

Curriculum Vitae of Prof. Mohamed M. Kandeel

Name: Mohamed Mohamed Hassan Mousa Kandeel
Date and Place of Birth: Dec. 22, 1947, Dakahleia, Egypt.
Nationality: Egyptian.
Permanent address: Faculty of Technology & Development (FTD),
Zagazig University.
Telephone: Home: +20552351822 & Mobile: +201226924596
E-MAIL: kandeelmohamed70@gmail.com



ACADEMIC HISTORY:

- B.Sc., Agric., Cairo University, Plant Protection, 1970, with final grad (Very Good).
- M. Sc., Agric. Zoology, Acarology, Cairo University, 1977, (Ecological and biological studies on pyemotid mites).
- Ph. D., Agric. Zoology, Acarology, Cairo University, 1981, (Ecological and biological studies on some tarsonemid mites).

EMPLOYMENTS:

- Professor of Zoology, Faculty of Technology & Development (FTD), Zagazig University.

EXPERIENCE:

- In the field of Acarology and general Zoology and Entomology from 1970 till now.

LANGUAGES:

- Arabic (mother tongue) and English.

COURSES TAUGHT:

- General Zoology.
- Acarology.

- Agricultural pests and their control.
- Silkworms.
- Fish Biology.
- Ecological studies.

SCIENTIFIC ACTIVITY:

- A member of the Entomological Society of Egypt.
- A member of the Zoological Society of Egypt.
- A member of the Society of the wild life and natural resources of Egypt.
- A member of the PL-80 American project 'Integrated control of the scale insects and red spider mites attacking citrus in Egypt'.
- A member of the project of controlling cotton pests in Dakahlia and Damietta Governorate.
- A member at Institute of Efficient Productivity, Zagazig Egypt from 1986 till 2012.
- A member at Faculty of Technology & Development (FTD), Zagazig University, from 2012 till now.
- The editorial secretary of the Journal of Productivity and Development from its establishment at 1993-1996.
- Supervision: The supervisor of 10 Theses (M.Sc. and Ph.D.) in the field of Acarology.

LIST OF STUDENTS THAT COMPLETED THEIR M.Sc. or Ph. D. THESIS UNDER MY SUPERVISION:

- 1) Nabil Ibrahim (M.Sc., 1993, Zagazig University): Studies on some natural enemies associated with the abundant economic insects at Sharkeia Governorate new reclaimed soils.
- 2) Omar Mohamed (M.Sc., 1998, Al-Azhar University): Ecological, biological and taxonomical studies on some phytophagous mites and their predators infesting citrus trees in Sharkeia Governorate.
- 3) Nabil Ibrahim (Ph. D., 2000, Zagazig University): Studies on arthropod species associated with plants growing in and around water streams at Sharkeia Governorate.
- 4) Omar Mohamed (Ph. D., 2004, Al-Azhar University): Ecological and biological studies on some mites associated with field crops in new reclaimed areas at Sharkeia Governorate.

- 5) Hany El-Kawas (Ph. D., 2005, Al-Azhar University): Studies on mites associated with economic insects.
- 6) Iman Abdalla Ali (M. Sc., 2016, Arish University): Some mites inhabiting fruit trees on two districts in North Sinai, Egypt.
- 7) Galal Shaban Saleh Ibrahim (M. Sc., 2017, Zagazig University): Dominant Acari inhabiting some field crops and control trials against a prevailing phytophagous mite in Sharkia Governorate, Egypt.
- 8) Ahmed Samir Abd El-Wahab Abd El-Rahman (M. Sc., 2018, Zagazig University): Common acarofauna associated with biota and pedosphere components at some districts in Sharkia Governorate, Egypt.
- 9) Iman Abdalla Ali (Ph. D., 2022, Arish University): Habits diversity of some acarofauna communicated with biosphere and the abiotic components at opted areas in North Sinai, Egypt.
- 10) Salwa Abd-El-Aziz Abdel El-Haleem (Ph. D., 2022, Zagazig University): Toxicological and biochemical studies on some land snails at Sharkia Governorate, Egypt.
- 11) Maison Medhat (Ph. D., 2022, Arish University): Ecological and biological studies on mites associated with economic insects at El-Arish and Ber El-Abd districts, North Sinai Governorate, Egypt.

