

# **CURRICULUM VITAE**

#### Pr. Mohamed BRAHAM

PhD in Bio-Sciences of the environment and health

ORCID: 0000-0003-3913-5175

Coordinator of Research Projects: FRUITFLYNET II, OIL4MED

Research Laboratory. LR21AGR03: 2PHD

Research Center on Horticulture and Organic Agriculture at Chott-Mariem.

#### **GENERAL INFORMATION**

<u>First name</u>: Mohamed <u>Family name</u>: BRAHAM <u>Gender</u>: male

Marital status: Married, 3 children (born in 1999, 2003 and 2006)

Nationality: Tunisian

Date of Birth: February 10, 1965

City and Country of Birth: TEBOULBA, (TUNISIA)

<u>Current employer</u>: Tunisian Ministry of Agriculture. IRESA. Institution of Agricultural Research and Higher Education. University of Sousse. Regional research Center of Horticulture and Organic Agriculture at Chott-Mariem (Sousse).

Work phone Number: 216-73327543
Mobile: 216-98559746
Fax: 216-73327070

E-mail: braham.mohamed@gmail.com

mohamed.brahem@isacm.u-sousse.tn

#### **A**DDRESSES

- ► Laboratoire d'Entomologie et écologie des insectes. Centre de Recherche en Horticulture et Agriculture Biologique. Route touristique. 4042. Chott-Mariem. Sousse. Tunisia . (Work).
- ► Lotissement A.F.H. Sahloul 3. Bande continue. Lot n° 30. 4054. Sahloul. Sousse. Tunisia. (Home).

## **EDUCATION**

PhD in Bio-Sciences University of Aix-Marseille 3 France. June 2001.

Emphasis: Environmental Sciences and Health

Master of Sciences (formerly D.E.A) University of Aix-Marseille 3. September 1994.

Emphasis: Earth and Environmental Sciences.

#### **OTHER DIPLOMA**

Diploma of English Language from Bourguiba Institute of Languages (Tunisia); June 2006.

#### **E-LEARNING**

- Student in the E-learning courses provided by Mediterranean Agronomic Institute of Bari (Italy) "ADVANCES IN INTEGRATED PEST MANAGEMENT OF MEDITERRANEAN FRUIT TREE CROPS" From February 15, 2010 to October 2, 2010.
- Student in the E-learning courses provided by Mediterranean Agronomic Institute of Bari (Italy). "Invasive Fruit Tree Pests Surveillance in the Mediterranean Region » from September  $23^{rd}$  to December  $1^{st}$  2013
- Student in the E-learning courses provided by Mediterranean Agronomic Institute of Bari (Italy) Distance learning course on "E-tutor: How to support the student online. A basic course" managed by MAIB (Mediterranean Agronomic Institute of Bari) from April 17<sup>th</sup> to May 18, 2014.

#### **LEARNING COURSES**

- Training period in the Agronomic Institute of Bari (Italy) for the course entitled "ADVANCES IN INTEGRATED PEST MANAGEMENT OF MEDITERRANEAN FRUIT TREE CROPS" for 1 month in February 2010 and 3 weeks in September 2010

## **PROFESSIONAL EXPERIENCE**

Employer	Period	Titles
Higher Institute of Agronomy 199 of Chott-Mariem. Laboratory of Agricultural Zoology (Tunisia)	95-2001	Agricultural Engineer
Olive Institute of Sfax (Tunisia)	2001-2007	Researcher (Assistant Professor)
Regional Research Center on Horticulture and Organic Agriculture	2007-2010	Associate Professor Grade 1 in Entomology and Integrated Insect Management
Regional Research Center on Horticulture and Organic Agriculture	2010-2019	Associate Professor Grade 2 in Entomology and Integrated Insect Management
Regional Research Center on Horticulture and Organic Agriculture	2019-Present	Senior Professor (Researcher) in Entomology and Integrated Insect Management

## **LANGUAGES**

ARABIC Mother tongue.

FRENCH Excellent in reading, writing and speaking (second language).

ENGLISH Good (work Language)

#### **COMPUTER SKILLS**

WINDOWS, INTERNET EXPLORER, EXCEL, WORD, POWERPOINT.
Software for Data mining Analysis: MINITAB, SPSS, SIGMASTAT, STATLAB,

#### **EXPERTISE**

- Evaluator of research project Arimnet Project in 2015 « <u>MADBerry</u> . <u>Strawberries</u>
   <u>Diseases in Mediterranean Area: pathogen characterization and evaluation of natural resistance</u> (May –July 2015)
  - Member of Scientific panel expert for PRIMA projects in 2018 (June-November 2018)
- Member of the Specialized Scientific Committee experts: "assessment of health risks related to food and water" at the ANCSEP (National Agency for sanitary and environmental control of products) of the Tunisian Ministry of public health (January 2019-)

