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Research Interests	Plant protection in general, the diagnosis of pests palm particular, the red palm weevil pests of fruits and methods of control it, as well as interest in reducing the misuse of pesticides, biological control.

Qualification:

B.Sc.	Faculty of Agriculture, Zigzag University, 1993
M.Sc	Faculty of Agriculture, Zigzag University, 2000
Title:	<i>“Studies on the red palm weevil”</i>
Ph.D.	Faculty of Agriculture, Ain - Shams University, 2005
Title:	<i>"Integrated management for controlling red palm weevil"</i>
Present Occupation	Prof Dr. in Wood Borers and termite Dept. and Director for Dr. Yousry El-Sebay lab. of red palm weevil researches. Plant Protection Research Institute, National consult in integrated pest management / disease and RPW control. Project TCP/EGY/3603 Dates Value Chain Development in Egypt (FAO)

Job	Date	Dep.
Researcher Assistant	11/8/2002	
Researcher	8/7/2005	Wood Borers & Termite
Associate Prof. (Senior Res.)	5/12/2010	Wood Borers & Termite
Professor (Head Researcher)	23/3/2016	Wood Borers & Termite
Director for Dr. Yousry El-Sebay lab. of red palm weevil researches. Plant Protection Research Institute	10/9/2008-	Plant Protection Research Institute
National consult in integrated pest management / disease and RPW control. Project TCP/EGY/3603 Dates Value Chain Development in Egypt (FAO)	2017-2019	FAO

Posts and activities:

No	Posts and activities:
1	EXPERTS CONSULTATION MEETIN ON RED PALM WEEVIL MANAGEMENT Cairo, Egypt 19-22 December, 2016 (Proposed Multi-disciplinary and Multi-regional Strategy for the Management of Red Palm Weevil) This Document is prepared by the RPW Expert Team with support of FAO, CIHEAM and NEPPO Technical Officers
2	National consult Project TCP/EGY/3603 Dates Value Chain Development in

	Egypt (Pests and diseases palm) FAO Egypt
3	Participation in the project Fp7 Strategies for the eradication and containment of the invasive pests <i>Rhynchophorus ferrugineus</i> Olivier and
4	<i>Paysandisia archon</i> Burmeister (2012-2014) Participation in project Date palm in Siwa ,New Vally and Bahurea 2017 and 2018
5	Participated as lecturer in training sessions of the FAO as well as the European Union to control the red palm weevil.
6	The chief supervisor of the research project for evaluation of various Pesticides against termite and Red palm weevil.(2007 until now)
7	Participation in the project of the French control of termite in Aswan
8	Participation in training sessions for the palm weevil control in Egypt
9	Participated in controlling wood borers and termite monumental and Government's mansions
10	The work of a number of guidelines and bulletins of Manuel red palm weevil Palm Food and Agriculture Organization FAO
11	Participated in the work of an international book on palm trees with foreign researchers from different universities in Europe entitled Handbook of Major Palm Pests

Travels

Country	Purpose
France 2013	Attend the second meeting of the project Fp7 Strategies for the eradication and containment of the invasive pests <i>Rhynchophorus ferrugineus</i> Olivier and <i>Paysandisia archon</i> Burmeister countries to the Mediterranean Sea

Bahrain 2014	Explore the situation the red palm weevil
Italia 2014	Attend the third meeting of the project Fp7 Strategies for the eradication and containment of the invasive pests <i>Rhynchophorus ferrugineus</i> Olivier and <i>Paysandisia archon</i> Burmeister countries to the Mediterranean Sea
Spain 2014	Attend the final meeting of the project Fp7 Strategies for the eradication and containment of the invasive pests <i>Rhynchophorus ferrugineus</i> Olivier and <i>Paysandisia archon</i> Burmeister countries to the Mediterranean Sea
Saudi Arabia 2015	participating in an international workshop on the red palm weevil as an expert in the field of control red palm weevil
Saudi Arabia 2016	The Qassim Conference of date palm
Italy 2017	Scientific Consultation and High-Level Meeting on Red Palm Weevil Management Rome, 29-31 March, 2017
Bahrain 2018	Advisory mission to evaluate the red palm weevil project through the Arab Organization for Agricultural Development

