

CURRICUM VITAE AND ACTIVITIES

Dr DHOUIBI Mohamed Habib

Professor of Entomology – Plant Protection

National Institute of Agriculture of Tunisia (INAT)

2016

Curriculum vitae

Professor DHOUIBI Mohamed Habib

Adresse: 43 Avenue Charles Nicole 1082 Tunis Mahrajène Tunisia

Tel: +216 71 287 110

Fax +216 71 799 391

Direct: Tel/Fax +216 71 296449- Mobile:+216 98575247

E-mail: dhouibi.med@inat.agrinet.tn ; dhouibihabib@yahoo.fr ,

Name: DHOUIBI

Surname: Mohamed Habib

Date and place of birth: 4 September 1952 Ouled Haffouz

Nationality : Tunisian

Situation : married, one child

Titles :

1973 : Science Baccalaureate (Sousse)

1977 : Engineer Diploma (INAT)

1978 : Plant Protection : Diploma of Detailed Agronomy in INA Paris-Grignon: DAA

1979 : Diploma of Detailed studies in Pierre and Marie curie University (Paris 6): DEA

1982 : Doctor Engineer of Entomology in Pierre and Marie curie University (Paris 6)

1989 : State Doctor's degree of Natural sciences Pierre and Marie curie University (Paris 6)

Grade (degree)

1979 : Researcher in rural Engineering research Center in Tunis

1983 : Assistant in National Institute of Agronomy

1985 : Assistant professor

1990 : Professor

II- Pedagogy activities

1- Teaching

Since my recruiting in 1983 in INAT, I had many teaching functions:

a- Ecological study of Natural site for students in the second class (Lac-Ichkeul) faunistic composition, colonization of the site by the migrants, distribution spacial and temporal of species and ecological definition of site.

b- General Entomology for the 3rd class:

c- Applied Entomology for the fourth class:

d- Oleiculture Entomology

e- Phoeniciculture Entomology

f- Pheromones

g- Acarology

h- IPHM (IPM- bio control organic farming.....)

2- Adviser for many masters and PhD (list).

The studied subjects deal with economical importance topics such as:

List of students and subjects

+ Agronomy section

- Gidaoui Saliha 1989: Bioecology of Apple moth *Carpocapsa pomonella*
- Methnani Mohamed 1989: Cereal Aphids and efficiency of new insecticides
- Ben Cheik Hichem 1990: Mass-trapping of the Mediterranean fruit fly *Ceratitis capitata*
- Bel Khodja Ramzi 1990 : Behavior study in the laboratory of the parasitoids of the date moth
- Ben Amor Mohamed 1994 Climatic conditions effect on the date moth parasitoid *Phanerotoma flavitestacea* behavior.
- Arfaoui Mohamed 1994: Mass rearing of the date moth on artificial diet

+ Plant Protection section (DEA, Master degree and Ph.D.)

- Diop Mamadou 1991: Toxicity of some pyrethrinoids against *Schistocerca gregaria* and their environmental impact. **Master Degree**
- Gahbiche Hend 1993 : Alternative control means against the Mediterranean fruit fly : *Ceratitis capitata*. **Master Degree**
- Jemmazi Adel 1994: Biological control of the date palm moth *Ectomyelois ceratoniae*. **Master Degree**
- Mediouni J :1996 ; Biology and Ecology of the San Jose scale in Tunisia **Master Degree**
- Fellah Hatem 1996 : Alternative control means against the Mediterranean fruit fly on summer fruits. **Master Degree**
- Cherni Mohamed 1995 : Biological control against Date moth using the parasitoid *Phanerotoma flavitestacea* . **DEA** Animal ecology. University of Tunis
- Omrane M .1995 - irradiation impact on the pupae of the Date moth. **DEA** Animal Ecology University of Tunis
- Tijani A . 1997 Competitiveness of the Date moth males irradiated as old pupae by substerile doses. **DEA** Animal Ecology University of Tunis
- Abdelwadoud A . 1997 Biology and chemical control of the citrus leaf miner .**DEA** Animal Ecology University of Tunis.
- Gharbi Naceur. 1998 Dates protection with plastic and craft sheets effect against the rain. Impact on the infestation and parasitism rate and on the fruit quality. **DEA** Animal Ecology University of Tunis
- Mahfoudi Naima 2001 : Etude des cochenilles vectrices de viroses de la vigne et tentatives de lutte biologique. **DEA** Agriculture biologique: Méthodes d'interventions.
- Errebib Hanène 2001 : Compétitivité des mâles stériles diapausants de la pyrale des dattes vis à vis des mâles sauvages dans les vergers de grenadiers. **DEA** Agriculture biologique : Méthodes d'interventions.
- Ksentini Ines 2001: Compétitions des parasitoides autochtones (oophages et larvaires) de la pyrale des dattes au laboratoire et au champ. **DEA** Agriculture biologique: Méthodes d'interventions.

- Balti Olfa 2001 : Lutte biologique contre la mineuse des agrumes par l'introduction de nouveaux parasitoides. **DEA** Agriculture biologique: Méthodes d'interventions.
- Zouaoui Mariem 2001 : Méthodes de traitement biologiques des dattes post récolte **DEA** Agriculture biologique: Méthodes d'interventions.
- Chouria Raja 2001 : Lutte biologique contre la zeuzère des arbres fruitiers par les champignons entomopathogènes et les phénomènes sexuelles. **DEA** Agriculture biologique: Méthodes d'interventions.
- Mme Lebdi Kaouthar: Acarous fauna in Apple orchards and biology and Ecology of the Tetraneque group. Ph.D. 1997- 2004
- Krida Ghazi: The biology and alternative control means of Zeuzera pyrina; Ph.D.1998
- Jemmagui Adel : The biology and alternative means control of Pseudococcus citri ; Ph.D.1998
- Tijani A . SIT program on the date moth PhD Animal Ecology University of Tunis 1998-2001
- Abdelwadoud A. Biology and Ecology and the control means of the citrus leaf miner. PhD Animal Ecology University of Tunis 1998
- Choura R: 2003: Bioecology of leopard moth and alternative control means- Master degree INAT
- Faten Mraich 2005 Biocontrol of leopard moth : Master INAT
- Mahfoudhi N: Biology and mass rearing of Leptomastix dactylopeii Master INAT
- Gharbi naceur: 2005: Biology of Citrus mites and their control/ Phd in INAT
- Mediouni j. -2006: Genetic on Carob moth strain used for sexing In SIT program: Phd in INAT
- Mahfoudhi N- 2008: Biocontrol of Planococcus citri as vector of diseases on vine: Phd INAT
-

3- Other activities

*** - Many Field days for technicians and engineers**

- Pomegranate and pistachio pests and their control means
- CFPA Degache : Date Palm pests and their control
- Tozeur: Arab day's journey of palm tree : Protection of palm tree
- Kebili : Arab day's journey of palm tree
- CFPA Testour : Plant enemies and their control
- Tozeur alternatives for methyl bromide to control pests on dates after harvest
- Field days for Training of trainers TOT
- Field days for Field farmer school FFS

*** 44 Seminars with communications national and international.**

III - Research activities

*** The integrated control strategies on date moth**

*** Sex pheromone, isolation, and identification**

- Histological and ultrastructural studies of the date moth sex pheromone glands
 - Isolation and identification of the date moth E. ceratoniae female sex pheromone secretions
- Screening in two different biotopes, using different proportions and all possible components.

