

أولاً : المراجع العربية

- عبد العزيز المنشاوى وعصمت حجازى (٢٠١٣). الآفات الحشرية والآفات الحيوانية الأخرى ومكافحتها. مكتبة المعارف الحديثة.
- عصمت حجازى و محمد البارونى (١٩٩٢). المكافحة البيولوجية. I الحشرات الأكلة للحشرات. قاريونس للمطبوعات.
- محمد البارونى و عصمت حجازى (١٩٩٢). المكافحة: بيولوجية II أمراض الحشرات قاريونس للمطبوعات.
- عصمت محمد حجازى (٢٠٠٢). الإدارة المتكاملة للآفات - الطريق إلى بيئة نظيفة وغذاء آمن. مكتبة المعارف الحديثة.

ثانياً : المراجع الأجنبية :

- Abdel-Kawy, A.G.M., M.H. El-Bishry, and T.A.H. El-Kifi. 1992. Controlling the leopard moth borer, *Zeuzera pyrina* by three entomopathogenic nematode species in the field. Faculty of Agric Bull, Univ of Cairo 43:769-780.
- Aramborg, Y. 1983. In R Cavalloro and A Piavaux, eds CEC programme on integrated and biological control. P 103-110, Progress Report 1979/1981, Brussels-Luxembourg, pp 347.
- Athanassiou, C.G., N.G. Kavallieratos, and B.E. Mazomenos, 2004. Effect of trap, trap color, trapping location and pheromone dispenser on captures of male *Palpita unionalis*. J. Econ. Entomol. 97 : 321-329.
- Audemard, H., B. Sauphanor, and Armand E. 1997. Confusion sexuelle des males de *Aeuzera pyrina* L. (Lepidoptera; Cossidae) en vergers de pommiers. IOBC/WPRS Bull. 20, 101-106.
- Avilla, J., and D. Bosh. 2001. Mass trapping and mating disruption for the control of leopard moth and apple clearwing moth. IOBC/ WPRS Bull. 24 (5): 167-172.
- Campion D. C., L. O. Mcveich, J. Polyrakis, S. Michelakis, G. Stavarakis, P.S. Beevor, D. R. Hall, and B. F. Nesbitt. 1979. Laboratory and field studies of the female sex pheromone of the olive moth *Prays oleae*. Experientia 35: 1146-1147.

- Cardé, R. T., and A.K. Minks. 1995. Control of moth pests by mating disruption: Successes and constraints. *Ann. Rev. Entomol.* 40: 559-585.
- Castellari, P. L. 1986. *Zeuzera pyrina*. L. (Lepidoptera; Cossidae): indagini biologiche e prove in campo sull'attrattiva di miscele di componenti del feromone sessuale. *Boll. 1^o Ent "G. Grandi", Univ Bologna* 40: 239-270.
- Gatwick, J. 1992. Crop pests in the UK. P. 126-127. In "Collected Edition of Maff Leaflets" Chapman & Hall, London.
- El-Kifl, A., H. A. L. Abdel-Salam, and A. M. M. Rahhal. 1974. Biological studies on the olive leaf - moth, *Palpita unionalis* Hb.) (Lepidoptera: Pyralidae). *Bull Soc. Ent. Egypte* 58: 337-344.
- Hegazi, E.M.; Herz, A.; Hassan, S.; Khafagi, W. ; Agamy, E.; Zaitun, A.; Abd El-Aziz, G.; Showeil, S.; El-Said, S. and Khamis, N. (2007). Field efficiency of indigenous egg parasitoids (Hymenoptera: Trichogrammatidae) to control the olive (*Prays oleae*, Lepidoptera: Yponomeutidae) and the jasmine moth (*Palpita unionalis*, Lepidoptera : Pyralidae) in an olive plantation in Egypt. *Biological Control*, 43: 171-187.
- Hegazi, E.M. and Khafagi, W.E. (2004). Effect of varietal diversity in olive groves on the population of leopard moth, *Zeuzera pyrina*. *Egyptian Journal of Biological Pest Control*, 14 (1) : 207-212.
- Hegazi, E. M., W.E Khafagi, M. A. Konstantopoulou, A. Herz, D. Raptopoulos, H. Tawfic, G. M. Abd El-Aziz, S. Showiel, S.M. Abdel-Rahman, A Atwa, A. Essam, and S. Showeil. 2009. Efficient Mass-Trapping Method as an Alternative Tactic for Suppressing Populations of the Leopard Moth, (Lepidoptera: Cossidae). *Ann. Entomol. Soc. Am.* 102 (5) : 809-818.
- Hegazi, E. M; Khafagi, W.E.; Konstantopoulou, M.A.; Schlyter, F; Raptopoulos, S; Showeil, S; Abd El-Rahman, S; Atwa, A; Ali, S. E; and Tawfik, H. (2010), Suppression of Leopard Moth (Lepidoptera: Cossidae) Populations in Olive Trees in Egypt Through mating disruption. *J. Econ. Entomol.* 103 (5): 1621-1627, USA.

