) Annual Report, 1945*. [1+125 pp.]—Nairobi.
7781. KEVAN, D. K. McE. 1949. Notes on East African bush locusts with special reference to *Phymateus aegrotus* (Gerstaecker, 1869). (Orth., Acrid., Pyrogomorphinae).—*Bull. ent. Res.*, London, 40 (3), pp. 359-369.
7782. KEVAN, D. K. McE. 1950. The grasshopper fauna of a small East African swamp.—*Ent. mon. Mag.*, London, 86, pp. 316-319.
7783. KEVAN, D. K. McE. 1954. A small collection of Acridoidea from the Agricultural Department, Bangkok, Thailand.—*Nat. Hist. Bull. Siam. Soc.*, Bangkok, 16, pp. 45-47.
7784. KEY, K. H. L. 1942. Investigations on the locust (grasshopper) problem [in Australia].—*J. Coun. Sci. Industr. Res. Aust.*, Melbourne, 15 (1), pp. 72-77.
7785. KHAN, M. HAROON. 1945. Driving hopper-bands of Desert Locust to the trenches.—*Indian Fmg.*, Delhi, 6 (7), pp. 296-299.
7786. KHAN, M. H. 1953. A note on the breeding of Desert Locust (*Schistocerca gregaria*) in Sind during spring 1951.—*Agric. Pakist.*, Karachi, 4, pp. 23-24.
- . KHAN, M. S. 1953.—See AHMAD, T. and KHAN, M. S. 1953..
- . KING, K. M. 1937.—See PAUL, L. C., KING, K. M. and BERG, V. L. 1937.

- . KING, K. M. 1944.—See PAUL, L. C. and KING, K. M. 1944.
7787. KIRBY, W. 1837. *Fauna Boreali-americana. Or the Zoology of the Northern Parts of British America, containing Descriptions of the Objects of Natural History, collected by John Richardson on the late Northern Land Expeditions under Command of Captain Sir John Franklin.* 4 vols. Part the fourth and last. The insects. 39+325 pp., 8 pls.—London. See also BETHUNE, C. J. S., *Insects Brit. America.*
7788. KIRBY, W. and SPENCE, W. 1818-1826. *An Introduction to Entomology, or Elements of the Natural History of Insects.* 4 vols. 3rd edition. London. 1, 24+519 pp., 3 pls., 1818. 2, 4+530 pp., 2 pls. 1818. 3, 8+732 pp., 14 pls., 1826. 4, 4+634 pp., 10 pls., 1826. (7th ed., 28+608 pp., London, 1856.)
7789. KIRBY, W. F. 1892. *Elementary Text-Book of Entomology.* 2nd Edition. 8+281 pp., 87 pls.—London (Swan Sonnenschein & Co.).
7790. KIR'YANOVA, E. S. 1950. Biology of parasitic worms (Nematoda and Gordiacea) limiting mass multiplication of insects. [In Russian.]—*2nd Ecol. Conf., Kiev, Part I*, pp. 85-88.
7791. KLEMM, M. 1950. Wanderheuschrecke in Mitteldeutschland. [*Locusta migratoria*].—*Anz. Schädlingsk.*, Berlin, 23, pp. 6-7.
7792. KNOWLTON, G. F. 1946. Grasshoppers eaten by Utah birds.—*J. Kansas ent. Soc.*, Manhattan, 19 (2), pp. 71-72.
7793. KNOWLTON, G. F. and HARMSTON, F. C. 1940. Food habits of sparrow hawks in Utah.—*J. econ. Ent.*, Menasha, 33 (3), p. 583.
7794. KNOWLTON, G. F. and SORENSON, C. J. 1938. Utah grasshopper of 1937.—*Proc. Utah Acad. Sci.*, Provo, 15, pp. 81-87.
7795. KOBAKHIDZE, D. N. 1951. Qualitative and quantitative relations of the more important invertebrates of the Samgor steppe plains. [In Georgian, with Russian summary.]—*Trud. Zool. Inst. Acad. Sci. Georgian SSR*, Tiflis, 10, pp. 4-43.
7796. KOBAKHIDZE, D. N. 1952. On the formation of the injurious fauna of eucalyptus plantations in the Georgian SSR. [In Russian.]—*Trud. Tbilisi gos. pedagog. Inst.*, Tibilis, 9, pp. 397-401.
7797. KOBAKHIDZE, D. N. 1954. *Insect Pests of Tea Plantations in the USSR.* [In Russian.] 100 pp., 19 figs.—Moscow (Academy of Science U.S.S.R.).
7798. KÖHLER, P. 1936a. Informe de la segunda comisión exploradora —*Mem. Com. Centre. Invest. sobre Langosta*, Buenos Aires, 1934, pp. 69-95.
7799. KÖHLER, P. 1936b. Informe general. Resumen lucha expedicion No. 2.—*Com. Centr. de Invest. sobre langosta*, Buenos Aires, pp. 73-97.
7800. KÖHLER, P. 1939a. Die Bekämpfung der Argentinischen Schwärmeheuschrecken and neue Studien zur verbesserung der vernichtungs Methoden.—*Proc. 7th. Int. Cong. Ent. 1938*, Berlin, 4, pp. 3004-3012, 1 pl.

7801. KOHLER, P. 1939b. Informe de la comisi3n del oeste.—*Com. Centr. Invest. sobre Langosta*, Buenos Aires, pp. 19-91.
7802. KOKINA, E. and DOBRUMISLOV, D. 1937. Results of investigations on the insecticidal properties of magnesium arsenite. [In Russian.]—*Plant Prot.*, Leningrad, 13, p. 97.
7803. KOLOSOV, YU. 1925. A fungus disease of locusts observed in the Southern Ural. [In Russian.]—*Bull. ent. and Phytopath. Bur. Ural Soc. nat.*, Sverdlovsk, No. 2, p. 5.
7804. KOZHANCHIKOV, I. V. 1947. On the specific resistance of the metabolism of insects to dichlorodiphenyltrichloro methylene. [In Russian.]—*Dokl. Akad. Nauk SSSR.*, Moscow, (N.S.) 58 (2), pp. 345-348, 2 graphs.
7805. KRASNYANSKI, A. I. 1922. Bionomics and control of the Migratory Locust. [In Russian.]—*Publ. Kuban Black Sea Div. Anti-locust Org.*, Krasnodar, 20 pp.
7806. KUITERT, L. C. and CONNIN, R. V. 1953. Grasshoppers and their control.—*Bull. Fla. agric. Exp. Sta.*, Gainesville, No. 516, 30 pp.
7807. KURDJUMOV, N. V. 1913. The more important insects injurious to grain-crops in Middle and South Russian. [In Russian.]—*Agric. Expt. Sta.*, Poltava (*Dept. of Agric. and Ent.*, Poltava), 1913, 119 pp., 7 col. pls.
7808. KUZIN, B. S. 1953. Blister beetles of Kazakhstan. [In Russian.]—*Trud. Respubl. Stants. Zashch. Rast.*, Alma-Ata, 1, pp. 72-152.

L

- . LACROIX, D. S. 1938. —See MORRILL, A. W. and LACROIX, D. S. 1938.
7809. LAFON, M. 1951. Quelques documents sur l'appetit et la consommation alimentaire chez des insectes.—*Ann. Nutr.*, Paris, 5, pp. 485-504.
7810. LAGRECA, M. 1951a. Osservazioni sulla costituzione della fauna ortotterologica degli Appennini.—*Boll. Zool.*, Turin, 18, pp. 197-202.
7811. LAGRECA, M. 1951b. Influenza delle variazioni climatiche del Quarternario sul popolamento entomologico d'alta montagna.—*Boll. Zool.*, Turin, 22, pp. 489-562.
7812. LAHILIE, F. BRUCH, A. C., et al. 1934. Campa1a invernal contra la langosta.—*Mem. Com. Contr. Invest. sobre Langosta*, Buenos Aires, 1933, pp. 3-47.
7813. LAINES, M. 1915. The most effective scientific means of combating the grasshopper.—*Rev. econ.*, Honduras, 5 (5), pp. 268-270.
7814. LAL, K. B. 1950. The fight against locusts [India].—*Agric. anim. Husb. Uttar Pradesh*, Lucknow, 1 (3), pp. 65-68.
7815. LAL, K. B. 1952. Locust control.—*Agric. anim. Husb. Uttar Pradesh*, Lucknow, 2 (3), pp. 15-19.
7816. LAMARCK, J. B. P. A. DE M. DE. 1815-1822. Histoire naturelle des animaux sans vertebres, pr3sentant les caractères g3n3raux et particuliers de ces animaux, leur distribution, leurs classes, leurs

- familles leurs genres, et la citation des principales espèces qui s'y rapportent ; précédée d'une introduction offrant la détermination des caractères essentiels de l'animal, sa distinction du végétal et des autres corps naturels ; enfin l'exposition des principes fondamentaux de la zoologie. 7 vols.—Paris. (Orthoptera, vol. 4, pp. 229-266, 1817.)
- . LAMDAM, S. 1947.—See COSTA, J. J., SANTA MARÍA, H. C. and LAMDAM, S. 1947.
- 7817 LAPAZARÁN, J. C. 1922. Una campaña de langosta en Zaragoza.—*Bol. Agric. Tec. Econ.*, Madrid, 14 (163), pp. 599-608 ; (164), pp. 693-698.
7818. LAPAZARÁN, J. C. 1923a. La plaga de la langosta en la región Aragonesa.—*Bol. Soc. ent. España*, Saragossa, 6 (5-6), pp. 78-82.
7819. LAPAZARÁN, J. C. 1923b. La langosta en la región Aragonesa.—*Hoja Agric. Popular*, Barcelona, 5 (47), pp. 299-300.
7820. LARRIMER, W. H. and FORD, A. L. 1922. The daily maximum feeding period of *Melanoplus femur-rubrum*.—*Canad. Ent.*, Orillia, 6, pp. 141-143.
- 7821 LASAROFF, A. W. 1940. The Moroccan Locust, *Doclostaurus maroccanus*, Thnb., in Bulgaria in 1939. [In Bulgarian, with a summary in German.]—*Mitt. bulg. ent. Ges.*, Sofia, 11, pp. 65-74. Summary in *Z. Pflkrankh.*, Stuttgart, 52 (7-8), p. 424 (1942).
7822. LATASTE, F. 1892. La question du criquet voyageur signale l'an dernier dans les provinces austr. du Chili.—*Acta. Soc. Cient. Chil.*, Chili, 2, pp. 200-209.
7823. LATREILLE, P. A. 1805. In HUMBOLDT, Alexandre de, et BONPLAND, Aime : Recueil d'observations de zcologie et d'anatomie comparée, faites dans un voyage aux tropiques dans les années 1799-1800, 1801, 1802, 1803. 8+352 pp., 30 pls.—Paris.
7824. LATREILLE, P. A. 1802-1805. Histoire naturelle, générale et particulière des crustacés et des insectes. Ouvrge faisant suite aux oeuvres de Leclerc de Buffon et partie du cours complet d'histoire naturelle, rédige par Charles Sigisbert Sonnini de Manoncourt. 14 vols. (Orthoptera, 12, pp. 81-164, pls. 94-95, 1804.)
7825. LATREILLE, P. A. 1806-1809. Genera crustaceorum et nsectorum secundum ordinem naturalem in familias disposita, iconibu exemplisque plurimis explicata. 4 vols.—Parisiis et Argentoratis. (Orthoptera, 3, pp. 78-108, 1807.)
7826. LATREILLE, P. A. 1817. (Orthoptera, 3, pp. 365-384.). In Cuvier, Georges : Le règne animal distribué d'après son organisation, pour servir de base à l'histoire naturelle des animaux et d'introduction à l'anatomie comparée. 4 vols.—Paris.
7827. LATREILLE, P. A. 1829. In the same, 2 ed. 5 vols.—Paris. (Orthopteres, 5, pp. 167-189.)
7828. LATREILLE, P. A. 1831. In the same, American edition, translated from the French, with notes and additions by Henry M'Murtrie. 4 vols.—New York. (Orthoptera, 4, pp. 1-18.)
7829. LATREILLE, P. A. 1849. In the same, Édition accompagnée de planches gravées, représentant les types de tous les genres, les

- caracteres distinctifs des divers groupes et les modifications de structure sur lesquelles repose cette classification, par une réunion de disciples de Cuvier, MM. Audouin, Blanchard, Deshayes, Alcide D'Orbigny, Doyère, Duges, Duvernoy, Laurillard, Milne-Edwards, Roulin et Valenciennes. *Insecta*. Tome 3 (Orthoptères, pp. 1-26, pls. 76-86).—Paris.
7830. LEA, A. 1949. Laboratory tests with baits containing benzene hexachloride against locust hoppers.—*Sci. Bull. Dept. Agric. S. Afr.*, Pretoria, No. 300 (Locust Res. Ser. No. 11), 16 pp.
7831. LEACH, W. E. 1816. Entomology. *In New Edinburgh Encyclopaedia* (American Ed.), 8, pp. 646-758.—Philadelphia.
7832. LEACH, W. E. 1830. Entomology. *In New Edinburgh Encyclopaedia*, 9, pp. 57-172.—Edinburgh.
7833. LE BARON, W. 1872. Second Annual Report on the Noxious Insects of the State of Illinois. pp. 1-4 ; and 97-167.—Springfield. Also as *App. to Trans. Ill. State hort. Soc.*, 1871, Chicago, 1872. [The pagination is in continuation of the First Report.]
7834. LE BERRE, J. R. 1951a. Hétérogénéité biologique des populations du criquet migrateur des Landes : *Locusta migratoria gallica* Rem. (phasis transiens).—*Rev. Zool. agric.*, Bordeaux, No. 10-12 [1950], pp. 57-62.
7835. LE PELLEY, R. 1952. Note on damage to grazing by grasshoppers in Kenya.—*Bull. ent. Res.*, London, 43, pp. 79-81.
7836. LEWIN, C. J. 1941. *Annual Report for the year 1940*. 8 pp.—Lusaka (N. Rhodesia Dept. Agric.).
- L'HÉRITIER, A. 1914.—See SERGENT, E. and L'HÉRITIER, A. 1914.
7837. LIBONATI, V. J. 1928. *La langosta, su historia en la Argentina*. 159 pp., 30 maps, 2 pls., 42 figs.—Buenos Aires (Casartelli y Fiol.).
7838. LIEBERMANN, J. 1933a. La lucha contra el azote de los agricultores.—*Pampa Argentina*, Buenos Aires, June 1933, pp. 12-13 ; and 70.
7839. LIEBERMANN, J. 1933b. Palabras definitivas sobre el problema de la langosta.—*Pampa Argentina*, Buenos Aires, Oct. 1933, pp. 14 ; and 73.
7840. LIEBERMANN, J. 1933c. Un año de langosta en la República.—*Pampa Argentina*, Buenos Aires, 7 (76), pp. 1-2 ; and 31.
7841. LIEBERMANN, J. 1942. Las langostas de Chile.—*Cartill. Minist. Agric.*, Chile, Santiago, No. 48, 30 pp.
7842. LIEBERMANN, J. 1945. Los Acridoideos de Chile.—*Rev. chil. Hist. nat.*, Santiago, 48, pp. 161-316.
7843. LIEBERMANN, J. 1946. Langostas y tucuras.—*Pampa Argentina*, Buenos Aires, 20 (232), pp. 1 and 3.
7844. LIEBERMANN, J. 1947a. La generación estival de *Schistocerca cancellata* Serville, la langosta migradora sudamericana.—*Not. Minist. Agric.*, Buenos Aires, pp. 203-204.
7845. LIEBERMANN, J. 1947b. Sobre la generación otoñal de la langosta.—*Rev. B.A.P.*, Buenos Aires, 30 (360), pp. 12-13 and 42-44.

7846. LIEBERMANN, J. 1948. Revisión del género *Eurotettix* Bruner 1906, con la descripción de una nueva especie Argentina *Eurotettix lilloanus*.—*Acta zool. Lilloana*, Tucuman, 5, pp. 39-46, 1 pl.
7847. LIEBERMANN, J. 1949a. Los Acridios de la zona subandina de Neuquen, Rio Negro y chubut (Orthop., Acrid.).—*Rev. Inst., nac. Invest. Cienc. nat.*, Buenos Aires, (Zool.) 1, pp. 127-166, 1 col. pl.
7848. LIEBERMANN, J. 1949b. Sobre una colección de acridios argentinos del Nat. Museum de Viena.—*Min. Agr.*, Buenos Aires, (A) 5 (46), 5 pp.
7849. LIEBERMANN, J. 1950a. Síntesis de *Sinipta* Stål, 1873, con descripción de una nueva especie Argentina, *S. hectorisperonii* (Orth. Acrid. Acridinae).—*Publ. Inst. Sanid. veg. (Minist. Agric. Argent.)*, Buenos Aires, (A) 6 (52), pp. 3-16.
7850. LIEBERMANN, J. 1950b. Sobre una colección de Acridoideos neotropicales del Dr. Richard Ebner, con la descripción del alotipo de *Diponathus bilineatus* Rehn (Orthoptera, Acridoidea).—*Rev. brasil. Biol.*, Rio de Janeiro, 10, pp. 133-139.
7851. LIEBERMANN, J. 1950c. Los acridios de San Juan.—*Publ. Inst. Sanid. veg.*, Buenos Aires, (A) 6 (50), 16 pp.
7852. LIEBERMANN, J. 1951a. Una nueva especie de *Sinipta* Stål, de Bolivia con algunas observaciones acerca de la ubicación de género dentro de la subfamilie Acridinae (Orth., Caelifera, Acrid.).—*Ann. Soc. ci. Argent.*, Santa Fe, 152, pp. 3-17.
7853. LIEBERMANN, J. 1951b. Tres notas Ortopterológicas sudamericanas.—*Rev. Soc. ent. argent.*, Buenos Aires, 15, pp. 121-140.
7854. LIEBERMANN, J. 1951c. Sobre una nueva forma de oviposición en un Acridios sudamericano.—*Rev. Invest. agric.*, Buenos Aires, 5 [1951], pp. 235-280, 6 pls.
7855. LIEBERMANN, J. 1954. Notes de Ortopterología chilena, con la description de una nueva especie de *Philippiacris* Lieb., ph. *wagenknechti*.—*Rev. Univ.*, Santiago, 39, pp. 173-184, 1 pl.
7856. LIMA, A. D. F., D'ARAUJO E SILVA, A. G., REINIGER, C. H., ALVES, J. and DA M. RIBEIRO (Jr.), A. 1947-1951. Locusts of southern Brazil.—*Dept. Nac. Prod. Veg. (Div. Déf. Sanit. Veg.)*, Bol. *Fitossanit.*, Brazil, 4, pp. 1-113.
- . LINK, K. P. 1945.—See ALLEN, T. C., LINK, K. P., IKAWA, M. and BRUNN, L. K. 1945c.
- . LINNAEUS, CARL V. C.—See LINNÉ, C. VON.
7857. LINNÉ, C. VON: 1754. *Museum Adolphi Frederici regis Suecorum etc. in quo animalia rariora imprimis et exotica : quadrupedia, aves, amphibia, pisces, insecta, vermes, describuntur et determinantur latine et sueice cum iconibus*. 96 pp., 33 pls.—Holmiae.
7858. LINNÉ, C. VON. 1758-1759. *Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus differentiis, synonymis, locis. Editio decima reformata*. 2 tom.—Holmiae. (Orthoptera, 1, pp. 423-433, 1758.)
7859. LINNÉ, C. VON. 1763. *Centuria insectorum variorum*. 6+32 pp.—Upsaliae. (Also in *Amoen. Acad.*, Holmiae, 6, pp. 384-415, 1763.)

7860. LINNÉ, C. VON. 1764. *Museum S. R. M. Ludovicae Ulrica reginae etc., in quo animalia rariora, exotica, imprimis insecta et conchylii describuntur et determinantur, prodromi instar editum.* 8+722. pp.—Holmiae.
7861. LINNÉ, C. VON. 1766-1767. *Systema naturae.* (Editio duodecima reformata.) 3 tom.—Holmae. (Orthoptera, 2, pp. 686-703, 1767.)
7862. LINNÉ, C. VON. 1767-1770. *Systema naturae.* (Editio decima tertia ad editionem duodecimam reformatam Holmiensem.) 3 tom. in 4 vols.—Vindobonae. (Orthoptera, 1, pp. 686-703, 1767.)
- LINNÉ, C. VON.—See also GMELIN, J. F., GCEZE, J. A. E., MÜLLER, P. L. S., STAL. C., *Res. Crth.*, TURTON, W., and VILLERS, C. DE.
7863. LINTNER, J. A. 1882-1896. [Annual] Report on the Injurious and other Insects of the State of New York. No. 1, 22+384 pp. Albany, 1882. No. 4, 240 pp. Albany, 1888. (Also in *Rept. N. Y. State Mus. nat. Hist.*, 12, pp. 123-358, Albany, 1888.) No. 6, pp. 97+203+errata. Albany 1890. No. 7, pp. 197-404+errata, 2 pls. Albany, 1891. (Also in *Rept. N. Y. State Mus. nat. Hist.*, 44, pp. 197-405, Albany, 1895.) No. 11, pp. 85-325, 16 pls., Albany, 1896. (Also in *Rept. N. Y. State Mus. nat. Hist.*, 49, pp. 85-325, 16 pls., Albany, 1896.)
7864. LISTER, C. A. 1953. Aldrin for locust control. Jordan campaign, 1953.—*Shell agric. Bull.*, London, No. A.D.B. 246, 9 pp., mimeograph.
7865. LIZER, C. 1919. Expedición al Chaco Boliviano, con objeto de hacer investigaciones acerca de la zona permanente de refugio invernal de la *Schistocerca paranensis* (langosta voladora).—*Bull. Minist. Agric. Nac.*, Buenos Aires, 24(1).
7866. LIZER Y TRELLES, C. A. 1935a. Resultado de las investigaciones realizadas en la República Argentina en las supuestas zonas de refugio invernal en los años 1933 y 1934.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, 1934, pp. 41-53.
7867. LIZER Y TRELLES, C. A. 1935b. Comportamiento de la langosta en cautividad.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, 1934, pp. 67-71
7868. LIZER Y TRELLES, C. A. 1935c. El arsenito de sodio (fluido defensa agrícola) para destruir la langosta.—*Conf. Int. Expertos en la Lucha contra la Lengosta*, Montevideo, 1934, pp. 75-78.
7869. LOCKWOOD, S. 1939. The grasshopper outbreak in 1939.—*Bull. Dept. Agric. Calif.*, Sacramento, 28 (6), pp. 393-411.
7870. LOGOTHETIS, C. 1950. Pruebas preliminares del control de la langosta con aldrin.—*Suelo tico*, San Jose, 4, pp. 382-392.
7871. LOPÉZ, A. 1917. Comentarios estadísticos.—*1st Congr. Mejoras Nac.*, Bogotá, pp. 123-134.
7872. LOPÉZ, A. 1919. La langosta.—*Rev. Agric.*, Bogotá, 5 (7), pp. 419-422.
7873. LOTTERMOSER, W. 1952. Aufnahme und Analyse von Insektenlauten.—*Akust. Beih.*, Zurich, Nos. 1-2, pp. 66-71.