*** Biological control**

The main aim of this study was the establishment of certain introduced oophagous species and the strengthening of the action of the autochthon parasites in Oasis. For this purpose I started with a behavioral study and mass rearing of parasites, and the released parasites in the studied sites.

Other research activities

- Insecticide experimentation's, to choose the best chemical product to be used in an integrated control strategy.
- Treatment by Deltamethrin ULV against Ceratitis capitata on Citrus (treatment of bands can protect the harmful fauna).
- Treatment against Psylla pyri using chemical products mixed with a wetting, this association may give a good protection of the pear tree against both the Psyllid and cladosporium.
- Study of efficiency of some acaricides against date Tetranyques (Mitac 200 E C, Talstar 100 E C,).
- Effect of *Bacillus thuringiensis* on *Ectomyelois ceratoniae*, using two formulations:- Powder for powdering
- Emulsion concentrates XLV for spray
In two cases the treatment gave good results and had no effect on : *Phanerotoma flavitestacea*.

Post harvest in dates packing houses

- Combination use of *Bacillus thuringiensis* and parasitoids on *Ectomyelois ceratoniae* in date packing houses .
- Mass trapping method to control the date moth in the oasis and in the date packinghouses.
- Alternatives of Methyl bromide (Phosphine, CO₂, N₂...) for treatment of exported dates

Elaboration of pamphlets and brochures on Pests and their IPHM

- The date moth *Ectomyelois ceratoniae*.
- Citrus whiteflies: *Aleurothroxus floccosus* and *Parabemisia myricae*
- Pests of date palm tree in Tunisia
- Citrus mites
- Methyl bromide alternatives on dates
- Leopard moth on apples

Cooperation with International Institutions

- International foundation for science (FIS) subsidized our research from 1988 to 1991.
- Third world Academy
- INRA France.
- International Agency for Atomic energy (IAEA) subsidized our research since 1990. In 1999 we got a technical project from IAEA for four years. We are still conducting this project still now 2008
- Since 1990, we are member of OILB (Biological control international organization) on the fruit flies of economic importance group.
- FAO from 2003- 2008
- During April 2013 and April 2014, I made two missions for IAEA to OMAN Muscat, for evaluation and provide information on the Project SIT on Lesser date moth.

- Scientific visit with IAEA to Canada- Control strategy for codling moth in Calowna from 25 may to 8 June 2014.

Other activities

- Participation with the comity "Plant protection" to study the plant protection plan VIII, 1990.

List of publications and references

- DHOUIBI M. H. 1978
Study of Bacteria flora on fruits and vegetables in the market .
D.A.A. Plant protection
INA, Paris Grignon.
- DHOUIBI M. H. 1979.
Study of the efficiency and the degradation of some pyrethrinoids
and their effect on *Schistocera gregaria* reproduction
DEA Entomology Paris VI.
- PANSU, DHOUIBI 1981.
Determination of the pyrethrinoid residues (biomethrin and
deltamethrine) in biological substrates by gas chromatography: Analysis, 1981. 9 55 - 59
- DHOUIBI M. H. 1987.
ULV plane spray against the Mediterranean fruit fly *Ceratitis capitata* Report.
- DHOUIBI M. H. 1987.
Chemical treatment effects on *E. ceratoniae* population evolution (Lepidoptera:Pyralidae).
Revue de l'INAT Vol. 2 (1) 51 - 67.
- DHOUIBI M. H. 1988.
Chemical treatment against *Psylla Pyri*. (Homoptera Psyllidae) and improvement of the
chemical mean toward the pear Psyllid. Homologation Report
- DHOUIBI M. H. 1988.
Treatment trial against Desert locust larvae. Homologation report.
- DHOUIBI M. H. and JARRAYA A. 1988.
Desert locust invasion in Tunisia and its environmental impact .
Environmental day's journey : 5 June 1988.
- DHOUIBI M. H. 1988.
Behavior of some date palm Pyralid parasites in the laboratory and in the field.
International seminary : Nefta : 19-21 November 1988.
- DHOUIBI M. H. and JARRAYA A. 1989.
Chemical treatment against the date palm acarina: *Oligonychus afrasiaticus*
(Tetranychidae). Homologation report.
- DHOUIBI M. H. and JARRAYA A. 1989.
Chemical trials against sugar beat pests in Testour. April to June Homologation report.
- DHOUIBI M. H. 1989.
Tunisian desert locust invasion and control means.
La lutte antiacridienne. Ed. AUPELF-UREF, John Libbey Eurotex, Paris, 1990
- DHOUIBI M. H. 1990.
Tunisian desert locust invasion and control means.
La lutte antiacridienne. Ed. AUPELF-UREF, John Libbey Eurotex, Paris, 1990
- DHOUIBI M. H. 1990.
Plant protection and environment: alternative control means. Workshop organized by
Environment and development of under developed countries (endtm) jointly with Tunisian
association of Environment (AtPNE) . 5 march 1990.
- DHOUIBI M.H. and METHNANI M. 1990 .
Contribution to the study of cereal aphids in Kef areas. Revue de l'INAT vol. 5 (1) 31-48.
- DHOUIBI M. H. and GIDAOUI S. 1990.

Study of the efficiency of some insecticides against the apple moth *Laspeyresia pomonella* (Lepidoptera: Pyralidae). Documents Techniques. N° 106.

-DHOUIBI M.H. & GAHBICHE H., 1990.

Comparative study of different med fly traps for use in mass trapping. symposium on fruit flies of economic importance organized jointly by the OILB and MAF held at agricultural faculty of Sassari (Italy) November 26-27. 9p.

-DHOUIBI M.H. and JERRAYA A. 1991.

Note on pear Psyllid : *Psylla pyri*: Homoptera : Psyllidae. Ann. INRAT vol. 64 fasc. 3.

-DHOUIBI M. H. & JERRAYA A. 1991.

Efficiency of certain chemical products toward the Citrus White fly *Aleurothroxus floccosus* Mask (Homoptera: Aleurodidae). Med. Fac. Landbouww, Rijksuniv, Gent 56/3b, 1991.

-DHOUIBI M.H. and JERRAYA A. 1991.

The Citrus white flies *Aleurothroxus floccosus* and *Parabemisia myricae* (Homoptera: Aleurodidae). Document technique 26 p., 6 Color plates.

-DHOUIBI M.H. 1992.

The peach green aphid *Hyalopterus pruni* (Homoptera : Aphididae) Revue INAT

-DHOUIBI M.H. 1992.

San Jose scale *Quadraspidiotus perniciosus* on apple and pear trees. Ann. INRAT vol. 65 fasc. 3.

-DHOUIBI M.H. 1992.

Systematic and biology of the main aphid species established as crop pests in Tunisia. 40 pp. 11 figures.

-DHOUIBI M.H. 1992.