Scientific supervision

supervision	Adders	University	
Doctor	The role of natural enemies in the fight against red palm weevil	Mansoura	2008-2014
Doctor	Studies on the red palm weevil	Zigzag	2011-2015
Doctor	Studies on some of the ways to combat red palm weevil	Al-Azhar	2014-
M.Sc	Studies on mites associated with palm trees	Suez Canal	2012-
M.Sc	Studies on red palm weevil by using aggregation pheromone	Tanta	2014-

Doctor	Integrated management for controlling red palm weevil	Manfiya	2014-
Doctor	Studies on the terminte	Zigzag	2015

List of Publications

1-El Sebay, Y.M ;**M.K .Abbas** and T.M .Makhlouf(2005): Laboratory rearing of red palm weevil *Rhynchophorus ferrugineus* Oliv) .Coleoptera ; Curculionidae (on artificial diet .Egyptian J .Agric.Res .81(2) 551-554 .

2- El Sebay,Y.; **Abbas, M.K** and T.M. Makhlouf (2004): Evaluation of sound detector in early detection of red palm weevil *Rhynchophorus ferrugineus* Oliv. (Coleoptera; Curculionidae) in Egypt. J.Adv. Agric. Res., 9(3):655-660.

3-**Abbas ,M.K**;. M.I .Abdel-Megeed ;G.B. El-Saadany and Y. El-sebay (2005) Efficiency of insecticides against red palm weevil. Res. Bull ,.Ain-Shams Univ,. Vol.1:1-11

4-El-Saadany, G.B., Abdel-Megeed, M.I ., El-Sebay, Y. and **Kamal, M.** (In press) Food suitability for the red palm weevil, *Rhynchophorus ferrugineus* (Oliv.). The Fourth Symposium on Date Palm, King Faisal University, Saudia, Arabia, 20-22 Feb. 2007.

5-El-Saadany, G.B., Abdel-Megeed, M.I ., El-Sebay, Y. and **Kamal, M.** Host – plant preference evaluated through life table parameters for the red palm weevil, *Rhynchophorus ferrugineus* (Oliv.). The Fourth Symposium on

Date Palm, King Faisal University, Saudia, Arabia, 20-22 Feb. 2007 (1298-1304).

6-El-Saadany, G.B., Abdel-Megeed, M.I ., El-Sebay, Y. and **Kamal, M.** The estimated number and duration of the red palm weevil, *Rhynchophorus ferrugineus* (Oliv.). The Fourth Symposium on Date Palm, King Faisal University, Saudia, Arabia, 20-22 Feb. 2007 (1221-1231).

7-El-Saadany, G.B., Abdel-Megeed, M.I ., El-Sebay, Y. and **Kamal, M.** (In press) Accumulated thermal units based on degree-days, daily mean temperature and physiological zero for the red palm weevil, *Rhynchophorus ferrugineus* (Oliv.). The Fourth Symposium on Date Palm, King Faisal University, Saudia, Arabia, 20-22 Feb. 2007 (1535-1543).

8- Sebay Y. and **M.K.; Abbas**,(2007):Ecological studies on subterranean termite *Psammotermes hypostoma* (Desn.)At Aswan Governorate .Minufiya J. Agric. Res. Vol.32 No. 5: 1523-15341

9-El-Sebay, Y. and **M.K. Abbas** (2008): Residue analysis of date palm fruits due to injection against red palm weevil in Egypt. The 4th International Conference .using modern Bio-Technology for facing Environmental changes to Achieve Sustainable Agriculture Development (Egypt. J. Agric. Res., Egypt, 86 (1a):119-203

10-Sebay, Y. and **M.K. Abbas** (2008): Evaluation of high-pressure technique against red palm weevil *Rhynchoporus ferrugineus*. The 4th International Conf. Conference .using modern Bio-Technology for facing Environmental changes to Achieve Sustainable Agriculture Development (Egypt. J. Agric. Res., Egypt, 86 (1a).215-223

