

## Curriculum Vitae

**Dr. Ebrahim Mohamed Eid**

Botany Department

Faculty of Science

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### 1- Contact data

**Name:** Ebrahim Mohamed Eid

**Position:** Lecturer

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El-Geesh Street, 33516 Kafr El-Sheikh, Egypt.

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### 2- Personal data

**Sex:** Male

**Date of Birth:** 20/10/1975

**Place of Birth:** Marsa Matrouh, Egypt

**Citizenship:** Egyptian

**Marital Status:** Married with three children

### **3- Employment History**

**1999 - 2002:** Demonstrator at Biological & Geological Sciences Department, Faculty of Education, Kafr El-Sheikh University.

**2002 - Nov. 2006:** Assistant Lecturer at Biological & Geological Sciences Department, Faculty of Education, Kafr El-Sheikh University.

**Nov. 2006 - Nov. 2008:** Ph.D. Student at Biocenter Klein Flottbek and Botanical Garden, Hamburg University, Hamburg, Germany.

**Apr. 2009 - till now:** Lecturer of Plant Ecology at Botany Department, Faculty of Science, Kafr El-Sheikh University.

### **4- Education Data**

#### **a) Academic History**

**June. 1997:** B. Sc. Degree (Botany), Botany Department, Faculty of Science, Tanta University, Tanta, Egypt.

**September. 2002:** M. Sc. Degree in Botany (Plant Ecology), Botany Department, Faculty of Science, Tanta University, Tanta, Egypt.

**M. Sc. Thesis Title:** Population Ecology of *Ipomoea carnea* Jacq. in The Nile Delta Region.

**March. 2009:** Ph. D. Degree in Botany (Plant Ecology), Botany Department, Faculty of Science, Tanta University, Tanta, Egypt.

**Ph. D. Thesis Title:** Population Biology and Nutrient Cycle of *Phragmites australis* (Cav.) Trin. ex Steud. in Lake Burullus.

#### **b) Vocational / Technical Training**

**1-** Working as a research assistant in the following projects:

- MedWetCoast Project for the Conservation of Wetland and Coastal Ecosystems in the Mediterranean region (April 2000 - April 2001), sponsored by Egyptian Environmental Affairs Agency (EEAA) and UNDP/GEF, Cairo, Egypt.

- Medicinal Plants Conservation Project (April 2004 - August 2004) granted by UNDP and GEF, and implemented by Egyptian Environmental Affairs Agency (EEAA), Cairo, Egypt.
- Conservation and Sustainable Use of Medicinal Plants Project (March 2005 - September 2005) granted by UNDP and GEF, and implemented by Egyptian Environmental Affairs Agency (EEAA), Cairo, Egypt.
- 2-** Participation in '*The 2<sup>nd</sup> International Conference on Great Rivers as Attractors of Local Civilization*', 12.-14. September, 2003, Assiut University, Assiut, Egypt.
- 3-** Participation in '*The 2<sup>nd</sup> International Conference on the Development and Ecology in the Arabic Countries*', 23.-25. March, 2004, Assiut University, Assiut, Egypt.
- 4-** Participation in '*Effective Learning Training Course*', 11.-12. June, 2005, Faculty and Leadership Development Center (FLDC), Kafr El-Sheikh University, Kafr El-Sheikh, Egypt.
- 5-** Participation in '*Environmental Impact Assessment Training Course*', 20.-24. August, 2005, Egyptian Atomic Energy Authority, Cairo, Egypt.
- 6-** Participation in '*Modern Approach in Teaching Training Course*', 12.-14. September, 2006, Faculty and Leadership Development Center (FLDC), Kafr El-Sheikh University, Kafr El-Sheikh, Egypt.
- 7-** Participation in '*Effective Presentation Training Course*', 1.-3. October, 2006, Faculty and Leadership Development Center (FLDC), Kafr El-Sheikh University, Kafr El-Sheikh, Egypt.
- 8-** Participation in '*Methods in Plant Population Biology*', 5.-9. February, 2007, Department of Botany, Charles University, Prague, Czech Republic.
- 9-** Participation in '*The Botanical Conference in Hamburg*', 3.-6. September, 2007, Hamburg University, Hamburg, Germany.