Efficiency of several chemical products against the whiteflies: *Aleurothroxus floccosus* Mask. and *Parabemisia myricae* Kuw (Homoptera: Aleurodidae) and their effect on their natural enemies *Cales noacki* and *Encarsia transvena*. Med. Fac.Landbouww. Univ. Gent, 57/2a,493-504.

-DHOUIBI M.H. 1992. Biology and taxonomy of the important agronomic aphids, 75 pp. 22 figures.

-DHOUIBI M.H. 1992.

Quarantine insects: International seminary on the pest's control. Bulletin OEPP/EPPO Bulletin 22, 551- 596.

-DHOUIBI M.H., GAHBICHE H.-1994. Natural population fluctuations of the Mediterranean fruit fly *Ceratitis capitata* Wied Diptera Trypetidae in two localities in the north of Tunisia and citrus infestation evolution. Symposium on fruit flies of economic importance organized by OILB held at agricultural faculty of Lisbon (Portugal) October 14-16/ 1993. Bulletin OILB/SROP vol. 17(6), 41-59.

-MEDIOUNI J. & DHOUIBI M.H. 1995.Chemical control of the San Jose scale. Journées Nationales sur les acquis de la recherche agronomique, organisées par l'IRESA du 8 au 10 décembre 1995.

-JEMMAZI A., MEDIOUNI J. & DHOUIBI M.H. 1995.

Integrated pest control against *Carpocapsa pomonella* (Lepidoptera: Tortricidae) and *Quadraspidiotus perniciosus* (Homoptera. Diaspididae) in the center of the country. Journées

Nationales sur les acquis de la recherche agronomique, organisées par l'IRESA du 8 au 10 décembre 1995.

-DHOUIBI M. H., GAHBICHE H. ET SAADIA B.-1995.

Management of chemical control in Citrus orchards. I: Evolution of fruit infestation by the med fly in function with their position on the tree and their degree of maturity. Revue fruits vol 50. N° 1, p39-49.

-DHOUIBI M. H., GAHBICHE H.-1995.

Control trials against Mediterranean fruit fly *Ceratitis capitata* Wied on Citrus and peach orchards. Revue fruits vol 50, p 281-291.

-DHOUIBI M.H., ABDELWADOUD A.L. and MEDIOUNI. -1996. Citrus leaf miner *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillaridae) in Tunisia and bioefficiency of certain insecticides. Journées nationales sur les récents acquis de la recherche agronomiques et vétérinaires. Kiops- Nabeul Novembre- 1996.

-DHOUIBI M.H., ABDELWADOUD A.L.-1997. Contribution to the study of the biology of citrus leaf miner *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillaridae) in Tunisia and bioefficiency of certains insecticides. Revue Fruits – Paris (sous presse).

- DHOUIBI M. H., et Fellah H., 1997

Evolution de l'attaque des fruits d'été par la mouche des fruits *Ceratitis capitata* (wied) en fonction de la succession des plantes hôtes .Bulletin OILB / SROP Vol 20 (8), 92-101.

-DHOUIBI M. H., et Fellah H., 1997

Utilisation de la phéromone de marquage dans la lutte contre la mouche des fruits *Ceratitis capitata* (Wied), (Diptera, Tephritidae). Bulletin OILB / SROP. Vol 20 (8), 156-167.

-DHOUIBI M.H., ABDELWADOUD A.L. and MEDIOUNI. -1997. Biology and chemical control of citrus leaf miner *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillaridae) in Tunisia. Annales ANPP- Conférence Internationale sur les ravageurs en Agriculture Tome III p 11149- 1157 du 6 au 8 Janvier 1997 à Montpellier France.

-DHOUIBI M.H., ABDELWADOUD A.L..-1998. Field evaluation of selected insecticides and petroleum spray oils for the control of citrus leaf miner *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillaridae) . Revue de l'INAT vol. 13 N° 2 .

- DHOUIBI M.H., ABDELWEDOUD A.L. ET MEDIOUNI J. 1997. Biologie et aménagement de la lutte chimique contre la mineuse des agrumes *Phyllocnistis citrella* Stainton (Lépidoptère: Gracillariidae) en Tunisie. Annales ANPP- Conférence Internationale sur les ravageurs en Agriculture Tome III, p: 1149 - 1157. du 6 - 8 Janvier 1997.

DHOUIBI M.H., ABDELWEDOUD A.L.1999. Contribution à l'étude de la biologie de la mineuse des agrumes *Phyllocnistis citrella* Stainton (Lépidoptère: Gracillariidae) en Tunisie. Revue Fruits (sous presse)

DHOUIBI M.H., ABDELWEDOUD A.L. 1999. La mineuse des agrumes et les moyens de lutte: Poster 90x 120 sur la mineuse des agrumes.

Date Palm Pests

-DHOUIBI M. H. 1982.

Bioecology of Ectomyelois ceratoniae (Lepidoptera : Pyralidae)
Ann. INRAT 55 (4) 48p.

-DHOUIBI M. H. 1982.

- Bioecology of *Ectomyelois ceratoniae* in the desert areas (Lepidoptera : Pyralidae)
 Doctor engineer thesis Paris VI, 145 pp.
- DHOUIBI M. H. 1984.
 The date moth *Ectomyelois ceratoniae* (Lepidoptera Pyralidae)
 a major pest on pomegranates and dates in Tunisia.
 Svenska entomologiska.
- DHOUIBI M. H. 1984.
 Histological study of pyralid sex pheromone glands, which attack stored products. INA,
 Paris-Grignon.
- DHOUIBI M. H. 1985.
 Chemical treatment effects on *Ectomyelois ceratoniae* population on pomegranate trees.
 Document technique INRAT, n° 92.
- DHOUIBI M. H., FRADJ J. & ZAARAOUI H. 1985.
 Chemical treatment trial against *Ectomyelois ceratoniae* on date palm trees: Document
 technique n° 97.
- DHOUIBI M. H. 1985.
 Date palm tree insects and their control means in Tunisia (in Arabic) Arab day's journey
- DHOUIBI M. H. 1985.
 Study of *E. ceratoniae* antenna receptors and spectrometry analyses of female extracts.
 Report in chemical ecology laboratory in Goteborg.
- DHOUIBI M. H. 1989.
 Biology and ecology of *E. ceratoniae* in two different biotopes and
 Research of alternative control means. State doctor's degree of science. University of Pierre
 and Marie Curie, Paris VI. 190 PP.
- DHOUIBI M.H. 1991.
 The most important date palm tree pests in Tunisia. 64 pp., 16 color plates.
- DHOUIBI M.H. 1992.
 Effect of *Bacillus thuringiensis* XLV on the date moth *Ectomyelois ceratoniae* Zeller
 (Lepidoptera: Pyralidae). Med. Fac. Landbouww, Rijksuniv, and Gent, 57/2b, 505-514.
- DHOUIBI M.H. 1993.
 Using *Bacillus thuringiensis* Kurstaki against the date moth *Ectomyelois ceratoniae* Zeller
 (Lepidoptera: Pyralidae); Document rénotypé ; 45p.
- DHOUIBI M.H. & A. JEMMAZI, A.- 1993.
 Biological control against the date moth *Ectomyelois ceratoniae* (Lepidoptera: Pyralidae)
 using *Habrobracon hebetor* (Hymenoptera: Braconidae) in pomegranate orchards. Med. Fac.
 Landbouww. Univ. Gent. 58/2a, 427- 436.
- DHOUIBI M.H. 1993.
Bacillus thuringiensis Kurstaki against the date moth *Ectomyelois ceratoniae* Zeller
 (Lepidoptera : Pyralidae); Document technique ; 54 pp .4 colour plates.
- DHOUIBI M.H. 1994.
 Bacillus thuringiensis treatment (Powder and emulsion XLV) against the pyralid moth
Ectomyelois ceratoniae Zeller (Lepidoptera: Pyralidae). Documents techniques N° 112, 27p.
- DHOUIBI M.H. & A. JEMMAZI 1994.