LIST OF PUBLICATIONS:

- 1) **ABD-EL-HALEEM, S.A.E.; FARAG, M.F.N.G. AND KANDEEL, M.M.H. (2019).** Incidence and population dynamics of land snails at Sharkia Governorate, Egypt. *Indian Journal of Ecology*, 46(4): 907-912.
- 2) **ABD-EL-HALEEM, S.A.E.; MOHANA, A.H.; FARAG, M.F.N.G.; KANDEEL, M.M.H. AND EL-SHEIKH, A.A. (2021).** The utilization of biochemical indicators to assessing the toxicity of some pesticides baits to the glassy clover snail, *Monacha cartusiana* (Muller). *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 12(1): 118-127.

- 3) **ALI, E.I.; KANDEEL, M.M.H. AND ABD EL-KAREEM, S.M. (2016).** Some mites inhabiting fruit trees on two districts in North Sinai. *Lambret Academic publishing, Germany: 164 pp.*
- 4) **AMIR, M.M. AND KANDEEL, M.M.H. (1988).** Preliminary survey of insects and mites inhabiting lentil plants at Zagazig district, Sharkia Governorate, Egypt. *Zagazig Journal Of Agricultural Research, 15(2): 872-885.*
- 5) **EL-HALAWANY, M.E. AND KANDEEL, M.M.H. (1985).** A new predator of the genus *Amblyseius* in Egypt. (Acari: Gamasida: Phytoseiidae). *Agricultural Research Review, 63(1): 115-119.*
- 6) **EL-HALAWANY, M.E.; KANDEEL, M.M.H. AND ISMAIL, H. M. (1989).** Incidence of mites inhabiting apple and apricot orchards. *Agricultural Research Review, Cairo, 67(1): 103-110.*
- 7) **EL-HALAWANY, M.E.; KANDEEL, M.M.H. AND RAKHA, M.A. (1986).** Mites inhabiting deciduous fruit trees in Egypt. *Agricultural Research Review, 64(1): 115-122.*
- 8) **EL-HALAWANY, M.E. AND KANDEEL, M.M.H. (1981).** Toxicity of Tedion on stages of *Tetranychus arabicus* Attiah. *Agricultural Research Review, 59(1): 59-64.*
- 9) **EL-KADY, M.E.; EL-HALAWANY, M.H. AND KANDEEL, M.M.H. (1982).** Effect of some acaricides and scalecides on mites *Eutetranychus orientalis* (Klein) and *Amblyseius enab* (El-Badry), infesting citrus. *Proceedings 6th International Congress of Acarology, University of Edinburgh, Scotland. (Abstract).*
- 10) **HEKAL, I.H. AND KANDEEL, M.M.H. (1992).** *Bakerdania benesetae*: a new species of mite from Egypt (Acari: Tarsonemina, Pygmephoridae). *Bulletin of The Entomological Society of Egypt, 70: 39-43.*
- 11) **KANDEEL, M.H.; NASSAR, O.A. AND FOULY, A.H. (1994).** Mites inhabiting cultivated mushroom at Zagazig district, Sharkeia province, Egypt. *Journal of Agricultural Sciences, Mansoura University, 19(4): 1523-1531.*
- 12) **KANDEEL, M.H.; NASSAR, O.A. AND FOULY, A.H. (1994).** Occurrence of mites associated with water haycinth, *Eichhornia crassipes*

(Mart.) Solms., in Zagazig region, Sharkeia province, Egypt. *Journal of Agricultural Sciences, Mansoura University*, 19(4): 1519-1522.

