

Arachnid Parasites and Predators of Insecta: A Bibliography of Literature

MD. ZAKA-UR-RAB

Section of Entomology Department of Zoology
Aligarh Muslim University
Aligarh, India¹⁾

The present paper is an attempt to bring together the scattered references on the subject in the form of a concise bibliography. It chiefly aims to cover the period (1914 to 1957), but all other references available to the author have been cited. Although all efforts have been made to achieve completeness, the possibility of several omissions, nevertheless, exists. The readers are earnestly requested to point out such omissions and kindly communicate them to the author so that they may be included in a future supplementary list which is rather inevitable in a work of this nature.

General References

- ANDRÉ, M., Une nouvelle forme larvaire de Thrombidion *Parathrombidium teres* sp. n. Bull. Soc. zool. France, **58**, 514—519, 1929.
 —, Sur le *Pediculoides ventricosus* Newport (Acarien). Bull. Mus. Hist. nat. Paris, **8**, 240—245; 337—341, 1936.
- ANONYMOUS, Mites on insects. Bull. Amateur Ent. Soc., **9**, 57—59, 1956.
- BAKER, E. W., & WHARTON, G. W., An introduction to Acarology. New York, 465 pp., 1952.
- BERLESE, A., Sur una nuova specie di Trombidide appartenente ad un nuovo genere supposta parassita, allo stato di larva, delle Cavallette in Puglia. Redia, **13**, 93—97, 199, 1918.
- BOUVIER, G., & GASCHEN, H., Sur quelques parasites de diptères piqueurs. Mitt. Schweiz. ent. Ges., **19**, 191—197, 1944.
 (*Achorolophius ignotus* Oudemans on various insects)
- BRENY, R., & BOLLAERT, D., *Pediculoides ventricosus* Newport, Un acarien prédateur polyphage. Bull. Inst. agron. Gembloux, **20**, 23—32, 1952.
 (Host list)
- CROWELL, R. M., Preliminary observations on the occurrence of watermites on insects in the Duke Forest. J. Parasitol., **36**, 32, 1950.
- EWING, H. E., Notes on the taxonomy of three economic species of mites, including the description of a new species. Proc. biol. Soc. Washington, **65**, 99—102, 1932.
 (In tracheae of insects)
- GREEN, J., & WILKINSON, W., Mites on insects of Skokholm Island. Ent. mon. Mag., **87**, 143—146, 1951.
- HULL, S., The eyeless migrants. A life episode of some Gamasids. Vasculum Hexham, **3**, 102—110, 1917.

¹⁾ Present address: Department of Zoology, Government Agriculture College, Sopore (Kashmir), India.

- O'CONNOR, F. W., An outbreak of itch due to a predaceous mite, occurring in England amongst men engaged in unloading cotton seed from Egypt. *Trans. Soc. trop. Med. Lond.*, **13**, 10–12, 1919.
- SAMŠIŇÁK, K., Einige Bemerkungen zur Faunistik der in Gesellschaft von Insekten lebenden Acari. *Acta Faun. ent. Prague*, **2**, 109–114, 1957.
- SCHEUCHER, R., Systematik und Ökologie der deutschen Anoetinen. In: H. J. STAMMER, Beiträge zur Systematik und Ökologie mitteleuropäischer Acarina, Leipzig, **1**, 233–384, 1957.
(*Hypopi* of Anoetinae off insects)
- SELLNICK, M., Eine parasitische Milbe aus dem Balaton-See. *Arch. Balatonicum Tihany*, **1**, 173–177, 1927.
- , Milben als Parasiten von Insekten. 7. Intern. Kongr. Ent. Berlin, **2**, 1300–1307, 1939.
- , Die Milbenfauna Islands. *Göteborgs Vetensk. Handl.* (5), Ser. B, **6**, No. 14, p. 1–129, 1940.
(*Achorolophus*, *Phanlocylliba*, *Leptus*, *Parasitus* and *Hydracarina* on Opioniones and insects)
- SWAN, D. C., The hay itch mite, „*Pediculoides ventricosus* (Newp.) (Acarina, Pediculoididae)“ in South Australia. *J. Agr. South Austral.*, **37**, 1289–1299, 1934.
- THOMPSON, G. B., I. Some new records of the occurrence of *Myialges* spp. (Acarina). II. A new record of *Microlichus uncus* Vitzthum (Acarina). *Ann. Mag. nat. Hist.*, **18**, 315–320, 1936.
- TURK, E., & TURK, F., Systematik und Ökologie der Tyroglyphiden Mitteleuropas. In: H. J. STAMMER, Beiträge zur Systematik und Ökologie der mitteleuropäischen Acarina, Leipzig, **1**, 1–231, 1957.
- VOLGIN, V. I., Prilog proucavanju *Pediculoides ventricosus* Newport (Acarina, Arachnoidea). (Contribution à l'étude de *Pediculoides ventricosus*). *Acta Med. Jugoslavica Belgrade*, **1**, 76–128, 1919.
- VOUKASSOVITCH, P., Contribution à l'étude biologique de *Pediculoides ventricosus* New., Acarien parasite. 7. Intern. Kongr. Ent. Berlin, **3**, 1685–1714, 1939.
- WILLMAN, C., *Winterschmidia crassisetosa* spec. nov. (Winterschmidtidae, Acari), *Boll. Lab. Zool. Portici*, **31**, 65–68, 1939–1941.

Apterygota

- BAKER, E. W., & WHARTON, G. W., An introduction to Acarology. New York, 465 pp., 1952.
(*Biscirus lapidarius* (Kramer) on *Sminthurus viridis* L.)
- CURRIE, G. A., The Bdellid mite *Biscirus lapidarius* Kramer, predatory on the lucerne flea *Sminthurus viridis* L. in Western Australia. *J. Austral. Council Sci. & Industr. Res.*, **7**, 9–20, 1934.

Pterygota

Orthoptera

- BAKER, E. W., & WHARTON, G. W., An introduction to Acarology. New York, 465 pp., 1952.
(*Locustacarus trachealis* Ewing in tracheae of grasshoppers; *P. diander* Volkonsky on *Locusta migratoria* L.; *Pimeliaphillus podapolipophagus* Tragardh on cockroach; *Erythraeus swazianus* Lawrence on locust; *Eutrombidium rostratus* Scopoli on locusts)
- DANIEL, M., & SAMŠIŇÁK, K., *Phanolophus nasica* Andre (Acari: Smariidae) a new parasite of the Italian cockroach *Calliptamus italicus* L. *Zool. Zh.*, **34**, 1242–1249, 1955. (In Russian).