Using *Bacillus thuringiensis* and *Habrobracon hebetor* (HYMENOPTERA: BRACONIDAE) for controlling *Ectomyelois ceratoniae* (LEPIDOPTERA PYRALIDAE) in stored dates. Revue fruits, Paris, 1995.

-DHOUIBI M.H. & A. JEMMAZI 1994.

Biological control against *Ectomyelois ceratoniae* Zeller using *Habrobracon hebetor* in pomegranate orchards and stored dates. Journées Nationales sur les acquis de la recherche agronomique, organisées par l'IRESA du 2 au 4 décembre 1994.

DHOUIBI M. H. et OMRANE, 1995. Effect of gamma radiation at different ages of the carob moth *Ectomyelois ceratoniae* Zeller (Lepidoptera: Pyralidae). IAEA works hop and research coordination meeting on evaluation of population suppression by irradiated Lepidoptera and their progeny. Jakarta, 17-18 April 1995.

DHOUIBI M. H.1995:

Date palm pest problems and their control in Tunisia. Expert consultation, 22-26 April, Al-Ain, United Arab Emirates, Organized by Food and Agriculture Organization of the United Nations. Regional Office for the Near East, Cairo.

- DHOUIBI M.H. & ABDERRAHMANE C. T 1996. Mating competitiveness of irradiated males and females of the carob moth *Ectomyelois ceratoniae* (Lepidoptera: Pyralidae). Second research Co-coordinated meeting on " Evaluation of population Suppression by Irradiated Lepidoptera and their progeny", Vienna 2-6 September 1996.

-DHOUIBI M.H. & A. JEMMAZI 1996.

Natural population fluctuations of *Ectomyelois ceratoniae* Zeller (Lepidoptera: Pyralidae) in different biotopes. Revue INAT, 1996.

-DHOUIBI M.H., HAWLITZKY N., CHARNI M., KRISSAANE T ET ZAARAOUI H. 1997. Biological control against *Ectomyelois ceratoniae* Zeller (Lepidoptera: Pyralidae) using *Phanerotoma flavitestacea* Fischer (Hymenoptera: Braconidae) in the oasis. Biological control review.

-DHOUIBI M.H., HAWLITZKY N., KRISSAANE T. 1997.

Dispersion of the parasitoid *Phanerotoma flavitestacea* Fischer (Hymenoptera: Braconidae) used against *Ectomyelois ceratoniae* Zeller (Lepidoptera: Pyralidae) during 1996. Symposium on chemical impact and biological control of the pests organized by OILB held at Environmental Ministry of Tunisia (Tunis). October 15-18/ 1997.Bulletin OILB/SROP-Germany.

-DHOUIBI M. H. & ABDERRAHMANE A. 1998.

Rearing and gamma radiation effect at different ages on the date moth *Ectomyelois ceratoniae* pupae (Lepidoptera: Pyralidae) and competitiveness of males. Florida entomologist review.

-DHOUIBI M.H., HAWLITZKY N., ZAARAOUI H. T. ABDERRAHMANE, CHARNI M., KRISSAANE T. and BEN MOUSSA I. 1998. Integrated biological control against the date's moth in oasis and in packinghouses in Tunisia. Symposium of Malaysia 25 May – 5 June 1998.

DHOUIBI, M.H. (1998)-Impact of the predator *Neoleiulus californicus* on the old world date mite *Oligonychus afrasiaticus* Mac Gregor in tunisian oases. Revue INAT.

DHOUIBI M.H. & ABDERRAHMANE C. T, 2000. Elevage de la pyrale des dattes *Ectomyelois ceratoniae* sur milieu artificiel. Tropicultura (sous presse)

- DHOUIBI M.H. & ABDERAHMANE C. T, 2001. Radiation induced sterility in adults date moth *Ectomyelois ceratoniae* Zeller (Lepidoptera: Pyralidae)- (sous presse)
- DHOUIBI M.H. & ABDERAHMANE C. T, 2001. Effect of Gamma irradiation on F1, and F2 progeny of partially sterile male *Ectomyelois ceratoniae* Zeller (Lepidoptera: Pyralidae). (sous presse)
- ABDERAHMANE C. T & M.H. DHOUIBI, 2001. Effet de l'irradiation sur différents paramètres écophysiologiques et sur la stérilité héritée des adultes de la pyrale des dattes *Ectomyelois ceratoniae* irradiés à différentes doses de rayonnement gamma. Fruits (sous presse)
- ABDERAHMANE C. T & M.H. DHOUIBI, 2001. Dispersion, compétitivité et attraction des adultes mâles irradiés et non irradiés de la pyrale des dattes *Ectomyelois ceratoniae* aux pièges renfermant des femelles vierges Fruits (sous presse)
- DHOUIBI M.H. & ABDERAHMANE C. T, 2001. Impact des lâchers des Trichogrammes et des adultes irradiés d'*Ectomyelois ceratoniae* sur la population sauvage de ce ravageur dans un verger de grenadier Fruits (sous presse).
- DHOUIBI M.H., CHEIK T., JNAOUI R. ET JENDOUBI S., (2001)-Lutte contre la pyrale des dates *Ectomyelois ceratoniae* (Lep. Pyralidae) par la Technique des Insectes Stériles. Proceeding du symposium sur la Protection integree des cultures dans la région Méditerranéenne, Rabat du 29 au 31 mai, 237-249.
- DHOUIBI M.H. & ABDERAHMANE C. T, (2001), Radiation induced sterility in adult date moth *Ectomyelois ceratoniae* Zeller (Lepidoptera: Pyralidae) - CR AIEA.
- DHOUIBI M.H.(2004)- Current control measurements to combat the old world mite(*Oligonychus afrasiaticus* Mc Gregor: Acarina: Tetranychidae) in absence of conventional miticides. Date Palm Regional Workshop on Ecosystem based IPM for Date palm in the Gulf countries Al Ain/UAE from 27 /3 -31/3/2004.
- DHOUIBI. M.H. and CHERIDI A.- (2005a): Bioassays results conducted in Biocontrol laboratory in Riyadh during the campaign 2004/2005- Ministry of Agriculture- Plant Protection Department. Biocontrol laboratory . Saudi Arabia, 95pp. (in Arabic)
- DHOUIBI. M.H. and CHERIDI A.- (2005b): Biological control of the lesser date Moth *Batrachedra amydraula* Meryrick - Ministry of Agriculture- Plant Protection Department. Biocontrol laboratory.Saudi Arabia, 12pp. (in Arabic)
- DHOUIBI. M.H. and CHERIDI A.- (2005c): Biocontrol of the old World Date moth *Oligonychus afrasiaticus* McGregor- Ministry of Agriculture- Plant Protection Department. Biocontrol laboratory Saudi Arabia,12pp. (in Arabic)
- DHOUIBI M.H. and HAJRAF ESSAADI S. (2006) -Biocontrol of the lesser date moth *Batrachedra amydraula* Meryrick (Cosmopteridae = Batrachedridae) on date palm trees. Third International Date Palm Conference: Abu Dhabi, UAE; 19 – 21 February 2006
- DHOUIBI M.H.- KHAZAAL M. and CHARIDI A. (2006) Biocontrol of Old world date mite *Oligonychus afrasiaticus* in date palm organic farming orchards under Saudi Arabia conditions. Third International Date Palm Conference: Abu Dhabi , UAE; 19 – 21 February 2006.
- DHOUIBI M.H. 2006- FAO Final Report of Bio-control activities in Saudi Arabia for the period 2003-2006. FAO, 51pp.
- DHOUIBI M.H. 2007- Date Palm pests and their integrated Control-196p- FAO documents-Project 002.Saudi Arabia

