

## CURRICULUM VITAE



**Name** : Madlen Mikhael Habashy  
**Date of Birth** : 25 /9 /1958  
**Place of birth** : Ismaelia  
**Marital status** : Married  
**Nationality** : Egyptian  
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**Present job** : Assistant Prof.  
**Institute** : Fish Research Station El-Qanater El-Khayria,  
Invertebrate laboratory ( N I O F).

### **Scientific certificates**

- 1- B. Sc. In Science ,1980  
Faculty of Science- Ain Shams University  
Department of Entomology
- 2- Master of Science 1994  
Faculty of Science- Ain Shams University  
Department of Entomology

### **Title of Thesis:**

Taxonomic and ecological studies of aquatic insects in rearing and nursing ponds of Abbassa Fish Farm (Sharqiya Governorate)

- 3- Ph.. D. In Science 1998  
Faculty of Science- Ain Shams University

### **Title of Thesis**

Experimental studies on rearing the freshwater prawn , *Macrobrachium rosenbergii* (De Man) by using certain aquatic insects and zooplankton present in the Nile water at El-Qanater El-Khayria region.

### **Professional position**

#### **Institute**

	<b>Date</b>	
1- Third specialist	21/ 8 / 1985	NIOF
2- Assistant searcher	23 / 2 /1994	NIOF
3- Assistant lecturer	8 / 6 /1994	NIOF
4- researcher	11 /11 /1998	NIOF
5- Assistant Prof.	9 /5 / 2006	NIOF

## **Expertise:**

### **A- Membership in the following Societies:**

- 1- The Egyptian Society for the Development of Fisheries Resources & Human Health.
- 2- The Egyptian Academic assembly for Environmental Development
- 3- The Egyptian German Society of Zoology , Cairo University
- 4- The Egyptian assembly of Animal Science , Cairo University
- 5- The African assembly sustainable development
- 6- Member in the center of the studies and research of protective areas, Ain Shams University.

### **B- Participation in the scientific conferences**

- 1- The 2nd Environmental Conference of the Egyptian Academy for environmental development- 14-May -2005- Ain Shams University.
- 2- The 10<sup>th</sup> conference of the Egyptian Society for the Development of Fisheries Resources & Human Health in 29-10-2006. Faculty of Agriculture, Alex. University .
- 3- The 4th International conference on Biological Sciences from 1-2 November 2006 . Tanta University.
- 4- 1<sup>st</sup> African International conference about sustainable development in Cairo home , Get beach village , Ain El- Sokhna 25-27 November 2007.
- 5- Participated and present a search in the 1<sup>st</sup> International Arab African Fish Resources Conference co-located with the 11<sup>th</sup> Conference of the Egyptian Society for the Development of Fisheries Resources & Human Health about Sustainable use & Management of Aquatic Resources 28-30 June 2007 in Cairo International Convention center, Cairo Egypt.
- 6- Participated in the 1<sup>st</sup> International conference for the freshwater crayfish, Ain Shams University (8 May 2008). (Centre of Studies and Research of Protective areas) , and Egyptian Society of Electron Microscope and the Global Environment Facility).
- 7- Participated in the 3<sup>rd</sup> International Conference of Environmental Research Division under the theme of " Environmental Science and Technology, Egypt 2008" April 1<sup>st</sup> -3<sup>rd</sup> , 2008, National Research Centre, Cairo, Egypt.

**8-** Participated in the Second International Conference on Aquatic Resources "Integrated Coastal Zone Management And Sustainable Development" 22<sup>nd</sup> - 25<sup>th</sup> November, 2008". National Institute of Oceanography and Fisheries (NIOF), in Sheraton- Montazah International Hotel, Alexandria, Egypt.

**9-** Participated in organizing the international Arab African Fish Resources Conference & Exhibition. Supported by The Egyptian Society for the development of Fisheries & Human Health Faculty of Science – Ain Shams University. 9—October 2008.

**10-** The 5<sup>th</sup> International conference on Biological Science. 5<sup>th</sup> -6<sup>th</sup> November 2008. Tanta University.

**11-** 2<sup>nd</sup> International conference about future horizons for sustainable development in Arabian and African countries. 17-20 December 2008.

**12-** The fifth conference of the Egyptian Society of Experimental Biology. 28- February 2009. Tanta University , Faculty of Science.