- FEIDER, Z., Un Acarien parasite de la Courtiliere. Bull. Acad. Roumaine Bucarest, **27**, 528—532, 1945.
 (Mycterothrombium neglectum n. sp. on *Gryllotalpa vulgaris* Latreille)
- HARRIS, W. V., The locust tracheal mite. E. Afr. agric. J. Nairobi, **6**, 43—44, 1940.
 (*Locustacarus locustae* Ewing on *Locusta migratoria migratorioides* R. & F.)
- JUDD, W. W., Larval mites of the genus *Eutrombidium* attached to a Carolina locust. Psyche, **60**, 124—125, 1953.
 (*Eutrombidium trigonum* Hermann on *Dissosteira carolina* L.)
- KEEGAN, H. L., A new genus and species of parasitic mite. J. Parasitol., **30**, 181—183, 1944.
 (*Blattisocius triodons* Keegan on *Blattella germanica* L.)
- LAHILLE, F., Un enemigo de la langosta (*Podapolipus berlesei* Lah.). Boll. Minist. Agric. Buenos Aires, **6**, 96—109, 1906.
 (On locusts)
- LAVOIPIERRE, M., The Acarine parasites of S. African Acrididae, with special reference to the genus *Podapolipus*. J. ent. Soc. S. Africa, **4**, 71—80, 1941.
- LAWRENCE, R. F., A note on some parasites of *Locusta migratoria migratorioides* R. & F. J. ent. Soc. S. Africa, **3**, 173—178, 1940.
- POPOVA, A. A., On the biology and significance of the red spider (*Eutrombidium debili-pes* Leonardi) as parasite of the migratory locust (*Locusta migratoria* L.). Bull. Plant Protection Leningrad, **1**, 131—170, 1932. (In Russian with English summary).
- PRICHARD, A. E., A new superfamily of trombidiform mites with the description of a new family, genus, and species. (Acarina: Iolinoidea: Iolinidae: *Iolina nana*). Ann. ent. Soc. Amer., **49**, 204—206, 1956.
 (On cockroach, *Blaberus craniifer* Burmeister, and *Diplopterus dytiscoides* Serville)
- ROEHRICH, R., Parasites et prédateurs du criquet migrateur (*Locusta migratoria gallica* Rem.) dans les landes de Gascogne de 1945 à 1950. Ann. Epiphyt., **2**, 479—495, 1951.
 (*Eutrombidium trigonum* Hermann on locust)
- SEVERIN, H. C., The grasshopper mite *Eutrombidium trigonum* (Hermann) an important enemy of grasshoppers. S. Dak. Apr. Exp. Sta. Tech. Bull., **3**, 1—36, 1944.
- USMAN, S., & PUTTARUDRAIAH, M., A list of the insects of Mysore including the mites. Dept. Agric. Mysore State, Ent. Ser. Bull., **16**, 1—194, 1955.
 (*Erythraeus* sp. on grasshopper *Colemania sphenarioides* Bolivar; unidentified Trombidiidae on *Oxya* grasshopper; unidentified Tyroglyphidae in *Oxya* rearing cages)
- UVAROV, B. P., Locusts and grasshoppers: A handbook for their study and control. London, (Acari, 116—120), 1928.
- VITZTHUM, Graf H., *Mantidoglyphus anastati* (Acari). Z. Parasitenk., **11**, 457—462, 1940.
 (In cocoon of *Hierodula*)
- VOLKONSKY, M., *Podapolipus diander* n. sp. acarien heterostygmate parasite du criquet migrateur (*Locusta migratoria* L.). Arch. Inst. Pasteur Alger., **18**, 321—342, 1940.
- WEHRHE, L. P., & WELCH, P. S., The occurrence of mites in the tracheal system of certain Orthoptera. Ann. ent. Soc. Amer., **18**, 35—44, 1925.
- WOMERSLEY, H., On some new Acarina-Mesostigmata from Australia, New Zealand and New Guinea. J. Linn. Soc. Lond. (Zool.), **42**, 505—599, 1956.
 (*Blattilaelaps nauphoetae* n. sp. off blattid, *Nauphoeta cinerea* Oliv.)
- ZALOTAREV, E. Ch., On the question of parasitism of the red mite of the genus *Eutrombidium* on *Locusta migratoria* L. Bull. North Caucasian Plant Protection Sta., **6/7**, 239—242, 1930. (In Russian with English summary).

Dermoptera

BEHURA, B. K., A little known Troglyphoid mite, *Histiostoma polypori* (Oud.) and its association with the earwig, *Forficula auricularia* Linn. Nature, **165**, 1025–1026, 1950.

RADFORD, C. D., Four new species of parasitic mites (Acarina: Trombiculinae). Parasitology, **42**, 231–238, 1953.

(*Andreacarus petersi* n. sp. on *Hemimerus tallpoides* Walker)

Plecoptera

FEIDER, Z., Une nouvelle larve d'Acarien parasite sur un Plecoptera. (*Tetrathrombium zachvatkini* n. g., n. sp.). Stud. Cercet. Sti. Acad. Republ. Rom. Fil. Iasi, (2), **6**, 209–218, 1955.

(On *Nemura* sp.)

IMAMURA, T., On the life history of *Partnunia uchidai*, a water mite parasitic on stone-flies. Annot. zool. Japan, **24**, 54–58, 1950.

(On *Perla maxima* Scopoli)

MÜNCHBERG, P., Kurze Mitteilung über die an Steinfliegen (Plecoptera) schmarotzenden Wassermilben-Larven. Arch. Hydrobiol., **49**, 414–420, 1954.

(*Partnunia* larvae on stone-flies)

VITZTHUM, Graf H., Über den Parasitismus der *Hydryphantes*-Larven. Z. Parasitenk., **12**, 144–156, 1941.

(*Hydryphantes altomontanus* n. sp. on *Perlodes intricata* Vitzthum)

WOMERSLEY, H., An interesting new larval species of *Panisopsis* (Thysidae, Acarina) from New Zealand. Rec. Canterbury (N. Z.) Mus., **6**, 233–235, 1953.

(*Panisopsis wiselyi* n. sp. on *Apteryoperla monticola*)

Isoptera

LOMBARDINI, G., Descrizione di un nuova genere e di una nuova specie di Acari Meso-stigmati. Redia, **32**, 175–178, 1947.

(*Starkovia termitophila* n. sp. on *Reticulitermes lucifugus* Rossi)

SILVESTRI, F., Seconda nota su alcuni termitofili dell'Indocina con una appendice sul *Macrotermes barneyi* Light. Boll. Lab. ent. Agr. Portici, **7**, 13–40, 1947.

(*Termitonyssus primus* n. sp. on *Macrotermes barneyi* Light)

Psocoptera

WOMERSLEY, H., & SOUTHCOTT, R. V., Notes on the Smaridae (Acarina) of Australia and New Zealand. Trans. Roy. Soc. S. Australia, **65**, 61–78, 1941.

(*Smaris prominens* Banks on psocids)

Mallophaga

COOREMAN, J., Un nouveau cas d'hyperparasitism parmi les Acaridiae: *Myialges trinotoni* n. gen., n. sp., parasite d'un Mallophage. Bull. Mus. R. Hist. nat. Belgique, **20**, 1–12, 1944.

DUBININ, V. B., Mites of the subfamily Myialgesinae parasitic on blood-sucking flies and feather lice. Ent. Obozr. Moscow, **31**, 123–131, 1950. (In Russian).

EICHLER, W., Milben an Mallophagen. Riv. Parassit., **15**, 391–394, 1954.

(*Myialges* on *Trinoton* sp.)

RADFORD, C. D., A revision of the fur Mites Myobiidae (Acarina) (Suite). Bull. Mus. Hist. nat. Paris, (2), **21**, 425–429, 1949.

(*Myialgopsis trinotoni* Cooreman on *Trinoton aculeatum*)

TURK, F. A., Studies of Acari—Second series: Description of new species and notes on established forms of parasitic mites. Parasitology, **36**, 133–141, 1945.

(*Ixodes hexagonus* on *Felicola subrostrata* Nitsch)

Odonata

- FERNANDO, C. H., Larval water-mites (Hydracarina) parasitic on insects, with notes on the dispersal of small freshwater invertebrates. J. Bombay nat. Hist. Soc., **55**, 579–581, 1958.
 (On *Diplocodes trivialis* Rambur)
- IMAMURA, T., A new water mite, *Arrenurus daisetsuensis* n. sp., with a note on its life history. J. Fac. Sci. Hokkaido Univ., Zool., **10**, 106–112, 1951.
 (On *Enallagma deserti yezoensis* Asahina, and *Aeschna nigroflava* Martin)
- KILLINGTON, F. J., & BATHE, E. C., Acarine parasites of Odonata. I — *Leptus (Achorolophus) killingtoni* Turk. Ent. mon. Mag., **82**, 257–266, 1946.
- , Acarine parasites of Odonata. II — *Arrhenurus leukarti* Piersig, *A. ornatus* George, *A. neumani* Piersig, and *A. sp.?* nov. Ent. mon. Mag., **83**, 116–124, 1947.
- , Acarine parasites of Odonata. III — *Limnochares aquaticus* (Linnaeus). Ent. mon. Mag., **83**, 145–147, 1947.
- MÜNCHBERG, P., Zur Morphologie der *Arrhenurus-* und *Georgella*-Larven und Nymphen mit besonderer Berücksichtigung der Libellen-Parasiten. Arch. Naturg. (N. F.), **5**, 93–115, 1936.
- , Über die an Culicinae (Diptera) schmarotzenden *Arrhenurus*-Larven (Hydracarina) I. Arch. Hydrobiol., **30**, 557–573, 1936.
- , *Arrhenurus planus* Marsh. in U.S.A., und *A. papillator* (O. F. Müll.) in der Alten Welt, zwei ökologisch und morphologisch einander entsprechende Arten (Ordnung: Hydracarina). Arch. Hydrobiol., **31**, 209–228, 1937.
- , Ein zweiter Beitrag über die in den U.S.A. eine odonaten-parasitische Larvenphase aufweisenden *Arrhenurus*-Arten (Ordnung: Hydracarina). Arch. Hydrobiol., **45**, 378–388, 1951.
 (*Arrhenurus platy-rotundo-cuspidator* n. sp. larva on *Pachydiplax longipennis* Burmeister; *A. americanus* var. *major* Marsh. larva on *Ischnura posita* Burmeister)
- , Vierter Beitrag zur Kenntnis der im nordamerikanischen Raum an Odonaten parasitierenden *Arrhenurus*-Arten (Ordnung: Hydracarina). Zool. Jb. (Syst.), **82**, 47–57, 1953.
 (*Arrhenurus (A.) tetratumuli* n. sp. on *Erythemis simplicicollis* Say, *Pachydiplex longipennis* Burmeister, *Ischnura verticalis* Say, *Enallagma carunculatum* Morse, and *E. signatum*)
- , Zum Parasitismus der Wassermilbenlarven an Libellen. Mikrokosmos, **44**, 110–113, 1955.