Post Harvest and methyl bromide alternatives

DHOUIBI, M.H., HEDIDAR, S., BEN HARRATH. B., (1998), Utilisation du bromure de méthyle et méthodes alternatives en Tunisie. PNUD. Pp 29.

-DHOUIBI M.H. 1994.

Bacillus thuringiensis treatment (Powder and emulsion XLV) against the pyralid moth *Ectomyelois ceratoniae* Zeller (Lepidoptera: Pyralidae). Documents techniques N° 112, 27p.

-DHOUIBI M.H. & A. JEMMAZI 1994.

Using *Bacillus thuringiensis* and *Habrobracon hebetor* (HYMENOPTERA: BRACONIDAE) for controlling *Ectomyelois ceratoniae* (LEPIDOPTERA PYRALIDAE) in stored dates. Revue fruits, Paris, 1995.

-DHOUIBI M.H. & A. JEMMAZI 1994.

Biological control against *Ectomyelois ceratoniae* Zeller using *Habrobracon hebetor* in pomegranate orchards and stored dates. Journées Nationales sur les acquis de la recherche agronomique, organisées par l'IRESA du 2 au 4 décembre 1994.

DHOUIBI M.H., HAJJEJ I. ET ZOUAOUI M. (2001)- Méthodes alternatives au Bromure de Méthyle: Proceeding du symposium sur la Protection intégrée des cultures dans la région méditerranéenne, Rabat du 29 au 31 mai, 357-370.

DHOUIBI M.H. ET HAJJEJ I 2002- Méthodes alternatives au bromure de méthyle : Résultats des travaux réalisés- Documents rénotypé INAT- GID.

TLIBI Houda-2014- Efficacité de methods de lute biologique contre la pyrale des dates sur agrumes et dans les stations de conditionnement. PFE-75p – Encadreur Dhouibi.

Brevet for New method for date fumigation

Books

DHOUIBI M.H. 2000 – Lutte intégrée pour la protection du palmier dattier en Tunisie- Centre de Publication Universitaire- 140 pp- Collection M/Science de l'ingenieur. ISBN-997394884X-140p.

DHOUIBI M.H. 2002- Introduction à l'Entomologie (Morphologie, Anatomie, Systématique et Biologie des principaux ordres d'Insectes ; 226pp, CPU.

DHOUIBI M.H. 2005- Date palm pests and their control in North Africa and near east. FAO publications.

Pamphlets

DHOUIBI M.H. 2005- 5 pamphlets on biocontrol of 5 pest species of Economic importance in gulf area with biopesticides tested in different regions- FAO documents.

From 2003 -2008 I was recruited as FAO expert on IPM on date Palms and green houses and other fruit trees pests in KSA; Duty station was Riyadh in order to develop a strategy for IPM on many date palm Pests in the field and in stored dates and looking for methyl bromide alternatives (CO₂, phosphin and mass trapping.....), we established then many rearing units in different regions in KSA for natural enemies to control date palm pests in the field and on stored dates, in Riyadh , hail , Zilfi , alkharej and conducting several field days for engineers and farmers in order to establish TOT and FFS in the field of IPHM. It was an ambitious program.

Dhouibi M.H.(2004)- Current control measurements to combat the old world mite(*Oligonychus afrasiaticus* Mc Gregor: Acarina: Tetranychidae) in absence of conventional miticides. Date Palm Regional Workshop on Ecosystem based IPM for Date palm in the Gulf countries Al Ain/UAE from 27/3 -31/3/2004.

Jouda Mediouni1, Iva Fukova' , Radmila Frydrychova' , **Mohamed Habib Dhouibi** and Frantis'ek Marec, 2004- Karyotype, sex chromatin and sex chromosome differentiation in the carob moth, *Ectomyelois ceratoniae* (Lepidoptera: Pyralidae)

Dhouibi M.H. and cheridi A.- (2005a): Bioassays results conducted in Biocontrol laboratory in Riyadh during the campaign 2004/2005- Ministry of Agriculture- Plant Protection Department. Biocontrol laboratory . Saudi Arabia, 95pp. (in Arabic)

Dhouibi. M.H. and cheridi A.- (2005b): Biological control of the lesser date Moth *Batrachedra amydraula* Meryrick - Ministry of Agriculture- Plant Protection Department. Biocontrol laboratory.Saudi Arabia, 12pp. (in Arabic)

Dhouib. M.H. and cheridi A.- (2005c): Biocontrol of the old World Date moth *Oligonychus afrasiaticus* McGregor- Ministry of Agriculture- Plant Protection Department. Biocontrol laboratory Saudi Arabia,12pp. (in Arabic).

Mahfoudhi N., M.H. Dhouibi & N. Chabbouh, 2005. Etude de quelques paramètres

morphologiques et biologiques de la cochenille farineuse *Planococcus citri* Risso (Homoptera : Pseudococcidae). *Revue de l'INAT* 20(2): 51-63.

Mediouni Jouda- 2005- Détermination de la dose optimale est sexage génétique chez la pyrale des dattes. *Ectomyelois ceratoniae*- Nouvelle Thèse- Institut National Agronomique de Tunis : 190 pages (Encadreur/ Dhouibi Mohamed Habib)

Dhouibi M.H. and Hajrah S. (2006) -Biocontrol of the lesser date moth *Batrachedra amydraula* Meryrick (Cosmopteridae = Batrachedridae)_on date palm trees. Third International Date Palm Conference: Abu Dhabi, UAE; 19 – 21 February 2006

Dhouibi M.H.- Kazzal M. and charidi A. (2006) Biocontrol of Old world date mite *Oligonychus afrasiaticus* in date palm organic farming orchards under Saudi Arabia conditions. Third International Date Palm Conference: Abu Dhabi , UAE; 19 – 21 February 2006.

Dhouibi M.H. 2006- FAO Final Report of Bio-control activities in Saudi Arabia for the period 2003- 2006. FAO, 51pp.