#### **E-LEARNING**

- E-learning Student of the course organized by Mediterranenan Agronomic Institute in Bari (Italy): ADVANCES IN INTEGRATED PEST MANAGEMENT OF MEDITERRANEAN FRUIT TREE CROPS.From 15 February 2010 to 02 october 2010.
- E-learning Student of the course organized by Mediterranenan Agronomic Institute in Bari (Italy): Invasive Fruit Tree Pests Surveillance in the Mediterranean Region » FROM SEPTEMBER 23<sup>RD</sup> TO DECEMBER 1<sup>ST</sup> 2013
- Distance learning course on "E-tutor: How to support the student online. A basic course" managed by MAIB (Mediterranean Agronomic Institute of Bari) from April 17<sup>th</sup> to May 18, 2014

#### **ORGANIZING SYMPOSIUMS**

- Instigator, member of Scientific committee, organization committee and president of session of the first Symposium on Integrated Pest Management organized by the Regional Research Centre on Horticulture and Organic Agriculture at Chott-Mariem from 20 to 21 April 2015
- Instigator, member of Scientific committee, organization committee and president of session of the first Symposium on Integrated Pest Management in the Maghreb organized by the Regional Research Centre on Horticulture and Organic Agriculture at Chott-Mariem from 30 October to 1<sup>st</sup> November 2017

- Member of the Scientific committee of the ISOFAR/MOAN Symposium. Crop Protection Management in Mediterranean Organic Agriculture 14-16 May 2013. SOUSSE. TUNISIA
- Contribution to the organization and member of the Scientific committee of the 2<sup>nd</sup> Scientific day Agronomy and Environment " of the Higher Agronomic Institute of Chott-Mariem. 7<sup>th</sup> et 8<sup>th</sup> of November 2018

## PARTICIPATION IN PHD THESIS AND ACADEMIC HABILITATION

- Examiner and member of the jury of habilitation of Dr Ikbel Chaieb on 10<sup>th</sup> October 2010.
  - Reporter of the PhD thesis of Madame Sana ZOUARI in Plant Protection of the Higer Agronmic Institute of Chott-Mariem title « Protection des Plantes et Environnement intitulé « Aspects bioécologiques dans un système tritrophique : Prunus spp. - Hyalopterus spp. -Aphidius transcaspicus Telenga 1958 (Hymenoptera : Braconidae) et lutte biologique contre Hyalopterus amygdali Blanchard 1840 (Hemiptera : Aphididae) en verger d'amandier Prunus dulcis (Mill.) D. A. Webb 1967 (Rosales : Rosaceae) » Noveber 2019.
  - Examiner of the thesis of Madame Mey JERBI at the National Agronomic Institute of Tunis entitled « Conséquences biologiques, physiologiques et écologiques de la température sur *Aphidius* sp et approche de lutte biologique en vergers d'agrumes contre *Aphis gossypii* Glover (Aphididae) » June 30, 2015
  - Reporter of the PhD thesis of Miss Mabrouka GHABBARI (aculty of Sicences of Bizerte, intitled « Bio-écologie de la Mouche Méditerranéenne des fruits *Ceratitis capitata* Wied (Diptera: Tephritidae) dans deux biotopes du sud tunisien et alternatives de lutte moyennant les extraits végétaux ». 11th January 2019.
  - Member of thesis committee of the student Meriem TLEMÇANI (2014-2019) entitled « évaluation de nouvelles solutions alternatives pour la gestion intégrée de la mouche méditerranéenne des fruits en vergers d'agrumes et étude de quelques paramètres biologiques.
  - Rapporteur of the Thesis To conduct scientific Research of Dr Sabrine ATTIA.
     INAT september 2022.
  - Rapporteur of the Thesis To conduct scientific Research of Dr Ines KSENTINI.
     April 2024.

#### **EVALUATOR OF RESEARCH PROJECTS**

 Evaluator of the Research Project « Méthodologie à adopter pour une gestion biologique des pucerons du pêcher » Project granted by the Institution of Research and Agronomic academic studies (IRESA). January 2018.

#### **RESEARCH PROJECTS**

#### **Tunisian National Research Projects**

- Integrated Pest Management of tomato leafminer *Tuta absoluta* in the centre East region of Tunisia 2009-2014, funded by Tunisian Ministry of Agriculture
- Study of the biology and ecology of date moth *Ectomyelois ceratoniae* attacking pomegranate fruits in Tunisia (2009-2012).

#### **International Project:**

#### **Ongoing Projects:**

I am the coordinator of these International Projects:

- "Commercialization of an Automated Monitoring and Control System against the Olive and Med Fruit Flies of the Mediterranean Region" (FruitFlyNet-ii). September, 1<sup>st</sup> 2020 to 31 October 2023. Project financed by ENI-CBC MED Programme. http://www.enicbcmed.eu/projects/fruitflynet-ii
- 2. "Open platform and falrness Olive-Oil suppLy chain for MEDiterranean small farmers" .OIL4MED. Projet nationally funded. PRIMA Section II. 1<sup>st</sup> March 2022 –28 February 2025. <a href="http://www.oil4med.eu">http://www.oil4med.eu</a>

I am a member of the Horizon 2020 Project: "Sustainable intensification of food production through resilient farming systems in West & North Africa" (SustInAfrica). September, 1<sup>st</sup> to 31 August 2025. Project funded *by* EU Horizon 2020. <a href="https://www.sustinafrica.com/">https://www.sustinafrica.com/</a>