Hemiptera**(Heteroptera)**

- ANDRÉ, M., Sur une nouvelle forme larvaire d'Acarien parasite d'un Hemiptere de Madagascar. Rev. France ent. Paris, **8**, 188–195, 1941.
 (*Leptus madagascariensis* n. sp. on *Stenopirates (E.) longipes* n. sp.)
- , Nouvelles observations sur le *Bochartia kuyperi* Oudemans (Acariens). Bull. Mus. Hist. nat. Paris, **23**, 353–355, 1951.
- CUNLIFFE, F., Biology of the cockroach parasite *Pimeliaphilus podapolipophagus* Trägardh, with a discussion of the genera *Pimeliaphilus* and *Hirstiella* (Acarina, Pterygosomidae). Proc. ent. Soc. Washington, **54**, 153–169, 1952.
 (*Pimeliaphilus triatomae* n. sp. on *Triatoma infestans* Klug)
- FEIDER, Z., Nouveaux acariens parasites des insectes nuisible appartenant au genre *Phyllotreta*. An. Sti. Univ. „A. I. Cuza“ Iasi, N. S. **2**, 119–161, 1956.
 (*Leptus phyllotretae* n. sp., *Teresothrombium mastigotarsum* n. sp. and *T. susteri* n. sp. off *Phyllotreta*)

- FERNANDO, C. H., The possible dispersal of *Psidium* by Corixidae. (Hemiptera). J. Conch., **24**, 17–19, 1954.
- , Larval water-mites (Hydracarina) parasitic on insects, with notes on the dispersal of small freshwater invertebrates. J. Bombay nat. Hist. Soc., **55**, 579–581.
(On *Sigara lateralis* Leach, *S. dorsalis* Leach, *S. distincta* (Fieb.), *S. fossarum* (Fieb.), *S. nigrolineata* Fieb., and *Hesperocorixa linnei* (Fieb.) (Corixidae); *Ranatra elongata* Dohrn. (Nepidae); *Hydrometra vittata* Stål (Hydrometridae)).
- GRIFFITH, M. E., The environment, life-history and structure of the water boatman, *Rhamphocorixa acuminata* (Uhler), (Hemiptera: Corixidae). Kans. Univ. Sci. Bull., **30**, 241–365, 1945.
(Mites on Corixidae)
- HUNGERFORD, H. B., The biology and ecology of the aquatic and semi-aquatic Hemiptera. Kans. Univ. Sci. Bull. **11**, 1–341, 1919.
(Mites on Corixidae)
- IMAMURA, T., Studies on a water mite *Limnochares aquaticus* parasitic on pond skaters. Zool. Mag. Tokyo, **61**, 227–232, 1952. (In Japanese).
(On *Aquarius pallidum* Fab. and *Limnopus rufoscutellatus* Latreille)
- LANSBURY, I., Some notes on invertebrates other than insects found attached to water bugs. (Hemipt.-Heteroptera). Entomologist, **88**, 139–140, 1955.
(On Corixidae)
- LESTON, D., Miscellaneous biological notes on British Corixidae and Notonectidae (Hem.). Ent. mon. Mag., **91**, 92–95, 1955.
(Mites on Corixidae)
- PEARSE, E. J., & WALTON, G. A., A contribution towards an ecological survey of the aquatic and semiaquatic Hemiptera-Heteroptera (waterbugs) of the British Isles. Trans. Soc. Brit. Ent., **6**, 149–180, 1939.
(Mites on Corixidae)
- SOAR, C. D., Larval watermites on aquatic animales. Amer. mon. Micr. J., **22**, 323–324, 1901.
(Mites on Corixidae and Notonectidae)

Hemiptera (Homoptera)

- BAKER, E. W., & WHARTON, G. W., An introduction to Acarology. New York, 465 pp., 1952.
(*Cunaxoides parvus* (Ewing) on oyster shell scales; *Eupalopsis pinicola* Oud. on scale insects; *Neophyllobius* sp. on scale insects; *Balaustium aonidaphagus* (Ebeling) on citrus red scale; *Thyreophagus entomophagus* Laboulbene on scale insects; *Hemisarcopeltis malus* (Shimer) on *Lepidosaphes ficus* Signoret, *L. ulmi* Linné, *L. beckii* Newman, *Parlatoria oleae* (colvea), *Aspidiotus lantanae* Signoret, *Diaspis carueli* Targ., *Aonidiella perniciosa* Comstock, *Chionaspis salicis* L.)
- EWING, H. E., & WEBSTER, R. L., Mites associated with the oyster-shell scale. (*Lepidosaphes ulmi* Linné). Psyche, **19**, 121, 1912.
- EBELING, W., A new predaceous mite from Southern California. Pan-Pacif. Ent., **10**, 33–34, 1934.
(*Balaustium aonidaphagus* Ebeling predatory on citrus red scale)
- TOTHILL, J. D., The predaceous mite, *Hemisarcopeltis malus* Shimer, and its relation to the natural control of the oyster-shell scale, *Lepidosaphes ulmi* L. Agr. Gaz. Canada, **5**, 234, 239, 1918.
- USMAN, S., & PUTTARUDRAIAH, M., A list of the insects of Mysore including the mites. Dept. Agric. Mysore State, Ent. Ser. Bull., **16**, 194 pp., 1955.
(Unidentified species of Pediculoididae on sugarcane mealy bugs; unidentified Tyroglyphidae on *Pulvinaria psidii* Maskell)

Neuroptera

- KILLINGTON, F. J., *Hemerobius* (Neur.) attacked by a mite. J. Soc. Brit. Ent., **3**, 36, 1946.
 (*Leptus killingtoni* Turk on *Hemerobius* sp.)

Lepidoptera

- ANONYMOUS, The hay-itch mite (*Pediculoides ventricosus*). Agric. Gaz. N. S. W., **54**, 41–42, 1943.

(On grain moth caterpillar)

- BAKER, E. W., & WHARTON, G. W., An introduction to Acarology. New York, 465 pp., 1952.

(*Pyemotes* (= *Pediculoides*) *ventricosus* Newport on *Sitotroga cerealella* Olivier, *Stilpnnotia salicis* L., and *Anarsia lineatella* Zeller)

- COOREMAN, J., Acarien et Lepidopteres. Lambillionea, Bruxelles, **45**, 10–13, 1945.
 (*Pyemotes ventricosus* Newport and larval Trombidiidae and Erythraeidae on Lepidoptera)

- , Acariens et Lepidopteres. Lambillionea, Bruxelles, **45**, 19–21, 1945.

- , A propos de *Cheletomorpha lepidopterorum* (Shaw, 1794) (Acarien, Cheyletidae). Lambillionea, Bruxelles, **46**, 70–71, 1946.

- KAMAL, M., Recent advances in the control of the pink boll-worm (*Platyedra gossypiella*) by natural enemies. 6. Congr. Intern. Ent., Madrid, **2**, 567–581, 1935 (1940). (*Pediculoides ventricosus* Newport)

- KISHIDA, K., Description of *Erythraeus ojimai*, a new species of mite parasitic on the rice moth. J. Imp. agric. Exp. Sta. Tokyo, **1**, 96–100, 1929. (In Japanese).

- , A mite (*Macrocheles*) injurious to silkworms. Oyo-Dobuts Zasshi Tokyo, **12**, 113–116, 1950. (In Japanese).