Dhouibi M.H. 2007- Date Palm pests and their integrated Control-196p- FAO documents-Project 002.Saudi Arabia

Mahfoudhi N., Habili N., Masri S.Q & Dhouibi M. H. 2007. First Report on the Occurrence of *Grapevine leafroll-associated viruses* 5 and 9 in Tunisian Grapevines. *Plant Disease* 91(10) : 1359. DOI: 10.1094/PDIS-91-10-1359A.

Mediouni J. and M. H. Dhouibi 2007 -Mass-Rearing and Field Performance of Irradiated Carob

Moth *Ectomyelois ceratoniae* in Tunisia. AREA-WIDE CONTROL OF INSECT PESTS, 2007, 3, 265-273, DOI: 10.1007/978-1-4020-6059-5_25
Dhouibi M.H. 2007- Date Palm pests and their integrated Control-196p- FAO documents- Project 002.Saudi Arabia.

Activity Report from end of 2008 at INAT after my mission FAO

Name: Mohamed Habib Dhouibi

Rank: Professor of Entomology

Department: Crop Protection

Specialty (Entomological: Title of PhD status in Paris: Biology and ecology of date moth *Ectomyelois ceratoniae* in two different habitats in southern Tunisia and search for alternatives):

I- Lectures

A. Lectures at INAT

1-II Crop protection classes: ER AF BIS 30Hours

2-A 3rd chemical mediators class Phytiatrie 30h

3-crop Pests 3rd A class Phytiatrie 30h

4-Alternative methods integrated Master Control 30h

B. IPM on date Palm at Bari

II. Supervisor of certain research activities(PFE, Masters, and PhD)(finished and ongoing)

1-Naima Mahfoudh-do PhD -Scales vector viruses associated with disease of the leaf rolling vineyards in Tunisia: sustained 25/6/2009

2 - Elaire Manel-PhD: vectors of phytoplasmas fruit trees in Tunisia (ongoing)

3 - Najar Besma- PhD: biopesticides (extraction, identification and efficacy of pests of economic importance Tunisia (ongoing)

4 - Fritis Ahmed - PhD: Thrips on citrus in Tunisia (Bio ecology and control methods) (ongoing)

5-Badi Souhir - Ph.D.: Biological control against the tomato pinworm by using the predator population (in progress)

6 - Hamada Rihab Belhaj-Master: Biological control of *Ectomyelois ceratoniae* on citrus (ongoing)

7 - Amira Cherif-Master: bioecology of mealybug from the hibiscus recently introduced in Tunisia (ongoing)

8-Titouh Faten: Master Integrated control against the tomato leafminer (ongoing).

9 - HMem Bourissa Manal-Master: Bio ecology of bean weevils *Lixus algirus* and Integrated Pest Management (ongoing)

- 10-Abir Lagha: Masters - Biological control of mealybug of hibiscus by the use of its predator *Cryptolaemus mountrozieri* (ongoing)
- 11 - Dridi Rim-Master- alternatives to methyl bromide (ongoing)
- 12 - Smaan Mariem-Master -assessment of different Capsules pheromones *Tutta absoluta* and mass trapping in greenhouses (ongoing)
- 13 Ayet Limam Emna-PFE-Trials against stored insects by the use of biopesticides (ongoing)
- 14 - Safa Mejri-PFE-bioinsecticides from plant origins and their use in Organic farming
- 15- Takoua slimani- PFE- 2010/2011- Biocontrol of Tomato leafminer using *Trichogramma*.
- Boulmharen Radia- 2013-- PhD on parasitoides of Tomato leaf miner

III. Projects and research agreements

- National Project on tomato leaf miner
- Action on alternatives to methyl bromide

5. Other activities

- Since 2005- I gave as International staff, yearly a course on IPM on Date Palm pests in BARI (International Centre for Advanced Mediterranean Agronomic studies in Italy)

Day-on insecticide use and implementation of an IPM strategy in Tunisia: UTAP

- Evaluation of research activities currently carried out using nuclear technology for IAEA from 9 to 14 September 2009 Vienna

- Head of the national commission of Plant Protection and Quality control of Agricultural products (Nominated by the minister of Agriculture)
- Participation in events organized by the General Directorate for Crop Protection.

Day-on insecticide use and implementation of an IPM strategy in Tunisia: UTAP

- Evaluation of research activities currently carried out using nuclear technology for IAEA from 9 to 14 September 2009 Vienna

- Head of the national commission of Plant Protection and Quality control of Agricultural products (Nominated by the minister of Agriculture)
- Participation in events organized by the General Directorate for Crop Protection.

- Participation in juries of Masters and PhD at INAT

- Mejri Manel: Master: Examiner: Contribution to the study of the infestation of seeds of *Acacia tortilis* by bruchids: submitted 8/1/2010

- Chouchane mohamed: PhD - reporter / contribution to the study of biodiversity of Apoidea in Tunisia (2010)

- Merierm Boutiti 2011- Président: Doctorat en Protection des cultures February 2011.

- Trabelsi M 2011- Medfly biocontrol- Master as member.

-Faten Titouhi, 2011-Lutte intégrée contre la mineuse de la tomate *Tuta absoluta* Povolny 1994,(Lepidoptera , Gelechidae)77p, Mastère de Phytiatrie, INAT.

-Amira cherif, 2011-Lutte Contribution à l'étude de la cochenille de l'Hibiscus *Maconellicoccus hirsutus* et tentative de lutte biologique4, (Hemiptera , Pseudococcidae)78p, Mastère de Phytiatrie, INAT.

-Rihab Bel haj HAMADA, 2011-Lutte biologique contre la pyrale des dattes *Ectomyelois ceratoniae* Zeller , 1881 (Lepidoptera : Pyralidae) 81p, Mastère de Phytiatrie, INAT.

-Hend RAHMANI -2011- Valorisation des noyaux de dattes en charbon actif pour l'adsorption de Pesticides 2.4D. 86p, Mastère en Agroalimentaire, INAT.

-Faten Mohamed MRAIECH- 2012-Etude de l'effet de la mouche de l'olive *Bactrocera oleae* Gmel, 1788 sur la qualité des huiles et recherche de méthodes de lutte en concordance avec la production biologique. 187p. Doctorat en protection des plantes.NAT,

-Ali Anwar DIBOU 2012- Etude des facteurs agissant sur le développement du Psylle de l'olivier *Euphyllura olivine* Costa , 1839 5Hemiptera, Psyllidae) et orientation vers les méthodes de lutte biologiques 234p. Doctorat en protection des plantes.NAT,

Abir Lagha -2012- Lutte biologique contre *Maconellicoccus hibiscus* moyennant La coccinelle prédatrice *Cptolaemus mountrouzeiri*. Master de Lutte intégrée et Biologique 90p. Institut National Agronomique de Tunisie.

El Air Manel . 2012. Occurrence of Fig mosaic virus (FMV) in Tunisian Fig Orchards. *Journal of Plant pathology* 94 S4.85- S4.105. (**impact factor :0.79**)

- Participation as member of Masters and PhD juries at the University of Science in Tunis ou de sfax

- Ines KSENTINI-PhD-Rapporteur-Contribution to the study of bio-ecology of the moth bean *Ectomyelois ceratoniae* (Lepidoptera, Pyralidae) and other herbivores in pomegranate orchards: importance of damage and testing Oophaga parasitoid of the genus *Trichogramma*

(Hymenoptera: Trichogrammatidae) (28 May 2010).