- 10- Participation in '*Sand Grassland Restoration Field Training*', 12.-17. May, 2008, Fülöpháza, Kiskunság, Hungary.
- 11- Participation in '*Excursion to Estonia and Finland*', 6.-19. July, 2008.
- 12- Participation in workshop on '*Applied Plant Ecology* ', 30. September, 2008, Biocenter Klein Flottbek and Botanical Garden Hamburg University, Hamburg, Germany.
- 13- Participation in workshop on '*Construction of Vegetation Data Bank, Analysis and Classification of Ecological Data Using TURBOVEG Software* ', 25.-26. November, 2008, Tanta University, Tanta, Egypt.
- 14- Participation in '*Quality Standards in Teaching Training Course*', 16.-18. December, 2008, Faculty and Leadership Development Center (FLDC), Kafr El-Sheikh University, Kafr El-Sheikh, Egypt.
- 15- Participation in '*Bioremediation of Environmental Pollution Conference* ', 22. December, 2008, Tanta University, Tanta, Egypt.
- 16- Participation in '*12<sup>th</sup> EWRS International Symposium on Aquatic Weeds*', 24.-28. August, 2009, Jyväskylä, Finland.
- 17- Participation in '*Strategic Planning Training Course*', 10.-13. September, 2009, Faculty and Leadership Development Center (FLDC), Kafr El-Sheikh University, Kafr El-Sheikh, Egypt.
- 18- Participation in '*3<sup>rd</sup> International Conference on Aquatic Resources: Prospects and Challenges*, 17.-20. November, 2009, National Institute of Oceanography and Fisheries, Alexandria, Egypt.
- 19- Participation in '*Management of Scientific Research Training Course*', 26.-28. December, 2009, Faculty and Leadership Development Center (FLDC), Kafr El-Sheikh University, Kafr El-Sheikh, Egypt.
- 20- Participation in '*Student Evaluation Training Course*', 2.-4. February, 2010, Faculty and Leadership Development Center (FLDC), Kafr El-Sheikh University, Kafr El-Sheikh, Egypt.

- 21- Participation in '*International Publishing of Research Training Course*', 18.-20. May, 2010, Faculty and Leadership Development Center (FLDC), Kafr El-Sheikh University, Kafr El-Sheikh, Egypt.
- 22- Participation in '*How to Compete for a Research Fund Training Course*', 17.-19. August, 2010, Faculty and Leadership Development Center (FLDC), Kafr El-Sheikh University, Kafr El-Sheikh, Egypt.
- 23- Participation in '*The 6<sup>th</sup> International Conference on Biological Sciences: Global Climate Changes and Biohazards*', 10.-11. November, 2010, Tanta University, Tanta, Egypt.
- 24- Participation as Invited Speaker to '*The International Forum 2010 on Graduate program for Regional Environmental Conservation Experts*', 06. December, 2010, Saitama University, Saitama, Japan.
- 25- Participation in workshop on '*How to Write Great Papers: from Title to References, from Submission to Publication*', GCOE Seminar Series, 13. November, 2012, The University of Tokyo, Tokyo, Japan.
- 26- Participation in '*3<sup>rd</sup> International Conference on Biotechnology and its Applications in Botany and Microbiology*', 17.-18. April, 2013, Faculty of Science, Helwan University, Helwan, Egypt.
- 27- Participation in workshop on '*Building Climate Resilience in the Nile Delta Urban Water Management for Effective Solutions*', 16.-17. June , 2013, Cairo, Egypt.
- 28- 193 Score in International - TOEFL (CBT).
- 29- 237.5/300 Score in Zertifikat Deutsch (ZD - B1).
- 30- ICDL (International Computer Driving License).

### **c) Research visits abroad**

- **December 2012 – January 2013 (1 month):** Sharjah Research Academy, Sharjah, United Arab Emirates, working with *Prof. Ali El-Keblawy*.
- **June 2012 – December 2012 (6 months):** Department of Environmental Science, Graduate School of Science and Engineering, Saitama University, Japan, working with *Prof. Takashi Asaeda*.
- **December 2010 (2 weeks):** Department of Environmental Science, Graduate School of Science and Engineering, Saitama University, Japan, working with *Prof. Takashi Asaeda*.
- **September 2008 (1 week):** Department of Ecosystem Studies, Netherlands Institute of Ecology, Centre for Estuarine and Marine Ecology, The Netherlands, working with *Prof. Karline Soetaert*.
- **November 2006 - November 2008 (2 years):** Biocenter Klein Flottbek and Botanical Garden, Hamburg University, Hamburg, Germany, working with *Prof. Kai Jensen*.

