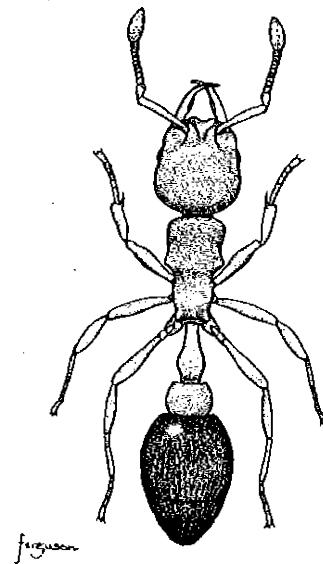


ISRAEL JOURNAL OF ENTOMOLOGY

VOLUME XVII – 1983



THE ENTOMOLOGICAL SOCIETY OF ISRAEL

ISRAEL JOURNAL OF ENTOMOLOGY

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COVER: The wingless male of *Cardiocondyla wroughtoni* (Forel) (Formicidae), originally described as a worker of a different genus, was recently collected in Israel. A revision of the male of *Cardiocondyla* is included in this volume (drawing by Walter Ferguson, Department of Zoology, Tel Aviv University).

Publication date: April 15, 1984

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The papers published in this journal are abstracted and indexed in the REVIEW OF APPLIED ENTOMOLOGY and in ENTOMOLOGY ABSTRACTS.

The Entomological Society of Israel gratefully acknowledges

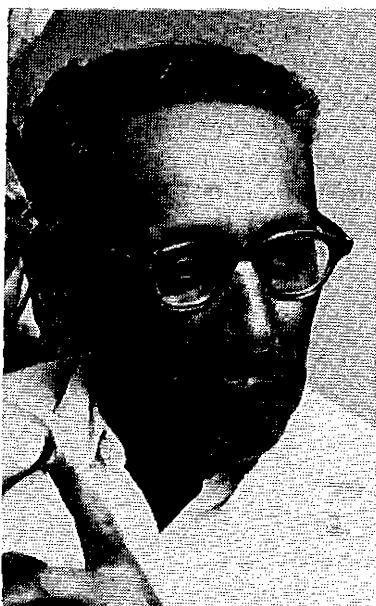
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AND PERSONAL DONATIONS BY MEMBERS OF THE SOCIETY

OBITUARY



PROFESSOR ZVI AVIDOV
1896 — 1984

Professor Zvi Avidov, formerly Head of the Department of Entomology, Faculty of Agriculture, Rehovot and Dean of that Faculty passed away on 16th February 1984.

Zvi Avidov (formerly Henri Zvi Klein) was born in Znin, Germany on November 13, 1896, and received his elementary and secondary education in that country. During the First World War he served in the German army for two years, and later studied at the Blau Weiss Zionist youth movement where he was motivated to emigrate to Israel (then Palestine) in order to personally realize his Zionist aspirations. He arrived on February 20, 1921 and became a farm labourer at the Jewish settlements in the Galilee and Sharon. Two years later he was invited by Professor F.S. Bodenheimer to collaborate with him in studies on various aspects of Agricultural Entomology, a research field which was beginning to develop under the auspices of the Palestine Zionist Executive. Since then, for more than fifty years, Avidov was a leading and active participant in all aspects of Agricultural Entomology in Israel — research, teaching and extension. He first served at the Agricultural Experiment Station of the Palestine Zionist Executive, later at the Department of Entomology, Agricultural Research Organization and since 1958 as Head of the Department of Entomology, Faculty of Agriculture, Rehovot.

In 1949 Avidov initiated, established and directed the meetings of the Entomological Club in Tel Aviv. Fourteen years later this informal club developed into the Entomological Society of Israel. A special issue of the Israel Journal of Entomology (Vol. VI — 1) was issued in 1971 by that Society on the occasion of Avidov's seventy-fifth birthday.

Professor Avidov's publications included about 170 articles and ten books dealing with the biology, ecology and control of plant pests in Israel. A list of his publications was issued on the occasion of his seventy-fifth birthday by the Hebrew University of Jerusalem. His text books on Plant Pests of Israel, in Hebrew (1961) and in English (1969) — are to this day, and will remain for many years to come, the most comprehensive textbooks on this subject in Israel as well as in the Middle East.

In 1977 Professor Avidov was awarded The Israel Prize, the highest honour this country awards scientists, in recognition of his life-long contributions to Agricultural Entomology. The high esteem in which Israeli Agricultural Entomology is held throughout the world is a living memorial to Professor Avidov.

Y. BEN-DOV

LIST OF NEW TAXA
DESCRIBED IN *ISRAEL JOURNAL OF ENTOMOLOGY* VOL. XVII

HOMOPTERA

Pseudococcidae

Peliococcus deserticola Ben-Dov and Gerson 106

PSOCOPTERA

Peripsocidae

Peripsocus yuleki Galil 61

COLEOPTERA

Chrysomelidae

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HYMENOPTERA

Formicidae

Cardiocondyla wroughtoni (Forel), winged male 7

NOTES FOR AUTHORS

Israel Journal of Entomology publishes original contributions in all aspects of Entomology. Authors are entirely responsible for statements, whether of fact or opinion.