**13-** Participated in the third International Conference on Aquatic Resources "Prospects and Challenges" 17-20 November, 2009.National Institute of Oceanography and Fisheries (NIOF), in Sheraton- Montazah International Hotel, Alexandria, Egypt..

**14-** Participated in a conference entitled " Obligation and Commitment of Environmental and meet the Challenges" in the period from 2<sup>nd</sup> -3<sup>rd</sup> March 2009. which held in guesthouse , Ain Shams University. (Research and Studies Center Nature Resource . The Egyptian Academic Society for the Development of the Environment)

**15-** Participated in the 4<sup>th</sup> International Conference on Aquatic Resources "Preservation, protection and development" 7<sup>th</sup> -9<sup>th</sup> December 2010.National Institute of Oceanography and Fisheries (NIOF), in Sheraton- Montazah International Hotel, Alexandria, Egypt..

**16-**The 6<sup>th</sup> International conference on Biological Science . 10-11 November 2010. Tanta University.

**17-**Fourteen Scientific Conference of the Egyptian Society for the Development of Fisheries Resources & Human Health. About Environmental Variations in moist land and Lakes in Mediterranean sea region 3 January 2011. Ain Shams University.

**18-** Conference Award from Prof. Mohamed Faisal,s Award , dedicated for

participating with distinguished paper entitled: Studies on the feeding behavior of the exotic freshwater crayfish, *Procambarus clarkii*, with references on their distribution in Egypt. The 4<sup>th</sup> global Fisheries and Aquaculture Research Conference and 15<sup>th</sup> conf. of Egyptian Society of Fisheries Development ,3-5 October 2011.

19-Fifth international conference on the prospects for sustainable development in Arab and African countries from 17 to 20 December 2011 in Sharm El-Sheikh.

20- International Conference of Environmental Sciences 21-22 May 2013.

21- 3013- 4-21 الملتقى الأول لدور البحث العلمى فى تنمية سيناء ومحور قناة السويس

22- 2013 - 12-مايو المؤتمر الثانى لمخرجات وتطبيقات البحث العلمى

**C-Workshops, lectures and training program:**

1- Work shop about El-Zraneek and El-Bardaweel lakes 5-December 2005 Ain Shams University.

2- Workshop about Bourollos protective area . 28-1-2006 - Ain Shams University.

3- Workshop about ( Culture of marine shrimp in Egypt, Problems and Solutions) 17 May2006 . Faculty of Agriculture Ain Shams University.

4-Work shop " Freshwater cray fish *Procambarus clarkii*, as exotic animal in the Egyptian water" ,Faculty of Science Tanta University 14 -September-2006.

5- Attendance a workshop of " Achievement and development of production and farming the marine shrimp ( a project by Dr Fatama Abd El Razek in NIOF , Alexandria" 7<sup>th</sup> February 2008. In Academy of Scientific Research & Technology .

6-Attendance a workshop entitled "Catfish in Egypt current and future vision" at El-Qanater El-Khayria , National Institute of Oceanography and Fisheries (2009)

7- Workshop about Pollution in Egyptian Lakes and solutions. 6-7 May 2009. Ain Shams University in cooperation with Egyptian Company of Minerals ( Emesal) in El- Fayoum City.

**8--**Workshop about Industrialization of the freshwater crayfish in Egypt. 10 December 2009. in Menof. Through a project of Crayfish , Ain Shams University in cooperation with USA..

**9-** Workshop about Future of Fish Culture in El- Depaa region , Demietta Governorate.. 1<sup>st</sup> April 2009. In Academy of Scientific Research & Technology.

**10-**Workshop about The Effects of Climate Changes, Solutions and Programs. Organized by the Centre for Consultancy and Scientific Studies of Nature Reserves in cooperation with the Council of Environmental Science Academy of Scientific Research and Technology at the Hospitality House Ain Shams University 13/4/2011.

**11-** Workshop on Current Status of Qaroun and Wadi El-Raian Lakes. Organized by National Institute of Oceanography and Fisheries (NIOF). 31-May 2011. In Academy of Scientific Research & Technology. Through the project of Importance Qaroun and Wadi El-Raian Lakes (Ramsar).

**12-**Workshop on " Future Hopes for Fish Resources Development" Animal Production Department , Faculty of Agriculture Kafrelsheikh University, Tuesday, 8-5-2012.

**13-** Delegated from the Fish Research Station(NIOF) to give a lecture in work shop about the freshwater Crayfish *Procambarus clarkii* which had been organized by the research center for Delta Development. 14-9-2006 Tanta University.