### **d) Current Specialization**

Plant Population Ecology, Aquatic Plant Ecology, Ecological Modeling, Water Pollution, Nutrient Budget, Carbon Sequestration and Conservation of the Vegetation of the Nile Delta Region and Lake Burullus, Egypt.

### **Teaching Experience**

#### **1- Under-Graduate Courses (B. Sc. Students):**

Flora of Egypt, Algae, Plant Ecology, Plant Taxonomy, Systematic Botany, General Botany, Plant Anatomy, Plant Morphology, Agronomy & Economic Botany.

#### **2- Under-Graduate Practical Courses (B. Sc. Students):**

Plant Ecology, Flora of Egypt, Plant Anatomy, Plant Morphology, Taxonomy of Flowering Plants, Algae, Systematic Botany, Plant Physiology, Agronomy & Economic Botany.

### **3- Post-Graduate Courses (M. Sc. Students):**

Ecological Modeling.

#### **Software Experience**

SPSS, Statistica, Sigma Plot, Microsoft Word, Excel and Power Point, FEMME (A Flexible Environment for Mathematically Modelling the Environment).

#### **Professional and Organization Memberships**

1- Reviewer in Aquatic Botany, Feddes Repertorium, Environmental Monitoring and Assessment, Ecological Engineering & Ecological Modelling.

2- Egyptian Botanical Society (EBS): 1997 – till now.

#### **Honours and Awards**

1- Biographee in Who's Who in the World 2012.

2- Kafr El-Sheikh University Award for International Scientific Publication 2011, 2012 & 2013.

#### **Scientific School**

##### **1- M. Sc. Theses under supervision**

Dowek, A. M. (2009). Population Ecology of *Pluchea dioscoridis* (L.) DC. in Nile Delta. M. Sc. Thesis registered in Faculty of Science, Tanta University, Tanta, Egypt.

Dakhil, M. A. (2013). Population dynamics and nutrient cycling of *Pistia stratiotes* L. in the Watercourses of Giza Province, Egypt. M. Sc. Thesis registered in Faculty of Science, Helwan University, Helwan, Egypt.

##### **2- Ph. D. Theses under supervision**

Awad, H. A. (2009). Phytoremediation Potential of *Eichhornia crassipes* for Wastewater Treatment. Ph. D. Thesis registered in Faculty of Science, Cairo University, Cairo, Egypt.

Keshta, A. E. S. (2011). Evaluation of carbon sequestration potential of wetlands to mitigate climate change. Ph. D. Thesis registered in Faculty of Science, Tanta University, Tanta, Egypt.

## **References**

1. **Prof. Dr. Kamal H. Shaltout**, Tanta University, Tanta, Egypt. E-mail: [kshaltout@yahoo.com](mailto:kshaltout@yahoo.com)
2. **Prof. Dr. Hassan F. El-Kady**, Tanta University, Tanta, Egypt. E-mail: [hassanfkady@yahoo.com](mailto:hassanfkady@yahoo.com)
3. **Prof. Dr. Yassin M. Al-Sodany**, Kafr El-Sheikh University, Kafr El-Sheikh, Egypt. E-mail: [yalsodany@yahoo.com](mailto:yalsodany@yahoo.com)
4. **Prof. Dr. Maged A. El-Kemary**, Prisedent of Kafr El-Sheikh University, Kafr El-Sheikh, Egypt. E-mail: [elkemary@sci.kfs.edu.eg](mailto:elkemary@sci.kfs.edu.eg)
5. **Prof. Dr. Kai Jensen**, Hamburg University, Hamburg, Germany. E-mail: [kai.jensen@botanik.uni-hamburg.de](mailto:kai.jensen@botanik.uni-hamburg.de)
6. **Prof. Takashi Asaeda**, Saitama University, Saitama, Japan. E-mail: [asaeda@mail.saitama-u.ac.jp](mailto:asaeda@mail.saitama-u.ac.jp)
7. **Prof. Dr. Karline Soetaert**, Netherlands Institute of Ecology, Yerseke, The Netherlands. E-mail: [k.soetaert@nioo.knaw.nl](mailto:k.soetaert@nioo.knaw.nl)
8. **Prof. Dr. Amr M. Beltagi**, Dean of Faculty of Science, Kafr El-Sheikh University, Kafr El-Sheikh, Egypt. E-mail: [amr.hassan@sci.kfs.edu.eg](mailto:amr.hassan@sci.kfs.edu.eg)