7874. LOWNE, B. T. 1878. On the modifications of the simple and compound eyes of insects.—*Philos. Trans. R. Soc. Lond.*, London, 169, pp. 577-602, 3 pls.
7875. LOWNE, B. T. 1884. On the compound vision and the morphology of the eye in insects.—*Trans. Linn. Soc. Lond. (Zool.)*, London, 2, pp. 389-420, 4 pls.
7876. LU, C. C. 1951-52. Chromosome-study in the spermatogenesis of *Oedaleus infernalis*.—*Peking nat. Hist. Bull.*, Peking, 20, pp. 117-123, 2 pls.
7877. LUGGER, O. 1889a. Notes on the Rocky Mountain Locust in Ottertail county, Minnesota, in 1888.—*Rept. Agric. exp. Sta. Minn.*, St. Paul, pp. 305-349.
7878. LUGGER, O. 1889b. The Rocky Mountain Locust in Ottertail county, Minnesota, in 1889.—*Bull. agric. exp. Sta. Minn.*, St. Anthony Park, No. 8, pp. 17-36.
7879. LUGGER, O. 1898. *The Orthoptera of Minnesota. (Third Annual Report of the Entomologist of the State Experiment Station of the University of Minnesota to the Governor, for the Year 1897.)* 11+296 pp., 187 figs.—St. Paul.
7880. LUH, P. W. and WOO, F. C. 1947. A general investigation of the locust outbreaks in China during the year 1946. [In Chinese.]—*Spec. Publ. nat. agric. Res. Bull.*, Nanking, No. 31, 1+16 pp., 1 map., 2 fldg. tables.
7881. LUNAU, C. 1950. Zur Heuschreckenfauna Schleswig-Holsteins.—*Naturwiss. Ver. Schleswig-Holstein Schr.*, Berlin, 24, (2), pp. 51-56.
- . LYLE, C. 1938.—See HUTCHINS, R. E. and LYLE, C. 1938.
- . LYLE, C. 1940.—See GUICE, O. T. and LYLE, C. 1940.

M

7882. MACKIE, D. B. 1913. The Philippine Locust (*Pachytylus* [Locusta] *migratorioides* R. & F.) : Natural influences affecting its propagation and distribution.—*Philippine Agric. Rev.*, Manila, 6(11), pp. 538-547.
7883. MACKIE, D. B. 1937. Entomological Service.—*Bull. Dept. Agric. Calif.*, Sacramento, 25 (4) [1936], pp. 455-481.
7884. MACKIE, J. R. 1944. *Annual report on the Agricultural Department (Nigeria) for the year 1943.* 34 pp.—Lagos.
7885. MACLEOD, D. M. 1954. Investigations on the genera *Beauveria* Vuill. and *Tritirachium* Limber.—*Canad. J. Bot.*, Ottawa, 32, pp. 818-890, 3 pls.
7886. MACVICAR, R. M., BRAUN, F. GIBSON, D. R. and JAMIESON, C. A. 1952. Studies in red clover seed production.—*Sci. Agric.* Ottawa, 32 (2), pp. 67-80.
887. MAGEE, W. J. and GAINES, J. C. 1950. Toxicity of phosphorus compounds to various insects.—*J. econ. Ent.*, Menasha, 43 (3), pp. 281-286.

7888. [MALAYA.] 1915. Summarising report on locust work for the Second Quarter—April 1st to June 30th 1915.—*Agric. Bull. F. M. S.*, Kuala Lumpur, 4 (1), pp. 13-20, 2 tables.
7889. MALDONADO BRUZZONE, R. 1948. Informe sobre una gira al oriente boliviano en procura de datos sobre la formación de mangas de *Schistocerca cancellata* (Serville).—[*Publ.*] *Inst. Sanid. veg.*, Buenos Aires, A4 (38), pp. 22., 1 fldg. map.
7890. MALENOTTI, E. 1921. La lotta contro le cavallette nel Bacino del Fucino nel 1920.—*Nuovi. Ann. Minist. Agric.*, Rome, 1 (1), pp. 63-84.
7891. MALENOTTI, E. 1923. Le cavallette e la tccria delle fasi.—*Il Coltivatore*, Castle Monferrato, No. 28, 6 pp.
7892. MANCHERON, P. 1914. La lutte contre les criquets dans la commune mixte du Djebel Nador.—*Rev. Agric. Vitic. Afr. Nord.*, Algiers, 3 (114), pp. 460-461.
7893. MARCHIONATTO, J. B. 1935a. Los enemigos naturales de la langosta. (Aplicación del "Hongo Verde").—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, 1934, pp. 63-66.
7894. MARCHIONATTO, J. B. 1935b. Las emulsiones de jabón en la lucha contra la langosta mosquita y saltona.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, 1934, pp. 78-81.
7895. MARCHIONATTO, J. B. 1944. Nota sobre "Muscardina Verde" (*Metarrhizium anisopliae*).—*Rev. Chil. Hist. nat.*, Santiago, 46-47, pp. 12-14.
7896. MARCHIONATTO, J. B. 1946a. Resultados de los estudios realizados por la Comisión Central de Investigaciones sobre la Langosta 1933-1937).—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, pp. 28-32.
- MARCHIONATTO, J. B. 1946b.—See PORTILLO, G. A. and MARCHIONATTO, J. B. 1946.
7897. MARCO MOLL, H. 1953. Application de la orceina y de la 8-oxiquinoleina en el estudio de los cromosomas animales.—*Rev. Acad. Cienc. Zaragoza*, (2) 8 (2), pp. 109-111, 5 pls.
7898. MARINI, T. L. 1934. Informe de la Comisión exploradora. No. 6.—*Com. Centr. de Invest. sobre la Langosta*, Buenos Aires, pp. 163-169.
7899. MARLATT, C. L. 1889. A report on the lesser migratory locust.—*Insect Life*, Washington, 2, pp. 66-70.
7900. MARRAS, F. M. 1918. Lotta contro le cavallette mediante il *Coccobacillus acridiorum*.—*Minist. Agric.*, Rome, 1918, 1 p.
- MARSHALL, D. S. 1951.—See GYRISCO, G. G. and MARSHALL, D. S. 1951.
7901. MARTEN, J. 1883. Report on the Rocky Mountain Locust in 1880.—*Rept. U. S. ent. Comm.*, Washington, 3, App., pp. 50-54.
7902. MARTIN, E. M. 1935. Marcha y costumbres de la langosta en Guatemala.—*Conf. Int. Expertos en la Lucha Contra la Langosta*, Montevideo, 1934, pp. 121-122.

- . MATSUDA, T. 1952.—See KATO, M., MATSUDA, T. and YAMASITA, Z. 1952.
7903. MAZAEV, L. D. 1948. Some details on the part played by *Pastor roseus* (L.) in fight against locusts in Macedonia. [In Serbian, with English and Russian summary.] *Larus*, Zagreb, 2.
7904. M'CLUNG, G. I. 1900. The spermatocyte divisions of the Acrididae.—*Kans. Univ. Quart.*, Lawrence, 9, pp. 73-100, 3 pls.
- . MCNEIL, E. H. 1952.—See BURGESS, L. E., MCNEIL, E. H. and ROLFE, D. T. 1952.
7905. MCNEILL, J. 1887. *Dissosteira carolina*.—*Canad. Ent.*, London (Ont.), 19, pp. 58-59.
7906. MCNEILL, J. 1891. A list of the Orthoptera of Illinois.—*Psyche*, Cambridge (Mass.), 7, pp. 3-9 ; 21-27 ; 62-66 ; 73-78.
7907. MCNEILL, J. 1897. Revision of the Truxalinae of North America, —*Proc. Davenport Acad. nat. Sci.*, Davenport, 6, pp. 179-274, 6 pls.
7908. MCNEILL, J. 1899a. Notes on Arkansas Truxalinae.—*Canad. Ent.*, London (Ont.), 31, pp. 53-55.
7909. MCNEILL, J. 1899b. Arkansas Melanopli.—*Psyche*, Cambridge, 7, pp. 332-334 ; 343-346 ; and 366-371.
7910. MEGALOV, V. A. 1954. *Vasili Fedorovich Boldyrev*. (In Russian.) 26 pp., 1 photo.—Moscow.
7911. MELIS, A. 1949. Elenco delle principali specie di insetti che hanno prodotto infestazioni degne di nota in Italia durante l'anno 1949.—*Redia*, Florence, 34 (Appendix), pp. xix-xxii.
7912. MELIS, A. 1951. Elenco delle principali specie animali che hanno prodotto infestazioni degne di nota in Italia durante l'anno 1950.—*Redia*, Florence, 36 (Appendix), pp. iii-xviii.
7913. MELIS, A. 1952. Elenco delle principali specie animali che hanno prodotto infestazioni degne di nota in Italia durante l'anno 1951.—*Redia*, Florence, 37 (Appendix), pp. xvii-xxxiv.
7914. MELIS, A. 1953. Elenco delle principali specie animali che hanno prodotto infestazioni degne di nota in Italia durante l'anno 1952.—*Redia*, Florence, 38 (Appendix), pp. xxvii-xxxiii.
7915. MELIS, A. 1954. Elenco delle principali specie animali che hanno prodotto infestazioni degne di nota in Italia durante l'anno 1953.—*Redia*, Florence, 39 (Appendix), pp. iii-x.
7916. MENDIZÁBAL, M. and MORALES AGACINO, E. 1945. Algunos datos sobre una invasión ocasional de *Schistocerca gregaria* (Forsk.) en la provincia de Almería.—*Bol. Pat. y Cg. Ent. agric.*, Madrid, 13 [1944], pp. 377-384, 1 fldg. graph.
7917. MERRILL, D. E. 1916. Grasshopper control.—*Bull. Agric. Expt Sta. New Mexico*, Las Cruces, 102, 32 pp.
7918. MICHEL BACHER, A. E., SMITH, R. F. and SMITH, G. L. 1945. Control of *Lygus* bugs on alfalfa seed crop with D.D.T. Pp. 4-6. In Investigation with D.D.T. in California, 1944. 2+ 33 pp.—Berkeley.

7919. MIERS COX, N. 1890. La langosta.—*Bol. Soc. nac. Agric.*, Santiago, **22**, pp. 767-768.
7920. MILLIKEN, F. B. 1920. Grasshoppers and their control on sugar beets and truck crops.—*Fmr. Bull. U.S. Dept. Agric.*, Washington, No. 691, 20 pp.
7921. MILLS, H. B. 1941. The effect of tillage on grasshopper eggs.—*J. econ. Ent.*, Menasha, **34** (4), p. 589.
7922. MILLS, H. B., CALLENBACH, J. A. and REINHARDT, J. F. 1945. Montana insect pests, 1943 and 1944. Thirtieth report of the State Entomologist.—*Bull. Montana agric. exp. Sta.*, Bozeman, No. 425, 30 pp.
- MINOT, C. S. 1878.—See PACKARD, A. S. and MINOT, C. S. 1878
7923. MINOT, C. S. 1881. Histology of the locust (*Caloptenus*) and the cricket (*Anabrus*).—*Rept. U.S. ent. Com.*, Washington, **2**, pp. 183-222, 7 pls.
7924. MISHCHENKO, L. L. 1950. New species of locusts (Saltatoria-Orthoptera, Acrididae) from Middle Asia and Kashmir. (In *Paraconophyma* and *Conophyma*.)—*Dokl. Akad. Nauk U.S.S.R.*, (*C.R. Acad. Sci. U.S.S.R.*), Moscow, (N.S.) **72**, pp. 213-215.
- MISTSHENKO, L.—See MISHCHENKO, L. L.
7925. MITCHENER, A. V. 1921. The Manitoba grasshopper campaign of 1920.—*51st Ann. Rept. Ent. Soc. Ontario, 1920*, Toronto, **1921**, pp. 16-19.
7926. MITCHENER, A. V. 1937. A note on the grasshopper situation in Manitoba in 1936.—*Rep. ent. Soc. Ont.*, Toronto, **67** [1936], pp. 68-69.
7927. MITCHENER, A. V. 1938. A note on the grasshopper situation in 1937.—*Rep. ent. Soc. Ont.*, Toronto, **68** [1937], p. 70.
7928. MOFFAT, J. A., 1895.—*Acridium americanum*.—*Canad. Ent.*, London (Ont.), **27**, p. 52.
- MORALES AGACINO, E. 1945.—See MENDIZÁBAL, M. and MORALES AGACINO, E. 1945.
7929. MORALES AGACINO, E. 1946. Presencia accidental de la langosta del desierto, *Schistocerca gregaria* (Forsk.), en el noroeste de la Península Ibérica.—*Bol. Pat. veg. Ent. agric.*, Madrid, **14**, pp. 385-392. 1 map, 1 graph.
7930. MOREIRA, C. 1925. "*Schistocerca paranensis*".—*Bol. Minist. Agric. Com. e Ind.*, Rio de Janeiro, (2) **14** (2), pp. 189-190.
7931. MOREIRA, C. 1931. Brazil : Principal pests of crops.—*Int. Bull. Plant Prot.*, Rome, **5**, pp. 157-158.
7932. MORENO MÁRQUEZ, V. 1940. Seis fórmulas de cebo contra la langosta —*Bol. Pat. veg. Ent. agric.*, Madrid, **9**, pp. 154-161. Also as *Trab. (Ser. Fitopat.) Inst. nac. Invest. agron.* No. 27. Also as *Publ. Serv. Lucha contra la Langosta*, No. 6.
7933. MORENO MÁRQUEZ, V. 1945. Zonas permanentes del langosta, en España : boceto ecológico de la serena.—*Bol. Pat. veg. Ent. agric.*, Madrid, **13** [1944], pp. 335-376, 1 fldg. map.

7934. MORENO MÁRQUEZ, V. 1946. Orientaciones para la localización de focos gregarigenos del *Dociostaurus maroccanus*.—*Bol. Pat. veg. Ent. agric.*, Madrid, **14**, pp. 237-252.
7935. MORETON, B. D. 1950. *Guide to British Insects. An Aid to Identification*. vii+188 pp.—London (Macmillan & Co. Ltd.).
7936. MORITZ, L. 1920a. *Locusta migratoria* L., and its control. [In Russian.].—*Contol. Agric. Pests (Stavropol. Govt. Div.)*, Stavropol, **1920**, 11 pp.
7937. MORITZ, L. 1920b. Field pests and their control. [In Russian.].—*Control Agric. Pests (Stavropol Govt. Div.)*, Stavropol, **1920**, 18 pp.
7938. MORITZ L. 1922. Report on the control of *Locusta migratoria* L. in the Stavropol Government during 1917-1921.—*Proc. 3rd All-Russian Entomo-Phytopath Meeting in Petrograd, 18th-25th, Dec. 1921*, Petrograd, pp. 104-114.
7939. (MOROCCO.) 1920. La lutte contre les insectes.—*La Progres Agric. et. Vitic.*, Montpellier, **74** (26), pp. 614-615.
7940. MORRILL, A. W. 1918. Experiments with grasshopper baits with incidental observations on the habits and destructiveness of the Differential Grasshopper (*Melanoplus differentialis*).—*J. econ. Ent.*, Concord, **11** (2), pp. 175-186.
7941. MORRILL, A. W. and LACROIX, D. S. 1938. Report on the insect investigation for the 1937 session.—*Bull. Conn. agric. Exp. Sta.* New Haven, No. 410, pp. 444-449.
7942. MORRIS, H. M. 1934. Annual report of the Entomologist for 1933.—*Rep. Dep. Agric. Cyprus, 1933*, Nicosia, pp. 43-47.
7943. MORRIS, H. M. 1937. Annual report of the Entomologist for 1936.—*Rep. Dep. Agric. Cyprus, 1936*, Nicosia, pp. 40-49.
7944. MORRIS, H. M. 1938. Annual report of the Entomologist for 1937.—*Rep. Dep. Agric. Cyprus, 1937*, Nicosia, pp. 42-47.
7945. MORRIS, H. M. 1939. Annual report of the Entomologist for 1938.—*Rep. Dep. Agric. Cyprus, 1938*, Nicosia, repr. 5 pp.
7946. MORSE, A. P. 1893a. A melanistic locust.—*Psyche*, Cambridge (Mass.), **6**, pp. 401-402.
7947. MORSE, A. P. 1893b. A new species of *Stenobothrus* from Connecticut, with remarks on other New England species.—*Psyche*, Cambridge (Mass.), **6**, pp. 477-479.
7948. MORSE, A. P. 1894a. Wing-length in some New England Acrididae.—*Psyche*, Cambridge (Mass.), **7**, pp. 13-14 ; and 53-55.
7949. MORSE, A. P. 1894b. A preliminary list of the Acrididae of New England.—*Psyche*, Cambridge (Mass.), **7**, pp. 102-108.
7950. MORSE, A. P. 1894c. *Shpharagemon* : A study of the New England species.—*Proc. Bost. Soc. nat. Hist.*, Boston, **26**, pp. 220-240.
7951. MORSE, A. P. 1894-1898. Notes on the Acrididae of New England I. (Tettginae).—*Psyche*, Cambridge (Mass.), **7**, pp. 147-154, 163-167, 1 pl., 1894. II. Tryxalinae. *Ibid.*, **7**, pp. 323-327, 342-344-382-384, 402-403, 407-411, 419-422, 443-445, 1 pl., 1896. III.

- Oedipodinae. *Ibid.*, 8, pp. 6-8, 35-37, 50-51, 64-66, 80-82, 87-89, 111-114, 1 pl., 1897. IV Acridiinae. *Ibid.*, 8, pp. 247-248, 255-260, 269-273, 279-282, 292-296, 1 pl., 1889. [This reference replaces Reference No. 3792 on p. 296 of Roonwal's main Bibliographia Acrididiorum, 1961].
7952. MORSE, A. P. 1895. New North American Tettiginae. I.—*J. N. Y. ent. Soc.*, New York, 3, pp. 14-16. II, *Ibid.*, 3, pp. 107-109, 1895.
7953. MORSE, A. P. 1899a. The distribution of the New England locusts.—*Psyche*, Cambridge (Mass.), 8, pp. 315-323, 1 pl.
7954. MORSE, A. P. 1899b. New North American Tettiginae. III.—*J. N. Y. ent. Soc.*, New York, 7, pp. 198-201.
7955. MOSSERI, V. M. 1915. Les sauterelles en Egypte.—*Bull. l'Union des Agric. d'Egypte*, , Cairo, No. 110, pp. 4-29.
7956. MUKERJI, S. and HARDAS, M. G. [1953]. Studies on the histopathological changes of the alimentary canal of second instar hoppers of *Schistocerca gregaria*, Forsk., as a result of ingestion of various synthetic insecticides.—*Proc. 41st Indian Sci. Congr. Hyderabad (Deccan)*, Calcutta, pt. 3, Abstracts, p. 259.
7957. MÜLLER, P. L. S. 1773-1776. *Des Ritters Carl von Linné vollständiges Natursystem nach der zwölften lateinischen Ausgabe and nach Anleitung des holländischen Houttuynischen Werks mit einer ausführlichen Erklärung*. 6 Theilen in 9 vols.—Nurnberg. (Orthoptera, 5 Theil, pp. 396-446, 1774.)
7958. MÜNGOMERY, R. W. 1945. Report of the Division of Entomology and Pathology.—*45th Rep. Bur. Sug. Exp. Sta. Qd.*, 1944-45, Brisbane, 1945, pp. 20-22.
7959. MÜNRO, J. A. 1939a. Grasshopper eggs and their larval predators show high degree of survival.—*Bi-m. Bull. N. Dak. agric. Exp. Sta.*, Fargo, 1 (3), pp. 3-4.
7960. MÜNRO, J. A. 1939b. Tillage operations as affecting grasshoppers.—*Bi-m. Bull. N. Dak. agric. Exp. Sta.*, Fargo, 2 (1) pp. 3-5.
- . MÜNRO, J. A. 1940.—See BRENTZEL, W. E. and MÜNRO, J. A. 1940.
7961. MÜNRO, J. A. and TELFORD, H. S. 1942. Grasshopper control aided by tillage methods.—*Bull. N. Dak. agric. Exp. Sta.*, Fargo, No. 309, 14 pp.

N

7962. NAGY, B. 1953. [The Saltatoria fauna of Batorliget.] [In Magyar.] *In Szekessy, V (Ed.) [The Batorliget nature reserve] Budapest, Akademiai Kiado*, pp. 187-193.
7963. NASUROV, K. S. 1925. Anti-locust measures in the Tcheliabinsk region in 1924. [In Russian.]—*Bull. Ent. Phytopath. Bur. Ural Soc. nat.*, Sverdlovsk, No. 3, pp. 9-10.
7964. NAVARRO, L. 1926. *Plagas de Langosta*. 62 pp., 12 figs.—Madrid.
- . NEEDHAM, J. G. 1898-1899.—See COMSTOCK, J. H. and NEEDHAM, J. G. 1898-1899.

