

Curriculum Vitae

of

Professor: Fatma Aly Abdel Razek

Personal

- Born in Alexandria – Egypt on November 1946
- Married, 2 children
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Present position

Professor and head of Invertebrate aquaculture department and principal investigator of the project “development of shrimp hatcheries and farms in Egypt”.

National Institute of Oceanography & Fisheries, (NIOF) Kaied Bay Al-Anfushi, Alexandria, Egypt.

Academic History

- Received a Bachelor of Science degree from Alexandria University, Faculty of Science, Oceanography department in June, 1969.
- Majors in Chemistry and Oceanography.
- Master of science degree from University of Alexandria, in January, 1975. Major in Biology and fishery of Crustacea.
- Title of thesis was “Biological studies on some migrating species of the Penaeidae from the Mediterranean and Delta Lakes”.
- Doctor of Philosophy degree from Tokyo University, Japan in March 1983. Major in Ecology of fouling bivalve. Dissertation title was
- “Ecological studies on the fouling bivalve *Limnoperna fortunei kikuchi* in Shonai Inlet, Lake Hamana. Japan”.

Present position

- Prof. And head of Invertebrate aquaculture Department from 1989 till now.

- Principal investigator of the project “Development of shrimp hatcheries and farms in Egypt” from 2003 till now.
- Principal investigator of the project “Culture of commercial invertebrate species Echo-friendly to the environment” (Bivalves and sea cucumber) 2004.
- Chief editor of NIOF scientific Journal “Egyptian Journal of Aquatic Research”.
- Member of standing committee of promotion for Scientific Staff, NIOF from 2002 till now.

Experience

- Establishment of shrimp farm near Port Said during 1986-1988.
- Scientific advisor for El-Nasr saline Company for Artemia cysts exploitation during 1988-2000.
- Establishment of El-Ariesh marine fish and shrimp Hatchery to produce shrimp and fish fry during 1994-1996.
- Scientific advisor for private sector fund for establishment of shrimp culture projects from 1994 till now.
- Supervising all the training courses on shrimp culture and Bivalve culture in NIOF and other scientific centres and universities from 1990 till now.
- Establishment of NIOF shrimp hatchery in Alexandria, with the experimental shrimp farm from 1994.

Conferences & Scientific Meetings

- Egyptian-British Meeting on animal production, 1988, 1989, 1990.
- Shrimp culture Conference, Port-Said, 1989.
- International Conference for Aquaculture in Spain, 1993.
- Egyptian-German Society of Zoology, meetings in 1991 to 2004.
- Egyptian-Indonesia workshop on Aquaculture in Indonesia in 1996.
- The International Conference on Crustacean Nutrition held in Kagoshima, Japan, April, 1995.
- Egyptian-Indian Workshop in Egypt in 1996.
- Indian-Egyptian workshop in India 1997.
- Followed the Advanced Seminar “Mollusc production in Mediterranean countries”
- May 2002; Spain.
- Egyptian – Chinese workshop in Egypt 2005.
- Followed the advanced course in "Design and management of bivalve Mollusc

- hatcheries February, 2005, Spain.

Supervision

- Yassin, M.H. Master of Science, 1993. Title: Biological studies on some Penaeid. Species of Suez-Egypt.
- Yassin, M.H. Doctor of Science, 1997. Title “Biological and ecological studies on the Pearl Oyster, *pinctada radiata* from the Red Sea with special to water pollution”.
- Sallam, N.A. Master of Science, 1993. Title “Biological studies and larval stages of Penaeid shrimps”.
- Sallam, N.A. Doctor of Science, 2000 Title “Studies on the biological characters and rearing of some Palaemonidae shrimp (Decapoda-Caridae) in the Egyptian waters”.
- Taha, S.M., Master of Science, 1994. Title “Studies on Metapenaeid shrimps reared in different water bodies, Egypt”.
- Taha, S.M. Doctor of Science, 2000, Title “Studies on artificial propagation and feeding of the Penaeid prawn in Egypt.
- Zaglol, S.S. Master of Science, 1996. Title, “Studies on reproduction and larval stages of some Penaeid shrimps, Suez Gulf, Egypt.
- Zaglol, S.S. Doctor of Science, 2003, Title “Studies on the reproductive biology of Egyptian crab in Suez Bay, Egypt”.
- Mikhael, M. Doctor of Science, 1998, Title “Experimental studies on rearing the fresh-water shrimp *Macrobrachium rosenbergii* (De Man) by using the abundant aquatic insects and Zooplankton in the Nile water at Barrage region, Egypt”.
- El-Hawarry, W.N, Master of M.V. Sc., 2001 Tittle “Studies on the reproduction of marine shrimp with special emphasis on induced spawning.
- Moussa R.M, Master of science, 2002. “Studies on rearing of penaeid shrimp during the nurse phase”.
- Ragaii, A., Dector of Science. Reproduction and culture of *Metapenaeus monoceros* Fabriciuos in Egypt-2004.
- Omar H.A., Master Biological and Ecological studies on Holothuroidian spp. From Red Sea Hurghada, Egypt-2004.
- El-Masry, A.A. Master Biological studies and culture of some Venerid clams (Mollusca: Lamellibranchiata) in the Mediterranean waters.
- Mohamed Ashor, Master "Studies on culture and use the microalgae as feed for shrimp and marine fish larvae.