- KOEHLER, P., Parasitos de „Psychidae“ argentinos. Physis, B. Aires, **17**, 473–494, 1939.

(*Pediculoides ventricosus* Newport)

- SAPRA, A. N., *Pediculoides ventricosus* Newport, as a parasite of *Platyedra gossypiella*. Indian J. Ent., **3**, 142, 1941.

(On larvae of *Platyedra gossypiella* Saunders and *Chilo simplex* Butler)

- SEABRA, A. F., A entomologia do trigo. Arq. Sec. Biol. Parasit. Coimbra, **3**, pp. I–XV, 1–699, 1939. Append., pp. 1–13; Addend., pp. 1–4.

- STALLWOOD, B. R., Parasites of *Agapetus galathea* L. Entomologist, **85**, 21–22, 1952.

- TREAT, A. E., A new gamasid (Acarina: Mesostigmata) inhabiting the tympanic organs of Phalaenid moths. J. Parasit., **40**, 619–631, 1954.

(*Myrmonyssus phalaenodectes* n. sp. on *Pseudaletia unipuncta* and other moths)

- , Distribution of the moth ear mite (*Myrmonyssus phalaenodectes* Treat). Lepidopt. News, **9**, 55–58, 1955.

- , An ectoparasite (Acarina: Mesostigmata) from moths of the genus *Zale*. J. Parasitol., **41**, 555–561, 1955.

(*Otopheidomenis zalelestes* on *Zale lunata saundersii*)

- USMAN, S., & PUTTARUDRAIAH, M., A list of the insects of Mysore including the mites. Dept. Agric. Mysore State, Ent. Ser. Bull., **16**, 194 pp., 1955.

(Unidentified Pediculoididae on larvae of *Corcyra cephalonica* Stainton, silkworm cocoons; unidentified Tyroglyphidae in *Corcyra* rearing cages)

Coleoptera

- BAKER, E. W., & WHARTON, G. W., An introduction to Acarology. New York, 465 pp., 1952.

(*Megisthanus floridanus* Banks on *Popillius disjunctus* Illiger; *Poecilochirus* on Coleoptera; Pachylaelaptidae on Coleoptera; Diarthrophallidae on Passalidae; *Diarthrophallus quercus* Pearse & Wharton on Passalid; Diplogyniidae on Coleo-

- ptera; Schizogynidae on Coleoptera, Parantennulidae on Carabidae; *Tetrapolipus rhynchophori* Ewing under elytra of *Rhynchophorus palmarum* L., *Podapolipus reconditus* Rovelli & Grassi under elytra of beetles; *Winterschmidia crassisetosa* Willman on *Phloeotribus scarabaeoides* Bernard; *Canestrinia dorcicola* Berlese on *Dorcus parallelipedus* L., *Coleopterophagus megninii* (Berlese) under elytra of *Cetonia* spp., *Photia procrustidis* Berlese under elytra of *Procrustes coriacei* L., *Grandiella tetracaudata* Lomb on *Phanaeus* sp., *Linobia coccinellae* (Scopoli) under elytra of *Melasoma populi* L.)
- BORLAND, J. G., The genus *Neotrombidium* (Acarina Trombidioidea) in the United States. J. Kansas ent. Soc., **29**, 29–35, 1956.
(Neotrombidium tricuspidum n. sp. on *Monochamus carolinensis* Oliv.)
- BRUMPT, E., Frequence du parasitisme d'*Hydrachna processifera* sur le *Dytiscus marginalis* en Normandie. Ann. Parasitol., **7**, 290–302, 1929.
- CAMPOS, F., Caso de un *Acrocinus longimanus* L. portador de mas de 500 acaridos. Rev. Col. Rocafuerte Guayaquil, **12**, 7–8, 1930.
- COOREMAN, J., Etude de quelques Canestriniidae (Acarini) vivant sur des Chrysomelidae et sur des Carabidae (Insecta Coleoptera). Bull. Mus. Hist. nat. Belg., **26**, No. 33, 1–54, 1950.
(Caraboeius coriacei Cooreman and *Percanestrinia saetolata* Cooreman under elytra of *Procrustes coriacei* L., *Paramania menthastrii* Cooreman under elytra of *Chrysomela menthastrii* Suffrian; *Photia chrysocarabi* Cooreman under elytra of *Chrysocarabus auronitens* Fabricius, *Procericola ichthyoides* Cooreman under elytra of *Procerus gigas* Creutzer)
- , Etude de quelques Canestriniidae (Acarini) vivant sur des Chrysomelidae et des Carabidae (Insecta Coleoptera). Bull. Inst. R. Sci. nat. Belgique, **26**, 1–54, 1950.
(Canestrinia dorcicola Berlese on *Dorcus parallelipedus* L., *Coleopterophagus megninii* Berlese under elytra of *Cetonia* spp., *Photia procrustidis* Berlese under elytra of *Procrustes coriacei* L., *Grandiella tetracaudata* Lombardini on *Phanaeus* sp.)
 - , Notes et observations sur les Acariens. IV. Bull. Mus. Hist. nat. Belg., **27**, No. 1, 1–12, 1951.
(Tarsocheylus aethiopicus Cooreman under elytra of *Pentalobus barbatus* Fabricius)
 - , *Histiogaster hylacoeti* n. sp. (Acarien, Tyroglyphidae) description de la deutonymphe migratrice vehiculee par *Hylecoetus dermestoides* L. (Col., Lymexylidae). Bull. Ann. Soc. ent. Belg., **88**, 234–240, 1952.
 - , Acariens Podapolipodidae du Congo Belge. Bull. Inst. Sci. nat. Belg. **28**, No. 36, 1–10, 1952.
(Eutarsolipus desanti n. sp. on *Chlaenius platynoides* Alluaud, and *Terapolipus solanophila* n. sp. on *Solanophila apicicornis* Sicard)
 - , Sur le genre *Cecidopus* Karsch (Erythraeidae) et sur une espece nouvelle du genre *Percanestrinia* Berlese (Percanestriniidae). Bull. Mus. Hist. nat. Belg., **29**, Nr. 31, 1–12, 1953.
(Percanestrinia (P.) maroccana Cooreman under elytra of *Blaps pinguis* All.)
 - , Acari. Explor. Parc nat. Albert Miss. de Witte, **85**, 1–43, 1955.
(Afrocanestrinia straeleni n. sp. on *Dicronorhina micans*, *Smaragdesthes africana mutica* n. sp., *Cetonicola hispidus* n. sp. on *Dicronorhina micans*, *Smaragdesthes africana mutica* n. sp., *Eudicella gralli* var. *mechowii* Quedf., *Coleopterophagous pulcher* n. sp. on *Porphyronota cinnamomea*, *Diplognathophilus africanus* n. sp. on *Rabdotis sobrina*, *Paraphagella princeps* n. sp. on *Dicronorhina micans*, and *Smaragdesthes africana mutica* n. sp.)
 - DOETSCHMAN, W. H., An Acarine infestation on Dermestid larvae. J. Mammal. Baltimore, **28**, 299, 1947.
(Pediculoides ventricosus Newport)