## REVIEWER AND REFEREE (SOME)

- Journal of Tropical Insect Sciences (July 2023)
- Pest Management Science (May 2023)
- CABI Agriculture and Bioscience (April 2023)
- Arab Journal for Plant Protection (2 articles in 2018)
- Biological control
- African Journal of Microbiology Research
- African Journal of Agricultural Research
- Agricultural Science Research Journal (December 2014)
- American Jurnal of Experimental Agricultue
- Annales de l'INRAT (November 2015)
- Bulletin of Insectology
- Greener Journal
- Journal of Agricultural and crop Research

- Journal of Medicinal Plant Research
- Revue Ezzaitouna
- Tunisian Journal of Plant Protection
- British Biotechnology Journal (April 2016)
- Member of Editorail Board of the Journal « Current Agriculture Research Journal ». Revue Indexée
- Member of Scientific Committee of the Journal EZZAITOUNA edited by Olive Institute

#### SKILS

Entomology, Insect, Applied Agricultural Entomology, Integrated Pest Management, Biological Control, Mounting Insects, Field Insect Rearing, Coleoptera, Hymenoptera Insect Field Ecology, Statistic data analysis relating to plant protection, Plant Protection, Biological Pest Control, Insect Identification, Crop Protection, Economic Entomology, Semiochemicals, Insect Pesticide, insect's parasitoids, insect predators, stone fruits insect management, Pomagrante insect management, Ficus carica insect management, Citrus insect management, Olive insect management, Insect Olfaction, Biological Control of Insect Pests, Insect Diversity, Insect Control, Parasitic wasps, Parasitoids, Xylophagous insects, Beetles, Chalcidoidea, Hymenoptera Coleoptera, Biocontrol Agents, insect mass trapping, electronic traps for insect monitoring.

#### **STUDENTS SUPERVISING**

#### PHD thesis

- Student Asma ZEIRI. 2009-2015. <u>Thesis title</u>: « Biologie, cycle et ennemis naturels du scolyte de l'amandier *Scolytus amygdali* (Coleoptera, Curculionidae, Scolytinae): Reconnaissance et systématique des parasitoïdes ». Thesis defended on 8th June 2015. Faculty of Sciences of Bizerte (Tunisia).
- Student Ibtihel GHRISSI. 2013-2019 Thesis title: Étude de la bio-écologie et l'écologie chimique du scolyte du pistachier *Chaetoptelius vestitus* (Coleoptera: Curculionidae): Lutte biologique. Thesis defended on 24th October 2019. Faculty of Sciences of Gabes (Tunisia).
- Student : 2015-2020. Dorra MANSOUR. Title : Rôle des parasitoïdes dans la lutte biologique contre la mineuse, *Phyllocnistis citrella* en verger d'Agrumes » . Higher Agronomic Institute of Chott-Mariem. Tunisia
- Student: Hassib BENKHEDER.2015-2020. Title: Faunistic and systematic studies of the Spéciformes species (Hymenoptera: Sphecidae, Ampulicidae et Crabronidae) of Tunisian fauna". Thesis defended on 12 June 2020. Ataturk University. Turkey.

 Student: Siwar NOUIRA 2017-2018. Master in Plant Protection. National Agronomic Institute of Tunis. Title « Effet de la fertilisation azotée des Citrus sur les pucerons et leurs ennemis naturels. 13th April 2018.

#### **PUBLICATIONS**

- **1**. Onillon JC., **Braham, M**., & Kirk A., 1996 Preliminary results on the efficacy of Eretmocerus mundus (Hymenopt. : Aphelinidae), in the biological control of Bemisia tabaci (Homopt. : Aleyrodidae). Silverleaf Whitefly. 1996 Supplement to the Five -Year National Research and Action Plan. United States Department of Agriculture. P 135.
- **2.** Chermiti B., **Braham M.**, Cenis J.L., Alonso C., & Beitia F., 1997 Sur la présence en Tunisie des biotypes "B" et "non B" de Bemisia tabaci (**Homoptera, Aleyrodidae**) et de leurs parasitoïdes associés. IOBC/ WPRS Bulletin. integrated Control in Protected Crops (Mediterranean climate « Tenerife, Canary Islands. Spain 3-6 November. Vol 20(4): 108-113.
- **3.** Chermiti B., Gahbiche H., **Braham M**., Messlmani B., & Rahmouni R., 1998. Production de masse d'Ageniaspis citricola, parasitoïde de la mineuse des agrumes en Tunisie. **Fruits**, vol 53: 229-234.

https://www.researchgate.net/publication/262005244 Production de masse d'Agenias pis citricola parasitoide de la mineuse des agrumes en Tunisie Massrearing of Ageniaspis citricola a citrus leafminer parasitoid in Tunisia

**4.** Chermiti B., Gahbiche H., **Braham M**., & Znaidi M., 1999. Parasitisme naturel de la mineuse des agrumes Phyllocnistis citrella **(Lepidoptera, Gracillariidae**), en Tunisie. **Fruits** vol 54(l): 11-21.

https://www.researchgate.net/publication/262005255 Parasitisme naturel de la mine use des agrumes Phyllocnistis citrella Stainton Lepidoptera Gracillariidae en Tunisie Natural parasitism of the citrus leafminer Phyllocnistis citrella Stainton Lepidopte