- Said Abdel Aziz, Master "Biological and Ecological Studies on some Bivalvia Pteriidae (Mollusca, lamellibranchia) from Red Sea Coast, Egypt.
- Iman Gaber, Master "Biological studies on *Trachpenaeus* and *Parapenaeus* shrimps in Egyptian waters.

List of Publications

1. [Abdel Razek, F.A.](#) M.Sc. Thesis, Alexandria University, Egypt 1974, Biological studies on some migrating species of the Penaeidae from the Mediterranean and Delta Lakes.
2. [Abdel Razek, F.A.](#) 1983. Ecological studies on the fouling bivalve , *Limnoperna fortunei kikuchii* HAB, PH.D Thesis submitted to Tokyo University, JAPAN, 1983
3. [Abdel Razek, F. A.](#) 1975, Crustacean fisheries of the South-Eastern Mediterranean Sea along the Egyptian coast-Soviet-Egyptian Expedition. Bull. Instit. Oceanogr. & Fish. A.R.E. Vol.5,1975.
4. Kanazawa.A, S.I Teshima, S. Tokiwa, M. Endo, and [Abdel Razek, F.A.](#), 1979 Effect short-Necked clam phospholipids on growth of prawn. Bull. Jap. Soc. of Scie. 45(8), pp 961-965.
5. Ishak.M.M, A.A.Alsayes and [Abdel Razek, F.A.](#),1980 Bionomics of *P.kerathurus* transplanted into Lake Quarun(Egypt). Aquaculture, 21. pp 365-374.
6. [Abdel Razek, F.A.](#),1985 Contribution to the biology of Penaeid prawns of the Mediterranean coast of Egypt. 1- Maturation and spawning. J. Egypt. Vet Medic.Ass.45(2) pp 17-28.
7. Wadie,W.F. and [Abdel Razek, F.A.](#),1985 The effect of daming on the shrimp population in the Mediterranean sea. Fish. Research, 3(1985) pp 323-335.
8. [Abdel Razek, F.A.](#) 1987 Crab fishery of the *Egyptian* waters with notes on the bionomics of *Portunus pelagicus* (L). Acta Adriatica, 28(1-2): 143-154.
9. [Abdel Razek, F.A.](#), M.M. El Hawary, Y.Halim,S.S., Drobsheva.1987. A new Indo-Pacific Penaeid in the Mediterranean, *Solinocera indica* Natarage. Bull. Inst. Oceanogr. & Fish . A.R.E .7(3): 575-577.
10. [Abdel Razek, F.A.](#), 1988 Some biological studies of the Egyptian crabs *Portunus pelagicus* (L). Acta Adriatica,29 (1-2): 133-143.
11. [Abdel Razek, F.A.](#), 1988 Notes on the bionomics of the Penaeid prawns in Lake Borollos. Proc. Zool. Soc. A.R.E, 16 pp 21-30.
12. [Abdel Razek, F.A.](#), A.Ezzat, and H.A.El-Hady,1989 Biometric studies & length weight relationship of Lobster *Thenus orientalis* in Dammam water(Arabian Gulf) Kingdom of Saudi Arabia. Alex. J. of Vet. Scie. Vol.5 No.1 pp 649-663.
13. Ezzat. A, [Abdel Razek, F.A.](#) and El Hady. H.A., 1989 The monthly changes in the hepatopancreas index and its effect on moulting in lobster *Thenus orientalis*(Land,1793). Alex. J. of Vet.Scie.Vol.5 No.1 pp 665-671
14. Abdel Rahman,S.H, and [Abdel Razek, F.A.](#) 1989 Preliminary studies on the presence of *Artemia* population near Alexandria Egypt. 1- *Artemia* populations in saltworks at El-Mex. Third Egypt.Brit.Conf.Anim, fish and Poultry production. Faculty of Agr. Alex.Univ.,7-10 October.pp739- 746.
15. Ezzat. A, [Abdel Razek, F.A.](#) and H.A.El Hady.1989 Biological size in Decapods (Crustacea). Third Egypt. Brit. Conf. Anim. Fish and Poultry production. Fac. Agr.Alex.Univ.7-10 October pp789-795.