MANUSCRIPTS

Manuscripts, in English only, are considered on the understanding that their contents would not be published elsewhere. If a preliminary announcement relating to the contents of the paper has already been published, this must be stated.

Papers should be concisely written. The "Style Manual for Biological Journals" contains much useful guidance. Manuscripts in triplicate must be typed on a regular type writer, doubled spaced, on one side of a page of white quarto paper. The title of the paper should be informative, but preferably not exceed twenty words. An abstract, provided at the beginning of the paper, will indicate the main aspects of the subject, to be followed by 5-7 key words. Words which are to be italicized in print, Latinized genus- and species-group names, should be underlined. No more than three categories of subheadings are allowed; footnotes to text should be kept to a minimum.

SPELLING

Spelling and terminology should be consistent throughout. Scientific names should be followed by the name of the first describer, written out in full. Names of localities in Israel will be given as they are transliterated in the latest issue of "List of settlements, localities and antiquity sites, Survey of Israel, Ministry of Labour". Regions in Israel and nearby areas should follow the "Fauna Palaestina" map (as in Theodor, O. 1975. Fauna Palaestina, Insecta I: Diptera Pupipara. The Israel Academy of Sciences and Humanities, Jerusalem).

TABLES

Tables should be kept to a minimum and must be typed on separate sheets; their approximate position being indicated in the manuscript. The same data should not be given both in tables and graphs.

REFERENCES

1. In the text, reference to the literature should conform to the "name-and-date" system, e.g. — Williams (1929); (Bodenheimer, 1938); Jones and Smith (1950). Unpublished references should cite the author and be followed by either "personal communication", "unpublished" or "in press". Only the latter category will appear in the list of references, together with the title of the periodical to which it was submitted for publication.
2. When reference is made to taxonomic descriptions, or to quoted passages — the relevant page-number(s) should follow the year, e.g. Brown (1939:25).
3. Where three or more authors are concerned, reference is made only to the first, followed by "et al." and the date: Thomson *et al.* (1945).
4. The list of references will be given at the end of the article, according to the following forms, *with the titles of all periodicals unabbreviated*.

Bergman, E.D. 1976. The future of insecticides — a problem of human environment. *Israel Journal of Entomology* 11:5-14.

Taylor, L.R. and J.M.P. Palmer. 1970. Aerial sampling. In: *Aphid Technology*. Edit. H.F. van Emden. Academic Press, London.

Wigglesworth, V.B. 1972. *The Principles of Insect Physiology*. 7th edition. Chapman and Hall, London.

ILLUSTRATIONS

Only high quality photographs and drawings will be accepted. Each figure and photograph should be identified on the back, in pencil, with the author's name and figure number. Photographs should be submitted on glossy paper, not smaller than 6x9 cm. Drawings should be prepared as to allow a maximum of 30-50% reduction.

TAXONOMY

1. Comprehensive treatments of taxa (genera, families, etc.) will receive higher priority over partial treatments. Partial lists of species or faunistic lists, not accompanied by proper keys or references to such keys will receive lower priority.
2. Authors must comply with the requirements of the International Code of Zoological Nomenclature and with the published Opinions of the International Commission.
3. The following abbreviations should be adopted in the text: *n.gen.* — new genus; *n.sp.* — new species; *n. nom.* — new name, used once to introduce a name replacing a junior homonym; *n. comb.* — new combination of names; *n. syn.* — denotes synonymy established for the first time; *n. stat.* — will be used to indicate a new change in rank of a taxon; *nomen nudum*, *nomen dubium* are not abbreviated.
4. In treating the taxonomy of a described taxon, the following form is essential for the beginning of a chapter.

Filippia oleae (Costa, 1832) [Fig. 1]

Coccus oleae Costa, 1832:21; Green, 1868:42 (biology)

Lecanium oleae. Smith, 1892:15 (list); Brown, 1899:20 (description)

Filippia oleae. Fernald, 1903:13 (Catalog); Hall, 1943:50 (hosts list)

The full references to the above citations should be given in the REFERENCES section at the end of the article.

5. New taxa must be distinguished from related taxa.
6. In describing new species, the complete data of the type-series, together with the collection(s) in which it is deposited will be recorded in the original description as follows:

MATERIAL EXAMINED. Holotype ♀, Israel, Jerusalem, 14.V.1956, on *Ficus carica*, G. Levi (BMNH). Paratypes, 2♀♀, same data as holotype, (USNM); 8♀♀, Tel Aviv, 3.V.1962, *Acacia* sp., G. Brown (ZTV).

7. Records of described species will be listed at the end of each relevant chapter in the following form:

MATERIAL EXAMINED: Sinai, Dahab, 13.V.1958, ex. *Phoenix* sp., D. Cohen (1♂, 1♀; BMNH); Israel, Haifa, 20.II.1967, *Pistacia vera*, M. Levi (1♀; ZTV).

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