**5.** Chermiti B., **Braham M**., Znaidi M., Gahbiche H., Messelmani B., Dali M., & Messelmani H., 2001 - Premiers résultats sur l'acclimatation d'Ageniaspis citricola LOGVINOVSKAYA (Hym., Encyrtidae), parasitoïde spécifique de Phyllocnistis citrella STAINTON (Lep., Gracillariidae), en Tunisie. **Journal of Applied Entomology125**: 45-52. **(IF = 1.629)** 

https://onlinelibrary.wiley.com/action/doSearch?AllField=Premiers+r%C3%A9sultats+sur+l%27acclimatation+d%27Ageniaspis+citricola+LOGVINOVSKAYA+%28Hym.%2C+Encyrtidae%29%2C+parasito%C3%AFde+sp%C3%A9cifique+de+Phyllocnistis+citrella+STAINTON+%28Lep.%2C+Gracillariidae%29%2C+en+Tunisie&SeriesKey=14390418

**6.** Braham M., 2005. Management of the pistachio seed wasp Eurytoma plotnikovi Nikolskaya (Hymenoptera, Eurytomidae) in Tunisia. Integration of pesticide sprays and

other means of control. **International Pest Conrol**. Vol 47. Number 6, November/December: 319-324.

https://www.researchqate.net/publication/292452624 Management of the pistachio s eed wasp Eurytoma plotnikovi Nikolskaya Hymenoptera Eurytomidae in Tunisia Inte gration of pesticide sprays and other means of control

- 7. Braham M., Chermiti B., Souissi R., and Znaïdi M., 2006. Establishment and dispersal of the parasitoidsAgeniaspis citricola Logvinovskaya (Hymenoptera: Encyrtidae) and Semielacher petiolatus Girault (Hymenoptera: Eulophidae), introduced into Tunisia for the biological control of Phyllocnistis citrella (Lepidoptera: Gracillariidae). International Journal Of Pest Management, 52(4): 353-363. <a href="https://www.researchqate.net/publication/261878148">https://www.researchqate.net/publication/261878148</a> Establishment and dispersal of the parasitoids Ageniaspis citricola Logvinovskaya Hymenoptera Encyrtidae and Semi elacher petiolatus Girault Hymenoptera Eulophidae introduced into Tunisia for the biolo
- **8. Braham M.** Pasqualini E., & Ncira N., 2007. Efficacy of kaolin, spinosad and malathion against Ceratitis capitata in Citrus orchards. **Bulletin of Insectology 60(1):** 39-47. <a href="http://www.bulletinofinsectology.org/pdfarticles/vol60-2007-039-047braham.pdf">http://www.bulletinofinsectology.org/pdfarticles/vol60-2007-039-047braham.pdf</a>
- **9. Braham M**. 2009b. Le puceron farineux de l'amandier. Caractérisation et méthodes de lutte.

**10. Braham M.**, Smiri H., and Cherif R., 2010. Geographic distribution and impact of Eurytoma plotnikovi (Hymenoptera: Eurytomidae) and Megastigmus pistaciae (Hymenoptera: Torymidae), insects damaging Pistachio nuts in Tunisia. **Options Méditerranéennes** 94: 187-201.

http://om.ciheam.org/om/pdf/a94/00801304.pdf

- **11. Braham M., 2010**. Management of the tomato borer, Tuta absoluta; integration of pesticide sprays and male field trapping with synthetic pheromone blend. **Revue des Régions Arides. Numéro spécial. 24(2)**: 1309-1315.
- 12. Zeiri A., Mitroiu M.D. Braham M., and Braham M., 2010. First record of Cerocephala Eccoptogastri Masi (Hymenoptera: Pteromalidae) on the almond bark beetle (Scolytus amygdali Guerin) (Coleoptera; Scolytidae) in Tunisia. Analele Științifice ale Universității "Al. I. Cuza" Iași, s. Biologie animală, Tom LVI: 91-950 <a href="https://www.behance.net/qallery/FIRST-RECORD-OF-CEROCEPHALA-ECCOPTOGASTRI-IN-TUNISIA/2111904">https://www.behance.net/qallery/FIRST-RECORD-OF-CEROCEPHALA-ECCOPTOGASTRI-IN-TUNISIA/2111904</a>

- **13**. Zeiri A., **Braham M.**, and Braham M. 2011a. First Record of Cephalonomia hypobori on Scolytus amygdali in Tunisia. **Tunisian Journal of Plant Protection. Vol. 6, N°1**: 43-47. https://www.academia.edu/5243625/First\_Record\_of\_Cephalonomia\_hypobori\_on\_Scolytus\_amygdali\_in\_Tunisia
- **14.**Zeiri A. **Braham M**., and Braham M; 2011b. Laboratory studies of the almond bark beetle Scolytus amygdali Gurein-Meneville, Coleoptera: Curculionidae: Scolytinae) collected in the Center Region of Tunisia. **International Journal of Entomology (2)1**: 23-30.