- ECSTEIN, K., Das Bohrmehl der Anobien. Forst-Archiv., **15**, 269—271, 1939.
 (*Pediculoides ventricosus* Newport on Anobid beetle)
- EWING, H. E., Synopsis of beetle-mites (North America). Ann. ent. Soc. Amer., **10**, 117—132, 1917.
- FERNANDO, C. H., Larval water-mites (Hydracarina) parasitic on insects, with notes on the dispersal of small freshwater invertebrates. J. Bombay nat. Hist. Soc., **55**, 579—581, 1958.
 (On *Eretes sticticus* L.)
- HICKS, E. A., A new genus and species of the family Diplogyniidae. Proc. Iowa Acad. Sci., **64**, 614—620, 1957.
 (*Neolobogynium lateriseta* n. sp. on *Hololepta fossularis* Say)
- JUDD, W. W., Nymphal mites of the genus *Uropoda* attached to a cerambycid beetle. Ann. ent. Soc. Amer., **43**, 608—609, 1950 (1951).
- KEEGAN, H. L., *Dynatochela prunus* n. sp., n. gen., (Acarina: Laelaptidae: Iphiopsinae). J. Parasitol., **36**, 511—514, 1950.
 (On *Phyllophaga* sp.)
- KRAUSE, A., Eine neue Borkenkäfermilbe, *Calvolia kneissli* m. von *Orthotomicus laricis* FABR. Arch. Naturg., A, **83**, 123—124, 1919.
- KRISHNA AYYAR, P. N., & MARGABANDHU, V., Biological notes on *Sinoxylon sudanicum* Lesne and its parasites in S. India. J. Bombay nat. Hist. Soc., **44**, 461—465.
- LAWRENCE, R. F., Three new parasitic mites (Acarina) from South Africa. J. ent. Soc. S. Afr., **3**, 109—115, 1940.
 (On beetles)
- LOMBARDINI, G., Acari novi. I—II. Mem. Soc. ent. Ital. Genova, **17**, 44—46, 118—120, 1938 (1939).
 (Acari on Beetles)
 —, Acari vel novi vel iterum descripti. Boll. Soc. ent. Ital., **72**, 10—13, 1940.
 (*Gamasellus cultriger* n. sp. under elytra of passalid beetle)
 —, Acari novo. III. Boll. Soc. ent. Ital., **72**, 102—104, 1940.
 (*Colelaelaps brasilianus* n. sp., and *C. longius* n. sp. under elytra of *Oryctes* (Col.); *C. passali* n. sp. under elytra of passalid beetle)
 —, Acari. *Cyllibanus sternalis* n. sp. Agric. colon., Firenze, **35**, 146—147, 1941.
 (On passalid beetles)
 —, Acarina (Esc. Ixodoidae)-Missione Biol. Sagan-Ouro. Atti. R. Accad. Ital., Zool., **12**, 1—38, 1941.
 —, Acari. *Grandiella tertia* n. sp. Agric. colon. Firenze, **36**, 46—49, 1942.
 (On Cassids)
 —, Acari-II maschio adulto e la larva di femmina della species *Passalobia quadricaudata* Lomb. Agric. colon. Firenze, **37**, 67—70, 1943.
 —, Acari — Un nuovo genere della famiglia „Tyroglyphidae“. Redia, **30**, 1—24, 1944.
 (*Melisia melissi* Lomb. on American Passalidae; *Percanestrinia gentilis* n. sp. on *Chrysomelas*)
 —, Acari nouvi. Redia, **34**, 67—74, 1949.
 (*Pavania fusiformis* Lomb. on *Scarabaeus sacer* L.)
 —, Acari nuovi XXXIII. Mesostigmata. Redia, **42**, 283—289, 1957. (*Copriphis spinosus* n. sp. on *Bubas bison* L.)
- MATHUR, R. N., Uropoda nymphs on Lyctid and Curculionid beetles. Indian For., **78**, 144—145, 1952.
- NEUMANN, K. W., Die Lebensgeschichte der Käfermilbe *Poecilocirus necrophori* Vitzth., nebst Beschreibung aller Entwicklungsstufen. Zool. Anz., **142**, 1—21, 1943.
- NORDENSKIØLD, E., *Dytiscus latissimus* med *Hydrachna*-pupper (*Dytiscus latissimus* mit *Hydrachna*-Puppen). Helsingfors Medd. Soc. Fauna Flora Fenn., **41**, 95, 1915.

- OUDEMANS, A. C., Notes on Acari. Third Series. Tijd. Dierkund. Ver., **2**, 50—88, 1901.
(Olafsenia trifolium (Oud.) on *Heliocoris bucephalus* Fabricius)
- PIATAKOV, M., On the development of the *Eylais* and *Hydrachna* larvae under the wings of Dytiscidae (Acarina, Limnocharidae). Rev. Russ. ent. Petrograd, **15**, 125—130, 1915. (In Russian with English summary).
- PEARSE, A. S., PATTERSON, M. T., RANKIN, J. S., & WHARTON, G. W., The ecology of *Passalus cornutus* Fabricius, a beetle which lives in rotten logs. Ecol. Monogr. Durham N. C., **6**, 455—490, 1936.
(Acari on *Passalus cornutus* Fab.)
- REDIKORTZEV, V. V., The mite *Pediculoides ipidarius* sp. n. (Acarien, Pediculoididae) a parasite of bark beetles. Ent. Obozr. Moscow, **29**, 247—249, 1947. (In Russian).
(On *Ips typographus* L.)
- RYKE, P. A. J., & MEYER, M. K. P., Eviphidinae Berlese 1913 (Mesostigmata: Acarina) associated with South African beetles. Ann. Mag. nat. Hist., **10** (12th series), 593—618, 1957.
(Alliphis evansi n. sp. on *Anomala transvalensis* A., *Onitis* sp., *Ontophagus gazella* Fabr., *Onticellus* sp., *Ontophagus binodis* Fabr.; *Alliphis halberti* n. sp. on *Onitis* sp.; *Eviphis capensis* n. sp. on *Scarabaeus bonelli* McL.; *Eviphis hastatellus transvaalensis* n. ssp. on *Heliocoris hamadryas* F.; *Pelethiphis berlesei* n. sp. on *Circellum bacchus* F.; *Pelethiphis eiseleni* on *Heliocoris gigas* Linn. and *H. hamadryas* F.; *Pelethiphis geyeri* n. sp. on *Copris elphanor* Kling; *Pelethiphis vaneedeni* n. sp. on *Heliocoris hamadryas* F. and *H. gigas* Linn.; *Scarabaspis africanus* n. sp. on *Pachylomera femoralis* Kirby)
- SAMŠÍNÁK, K., Über die an den Lamellicornien lebenden Milben aus der Familie Tyroglyphidae (Acari). Acta Soc. ent. Bohem., **54**, 180—188, 1957.
(Caloglyphus lucani n. sp. on *Lucanus cervus* (L.); *C. novaki* n. sp. on *Geotrupes vernalis* var. *autumnalis* Heer)
- SEABRA, A. F. DE, A entomologia do trigo. Arq. Sec. Biol. Parasit. Coimbra, **3**, I—XV, 1—699, Append. 1—13, Addend. 1—4, 1939.
(Acari on Coleoptera)
- SHAW, S., The entomology of Spurn Peninsula. VII. Coleoptera, Carabidae (Infested with Acari). Naturalist, Lond., **843**, 170—173, 1952.
(Macrocheles tridentatus and *Urodinychus* on *Feronia strenua*)
- SOAR, C. D., & WILLIAMSON, W., British Hydracarina. Proc. R. Soc. Lond., 1925.
(Mites on Dytiscidae)
- TAYLOR, T. H. C., The biological control of an insect in Fiji — an account of the coconut leaf mining beetle and its parasite complex. London, 239 pp., 1937.
(Hosts of *Pediculoides ventricosus* Newport)
- THEODORIDES, J., Contribution à l'étude des parasites et phoretiques de Coleopteres terrestres. Vie et Milieu, Suppl., **4**, 1—310, 1955.
(Acari on Coleoptera)
- TRAGARDH, I., *Diarthrophallina*, a new group of Mesostigmata, found on Passalid beetles. Ent. Medd. København., **24**, 369—394, 1946.
(Diarthrophallus similis n. sp. on *Proculus goryi* Melly; *Brachytremella spinosa* Tragardh on *Protomocerus*)
- , Studies on the Celaenopsidae, Diplogyniidae and Schizogyniidae (Acarina). Ark. Zool., N. S., **1**, 361—451, 1951.
(Acari on passalid beetles)
- VERCAMMEN-GRANDJEAN, P. H., & AUDY, J. R., A revision of *Heaslipia* Ewing with descriptions of new species and subspecies from Africa (Acarina, Trombiculidae). Stud. Inst. med. Res. Kuala Lumpur, **24**, 153—168, 1957.
(Heaslipia gateri africana n. sp. on *Centropus grilli*)

- WOMERSLEY, H., Rediscovery of one of Canestrini's Australian acarids. Trans. R. Soc. S. Austr., **65**, 28–29, 1941.
 (On Coleoptera)
- , Notes on the Chelatidae (Acarina, Trombidoidea) of Australia and New Zealand, with description of new species. Rec. S. Austr. Mus. Adelaide, **7**, 51–64, 1941.
 (*Cheletophanes rugosa* n. sp. on *Calymmaderus*)
- , Malasian parasites. VII. New genera and species, apparently of Apoloniinae (Acarina, Leeuwenhoekidae), from the Asiatic-Pacific region. Stud. Inst. med. Res. F. M. S., **26**, 108–119, 1954.
 (*Cockingsia tenuipes* n. sp. on giant longicorn beetle)
- , On some new Acarina-Mesostigmata from Australia, New Zealand and New Guinea. J. Linn. Soc. Lond., Zool., **42**, 505–599, 1956.
 (*Scarabaspis aspera* n. sp. on *Scarab*; *Ljunghia pulleini* n. sp. on *Selenocosmia stirlingi*; *Coleolaelaps eupatori* n. sp. on *Eupatorus australicus* Arrow; *Coleolaelaps rhopaea* n. sp. on *Rhopaea magnicornis* Blackb.; *C. simplexans* n. sp. on *Scarab pupa*; *Schizolaelaps bolboceras* n. sp. on *Bolboceras* sp.; *S. armstrongi* n. sp. on *Bolboceras propoicidium*; *Brontispalaelaps leveri* n. sp. on *Brontispa froggatti* Sharp)
- , Some additions to the Acarina-Mesostigmata of Australia. Trans. R. Soc. S. Austr., **79**, 104–120, 1956.
 (*Coleolaelaps heteronychus* n. sp. on *Heteronychus sanctae-helenae* Blanch.)