- 13) **KANDEEL, M.M.; RAKHA, M.A. AND EL-HALAWANY, M.E. (1986)**. Citrus mites in Egypt. *Agricultural Research Review*, 64(1): 123-127.
- 14) **KANDEEL, M.M.H. (1993)**. Acarofauna of medical importance with special reference to those occurring in Egypt. *First Scientific Symposium, El-Sharkeia Medical Syndicate: 1-11*.
- 15) **KANDEEL, M.M.H. (1993)**. Annotated list and keys to mites occurring in North Sinai, Egypt. *Journal of Productivity and Development*, 1(1): 55-80.
- 16) **KANDEEL, M.M.H. (1993)**. Genus *Aponychus* Rimando with description of a new species from Egypt (Acari: Tetranychidae). *Journal of Productivity and Development*, 1(1): 40-46.
- 17) **KANDEEL, M.M.H. (1993)**. Genus *Brennandania* (Sasa) in Egypt with the description of a new species (Acari: Tarsonemina, Microdispidae). *Journal Productivity and Development*, 1(1): 47-54.
- 18) **KANDEEL, M.M.H. (1993)**. Revision of the family Paratydeidae with the description of *Hexatydeus amabilis* n.sp from Egypt (Acari: Actinedida). *Bulletin of The Entomological Society of Egypt*, 70: 1-9.
- 19) **KANDEEL, M.M.H. AND EL-HALAWANY, M.E. (1982)**. A new predatory mite species, *Typhlodromus kadii* (Acari: Phytoseiidae) in Egypt. *Proceedings Egypt's National Conference of Entomology, Cairo, 1: 463-468*.
- 20) **KANDEEL, M.M.H. AND EL-HALAWANY, M.E. (1984)**. *Amblyseius grassi* n. sp. a new predator from Egypt (Acari: Gamasida, Phytoseiidae). *Agricultural Research Review, Cairo*, 62(1): 297-301.
- 21) **KANDEEL, M.M.H. AND EL-HALAWANY, M.E. (1985)**. A new predatory mite species, *Typhlodromus kadii* (Acarina: Phytoseiidae) in Egypt. *Proceedings of Egypt's National Conference on Entomology, December 1982, Egypt, 1: 463-468*.

- 22) **KANDEEL, M.M.H. AND EL-HALAWANY, M.E. (1986).** A new mite species, *Amblyseius aegyptocitri* n. sp. (Acari: Phytoseiidae) in Egypt. *Bulletin de la Societe Entomologique d’Egypte*, 66: 1-4.
- 23) **KANDEEL, M.M.H. AND HODA, F. M. (1984).** First record of family Paratydeidae from Egypt with the description of a new species (Acari: Actinedida). *Agricultural Research Review, Cairo*, 62(1): 311-316.
- 24) **KANDEEL, M.M.H. AND MOHANA, A.H. (1991).** Field trials to evaluate some acaricides against citrus rust mite, *Phyllocoptruta oleivora* (Ashmead) and their safety margin on the predatory mite, *Amblyseius swirskii* Athias-Hneriot. *Journal of Agricultural Sciences, Mansoura University*, 16(9): 2170-2173.
- 25) **KANDEEL, M.M.H. AND NASSAR, O.A. (1982).** *Acarophenax aegypticus* n. sp., a new parasite associated with the confused flour beetle, *Tribolium confusum* Duvall in Egypt (Acari: Tarsonemidae). *Proceedings of Egypt’s National Conference of Entomology, Cairo*, 2: 921-925.
- 26) **KANDEEL, M.M.H. AND NASSAR, O.A. (1982).** First record of genus *Eutetranychus* Oud. from Egypt with the description of *E. citri* n. sp. and a key to the African species (Acari: Tetranychidae). *Proceedings of Egypt’s National Conference of Entomology, Cairo*, 1: 469-474.
- 27) **KANDEEL, M.M.H. AND NASSAR, O.A. (1983)** A new species of genus *Siteroptes* Amerling from Egypt, (Acari: Tarsonemidae, Siteroptidae). *Journal of Agricultural Sciences, Mansoura University*, 8(4): 940 - 942.
- 28) **KANDEEL, M.M.H. AND NASSAR, O.A. (1983)** First record of genus *Exothorhis* Summers in Egypt with description of a new species and a key to the world known species (Acari: Eupalopsellidae). *Journal of Agricultural Sciences, Mansoura University*, 8(4): 943 –945.
- 29) **KANDEEL, M.M.H. AND NASSAR, O.A. (1985).** Mites inhibiting apricot trees in Egypt. *Journal of Agricultural Sciences, Mansoura University*, 10(2): 613-617.
- 30) **KANDEEL, M.M.H. AND NASSAR, O.A. (1986).** Field observations on the predatory mites of citrus pests along with a key to the Egyptian species (Acari). *Bulletin de la Société Entomologique d’Egypte*, 66: 169–176.