https://www.researchgate.net/publication/234037875 Laboratory Studies of the Almond Bark Beetle Scolytus amygdali Geurin-

<u>Meneville Coleoptera Curculionidae Scolytinae collected in the Center Region of Tunisia</u>

**15.** Braham M., & Ben-Halima-Kamel M., 2011. Sur la présence en Tunisie de l'aleurode du grenadier Siphoninus phillyreae (Haliday) (Homoptera, Aleyrodidae) infestant l'olivier en Tunisie. Revue Ezzaïtouna. Volume 12(1): 8-12.

http://www.iosfax.agrinet.tn/useruploads/files/revue12-8-12.pdf

**16. Braham M.**, & Jardak T., 2012. Contribution à l'étude de la bio-écologie du scolyte du Pistachier Chaetoptelius vestitus Muls &Rey (Coleoptera, Scolytidae) dans les régions du centre et du sud Tunisiens. **Revue Ezzaïtouna**, 13(1 et 2):1-17.

https://www.researchqate.net/publication/264094153 CONTRIBUTION A L'ETUDE DE LA BIO-

ECOLOGIE DU SCOLYTE DU PISTACHIER CHAETOPTELIUS VESTITUS MULS REY COLEOPT ERA SCOLYTIDAE DANS LES REGIONS DU CENTRE ET DU SUD TUNISIENS

**17.**Triki M.A., Rhouma A. & Braham M. 2012. Les ravageurs du pistachier. Document technique. Pages 19-27. (en Arabe.)

شجرة الفستق. التقنيات الزراعية و الحماية الرشيدة. وثيقة فنية

http://www.avfa.agrinet.tn/upload/supports ar/support1000000116.pdf

- **18.** Braham M. and Hajji L., 2012. Management of Tuta absoluta (Lepidoptera, Gelechiidae) with Insecticides on Tomatoes. Insecticides Pest Engineering, Farzana Perveen (Ed.), ISBN: 978-953-307-895-3, InTech, Available from: <a href="http://www.intechopen.com/articles/show/title/management-of-tuta-absoluta-lepidoptera-gelechiidae-with-insecticides-on-tomatoes">http://www.intechopen.com/articles/show/title/management-of-tuta-absoluta-lepidoptera-gelechiidae-with-insecticides-on-tomatoes</a>: 333-354.
- **19.** Braham M. Glida-Gnidez H. and Hajji L., 2012. Management of the tomato borer, Tuta absoluta in Tunisia with novel insecticides and plant extracts. Bulletin OEPP/EPPO Bulletin 42(2):291-296.

http://onlinelibrary.wiley.com/doi/10.1111/epp.2572/epdf

- **20.** Braham M., & Ben Salem A. 2012. Control Action Threshold for Tuta absoluta Lep., Gelechiidae) in tomato raised under greenhouse in Tunisia. Entomological Society of America.http://www.esa.confex/esa/2012webprogram/presentation/paper64646/braham/brahamfinal16july.pdf
- **21.** Braham M., 2013. Trapping Adults of the Medfly Ceratitis capitata and non Target Insects: Comparison of Low-Cost Traps and Lures. Tunisian Journal of Plant Protection **8**: 107-118.

http://www.iresa.agrinet.tn/tjpp/tjpp16/4Braham.pdf

- **22.**Zeiri, A., **Braham M**., and Braham, M. 2013a. Parasitoids of the Almond Bark Beetle Scolytus amygdali in Tunisia. **Tunisian Journal of Plant Protection 8**: 45-56. <a href="http://www.iresa.agrinet.tn/tjpp/tjpp15/5Zeiri2.pdf">http://www.iresa.agrinet.tn/tjpp/tjpp15/5Zeiri2.pdf</a>
- **23.**Zeiri, A., **Braham, M**., and Braham, M. 2013b. Molecular identification of Eurytoma striolata reared from almond bark beetle Scolytus amygdali in Tunisia. **Tunisian Journal of Plant Protection 8**: 57-64.

http://www.iresa.agrinet.tn/tjpp/tjpp15/6Zeiri1.pdf

- **24. BrahamM**. 2014a. Role of trap colors and exposure time of pheromone of trapping efficacy of males of the tomato leafminer Tuta absoluta (Lepidoptera : Gelechiidae). **African Journal of Agricultural research. Vol. 9(29):** 2263-2271. http://www.academicjournals.org/journal/AJAR/article-full-text-pdf/90F443046148
- **25.BrahamM**. 2014b.Is Mass Trapping Technique useful for the Control of the Tomato Leafminer, Tuta absoluta (Lepidoptera: Gelechiidae)?. Greener Journal of Agronomy, Forestry and Horticulture Vol. 2 (3): 44-61. http://gjournals.org/GJAFH/Publication/2014/July/PDF/0529014253%20Braham.pdf
- **26.**Zeiri, A., **Braham M**., and Braham M., 2014. The effects of Climatic Variability and Change on the activity of the Almond bark beetle Scolytus amygdali in the coastal zone of Mahdia. Revue des Régions Arides Numéro Spécial n° 35 (3/2014) Actes du 4ème Meeting International « Aridoculture et Cultures Oasisennes : Gestion des Ressources et Applications Biotechnologiques en Aridoculture et Cultures Sahariennes : perspectives pour un développement durable des zones arides ». Pages 1833-1838.
- **27**. Zeiri A., Ayberk H., Daami-Remadi M., **Braham M**., and Braham M.,2014. Pathogenic fungus against the almond bark beetle Scolytus amygdali Guerin-meneville (Coleoptera: Curculionidae: Scolytinae). **Egyptian Journal of Biological Pest Control 24(1):** 71-74.