Hymenoptera

- ANDRÉ, M., Acariens commensaux ou parasites des abeilles. Bull. Agriculteur Fontenay-le-Comte, 1–5, 1948 (1949).
 (Acari on and in bees)
- BAKER, E. W., & WHARTON, G. W., An introduction to Acarology. New York, 465 pp., 1952.
 (*Ensliniella odynerus* Vitzthum on larvae of *Odynerus* (*Lionotus*) *delphinalis* Giraud; *Vidia undulata* OUD. on *Prosopis conformis* Forest.)
- BOHART, R. M., The California species of mite-bearing *Stenodynerus* (Hymenoptera, Vespidae). Proc. ent. Soc. Washington, **54**, 38–53, 1952.
 (*Ensliniella* sp. in abdomen of *Stenodynerus*)
- BORCHERT, A., Untersuchungen an der Acarapis-Milbe. Z. Parasitenk., **4**, 331–368, 1932.
 (Acari in bees)
- , Über die Acarapis-Milbe sowie über das Problem ihrer Bekämpfung. Z. Parasitenk., **12**, 86–93, 1940.
 (In tracheae of bees)
- BOUVIER, G., & GASCHEN, H., Sur quelques parasites de diptères piqueurs. Mitt. Schweiz. ent. Ges., **19**, 191–197, 1944.
 (*Parathrombium egregium* Bruyant on *Pompilus pectinipes* (LIND.))
- BRUGGER, A., Zur Kenntnis der äußerlichen Acarapis-Milben. Arch. f. Bienenk., **17**, 113–142, 1936.
 (On bees)
- BURNSIDE, C. E., STURTEVANT, A. P., & E. C. HOLST, Diagnosing bee diseases in the apiary. U. S. Dept. Agric. Washington, Circ. No. 392, 1–31, 1949.
 (*Acarapis woodi* Rennie in bees)
- BUTLER, C. C., A possible new cure for Acarine diseases of honeybee. Nature, London, **148**, 86, 1941.
- COOPER, K. W., Venereal transmission of mites by wasps, and some evolutionary problems arising from the remarkable association of *Ensliniella trisetosa* with the wasp *Ancistrocerus antilope*. Biology of Eumenine wasps. II. Trans. Amer. ent. Soc., **80**, 119–174, 1955 (1955).

- CUMBER, R. A., Humble-bee parasites and commensals found within a thirty mile radius of London. Proc. R. ent. Soc. Lond., (A) **24**, 119–127, 1949.
(Tarsonemus in air sacs of humble bee)
- CURY, R., Acariose das abelhas. O Biológico São Paulo, **10**, 73–77, 1944.
(Acarapis woodi Rennie in bees)
- DIZER, Y. B., Morphology of *Acarapis woodi* Rennie, endoparasite of the bee. Zool. Zh. Moscow, **32**, 626–630, 1953. (In Russian).
(Acarapis woodi Rennie in tracheae of bees)
- EDWARDS, E. E., On Acarine disease of the honey-bee and its eradication. Bee World, **26**, 10–12, 1945.
- YNDDHOVEN, G. L. VAN, Lets over het voorkomen van Mitjen op Houtbijen. Ent. Ber. Gravenhage, **10**, 324–331, 1941.
(Sennertia cerambycina Scopoli and *Dinogamasus* spp. on bees)
- , Massaal voorkomen van *Chaetodactylus osmiae* (Duf. V. 1839) Rondani 1866. Vers. Wetensch. Med., **75**; Winterverg. Ned. ent. Ver., p. XXXVI, 1942.
(On Osmia bicornis (L.) and *O. fronticornis* Latreille)
- , *Sennertia cerambycina* in Nederland (Acar.). Tijdschr. Ent., **95**, p. XXXIV, 1952.
(On Xylocopa violacea L.)
- GLAVARINTI, I., Acari delle Api e dell'Alveare. Atti del Quarto Congresso Nazionale della Sez. Apicolt. Ital., Roma, 1–12, 1935 (1936).
(Acari of bees)
- , Sulla razzi dell'*Acarapis woodi* Ren. Arch. Zool. Torino, **29**, 1–24, 1941.
(On bees)
- GUNTHER, C. E. M., A mite from a beehive on Singapore Island (Acarina, Laelaptidae). Proc. Linn. Soc. N. S. W., **76**, 155–157, 1951.
(In hive of Apis indica F.)
- HOWORTH, H. G., Acarine disease of bees. J. Minist. Agric. Lond., **39**, 833–841, 1932.
- HUST, S., On the mite (*Acarapis woodi* Rennie) associated with Isle of Wight bee disease. Ann. Mag. nat. Hist. Soc., **7**, 509–519, 1921.
- KOESEL, A., Nutztierparasitologie für Tierärzte, Landwirte und Nutztierhalter. I. Protozoologie und Entomologie unter Mitarbeit von HERMANN BOLLOW. Stuttgart, 339 pp., 1950.
(Acarapis woodi Rennie in tracheae of bees)
- LAVOIPIERRE, M., A new Acarine parasite of bees. Nature, London, **158**, 130–131, 1946.
(Pediculochelus raulti Lavoipierre on bees)
- MORGENTHALER, O., Bienenkrankheiten im Jahre 1924. Schweiz. Bienenztg., 1–7, 1925.
(Acarine bee disease)
- , Krankheitenerregende und harmlose Arten der Bienenmilbe *Acarapis*, zugleich ein Beitrag zum Species-Problem. Rev. Suisse Zool. Geneva, **41**, 429–446, 1934.
- , Bienenkrankheiten im Jahre 1935. Schweiz. Bienenztg., **5b** & **6a**, 1–11, 1936.
- , Milben Sorgen. Schweiz. Bienenztg., **4a**, 1–5, 1937.
- MURRISON, G. D., Acarine disease and the muscles of the honeybee. Nature, London, **120**, 259–260, 1927.
- , Notes on the Acarine disease of the honeybee. Bee World, **12**, 40–42, 1931.
- , Observations on the number of mites, *Acarapis woodi* (Rennie) found in the tracheae of the honey bee. Bee World, **12**, 74–76, 1931.
- , An "Acarapis" that dwells on the back of the honeybee. Bee World, **12**, 110–111, 1931.
- , A mite "Acarapis" that dwells on the back of the honeybee. Bee Kingdom Leaflets, **16**, 1–8, 1932.