11- EL –Bassiouny A.R; **M K. Abbas**; N. N.Abdel –Malaki and A.A Mosa (2009) Study on the effect of soil type on subterranean termite Distribution

with special reference to the soil properties occurred to termite activity
Egypt. J. of Applied Sciences Vol.24 No (10B) October.661-67

12- **Abbas M. K.** - and A. R El-Bassiouny (2010) Evaluation of certain natural and insecticides compounds against red palm weevil *Rhynchophorus ferrugineus* (Oliv.). under laboratory and field conditions. Minufiya J. Agric. Res. Vol.35 No. 3: 1101-1110

13- EL _Sebay, y., M.K.EL _Akkad, **M.K.Abbas** and A.R.EL Bassiony (2010) :Revision and illustrate identification keys to soldier and winged adult termites Order :Isoptera of Egypt Egypt. J. Agric. Res., Egypt,.

14-EL _Sebay, y., **M.K. Abbas** and M. M. El –Shezly (2010): Seasonal abundance and population trends of red palm weevil, *Rhynchophorus ferrugineus* OLiver (ColeopteraL: Curculionidae). J. Plant Protection and Pathology, Mansoura University, Vol.1 (8): 577 - 583, 2010

15-**Abbas,M.K.** and Abir, S. Al- Nasser (2012): Ecological studies and evaluation of some aggregation pheromone types with measuring the potential of female reproductive system in red palm weevil, *Rhynchophorus ferrugineus* (Olivier). Nat Sci 2012; 10(12):188-193]. (ISSN: 1545-0740).

16- Olfat EL-Sayad Arafa, EL-Zohairy, M.M., M.A.EL-Deeb and **M.K.A. Abbas** (2013) :Effect of Red Palm Weevil *Rhynchophorus ferrugineus* (Coleoptera:Curculionidae) Aggregation Pheromone Traps design and height traps the Number of Capturing Weevils in Egypt J. Faculty Agric Zag. Univ.Vol 40 No,(3) 581-588

17- **ABBAS M.K.** and EL SEBAY, M.Y (2013) :Studies on sugarcane susceptibility for infestation with red palm weevil, *Rhynchophorus ferrugineus* OLiver (ColeopteraL: Curculionidae). Proceedings of the Palm Pest Mediterranean Conference, AFPP - Nice, France, January 16-18, 2013, pp. 373-378.

18-**ABBAS M.K.** (2013): Evaluation methods for red palm weevil, *Rhynchophorus ferrugineus* Oliver (Coleoptera: Curculionidae). IN EGYPT during (1992-2010) Proceedings of the Palm Pest Mediterranean Conference, AFPP - Nice, France, January 16-18, 2013, pp. 369-386.

19- **ABBAS M.K** and Tamer, M. Ibrahim. (2013) Evaluation of Different Aggregation Pheromones Technique Used For Trapping Red Palm Weevil *Rhynchophorus ferrugineus* Journal of Applied Sciences Research, 9(8): 5223-5228

20-Saleh, A., Abd-Elhady .A.A, **M.K.Abbas** and M.M.Elbarbary (2013) Role of natural enemies and control Red Palm Weevil *Rhynchophorus ferrugineus* at Dakahlia Governorate Egypt. J. plant prot. and Path., Mansoura

21-Didier Rochat¹, **Mohamed kamal abbass**⁵, Laurence Beaudoin -Olliver⁷, Stefano Colazza², Óscar Dembillo³, Brigitte Freroti¹, Rachid Hamidi¹, Nunzio Isidoro⁴, Josep Jacas³, Filitsak Aramouna⁶, Dimitris Kontodimas⁶, Paola Riolo⁴, Victoria⁸ Elisabeth Tabone⁹ (2014) Ecology and biology of the red palm weevil, *Rhynchophorus ferrugineus*, and the palm borer moth, *Paysandisia archon*, under Mediterranean climate with focus on the relationships to the host plants and on the development cycles. Palm protect strategies for the eradication and containment of the invasive pests *Rhynchophorus ferrugineus* Olivier and *Paysandisia archon* Burmeister Fp⁷