## LIST OF PUBLICATIONS

### A- ORIGINAL PAPERS

1. **Eid, E.M.** & Shaltout, K.H. (2013). Evaluation of carbon sequestration potentiality of Lake Burullus, Egypt to mitigate climate change. *Egyptian Journal of Aquatic Research* 39: 31–38.
2. **Eid, E.M.**, Shaltout, K.H. & Al-Sodany, Y.M. (2012). Decomposition dynamics of *Phragmites australis* litter in Lake Burullus, Egypt. *Plant Species Biology* DOI: 10.1111/j.1442-1984.2012.00389.x
3. Shaltout, K.H., El-Komi, T.M. & **Eid, E.M.** (2012). Seasonal variation in the phytomass, chemical composition and nutritional value of *Azolla filiculoides* Lam. along the water courses in the Nile Delta, Egypt. *Feddes Repertorium* 123: 37–49.
4. **Eid, E.M.**, Shaltout, K.H. & Asaeda, T. (2012). Modeling growth dynamics of *Typha domingensis* (Pers.) Poir. ex Steud. in Lake Burullus, Egypt. *Ecological Modelling* 243: 63–72.
5. **Eid, E.M.**, Shaltout, K.H., El-Sheikh, M.A. & Asaeda, T. (2012). Seasonal courses of nutrients and heavy metals in water, sediment and above- and below-ground *Typha domingensis* biomass in Lake Burullus (Egypt): perspectives for phytoremediation. *Flora* 207: 783–794.
6. El-Sheikh, M.A., Al-Sodany, Y.M., **Eid, E.M.** & Shaltout, K.H. (2012). Ten years primary succession on a newly created landfill at a lagoon of the Mediterranean Sea (Lake Burullus RAMSAR site). *Flora* 207: 459–468.
7. Farahat, E.A., Sewelam, N.A. & **Eid, E.M.** (2012). Assessment of airborne trace metal pollution by *Ipomoea carnea* Jacq. leaves and its potential use as environmental indicator. *Egyptian Journal of Experimental Biology* 8: 93–98.
8. **Eid, E.M.**, El-Sheikh, M.A. & Alatar, A.A. (2012). Uptake of Ag, Co and Ni by the organs of *Typha domingensis* (Pers.) Poir. ex Steud. in Lake Burullus

- and their potential use as contamination indicators. *Open Journal of Modern Hydrology* 2: 21–27.
9. Shaltout, K.H. & **Eid, E.M.** (2011). Egypt. In: Radford, E.A., Catullo, G. & de Montmollin, B. (eds.). *Important Plant Areas of the South and East Mediterranean Region: Priority Sites for Conservation*. IUCN, Gland, Switzerland and Malaga, Spain. pp. 40–43.
  10. Al-Yemni, M.N., Sher, H., El-Sheikh, M.A. & **Eid, E.M.** (2011). Bioaccumulation of nutrient and heavy metals by *Calotropis procera* and *Citrullus colocynthis* and their potential use as contamination indicators. *Scientific Research and Essays* 6: 966–976.
  11. **Eid, E.M.**, Shaltout, K.H., Al-Sodany, Y.M., Soetaert, K. & Jensen, K. (2010). Modeling growth, carbon allocation and nutrient budget of *Phragmites australis* in Lake Burullus, Egypt. *Wetlands* 30: 240–251.
  12. **Eid, E.M.**, Shaltout, K.H., Al-Sodany, Y.M. & Jensen, K. (2010). Effects of abiotic conditions on *Phragmites australis* along geographic gradients in Lake Burullus, Egypt. *Aquatic Botany* 92: 86–92.
  13. Shaltout, K.H., Al-Sodany, Y.M. & **Eid, E.M.** (2010). Growth behavior of the invasive species *Ipomoea carnea* Jacq. in Nile Delta, Egypt. *Hydrobiologia* 656: 187–197.
  14. **Eid, E.M.** (2010). Dynamics of carbohydrate translocation between the above-and under-ground organs of *Phragmites australis* (Cav.) Trin. ex Steudel in Lake Burullus, Egypt. *Egyptian Journal of Aquatic Research* 36: 107–113.
  15. **Eid, E.M.** & Sewelam, N.A. (2010). Estimating the above-ground biomass of *Ipomoea carnea* Jacq.: a promising source of fuel-wood in Egypt. *Proc. 6<sup>th</sup> Int. Con. Biol. Sci. (Tanta)*, 6: 29–38.