- ÖRÖSI-PAL, Z., Bau, Entwicklung und Lebensweise des Bienen-Parasiten *Acarapis woodi* (Acarina). Z. Parasitenk., **7**, 233—267, 1934.
- , Neue Untersuchungen über die Ernährung der *Acarapis*-Larven. Berl. Tierärztl. Wschr., **52**, 521—522, 1936.
- , Über den Klebstoff der Milbe *Acarapis woodi* Rennie in den Tracheen der Honigbiene. Z. Parasitenk., **9**, 669—673, 1937.
- , Die *Acarapis*-Milben auf der Honigbiene. Verh. 7. Inter. Kongr. Ent. Berlin, **3**, 1872—1878, 1938 (1939).
- PAILLOT, A., KIRKOV, S., & GRANGER, A. M., L'Abeille-Anatomie. Maladies Ennemis. Trevoux, 188 pp., 1944.
(*Acarapis woodi* Rennie)
- RAYMENT, T., Mites "French moult", and bees. Vict. Nat. Melbourne, **66**, 118—119, 1949.
(*Tyroglyphid* mite on *Saropoda*)
- RENNIE, J., Isle of Wight disease in hive-bees Acarine disease; the organism associated with the disease—*Tarsonemus woodi*, sp. n. Trans. R. Soc. Edinburgh, **52**, 768—779, 1921.
- RENNIE, J., & HARVEY, E. J., Mites on hive bees and on hives. Proc. R. Phys. Soc. Edinburgh, **20**, 268—270, 1923.
- SAMMAN, C., & GATENBY, J. B., Notes on Acarine or Isle of Wight bee disease. Sci. Proc. R. Dublin Soc., **17**, 357—362, 1924.
- SCHNEIDER, H., Untersuchungen über die *Acarapis*-Milben der Honigbiene. Die Flügel- und Hinterleibs-Milbe. Vorläufige Mitteilung. Mitt. Schweiz. ent. Ges., **18**, 318—327, 1941.
(*Acarapis vagans* n. sp. on honey bee)
- SINGH, SARDAR, Acarine disease in the Indian Honey-bee, *Apis indica* F. Indian J. Ent., **18**, 458—459, 1956.
(*Acarapis woodi* Rennie in anterior thoracic tracheae)
- STAMMER, H. J., Eine neue Tracheenmilbe, *Bombacarus buchneri* n. gen., n. sp. (Acari, Podapolipodidae). Zool. Anz., **146**, 137—156, 1951.
(On *Bombus* and *Psithyrus* spp.)
- TÜRK, F. A., Phoretic mites on *Bombus jonellus* Kirby (Hym.). Ent. mon. Mag., **78**, 51, 1942.
(*Gamasus* ssp.)
- VEQUE, N. LE, Two species of *Dinogamasus*, mite found on carpenter bees of the oriental tropics. Amer. Mus. Nov., **432**, 1—6, 1930.
- , Mites of genus *Dinogamasus* (*Dolaea*) found in the abdominal pouch of African bees known as Mesotrichia or Koptothesoma (Xylocopidae). Amer. Mus. Nov., **434**, 1—19, 1930.
- VITZTHUM, Graf H., Eine neue Milbengattung und -art als Parasit von *Odynerus* (*Lionotus*) *delphinalis* Giraud 1866. Dtsch. ent. Ztschr., **4**, 289—305, 1925.
(*Enslinella parasitica* Vitzthum from resting larvæ of *Odynerus* (*Lionotus*) *delphinalis* Giraud)
- , Über den Symphorismus einiger unbekannter Tyroglyphidae Deutonymphen, Z. Parasitenk., **12**, 307—316, 1941.
(On *Xylocopa* and *Myrmica*)
- WOMERSLEY, H., The Anystid mites of Australia. Trans. R. Soc. S. Aust., **66**, 15—22, 1942.
(*Calvolia?* *heterocomus* Michael on *Prosopis* sp.)

Diptera

- ASH, J., & HUGHES, T. E., Further records of the genera *Microlichus* Trouessart & Newmann, and *Myialges* Sergent & Trouessart. Ann. Mag. nat. Hist., (12) **5**, 753—759, 1952.
(Microlichus avus Trouessart & Newman and *M. uncus* Vitzthum, on *Ornithomyia avicularia* L. and *O. fringillina* Curtis)
- BAKER, E. W., & WHARTON, G. W., An introduction to Acarology. New York, 465 pp., 1952.
(Macrocheles muscae (Scopoli) on house-fly; *Pygmephorus americanus* Banks on *Musca domestica* L. and *Stomoxys calcitrans* L.; *Myialges anchora* Sergent & Trouessart on Hippoboscidae)
- BARBIERI, N. A., Les mouches communes vehicles de cochenilles rouges et d'Acariens ou le parasitisme chitinique. Verh. 7. Intern. Kongr. Ent. Berlin, **2**, 1024—1031, 1939.
(On flies)
- BEQUART, J., The Hippoboscidae or louse-flies (Diptera) of mammals and birds. I. Structure, Physiology and Natural History. Ent. Amer., Brooklyn, **32**, 1—209, 1953; **33**, 211—442, 1953.
(Microlichus Myialges and Myialopsis on Hippoboscidae)
- BESSELING, A. J., De levenswijze van *Sperchon setiger* S. Thor. Ent. Ber. Gravenhage, **10**, 143—144, 1939.
(On *Melusina ornatum* Meig.)
- BOUVIER, G., & GASCHEN, H., Sur quelques parasites de diptères piqueurs. Mitt. Schweiz. ent. Ges., **19**, 191—197, 1944.
(Eulaelaps stabularis Koch on *Stomoxys calcitrans* L.)
- COLLART, A., A propos d'un Acarien, *Microlichus uncus* Vitzthum, parasite de l'*Ornithomyia fringillina* Curtis. Bull. Mus. Hist. nat. Belg., **10**, 1—6, 1934.
- DUBININ, V. B., Mites of the subfamily Myialgesinae parasitic on blood-sucking flies and feather lice. Ent. Obozr. Moscow, **31**, 123—131, 1950.
(Myialges oligeri Dubinin on *Ornithomyia chloropus* Bergr.)
- FEIDER, Z., & SUCIU, I., Une nouvelle larve: *Tetrathrombium macronychus* n. sp. (Acarina) parasite sur un Tipulide. An. Sti. Univ. "A. I. Cuza" Iasi N. S., **2**, 63—174, 1956.
(On *Ptychoptera* sp.)
- FENG, L. C., Some parasites of mosquitoes and flies found in China. Lignan Sci. Journ. Canton, **12**, 23—31, 1933.
- FERRIS, G. F., The genus *Myialges* (Acarina: Sarcoptidae). Ent. News, **39**, 137—140, 1928.
(Myialges anchora Sergent & Trouessart on Hippoboscidae)
- FLOCH, H., & ABONNENC, E., Ixodides de la Guyane française le „peu d'agoniti“. Publ. Inst. Pasteur, Guyane, **20**, 1—22, 1942.
(Trombidium muscae on *Musca domestica* L.)
- FURMAN, D. P., & TARSHIS, I. B., Mites of the genera *Myialges* and *Microlichus* (Acarina: Epidermoptidae) from avian and insect hosts. J. Parasitol., **39**, 70—78, 1953.
(Microlichus lophortyx on *Lanchia hirsuta* Hippoboscidae)
- GRAHAM-SMITH, G. S., Observations on the habits and parasites of common flies. Parasitology, **8**, 440—544, 1916.
(Gamasidae and Pseudoscorpionidae on Diptera)
- GRENIER, P., Observations sur quelques stations de Simulies-Parasites et prédateurs des larves et nymphes. Bull. Soc. Path. exot. Paris, **36**, 105—110, 1943.
(Hydrach. larvae on and in cocoons of Simulid nymphs)