https://www.researchgate.net/publication/268075071 Pathogenic Fungus against the Almond Bark Beetle Scolytus amygdali Geurin-Meneville Coleoptera Curculionidae Scolytinae Aspergillus sp

**28.** Braham, M., Abbes A., and Benchehla D. 2014. Evaluation of organically - acceptable insecticide against the mealy aphids of the Hyalopterus pruni complex in almond orchard. Journal of Agricultural and Crop Research. Vol 2(11): 211-217.

https://www.researchgate.net/publication/283715845 Evaluation of four organically-acceptable insecticides against mealy aphids of the Hyalopterus pruni complex in a lmond orchard

- **29**. **Braham** *M* ., 2015. Insect larvae associated with dropped pomegranate fruits in an organic orchard in Tunisia. **Journal of Entomology and Nematology. Vol. 7(2**): 5-10. <a href="http://www.academicjournals.org/journal/JEN/article-full-text-pdf/9B0BBFD51629">http://www.academicjournals.org/journal/JEN/article-full-text-pdf/9B0BBFD51629</a> <a href="https://doi.org/10.5897/JEN2015.0119">https://doi.org/10.5897/JEN2015.0119</a>
- **30.** Zeiri A., Ahmed M.Z., **Braham M**., Braham M., and Qiu B.-L., 2015. Host suitability analysis of the bark beetle Scolytus amygdali (Coleoptera: Curculionidae: Scolytinae).Bulletin of Entomological Research. 1-7. doi:10.1017/S0007485315000176 https://doi.org/10.1017/S0007485315000176
- **31.** Zeiri A., Ayberk H., Buhroo AA., **Braham M**., and Braham M. 2015. Observations on the overwintering forms of Scolytus amygdali (Coleptera: Curculionidae) in Tunisia. Munus Entomology and Zoology. Vol. 10(1):209-214.

http://www.munisentzool.org/yayin/vol10/issue1/vol10issue1-9627038.pdf

**32. Braham M**., 2016. Contribution to a better understanding of flight pattern and egglaying duration of the Pistachio seed wasp. XVI GREMPA Meeting on Almonds and Pistachios. Options méditerranéennes. Series A : Mediterranean Seminars Number 119. Edited by O. Kodad, A López-Francos, M. Rovira, R. Socias i Company. Pages: 205-209.

http://om.ciheam.org/om/pdf/a119/a119.pdf

**33. Braham M**., 2016. Shoot feeding period characterization of the pistachio twig borer. XVI GREMPA Meeting on Almonds and Pistachios. Options méditerranéennes. Series A: Mediterranean Seminars Number 119. Edited by O. Kodad, A López-Francos, M. Rovira, R. Socias i Company. Pages: 211-215.

http://om.ciheam.org/om/pdf/a119/a119.pdf

**34.** Zeiri Asma Abdul A. Buhroob A.A., **Braham M**., and Brahem M., 2015. Laboratory observations of Raphitelus maculatus Walker 1834 (Hymenoptera: Chalcidoidea) a parasitoid of the almond bark beetle Scolytus amygdali Guerin-Meneville 1847 (Coleoptera; Curculionidae) in Tunisia. **International Journal of Entomological Research 3(1)**; 29-34.

http://escijournals.net/index.php/IJER/article/view/1006/521

**35.** Zeiri A., Ayberk H., **Braham M.,** , Braham M., 2015. Necremnus Thomson (Hymenoptera: Eulophidae) Accidently Recorded on the Almond Bark Beetle, Scolytus amygdali Geurin-Meneville (Coleoptera: Scolytinae) in Tunisia. **Egyptian Journal of Biological Pest Control, 25(1):** 185-192.

#### https://www.cabdirect.org/cabdirect/abstract/20153293594

**36**. **Braham M**., Nefzaoui F., 2016. Study of the effectiveness of two methods: mass trapping and leaf and fruits removal for the control of the tomato leafminer, Tuta absolutaMeyrick (Lepidoptera, Gelechiidae) in Tunisia. **Journal of Global Agriculture and Ecology4(3):**114-122.

https://www.researchgate.net/publication/283715583 STUDY OF THE EFFECTIVENESS
OF TWO METHODS MASS TRAPPING AND LEAF AND FRUITS REMOVAL FOR THE C
ONTROL OF THE TOMATO LEAFMINER Tuta absoluta MEYRICK LEPIDOPTERA GELEC
HIIDAE IN TUNISIA