22Hussein. A.M, A.E.Hatem, **M.K.Abbas**, Ghada E. Abdall, K.E.Rady, Salwa S.M.Abdel-Samed and M.A.Eweis (2015) : Effect of magnetic field on metabolism and enzyme activity in some harmful insects .Minufiya J. Agric. Res. vol.40 No. 4(1) :999-1000

23-**Abbass K.M.** and Maselleum I.T (2015) : Comparative efficiency of different shapes and materials of traps for subterranean harvester termites

Ancanthotermes ochraceus (BURM) at Ismailia Governorate ,Egypt Fayoum
J.Agric,Res.and Dev., Vol.29,No.2,July ,2014

24-El-Deeb, M.A., M.M. El-Zohairy **M.K.A. Abbas** Tarek. R.Amin and
Olfat E. Arafa (2015 El-Deeb, M.A., M.M. El-Zohairy M.K.A. Abbas Tarek.
R.Amin and Olfat E. Arafa (2015): Chemical components and susceptibility
of date palm tree varieties to infestation with red palm weevil,
Rhynchophorus ferrugineus (OLIVIER) J. Plant Protection and Pathology,
Mansoura University, Vol.6 (9): 1257-1266

25- **Abbass K.M** and Ezz, G.Gadalla (2015): Effect of some agricultural
operations on the level of infestation with red palm weevil *Rhynchophorus*
ferrugineus (Olivier) in date J. Plant Protection and Pathology, Mansoura
University, Vol.6 (9): 1267-1272

26-El-Seaby, Y.; **M.K. Abdel-Lattef** and T.M. Makhoul (2004): Evaluation
of some insecticides against red palm weevil *Rhynchophorus ferrugineus*
Olv. (Coleoptera; Curculionidae) in Egypt. Egyptian J. Agric.Res

27-Abdelrahman Monzer M., **Mohamed K. Abbas**, Ahmed M. Abdel-
Ghany and Hesham A. Srouf (2015): Sexual dimorphism in cuticular
hydrocarbons of the Red Palm Weevil, *Rhynchophorus ferrugineus* in
relation to mate choice Egyptian J. of Biological control , J. Faculty Agric
Zag. Univ.Vol 44 No,(3) 581-588

28 - Vacas, Sandra; Melita, Ourania; Michaelakis, Antonios; Milonas,
Panagiotis; Minuz, Roxana; Riolo, Paola; **Abbass, Mohamed**; Lo Bue,
Paolo; Colazza, Stefano; Peri, Ezio; Soroker, Vicki; Livne, Yaara; Primo,
Jaime; Navarro-Llopis, Vicente (2016): Optimized lures for Red Palm
Weevil trapping systems: aggregation pheromone and synthetic kairomone
Pest Management Science Volume 73,Issue 1 223-231 January 2017

29- El-Kady, G.A ; Salman, T.A. **Abbas, M.K.** and El- Sharabasy, H.M. (2016) Abundance and Diversity of Mites (Acari) Associated with The Red Palm Weevil, *Rhynchophorus ferrugineus* (Oliver) in Ismailia Governorate, Egypt Egyptian J. Agric.Res in press

30- El-Kady, G.A ; Salman, T.A. **Abbas, M.K.** and El- Sharabasy, H.M. (2016) Incidence and Distription of Mites (Acari) on with Date Palm Trees at Ismailia Governorate, Egypt. Egypt Egyptian J. Agric.Res in press

31-El- Banna , A. , **Abbas, M .k.** , Hala, A . And Ibrhium, T.M. (2017) Efficiency of Food Baits, Synthetic Attractants and Trap Type on *Rhynchophorus ferrugineus* (Olivier) Trapping in Palm Plantations- Ismailia, Egypt- by Aggregation Pheromone Traps Egyptian Academic Journal of Biological Sciences A. Entomology 10(7): 253–262 (2017)

32-**Abbas, M.k.** , El-Sheikh, M.F. and Hussein, KH.M.A.(2018): MEASURE OF SURVIVORSHIP CAPACITY AND FECUNDITY UNDER DIFFERENT TEMPERATURES OF RED PALM WEEVIL, *RHYNCHOPHORUS FERRUGINEUS* Egypt. J. Plant Pro. Res. 6 (2): 10-20 (2018)