- 31) **KANDEEL, M.M.H. AND NASSAR, O.A. (1986).** *Tarsonemus zaheri* n.sp., a new acarofauna in Egypt (Acari: Tarsonemidae). *Journal of Agricultural Sciences, Mansoura University*, 11(3): 1252-1253.
- 32) **KANDEEL, M.M.H. AND NASSAR, O.A. (1987).** *Daidalotarsonemus attiahi* n. sp., a new tarsonemid mite from Egypt and a key to the world known species (Acari: Tarsonemina, Tarsonemidae). *Mansoura University, Conference of Agricultural Sciences on food deficiency overcoming through autonomous efforts in Egypt*, 1: 126-129.
- 33) **KANDEEL, M.M.H. AND NASSAR, O.A. (1988).** Description and biology of the new fungivorous mite *Tarsonemus oospori* n. sp. from Egypt (Acari: Tarsonemidae). *Zagazig Journal of Agricultural Research*, 15(1): 723-737.
- 34) **KANDEEL, M.M.H. AND NASSAR, O.A. (1993).** Genus *Acarophenax* Newstead & Duvall with description of a new species from Egypt (Acari: Tarsonemidae, Acarophenacidae). *Journal of Productivity and Development*, 1(2): 194-200.
- 35) **KANDEEL, M.M.H. AND OMAR, N.A. (2004).** Life history of *Chinotetranychus aegyptiacus* n.sp. (Acari: Tetranychidae) with description of its developmental stages. *Journal of Productivity and Development*, 9(1): 109-118.
- 36) **KANDEEL, M.M.H. AND TAHA, H.A.A. (1994).** Two new species of mites associated with stored products (Acari: Actinedida, Cheyletidae). *Journal of Productivity and Development*, 2(1): 31-37.
- 37) **KANDEEL, M.M.H., EL-ZOHAIRY, M.M., AAMIR, M.M.I. AND IBRAHIM, N.A. (1993).** Two new species of parasitic Acari with a key to the world known species (Tarsonemidae: Podapolipidae). *Journal of Productivity and Development*, 1(2): 201-211.
- 38) **KANDEEL, M.M.H.; AAMIR, M.M.I.; EL-ZOHAIRY, M.M. AND IBRAHIM, N.A. (1994).** Mites as natural enemies of economic insects in new reclaimed soils at Sharkeia province, Egypt. *Egyptian Journal of Applied Sciences*, 9(5): 559-569.
- 39) **KANDEEL, M.M.H.; AAMIR, M.M.I.; EL-ZOHAIRY, M.M. AND IBRAHIM, N.A. (1994).** A biological study on the predatory mite,

Agistemus exsertus Gonzalez on two insect preys (Acari, Actinedida, Stigmaeidae). *Egyptian Journal of Applied Sciences*, 9(5): 570-580.