- Zaineb Abdellah: Master as Président -Investigation of the chemical ecology of date palm pest *Oryctes agamemnon* Burmeister - May 7, 2009 .
- Imen BLIBECH- 2012- Etude de la lutte biologique intégrée contre la teigne de l'olivier *Prays oleae* Bern (Lepidoptera : Hyponomeutidae) : Emploi des des parasitoides entomophages et des bactériesentomopathogènes et perspectives de protection biologique de l'olivier en Tunisie, 177p, Doctorat en sciences biologiques, Faculté des sciences de sfax.
- Sameh Ben Chaabane Majdi- 2012- Contribution à l'étude de la bioécologie de l'acarien tisserant du palmier dattier *Oligonychus afrasiaticus* McGregor (Acarina,Tetranychidae) à Segdoudnet à Degache. 266p, Doctorat en sciences biologiques, Faculté des sciences de Sfax.
- Ben Arif Marwa 2012– Analyse des résidus des pesticides utilisés contre la mineur sur tomates PFE- ISBAAT 76p

6. Activities with RNE FAO and OIOS and AIEA

- +I was also recruited by OIOS (Office of International Oversight services) as independent expert for Comparative assessment of nuclear technology on food and agriculture in Vienna 9-13 November 2009 for control of major insect pests
- +I was hired by FAO as consultant for one month to establish a project on IPM and quarantine system in North Africa countries (UMA), for 3 years since 25/1/2010. Development of an IPM strategy for the countries of North Africa on behalf of FAO (UMA-May 2010).
- + I also conducted the TCP of sit project against date Moth with IAEA since january 2012. I am the Tunisian counterpart.

Publications list from 2008 after my mission with FAO

- Mahfoudhi N., Digiaro M. & **Dhouibi M. H.** 2008. Incidence and Distribution of Grapevine leafroll-associated viruses in Tunisian Vineyards. *Journal of Phytopathology* **156**: 556 -558. doi: 10.1111/j.1439-0434.2008.01414.x.
- Mahfoudhi N., Digiaro M. & **Dhouibi M. H.** 2009. Transmission of Grapevine Leafroll Viruses by *Planococcus ficus* (Hemiptera: Pseudococcidae) and *Ceroplastes rusci* (Hemiptera: Coccoidea). *Plant Disease* **93** : 999-1002. doi:10.1094/PDIS-93-10-0999.
- Mahfoudhi N. & **Dhouibi M.H.** 2009. Survey of mealybugs (Hemiptera: Pseudococcidae) and their natural enemies in Tunisian vineyards. *African Entomology* **17**(2): 154 – 160.
- Mahfoudhi N- 2009-Les cochenilles vectrices des virus associés à la maladie de l'enroulement foliaire de la vigne en Tunisie.157p5 encadreur : **Dhouibi Mohamed Habib**.
- Mediouni-Be jamaa, Olfa achrouch Ezzddine Alimi and **Mohamed Habib Dhouibi**. 2010. Mass Trapping Based on the Use of Female Food-Attractant Tri-pack® as Alternative for the Control of the Medfly *Ceratitis capitata* in Citrus Orchards in Tunisia. *Tunisian Journal of Plant Protection*, 2010, 5(1): 71-82.

Mediouni j.Ben Jemâa, O. Bachrouch, El Allimi and **M. H. Dhouibi**. 2010. Field evaluation of Mediterranean fruit fly mass trapping with Tripack® as alternative to malathion bait-spraying in citrus orchards. Spanish Journal of Agricultural Research 8(2), 400-408.

Dhouibi M.H & Mediouni j.Ben Jemâa -2010-Biological control of the date moth *Ectomyelois ceratoniae* Zeller (Lepidoptera: Pyralidae) using Sterile Insect Technique. Tenth Arab Conference on the Peaceful Uses of Atomic Energy, Republic of Iraq, 12-16 December 2010.

Mediouni j. and **Dhouibi M.H.**- 2010-Use of partially sterile technique for the control of the carob moth *Ectomyelois ceratoniae* Zeller 5 Lepidoptera: Pyralidae) and its impact on biological parameters of irradiated adults. Tenth Arab Conference on the Peaceful Uses of Atomic Energy, Republic of Iraq, 12-16 December.

Dhouibi M.H*, Titouhi F^{*}.- Janvier 2011-Lutte intégrée contre la mineuse de la tomate *Tuta absoluta* (Meyrick: 1917 ; Povolny: 1994), (Lepidoptera : Gelechiidae) Document 22p .

El Air M., Mahfoudhi N., Elbeaino T., Digiaro M & **M. H. Dhouibi**. 2011. Incidence du Fig mosaic virus (FMV), *Fig leaf mottle-associated virus 1* (FLMaV-1) et *Fig leaf mottle-associated virus 2* (FLMaV-2) dans les vergers de figuiers en Tunisie. *Les Journées Internationales de Biotechnologie*, Sousse du 19 au 22 Décembre 2011, p: 348.

El Air M., Mahfoudhi N., Elbeaino T., **Dhouibi M.H** & M. Digiaro. 2011. Présence du *Fig mosaic virus* dans les figueraies tunisiennes. *Les Septièmes Journées Scientifiques de Microbiologie*, Hammamet du 25 au 27 Novembre 2011, p: 109.

El Air M., Mahfoudhi N., Elbeaino T., **Dhouibi M.H** & M. Digiaro. 2012. Occurrence of Fig mosaic virus (FMV) in Tunisian Fig Orchards. *Journal of Plant pathology* 94 S4.85-S4.105. (**impact factor :0.79**)

Dhouibi M.H. 2013- Gestion phytosanitaire intégrée des principaux bio-agresseurs du palmier dattier, et particulièrement les pyrales des dattes. Edition 2013 Climat pub. 68pages

El Air M., Mahfoudhi N., Elbeaino T., **Dhouibi M.H** & M. Digiaro. 2013. Presence of Fig mild mottle-associated virus and Fig latent virus 1 in Tunisia. *Journal of plant pathology* 95 S4.69 S4.77(**impact factor :0.79**)

El Air M., Mahfoudhi N., Bayoudh C., Mars M & **M.H Dhouibi**. 2013. Sanitary selection of virus-free clones for the establishment of organic fig (*Ficus carica L.*) orchards. *International Symposium: « Crop Protection Management in Mediterranean Organic Agriculture », Sousse (Tunisia) May 14 -16, 36-37*

El Air M., Mahfoudhi N., & **M.H.Dhouibi**. 2013. Distribution of *Fig cryptic virus* (FCV) and *Fig fleck-associated virus* (FFkaV) in Tunisian fig (*Ficus carica L.*) orchards. *IV Meeting International sur la Gestion des Ressources et Applications Biotechnologiques en Aridoculture et Cultures Sahariennes : perspectives pour un développement durable des zones arides*, Djerba du 17 au 19 Décembre 2013.

Manel ELAIR^{1,2*}, Naima MAHFLOUDHI¹ et Mohamed Habib DHOUBI² 2014 **Study of temporal variation of Fig mosaic virus (FMV) concentration in fig phloem.** Tunisian Association of Biological Sciences; 25 ième forum international de ATSB Hammamet du 24- 27 march 2014.