16. Al-Sodany, Y.M., Shaltout, K.H. & **Eid, E.M.** (2009). Demography of *Ipomoea carnea*: an invasive species in the Nile Delta, Egypt. *International Journal of Agriculture & Biology* 11: 501–508.
17. Bağdat, R.B. & **Eid, E.M.** (2007). Phytoremediation behaviour of some medicinal and aromatic plants to various pollutants. *Journal of Field Crops Central Research Institute (Ankara)* 16 (1-2): 1–10.
18. Shaltout, K. H., Al-Sodany, Y. M. & **Eid, E. M.** (2006). The biology of Egyptian woody perennials: 2. *Ipomoea carnea* Jacq. *Assiut University Bulletin for Environmental Researches* 9: 75–91.
19. Shaltout, K. H., Al-Sodany, Y. M. & **Eid, E. M.** (2006). Biology of common reed *Phragmites australis* (Cav.) Trin. ex Steud.: review and inquiry. *Overview Series, Assiut University Center for Environmental Studies (AUCES)*, Assiut, 54 pp.

#### **Under Publication:**

1. **Eid, E.M.**, Shaltout, K.H. & Asaeda, T. (2013). Growth dynamics of *Potamogeton pectinatus* L. in Lake Burullus, Egypt: A modeling approach. *African Journal of Ecology* (under review).
2. Shaltout, K.H., **Eid, E.M.** & El-Komi, T.M. (2013). Phytomass and nutrient value of *Potamogeton crispus* L. in the water courses of Nile Delta, Egypt. *Hydrobiologia* (under review).

#### **B- BOOKS**

1. **Eid, E.M.** (2012). *Phragmites australis* (Cav.) Trin. ex Steud.: *Its Population Biology and Nutrient Cycle in Lake Burullus, a Ramsar site in Egypt*. LAP LAMBERT Academic Publishing, Saarbrücken, Germany, pp. 292.

#### **C- SCIENTIFIC REPORTS**

1. Shaltout *et al.* (2004). *Evaluation of Botanical Conservation Measures in Saint Katharine Protectorate*. Medicinal Plants Conservation Project, Global

Environmental Facility (GEF) & Egyptian Environmental Affairs Agency (EEAA), Cairo, Egypt.

2. Shaltout *et al.* (2004). *Floristic Survey of the Mountainous Southern Sinai: Saint Katharine Protectorate*. Medicinal Plants Conservation Project, Global Environmental Facility (GEF) & Egyptian Environmental Affairs Agency (EEAA), Cairo, Egypt.
3. Shaltout *et al.* (2004). *Evaluation of Some Farms in Saint Katharine Protectorate for the Cultivation of Medicinal Plants*. Medicinal Plants Conservation Project, Global Environmental Facility (GEF) & Egyptian Environmental Affairs Agency (EEAA), Cairo, Egypt.
4. Seif El-Nasr *et al.* (2006). *National Surveys: North Western Coastal Region*. Final Report (2 Volumes). Conservation and Sustainable Use of Medicinal Plants Project. EEAA, UNDP & GEF, Cairo, Egypt.
5. Shaltout *et al.* (2009). *National Progress towards Targets of the Global Strategy for Plant Conservation*. MSEA, EEAA, NCS & UNDP, Cairo, Egypt.
6. Shaltout, K.H. & **Eid, E.M.** (2010). *Important Plant Areas in Egypt with Emphasis on the Mediterranean Region*. IUCN, WWF, Plantlife, AFD, Cairo, Egypt.