7965. NEETHLING, J. B. 1952. Aldrin, endrin, isodrin and BHC for the control of the Brown Swarm Locust (*Locustana pardalina*).—*Shell agric. Bull.*, London, No. ADB 231, 4 pp., mimeograph.
7966. NEWMAN, L. H. 1950. Crickets and grasshoppers.—*Nat. Lover*, London, 7, pp. 120-123.
7967. NIKOLSKII, V V 1922a. The Asiatic Locust, *L. migratoria* L. [In Russian.]—*Petrograd Sta. Plant Prot. Pests*, Petrograd, 23 pp.
7968. NIKOLSKII, V V 1922b. The locust danger. [In Russian.]—*Cotton Indust.*, Moscow, 1 (5-6), pp. 16-19.
7969. NIKOLSKII, V V 1923. On the gravestone of the cotton industry as a result of locust danger, on the locust bacillus and foreign entomologists. [In Russian.]—*Cotton Indust.*, Moscow, 2 (3-4), pp. 37-41.
7970. NIKOLSKII, V V 1924a. A discovery in the bionomics of locusts. [In Russian.]—*Cotton Indust.*, Moscow, 3 (3-4), pp. 71-78.
7971. NIKOLSKII, V V 1924b. A new method of locust control. [In Russian.]—*Cotton Indust.*, Moscow, 3 (9-10), pp. 77-88.
- . NODDER, R. P. 1790-1813.—See SHAW, G. and NODDER, R. P. 1790-1813.
7972. NORRIS, F. DE LA MARE. 1913.—Locust work in Selangor; Progress report for October.—*Agric. Bull. F. M. S.*, Kuala Lumpur, 2 (5), pp. 124-125.
7973. NORRIS, F. DE LA MARE. 1914. Locust work in December.—*Agric. Bull. F. M. S.*, Kuala Lumpur, 2 (7), p. 186.
7974. NORRIS, F. DE LA MARE. 1915. Report on locust work—January, February, March, 1915.—*Agric. Bull. F. M. S.*, Kuala Lumpur, 3 (8), pp. 291-293.
- . NORTON, L.B. 1948.—See SUN, YUN-PEI., RAWLINS, and W A. NORTON, L.B. 1948.
7975. NOVÁK, V J. A. 1954. Growth of the corpora allata during post-embryonal development in insects.—*Mém. Soc. zool. tchécosl.*, Prague, 18, pp. 98-133.
7976. NOVITSKII, V YA. 1953. The Asiatic Locust in the delta of Amu-Darya and methods of its control. [In Russian.]—*Nukus* (Karakalpak State Publication Office), 36 pp.
7977. NOWELL, W. and URICH, F. W 1922. Plant diseases and pests.—*Bull. Dept. Agric. Trinidad & Tobago*, Port of Spain, 19 (4), pp. 169-187.
7978. NOWICKI, S. 1937. Nouveaux courants dans l'écologie des insectes nuisibles. [In Polish.]—*Las Polski*, Warsaw, 12 (1), pp. 24-37.

O

7979. OGLOBLIN, A. 1942. El problema de los acridios en la Republica Agrentina.—*2nd Conf. Int. Agric.*, Mexico, 14 pp. (mimeogr.)
7980. OGLOBLIN, A. 1946. Sobre las posibilidades de la lucha biológica contra los acridios.—*Conf. Int. Expertos de la Lucha Contra la Langosta*, Montevideo, 1934, pp. 33-38.

7981. OGLOBLIN, A. 1950. Preparación de los cebos tóxicos [for grasshoppers and locusts].—*Rev. Bolsa Com.*, Rasorio, **38** (931), pp. 11-14.
7982. O'KANE, W. C. 1942. Results with benzene hexachloride.—*J. econ. Ent.*, Menasha, **40** (1), pp. 133-134.
7983. OKEN [OCKENFUSS], L. 1813-1826. *Lehrbuch der Naturgeschichte*. 3 vols. in 6.—Leipzig. (Orthoptera, **3**, pt. 1, pp. 444-453, 1815.)
7984. OLALQUIAGA FAURÁ, G. 1946. Apostillas al conocimiento de las langostas.—*Simiente*, Santiago, **16**, pp. 6-15.
7985. OMURA, T. 1952. On the sexual dimorphism of the spermatids in four species of the Orthoptera. [In Japanese, with English summary.]—*Coord. Comm. Res. Gen.*, Tokyo, **3**, pp. 171-177.
7986. OSBORN, H. 1884. Notes on locust parasites.—*Bull. Iowa agric. Coll. Dept. Ent.*, Cedar Rapids, **2**, pp. 83-86.
7987. OSBORN, H. 1891. Report of a trip to Kansas to investigate reported damages from grasshoppers.—*Insect Life*, Washington, **4**, pp. 49-56. Also in *Rept. ent. Soc. Ont.*, Toronto, **22**, pp. 69-74, 1891; and in *Bull. Div. Ent. U.S. Dept. Agric.*, Washington, **27**, pp. 58-64, 1892.
7988. OSBORN, H. 1892. On the Orthopterous fauna of Iowa.—*Proc. Iowa Acad. Sci.*, Des Moines, **1** (2), pp. 116-120.
7989. OSBORN, H. and GOSSARD, H. A. 1891a. Report on entomological work.—*Bull. Iowa exp. Sta.*, Des Moines, **14**, pp. 166-180.
7990. OSBORN, H. and GOSSARD, H. A. 1891b. Reports on injurious insects.—*Bull. Iowa exp. Sta.*, Des Moines, **15**, pp. 255-273.
7991. OTANES, F. Q. 1941. Locust outbreak probable between 1941 and 1944.—*Naric.*, Manila, **1** (4), pp. 281-286.
7992. OTANES, F. Q. 1953. Tobacco pests and diseases in the Philippines and their control.—*Pl. Ind. Dig.*, Manila, **16**, pp. 14-27, mimeograph. Also in *Proc. 2nd Tobacco Conf. 1953*, pp. 19-38, (published by the Bureau of Plant Industry).

P

7993. PACKARD, A. S. 1869. *Guide to the Study of Insects and a Treatise on those Injurious and Beneficial to Crops. For the use of Colleges, Farmschools, and Agriculturists*. 8+702 pp.—Salem. (Orthoptera, pp. 556-577.) The later editions, practically the same for the Orthoptera, are not here recorded.
7994. PACKARD, A. S. 1873. *Our Common Insects*. 225 pp.—Boston (Eastes & Lauriat).
7995. PACKARD, A. S. 1878. Metamorphoses [of locusts].—*1st Rept. U. S. Ent. Comm.*, Washington, pp. 279-284, 3 pls.
7996. PACKARD, A. S. 1881. Insects injurious to forest and shade trees.—*Bull. U. S. Ent. Comm.*, Washington, **7**, 275 pp.
7997. PACKARD, A. S. 1883. The systematic position of the Orthoptera in relation to other orders of insects.—*3rd Rept. U. S. Ent. Comm.*, Washington, pp. 286-304.

7998. PACKARD, A. S. 1889. *Guide to the Study of Insects*. 9th Edition. 12+715 pp., 15 pls.—New York (Henry Holt & Co.).
7999. PACKARD, A. S. 1899. *Entomology for Beginners*. 3rd Edition. 16+367 pp.—New York (Henry Holt & Co.).
8000. PACKARD, A. S. and MINOT, C. S. 1878. Anatomy and embryology [of the locust].—*1st Rept. U. S. Ent. Comm.*, Washington, pp. 257-279.
8001. PAINTER, H. R., FLUKE, C. L. and GRANOVSKY, A. A. 1925. Attractant and poisoned bait experiments on the Pellucid Grasshopper.—*J. econ. Ent.*, Geneva (N. Y.), 18 (6), pp. 818-823.
- . PAINTER, R. H. 1942.—See WILBUR, D. A., FRITZ, R. F. and PAINTER, R. H. 1942.
8002. PAINTER, R. H., BRYSON, H. R. and WILEUR, D. A. 1954. Insects that attack wheat.—*Bull. Kansas agric. Exp. Sta.*, Manhattan, No. 367, 47 pp.
8003. PAIROA, E. H. 1944. Estudios sobre un Pentatómido útil, e *Apateticus (Podisus) nigro-limbatus* Porter.—*Agricultura téc. Santiago*, 4 (1), pp. 26-37.
8004. [PAKISTAN.] 1950. Food and agriculture in Pakistan.—*Agric. Pakist.*, Karachi, 1, pp. 257, 268.
8005. [PAKISTAN.] 1953a. News about ourselves. [The Department of Agriculture.]—*Agric. Pakist.*, Karachi, 2 [1951], pp. 151-152.
8006. [PAKISTAN.] 1953b. News about ourselves. (The Department of Agriculture.)—*Agric. Pakist.*, Karachi, 3 [1952], pp. 171-186.
8007. PALISOT DE BEAUVOIS, A. M. F. J. 1805-1821. *Insects recueillis en Afrique et en Amérique dans les royaumes d'Oware à Saint-Domingue et dans les États-unis pendant les années 1786-1797*. 2t. p., 16+276 pp., 90 pls.—Paris.
8008. PALLAS, P. S. 1767-1779. *Speicelegia zoologica quibus noaev imprimis et obscurae animalium species iconibus, descriptionibus atque commentariis illustrantur*. Tom. 1, fasc. 1-10.—Berlin Tom. 2, fasc. 11-13. 1776-1779. (Tom. 1 is also entitled : *Speicelegia zoologica, Tomus 1. Continens quadrupedum, avium, amphibiorum, piscium, insectorum, molluscorum, aliorumque marinorum fasciculos decem.*). (Orthoptera, fasc. 9, 87 pp., 5 pls. 1772).
8009. PANZER, G. W. F. 1785-1788. *Rob Drurys Abbildungen und-Beschreibungen exotischen Insecten mit fein illuminierten Kupfertafeln. Aus dem english übersetzt mit völlstandiger Synonymie und erläutern den Bemerkungen versehen*.—Nürnberg.
8010. PARIS, P. 1937. Pullulation d'acridiens en un point de la vallée de la Saône.—*Bull. Sci. Bourgogne*, Dijon, 6 [1936], pp. 87-89.
- . PARKER, J. R. 1918.—See COOLEY, R. A., PARKER, J. R. and SEAMANS, H. L. 1918.
- . PARKER, J. R. 1924.—See RUGGLES, A. G. and PARKER, J. R. 1924.
8011. PARKER, J. R. 1947. Comments and suggestions on locust control in Argentina.—*U. S. Dep. Agric. Bur. Ent.* Washington, No. B-734, 14 pp. (mimeogr.).

8012. PARKER, J. R. 1950. Grasshopper control with some of the newer insecticides.—*Proc. amer. Assoc. econ. Ent. (North Centr. States Br.)*, 5, p. 54.
8013. PARSONS, F. W. 1889. Another note on the retarded development of *Caloptenus spretus* at Manhattan, Kans.—*Insect Life*, Washington, 1, p. 380.
8014. PASQUIER, R. 1952. Quelques propositions de terminologie acridologique. Première note. Terminologie concernant le comportement et l' aspect des Acrididae grégariaptes.—*Ann. Inst. agric. Algér.*, Algiers, 6 (6), pp. 1-16.
8015. PAUL, L. C. 1940. Appraisal of grasshopper control methods in Saskatchewan.—*Iowa St. Coll. J. Sci.*, Ames, 15 (1), pp. 95-97.
8016. PAUL, L. C. 1942. A dry bait for grasshopper control.—*Canad. Ent.*, Guelph, 74 (5), pp. 77-78.
8017. PAUL, L. C. and KING, K. M. 1944. Flour, a substitute for bran in grasshopper bait.—*Sci. Agric.*, Ottawa, 24 (7), pp. 332-340.
8018. PAUL, L. C., KING, K. M. and BERG, V. L. 1937. Summary of Saskatchewan grasshopper infestations, autumn 1937. and ratings of probable outbreaks 1938.—*Saskatoon Leaflet. Dep. Agric. Canada*, Ottawa, No. 52, 95 pp., 2 col. fldg. pls., multigraph.
8019. PEIRCE, J. D. 1891. Rocky Mountain Locust in North Dakota.—*Insect Life*, Washington, 4, pp. 79-80.
8020. PERTY, J. A. M. 1830-1834. *De insectorum in America meridionali habitantium vitae genere, moribus ac distributione geographica observationes nonnullae*. 44 pp. Appended to *Delectus animalium articulorum quae in itinere per Brasiliam annis 1817-1820 jussu et auspiciis Maximiliani Joseph I. Bavariae regis augustissime peracto collegerunt Dr. Jean Baptiste de Spix et Dr. Charles Frederic Philippe de Martius. Degessit, descripsit, pingenda curavit Dr. Maximilianus Perty, praefatus est et edidit C. F. Ph. de Martius.*—*Monachii*.
8021. PHILLIPS, J. B. 1877. The Rocky Mountain Locust, *Caloptenus spretus*.—*Stat. Minn., 1876. Ann. Rept. Comm. Stat., 1876*, St. Paul, 8, pp. 88-112.
8022. PICKARD, B. C. 1954. *Grasshoppers and Crickets of Great Britain and the Channel Island*. 131 pp.—London.
8023. PIERS, H. 1916-1917. The Orthoptera (cockroaches, locusts, grasshoppers and crickets) of Nova Scotia ; with descriptions of the species and notes on their occurrence and habits.—*Proc. & Trans. Nova Scot. Inst. Sci.*—Halifax, 14 (3), pp. 201-354, 4 pls.
- .PIRIE, H. 1950.—See BLACK, D. J. G., GETTY, J., JAMESON, H. R. and PIRIE, H. 1950.
8024. PLOTNIKOV, V. I. 1914. The question of the control of *Locusta migratoria* in the province of Semiretchensk (Turkestan). [In Russian.]—*Agric. Turkestan*, Tashkent, No. 10, pp. 900-912.
8025. PLOTNIKOV, V. I. 1921. What is necessary in order to increase our knowledge of locusts? [In Russian.]—*Bull. 3rd All-Russian Ent. Phytopath. Meeting in Petrograd (18th-25th Dec. 1921)*, Petrograd, No. 7, pp. 12-13.

8026. PLOTNIKOV, V. I. 1923. *Dociostaurus maroccanus* Thunb., *Caliptamus italicus* L. and *Locusta migratoria* L. [In Russian.]—*Turkapravada*, Tashkent, 2 (1-2), pp. 3-4 and 6-7.
8027. PLOTNIKOV, V. I. 1924. The locust prospects of 1923 in Turkestan. [In Russian.]—*Cotton Indust.*, Moscow, 2 (3-4), pp. 34-36.
8028. POLOZHENTSEV, P. A. 1954. Helminthids (nematodes and gordiids). Review of the current literature. [In Russian.]—*Turd. gel'mint. Lab.*, Moscow, 7, pp. 282-303.
8029. PONIATOVSKY, S. 1913. On the question of the fight against *Stauronotus maroccanus* Thb. in Bokhara.—*Agric. Turk.*, Tashkent, No. 2, pp. 109-114.
8030. POPENOE, E. A. 1891. Notes on the recent outbreak of *Disosteira longipennis*.—*Insect Life*, Washington, 4, p. 41. Also in *Rept. ent. Soc. Ont.*, Toronto, 22, p. 63, 1891.
8031. POPHAM, W. L. and REYNOLDS, D. 1950. Grasshoppers' another season.—*U. S. Dept. Agric. Off. Inform.*, Washington, 3 pp.
8032. PORTER, C. E. 1917a. La última invasión de langosta en Argentinae.—*An. Zool. Apl.*, Santiago de Chile, 4 (1), pp. 19-24.
8033. PORTER, C. E. 1917b. Notas de acarologia. Un parásito de la *Schistocerca paranensis* Burm.—*An. Zool. Apl.*, Santiago de Chile, 4 (2), p. 30.
8034. PORTILLO, G. A. 1937. Posibilidades que ofrece el avión en la República Argentina en la lucha contra la langosta.—*5th Conf. Nac. Aeron. (Minist. Agric. Nac. Dir. Déf. Agric.)*, Buenos Aires, 59 pp.
8035. PORTILLO, G. A. 1939. Campaña aérea antiacridiana realizada en base al proyecto estudiado y aprobado por la.—*5th Conf. Nac. Aeron.*, (Minist. Agric. Nac. Dir. Déf. Agric.), Buenos Aires, 27 pp.
8036. PORTILLO, G. A. 1946a. Observación aérea para el control de las mangas de langosta.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, pp. 68-72.
8037. PORTILLO, G. A. 1946b. Empleo de aviones y su coordinación con los métodos de lucha terrestre en la guerra química contra la langosta.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, pp. 52-85.
8038. PORTILLO, G. A. 1946c. Empleo del helicóptero en la lucha contra la langosta.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, pp. 74-77.
8039. PORTILLO, G. A. 1946d. Eficiencia que debe esperarse de la coordinación del trabajo diurno y nocturno sobre una manga.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, pp. 106-108.
8040. PORTILLO, G. A. 1946e. Instrucciones generales para los pilotos que intervienen en la campaña antiacridiana.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, pp. 155-161.
8041. PORTILLO, G. A. 1947. *Instrucciones para el servicio de helicópteros y para los pilotos que intervienen en la campaña antiacridiana*. 19 pp.—Buenos Aires (Minist. Agric.).

8042. PORTILLO, G. A. and MARCHIONATTO, J. B. 1946. Aspectos fundamentales de la organización del trabajo en la lucha contra la langosta.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, pp. 177-183.
8043. PORTSCHINSKY, J. 1894. *Ueber die den Sasten und Gräsern in den Gouvernements Perm, Tobolsk und Orenburg schädliche Heuschrecken*. 131 pp.—St. Petersburg.
8044. PORTSCHINSKY, J. 1895. *Die Parasiten der schädlichen Feldheuschrecken Russlands*. 32 pp.—St. Petersburg.
8045. —Deleted.
8046. PRADHAN, S. and BINDRA, O. S. 1953. Comparative resistance, surface area and cuticular components of different instars of locust (*Schistocerca gregaria* Forskal).—*Proc. Indian Sci. Congr. Hyderabad Deccan 1953*, Calcutta, 4, Pt. 3, Abstracts, pp. 259-260.
8047. PRATT, H. C. 1914. Locust spraying experiments.—*Agric. Bull. F. M. S.* Kuala Lumpur, 2 (10), pp. 249-255.
8048. PRATT, H. C. and SOUTH, F. W. 1913. Progress report on locust work since June, 1913.—*Agric. Bull. F. M. S.*, Kuala Lumpur, 2 (3), pp. 53-59.
8049. PRATT, H.C. and SOUTH, S.W. 1914. Progress report on locust work to November 30th. 1913.—*Agric. Bull. F.M.S.*, Kuala Lumpur, 2(6), pp. 152-156.
8050. PREDTECHENSKII, S.A. 1925. The locust fauna of the Moksha River basin in Central Russia. [In Russian.]—*Déf d' Plantes*, Leningrad, 2(3), pp. 153-154.
8051. PREDTECHENSKII, S.A. 1928. *Chorthippus volgensis* Sp. n.) (Orthoptera, Acridodea) aus dem Gebiet der unteren Wolga. [In Russian.]—*Rev. russe Ent.*, Moscow, 22(3-4), pp. 229-230.
8052. PREDTECHENSKII, S.A. 1936. The geographical distribution and zones of economic importance of the Moroccan Locust (*Docostaurus moroccanus* Thnb.) in USSR.—*Summary Sci. Res. Work. Inst. Plant Prot. (Lenin Acad. agric. Sci., 1935)*, Leningrad, pp. 16-20.
8053. PRUTHI, H.S. 1939. Ecology and control of insects.—*Indian J. Ent.*, New Delhi, 1(3), pp. 87-91.
8054. PUNGUR, J. 1918. Orthoptera (*In Fauna regni Hungariae*).—Budapest.
8055. PUTNAM, L.G. 1949. Insecticides for grasshopper control.—*Proc. Publ. Dept. Agric. Canada, Div. Ent.*, Ottawa, No. 73.
8056. PYLNOV, E. 1917. Contribution to the Acridiid and Locustid fauna of Northern Mongolia. [In Russian.]—*Rev. Russ. Ent.* Petrograd, 16 (3-4), pp. 275-284.
- PYNE, C. K. 1954. —See RAY-CHAUDRI, S. P. and PYNE, C. K. 1954.

Q

NIL

R

8057. RABELER, W. 1952. Die Tiergesellschaft hannoverscher Tal-fettwiesen (*Arrhenatheretum elatioris*).—*Mitt. flor.-soziol. Arbeitsgem.*, Stolzenau/Waser, (N.F.) Hft 3, pp. 130-140.
8058. RABELER, W. 1953. Die Tiergesellschaft eines nitrophilen Kriechrasens in Nordwestdeutschland.—*Mitt. flor.-soziol. Arbeitsgem.*, Stolzenau/Weser, (N.F.) Hft 4, pp. 166-171.
8059. RAEVSKÍt, V. 1932. On the organisation of the control of adult Moroccan Locust with poisoned bran mash. [In Russian.]—*Bull. Plant. Prot.*, Leningrad, 3, pp. 5-12.
8060. RAFES P.M. 1931. Technical methods and organisation of the control of the Migratory or Asiatic Locust (*Locusta migratoria* L.) [In Russian.]—*Bull. N. Caucas. Agric. For. Pests*, Rostov-on-Don, 4, 73 pp.
8061. RAMÍREZ, R. 1917. *Medias contre la plaga de la langosta*. 60 pp.—Mexico (Dirección Agric.)
8062. RANJIFO, O. 1896. La langosta en el Sur (Crónica Agrícola).—*Bol. Soc. Nac. Agric.*, Santiago, 27, pp. 214-215.
8063. RATHVON, S.S. 1869-1870. Rocky Mountain grasshopper cannot live in Pennsylvania.—*Amer. Ent.*, St. Louis, 2, p. 88. [Signed S.S.R.]
- . RAWLINS, W.A. 1948.—See SUN, YUN-PEI., RAWLINS, W.A. and NORTON, L.B. 1948.
8064. RAY-CHAUDRI, S.P. and PYNE, C.K. [1953]. The frequency of induced dicentric bridges in meiosis in the grasshopper, *Gesonía punctifrons* in relation to the intensity of radiation. *Proc. 41st Indian Sci. Congr. (Hyderabad (Deccan) Calcutta, Pt. 3, Abstracts*, p. 167.
8065. REDTENBACKER, J. 1893. *Ueber Wanderheuschrecke*. 24 pp.—Budweis (Abdr. Jahresb. deutsch. k.k. Staats-realsch. Budweis).
8066. REED, E.C. 1892. La langosta en Chile.—*Bol. Soc. Nac. Agric.*, Santiago, 23, pp. 596-597.
8067. REED (JR.), H.M. 1950. The lubber locust (*Romalea microptera*).—*Nat. Hist.*, New York, 59, p. 475.
8068. REHN, J.A.G. 1900a. *Melanoplus differentialis* in New Jersey and Pennsylvania.—*Canad. Ent.*, London (Ont.), 32, p. 28.
8069. REHN, J.A.G. 1900b. Notes on Mexican Orthoptera, with descriptions of new species.—*Trans. Amer. ent. Soc.*, Philadelphia, 27, pp. 85-99.
- . REHN, J.A.G. [1919-1928.]—See ANONYMOUS, 1929.
8070. REHN, J.A.G. 1919a. A study of the Orthopterous genus *Mermiria* Stål.—*Proc. Acad. nat. Sci. Philad.*, Philadelphia 71, pp. 55-120, 3 pls.
8071. REHN, J.A.G. 1919b. Descriptions of new and critical notes upon previously known forms of North American Oedipodinae (Orthoptera, Acrididae). First Paper.—*Trans. Amer. ent. Soc.* Philadelphia, 45, pp. 229-255, 3 pls.