**14-**Giving lecture entitled " Culture of the freshwater prawn, *Macrobrachium rosenbergii* " in training programs in Fish Research Station at El-Qanater El-Khayria , from 3-12-2006 to 21-12-2006.

**15-**Giving a lecture entitled " Positive impact of the freshwater crayfish in the River Nile in Egypt" in training programs in Fish Research Station at El-Qanater El-Khayria , 18-1 2007

**16-** Giving a lecture through the Workshop about Industrialization of the freshwater crayfish in Egypt. 23 December 2009. in El- Fayoum city. Through a project of the Freshwater Crayfish In Egypt , Ain Shams University in cooperation with USA.

**17-** Participated in giving a lecture about "Culture and acclimation of *Daphnia magna* (Crustacea –Cladocera) to different environmental factors "

to the 3<sup>rd</sup> year students , Faculty of Science Zoology / Chemistry Department, Ain Shams Universty, July 2007.

**18-** Participated in giving a lecture about " Reproduction of the freshwater prawn, *Macrobrachium rosenbergii* " to the 3<sup>rd</sup> year students , Faculty of Science Zoology / Chemistry Department, Ain Shams University, July 2011.

**19-** Participated in giving a lecture about ( Freshwater cray fish *Procambarus clarkii*, and its positive impacts), for fisher men's at El-Qanater El- Khayria June 2008.

**20-** Giving lecturer in Workshop through the Project ((New industry depend on the aquatic crustacean animal (*Procambarus clarkii*) which exotic the Egyptian water) in collaboration with European union , Research ,development & Innovation Programme) , Ain Shams University Nile, 6<sup>th</sup> - July 2008.

**21-**Participated in Field trip Through a project of the Freshwater Crayfish (Industrialization of the freshwater crayfish in Egypt). , Ain Shams University in cooperation with USA. In El-Qanater El-Khayria city. 25 March 2010.

**22-** Giving lecture on Growth and Reproduction of the freshwater prawn, *Macrobrachium rosenbergii* ). in training programs in Fish Research Station at El-Qanater El-Khayria during January 2010.

**23-** Participated in the training program on Solid Waste Management during the period from September 25-27-2005 at Ain Shams University. Cairo Egypt, in collaboration with Texas Gulf Coast Environmental Data Center, Prairie View A&M University, Texas, USA.

**24-** Participated in the Training Program on Biostatics and Ecological Modeling , during the period from May 13-22- 2008 at Zoology Department, Faculty of Science, Ain Shams University, Cairo, in collaboration with Texas Gulf Coast Environmental Data Center, Prairie View A&M University, Texas, USA and Egypt. Soc. Fish. Develop.

**25-** Search entitled ( Effect of insects as a natural diet on the growth and survival rates of fresh water prawn , *Macrobrachium rosenbergii* (De Man) had been accepted as a poster in the 4<sup>th</sup> International Conference of the Entomological royal Society from 13-15 September 2000, at Liverpool University U.K.

26-Search entitled" Effect of Altering Linoleic Acid and Linolenic Acid Dietary Ratios on the Performance and Tissue Fatty Acid Profiles of Prawn, *Macrobrachium rosenbergii* (de Man1879) Post Larvae" has been accepted and represented in Journal of Agricultural Science and Technology . Through 40<sup>th</sup> Wefta Annual Meeting 4<sup>th</sup> -7<sup>th</sup> October 2010, Izmir, Turkey.

27- Participated Market of Euro-Mediterranean Innovation in the period from 26 to 28 January 2010 through the project of manufacture of the freshwater Crayfish. ( The Egyptian Society for the Development of Fisheries Resources and Human Health).

#### **D-Projects:**

1- (New industry depend on the aquatic crustacean animal (*Procambarus clarkii*) which exotic the Egyptian water) in collaboration with European Union , Research ,development & Innovation programme) , Ain Shams University. From August 2009 to July 2010.

2- Participated in the project "Culture of the freshwater prawn *Macrobrachium rosenbergii*" at El-Qanater El-Khairai Farm 2008.

#### **E-Supervision:**

1- Supervisor on Ph. D. Thesis entitled (Acidifier substances as growth promoters for the freshwater prawn, *Macrobrachium rosenbergii* and the Nile Tilapia, *Oreochromis nilotica*) . Hannan Eshtawii (2009) ,Ain Shams University.