- Hegazi, E., M; Khafagi, W.; Herz, A., Konstantopoulou, M.; Hassan, S., Agamy, E.; Atwa, A.; Showeil, S. (2001). Dispersal and field progeny production of *Trichogramma* Species released in an olive orchard in Egypt. Bio Control DoI 10. 1007/s 10526-011-9420-4.
- Hegazi, E.M.; Konstantopoulou, M.A.; Herz, A, Khafagi, W.E, Agamy, E., Shweil, S; Atwa, A, Abd El-Aziz, G Abd El-Rahman, (2011). Seasonality in the occurrence of two lepidopterous olive pests in Egypt. Insect Science, 1-10. China.
- Hegazi, E.M.; Konstantopoulou, M.A.; Milonas, P.; Herz, A.; Mazomenos, B.E.; Khafagi, W.E.; Zaitun, A.; Abdel-Rahman, S.M.; Helal, I. and El-Kemny, S. (2007). Mating disruption of the jasmine moth *Palpita unionalis* (Lepidoptera: Pyralidae) using a two-pheromone component blend: A case study over three consecutive olive growing seasons in Egypt. Crop Protection, 26:837-844, England.
- Hegazi, E.M.; Konstantopoulou, M.A.; Herz, A.; Milonas, P.; Mazomenos, B.E.; Khafagi, W.E.; Zaitun, A.; Abd El-Aziz, G.M.; Showiel, S.; and Abdel-Rahman, S.M. (2009). Is the mating disruption effective in controlling the olive moth, *Prays olea*?. Crop Protection, 28, 181-189 England.
- El-Sherif, L. S. 1975. Biological and ecological studies on the Jasminium moth, *Palpita unionalis* Hb, and the olive moth, *Zelleria oleastrella* Mill. Pill, Ph. D. Thesis, Faculty of Scence, Ain Shams University, Egypts.
- Foda, S. M. A. 1973. Studies on *Margaronia (Glyphodes) unionalis* and its control. M.Sc. Thesis, Fac. of Agriculture., Ain Shams University, Egypt.
- Fodale, A. S., R. Mule, and A. Tucci. 1988. Bioethological observations on *Margaronia unionalis* Hubner (Lepidoptera: Pyralidae) in Sicily and trials on its control. Ann. Ist. Sper. Oliviv. 10: 31-44.
- Haniotakis, G.E., A. Koutroubas, A. Sachinoglou, and A. Lahlou. 1999. Studies on the response of the leopard moth, *Zeuzera pyrina* L. (Lepidoptera; Cossidae) to pheromones in apple orchards. IOBC wprs Bulletin, vol 22 (9).