8072. REHN, J.A.G. 1920. Records and descriptions of Brazilian Orthoptera.—*Proc. Acad. nat. Sci. Philad.*, Philadelphia, **72**, pp. 214-293, 2 pls.
8073. REHN, J.A.G. 1921a. Collecting grasshoppers in the southern Rockies and the plains.—*Ann. Rept. Acad. nat. Sci. Philad. for 1921*, Philadelphia, pp. 13-23.
8074. REHN, J.A.G. 1921b. Descriptions of new and critical note upon previously known forms of North American Oedipodina (Orthoptera, Acrididae). Second Paper.—*Trans. Amer. ent. Soc.*, Philadelphia, **47**, pp. 171-197, 2 pls.
8075. REHN, J.A.G. 1923. North American Acrididae (Orthoptera). Paper 3. A study of the Ligurotettigi.—*Trans. Amer. ent. Soc.*, Philadelphia, **49**, pp. 43-92, 2 pls.
8076. REHN, J.A.G. 1927. On new and certain previously known American genera of the Acridinae with specific comments and descriptions (Orthoptera, Acrididae).—*Trans. Amer. ent. Soc.* Philadelphia, **53**, pp. 213-240, 1 pl.
8077. REHN, J.A.G. 1928. On the relationship of certain new on previously known genera of the Acridine group Chrysochraontes (Orthoptera, Acrididae).—*Proc. Acad. nat. Sci. Philad.*, Philadelphia, **80**, pp. 189-205, 2 pls.
8078. REHN, J.A.G. and REHN, J.W.H. 1936. On new or redefined genera of Nearctic Melanopli (Orthoptera : Acrididae).—*Trans. Amer. ent. Soc. Philad.*, Philadelphia, **62**, pp. 1-30, 2 pls.
8079. REHN, J.A.G. and REHN, J.W.H. 1939. Comments on *Dendrotettix hesperus* Hebard.—*Trans. Amer. ent. Soc.*, Philadelphia, **65**, pp. 88-89.
- . REHN, J.W.H. 1936.—See REHN, J.A.G. and REHN, J.W.H. 1936.
- . REHN, J.W.H. 1939.—See REHN, J.A.G. and REHN, J.W.H. 1939.
- . REINHARDT, J.F. 1945.—See MILLS, H.B., CALLENBACH, J.A. and REINHARDT, J.F. 1945.
- . REINIGER, C.H. 1947-1951.—See LIMA, A.D.F., D'ARAJO SILVA, A.G., REINIGER, C.H., ALVES, J. and DA. M. RIBEIRO (JR.), A. 1947-1951.
8080. RÉTHLY, A. 1925. Les calamités naturelles en Hongrie de 930 à 1876.—*Mat. Étude d' Calamités*, Geneva, **1** (4), pp. 373-378 ; and **2** (5), pp. 77-78.
- . REYNOLDS, D. 1950.—See POPHAM, W.L. and REYNOLDS, D. 1950.
8081. [RHODESIA, SOUTHERN.] 1924. Locust invasion of Southern Rhodesia.—*Rhod. agric. J.*, Salisbury, **21**(2), pp. 190-192.
8082. [RHODESIA, SOUTH AFRICA.] 1938. A poison bait for young locust hoppers.—*Rhod. agric. J.*, Salisbury, **35** (2), pp. 134-138.
8083. [RHODESIA, SOUTH AFRICA.] 1939. Use of locust bait. Some amendments to previous suggestions.—*Rhod. agric. J.*, Salisbury, **36**(3), pp. 236-237.
8084. RICCI, I. and VERNIA, R.L. 1950. First results of locust control in the province.—*Romagna Agr. Zootec.*, Ravenna, **35**(14), p.2.

8085. RICE, R.I., JOHNSTONE, H.F. and KEARNS, C.W. 1946. A simple exhaust aerosol or spray generator for dispersing insecticide solutions.—*J. econ. Ent.*, Menasha, 39(5), pp. 652-658.
- . RILEY, C.V. 1869.—See WALSH, B.D. and RILEY, C.V. 1869.
8086. RILEY, C.V. 1869-1877. Annual Report of the Noxious, Beneficial and other Insects of the State of Missouri. 1, 180+7 pp., 2 pls. 1869. 2, 136+6 pp., 1870. 5, 160+8 pp. 1873. 6, 169+12 pp., 1874. 7, 8+196+4 pp., map., 1875. 8, 7+185+5 pp., 1876. 9, 7+129+5 pp., 1877. All publ. in Jefferson City. (Also see General Index to these Reports, C.V. RILEY, 1881, *infra*.)
8087. RILEY, C.V. 1877. *The Locust Plague in the United States ; Being more particularly a Treatise on the Rocky Mountain Locust or so-called Grasshopper, as it occurs east of the Rocky Mountains, with practical recommendations for its destruction.* 236 pp., 3 pls.—Chicago.
8088. RILEY, C.V. 1881. General index and supplement to the nine reports on the insects of Missouri.—*Bull. U.S. ent. Comm.*, Washington, 6, 178 pp.
8089. RILEY, C.V. 1888a. Injury by the Rocky Mountain Locust.—*Insect Life*, Washington, 1, pp. 30-31.
8090. RILEY, C.V. 1888b. Injury from non-migratory locusts in Michigan.—*Insect Life*, Washington, 1, pp. 86-87.
8091. RILEY, C.V. 1889. Two local outbursts of locusts.—*Insect Life*, Washington, 2, p. 27.
8092. RILEY, C.V. 1891a. Destructive locusts. A popular consideration of a few of the more injurious locusts (or "grasshoppers") of the United States, together with the best means of destroying them.—*Bull. Div. Ent. U.S. Dept. Agric.*, Washington, 25, 62 pp., 12 pls., map.
8093. RILEY, C.V. 1891b. Locust ravages of the present year.—*Insect Life*, Washington, 3, p. 438.
8094. RILEY, C.V. 1891c. Non-migratory locust devastations in Nevada.—*Insect Life*, Washington, 4, pp. 144-145.
8095. RILEY, C.V. 1892a. The locust or grasshopper outlook.—*Insect Life*, Washington, 4, pp. 321-323.
8096. RILEY, C.V. 1892b. Destructive locusts reported.—*Insect Life*, Washington, 4, p. 401.
8097. RILEY, C.V. 1893. The genus *Dendrotettix*.—*Insect Life*, Washington, 5, pp. 254-256.
8098. RITCHIE, A.H. 1936. Report of the Entomologist, 1935.—*Rep. Dep. Agric. Tanganyika, 1935*, Dar-es-Salaam, pp. 95-103.
8099. ROBBIE, W.A. 1946. Use of calcium cyanide solutions in HCN toxicity experiments with insects.—*J. econ. Ent.*, Menasha, 39 (3), pp. 400-402.
8100. ROCKWOOD, L.P. 1950. Entomogenous fungi of the family Entomophthoraceae in the Pacific Northwest.—*J. econ. Ent.*, Menasha, 43(5), pp. 704-707.

8101. **RODENDORF, B.B.** 1928. Flies of the family Sacrophagidae, parasites of Acrididae. [In Russian.]—*Pub. Uzbek. Sta. Prot. Plants*, Tashkent, No. 14, 64 pp.
8202. **RODRICUEZ, L.** 1942. La plaga de langostas en la Provincia de Imbabura.—*Bol. Dep. Agric. Ecuador*, Quito, No. 14, 18 pp.
8103. **RODRIGUEZ, T.** 1893. A propósito del folleto del señor Edwyn Reed "La Langosta en Chile" —*Bol. Soc. Nac. Agric.*, Santiago, 24, pp. 263-266.
- **ROLFE, D.T.** 1952.—See **BURGESS, L.E., McNEIL, E.H. and ROLFE, D.T.** 1952.
8104. **RONEY, J.N.** 1950. Grasshopper control in Arizona ranges.—*Arizona agric. Coll. Ext. Folder*, Phoenix, 62, 4 pp.
8105. **RORER, J.B.** 1915. Report by the Mycologist on the inoculation of locusts with *Coccobacillus acridiorum*.—*Bull. Dept. Agric. Trinidad and Tobago*, Port of Spain, 14(6), pp. 197-198.
8106. **ROSBACO, U.F.** 1949. Maices amargos.—*IDIA*, Buenos Aires, 2(24), p. 24.
8107. **ROSBACO, U.F.** 1951. Consideraciones sobre maices "amargos" con especial referencia a su cultivo en la provincia de Entre Rios.—*IDIA*, Buenos Aires, 4(46), pp. 1-13, 1 map, 4 photos.
- **ROSSI, E.R.** 1947.—See **STAJANO, C.B. and ROSSI, E.R.** 1947.
8108. **ROURAUD, E.** 1953. Diapauses secondaires et diapauses substitutives dans Revolution de certain insects.—*C. R. Acad. Sci.*, Paris, 236, pp. 2457-2459.
8109. **ROVIROSA, E.** 1912. *La langosta o chapulin de peste. El mejor metodo experimentado para extinguirlo.* (2nd ed.) 13 pp.—Mexico.
8110. **RUBY, J.** 1921a. Latitude contre les sauterelles dans les Bouches-du-Rhône.—*Progres Agric. & Vitic.*, Montpellier, 75 (11), pp. 254-259.
8111. **RUBY, J.** 1921b. La lutte contre les sauterelles dans les Bouches-du-Rhône.—*Progres Agric. & Vitic.*, Montpellier, 76 (45), pp. 441-446.
8112. **RUBY, J.** 1922. La lutte contre les sauterelles dans les Bouches-du-Rhône.—*Vie Agric. et. Rur.*, Paris, 20(17), p. 292.
8113. **RUFFINELLI, A. and CARBONELL, C.S.** 1954. Segunda lista de insectos y otros artrópodos de importancia económica en el Uruguay.—*Rev. Asoc. Ing. agron.*, Montevideo, No. 94[1953], pp. 33-82.
8114. **RUGGLES, A.G. and PARKER, J. R.** 1924. Kill grasshoppers with poisoned bran mash.—*Circ. Minnesota Univ. Agric. Extens. Div.*, St. Paul (Minn.), 17, 4 pp.

S

8115. **SACHAROV, N.L.** 1913a. Asiatic locusts in the lower part of the Volga, and the fight against them. [In Russian.]—*Orchard, Market-Garden and Bachza*, pp. 436-440, and 559-563.

8116. SACHAROV, N.L. 1913b. The campaign against locusts in the govt. of Astrakhan in 1913 and desirable organisation in future. [In Russian.]—*Work 1st All-Russian Cong. econ. Ent.*, Kiev, pp. 118-122.
8117. SAEZ, F.A. 1941a. Efectos de la centrifugación sobre las células sexuales de *Schistocerca paranensis*.—*Proc. 7th Int. Genel. Congr. (Edinburgh, 1939)*, Edinburgh.
8118. SAEZ, F.A. 1941b. Producción experimental de alteraciones en los cromosomas por la acción de la gravedad en *Schistocerca paranensis*.—*1st Reun. Soc. Argent. Agrot.*, Buenos Aires, pp. 61-62.
8119. SAEZ, F.A. 1947. Hibracas estructurales (inversiones) en *Schistocerca*.—*Com. Soc. Biol.*, Montevideo.
8120. SAEZ, F.A. 1952. Differentiation of meiotic heterochromatin and euchromatin by microspectrophotometric techniques. (Abs.)—*Anat. Rec.*, Philadelphia, **113**, p. 571.
- . SAKHAROV, N.L.—See SACHAROV, N.L.
- 8121.—Deleted.
- . SANTA MARÍA, H.C. 1947.—See COSTA, J.J., SANTA MARIA, H.C. and LAMDAM, S. 1947.
8122. SANTORO DE CROUZEL, I. 1944. First instar larva of *Acridiophag caridei* (Brethes) (Dipt. Sacrophagidae).—*Proc. ent. Soc. Wash.*, Washington, D.C., **46** (9), pp. 239-246.
8123. SAUSSURE, H. DE. 1861. Études sur quelques Orthoptères du Musée de Genève nouveaux ou imparfaitement connus.—*Ann. Soc. Ent. France*, Paris, (4) **1**, pp. 469-494, 2 pls.
8124. SAUSSURE, H. DE. 1872. [=1872-1879] *Études sur les insectes Orthoptères*. 6+533 pp., 8 pls.—Paris. [1872-1879]. (Mission scientifique au Mexique et dans l'Amérique centrale. Recherches zoologiques. Sixième patrie, première section, iivr. **1**, pp. 1-132, pl. 1-4, 1870 ; **2**, pp. 133-292, pls. 5-6, 1872 ; **3**, pp. 293-516, pls. 7-8, 1874 ; **4**, pp. (1-6), 517-533, 1879.
8125. SAUSSURE, H. DE. 1892. Orthoptera centrali americana.—*Soc. ent.*, Zurich, Zurich, **7**, pp. 1-1124.
8126. SAY, T. 1824-1828. *American Entomology, or Descriptions of the Insects of North America; Illustrated by Colored Figures from Original Drawings Executed from Nature*. 3 vols. Philadelphia. **1**, t. p., pp. 1-8, (1-112), pls. 1-18, 1824 ; ***2**, pp. (1-142), pls. 19-36, 1825 ; **3**, pp. (1-138), pls. 37-54, 1828. To which is added : A glossary to Say's Entomology, 38 pp. Philadelphia, 1825. (Complete writings, **1**, pp. 23-24 ; 1-160 ; pls. 1-54)
8127. SAY, T. 1837. Oeuvres entomologiques de Th. Say... contenant l'entomologie américaine, les mémoires insérés dans le Journal de l'Académie des Sciences Naturelles de Philadelphia

*A first fascicle was issued in 1817, containing t. p., pp. 1-10 (1-22), 6 pls. ; the plates being those of vol. 1 afterwards numbered 1, 4, 7, 10, 14, 18, but sometimes with changed nomenclature. It contained no Orthoptera (Note by S. H. Scudder, 1901. *Alphab. Index N. Amer. Orthop.*, p. 381).

- dans les Transactions de la Société Philosophique d'Amerique, dans le Journal de Boston, etc., etc., Recueillies et traduites par M.A. Gory. Livr. 1-4., pp. 1-320, pl. 1.—Paris.
8128. SCHANG, P.J. 1934. Algunas experiencias sobrela acción tóxica del paraiso (*Melia azadarach* L.)—*Rev. Med. Vet.*, Buenos Aires, **16**, pp. 10-25.
8129. SCHERBINOVSKIĪ, N.S. 1952. *Desert Locust, Schistocerca. Problem of the Protection of the Southern Territories of the U.S.S.R. from the invasions of Schistocerca.* 416 pp., 142 figs. (including figd. maps).—Moscow (State Publ. Agric. Literature).
8130. SCHIUMA, R. 1946. Empleo de cebos tóxicos desecados para la destrucción de la langosta (*Schistocerca cancellata* Serv.).—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, pp. 118-119.
8131. SCHOLL, E.E. 1914. *Grasshoppers and Their Control.* (Circular). 6 pp.—Austin (Texas Dept. Agric.).
8132. SCHWANWITSCH, B.S. 1949. *A Course of General Entomology* [In Russian.] 900 pp.—Moscow and Leningrad.
8133. SCUDDER, S.H. 1862. Materials for a monograph of the North American Orthoptera, including a catalogue of the known New England species.—*Boston J. nat. Hist.*, Boston, **7**, pp. 409-480.
8134. SCUDDER, S.H. 1868. [A chalciditan parasite of Oedipoda.]—*Proc. Bost. Soc. nat. Hist.*, Boston, **12**, p. 99. Also in *Ent. Notes*, Boston, **2**, p. 1, 1869.
8135. SCUDDER, S.H. 1875a. *Spharagemon*—a genus of Oedipodidae ; with a revision of the species.—*Proc. Bost. Soc. nat. Hist.*, Boston, **17**, pp. 467-471. Also in *Ent. Notes*, Boston, **4**, pp. 66-70, 1875.
8136. SCUDDER, S.H. 1875b. Revision of two American genera of Oedipodidae.—*Proc. Bost. Soc. nat. Hist.*, Boston, **17**, pp. 478-485. Also in *Ent. Notes*, Boston, **4**, pp. 77-84, 1876.
8137. SCUDDER, S.H. 1875c. A century of Orthoptera. Decade II.—*Proc. Bost. Soc. nat. Hist.*, Boston, **17**, pp. 454-462. Also in *Ent. Notes*, Boston, **4**, pp. 57-65.
8138. SCUDDER, S.H. 1876a. A century of Orthoptera. Decade V.—*Proc. Bost. Soc. nat. Hist.*, Boston, **18**, pp. 251-257. Also in *Ent. Notes*, Boston, **5**, pp. 6-12.
8139. SCUDDER, S.H. 1876b. A century of Orthoptera. Decade VI.—*Proc. Bost. Soc. nat. Hist.*, Boston, **18**, pp. 257-264. Also in *Ent. Notes*, Boston, **5**, pp. 12-19.
8140. SCUDDER, S.H. 1879. A century of Orthoptera. Decade X.—*Proc. Bost. Soc. nat. Hist.*, Boston, **20**, pp. 87-95.
8141. SCUDDER, S.H. 1890. Some genera of Oedipodidae rescued from the Tryxalidae.—*Psyche*, Cambridge, **5**, pp. 431-442.
8142. SCUDDER, S.H. 1893a. Malformations in embryo *Dissosteira*.—*Psyche*, Cambridge, **6**, p. 406.
8143. SCUDDER, S.H. 1893b. Galapagan genus *Halmenus*.—*Bull. Mus. Comp. Zool.*, Cambridge (Mass.), **25**, p. 17.

8144. SCUDDER, S.H. 1896. The Rocky Mountain Locust and its allies in Canada.—*Rept. ent. Soc. Ont.*, Toronto, 26, pp. 62-66.
8145. SCUDDER, S.H. 1897a. The species of the genus *Melanoplus*.—*Proc. Amer. phil. Soc.*, Philadelphia, 36, pp. 5-35.
8146. SCUDDER, S.H. 1897b. Revision of the Orthopteran group *Melanopli* (Acridiidae) with special reference to North American form.—*Proc. U. S. nation. Mus.*, Washington, 20, pp. 1-4+1-421, 26 pls.
8147. SCUDDER, S.H. 1897c. *Guide to the Genera and Classification of the North American Orthoptera found North of Mexico*. 89 pp.—Cambridge (Mass.).
8148. SCUDDER, S.H. 1897d. The genera of North American *Melanopli*.—*Proc. Amer. Acad. Arts Sci.*, Boston, 32 (9), pp. 193-206.
8149. SCUDDER, S.H. 1897e. Pink locustarians.—*Psyche*, Cambridge, 8, pp. 54-55.
8150. SCUDDER, S.H. 1898a. *Aulocara* and *Ageneotettix*.—*Psyche*, Cambridge, 8, p. 71.
8151. SCUDDER, S.H. 1898b. The Acridian subfamily Mastacinae in the United States.—*Psyche*, Cambridge, 8, p. 179.
8152. SCUDDER, S.H. 1898c. A preliminary classification of the Tryxalinae of the United States and Canada.—*Psyche*, Cambridge, 8, pp. 231-239.
8153. SCUDDER, S.H. 1898d. New *Melanopli*.—*Psyche*, Cambridge, 8, p. 299.
8154. SCUDDER, S.H. 1899a. Supplement to a revision of the *Melanopli*.—*Proc. Davenport Acad. nat. Sci.*, Davenport, 7, pp. 157-205, 3 pls.
8155. SCUDDER, S.H. 1899b. Short studies of North American Tryxalinae.—*Proc. Amer. Acad. Arts Sci.*, Boston, 35 (2), pp. 39-57.
8156. SCUDDER, S.H. 1900a. The species of the Oedipodine genus *Heliastus* Sauss., occurring in the United States.—*Psyche*, Cambridge, 9, pp. 45-47.
8157. SCUDDER, S.H. 1900b. The species of *Hadrotettix*, a genus of Oedipodinae.—*Psyche*, Cambridge, 9, pp. 67-69.
8158. SCUDDER, S.H. 1900c. The clear-winged species of the Oedipodine genus *Mestobregma*.—*Psyche*, Cambridge, 9, pp. 90-93.
8159. SCUDDER, S.H. 1900d. Localities for western Tryxalinae.—*Psyche*, Cambridge, 9, p. 95.
8160. SCUDDER, S.H. 1900e. The species of *Circotettix*, a North American genus of Oedipodinae.—*Psyche*, Cambridge, 9, pp. 135-141.
8161. SCUDDER, S.H. 1901a. A tropical type of Acridian new to the United States.—*J.N. Y ent. Soc.*, New York, 8 [1900] pp. 213-214.
8162. SCUDDER, S.H. 1901b. Alphabetical index to North American Orthoptera described in the eighteenth and nineteenth centuries.—*Occ. Papers Boston Soc. nat. Hist.*, Boston, No. 6, vi +1+436 pp.
- . SEAMANS, H.L.—1918.—See COOLEY, R.A., PARKER, J.R. and SEAMANS, H.L. 1918.

8163. Deleted.
8164. SECURA, J.C. 1884. *Informe que la Comisión para el estudio de los medios más adcaudos para la destrucción de la langosta rinde á la Secretaría de Fomento Chiapas.* 184 pp.—Mexico (Francisco Diaz de Leon).
8165. SEIXAS, C.A. 1946. Nuvens de gafannotos. —*Novas. Agric.* São Paulo, No. 17, 4 pp.
8166. SEMENOV, A.E. 1951. The noxious insect fauna of unirrigated orchards in Kondor. [In Russian.] Pp. 377-400. In Pavlovskif, E.N. and Zhadin, V.I [Eds.] *The Kondor Gorge.* 421 pp. —Leningrad & Moscow (*Acad. Sci. U.S.S.R.*).
8167. SEMPERS, F.W. 1894. *Injurious Insects and the use of Insecticides.* 10+216 pp., 1 pl.—Philadelphia (J.B. Lippincott Co.).
8168. SENGUPTA, G.C. and BEHURA, B.K. 1953. Note on the locust visitation of Orissa in 1953.—*Proc. 41st. Indian Sci. Congr., (Hyderabad, Deccan) 1964,* Calcutta, Pt. 3, p. 260.
8169. SERAVALLI, F. 1952. El combate de la langosta.—*Bol. téc. Minist. Agric. Costa Rica.*, San José, No. 8, 8 pp.
8170. SERBINOV, I.L. 1914. On the question of the chief diseases and pests (of plants) in the Govt. of Astrakhan.—*Diseases of Plants,* Petrograd, 8(6), pp. 155-174.
8171. SERGENT, E. 1944. Protection des cultures contre les acridiens par un extrait de mélia.—*Arch. Inst. Pasteur Algérie,* Algiers, 22(3), pp. 251-254.
8172. SERGENT, E. and L'HÉRITIER, A. 1914. Essai de destruction des sauterelles en Algérie par le *Coccobacillus acridiorum* de d'Hérelle.—*Bull. Soc. Nat. d'Acclimat.*, Paris, 61(14), pp. 456-467.
8173. SERVILLE, J.G.A. 1822-1831. In the *Dictionnaire classique d'histoire naturelle* par M.M. Audouin...et Bonj. de Saint Vincent. Ouvrage dirigé par ce dernier collaborateur, et dans lequel on a ajouté pour le porter au niveau de la science, un grand nombre de mots qui n'avaient pu faire de la plupart des dictionnaires antérieurs. Tom. 1-17.—Paris. (Orthoptera, 2, pp. 541-542, 1822.)
8174. SEVASTIANOV, I. 1914. On the question of the means of destroying *Stauronotas maroccanus* in Turkestan. [In Russian.]—*Agric. Turkestan,* Tashkent, No. 5, pp. 477-492.
8175. SEVASTIANOV, I. 1915. Whether the bacillus of d'Herelle or arsenic is necessary to control locusts? [In Russian.]—*Agric. Turkestan,* Tashkent, No. 2, pp. 151-171.
8176. SEVASTIANOV, I. 1923. Locusts in Turkestan and their control. [In Russian.]—*Turk. Political Educ. Dept. (Agric. Ser.),* Tashkent, No. 3, 49 pp.
8177. SEVASTOPULO, D.G. 1949. Field notes from East Africa (1).—*Entomologist,* London, 82, pp. 130-133.
- . SEVASTYANOV, I.—See SEVASTIANOV, I.
8178. SEVERIN, H.C. 1918. Injurious corn insects.—*Bull. S. Dakota Agric. Expt. Sta.,* Brookings, No. 178, pp. 780-813.