**37.** Zeiri, A., Ayberk, H., Braham, M., Braham, M., 2016. Investigations on gallery patterns of the Almond bark bettle (**Scolytus amygdali** Guerin-Méneville, 1847) (Coleoptera, Curculionidae) in Tunisia. **Journal of the Faculty of Forestry Istanbul University** 66(1): 288-294. DOI: 10.17099/jffiu.67352

http://dergipark.ulakbim.gov.tr/jffiu

- **38.** Braham M. and Gahbiche H., 2016. Occurrence of Apate monachus Fabricius 1775 (Coleoptera: Bostrichidae), a Black Borer attacking pomegranate trees in the Center-East region of Tunisia. International Journal of Entomology and Nematology. Vol 2(1): 27-41. <a href="https://www.researchgate.net/publication/313250413">https://www.researchgate.net/publication/313250413</a> Occurrence of Apate monachus Fabricius 1775 Coleoptera Bostrichidae a Black Borer attacking pomegranate trees in the Center-East region of Tunisia
- **39.** Zeiri A., Ahmed M. Z., Ayberk H.,. Qiu B. L., Cuthbertson A. G. S., Varlese R., Lombardi N;. Mannion C;. Daami-Remadi M.,. **Braham M**., and. Braham M., 2017. Occurrence, Characterization and Pathogenicity Test of the Fungi, Aspergillus flavus and Fusarium oxysporum Isolated from Cadavers of *Scolytus amygdali* Guerin-Meneville (Coleoptera: Curculionidae: Scolytinae). Egyptian Journal of Biological Pest Control, 27(2):179-188. https://www.cabdirect.org/cabdirect/abstract/20173278345
- **40.** Braham M., and Ben Salem A., 2017. Threshold-based spraying decision programs for the tomato leafminer, Tuta absoluta on tomato greenhouse.. Journal of new sciences, Agriculture and Biotechnology, CSIEA (17): 2726-2734. <a href="http://www.jnsciences.org/agri-biotech/70-volume-sp%C3%A9cial-csiea-2017/413-threshold-based-spraying-decision-programs-for-the-tomato-leafminer,-tuta-absoluta-on-tomato-greenhouse.html">http://www.jnsciences.org/agri-biotech/70-volume-sp%C3%A9cial-csiea-2017/413-threshold-based-spraying-decision-programs-for-the-tomato-leafminer,-tuta-absoluta-on-tomato-greenhouse.html</a>
- **41**. Zeiri A., Ahmed M.Z., Cuthbertson A.G. S., **Braham M**. and Braham M., 2018. Monitoring the Attack Incidences and Damage Caused by the Almond Bark Beetle, Scolytus amygdali, in Almond Orchards. Insects, 9(1):1-9. doi:10.3390/insects9010001 <a href="http://www.mdpi.com/2075-4450/9/1/1/pdf">http://www.mdpi.com/2075-4450/9/1/1/pdf</a>

**42**. **Braham M**. and Amor N., 2018. Effect of pruning severity on the vegetative growth, density and population dynamics of the Spirea aphid, Aphis spiraecola in Citrus orchard. **Journal of Entomology and Zoology Studies**. 6(1): 311-319.

http://www.entomoljournal.com/archives/2018/vol6issue1/PartE/5-6-320-384.pdf

**43**. Ghrissi I., Braham M., , Said I., Labonte J.R and Shahan T. 2018. Morphological characteristics for sexing living adults of Chaetoptelius vestitus (Coleoptera, Curculionidae). **Animal Biology. 1-8.** 

#### https://doi.org/10.1163/15707563-17000100

- **44**. Ghrissi I., **Braham M**., , Said I., and Ayberk H., 2018. Temperature-Dependent Development of the Pistachio Bark Beetle Chaetoptelius vestitus (Coleoptera: Curculionidae: Scolytinae). Journal of Zoological Research 2(3):1-8. <a href="https://www.sryahwapublications.com/journal-of-zoological-research/pdf/v2-i3/1.pdf">https://www.sryahwapublications.com/journal-of-zoological-research/pdf/v2-i3/1.pdf</a>
- **45.**Ghrissi, I., **Braham, M.**, Said, I. & Ayberk, H. 2019a. Olfactory responses of Chaetoptelius vestitus (Coleoptera: Curculionidae) to hosts and conspecific odors. **Munis Entomology & Zoology**, 14 (1): 176-184.

## http://www.munisentzool.org/yayin/vol14/issue1/vol14issue1-1584894.pdf

- **46.** Ghrissi, I., **Braham, M**., Said, I. Ayberk, H. 2019b. Ecological study of pistachio bark beetle, Chaetoptelius vestitus (Muls & Rey, 1861) (Coleoptera: Curculionidae). **Fresenius Environmental Bulletin**. Volume 28 (3): 1971-1977.
- **47**. Hassib Ben Khedher, Erol Yildrim, **Mohamed Braham**, sameh BenChaaban 2019. Cheklist and nexwly recorded Crabronid wasps (Hymenoptera, Crabronidae) for the fauna of Tozeur province, Tunisia. 6<sup>th</sup> International Conference on Sustainable Agriculture and Environment. Octobrer 3-5, City of Konya, Turkey). 189-197.
- **48.** Dorra Masour and Mohamed Braham 2020. The Citrus leafminer, Phyllocnisis citrella, in Tunisia: twenty five years of invasion and pest mangement. Munis Entomology and Zoology. Vol 15(2): 526-535. https://www.munisentzool.org/Issue/Download
- **49**. Ben Khedher, H., Yildirim, E., Braham, M. & Ljubomirov, T., 2020a. First checklist of Tunisian sphecid wasps (Hymenoptera: Sphecidae) with new and additional records. Zootaxa, 4801(2): 301-327.https://doi.org/10.11646/zootaxa.4801.2.6
- 50. Ben Khedher, H., Yildirim, E., Braham, M. &Ljubomirov, T., 2020b. Description of the previously unknown male of Parapsammophila errabunda (Kohl, 1901) (Hymenoptera: Sphecidae)from Tunisia. Journal of Insect Biodiversity, 20(1): 011-016.https://doi.org/10.12976/jib/2020.20.1.2