- Hegazi, E.M.; Agamy, E.; Hassan, S.; Hertz, A.; Khafagi, W.; Showel, S.; Abo Abd-Allah, L.; Ziton, A.; Hafez, M.; El-shazly, A.; El-Said, S.; El-Minshawy, A.; Karam, H.; Khamiss, N. and El-Kemny, S. (2004). Preliminary study on the combined effect of mating disruption and inundative releases of *Trichogramma evanescens* against the olive moth, *Prays oleae*. Egyptian Journal of Biological Pest Control, 14 (1) : 9-24, Egypt.
- Hegazi, E.M.; Agamy, E.; Hassan, S.; Hertz, A.; Khafagi, W. Showel, S.; Abo Abd-Allah, L.; Ziton, A.; El-Said, S.; El-Shazly, A.; El-Minshawy, A.; Karam, H.; Khamiss, N. and El-Kemny, S. (2004). Application of inundative releases of *Trichogramma evanescens* to control the olive moth, *Prays oleae* (Bern.). Egyptian Journal of Biological Pest Control, 14 (1) : 1-7, Egypt.
- Hegazi, E.M.; Herz, A.; Hassan, S.; Agamy, E.; Khafagi, W.; Shweil, S.; Zaitun, A.; Moustafa, S.; Hafez, M.; El-Shazly, A.; El-Said, S.; Abo Abd Allah, L.; Khamis, N. and El-Kemny, S. (2005). Naturally occurring *Trichogramma* species in olive farms in Egypt. Insect Science, 12: 195-202, China.
- Hegazi, E.M.; Herz, A.; Hassan, S.; Agamy, E.; Khafagi, W.; Shweil, S.; Zaitun, A.; Moustafa, S.; El-Said, S.; Khamis, N. and Abo Abd Allah, L. (2005). Dispersal of four *Trichogramma* species from patch-source releases in an olive farm in Egypt. The Third Scientific Conference of Applied Entomology, Faculty of Science, Cairo University, March 23-24, 2005, Egypt.
- Hegazi, E.M.; Konstantopoulou, M.A.; Herz, A.; Milonas, P.; Mazomenos, B.E.; Khafagi, W.E.; Zaitun, Abd El-Aziz, G.M. and Abdel-Rahman, S.M. Monitoring flight activity of the olive moth, *Prays oleae* at two different olive growing zones, in Egypt Biological Control (in press). U.S.A.
- Hegazi, E.M.; Mazomenos, B.; Khafagi, W.; Zaitun, A.; Mostafa, S. and El-Kemny, S. (2005). Long term monitoring of *Palpita unionalis* (Hübner) (Lepidoptera Pyralidae) in olive groves, in Egypt. European Meeting of the IOBC/WPRS Study Groups "Integrated Protection of Olive Crops", Oct. 26-28, Italy.

- Hegazi, E.M.; Konstantopoulou, M.; Khafagi, W., Herz, A. Raptopoulos D. Hassan, S. Atwa, A.A. (2012). Egg laying by *Palpita unionalis* in different olive varieties, *Phytoparasitica* 40:451-459
- Herz, A.; Hassan, S.A.; Hafez, B.; Hegazi, E.; Nasr, F.; Youssef, A.; Agamy, E.; Jardak, T.; Ksantini, M.; Konstantopoulou, M.; Mazomenos, B.; Torres, L.; Bento, A. and Pereira, J.A. (2004). Nachhaltig Pflanzenschutz im Olivenanbau - mögliche Anwendung biologischer und biotechnischer Kontrollmethoden am Beispiel der Olivenmotte, *Prays oleae* (Lepidoptera: Plutellidae). 54.DT. Pflanzenschutz- ztagung, 20-23, September, Hamburg, Germany.
- Herz, A.; Hassan, S.A.; Hafez, B.; Hegazi, E.; Nasr, F.; Youssef, A.; Agamy, E.; Jardak, T.; Ksantini, M.; Konstantopoulou, M.; Mazomenos, B.; Torres, L.; Bento, A. and Pereira, J.A. (2004). Prospects of sustainable control of Lepidopterous olive pests by pheromones and egg parasitoids. Workshop "Biological Control of Plant, Medical and Veterinary Pests", 15-17 November, Watzlar, Germany.
- Herz, A.; Hassan, S.A.; Hafez, B.; Hegazi, E.; Nasr, F.; Youssef, A.; Agamy, E.; Jardak, T.; Ksantini, M.; Konstantopoulou, M.; Mazomenos, B.; Torres, L.; Bento, A. and Pereira, J.A. (2004). TRIPHELIO-an international research project for sustainable control of Lepidopterous pests in olive groves. XXII International Congress of Entomology, 15-21 August, Brisbane, Queensland, Australia.
- Herz, A.; Hassan, S.A.; Hegazi, E.; Hafez, B.; Nasr, F.; Youssef, M.; Mazomenos, B.; Broumas, T.; Milonas, P.; Moschos, T.; Souliotis, C.; Torres, L.; Pereira, J.A. and Bento, A. (2005). Prospects to use releases of the egg parasitoid *Trichogramma* (Hymenoptera, Trichogrammatidae) for biological control in olive cultivation lessons from the EU-project "Triphelio". Dgas E-Tagung, Dresden, 23-26 March, Germany.
- Herz, A.; Hassan, S.A.; Hegazi, E.; Hafez, B.; Nasr, F.; Youssef, A.; Agamy, E.; Jardak, T.; Ksantini, M.; Konstantopoulou, M.; Mazomenos, B.; Broumas, T.; Milonas, P.; Moschos, T.; Souliotis, C.; Torres, L.; Pereira, J.A. and Bento, A. (2005).