8179. SEVERIN, H.C. 1950. 'Hoppers', 1950.—*South Dakota Farm Home Res. (South Dakota Stat.)*, Sioux Falls, 1, pp. 57-59.
8180. SHAW, G. and NODDER, R.P. 1790-1813. *Vivarium naturae, or The Naturalist's Miscellany*. 24 vols.—London.
8181. SHERWOOD, A.H. 1918. Poisoned bait as a control for grasshoppers.—*S. Dakota State Coll. Agric. & Mech. Arts.*, Brookings, No. 5, 8 pp.
8182. SHIRAKI, T. 1925-1926. On Migratory Locusts. [In Japanese.] —*Formosan Agric. Rev.*, Taihoku, 19 [1925] (3), pp. 219-248 ; (4), pp. 332-344 ; (6), pp. 521-523 ; (7), pp. 619-629 ; (8), pp. 689-694 ; (11), 966-969 ; and 20 [1926] (1), pp. 47-58.
8183. SHOTWELL, R.L. 1953. The use of sprays to control grasshoppers in fall-seeded wheat in western Kansas.—*U.S. Bur. Ent.*, Washington, No. E-868, 14 pp.
8184. SHTAKEL' BERG, A.A. 1929. Ueber eine neue Muscide, die als Parasit in *Locusta migratoria* L. auftritt. [In Russian and German.] —*Izv. prikl. Ent.*, Leningrad, 4(1), pp. 121-129.
8185. SHTCHEGOLEV, I.M. 1913. *Report on injurious insects and diseases of plants in the Government of Taurida during the year 1912*. Pp. 24-56.—Simferopol.
8186. SHUFELDT, R.W. 1883. *Romalea microptera*.—*Science*, Cambridge (Mass.), 2, pp. 811-814, 1 pl.
8187. SHUTTS, J.H. 1952. Some characteristics of the hat ching enzyme in the eggs of *Melanoplus differentialis* (Thomas).—*Proc. S. Dak. Acad. Sci.*, Vermillion, 31, pp. 158-163.
8188. SHVANVICH, B.N. 1950. Aerodynamic stimulators of flight in grasshoppers (*Schistocerca gregaria transiens*)—*Priroda*, Moscow, 39(9), p. 68.
8189. SILVEIRO GUIDO, A. 1947. La langosta *Schistocerca cancellata* y su control.—*Rev. Fac. Agron.*, Montevideo, No. 44 [1946], pp. 69-166.
8190. SILVEIRO GUIDO, A. 1953. Las langostas cricollas y su control —*Bull. Minist. Ganad. Agric. Uruguay*, 10 (495), pp. 7 ; and 12.
8191. SKALOV, YU. YU. 1932. Poisoned baits as a method of controlling the Migratory Locust (*Locusta migratoria* L.), under the conditions of Kuban habitats. [In Russian.]—*Bull. N. Caucas. Inst. Plant Prot.*, Rostov on don, 1(8) (1), pp. 14-36.
8192. SLADE, R. 1945. A new British insecticide, the gamma isomer of benzene hexachloride.—*Chem. Trade J.*, London, 116 (3017), pp. 279-281.
- —. SLINGERLAND, M.V. 1890.—See COMSTOCK, J.H. and SLINGERLAND, M.V. 1890.
8193. SMEE, C. 1937. *Report of the Entomologist*.—*Rept. Dept. Agric. Nyasaland*, Zomba, 1936, pp. 20-24.
8194. SMEE, C. 1938. *Report of the Entomologist*.—*Rept. Dept. Agric. Nyasaland*, Zomba, 1937, pp. 19-26.
8195. SMEE, C. 1941. *Report of the Entomologist, 1940*. 7 pp., typescript.—Zomba (Dep. Agric., Nyasaland). (Summary in *Rey. appl. Ent. (A)*, London, 29, pp. 588-589, 1941).

8196. SMEE, C. 1943. *Report of the Entomologist, 1942*. 7 pp., type-script.—Zomba (Dept. Agric., Nyasaland). (Summary in *Rev. appl. Ent.*, (A), London, 31, pp. 353-354, 1943).
- . SMITH, G.L. 1945a.—See MICHEL BACHER, A.E., SMITH, R.F. and SMITH, G.L. 1945.
8197. SMITH, G.L. 1945b. Control of certain cotton insects with DDT Pp. 7-8. In "Investigation with DDT in California, 1944". 2+33 pp.—Berkeley.
8198. SMITH, J.B. 1890. *Catalogue of Insects Found in New Jersey*. 486 pp.—Trenton.
8199. SMITH, J.B. 1892. Grasshoppers, locusts and crickets.—*Bull. New Jersey agric. Coll. exp. Sta.*, New Burnswick, No. 90, 34 pp.
8200. SMITH, J.H. 1938. Report of the Entomological Section.—*Rept., Dept. Agric. Stk. Qd.* 1937-38, Brisbane, pp. 29-32.
8201. SMITH, J.H. 1940. Report of the Entomological Section.—*Rept. Dept. Agric. Stk. Qd.*, 1939-1940, Brisbane, repr. pp. 6-8.
8202. SMITH, R.C. 1937. Magnesium sulfate—an unsatisfactory substitute for arsenicals in grasshopper baits.—*Science*, New York, 86, pp. 226-228.
- . SMITH, R.F. 1945.—See MICHEL BACHER, A.E., SMITH, R.F. and SMITH, G.L. 1945.
8203. SNAPP, O.I. 1922. Arsenate of lead spray for plum curculio kills grasshoppers.—*J. econ. Ent.*, Geneva (N.Y.), 15, p. 247.
8204. SNODGRASS, R.E. 1954. Insect metamorphosis.—*Smithson. misc. Coll.*, Washington, 122(9), 124 pp., 17 figs.
- . SORENSON, C. J. 1938.—See KNOWLTON G.F. and SORENSON, C.J. 1938.
8205. SOTO, J.G. DE. 1946. La organización de la lucha contra la langosta en el Uruguay.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, pp. 163-172.
8206. [SOUTH AFRICA.] 1914. Locust destruction in the Cape Midlands.—*Agric. J. Un. S. Afr.*, Pretoria, 7(5), pp. 706-708.
8207. [SOUTH AFRICA.] 1915. Locust destruction.—*Bull. Dept. Agric. Un. S. Afr.*, Pretoria, No. 75, 8 pp.
- . SOUTH, F.W. 1913.—See PRATT, H.C. and SOUTH, F.W. 1913.
- . SOUTH, F.W. 1914a.—See PRATT, H.C. and SOUTH, F.W. 1914.
8208. SOUTH, F.W. 1914b. Agricultural Pests Enactment, No. 13 of 1913.—*Agric. Bull. F.M.S.*, Kuala Lumpur, 2(9), pp. 220-224.
8209. SOUTH, F.W. 1914c. Report on the work of locust destruction, January to March 1914.—*Agric. Bull. F.M.S.*, Kuala Lumpur, 2(9), pp. 227-230.
8210. SOUTH, F.W. 1914d. Summary of locust work, March 12 to April 30, 1914, Selangor.—*Agric. Bull. F. M.S.*, Kuala Lumpur, 2(11), pp. 294-297.
8211. SOUTH, F.W. 1914e. Report on locust work, 1st May to 5th July 1914.—*Agric. Bull. F. M.S.*, Kuala Lumpur, 2(12), pp. 323-326.

8212. SOUTH, F.W. 1915a. A summary of locust work in 1914.—*Agric. Bull. F.M.S.*, Kuala Lumpur, 3(8), pp. 293-297.
8213. SOUTH, F.W. 1915b. Summary of locust work or the third quarter July to September 1915.—*Agric. Bull. F.M.S.*, Kuala Lumpur, 4(3), pp. 68-72.
8214. SOUTH, F.W. 1916a. A summary of locust work in 1915.—*Agric. Bull. F.M.S.*, Kuala Lumpur, 4(5), pp. 146-150.
8215. SOUTH, F.W. 1916b. Summary of the locust work for the 1st. quarter, 1916.—*Agric. Bull. F.M.S.*, Kuala Lumpur, 4(9), pp. 291-297, table.
8216. SOUTH, F.W. 1916c. Summary of locust work for the 2nd quarter 1916.—*Agric. Bull. F.M.S.*, Kuala Lumpur, 4(12), pp. 385-390.
8217. SOUTH, F.W. 1916d. Summary of locust work for the 3rd quarter, 1916.—*Agric. Bull. F.M.S.*, Kuala Lumpur, 5(3), pp. 64-72, 1 table.
8218. SOUTH, F.W. 1917. Summary of locust work for the 4th quarter 1916.—*Agric. Bull. F.M.S.*, Kuala Lumpur, 6(1), pp. 21-37.
8219. [SPAIN] 1923. La compana contra la langosta.—*Rev. Inst. Agric. Catalán S. Isidro*, Barcelona, 72(5), pp. 93-94.
8220. SPAWN, G.B. 1944. Tillage methods in grasshopper control.—*Bull. S. Dakota agric. exp. Sta.*, Brookings, No. 379, 16 pp.
- . SPENCE, W. 1818-1826.—See KIRBY, W. and SPENCE, W. 1818-1826.
8221. SPENCER, G.J. 1940. The effect of hailstorms on grasshoppers.—*Canad. Ent.*, Guelph, 72(12), pp. 233-234.
8222. SRIVASTAVA, A.S. 1954a. Important pests and diseases of sugarcane in Uttar Pradesh and their control during 1954. —*Proc. 23rd (Mtg.) Sugar Technol. Assn. India*, Nawabganj (Kanpur), Pt. 2, pp. 158-165.
8223. SRIVASTAVA, A.S. 1954b. Important pests and diseases of sugarcane in Uttar Pradesh and their control during 1954.—*Agric. & anim. Husb. Uttar Pradesh*, Lucknow, 5(5), pp. 5-6.
8224. SRIVASTAVA, A.S. 1954c. Uttar Pradesh mein tiddiyon kā ākraman aur uski rōk thām. [in Hindi.] [Locust invasion in Uttar Pradesh and its control.]—*Krishi aur Pashupalan* (Agric. & anim. Husb.), Lucknow, 5(5), pp. 5-10.
8225. STAJANO, C.B. and ROSSI, E.R. 1947. Contribución al conocimiento del valor bromatológico de la langosta voladora (*Sch. cancellata*) y de sus huevos.—*Rev. Fac. Agron.*, Montevideo, No. 44, pp. 229-237.
8226. STÅL, C. 1878. Observations Orthopterologiques, 3. De Genere *Pezotettixgis* et nonnullis Generibus affinis.—*Bihang K. Svenska Vet. Akad. Handl.*, Stockholm, 5(9), pp. 3-20.
8227. STANKOVIC', A and BJEGOVIC', P. 1951. Essais de lutte contre quelques insectes nuisables aux plantes cultivées. [In Serbian, with French summary.]—*Zastita bilja*, Belgrade, 3.
8228. STEINHAUS, E.A. 1945. Insect Pathology and biological control.—*J. econ. Ent.*, Mensaha, 38(5), pp. 591-596.

8229. STERNBURG, J. and KEARNS, C.W. 1952. Chromatographic separation of DDT and some of its known and possible degradation products.—*J. econ. Ent.*, Menasha, 45(3), pp. 505-509.
8230. STOLL, O. 1881. Ueber die Wanderheuschrecke von Central-Amerika, *Schistocerca (Acridium) peregrina* Oliv.—*Mitth. schweiz. ent. Ges.*, Schaffhausen, 7, pp. 199-211.
8231. STRANDTMANN, R.W. 1953. Notes on the nesting habits of some digger wasps.—*J. Kans. ent. Soc.*, Manhattan, 26, pp. 45-52.
8232. STRONG, I. A. 1940. *Report of the Chief of the Bureau of Entomology and Plant Quarantine 1939-1940*. 128 pp.—Washington (U.S. Dept. Agric.).
8233. STUARDO, O. 1943. Un *Calliphoridae* (Diptera) que debe incorporarse a la fauna Chilena.—*Bol. Dep. San. Veg.*, Santiago de Chile, 2(2), p. 132.
8234. [SUDAN GOVERNMENT.] 1954. *Annual Report of the Research Division, 1951-52*. 191 pp. 1 map.—Sudan (Minist. of Agric.).
8235. SUDEIKIN, G.S. 1913. *Pests of Agricultural plants in the Government of Voronezh, according to observations made in the year 1912*. [In Russian.] 68 pp.—Voronezh.
8236. SUIZER, J.H. 1761 *Die Kennzeichen der Insekten nach anleitung des Ritters Karl Linnaeus durch 24 Kupfertafeln erläutert und mit derselven natürlichen Geschichte begleitet. Mit einer Vorrede der Herrn Johannes Geszners*. 28+203+67 pp., 24 pls.—Zurich.
8237. SUN, YUN-PEI., RAWLINS, W.A. and NORTON, L.B., 1948. Comparative toxicity of chlordan, DDT, benzene hexachloride and chlorinated camphene.—*J. econ. Ent.*, Memasha, 41(1), pp. 91-97.
8238. SUNDBERG, R. 1916. *Memoria de los trabajos realizados contra la longosta. Invasion de 1915-1916*. 444 pp.—Montevideo (Minist. Indust.).
- . SUTTON, W.S. 1900.—See HUNTER, S.J. and SUTTON, W.S. 1900.

T

8239. T.S. 1917. On anti-locust measures in Bokhara. [In Russian.]—*Agric. Turkestan*, Tashkent, 12 (4-5), p. 310.
8240. TARBINSKI, S.P. 1925. The Orthopterous fauna of the Bryans Government. [In Russian.]—*Déf. des Plantes*, Leningrad, 1(6), pp. 206-210.
- . TELFORD, H.S. 1942.—See MÜNRO, J.A. and TELFORD, H.S. 1942.
8241. THOMAS, C. 1865. Insects injurious to vegetation in Illinois.—*Trans. Illinois State Agric. Soc.*, Springfield, 5 [1861-64], pp. 401-468.
8242. THOMAS, C. 1876a. A list of the Orthoptera of Illinois.—*Bull. Illinois Mus. nat. Hist.*, Springfield, No. 1, pp. 59-69.
- 8243 THOMAS, C. 1876b. A list of Orthoptera collected by Joseph Duncan Putnam of Deavenport, Iowa, during the summers of 1872-3-4 and -5, chiefly in Colorado, Utah and Wyoming Territories.—*Proc. Davenport. Acad. nat. Sci.*, Davenport, 1, pp. 249-264, 1 pl.

8244. THOMAS, C. 1877. Description of a new species of Acrididae from Arizona.—*Proc. Davenport Acad. nat. Sci.*, Davenport, 2, pp. 124-125, 1 pl.
8245. THOMAS, C. 1877-80. *Report of the State Entomologist on the Noxious and Beneficial Insects of the State of Illinois*. No. 6, pp. 174+7, 1877 ; No. 7, 290 pp., 1878 ; No. 9, pp. 4+142+6 pp., 1880.—Springfield.
8246. THOMAS, C. 1878. On the Orthoptera collected by Dr. Elliott Coues, U.S.A., in Dakota and Montana, during 1873-74.—*Bull. U.S. geol. Surv. Terr.*, Washington, 4, pp. 481-501.
8247. THOMAS, C. 1880. *Manual of Economic Entomology*. Part 3. The Acrididae of Illinois.—*Rept. Ent. Illinois*, Springfield, 9, pp. 71-140.
- . THOMPSON, R.W. 1937.—See GILBERT, H.A. and THOMPSON, R.W. 1937.
- . THOMPSON, W.L. 1948.—See GRIFFITHS (JR.), J.T. and THOMPSON, W.L. 1948.
8248. THOMSEN, F. 1914. Locust birds.—*Agric. J. Un. S. Afr.*, Pretoria, 7 (5), pp. 682-683.
8249. THUNBERG, C.P. 1815. Acrydii descriptio.—*Nova Acta reg. Soc. Upsal.*, Upsaliae, 7, pp. 157-162.
8250. THUNBERG, C.P. 1827. Truxalis insecti genus illustratum.—*Nova Acta reg. Soc. Upsal.*, Upsaliae, 9, pp. 76-88.
8251. TOMASELLO, J.F. 1942. *Algunos aspectos de la lucha contra la langosta*. 10 pp., 6 pls.—Santa Fe (Rotary Club).
8252. TOMASELLO, J.F. 1946. La lucha contra la langosta *Schistocerca paranensis*.—*Conf. Int. Expertos en la lucha contra la Langosta*, Montevideo, pp. 184-189.
8253. TOMIC', M. 1907. *Schmeil's Description of the Animal species*. [In Serbian.]—552 pp. —Belgrade.
- . TOTTER, J.R. 1954.—See GAULDEN, M.E. and TOTTER, J.R. 1954.
8254. TOWNSEND, C.H.T. 1884. On the courtship of the sexes in *Oedipoda carolina*.—*Canad. Ent.*, London (Ont.), 16, pp. 167-168.
8255. TOWNSEND, C.H.T. 1891. Some notes on Acrididae in the vicinity of Constantine, Michigan.—*Proc. ent. Soc. Wash.*, Washington, 2, pp. 43-44.
8256. TOWNSEND, C.H.T. 1893. On the injurious and other locusts of New Mexico and Arizona.—*Insect Life*, Washington, 7, pp. 79-82.
8257. TRABUT, [L.] 1921. Un echo de la lutte contre les sauterelles en Crau.—*Bull. Agric. Algérie-Tunisie-Maroc*, Algiers, 27 (7), pp. 126-127.
8258. TREHERNE, R.C. 1921. The grasshopper and the range, —*Agric. J.*, Victoria, B.C., 6 (8), pp. 192-193 and 195.

8259. TRINCHIERI, G. 1944. Third contribution to the locust bibliography.—*Int. Bull. Plant Prot.*, Rome, **18** (3-12), pp. 28M-32M, 39M-48M, 54M-64M, 72M-80M, 92M-100M and **19** (3-6) [1945], pp. 22M-32M, 38M-48M, 100M-109M.
8260. TRUJILLO PELUFFO, A. 1935. Laboratorios e insectarios para el estudio biológico de la *Schistocerca paranensis* Burm.—*Conf. Int. Expertos en la Lucha Contra la Langosta*, Montevideo, **1934**, pp. 59-63.
8261. TRUJILLO PELUFFO, A. 1937. Insectos y otros parásitos de la agricultura y sus productos en el Uruguay.—*Univ. Fac. Agron.* Montevideo, 325 pp.
8262. TRUJILLO PELUFFO, A. 1946. La langosta en le Uruguay.—*Conf. Int. Expertos en la Lucha Contra la Langosta*, Montevideo, pp. 83-91.
8263. [TURKESTAN.] 1917a. *Instructions for combating locusts in Turkestan in 1917*. 11 pp.—Tashkent.
8264. [TURKESTAN.] 1917b. Anti-locust operations in 1917.—*Agric. Turkestan*, Tashkent, **12** (2), pp. 139-144.
8265. TURTON, W. 1800-1806. *A General System of Nature, through the Three Grand Kingdoms of Animals, Vegetables and Minerals, Systematically Divided into their Several Classes, Orders, Genera, Species and Varieties with their Habitations, Manners, Economy, Structure and Peculiarities. Translated from the Gmelin's last edition of the celebrated Systema Naturae, by Sir Charles Linné, amended and enlarged by the Improvements and Discoveries of Later Naturalists and Societies, with Appropriate Copperplates, in Seven Volumes.*—London. (Orthoptera, **1**, 1802.)
8266. TURTON, W. 1806. *A General System of Nature through the Three Grand Kingdoms of Animals, Vegetables and Minerals, Systematically Divided into their several Classes, Orders, Genera, Species and Varieties, with their Habitations, Manners, Economy, Structure and Peculiarities. By Sir Charles Linné. Translated from Gmelin, Fabricius, Willdenow, etc., together with various Modern Arrangements and Corrections derived from the Transactions of the Linnean and other Societies, as well as from the Classical Works of Shaw, Thornton, Abbot, Donovan, Sowerby, Latham, Dillwyn, Lewin, Martyn, Andrews, Lambert, etc., etc., with a Life of Linné, appropriate Copperplates, and a Dictionary, Explanatory of the Terms which occur in Several Departments of Natural History, in Seven Volumes.*—London (Orthoptera, **2**, pp. 523-570.)
8267. TUTT, J.W. 1902. *The Migration and Dispersal of Insects*. 132 pp.—London (E. Stock).
- . TUZET, O. 1928.—See GRASSÉ, P.P. and TUZET, O. 1928.

U

8268. [UNION OF SOVIET SOCIALIST REPUBLICS.] 1914a. The campaign against locusts. [In Russian.]—*Siberian Agric.*, Tomsk, No. 10, pp. 292-293.