2- Supervisor on Master of Science Thesis entitled (Experimental studies on the effect of some environmental factors on reproduction and survival rates of *Daphnia magna* (Crustacea- Branchiopoda) .).(2010) Eman Yousef Mohammady

#### **F-Arbitration:**

1- Master of Science Thesis entitled (Experimental studies on the effect of some environmental factors on reproduction and survival rates of *Daphnia magna* (Crustacea- Branchiopoda).(2010) Eman Yousef Mohammady

2- Desalination Journal (Elsevier)  
Evaluation of groundwater quantity and quality in Kashan, Basin, Central Iran Desalination. No. : DES-D-10- 00811.. 2010.

#### **G-Books:**

1-Participated in writing chapter 2 (Growth and Reproduction ) in book entitled ' The Red Swamp Crayfish in Egypt' ( A fast spreading freshwater

invasive crustacean) 2009. Through the project of the Freshwater Crayfish in Egypt, Ain Shams University.

### **H-Publications:**

1► **Habashy, M.M.**(2000) Ecological studies on the benthic macro fauna of the River Nile at delta barrage area, Egypt. J. Egypt. Acad. Soc. Environ. Develop. 1(1)119-135.

2► **Habashy, M.M.**; Ahmed, R.S. and Gadalla, S.M. (2000) Effects of insects as a natural diet on the growth and survival rate of J. Egypt. Ger. Soc. (De Man). J. Egypt. Ger. Soc. Zool., 33(E) 121-140.

3► Hammouda, L.S.; Abdel Rahman, H.A. and **Habashy, M.M.** (2001) Survey and seasonal occurrence of aquatic insects in the River Nile at delta barrage region in relation to the physico-chemical conditions of water. J. Egypt. Acad. Soc. Environ. Develop. 1(1)27-52.

4► **Habashy, M.M.** (2001) Growth rates of the freshwater crayfish, *Procambarus clarkii*, fed varying protein levels. J. Egypt. Acad. Soc. Environ. Develop. 1(2) 53-60.

5► **Habashy, M.M.** (2002) Effect of different diets on growth rate of the red swamp crayfish, *Procambarus clarkii* under laboratory conditions. Egypt. J. Aquat. Biol. & Fish. 6(1) 187-198.

6► **Habashy, M.M.**(2003) Replacement of cod liver oil by sunflower oil as a source of lipid in the post larvae diets of the freshwater prawn, *Macrobrachium rosenbergii*. Egypt. J. Aquat. Biol. & Fish. 7(2) 35-49. J. Egypt. Acad. Soc. Environ. Develop. 1(2) 53-60.

7► **Habashy, M.M.** (2003) Influence of stocking density and feeding frequency on the growth and survival of the giant freshwater prawn, *Macrobrachium rosenbergii* (De Man 1879) reared in cages.. J. Egypt. Ger. Soc. 42(D) Invertebrate Zool. 47-61.

8► Ghazy, M. and **Habashy, M.M.** (2003) Experimental toxicity of chromium to two freshwater crustaceans; *Daphnia magna* and *Macrobrachium rosenbergii*. J. Aquat. Biol. & Fish. 7(3) 49-70.

9► **Habashy, M.M.** (2004) Survival and growth rates of *Procambarus clarkii* Girard (Crustacea, Decapoda) under different temperature and salinity levels J. Egypt. Ger. Soc. 43(D) Invertebrate Zool. 135-146.



10► **Habashy, M.M.** (2004) Effect of some artificial and natural diets on the red swamp crayfish, *Procambarus clarkii* under laboratory conditions. J. Aquat. Biol. & Fish. 8(1) 225-241.

11► **Habashy, M.M.** (2005) Culture of Chironomid larvae (Insecta- Diptera- Chironomidae) under different feeding systems. Egyptian J. of Aquatic Research. 31 (2) 403-418.

12► **Habashy, M.M.** (2006) Mass culture of mosquito larvae (*Culex pipiens*) and their nutritive value as food for the freshwater prawn. J. Aquat. Biol. & Fish. 10(1) 73-97.

13► **Habashy, M.M.** (2007) Reproduction of the water flea, *Daphnia magna* Straus (Cladocera- Daphidae) under different experimental conditions. Egypt. J. Aquat. Biol. & Fish., 11 (3) 1343-1353.

14► **Habashy, M.M.** and Raafat, H. (2008) The juvenile freshwater prawn, *Macrobrachium rosenbergii* (Crustacea- Decapoda) as an effective zooplankton predator. Egypt. J. Aquat. Biol. & Fish., 12(1): 75-84.