Survey of native *Trichogramma* - species in the olive grove ecosystem. DgaaE - Tagung, Dresden, 23-26 March, Germany.

- Herz, A.; Hassan, S.A.; Hegazi, E.; Khafagi, W.E.; Nasr, F.; Youssef, A.; Agamy, E.; Blibech, I.; Ksentini, I.; Ksantini, M.; Jardak, T.; Bento, A.; Pereira, J.A.; Torres, L.; Souliotis, C.; Moschos, T. and Milonas, P. (2007). Egg parasitoids of the genus *Trichogramma* (Hymenoptera : Trichogrammatidae) in olive groves of the Mediterranean region. *Biological Control*, 40:48-56. U.S.A.
- Herz, A.; Hassan, S.A.; Hegazi, E.; Khafagi, W.E.; Nasr, F.; Youssef, A.; Agamy, E.; Blibech, I.; Ksantini, M.; Jardak, T.; Bento, A.; Pereira, J.A.; Torres, L.; Souliotis, C.; Moschos, T. and Milonas, P. (2005). Occurrence of egg parasitoids of the genus *Trichogramma* (Hymenoptera; Trichogrammatidae) in olive groves of the Mediterranean region. *Journal of Applied Entomology*, Germany.
- Herz, A.; Hassan, S.A.; Hegazi, E.; Nasr, F.; Youssef, A.; Khafagi, W.; Agamy, E.; Ksantini, M.; Jardak, T.; Mazomenos, B.; Konstantopoulou, M.A.; Torres, L.; Goncalves, F.; Bento, A. and Pereira, J.A. (2005). Towards sustainable control of lepidopterous pests in olive cultivation. *Gesunde Pflanzen*. 58. DOI : 10. 1007/S, 10343005-0076-9, Germany.
- Herz, A.; Hassan, S.A.; Nasr, F.; Youssef, A. and Hegazi, E. (2005). Potential effect of flowering plants on the activity of the egg parasitoid *Trichogramma bourarachae achae* Pintureau & Babault (Hymenoptera; Trichogrammatidae), a candidate for biological control in olive cultivation. "Intern. Symp. On Biological Control of Arthropods", September 2005, Switzerland.
- Ismail, I.I., N.A. Abou-Zeid, and F.F. Abdallah, 1992. Population Dynamics of the Leopard Moth, *Zeuzera pyrina* L., and Its Control on Olive Trees in Egypt. *Z.Pflanzenkr. Pflanzenschutz* 99: 519-524.
- Kirsch, P. 1988. Pheromones: Their potential role in control of agricultural insect pests. *Am. J. Alt. Agric.* 3: 83-95.

- Kovanci, B. and N.A. Kumral. 2008. Insect pests in olive groves of Bursa (Turkey). *Acta Horticulturae* 791 (2): 569-576.
- Kumral, N.A., B. Kovanci, and B. Akbudak. 2005. Pheromone trap catches of the olive moth, *Prays oleae* (Bern.) (Lep; Plutellidae) in relation to olive phenology and degree-day models. *J. Appl. Entomol.* 129: 375-381.
- Kutinkova, H., R. Andreev, V. Arnaudov. 2006. The leopard moth borer, *Zeuzera pyrina* L. (Lepidoptera; Cossidae) - important pest in Bulgaria. *J. Plant Protec. Res.* 46: 111-115.
- Liotta, G., and I. Giuffrida. 1965. Osservazioni biologiche sulla *Zeuzera pyrina* L. in Sicilia (Lep; Cossidae). *Boll 1st Ent Agr, Palermo* 6: 29-60.
- Lopez-Villalta, M. C. 1999. Olive pest and disease management. International Olive Oil Council, Madrid.
- Martelli, G. 1915. Intorno a due specie di Lepidopterri dei generi *Zelleriae glyphodes* viventi sull' olivo. *Boll. Zool. Gen. e Agr., Portici, X,* 89-102.
- Mazomenos, B. E., D. Raptopoulos, I. Lefkidou, and A. Mazomenos-Pantazi. 1994. Female sex pheromone components of jasmine moth *Palpita unionalis* (Lepidoptera: Pyralidae). *J. Chem. Ecol.* 20: 745-751.
- Mazomenos, B. E., A. Ortiz, A. Mazomenos-Pantazi, D. Stefanou, N. Stavrakis, C. Karapati, and M. Fountoulakis. 1999. Mating disruption for the control of the olive moth, *Prays oleae* (Bern.) (Lep: Yponomeutidae) with the major sex pheromone component. *J. Appl. Entomol.* 123: 247-254.
- Moffitt, H. R., and P.H. Westigard. 1984. Suppression of the codling moth populations on peach in southern Oregon through mating disruption with sex pheromone. *J. Econ. Entomol.* 77: 1513-1519.
- Morris, T. I., W.O.C. Symondson, N. A. C. Kidd, and M. Campos. 2002. The effect of different ant species on the olive moth, *Prays oleae* (Bern.), in Spanish olive orchard. *J. Appl. Entomol.* 126: 224-230.