8269. [UNION OF SOVIET SOCIALIST REPUBLICS.] 1914*b*. The campaign against locusts. [In Russian.]—*Orchard, Market, Garden & Bachza*, Astrakhan, No. 6, p. 409.
8270. [UNITED STATES OF AMERICA.] 1939. Summary for 1938.—*Insect Pest Surv. Bull., U.S. Dep. Agric. Bur. Ent.*, Washington, 18 (10), pp. 657-685.
8271. [UNITED STATES OF AMERICA.] 1940. Summary for 1939.—*Insect Pest Surv. Bull., U.S. Dep. Agric. Bur. Ent.*, Washington, 19 (10), pp. 627-650, 5 maps, multigraph.
8272. [UNITED STATES OF AMERICA.] 1941. Summary for 1940.—*Insect Pest Surv. Bull., U.S. Dep. Agric. Bur. Ent.*, Washington, 20 (10), pp. 559-591, 3 maps, multigraph.
8273. [UNITED STATES OF AMERICA.] 1950*a*. The eternal plague.—*Fm. Quart., Cincinnati*, 5, pp. 58-59 ; 91-92.
8274. [UNITED STATES OF AMERICA.] 1950*b*. Grasshopper control.—*Manitoba Dept. Agric. Immigr. Publ.*, Winnipeg, No. 229, 4 pp.
8275. [UNITED STATES OF AMERICA.] 1950*c*. Proposed range grasshopper research program.—*Montana Stockgrower*, Great Falls, 22 (10), pp. 28 ; 30 ; and 32-34.
8276. [UNITED STATES OF AMERICA.] 1950*d*. Tests of insecticides for grasshopper control 1948 and 1949.—*Publ. U.S. Dept. Agric. Bur. Ent. & Plant Quar.*, Washington, No. E-807.
8277. URBAHNS, T.D. 1917. Destroy the grasshopper.—*Mthly. Bull. Cal. State Commiss. Hortic.*, Sacramento, 6 (6), pp. 249-253.
8278. URBAHNS, T.D. 1919. Grasshopper and control measures.—*Mthly. Bull. Cal. State Dept. Agric.*, Sacramento, 8 (9), pp. 518-528.
8279. URBAHNS, T.D. 1920. Grasshopper control in the Pacific States.—*Farmers Bull. U.S. Dept. Agric.*, Washington, D.C., No. 1140, 16 pp.
8280. URICH, F.W. 1915*a*. Locusts and methods of destroying them.—*Bd. Agric. Trinidad & Tobago*, Port of Spain, No. 13, pp. 1-6.
8281. URICH, F.W. 1915*b*. Locusts or grasshoppers.—*Bull. Dept. Agric. Trinidad & Tobago*, Port of Spain, 14 (4), pp. 120-128, 1 map.
8282. URICH, F.W. 1915*c*. Notes on the South American Migratory Locust (*Schistocerca paranensis* Burm.)—*Bull. Dept. Agric., Trinidad & Tobago*, Port of Spain, 14 (6), pp. 194-197.
8283. URICH, F.W. 1916*a*. Notes on the South American Locust, *Schistocerca paranensis* Burm.—*Bull. Agric. Trinidad & Tobago*, Port of Spain, 15(1), pp. 15-16.
8284. URICH, F.W. 1916*b*. Notes on the South American Migratory Locust (*Schistocerca paranensis* Burm.)—*Bull. Dept. Agric., Trinidad & Tobago*, Port of Spain, 15 (5), pp. 172-173.
- URICH, F.W. 1922. —See NOWELL, W. and URICH, F.W. 1927.

8285. [URUGUAY, SOUTH AMERICA.] 1916. *Memoria de los trabajos realizados contra la langosta : Invasión del 1915-1916*. 444 pp., with maps & illust.—Montevideo (Déf, Agric. Rep. Oriental del Uruguay)
8286. [URUGUAY, SOUTH AMERICA.] 1919. *Memoria de los trabajos realizados contra la langosta : Invasión del 1917-1918*. 93 pp.—Montevideo (Déf. Agric. Minist. Indust.)
8287. [URUGUAY, SOUTH AMERICA.] 1920. La lucha contra la langosta : Convenio entre el Brasil y el Uruguay.—*Bol. Mens. Min. ind. Déf. Agric.*, Montevideo, 1 (7), pp. 59-60.
8288. [URUGUAY, SOUTH AMERICA.] 1924a. La langosta en el Uruguay.—*Bol. Mens. (Minist. Indust.) Déf. Agric.*, Montevideo, 5 (7-8), pp. 121-122, 1 map.
8289. [URUGUAY, SOUTH AMERICA.] 1924b. Los últimos informes sobre la invasión de la langosta.—*Bol. Mens. (Minist. Indust.) Déf. agric.*, Montevideo, 5 (11-12), pp. 163-165.
8290. UTIDA, S. 1954. "Phase" dimorphism observed in the laboratory population of the cowpea weevil, *Callosobruchus quadrimaculatus*. (In Japanese, with English summary.)—*Jap. J. appl. Zool.*, Tokyo, 18, pp. 161-168.
8291. UVAROV, B.P. 1913a. Poisoned baits in fighting locusts. [In Russian.]—*South Russian Agric. Gazette*, Charkov, 1913, 11 pp.
8292. UVAROV, B.P. 1913b. *Report of the Bureau of Entomology of Stavropol for the year 1912*. [In Russian.] 32 pp.—St. Petersburg (Publ. Cent. Bd. Land Adm. & Agric.).
8293. UVAROV, B.P. 1914. *Report of the Entomological Bureau of Stavropol for 1913*. [In Russian.] 86 pp., 1 plan, 1 map.—Petrograd (Publ. Cent. Bol. Land Adm. & Agric.).
8294. UVAROV, B.P. 1917. The attitude of entomologists to the new method of controlling locusts. [In Russian.]—*Agric. Turkestan*, Tashkent, 12 (6), pp. 343-348.

V

8295. VALLEJO, E.L. 1917. Instrucciones para combatir la plaga de langostas.—*Rev. Agric.*, Mexico, 1 (7), pp. 288-289.
8296. VÁSQUEZ LEDESMA, C.O. 1935. Sobre organización permanente y otras obligaciones legales.—*Conf. Int. Expertos en la Lucha Contra la Langosta*, Montevideo, 1934, pp. 85-89.
8297. VASSILIEW, I.V. 1914. Pests of cotton in Fergana, according to observations made in 1913. [In Russian.]—*Mem. Bur. Ent. Sci. Comm. Cent. Bol. Land. Adm. & Agric.*, St. Petersburg, 10 (10), 23 pp.
8298. VAYSSIÈRE, P. 1920. La lutte contre les sauterelles en Crau.—*Rev. d'Hist. Nat. Appl.*, Paris, 1 (12), pp. 337-341.
8299. VAYSSIÈRE, P. 1923. Les acridiens en France en 1921 et 1922.—*Ann. Épiphyties*, Paris, 9 (2), pp. 73-83.
8300. [VENEZUELA.] 1918. Contra la langosta.—*Rev. Inst. Agric. Catatan S. Isidro*, Barcelona, 67 (13), p. 23.

8301. VERMEIL, M. 1914. La lutte contre les sauterelles. Resultats des experiences de 1913.—*Bull. Bimens. Off. Govt. Alger, Paris*, 20 (2), p. 26.
- . VERNIA, R.L. 1950.—See RICCI, I. and VERNIA, R.L. 1950.
8302. VILLERS, C.J. DE. 1789. Caroli Linnaei entomologia, faunae suecicae descriptionibus aucta ; D.D. Scopoli, Geoffroy, De Geer, Fabricii, Schrank, etc., speciebus vel in systemate non enumeratis, vel nuperrimé detectis, vel speciebus Galliae australis locupletata, generum Specierumque rariorum iconibus ornata. 4 vols.—Lugduni. (Orthoptera, vol. 1.)
8303. VINOKUROV, G. M. 1937. The ploughing under of egg masses as a control of grasshoppers. (Preliminary contribution.) [In Russian.]—*Plant Prot., Leningrad*, No. 14, pp. 95-99.
8304. VOIGT, F. S. 1831-1843. Das Thierreich geordnet nach seiner Organisation als Grundlage der naturgeschichte der Thiere und Einleitung in die vergleichende Anatomie vom Baron von Cuvier. Nach der zweiten vermehrten Ausgabe übersetzt und durch zusatze erweitert. 6 vols.—Leipzig. (Orthoptera, 5, pp. 347-366, 1839.)
8305. VOSTRIKOV, P. 1914. An experiment on the application of sodium arsenite in the fight against *Locusta migratoria*. [In Russian.]—*Orchard, Market-Garden and Bachza, Astrakhan*, No. 8, pp. 518-519.
8306. VOSTRIKOV, P. 1916. Birds assisting man in the control of insect-pests and the important part played by rooks and starlings [In Russian.]—*Orchards, Market.-Garden and Bachza, Astrakhan*. Nos. 2-3, p. 13.

W

8307. WADE, J. S. 1951. A selected bibliography of the insects of the world associated with sugarcane, their predators and parasites.—*Mem. int. Soc. Sugar. Tech.*, 1, 113 pp.
8308. WAKELAND, C. 1950. Chlorinated hydrocarbons in baits for range grasshopper control.—*Proc. amer. Assoc. econ. Ent. North centr. States Br.*, 5, pp. 54-55.
8309. WALKER, E. M. 1897. Occurrence of *Schistocerca americana* (Drury) at Toronto.—*Canad. Ent., London (Ont.)*, 29, p. 89.
8310. WALKER, E. M. 1898a. A new grasshopper from Ontario.—*Canad. Ent., London (Ont.)*, 30, pp. 90-92.
8311. WALKER, E. M. 1898b. Notes on some Ontario Acridiidae. [I-II.]—*Canad. Ent., London (Ont.)*, 30, pp. 122-126.
8312. WALKER, E. M. 1898c. Notes on some Ontario Acridiidae, III. Oedipodinae.—*Canad. Ent., London (Ont.)*, 30, pp. 258-263.
- 8312a. WALKER, E. M. 1899. Notes on some Ontario Acridiidae III Oedipodinae (concl'd.)—*Canad. Ent., London (Ont.)*, 31, pp. 29-36.
8313. WALOFF, N. 1949-1950. Biology of the British shorthorned grasshoppers. [Abs.]—*Proc. R. ent. Soc. Lond., London, (C)*, 14, p. 34.

8314. WALSH, B. D. and RILEY, C. V. 1869. Parasites on "hateful grasshopper".—*Amer. Ent.*, St. Louis, **1**, p. 249.
8315. WALTON, W. R. 1916. Grasshopper control in relation to cereal and forage crops.—*Fmr. Bull.*, U. S. Dept. Agric., Washington, No. 747, 20 pp.
8316. WARD, I. J. 1945. Outbreak of *Melanoplus mexicanus* Sauss. Pp. 65-71. In : 39th Annual Report of the Department of Agriculture (British Columbia) for the year 1944, 176 pp., 1 pl.—Victoria, B. C.
8317. WARE, F. C. W. 1915. Locusts in Baluchistan.—*Agric. J. India*, Calcutta, **10** (2), pp. 159-166, 2 pls., 1 map.
8318. WEBER, H. 1954. *Grundriss der Insektenkunde*. xi+428 pp.—Stuttgart (G. Fischer).
8319. WEBSTER, F. M. 1899. A prolonged season of occurrence for *Schistocerca americana*.—*Canad. Ent.*, London (Ont.), **31**, p. 28.
8320. WEBSTER, F. M. 1915a. The grasshopper problem and alfalfa culture.—*Fmr. Bull. U.S. Dept. Agric.*, Washington, No. 637, 10 pp.
8321. WEBSTER, F. M. 1915b. Some developments in grasshopper control.—*J. econ. Ent.*, Concord, **8** (6), pp. 527-535.
8322. WEED, C. M. 1886. On the injurious locusts of central Illinois. In "*Misc. Ess. econ. Ent. Illinois*", pp. 48-56.—Springfield.
8323. WEED, C. M. 1887. On an outbreak of injurious locusts in central Illinois.—*Rept. Ent. Illinois*, Springfield, **15**, pp. 40-44.
8324. WEED, C. M. 1897. *Life Histories of American Insects*. 12+272 pp., 21 pls.—New York.
8325. WEIH, A. S. 1951. Untersuchungen über das Wechselsingen (*Anaphanie*) und über das angeborene Lautschema einiger Feldheuschrecken.—*Z. Tierpsychol.*, Berlin, **8**, pp. 1-41.
8326. WELLINGTON, J. S. 1938. Entomological work.—*Rep. Dep. Agric. S. Leone, 1937*, Freetown, pp. 43-44.
8327. [WESTERN AUSTRALIA.] 1954. Vermin. An Act [of Parliament of Western Australia] relating to Vermin Facing, and the control, Prevention and Eradication of Vermin, and for other purposes incidental thereto. 67 pp.—Perth (H.M.G.).
8328. WESTWOOD, J. O. 1837. *Illustrations of Exotic Entomology, containing upwards of six Hundred and Fifty Figures and Descriptions of Foreign Insects, interspersed with Remarks and Reflections on their Nature and Properties. A new edition, brought down to the Present State of the Sciences, with the Systematic Characters of each Species, Synonyms, Indexes, and other Additional Matter*. 3 vols. **1**, 26+123 pp., 1+50 pls. ; **2**, 6+100 pp., 50 pls. ; **3**, 6+94 pp., 50 pls.—London.
8329. WESTWOOD, J. O. 1839-1840. *An Introduction to the Modern Classification of Insects, founded on the Natural Habits and Corresponding Organizations of the Different Families*. 2 vols. —London. (Orthoptera, **1**, pp. 398-462, 1839.) }

8330. WHITE, M. J. D. 1950. Cytological polymorphism in wild populations of western grasshoppers (*Trimerotropis* spp.). [Abs.]—*Genetics*, Baltimore, Manasha, 35, p. 139.
8331. WHITEHOUSE, F. C. 1920. Entomological Report, 1919, of the Alberta Natural History Society.—*Ann. Rept. Dept. Agric. Prov. Alberta, 1919*, Edmonton, 1920, pp. 127-129.
8332. WHITMAN, A. *et al.* 1876. *The Grasshopper or Rocky Mountain Locust, and its Ravages in Minnesota. A Special Report to the Hon. C. K. Davis, Governor of Minnesota.* 50 pp.—Saint Paul.
8333. WILBUR, D. A., FRITZ, R. F., and PAINTER, R. H. 1942. Grasshopper problems associated with strip cropping in western Kansas.—*J. Amer. Sec. Agron.*, Geneva (N.Y.), 34 (1), pp. 16-29.
- . WILBUR, D. A., 1954.—See PAINTER, R. H., BRYSON, H. R. and WILBUR, D. A. 1954.
8334. WILCOX, E. V. 1895. Spermatogenesis of *Caloptenus femur rubrum* and *Cicada tibicen*.—*Bull. Mus. comp. Zool.*, Cambridge, 27, pp. 1-28, 5 pls.
8335. WILCOX, E. V. 1896. Further studies on the spermatogenesis of *Caloptenus femurrubrum*.—*Bull. Mus. comp. Zool.*, Cambridge, 29, pp. 193-203, 3 pls.
8336. WILLCOX, M. A. 1896. Anatomy of the grasshopper.—*Observer* Portland, 7, pp. 184-192.
8337. WILLE, J. E. 1934. Viaje de inspección a las zonas de Huanta (Ayacucho) infestadas por la langosta.—*Inf. Estac. agric. La Molina*, Lima, No. 25, pp. 21-28.
8338. WILLE, J. E. 1941. Tres informes de observaciones entomológicas en la costa en 1940.—*Inf. Estac. Agric. La Molina*, Lima, No. 53, p. 26
8339. WILLE, J. E. 1946. Experimentos combos nuevos insecticidas DDT, Gammexane ejecutados en la Estacion Experimental Agricola de la Molina hasta fines de Mayo de 1946.—*Bol. Estac. exp. agric. La Molina*, Lima, 29, 33 pp., 8 graphs.
8340. WILLE, J. E. 1952. *Entomologia Agricola del Peru*. (2nd revised edn.). VIII+544 pp., 222 figs. —Lima (Minist. Agric.).
- 8340a. WILLEMSE, C. 1948. Notes on the neotropical subfamily Pauliniinae (Coleopterninae) (Orthoptera, Acridoidea).—*Publ. Natuurh. Genootsch. Limburg, Maastricht*, 1, pp. 133-142.
8341. WILSON, C. C. 1939. Grasshopper surveys in California.—*Bull. Dep. Agric. Calif.*, Sacramento, 28 (2), pp. 170-173.
8342. WILSON, H. F. 1915. Grasshopper in Oregon. pp 133-136. *In* Second Biennial Crop Pest and Horticultural Report 1913-1914. —*Oregon. Agric. Expt. Sta.*, Corvallis, 288 pp., 11 pls.
8343. WILSON, T. 1915. The outbreak of locusts in 1914.—*Prcc. ent. Soc. British Columbia*, Victoria, 7, pp. 41-43.
8344. WOJEWODIN, A. W. 1950. Staubförmige präparate von Hexachlorcyclohexan zur Bekämpfung der Heuschrecke.—*Sowj. Landw. kunde.*, 8(3), pp. 89-92.

8345. WOLCOTT, G. N. 1951. The insects of Puerto Rico. Parts 1-4 (concl.).—*J. Agric. Univ. P.R.*, Rio Piedras, **32**, pp. 1-975.
- . Woo, F. C. 1947.—See LUH, P. W. and Woo, F. C.
8346. WOODWORTH, C. W. 1906. The wing veins of insects.—*Tech. Bull. Ent.*, **1**(1), pp. 63-110.
8347. WORDEN, W. L. 1950. Nightmare on the plains [grasshoppers] —*Saturday Evening Post*, London, **223** (10), p. 25 ; and 79-82.
8348. [WORLD METEOROLOGICAL ORGANIZATION.] 1953. *Final Report on the First Session of the Regional Association for Africa held at Tananarive (Madagascar), 19-30 January 1953*. 253 pp., mimeograph, 4 maps, 8 figs.—Tananarive (Service Météorologique de Madagascar).

X

NIL

Y

- . YAMASITA, Z. 1952.—See KATO, M., MATSUDA, T. and YAMASITA, Z. 1952.
8349. YATZENKOVSKII, E. V. 1913. Some details of the destruction of *Stauronotus maroccanus* in the Government of Stavropol. [In Russian].—*Rev. Russe. Ent.*, St. Petersburg, **13** (2), pp. 342-359.
8350. YATZENTKOVSKII, E. V. 1915. On the question of changing the technique of the control of locusts. [In Russian].—*Agric. Gazette*, Petrograd, No. 28, pp. 789-791 and 819-821.

Z

8351. ZAKHAROV, L. Z. 1952. *Pests of woods, shelter-belts and forest plantations, and methods of their control*. [In Russian.] 72 pp., 25 figs.—Saratov.
8352. ZUNINO, H. A. 1946a. Procedimiento biológico para la lucha contra la langosta.—*Conf. Int. Expertos en la lucha contra la Langosta*, Montevideo, **1946**, pp. 108-110.
8353. ZUNINO, H. A. 1946b. Empleo de cebos tóxicos.—*Conf. Int. Expertos en la Lucha contra la Langosta*, Montevideo, **1946**, pp. 111-113.

2. AUTHOR INDEX (3RD SUPPLEMENT)

Note.—Author names listed in the earlier parts are marked with an asterisk(*).

A	PAGE	B— <i>contd.</i>	PAGE
ABRAHAMSON, P.E.R.	201	BELIKOV, V.V.	208
*ADAMOVIC', Z.R.	201	*BENEDETTI, E.	208
ADELUNG, N. VON.	201	*BENLLOCH, M.	208
ADRIANOV, A.P.	201	*BEREZHKOV, R.P.	208
*[AFRICA.]	201	*BEREZHKOVA, A.A.	208
*AHMAD, T.	201, 236	*BERG, C.	208
*ALFARO, A.	202	*BERG, V.L.	208, 236, 252
ALKAN, B.	202	BERNÉS, J.	208
ALLARD, H.A.	202	BERTONI, G.T.	208
ALLEN, T.C.	202, 214, 218, 221, 241	BESSEY, C.E.	208
ALVES, J.	202, 220, 241, 256	*BETHUNE, C.J.S.	208
*ANDREWARTHA, H.G.	202	BEUTENMÜLLER, W.	209
*[ANONYMOUS.]	202, 206	BIEZANKO, C.M.	209
ARANA, O.	206	BIGI, F.	209
*[ARGENTINA.]	206	BILLBERG, G.J.	209
ARMS, J.M.	206, 233	*BINDRA, O.S.	209, 254
*ASHMEAD, W.H.	206	BIOLLEY, P.	209
*AUDOUIN, J.V.	206, 212	*BIRCH, L.C.	209, 209
*[AUSTRALIA.]	206	BJEGOVIC, P.	209, 265
AYARS, J.S.	206	BLACK, D.J.G.	209, 225, 235, 252
AYRES, H.B.	206	BLAIR, W.F.	209
B		*BLANCHARD, E.E.	209
BAERG, W.G.	206, 234	*BLATCHLEY, W.S.	209, 210
*BALL, E. D.	207	*BLUNT, D.-L.	210
BALLOU, H.A.	207	BODENHEIMER F. S.	210
*BARANOV N.I.	207	*BODKIN, G. E.	210
BARNEDA, J.J.	207	BOERGER, A.	210
*BARRAUD, M.	207	BOLIVARY RRUTIA, I.	210
BASSO STAJANO, C.	207, 222	BGRDAS, L.	210
BATES, M.	207	BORODIN, D.N.	210, 211
BATHIASHVILI, I.D.	207	BOTHELO GOSALVEZ, R.	211
*BEAMINT, J.W.L.	207	BRANDT, H.	211
*[BECHUANALAND, AFRICA.]	207	BRAUN, E.	211, 226, 235, 243
*BÉGUET, M.	207	*BRÉDO, H.J.	211
*BEHURA, B.K.	207, 262	BRENTZEL, W.E.	211, 248
*BEI BIENKO, G. Ya.	207	*BRETT, C.H.	211
*BEINGOLEA, O.G.	207	[BRITISH COLUMBIA.]	211, 221
BEKUZIN, A.A.	208	[BRITISH GUIANA.]	211
[BELGIAN CONGO.]	208	BRONGNIART, C.J.E.	211
[BELGIAN DELEGATION.]	208	*BROWN, A.W.A.	211
		BROWN (JR.), W.L.	211