- 40) **KANDEEL, M.M.H.; EL-NAGGAR, M.E. AND EL-KAWAS, H.M.G. (2007)**. A new oribatid mite (Acari: Brachychthoniidae) from Egypt. *Egyptian Journal of Agricultural Research*, 85(6): 2097 -2101.
- 41) **KANDEEL, M.M.H.; EL-NAGGAR, M.E. AND EL-KAWAS, H.M.G. (2007)**. A new species of genus *Ctenoglyphus* Berlese (Acari: Glycyphagidae), from Egypt. *Egyptian Journal of Agricultural Research*, 85(6): 2091-2096.
- 42) **KANDEEL, M.M.H.; EL-NAGGAR, M.E. AND EL-KAWAS, H.M.G. (2007)**: A new oribatid mite (Acari: Brachychthoniidae) from Egypt. *Egyptian Journal of Agricultural Research*, 85(6): 2097- 2101.
- 43) **KANDEEL, M.M.H.; EL-NAGGAR, M.E. AND MOHAMED, O.M.O. (2007)**. A new species of *Petrobia* Murray from wheat and other crop plants in Egypt (Acari-Tetranychidae). *Egyptian Journal of Agricultural Research*, 85(3): 885-892.
- 44) **KANDEEL, M.M.H.; EL-NAGGAR, M.E.; ABDEL WAHAB, A.E. AND EL-KAWAS, H.M.G. (2007)**. Incidence of mites associated with insects in Sharkia Governorate, Egypt. *Egyptian Journal of Agricultural Research*, 85(2): 427- 439.
- 45) **KANDEEL, M.M.H.; EL-NAGGAR, M.E.; METWALLY, A.M. AND MOHAMED, O.M.O. (2007)**. Biology of *Petrobia tritici* Kandeel, El-Naggar and Mohamed with description of its developmental stages (Acari: Tetranychidae). *Egyptian Journal of Agricultural Research*, 85(6): 2113-2120.
- 46) **KANDEEL, M.M.H.; EL-NAGGAR, M.E.; METWALLY, A.M. AND MOHAMED, O.M.O. (2007)**. Biology of *Brevinychus agyptiacus* Kandeel, Metwally & Mohamed with description of developmental stages (Acari-Tetranychidae). *Egyptian Journal of Agricultural Research*, 85(6): 2103-2111.
- 47) **KANDEEL, M.M.H.; EL-ZOHAIRY, M.M.; AMIR, M.M.E. AND IBRAHIM, N.A. (1993)**. Two new species of parasitic Acari with a key to the world know species (Tarsonemida, Podapolipidae). *Journal of Productivity and Development*, 1(2): 201-211.

- 48) **KANDEEL, M.M.H.; METWALLY, A.M. AND MOHAMED, O.M.O. (2007).** First record of genus *Brevinychus* Meyer from Egypt with description of a new species. (Acari-Tetranychidae). *Egyptian Journal of Agricultural Research*, 85(3): 893-898.
- 49) **KANDEEL, M.M.H.; NASSAR, O.A. AND EL-HALAWANY, M.E. (1986).** Morphological observation on *Bryobia cristata* (Duges) inhibiting some plants and effectiveness of some pesticides against it (Acari: Tetranychidae). *Proceeding of the VII International Conference of Acarology*, 3 – 9 August, Bangalore, India, II: 73-75.
- 50) **KANDEEL, M.M.H.; NASSAR, O.A. AND EL-HALAWANY, M.E. (1989).** Morphological observations on *Bryobia cristata* (Acari: Tetranychidae) inhabiting some plants and effectiveness of some pesticides against it. *Progress in Acarology*, 2: 43-45.
- 51) **KANDEEL, M.M.H.; NASSAR, O.A. AND FOULY, A.H. (1994).** A biological study on the predatory mite, *Amblyseius swirskii* Athias-Henriot on two insect preys (Acari, Gamasida, Phytoseiidae). *Egyptian Journal of Applied Sciences*, 9: 581-592.
- 52) **KANDEEL, M.M.H.; NASSAR, O.A. AND FOULY, A.H. (1994).** Occurrence of mites associated with water hyacinth, *Eichhornia crassipes* (Mart.) Solms., in Zagazig region, Sharkeia Province, Egypt. *Journal of Agricultural Sciences, Mansoura University*, 19(4): 1519-1522.
- 53) **METWALI, S.H. AND KANDEEL, M.M.H. (1988).** *Scutacarus quadrangularis mahunkai*, new subspecies (Acari: Scutacaridae) from Giza region. *Proceedings of Zoological Society of Egypt*, 12: 1-5.
- 54) **MOHAMED, M.; HODA, F.M.; ABDEL-NABY; EL-BEHERY AND KANDEEL, M.M.H. (1984).** Response of the populations of *Tetranychus cucurbitacearum* (Sayed) to some agricultural practices on soybean plants. *Minia Journal of Agricultural Research and Development*, 6(4): 555-562.
- 55) **MOHANA, A.H.; KANDEEL, M.M.H.; ELEAWA, M.M. AND SALEAH, G.S. (2016).** Efficiency of buprolord as insect growth regulators (IGR) alone and a mixture of *Ipomoea carnea* Jacq. extract against spider mite *Tetranychus urticae* Koch (Acari: Tetranychidae). *Journal of Productivity and Development*, 21(2): 129-137.