- HEGH, E., Les tse-tse. Bruxelles, **1**, 1—742, 1929.
 (Acari on tse-tse flies)
- HIREGAUDAR, L. S., A new species of myialgesid mite parasitic on *Pseudolynchia maura* (Diptera-Hippoboscidae) from India. Proc. 43rd Session Indian Sci. Congr. Assoc., **4**, 29, 1956.
 (*Myialges indica* n. sp.)
- IMAMURA, T., Studies on three water-mites from Hokkaido parasitic on midges. J. Fac. Sci. Hokkaido Univ., Zool., **10**, 274—288, 1951.
 (*Megapus nodipalpis* Thor, *Neumania uchidai* n. sp., *Pionopsis lutescens* HERMANN var. *japonensis* n. var. on midges)
- JOHNSEN, P., Notes on the Danish louseflies (Diptera: Hippoboscidae). Ent. Medd., **25**, 278—297, 1948.
 (*Microlichus uncus* Vitzthum on *Ornithomyia avicularia* L.)
- , Notes on the Danish louseflies (Diptera: Hippoboscidae). Ent. Medd., **35**, 278—297, 1949.
 (*Microlichus avus* Trouessart & Newmann on *Ornithomyia fringillina* Curtis; *M. uncus* Vitzthum on *O. avicularia* L.)
- KEEGAN, H. L., Six new mites of the superfamily Parasitoidea. Trans. Amer. micr. Soc. Menasha, **64**, 69—77, 1946.
 (*Pachyseius insculpta* n. sp. on *Polymeda (S.) cana*)
- LEGERE, L., & MOTAS, C., Biologie d'un Chironomidae. Trav. Lab. Hydrobiol. Grenoble, **20**, 25—42, 1929.
 (Hydrach. on Chironomidae)
- MARSHALL, J. F., & STALEY, J., A new observed reaction of certain species of mosquitoes to the bites of larval Hydrachnids. Parasitology, **21**, 158—160, 1929.
- , Specimens of tubular processes produced in mosquitoes by the bite of larval mites. Trans. Soc. trop. Med. Hyg. London, **23**, 331, 1930.
- MIRA, G., Sulla presenza di forme larvali, di un acaro acquatico parassita, della famiglia degli Hydracnidae, su alcune zanzare del genere Anopheles in A. O. I. Boll. Idrobiol. Africa Orientale Ital., **1**, 29—33, 1940.
 (Larval *Atrax* on *Anopheles*)
- MITRA, R. D., & MITRA, S. D., A new species of *Raphignathus* (Acarina) associated with *Phlebotomus* in India. Z. Parasitenk., **15**, 429—432, 1953.
 (*Raphignathus smithi* n. sp. on *Phlebotomus papatasii* Scopoli)
- MÜNCHBERG, P., Über die bisher bei einigen Nematocerenfamilien (Culicidae, Chironomidae, Tipulidae) beobachteten ektoparasitaren Hydracarinellarven. Z. Morph. Ökol. Tiere, Berlin, **29**, 720—749, 1935.
- , Zur Kenntnis des Larvenparasitismus der Thyasinae (Hydracarina), zugleich ein Beitrag über Schmarotzer der Limnobiinae (Diptera). Int. Rev. Hydrobiol. Leipzig, **33**, 313—326, 1936.
 (Larval Thyasinae on Limnobiinae)
- , Wassermilben-Larven als Stechmücken-Schmarotzer. Mikrokosmos, Stuttgart, **30**, 141—142, 1937.
- , Zur Kenntnis der an Culiciden (Diptera) schmarotzenden *Arrenurus*-Larven (Acarina) sowie über die Bedeutung dieser Parasiten für Wirt und Mensch. Z. Parasitenk., **16**, 298—312, 1954.
- , Über die an Limoniidae und Tipulidae parasitierenden Milbenlarven. Z. Parasitenk., **17**, 330—338, 1956.
- , A parasitic species of *Copidognathus* (Acari: Halacaridae). Proc. Hawaii ent. Soc., **16**, 122—125, 1956.
 (On Simuliidae)
- OUDEMANS, A. C., Description du *Myialges anchora* Sergent & Trouessart 1907 (Acarien). Ann. Parasitol. Paris, **18**, 5—11, 1935.
 (On Hippoboscidae)

- PAVLOV, P., Epizoozia di paralisi da zecche nelle capre in Bulgaria. Riv. Parasitol. Roma, **4**, 227–232, 1940.
 (Trombidium holosericum L. on *Musca domestica* L.)
- PEREIRA, C., & CASTRO, M. P. DE, Contribuico para o conhecimento da especie tipo de „*Machrocheles* Latr“ („Acarina“) „*M. muscae-domesticae* (Scopoli, 1772)“ emend. Arquivos Inst. biol., **16**, 153–186, 1945.
- PERRON, R., Untersuchungen über Bau, Entwicklung und Physiologie der Milbe *Histiostoma laboratorium* Hughes. Acta zool. Stockh., **35**, 71–176, 1954.
 (On Drosophilidae)
- SAMŠÍK, K., Die Milben (Acarini) auf der Fliege *Laphria flava* L. Mem. Soc. Zool. tschechosl., **20**, 353–357, 1956
 (*Bonomoia humprechti* n. sp., *Acaropsis strofi* n. sp. and *Troupeauia laphriæ* n. sp. on larva of *Laphria flava* L.)
- SASAKI, C., *Tyroglyphus muscae* a mite infesting *Sturmia sericariae*, a fly noxious to the silkworm. J. Coll. Agric. Tokyo, **9**, 151–158, 1927.
- SHAPIRO, J. M., SALTERNIK, Z., & BIFERMAN, S., Malaria survey of the Dead Sea area during 1942, including the description of a mosquito flight test and its results. Trans. Soc. trop. Med. Hyg. Lond., **38**, 95–116, 1944.
 (Hydrach. on mosquitoes)
- SMITH, K. G. V., Mites on *Limonia tripunctata* F. (Dipt. Tipulidae). J. Soc. Brit. Ent., **3**, 211–212, 1950
 (*Calyptostoma lynceum* Berlese on *Limonia tripunctata* F.)
- , Acarine larvae on *Limonia tripunctata* F. (Dipt. Tipulidae) and on a species of Chironomidae (Dipt.). Ent. mon. Mag., **87**, 63, 1951.
 (*Johnstoniana* (= *Rohaultia*) *bicingulata* Oudemans and *Calyptostoma* sp. (probably *C. velutinus* Muller) on *Limonia tripunctata* F., *Diplodontus despiciens* Mull. on chironomid)
- , Notes on some Acarine ectoparasites of Diptera. Ent. mon. Mag., **91**, 141, 1955.
- SPEER, A. J., Compendium of the parasites of mosquitoes (Culicidae). Bull. Hyg. Lab. Washington, **146**, 1–36, 1927.
- STOLPE, S. G., The life cycle of the Tyroglyphid mites infesting cultures of *Drosophila melanogaster* Anat. Rec., **72**, Suppl., 133–134, 1938.
- THEODORIDES, J. T., Parasites, phoretiques et prédateurs de Diptères des Pyrénées-Orientales. Vie et Milieu, **5**, 455–456, 1955.
- UCHIDA, T., & MIYAZAKI, I., Life history of a water-mite parasitic on Anopheles. Proc. Imp. Acad. Tokyo, **11**, 73–76, 1935.
 (Hydrach on *Anopheles*)
- VERCAMMEN-GRANDJEAN, P. H., Un genre nouveau *Durenia*, dans la sous-famille des Trombellinae (Trombididae: Acarina). Rev. zool. bot. Africa, **52**, 252–260, 1955.
 (*Durenia bukavuensis* n. sp. on *Culex pipiens* L., *C. bukavuensis* Wolfs and *Aedimorphus quasiunivittatus* Theobald)
- , Un nouveau Trombididae larvaire parasite de divers Culicoides originaires d’Ecosse *Evansiella culicoides* n. g., n. sp. (Acarina). Ann. Mag. nat. Hist., **10**, 283–286, 1956.
- VITZTHUM, Graf H., Über den Parasitismus der *Feltria*-Larven. Z. Parasitenk., **12**, 362–371, 1941.
 (On Chironomidae)
- WEREKOON, A. C. J., Studies on the biology of Loch Almond. I. The Benthos of Auchentullich Bay. Ceylon J. Sci. (C), **7**, 1–94, 1956.
 (Larval mites on *Chironomus* (*Chironomus*) *supplicans* MEIGEN)

WOMERSLEY, H., Additions to the Acarina of Australia (Trombidiidae and Calyptostomidae). Rec. S. Austr. Mus. Adelaide, 7, 169—181, 1942.
(*Thrombidium hemistriatum* n. sp. on fly)

—, Malasian parasites. VII. New genera and species apparently of Apoloniinae (Acarina, Leeuwenhoekiidae), from the Asiatic-Pacific region. Stud. Inst. med. Res. F.M.S., 26, 108—119, 1954.
(*Mackerrasella globus* n. sp. on Dolichopodidae)

Summary

The author presents a concise bibliography containing references on Arachnid parasites and predators of insects.

Zusammenfassung

Es wird eine kurze Bibliographie der Literatur über die Arachnoidea als Parasiten und Räuber bei Insekten vorgelegt.

Резюме

Дается краткая библиография литературы, содержащей данные о *Arachnoidea*, как паразитах и хищниках насекомых.

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Beiträge zur Entomologie = Contributions to Entomology](#)

Jahr/Year: 1963

Band/Volume: [13](#)

Autor(en)/Author(s): Zaka-ur-Rab Md.

Artikel/Article: [Arachnid Parasites and Predators of Insecta: A Bibliography of Literature. 873-889](#)