B—concl'd.	PAGE	C—cont'd.	PAGE
BROWNÉ, P.	212	CODERQUE, F.	218, 224
BRUCH, A.C.	212, 238	COLE, E.	202, 218, 221
*BRULIÉ, A.	206, 212	COMSTOCK, A.B.	218
*BRUNER, L.	212, 214	*COMSTOCK, J.H.	218, 248, 263
BRUNN, L.K.	202, 214, 233	*CONNIN, R.V.	218, 238
BRUNNER, L.	214	COOK, A.J.	218
*BRUZZONE R.M.	214, 215	COOK, W.C.	218
*BRYANT, H.C.	215	*COOLEY, R.A.	218, 219, 251, 261
BRYSON, H.R.	215, 251, 273	COQUILLET, D.W.	219
BRZHEZITZKI, P.	215	*CORKINS, C.L.	219
*BUCKELL, E.R.	215	*CORKINS, J.P.	219
BUDASOFF, N.	215	COSTA, J.J.	219, 239, 259
*BUDDENBROCK, W. VON.	215	COSTA LIMA, A. DA.	219
*BURGESS, L.E.	215, 245	COWLEY-BROWN, P. C.	215, 219
BURKHILL, I.H.	215, 219	CRAIGHEAD, F.C.	219
C		CRIDDLE, M.	219
CALDERÓN, S.	215	*CRIDDLE, N.	219
CALDWELL, N.E.H.	215	D	
CALLENBACH, J.A.	215, 246, 256	DA M. RIBEIRO (JR.)	220, 241, 256
*CALLOT, J.	216	*DAGER RE, J.B.	220
[CANADA.]	216	DALE, W.T.	220
*CARBONELL, C.S.	216	DALMAN, J.W.	220
CARLE, G.	216	D'ARAÚJO E SILVA, A. G.	202, 220, 241, 256
*CARLSON, J.G.	216	DARLING, H.S.	220
*CARPENTER, G.H.	216	*DAVATCHI, A.	220
CARPENTER, J.R.	216	DAVENPORT, C.B.	220
CASILDO, BOY.	216	*DAVIES, D.E.	220, 228, 233
CASTRO, E.R.	216	DAVIS, W.T.	220
CATANEI, A.	216	*DAWSON, G.M.	220
CATESBY, M.	216	*DAY, M.F.	220
CAUDELL ANDREW, N.	216	*DEAN, G.A.	220, 225, 236
CAULFIELD, F. B.	216	*DEAN, H.A.	220, 225
CAVALCANTI M.P.	217	DECARY, R.	221
CELEGHINI, F.	217	*DECKER, G.C.	221
*CHABOUSSOU, F.	217	DE. GEER, K.—See GEER, K.DE.	221, 225
*CHAUVIN, R.	217	DEKHTIAREV, N.S.	221
CHEO, MING-TSANG	217	DEL VALLE, R.G.	221
CHETUIRKINA, I. A.	217	DENIER, P.C.L.	221
*CHETYRKINA, I. A.	217	DE ONG, E.R.	221
CHEYSSIAL, M. A.	217	[DEPARTMENT OF AGRICULTURE, BRITISH COLUMBIA.]	221
CHIAROMONTE, A.	217	DEXHEIMER, F.J.	202, 218, 221
CHILABERT, J. B.	217	*DICK, J.	221
*[CHINA.]	217	DIETZ, R.A.	221
*CHORLFY, J.K.	217	*DIRSH, V.M.	221
[C.I.P.A.]	217	*DOBROMUISLOV, D.	221, 238
*CLAASSEN, P.W.	218, 233		

D—contd.	PAGE	F—contd.	PAGE
*DODGE, G.M.	221	FROGGATT, W.W.	225
DODONOV, B.A.	222	FULLER, C.	225
DOMENICHINI, G.	222	*FUSCHINI, C.	225
DRENOWSKI, A.K.	222		
DRURY, D.	222	G	
DRYENOVSKI, A. K.	222	*GAINES, J.C.	220, 225, 243
DUNCAN, J.	222	GARCIA SOLORZANA, A.	225
DUTTA, D.K.	222, 236	*GARMAN, H.	225
		*GAULDEN, M.E.	225, 267
E		GEER, K. DE.	221, 225
EBELING, W.	222	GETTY, J.	209, 225, 235, 252
EGO-AGUIRRE, A.	222	*GIBSON, A.	226
*ELLIS, P.E.	222	GIBSON, D.R.	226, 235, 243
ENDREDUY, S.R.	222	*GIGLIO-TOS, E.	226
ESCALANTE ROSSI, R.	207, 222	GIL, M.	226
EVANS, POLE, J.B.	222	*GILBERT, H.A.	226, 267
*EVESTROPOF, E.	223	GIMENEZ, A.J.B.	226
		*GIRARD, M.	226
F		GMELIN, J.F.	226
FABRICIUS, J.C.	223	GOETCSH, W.	226
*FAURE, J.C.	223	GOEZE, J.A.E.	226
*FELT, E.P.	223	GOMEX, M.P.	226
FELTON, S.	223	GONZALEZ, B.	227
*FENTON, F.A.	223	GOODERHAM, C.B.	227
FERNALD, C.H.	223	*GOSS, R.W.	227
FERNALD, H.T.	223	GOSSARD, H.A.	227, 250
*FERNANDEZ, F. J.	224	GOUGH, H.C.	227
FERREIRA GUERRERO, R.	224	*GRABER, V.	227
*FERREIRA LIMA, A.D.	224	*GRADOJEVIC, M.	227
FIELITZ, F.	224	*GRANOVSKY, A.A.	224, 227, 251
*FILATOV, K.N.	224	*GRASSÉ, P.P.	227, 268
*FISCHER, G.	224	GRATCHEV, A.	227
FISCHER VON WALDHEIM, G.	224	GRATCHOV, A.V.	227
FITZGERALD, L.R.	224	*GRAYSON, J.M.	227
*FLETCHER, J.	224	*[GREAT BRITAIN.]	227
*FLETCHER, T.B.	224	GREBENSCIKOV, O.	227, 228
*FLINT, W.P.	224	GRESTAECKER, C.E.A.	228
FLORES, J.L.	218, 224	*GRIFFITHS (JR.), J.T.	228, 267
FLUKE, C.L.	224, 227, 251	GROFF, C.G.	228
FORBES, S.A.	224, 225	*GUEDES, G.	228
*FORD, A.L.	220, 225, 236, 239	GUERIN-MENEVILLE, F.E.	228
*FRAPPA, C.	225	GUICE, O.T.	228
FREEMAN, W.G.	225	GUILD, A.S.	228
*FRITZ, R.F.	225, 251, 273	GUNDLACH, J.	228
		*GUNN, D.L.	220, 228, 233, 236

G—contd.	PAGE		PAGE
GUPTA, P.D.	228	J	
*GYRISCO, G.G.	228, 244	*JAB LONOWSKI, J.	234
H		JACHIMOVICH, L.A.	234
HAGIWARA, S.	228	*JACK, R. W.	234
HALDEMAN, S.S.	229	JAEGER, B.	235
*HAMBLETON, E.J.	229	JAKOVLEV, L. N.	235
*HANCOCK, J.L.	229	JAMESON, H. R.	209, 225, 235, 252
HANN, W. DE.	229	JAMIESON, C. A.	211, 226, 235, 243
HANSEN, H.J.	229	*JANNONE, G.	235
HARDAS, M.G.	229, 248	*JATZENTKOVSKY, E. V.	235, 274
*HARMSTON, F.C.	229, 237	JAYAKAR, A. S. G.	235
*HAROON KHAN, M. See KHAN, M. HAROON.	229, 236	JEFFS, H. B.	235
HARRIS, T. W.	229, 230	*JENKINS, C. F. H.	235
*HARRIS, W. V.	230	JOHNSTONE, H. F.	235, 236, 257
HAYWARD, K. J.	230	JOLLY, D. W.	235
HEBARD, M.	230, 231	JONES, B. M.	235
HECKE, G. H.	231	JONES, C. R.	235
HEER, O.	231	JONES, J. M.	235
HEINZE, K.	231		
*HENDERSON, W. W.	232	K	
HENSEN, V.	232	KAUMBACH, E. R.	236
HENSHAW, S.	232	KAPUR, A. P.	222, 236
HESSE, A. J.	232	*KATO, M.	236, 245, 274
HIBRAOUI, H.	232	*KEARNS, C. W.	235, 236, 257, 266
*HOGAN, T. W.	232	*KELLOGG, V. L.	236
*HOLMAN-HUNT, C. B.	232	KELLY, E. G.	220, 225, 236
*HORNER, W. H.	232	*KENNEDY, J. S.	228, 236
HOUSER, J. S.	232	[KENYA.]	236
*HOWARD, L. O.	232	*KEVAN, D. K. McE.	236
*HUBBELL, T. H.	209, 232	*KEY, K. H. L.	236
HUNT, T. F.	233	*KHAN, M. HAROON	236
*HUNTER, S. J.	218, 233, 266	*KHAN, M. S.	201, 236
HUNTER, W. D.	233	KING, K. M.	208, 236, 237, 252
*HUNTER-JONES, P.	220, 228, 233	*KIRBY, W.	237, 265
HUTCHINS, R. E.	233, 243	KIRBY, W. F.	237
HYATT, A.	206, 233	KIR'YANOVA, E. S.	237
I		*KLEMM, M.	237
IKAWA, M.	202, 214, 233, 241	*KNOWLTON, G. F.	229, 237, 264
*IMMÉ, A. D.	233	*KOBAKHIDZE, D. N.	237
*]INDIA.]	233	*KÖHLER, P.	237, 238
*INTERNATIONAL.]	233, 234	KOKINA, E.	221, 238
*[INTERNATIONAL CONVENTION.]	234	KOLOSOV, YU.	238
[IRAN.]	234	*KOZHANCHIKOV, I. V.	238
*ISELV, D.	206, 234	KRASNYANSKI, A. I.	238

K—contd.	PAGE	PAGE
*KUITERT, L. C.	218, 238	
KURDJUMOV, N. V.	238	
KUZIN, B. S.	238	
L		
LACROIX, D. S.	238, 247	
*LAFON, M.	238	
LA GRECA, M.	238	
*LAHILLE, F.	238	
LAINES, M.	238	
*LAL, K. B.	238	
LAMARCK, J. B. P. A. DE. M. DE	238, 239	
LAMDAM, S.	219, 239, 259	
*LAPAZARÁN, J. C.	239	
*LARRIMER, W. H.	225, 239	
LASAROFF, A. W.	239	
LATASTE, F.	239	
*LATREILLE, P. A.	239, 240	
*LEA, A.	240	
LEACH, W. E.	240	
LE BARON, W.	240	
*LE BERRE, J. R.	240	
LE PELLEY, R.	240	
*LEWIN, C. J.	240	
*L'HÉRITIER, A.	240, 262	
*LIBONATI, V. J.	240	
*LIEBERMANN, J.	240, 241	
LIMA, A. D. F.	202, 220, 241, 256	
LINK, K. P.	202, 214, 233 241	
*LINNAEUS, CARL V. C.	241, 242	
*LINNÉ, C. VON.	241, 242	
LINTER, J. A.	242	
LISTER, C. A.	242	
LIZER, C.	242	
LIZER Y TRELLES, C. A.	242	
LOCKWOOD, S.	242	
LOGOTHETIS, C.	242	
LOPÉZ, A.	242	
LOTTERMOSER, W.	242	
LOWNE, B. T.	243	
LU, C. C.	243	
LUGGER, O.	243	
LUH, P. W.	243, 274	
LUNAU, C.	243	
LYLE, C.	228, 233, 243	
M		
*MACKIE, D. B.	243	
MACKIE, J. R.	243	
MACLEOD, D. M.	243	
MACVICAR, R. M.	211, 226, 235, 243	
MAGEE, W. J.	225, 243	
*[MALAYA.]	244	
*MALDONADO BRUZZONE, R.	244	
*MALENOTTI, E.	244	
MANCHERON, P.	244	
*MARCHIONATTO, J. B.	244, 254	
MARCO MOLL, H.	244	
MARINI, T. L.	244	
MARLATT, C. L.	244	
MARRAS, F. M.	244	
*MARSHALL, D. S.	228, 244	
MARTEN, J.	244	
MARTIN, E. M.	244	
MATSUDA, T.	236, 245, 274	
MAZAEV, L. D.	245	
M'CLUNG, G. I.	245	
*MCNEIL, E. H.	215, 245, 258	
MCNEILL, J.	245	
*MEGALOV, V. A.	245	
*MELIS, A.	245	
*MENDIZABAL, M.	245, 246	
MERRILL, D. E.	245	
MICHEL BACHER, A. E.	245, 264	
MIERS COX, N.	246	
*MILLIKEN, F. B.	246	
*MILLS, H. B.	215, 246, 256	
MINOT, C. S.	246, 251	
MISHCHENKO, L. L.	246	
*MISTSHENKO, L.	246	
*MITCHENER, A. V.	246	
MOFFAT, J. A.	246	
*MORALES AGACINO, E.	245, 246	
MOREIRA, C.	246	
*MORENO MÁRQUEZ, V.	246, 247	
MORETON, B. D.	247	
MORITZ, L.	247	
*[MOROCCO.]	247	
*MORRILL, A. W.	238, 247	
*MORRIS, H. M.	247	
*MORSE, A. P.	247, 248	
MOSSERI, V. M.	248	
*MUKERJI, S.	229, 248	

M—contd.	PAGE	P—contd.	PAGE
MÜLLER, P. L. S.	248	PHILLIPS, J. B.	252
MÜNGOMERY, R. W.	248	PICKARD, B. C.	. . 252
*MÜNRO, J. A.	248, 266	PIERS, H.	. . 252
N		PIRIE, H.	209, 225, 235, 252
*NAGY, B.	248	*PLOTNIKOV, V. I.	. 252, 253
NASUROV, K. S.	248	POLOZHENTSEV, P. A.	253
NAVARRO, L.	248	PONIATOVSKY, S.	. 253
NEEDHAM, J. G.	218, 248	POPENOE, E. A.	253
NEETHLING, J. B.	249	POPHAM, W. L.	253, 256
NEWMAN, L. H.	249	PORTER, C. E.	253
*NIKOLSKII V. V.	. 249	PORTILLO, G. A.	253
NODDER, R. P.	249, 263	PORTSCHINSKY, J.	254
NORRIS, F. DE LA MART	249	*PRADHAN, S.	. 209, 254
NORTON, L. B.	249, 255, 266	*PRATT, H. C.	254, 264
NOVAK, V. J. A.	249	*PREDECHENSKII, S. A.	254
NOVITSKII, V. YA.	249	*PRUTHI, H. S.	. . 254
NOWELL, W.	249, 269	PUNGUR, J.	. . . 254
NOWICKI, S.	249	*PUTNAM, L. G.	. 254
O		PYLN OV, E.	. . . 254
*OGLOBLIN, A.	240, 250	PYNE, C. K.	. 254, 255
*O'KANE, W. C.	250	Q	
OKEN [OCKENFUSS], L.	250	Nil	
OLALQUIAGA FAURA, G.	250	R	
*OMURA, T.	250	RABELER, W.	. 255
GSEORN, H.	227, 250	RAEVSKIL, V.	255
*OTANES, F. Q.	. . . 250	*RAFES, P. M.	. . 255
P		RAMIREZ, R.	255
PACKARD, A. S.	246, 250, 251	RANJIFO, O.	255
PAINTER, H. R.	224, 227, 251	RATHVON, S. S.	255
*PAINTER, R. H.	215, 225, 251, 273	RAWLINS, W. A.	249, 255, 266
PAIROA, E. H.	. . 251	*RAY-CHAUDRI, S. P.	. 254, 255
[PAKISTAN.]	251	REDTENBACKER, J.	255
PALISOT DE BEAUVOIS, A. M. F. J.	251	*REED, E. C.	255
PALLAS, P. S.	. . 251	REED (JR.), H. M.	255
*PANZER, G. W. F.	. 251	*REHN, J. A. G.	255, 256
*PARIS, P.	251	*REHN, J. W. H.	256
PARKER, J. R.	219, 251, 252, 258, 261	REINHARDT, J. F.	215, 246, 256
PARSONS, F. W.	. . 252	REINIGER, C. H.	202, 220, 241, 256
*PASQUIER, R.	. . . 252	RETHLY, A.	256
*PAUL, L. C.	208, 236, 237, 252	REYNOLDS, D.	253, 256
PEIRCE, J. D.	. 252	[RHODESIA, SOUTHERN].	256
PERTY, J. A. M.	252	*[RHODESIA, SOUTH AFRICA].	256
		RICCI, I.	. 256, 271

R—contd.	PAGE	S—contd.	PAGE
RICE, R. I.	235, 236, 257	*SEVASTYANOV, I.	262
*RILEY, C. V.	257, 272	*SEVERIN, H. C.	262, 263
*RITCHIE, A. H.	257	SHAW, G.	249, 263
*ROBBIE, W. A.	257	SHERWOOD, A. H.	263
*ROCKWOOD, L. P.	257	*SHIRAKI, T.	263
RODENDORF, B. B.	258	*SHOTWELL, R. L.	263
RODRICUEZ, L.	258	*SHTAKEL' BERG, A. A.	263
RODRIGUEZ, T.	258	SHTCHEGOLEV, I. M.	263
*ROLFE, D. T.	215, 245, 258	SHUFELDT, R. W.	263
RONEY, J. N.	258	*SHUTTS, J. H.	263
RORER, J. B.	258	SHVANVICH, B. N.	263
ROSBACO, U. F.	258	SILVEIRA GUIDO, A.	263
ROSSI, E. R.	258, 265	*SKALOV, YU. YU.	263
*ROUBAUD, E.	258	SLADE, R.	263
ROVIROSA, E.	258	SLINGERLAND, M. V.	218, 263
RUBY, J.	258	*SMEE, C.	263, 264
*RUFFINELLI, A.	216, 258	SMITH, G. L.	245, 264
*RUGGLES, A. G.	251, 258	SMITH, J. B.	264
		SMITH, J. H.	264
		*SMITH, R. C.	264
		SMITH, R. F.	245, 264
		SNAPP, O. I.	264
S		*SNODGRASS, R. E.	264
*SACHAROV, N. L.	258, 259	*SORENSEN, C. J.	237, 264
*SÁEZ, F. A.	259	*SOTO, J. G. DE.	264
*SAKHAROV, N. L.	259	*[SOUTH AFRICA.]	264
SANTA MARIA, H. C.	259	SOUTH, F. W.	254, 264, 265
*SANTORO DE CROUZEL, I.	259	*[SPAIN.]	265
*SAUSSURE, H. DE.	259	*SPAWN, G. B.	265
SAY, T.	259, 260	*SPENCE, W.	237, 265
*SCHANG, P. J.	250	*SPENCER, G. J.	265
SCHERBINOVSKII, N. S.	260	*SRIVASTAVA, A. S.	265
*SCHIUMA, R.	260	STAJANO, C. B.	258, 265
*SCHOLL, E. E.	260	*STÅL, C.	265
SCHWANWITSCH, B. S.	260	STANKOVIC, A.	209, 265
*SCUDDER, S. H.	260, 261	*STEINHAUS, E. A.	265
SEAMANS, H. L.	219, 251, 261	*STERNBURG, J.	236, 266
SECURA, J. C.	262	STOLL, O.	266
*SEIXAS, C. A.	262	STRANDTMANN, R. W.	266
SEMENOV, A. E.	262	STRONG, L. A.	266
SEMPERS, F. W.	262	STUARDO, O.	266
*SENGUPTA, G. C.	207, 262	*[SUDAN GOVERNMENT.]	266
SERAVALLI, F.	262	SUDEIKIN, G. S.	266
SERBINOV, I. L.	262	SUIZER, J. H.	266
*SERGENT, E.	240, 262	SUN, YUN-PEI	249, 255, 266
SERVILLE, J. G. A.	262	SUNDBERG, R.	266
SEVASTIANOV, I.	262	*SUTTON, W. S.	233, 266
SEVASTOPULO, D. G.	262		

	PAGE		PAGE
T		W	
T. S.	266	WADE, J. S.	271
*TARBINSKI, S. P.	266	*WAKELAND, C.	271
TELFORD, H. S.	248, 266	*WALKER, E. M.	271
*THOMAS, C.	266, 267	*WALOFF, N.	271
THOMPSON, R. W.	226, 267	*WALSH, B. D.	257, 272
*THOMPSON, W. L.	228, 267	*WALTON, W. R.	272
THOMSEN, F.	267	*WARD, I. J.	272
THUNBERG, C. P.	267	*WARE, F. C. W.	272
*TOMASELLO, J. F.	267	*WEBER, H.	272
TOMIC, M.	267	WEBSTER, F. M.	272
TOTTER, J. R.	225, 267	WEED, C. M.	272
*TOWNSEND, C. H. T.	267	WEIH, A. S.	272
*TRABUT, L.	267	WELLINGTON, J. S.	272
*TREHERNE, R. C.	267	*[WESTERN AUSTRALIA.]	272
*TRINCHIERI, G.	268	WESTWOOD, J. O.	272
*TRUJILLO PELUFFO, A.	268	*WHITE, M. J. D.	273
*[TURKESTAN.]	268	WHITEHOUSE, F. C.	273
TURTON, W.	268	*WHITMAN, A.	273
TUTT, J. W.	268	*WILBUR, D. A.	215, 225, 251, 273
*TUZET, O.	227, 268	WILCOX, E. V.	273
U		*WILLE, J. E.	273
*[UNION OF SOVIET SOCIALIST REPUBLICS.]	268, 269	*WILLEMSE, C.	273
*[UNITED STATES OF AMERICA.]	269	*WILSON, C. C.	273
URBAHNS, T. D.	269	*WILSON, H. F.	273
URICH, F. W.	249, 269	WILSON, T.	273
*[URUGUAY, SOUTH AMERICA.]	270	WOJEWODIN A. W.	273
UTIDA, S.	270	WOCOTT, G. N.	274
*UVAROV, B. P.	270	*Woo, F. C.	243, 274
V		WOODWORTH, C. W.	274
VALLEJO, E. L.	270	WORDEN, W. L.	274
VASQUEZ LEDESMA, C. O.	270	[WORLD METEOROLOGICAL ORGANIZATION.]	274
*VASSILIEW, I. V.	270	X	
*VAYSSIÈRE, P.	270	Nil.	
[VENEZUELA.]	270	Y	
VERMEIL, M.	271	YAMASITA, Z.	236, 245, 274
VERNIA, R. L.	256, 271	*YATZENKOVSKII, E. V.	274
VILLERS, C. J. DE.	271	Z	
*VINOKUROV, G. M.	271	*ZAKHAROV, L. Z.	274
VOIGT, F. S.	271	ZUNINO, H. A.	274
VOSTRIKOV, P.	271		

3. SUBJECT INDEX (3RD SUPPLEMENT)

1. GENERAL

(Including historical records, bibliographies, text-books, techniques etc.)