- 56) **NASSAR, M.E.; EL-HALAWANY M.E AND KANDEEL, M.M.H. (1982):** Influence of certain acaricides on *Tetranychus urticae* Koch under laboratory and field conditions. *Agricultural Research Review, Cairo, 60(1): 275-280.*
- 57) **NASSAR, O.A. AND KANDEEL, M.M.H. (1982).** Laboratory trials on the effectiveness of some pesticides against *Eutetranychus annecki* Meyer and its predator *Stethorus pauperculus* Weise. *Proceedings of Egypt's National Conference of Entomology, Cairo, 2: 841-848.*
- 58) **NASSAR, O.A. AND KANDEEL, M.M.H. (1983).** A new species of genus *Brevipalpus* Donnadieu in Egypt, with a key to the Egyptian species (Acari: Tenuipalpidae). *Proceedings of the III. Egyptian Hungarian Conferences of plant protection, Budapest. (Abstract).*
- 59) **NASSAR, O.A. AND KANDEEL, M.M.H. (1983).** Description of a new species of the genus *Phytoseius* Ribaga from Egypt (Acari: Phytoseiidae). *Journal of Agricultural Sciences, Mansoura University, 8(4) 1041- 1044.*
- 60) **NASSAR, O.A. AND KANDEEL, M.M.H. (1987).** A new species and a new record of genus *Raphygnathus* Duges from Egypt (Acari: Raphignathidae). *Journal of Agricultural Sciences, Mansoura University, 12 (4): 1358-1362.*
- 61) **NASSAR, O.A. AND KANDEEL, M.M.H. (1987).** Revision of the genus *Phytoseius* Ribaga in Egypt with the description of a new species (Acari: Phytoseiidae). *Journal of Agricultural Sciences, Mansoura University, 12 (4) 1019-1025.*
- 62) **NASSAR, O.A. AND KANDEEL, M.M.H. (1988).** *Pulaeus punctatus*: a new cunaxid mite from Zagazig region, Egypt (Actinedida: Cunaxidae). *Journal of Agricultural Sciences, Mansoura University, 13(1): 339-342.*
- 63) **NASSAR, O.A.; KANDEEL, M.M.H. AND METWALI, S.H. (1986).** Biological and morphological studies on the predatory mite, *Acaropsellina sollers* (Rohdendorf), preying on different stages of spider mites (Acari: Cheyletidae). *Bulletin of The Entomological Society of Egypt, 66: 177-187.*
- 64) **NASSAR, O.A.; KANDEEL, M.M.H. AND METWALI, S.H. (1987).** *Eupalopsellus olearius* Zaher and Gommaa as a natural enemy of the black scale insect, *Chrysomphalus aonidum* (L.). *Mansoura University,*

Conference of Agricultural Sciences on food deficiency overcoming through autonomous efforts in Egypt, 1: 130-132.

- 65) **NASSAR, O.A.E. AND KANDEEL, M.M.H. (1986).** Biological and morphological studies on the predatory mite *Acaropsellina sollers* (Rohdendorf), preying on different stages of spider mites (Acari: Cheyletidae). *Bulletin de la Societe Entomologique d’Egypte*, 66: 177-187.
- 66) **RAKHA, M.A. AND KANDEEL, M.M.H. (1983).** *Acarophenax meropsi* n. sp. from the European bee eater, *Merops apiaster* in Egypt (Acari, Tarsonemida). *Acarologia*, 24(3): 295-297.
- 67) **SHOUKRY, I.F.I.; KANDEEL, M.M.H. AND EL-BASHIER, Z. (1990).** Incidence of acarofauna in the house dust in Sharqiya Governorate, Egypt. *Bulletin of The Entomological Society of Egypt*, 69: 183-195.