15► Sharshar, K.M. : Essa, S.H. and **Habashy, M.M.** (2009) Assessment of some heavy metals concentrations in water, sediment and ovigerous female crayfish *Procambarus clarkii* from Ghabia drains, Egypt. World J. of Zoology, 4(1)49-56.

16► **Habashy, M.M.** (2009) Growth and body composition of juvenile freshwater prawn, *Macrobrachium rosenbergii*, fed different dietary protein/ starch ratios. Global Vetrinaria, 3(1): 45-50.

17► Ghazy, M.A.; **Habashy, M.M.** ; Kossa, F.A. and Mohammady E. Y. (2009) Effects of salinity on survival, growth and reproduction of the water flea, *Daphnia magna*. Nature and Science, 7(11)

18► Tag El-Din H. A. ; **Habashy, M. M.** And Soltan, H. M. (2009 ) Residues of some hormones and heavy metals in fresh water Prawn (*Macrobrachium rosenbergii*) and marine shrimp (*Penaeus semifulcatus*) with reference to nutritive value

19► Saad, A.S. **Habashy, M.M.** and Sharshar, K.M.(2009) Growth response of the freshwater prawn, *Macrobrachium rosenbergii* (De Man), to diets

having different levels of Biogen. World Applied Science Journal, 6(4): 550-556.

20► **Habashy, M.M.**; El-Kasheif, M.A. and Ibrahim, S.A. (2010) Studies on the feeding behavior of the exotic freshwater crayfish, *Procambarus clarkii*, with references on their distribution in Egypt. Egypt. J. Aquat. Biol. & Fish., 15 (3) 173-187.

21► **Habashy, M.M.**; Hassan, M.M.S. (2010) Effect of temperature and salinity on growth and reproduction of the freshwater prawn, *Macrobrachium rosenbergii* (Crustacea- Decapoda) in Egypt. International J. of Environmental Science and Engineering 1: 83-90.


22► **Habashy, M.M.** (2011) On the breeding behavior and reproduction of the freshwater prawn, *Macrobrachium rosenbergii* (De Man 1879) (Crustacea- Decapoda) under laboratory conditions. Aquaculture Research, doi:10.1111/J. 1365-2109. 2011.03044x

23► Ghazy, M.A.; **Habashy, M.M.** and Mohammady E. Y. (2011) Effects of pH on Survival, Growth and Reproduction Rates of The Crustacean, *Daphnia Magna*. Australian Journal of Basic and Applied Sciences, 5(11): 1-10.

24► Goda, M.A.S.; **Habashy, M.M.**; Hanafy, M.A.; Mohamed, R.A.; Mabrouk, H.A.; El-Afifi, T.M.; Nada, S.A. and Mohamed, K.A. (2011) Effect of altering linoleic and linolenic acid dietary ratios on the performance and tissue fatty acid profiles of prawn, *Macrobrachium rosenbergii* (de Man 1879) post larvae. J. of Agricultural Science and Technology. B1: 1032-1044.

25► **Habashy, M.M.**; Sharshar, K.M. and Hassan, M.M.S.(2012) Morphological and histological studies on the embryonic development of the freshwater prawn, *Macrobrachium rosenbergii* (Crustacea- Decapoda). Accepted for publication in the J. of the Egyptian German Society of Zoology (Invertebrate Embryology )

26► El-Kasheif, M.A.; **Habashy, M.M.** and Ibrahim, S.A (2012) Morphometric relationships of commercially important species of the freshwater prawn, *Macrobrachium rosenbergii* from Maryot Fish Farming Company, Alexandria. International J. of Fisheries and Aquaculture Science. Vol. 2(1):35-61.



27► EL-Saidy ,D.M.S.D and Habashy M. M.(2012) Growth Performance of the giant freshwater prawn, *Macrobrachium rosenbergii* juveniles fed on a basal diet containing different zinc concentrations. ***Egyptian J. Anim. Prod., 47 Suppl. Issue, Nov. (2012):191-199***

28► Khalil, M.T.; Sleem, S.H.; Goda, A.A.; Habashy, M.M. and Shetewi, H.H. (2014). Impact of sodium lactate as growth promoter on the hepatopancreas of the freshwater prawn *Macrobrachium rosenbergii* (De Man, 1879). *Egypt. J. Aquat. Biol. & Fish.*,Vol. 18(1) 1-11