#### **D- ABSTRACTS PUBLISHED IN SCIENTIFIC MEETINGS**

1. Shaltout, K. H., Al-Sodany, Y. M. & **Eid, E.M.** (2003). Growth of *Ipomoea carnea* population in Nile Delta, Egypt. The 2<sup>nd</sup> International Conference on “*Rivers as Attractors for Local Civilization*”, 12.-14. October, 2003, Assiut University, Assiut, Egypt.
2. **Eid, E.M.** (2004). Biology and ecology of common reed (*Phragmites australis* (Cav.) Trin. ex Steud. The 2<sup>nd</sup> International Conference on the Development and Ecology in the Arabic Countries’, 23.-25. March, 2004, Assiut University, Assiut, Egypt.

3. **Eid, E.M.** (2007). Growth of *Phragmites australis* in Lake Burullus, Egypt. Botanikertagung: in the Occasion of "the 125 Years Deutsche Botanische Gesellschaft. 3.-7. September, 2007, University of Hamburg, Hamburg, Germany.
4. **Eid, E.M.** (2008). Effects of natural and human-induced gradients on *Phragmites* stands in Lake Burullus (Egypt). Applied Plant Ecology Workshop, 30. September, 2008, Biocenter Klein Flottbek and Botanical Garden, Hamburg University, Hamburg, Germany.
5. **Eid, E.M.**, Shaltout, K.H. & Al-Sodany, Y.M. (2009). Decomposition and nutrient dynamics of *Phragmites australis* litter in Lake Burullus, Egypt. '12<sup>th</sup> EWRS International Symposium on Aquatic Weeds', 24.-28. August, 2009, Jyväskylä, Finland.
6. Shaltout, K.H., Al-Sodany, Y.M. & **Eid, E.M.** (2009). Growth behavior of the invasive species *Ipomoea carnea* Jacq. in Nile Delta, Egypt. '12<sup>th</sup> EWRS International Symposium on Aquatic Weeds', 24.-28. August, 2009, Jyväskylä, Finland.
7. **Eid, E.M.** (2009). Dynamics of carbohydrate translocation between the above-and under-ground organs of *Phragmites australis* in Lake Burullus, Egypt. '3<sup>rd</sup> International Conference on Aquatic Resources: Prospects and Challenges, 17.-20. November, 2009, National Institute of Oceanography and Fisheries, Alexandria, Egypt.
8. Shaltout, K.H. & **Eid, E.M.** (2012). Phytomass and nutritive value of *Potamogeton crispus* L. along the water courses in Nile Delta, Egypt. International Symposium on Aquatic Plants: Plants in Hydrosystems from Functional Ecology to Weed Research, 27-31. August, 2012, Poznan, Poland.
9. **Eid, E.M.** & Shaltout, K.H. (2012). Soil organic carbon distribution and carbon sequestration potentiality in Lake Burullus to mitigate climate change.

- International Symposium on Aquatic Plants: Plants in Hydrosystems from Functional Ecology to Weed Research, 27-31. August, 2012, Poznan, Poland.
10. **Eid, E.M.**, Shaltout, K.H., El-Sheikh, M.A. & Asaeda, T. (2012). Cycling of nutrients and heavy metals in *Typha domingensis* (Pers.) Poir. ex Steud. In Lake Burullus, Egypt: an implication of phytoremediation. International Symposium on Aquatic Plants: Plants in Hydrosystems from Functional Ecology to Weed Research, 27-31. August, 2012, Poznan, Poland.
  11. El-Sheikh, M.A., Al-Sodany, Y.M., **Eid, E.M.** & Shaltout, K.H. (2012). Ten years primary succession on a newly created landfill at a lagoon of the Mediterranean Sea (Lake Burullus RAMSAR site). Planet Under Pressure 2012, 25–29. March, 2012, Excel London, UK.
  12. **Eid, E.M.** & Shaltout, K.H. (2013). Potentiality of carbon sequestration in a Mediterranean lagoon in Egypt, to mitigate climate change. ‘3<sup>rd</sup> International Conference on Biotechnology and its Applications in Botany and Microbiology, 17.-18. April, 2013, Faculty of Science, Helwan University, Helwan, Egypt.
  13. Shaltout, K.H. & **Eid, E.M.** (2013). Important plant areas in Egypt with emphasis on the Mediterranean region. ‘3<sup>rd</sup> International Conference on Biotechnology and its Applications in Botany and Microbiology, 17.-18. April, 2013, Faculty of Science, Helwan University, Helwan, Egypt.