- Myers, J. H. 1988. Can a general hypothesis explain population cycles of forest Lepidoptera? *Adv Ecol Res* 18: 179-242.
- Nashnosh, I.M., M.M. Baraka, W Ismai, and M. Maayuf. 1993. Laboratory evaluation of natural and commercial preparations of entomopathogenic fungi and bacteria on the leopard moth, *Zeuzera pyrina* L. (Lepidoptera; Cossidae). *Arab J Plant Protection* 11: 73-76.
- Navon, A. 1977. Rearing of the leopard moth *Zeuzera pyrina* L. on an improved diet *Phytoparasitica* 5: 38-40.
- Pasqualini, E., A. Antropoli, and B. Faccioli. 1992. Attractant performance of a synthetic sex pheromone for *Zeuzera pyrina* L. (Lepidoptera; Cossidae). *Bollettine della Istituto di Entomologia Guito Grandi della Universita degli Studi di Bologna* 46: 101-108.
- Pasqualini, E., A. Antropoli, G. Faccioli, and M. Molfese. 1993. *Zeuzera pyrina* L. (Lepidoptera; Cossidae) : Results of five year researches on sex attractant. *Bull OILB/SROP* 16: 189-194.
- Pasqualini, E., S. Civolani, S. Vergnani, and G. Calzolari. 1996. I feromoni nella difesa da *Zeuzera pyrina* e *Cossus cossus*. *L' inf Agr Verona* 18: 69-75.
- Pasqualini, E., D. Natale, P. Witzgall, and A. El-Sayed. 1999. *Zeuzera pyrina* and *Cossus cossus* (Lepidoptera; Cossidae) control by pheromones: four years advances in Italy. *IOBC wprs Bulletin* 22: 115-124.
- Patanjta, M. I. 2006. Control integrado del taladro Amarillo (*Zeuzera pyrina* L.) enogales de Alentejo (Portugal). Ph. D. Dissertation, Universi-dad de Córdoba, España.
- Patanita, M, and A. Mexia. 2004. Loss assessment due to *Prays oleae* Bern. and *Bactrocera oleae* Gmelin in Moura's region (Portugal) (WWW document).
<http://pubol.ipbeja.pt/Artigos/Italia.htm>

Pelekasis, C. E. 1962. A contribution to the study of nomenclature, taxonomy, biology, ecology and the natural parasitization of the olive kernel borer (*Prays oleae* (Bernard) Lesne). Ann. Benaki Phytopath. Inst. (N.S.) 4: 181-308.

Ramos, P., M. J. M. Campos Ramos. 1998. Long-term study on the evaluation of yield and economic losses caused by *Prays oleae* Bern. in the olive crop of Granada (southern Spain). Crop Prot. 17: 645-647.

Rock, G.C., R. E. Stinner, J. E. Bacheler, L. A. H. Hull, and W. J. R. Hogmire. 1993. Predicting geographical and within season variation in male flights of four fruit pests. Environ. Entomol. 22: 716-725.

Sarto, V. 2001. Control of leopard moth, *Zeuzera pyrina* L. in apple orchards in NE Spain: mating disruptions technique. IOBC/WPRS Bull. 24: 173-178.

Tremblay, E. 1986. Entomologia applicata, Vol. II. Ed. Liguori, Napoli, pp 344-350.