- **51.** Ben Khedher, H., Yildirim, E. & Braham, M., 2020c. Contribution to the knowledge of the Crabronidae (Hymenoptera: Apoidea) fauna of Tunisia. Part 1: Astatinae, Crabroninae and Pemphredoninae. Munis Entomology & Zoology, 15(1): 100-110.
- **52**. Ben Khedher, H., Yildirim, E. & Braham, M., 2020d. First checklist of Tachysphex Kohl, 1883 (Hymenoptera: Crabronidae) of Tunisia with new distributional data. Journal of the Entomological Research Society, 22(3): 307-323.
- **53**. Ben Khedher, H., Yildirim, E. & Braham, M., 2020e. Checklist of Tunisian Cerceris Latreille, 1802 (Hymenoptera: Crabronidae: Philanthinae) with new country and provincial records. Oriental Insects.

https://doi.org/10.1080/00305316.2020.1844097

- **54**. Ben Khedher, H., Yildirim, E. & Braham, M., 2021a. New data on the Crabronidae fauna (Hymenoptera: Apoidea) of Tunisia. Arxius de Miscel.lània Zoològica,19: 53-64 .https://doi.org/10.32800/amz.2021.19.0053.
- **55. Ben Khedher H., Yildirim E. &Braham M. 2021b.** Checklist of Tunisian *Cerceris* Latreille, 1802 (Hymenoptera: Crabronidae: Philanthinae) with new country and provincial records. *Oriental Insects*55(4):529–551.https://doi.org/10.1080/00305316.2020.1844097
- **56**. Ben Khedher, H., Yildirim, E. & Braham, M., 2021c. A checklist of Philanthini and Pseudoscoliini (Hymenoptera: Crabronidae) with new records from Tunisia. Transactions of the American Entomological Society, 147(1): 1-10.https://doi.org/10.3157/061.147.0101.
- 57. Dorra Mansour, Meritxell Pérez-Hedo, Jose Catalán, Mohamed Braham, Josep A.Jaques and Alberto Urbaneja 2021. Biological control of the citrus leafminer 25 years after its introduction in the Valencia citrus growing area (Spain): A new player in the game. Biological Control 155: 104529

  <a href="https://doi.org/10.1016/j.biocontrol.2020.104529">https://doi.org/10.1016/j.biocontrol.2020.104529</a>
- 58. Ben Khedher, H., Yildirim, E. & Braham, M 2022. A checklist of family Bembicidae (Hymenoptera: Apoidea) from Tunisia. Graellsia 78(1):159-2022 https://www.researchgate.net/deref/https%3A%2F%2Fdoi.org%2F10.3989%2Fgraellsia.2022.v78.321
- **59.** Ben Khedher, H., **Braham, M**., & Chaieb, I. (2022). The State of the Art of the Tunisian Apidae Fauna (Hymenoptera: Anthophila). Sociobiology, 69(3), e8151. https://doi.org/10.13102/sociobiology.v69i3.8151.
- **60. Braham M.**, Boulahia-Kheder, Kahia M., Nouira S., 2023 Aphids and citrus responses to nitrogen fertilization. Journal of-the Saudi Society of Agricultural-sciences. https://doi.org/10.1016/j.jssas.2023.03.003

61. Ben Khedher, H., Yildirim, E. & Braham, M 2022. A taxonomic study of Tunisian species wasps of genera Philanthinus, Philanthus and Pseudoscolia (Hymenoptera: Apoidea: Philanthidae). Journal of Entomological Society of Iran. 44 (2), 189–203. https://doi.org/10.61186/jesi.44.2.8

#### **Book Chapters**

- **61. Braham M.** and Hajji L., 2012. Management of Tuta absoluta (Lepidoptera, Gelechiidae) with Insecticides on Tomatoes. Insecticides **Pest Engineering,** Farzana Perveen (Ed.), ISBN: 978-953-307-895-3, InTech, Available from: <a href="http://www.intechopen.com/articles/show/title/management-of-tuta-absoluta-lepidoptera-gelechiidae-with-insecticides-on-tomatoes:333-354">http://www.intechopen.com/articles/show/title/management-of-tuta-absoluta-lepidoptera-gelechiidae-with-insecticides-on-tomatoes:333-354</a>.
- **62. Braham 2015**. Participation in the redaction of Arabic-English Fench Scientific dictionary. (Entomology.Letters E, F et G (60 pages). Arab Society for Plant Protection.