Houda TLIBI-2014- Efficacité de methods de lute biologique contre la pyrale des dates sur

agrumes et dans les stations de conditionnement. PFE-75p – Encadreur Dhouibi Abir Lagha et Dhouibi Mohamed Habib- Lutte biologique contre la cochenille farineuse de l'hibiscus par son prédateur Cryptolaemus montrouzeiri- CIEF8 23-27 juin 2014 Hammamet Tunisie.

El Air M., Mahfoudhi, N., Bayoud C., Selmi I., Mars M., & Dhouibi M.H. Sanitary selection of virus-tested fig (*Ficus carica* L.) cultivars in Tunisia. *Tunisian Journal of Plant Pathology.* (In press)

M. El Air, Mahfoudhi N., Elbeaino T., Digiaro M., & Dhouibi M.H. Viruses incidence and distribution in Tunisian fig orchards. *Journal of plant pathology* (accepted)

COMMUNICATION PAR AFFICHES (POSTERS)

El Air M., Mahfoudhi N., & M. H. Dhouibi. **2014.** Study of temporal variation of *Fig mosaic virus* concentration in fig phloem. Le 25ème Forum international de l'Association Tunisienne des Sciences Biologiques (ATSB), Hammamet- Tunisie du 24 au 27 Mars 2014

El Air M., Mahfoudhi N., & M.H.Dhouibi. **2013.** Distribution of *Fig cryptic virus* (FCV) and *Fig fleck-associated virus* (FFkaV) in Tunisian fig (*Ficus carica* L.) orchards. *IV Meeting International sur la Gestion des Ressources et Applications Biotechnologiques en Aridoculture et Cultures Sahariennes : perspectives pour un développement durable des zones arides*, Djerba du 17 au 19 Décembre 2013.

El Air M., Mahfoudhi N., Elbeaino T., Digiaro M & M. H. Dhouibi. **2011.** Incidence du Fig mosaic virus (FMV), *Fig leaf mottle-associated virus 1* (FLMaV-1) et *Fig leaf mottle-associated virus 2* (FLMaV-2) dans les vergers de figuiers en Tunisie. *Les Journées Internationales de Biotechnologie*, Sousse du 19 au 22 Décembre 2011, p: 348.

El Air M., Mahfoudhi N., Elbeaino T., Dhouibi M.H & M. Digiaro. **2011.** Présence du *Fig mosaic virus* dans les figueraines tunisiennes. *Les Septièmes Journées Scientifiques de Microbiologie*, Hammamet du 25 au 27 Novembre 2011, p: 109.

COMMUNICATION ORALE

El Air M., Mahfoudhi N., Bayoudh C., Mars M & M.H Dhouibi. **2013.** Sanitary selection of virus-free clones for the establishment of organic fig (*Ficus carica* L.) orchards. *International Symposium: « Crop Protection Management in Mediterranean Organic Agriculture »*, Sousse (Tunisia) May 14 -16, 36-37.

Publications scientifiques durant l'année universitaire 2015-2016

Intitulé de la publication
<ul style="list-style-type: none">• Dhouibi Mohamed Habib, Lagha Abir, Ben salem Asma ,2015, The Efficiency Of Combination of Phosphin, CO2 and Temperature Treatment for Dates Fumigation in Tunisia as alternative to Methyl Bromide, International Journal of agriculture Innovations and Research
<ul style="list-style-type: none">• Dhouibi Mohamed Habib, Hermi Nouha, Hajjem Bechir, Hammami Youssef, Ben Arfa Maher,

2015, Efficacy of CO and CO₂ Treatment to control the Stored-Date Insects, *Ephestia kuehniella* and *Ectomyelois ceratoniae* for organic Dates Production, International Journal of agriculture Innovations and Research .

- Ben Amor Rihab, Dhouibi Mohamed Habib, Aguayo Encarna, **2016**: Hot water treatment combined with cold storage as a tool for *Ectomyelois ceratoniae* mortality and maintenance of Deglet Noor palm, journal Postharvest Biology and Technology
- Rihab Ben Amor ^(a), Mohamed Habib Dhouibi^(b), Nouha Hermi^(b), María Dolores de Miguel ^(c), Encarna Aguayo ^{(a,d)*2016} Freezing treatments for *Ectomyelois ceratoniae* mortality and maintenance of Deglet Noor palm date quality
- Dhouibi Mohamed Habib, Lagha Abir, Ben Salem Asma, Hammami Youssef, **2015**, la fumigation des dattes : une nouvelle alternative au bromure de Méthyle, ANPE- INAT- ONUDI
- Dhouibi Mohamed Habib, , Ben Salem Asma, Hammami Youssef- **2016**, Guide pratique pour l'utilisation du générateur de phosphine pour la fumigation des dattes en Tunisie, ANPE- INAT- ONUDI.
- Biocontrol of the Carob Moth *Ectomyelois Ceratoniae* (Lepidoptera, Pyralidae) in Pomegranate and Citrus Orchards in Tunisia: DHOUIBI Mohamed Habib, HERMI Nouha ,SOUUDANI Dalia and THLIBI Houda. **2016**- International Journal of Agriculture Innovations and Research Volume 4, Issue 5, ISSN (Online) 2319-1473 .

DHOUIBI Mohamed Habib¹ HAWARI Wiem¹ TOUIL Sana² ZOUBA Anis²
N HAMIDA Foued² 2017 Biocontrol of the Carob Moth *Ectomyelois ceratoniae*(L.)
ases in the south of TUNISIA using mating disruption with SPLAT EC O. Interna

En 2016 Encadrement et soutenance de :

Ncib Mouna septembre 2016 :PFE : bio-écologie et piégeage du charançon rouge du palmier

Manel Al EIR : soutenance de these le 26 octobre 2016 les virus associés au figuier et leur vecteurs

• Travaux sur le charançon rouge en Tunisie depuis 2015

- **Dhouibi Mohamed Habib et Ncib mouna 2016 : Effect of color trap, density and Pheromone capsule types on the trapping efficacy for red palm weevil *Rhynchophorus ferrugineus*. International Journal of Agriculture Innovation and Research. Volume 5; issue 1 ISSN 2319-1473. Available online.**
- **Dhouibi M.H.Ncib, Chiboub T., Helali F.,Zoub A. Touil; S. and Benhamida F.2016 Red Palm weevil in Tunisia, document 18p, edition 2016**

4 articles en préparation sur le charançon rouge du palmier en Tunisie (soumis pour publication) à paraître :

- **1- Efficacité du piégeage sexuel (volume du piégeage et type de capsule utilisée) contre la charançon rouge du palmier**
- **2- Efficacité du traitement foliaire sur charançon moyennant des produits biologiques (Beauveria bassiana, bioveevil.....)**

- **3- Traitement par endothérapie : comparaison de l'efficacité de certains produits comparativement au traitement avec le produit « revive »**
- **4- Efficacité du traitement foliaire et racinaire d'un produit très rémanent de 16 à 24 mois (suxon 5%) et analyse de la rémanence des produits utilisés sur les palmiers traités.**