7249, 7254, 7255, 7256, 7260, 7261, 7262, 7264, 7271, 7273, 7274, 7277, 7282,
 7286, 7290, 7296, 7300, 7306, 7310, 7311, 7312, 7317, 7319, 7323, 7324, 7326, 7339,
 7342, 7344, 7345, 7370, 7382, 7387, 7396, 7398, 7403, 7404, 7406, 7409, 7410, 7414,
 7417, 7422, 7423, 7424, 7426, 7457, 7464, 7465, 7478, 7479, 7488, 7490, 7493, 7494,
 7506, 7508, 7510, 7511, 7512, 7513, 7515, 7516, 7517, 7518, 7519, 7547, 7556, 7575,
 7578, 7579, 7582, 7585, 7586, 7587, 7588, 7589, 7590, 7597, 7604, 7608, 7610, 7612,
 7613, 7625, 7626, 7633, 7634, 7635, 7636, 7637, 7639, 7643, 7644, 7645, 7647, 7650,
 7651, 7653, 7660, 7665, 7670, 7677, 7679, 7680, 7681, 7682, 7711, 7719, 7727, 7733,
 7738, 7744, 7746, 7747, 7748, 7749, 7750, 7761, 7762, 7765, 7766, 7768, 7772, 7773,
 7774, 7777, 7778, 7780, 7787, 7788, 7789, 7797, 7799, 7813, 7816, 7823, 7824, 7825,
 7826, 7827, 7828, 7829, 7831, 7832, 7837, 7857, 7858, 7859, 7860, 7861, 7862, 7865,
 7866, 7879, 7884, 7903, 7910, 7931, 7935, 7957, 7964, 7969, 7971, 7983, 7993, 7994,
 7998, 7999, 8004, 8005, 8006, 8007, 8008, 8009, 8016, 8017, 8020, 8022, 8025, 8028,
 8037, 8038, 8040, 8041, 8042, 8043, 8047, 8060, 8061, 8065, 8085, 8086, 8087, 8088,
 8095, 8109, 8116, 8120, 8121, 8124, 8126, 8127, 8129, 8131, 8132, 8137, 8138, 8139,
 8140, 8147, 8162, 8163, 8164, 8166, 8167, 8173, 8180, 8183, 8192, 8197, 8198, 8199,
 8203, 8208, 8220, 8229, 8234, 8235, 8236, 8238, 8245, 8247, 8251, 8253, 8259, 8263,
 8265, 8266, 8267, 8275, 8276, 8285, 8286, 8292, 8293, 8294, 8295, 8296, 8301, 8302,
 8303, 8304, 8305, 8307, 8318, 8324, 8327, 8328, 8329, 8332, 8339, 8340, 8347, 8348,
 8350, 8351.

2. REPORTS, COMMISSIONS, CONFERENCES, ETC.

7270, 7281, 7283, 7286, 7292, 7295, 7306, 7307, 7308, 7310, 7311, 7315, 7316,
 7319, 7324, 7327, 7328, 7329, 7331, 7332, 7334, 7337, 7341, 7363, 7364, 7372, 7397,
 7404, 7411, 7413, 7414, 7436, 7437, 7438, 7439, 7441, 7442, 7443, 7444, 7446, 7452,
 7453, 7459, 7460, 7463, 7468, 7469, 7470, 7484, 7508, 7512, 7515, 7516, 7525, 7526,
 7527, 7529, 7531, 7543, 7545, 7548, 7562, 7564, 7565, 7566, 7567, 7568, 7582, 7599,
 7600, 7603, 7604, 7608, 7612, 7613, 7616, 7622, 7625, 7632, 7638, 7672, 7683, 7684,
 7718, 7728, 7748, 7749, 7756, 7757, 7758, 7759, 7760, 7780, 7798, 7799, 7801, 7833,
 7836, 7863, 7866, 7867, 7868, 7879, 7884, 7893, 7894, 7896, 7898, 7901, 7902, 7922,
 7938, 7941, 7942, 7943, 7944, 7945, 7958, 7972, 7979, 7980, 7987, 7989, 7990, 8036,
 8048, 8049, 8086, 8088, 8098, 8163, 8185, 8193, 8194, 8195, 8196, 8200, 8201, 8209,
 8210, 8211, 8212, 8213, 8232, 8234, 8238, 8245, 8285, 8286, 8292, 8293, 8296, 8316,
 8331, 8332, 8342, 8348.

3. MORPHOLOGY

(Including histology and cytology)

7251, 7260, 7389, 7390, 7392, 7394, 7407, 7412, 7422, 7427, 7448, 7454, 7480,
 7488, 7493, 7517, 7518, 7519, 7520, 7550, 7571, 7578, 7579, 7585, 7586, 7587, 7588,
 7589, 7590, 7633, 7634, 7635, 7636, 7637, 7644, 7667, 7669, 7673, 7675, 7676, 7685,
 7686, 7687, 7688, 7689, 7690, 7691, 7692, 7693, 7694, 7695, 7696, 7697, 7698, 7699,
 7700, 7701, 7702, 7703, 7704, 7705, 7706, 7707, 7708, 7709, 7727, 7731, 7738, 7744,
 7764, 7778, 7781, 7782, 7783, 7788, 7789, 7816, 7823, 7824, 7825, 7826, 7827, 7828,
 7829, 7846, 7848, 7849, 7850, 7852, 7855, 7856, 7857, 7858, 7859, 7860, 7861, 7862,
 7873, 7874, 7875, 7876, 7923, 7935, 7946, 7947, 7948, 7950, 7951, 7952, 7954, 7956,
 7957, 7962, 7975, 7985, 7988, 7994, 7997, 7998, 7999, 8000, 8007, 8008, 8009, 8023,
 8046, 8050, 8051, 8054, 8056, 8064, 8068, 8069, 8070, 8071, 8072, 8073, 8074, 8075,
 8076, 8077, 8078, 8079, 8097, 8119, 8120, 8121, 8123, 8124, 8125, 8126, 8127, 8132,
 8133, 8135, 8136, 8141, 8142, 8143, 8144, 8145, 8146, 8147, 8148, 8149, 8150, 8151,
 8152, 8153, 8154, 8155, 8156, 8157, 8158, 8159, 8160, 8161, 8162, 8204, 8226, 8230,
 8240, 8242, 8243, 8244, 8246, 8247, 8249, 8250, 8253, 8255, 8265, 8266, 8302, 8310,
 8311, 8312, 8318, 8324, 8328, 8329, 8330, 8334, 8335, 8336, 8340, 8346.

4. DEVELOPMENT

(Embryonic and postembryonic)

7369, 7480, 7487, 7488, 7517, 7518, 7591, 7607, 7664, 7667, 7727, 7738, 7744, 7754, 7770, 7778, 7779, 7788, 7789, 7921, 7956, 7959, 7975, 7994, 7995, 7998, 7999, 8000, 8013, 8046, 8108, 8121, 8126, 8127, 8132, 8142, 8187, 8204, 8265, 8266, 8318, 8324.

5. PHYSIOLOGY

(Including biochemistry)

7251, 7256, 7260, 7261, 7262, 7263, 7272, 7274, 7294, 7330, 7342, 7350, 7351, 7355, 7366, 7367, 7384, 7385, 7391, 7407, 7408, 7409, 7416, 7418, 7419, 7420, 7423, 7424, 7426, 7466, 7479, 7480, 7487, 7488, 7492, 7493, 7501, 7502, 7503, 7506, 7517, 7518, 7536, 7546, 7553, 7555, 7559, 7569, 7573, 7578, 7579, 7581, 7590, 7597, 7602, 7607, 7610, 7617, 7624, 7633, 7635, 7642, 7643, 7644, 7650, 7651, 7652, 7662, 7665, 7667, 7712, 7715, 7719, 7726, 7727, 7737, 7738, 7744, 7751, 7752, 7766, 7769, 7778, 7779, 7788, 7789, 7790, 7802, 7803, 7804, 7809, 7811, 7820, 7830, 7834, 7864, 7868, 7870, 7873, 7874, 7875, 7887, 7918, 7940, 7948, 7956, 7958, 7965, 7975, 7980, 7981, 7982, 7985, 7994, 7998, 7999, 8001, 8012, 8016, 8017, 8064, 8082, 8083, 8099, 8100, 8101, 8105, 8114, 8117, 8118, 8120, 8121, 8126, 8127, 8130, 8132, 8142, 8167, 8172, 8175, 8181, 8187, 8188, 8192, 8197, 8202, 8203, 8221, 8228, 8229, 8237, 8254, 8265, 8266, 8267, 8276, 8305, 8308, 8318, 8324, 8325, 8329, 8334, 8335, 8339, 8340, 8344, 8352, 8353.

6. BIONOMICS AND ECOLOGY

(Including life-histories, ecology, parasites, predators, epidemics, etc.)

7249, 7250, 7252, 7253, 7257, 7258, 7259, 7264, 7265, 7266, 7267, 7268, 7269, 7270, 7271, 7272, 7273, 7275, 7276, 7277, 7278, 7279, 7280, 7282, 7283, 7284, 7285, 7286, 7287, 7288, 7290, 7291, 7296, 7297, 7299, 7302, 7303, 7304, 7305, 7308, 7309, 7313, 7314, 7316, 7317, 7318, 7319, 7320, 7321, 7322, 7323, 7325, 7326, 7329, 7333, 7337, 7338, 7340, 7341, 7342, 7343, 7344, 7347, 7348, 7349, 7352, 7353, 7354, 7357, 7358, 7361, 7362, 7365, 7367, 7368, 7369, 7370, 7371, 7372, 7376, 7377, 7378, 7379, 7380, 7381, 7383, 7384, 7385, 7386, 7388, 7391, 7393, 7394, 7395, 7397, 7398, 7399, 7400, 7401, 7402, 7406, 7408, 7409, 7410, 7413, 7414, 7415, 7416, 7417, 7418, 7421, 7423, 7424, 7426, 7429, 7430, 7431, 7432, 7433, 7434, 7435, 7436, 7437, 7438, 7439, 7440, 7441, 7442, 7443, 7444, 7445, 7446, 7447, 7448, 7450, 7451, 7452, 7453, 7455, 7456, 7459, 7460, 7462, 7463, 7466, 7467, 7468, 7469, 7470, 7471, 7472, 7473, 7475, 7476, 7477, 7478, 7481, 7482, 7483, 7485, 7486, 7488, 7489, 7490, 7491, 7492, 7493, 7496, 7498, 7500, 7501, 7502, 7503, 7504, 7506, 7507, 7511, 7512, 7513, 7515, 7516, 7517, 7518, 7519, 7521, 7522, 7523, 7524, 7525, 7526, 7527, 7528, 7529, 7530, 7531, 7532, 7533, 7535, 7539, 7540, 7541, 7542, 7543, 7544, 7546, 7548, 7549, 7552, 7553, 7554, 7555, 7556, 7557, 7558, 7560, 7561, 7563, 7564, 7565, 7566, 7567, 7568, 7570, 7574, 7576, 7578, 7579, 7580, 7583, 7584, 7591, 7592, 7593, 7594, 7595, 7597, 7599, 7600, 7601, 7607, 7608, 7609, 7611, 7612, 7613, 7614, 7615, 7616, 7618, 7619, 7621, 7622, 7623, 7626, 7627, 7629, 7630, 7631, 7632, 7640, 7642, 7645, 7646, 7648, 7654, 7655, 7656, 7657, 7659, 7661, 7664, 7665, 7670, 7671, 7672, 7674, 7677, 7678, 7679, 7680, 7681, 7682, 7683, 7690, 7695, 7710, 7711, 7712, 7713, 7714, 7719, 7720, 7721, 7722, 7723, 7724, 7725, 7726, 7727, 7728, 7729, 7730, 7733, 7734, 7735, 7736, 7737, 7738, 7739, 7740, 7741, 7742, 7743, 7744, 7745, 7746, 7747, 7748, 7749, 7750, 7751, 7752, 7753, 7754, 7755, 7756, 7757, 7758, 7759, 7760, 7761, 7762, 7763, 7764, 7765, 7767, 7770, 7772, 7773, 7774, 7775, 7776, 7777, 7778, 7779, 7780, 7784, 7785, 7786, 7788, 7789, 7790, 7791, 7792, 7793, 7794, 7795, 7796, 7797, 7798, 7799, 7800, 7801, 7805, 7806, 7807, 7808, 7811, 7814, 7816, 7817, 7818, 7819, 7820, 7821, 7822, 7831, 7832, 7833, 7835, 7836, 7837, 7839, 7840, 7841, 7842, 7843, 7844, 7845, 7847, 7851, 7853, 7854, 7863, 7865, 7866, 7867, 7869, 7871, 7872, 7877, 7878, 7880, 7882, 7883, 7884, 7888, 7889, 7890, 7892, 7893, 7896, 7898, 7899, 7900, 7901, 7902, 7903, 7910, 7911, 7912, 7913, 7914, 7915, 7916, 7919, 7922, 7925, 7926, 7927, 7929, 7930, 7931, 7933, 7934, 7936, 7937, 7938, 7939, 7940, 7941, 7942, 7943, 7944, 7945, 7953, 7955, 7958, 7959, 7960, 7961, 7963, 7964, 7966, 7967, 7968, 7969, 7970, 7972, 7973, 7974, 7976, 7977, 7978, 7979, 7980, 7983, 7984, 7986, 7987, 7989, 7990, 7991, 7992, 7993, 7994, 7995, 7996, 7998, 7999, 8002, 8003, 8004, 8005, 8006, 8010, 8011, 8015, 8018,

6. BIONOMICS AND ECOLOGY—*contd.*

8019, 8020, 8021, 8023, 8024, 8025, 8026, 8027, 8028, 8030, 8031, 8032, 8033, 8034,
 8035, 8039, 8043, 8045, 8048, 8049, 8052, 8053, 8057, 8058, 8059, 8062, 8063, 8064,
 8065, 8066, 8067, 8068, 8080, 8081, 8084, 8086, 8087, 8089, 8090, 8091, 8092, 8093,
 8094, 8095, 8096, 8098, 8102, 8103, 8106, 8107, 8109, 8113, 8115, 8116, 8117, 8121,
 8122, 8126, 8127, 8128, 8129, 8131, 8132, 8134, 8137, 8138, 8139, 8140, 8163, 8164,
 8165, 8166, 8167, 8168, 8170, 8173, 8174, 8176, 8177, 8178, 8179, 8180, 8182, 8184,
 8185, 8189, 8191, 8193, 8194, 8195, 8196, 8199, 8200, 8201, 8205, 8206, 8209, 8210,
 8211, 8212, 8213, 8214, 8215, 8216, 8217, 8218, 8219, 8221, 8222, 8223, 8224, 8225,
 8227, 8228, 8230, 8231, 8232, 8233, 8234, 8235, 8236, 8239, 8241, 8245, 8248, 8251,
 8254, 8256, 8257, 8258, 8260, 8261, 8262, 8264, 8265, 8266, 8267, 8268, 8269, 8270,
 8271, 8272, 8273, 8275, 8276, 8277, 8279, 8280, 8281, 8282, 8283, 8284, 8285, 8286,
 8287, 8288, 8289, 8292, 8293, 8297, 8298, 8299, 8301, 8303, 8306, 8307, 8309, 8313,
 8314, 8315, 8316, 8317, 8318, 8319, 8320, 8322, 8323, 8324, 8325, 8326, 8327, 8328,
 8329, 8330, 8331, 8332, 8333, 8337, 8338, 8339, 8340, 8341, 8342, 8343, 8345, 8347,
 8348, 8349, 8351.

7. PHASES

(Including biometry)

7347, 7571, 7581, 7666, 7834, 7891, 7934, 8014, 8290, 8330.

8. EVOLUTION, PHYLOGENY, GENETICS, ETC.

7405, 7422, 7425, 7578, 7795, 7876, 7897, 7904, 8108, 8118, 8120.

9. CONTROL

7249, 7253, 7254, 7255, 7256, 7257, 7258, 7259, 7261, 7262, 7263, 7264, 7265,
 7266, 7267, 7269, 7270, 7272, 7274, 7275, 7276, 7277, 7279, 7280, 7281, 7283, 7284,
 7286, 7287, 7288, 7289, 7290, 7291, 7293, 7294, 7295, 7296, 7298, 7301, 7302, 7306,
 7307, 7308, 7310, 7311, 7312, 7315, 7318, 7321, 7322, 7324, 7325, 7326, 7327, 7330,
 7333, 7335, 7336, 7340, 7342, 7343, 7345, 7349, 7350, 7351, 7353, 7356, 7358, 7359,
 7361, 7364, 7371, 7378, 7388, 7397, 7399, 7400, 7401, 7402, 7408, 7409, 7414, 7415,
 7416, 7417, 7418, 7419, 7420, 7421, 7423, 7424, 7446, 7447, 7450, 7466, 7471, 7474,
 7475, 7477, 7484, 7486, 7490, 7499, 7506, 7507, 7509, 7510, 7511, 7512, 7513, 7515,
 7516, 7523, 7525, 7526, 7527, 7528, 7532, 7533, 7534, 7535, 7536, 7539, 7540, 7541,
 7542, 7543, 7548, 7552, 7556, 7557, 7558, 7559, 7560, 7564, 7565, 7566, 7567, 7568,
 7569, 7573, 7574, 7576, 7577, 7582, 7592, 7594, 7595, 7598, 7601, 7602, 7603, 7604,
 7609, 7610, 7611, 7614, 7615, 7617, 7618, 7620, 7626, 7627, 7632, 7639, 7640, 7641,
 7643, 7645, 7646, 7647, 7650, 7651, 7658, 7662, 7663, 7668, 7671, 7683, 7718, 7719,
 7721, 7722, 7728, 7734, 7739, 7741, 7743, 7745, 7747, 7748, 7749, 7750, 7753, 7755,
 7756, 7757, 7758, 7759, 7760, 7763, 7766, 7767, 7768, 7769, 7771, 7774, 7780, 7784,
 7785, 7790, 7792, 7793, 7794, 7802, 7803, 7804, 7805, 7806, 7807, 7812, 7813, 7814,
 7815, 7817, 7818, 7821, 7830, 7833, 7836, 7838, 7842, 7864, 7868, 7870, 7880, 7886,
 7887, 7888, 7889, 7890, 7892, 7893, 7894, 7900, 7903, 7916, 7917, 7918, 7920, 7921,
 7922, 7925, 7926, 7927, 7929, 7930, 7932, 7936, 7937, 7938, 7939, 7940, 7941, 7942,
 7943, 7944, 7945, 7955, 7956, 7958, 7960, 7961, 7963, 7964, 7965, 7967, 7968, 7969,
 7970, 7971, 7972, 7973, 7974, 7976, 7978, 7980, 7981, 7982, 7992, 8001, 8004, 8011,
 8012, 8015, 8016, 8017, 8018, 8024, 8026, 8027, 8028, 8029, 8030, 8032, 8033, 8034,
 8035, 8036, 8037, 8038, 8040, 8041, 8042, 8047, 8048, 8049, 8053, 8055, 8059, 8060,
 8061, 8080, 8081, 8082, 8083, 8084, 8085, 8087, 8092, 8099, 8100, 8101, 8104, 8105,
 8109, 8110, 8111, 8112, 8114, 8115, 8116, 8128, 8129, 8130, 8131, 8163, 8164, 8167,
 8169, 8170, 8171, 8172, 8174, 8175, 8176, 8178, 8179, 8181, 8182, 8183, 8184, 8189,
 8190, 8191, 8192, 8193, 8194, 8195, 8196, 8197, 8200, 8201, 8202, 8203, 8205, 8206,
 8207, 8209, 8210, 8211, 8212, 8213, 8214, 8215, 8216, 8217, 8218, 8219, 8220, 8221,
 8222, 8223, 8224, 8227, 8228, 8229, 8237, 8238, 8239, 8248, 8251, 8252, 8257, 8258,
 8263, 8264, 8268, 8269, 8270, 8271, 8272, 8274, 8276, 8277, 8278, 8279, 8280, 8281,
 8282, 8283, 8284, 8285, 8286, 8287, 8291, 8292, 8293, 8294, 8295, 8296, 8297, 8298,
 8299, 8300, 8301, 8303, 8305, 8306, 8308, 8315, 8316, 8320, 8321, 8326, 8327, 8331,
 8333, 8337, 8339, 8342, 8343, 8344, 8349, 8350, 8351, 8352, 8353.

10. ZOOGEOGRAPHY, FAUNISTICS AND TAXONOMY

7252, 7300, 7339, 7346, 7357, 7360, 7362, 7368, 7370, 7373, 7374, 7375, 7376,
7382, 7383, 7387, 7389, 7390, 7392, 7393, 7394, 7395, 7396, 7398, 7403, 7404, 7405,
7410, 7411, 7412, 7422, 7425, 7426, 7427, 7428, 7429, 7430, 7433, 7434, 7435, 7440,
7449, 7454, 7457, 7458, 7461, 7464, 7465, 7473, 7493, 7494, 7495, 7496, 7504, 7505,
7537, 7538, 7551, 7552, 7572, 7575, 7578, 7579, 7585, 7586, 7587, 7588, 7589, 7590,
7593, 7596, 7605, 7606, 7628, 7633, 7634, 7635, 7636, 7637, 7641, 7649, 7654, 7656,
7660, 7673, 7675, 7676, 7685, 7686, 7687, 7688, 7689, 7690, 7691, 7692, 7693, 7694,
7695, 7696, 7697, 7698, 7699, 7700, 7701, 7702, 7703, 7704, 7705, 7706, 7707, 7708,
7709, 7713, 7716, 7717, 7725, 7729, 7730, 7731, 7732, 7740, 7772, 7773, 7781, 7782,
7783, 7787, 7810, 7816, 7823, 7824, 7825, 7826, 7827, 7828, 7829, 7842, 7846, 7848,
7849, 7850, 7852, 7853, 7855, 7856, 7857, 7858, 7859, 7860, 7861, 7862, 7879, 7881,
7882, 7885, 7895, 7905, 7906, 7907, 7908, 7909, 7924, 7928, 7935, 7946, 7947, 7949,
7950, 7951, 7952, 7953, 7954, 7957, 7962, 7988, 7997, 7998, 7999, 8003, 8007, 8008,
8009, 8014, 8019, 8020, 8021, 8022, 8023, 8043, 8050, 8051, 8052, 8054, 8056, 8063,
8067, 8068, 8069, 8070, 8071, 8072, 8073, 8074, 8075, 8076, 8077, 8078, 8079, 8088,
8097, 8113, 8123, 8124, 8125, 8126, 8127, 8133, 8235, 8136, 8137, 8138, 8139, 8140,
8141, 8143, 8144, 8145, 8146, 8147, 8148, 8149, 8150, 8151, 8152, 8153, 8154, 8155,
8156, 8157, 8158, 8159, 8160, 8161, 8162, 8180, 8186, 8198, 8226, 8230, 8233, 8236,
8240, 8242, 8243, 8244, 8246, 8247, 8249, 8250, 8253, 8255, 8256, 8265, 8266, 8267,
8302, 8304, 8309, 8310, 8311, 8312, 8312_a, 8328, 8329, 8334, 8335, 8340_a, 8345.