16. El Hady, H.A, [Abdel Razek, F.A.](#) and A. Ezzat,1990. Reproduction of *Penaeus semisulcatus* De Haan in Dammam waters(Arabian Gulf) Kingdom of Saudi Arabia. Arch Hydrobiol. 118 2 pp 241-251.
17. [Abdel Razek, F.A.](#), E.Elkeryoni and S.Abdel Hafez,1989 Bioeconomical studies on marine Crustacea in Egyptian Fisheries. Comm. Sci. and Dev. Res. Vol. 28, pp 103-119.
18. [Abdel Razek, F.A.](#), 1992 Biological observations on the introduced prawns in Lake Qarun (Egypt). Acta Adriat . 33(1/2) : 191-197.
19. [Abdel Razek, F.A.](#), A.Ezzat, El Zahabi and N.Sallam,1991 Effect of different feed regime on growth of post-larval Penaeid shrimp *Penaeus japonicus*. Bull. Fac. Zagazig Univ. 13 (2) pp 530-547.
20. El-Keryoni E., [Abdel Razek, F.A.](#) and S.Abdel Hafez,1991 Bioeconomic studies on Lake Qarun production of fish and shrimp. Comm.Scie.&Dev.Res. Vol.37, pp 63-74.
21. [Abdel Razek, F.A.](#) 1992 Growth of *Metapenaeus monoceros* (Fabricius)in Egyptian waters. Proc.2nd Alex. Conf.Fd.Sci. Tech. pp 449-59
22. Ezzat. A, [Abdel Razek, F.A.](#), El Hady H, S.H.Abdel Rahman, 1992. Reproduction of *Thenus orientalis* from the Arabian Gulf waters off Saudi Arabia. Alex. Sci. Exch. Vol 13, No.1 pp 21-38.
23. [Abdel Razek, F.A.](#), K. Okamoto, K.Chiba, H. Kurokura and R. Hirano, 1993 Distribution of *Limnoperna fortunei kikuchii* in Shonai Inlet, Lake Hamana. Bull.Suisan Zoshoku, Japan, Aqua. Soc. Vol 41 No. 1 pp 89- 96.
24. [Abdel Razek, F.A.](#), K. Okamoto, K. Chiba; H. Kurokura and R.Hirano,1993. Life history of *Limnoperna fortunei kikuchii* in Shonai Inlet , Lake Hamana. Bull. Suisan Zoshoku, Japan, Aqua. Soc. Vol. 41,No.1 ,pp 97- 104.
25. [Abdel Razek, F.A.](#), Bebars, M.I, Ghobashy, A.F. and Yassien,M.H.1993 Reproduction of *Penaeus latisulcatus* Kishinouye in the Gulf of Suez, Egypt. J. Egypt. Ger. Zool. Vol.12(D), pp 77-92.
26. [Abdel Razek, F.A.](#); Al Agamy. A, Gohbashy A.F, and Mahfoz, S.T,1993 Comparative morphometric studies on the shrimp *Metapenaeus stebbingii* Nobili in different water bodies. J. Egypt. Ger. Zool.Vol. ,11(D) pp 219-238
27. Abdel Rahman, S.H. S.I Ghoneim and [Abdel Razek, F.A.](#), 1993 Observations on propagation and mass rearing of Penaeid shrimp larvae in Egypt 1994. International Conf. On future Aquatic Resors. In Arab Region,1994, pp 461-468.
28. [Abdel Razek, F.A.](#) 1993 Experimental observations on growth of the fresh water shrimp *Macrobrachum rosenbergii* (De Man) in Egypt. J. Egypt. Ger. Soc. Zool. Vol. 11(D), pp 123-137.
29. Bebars, M.I, [Abdel Razek, F.A.](#), A.F. A.Ghobashy and M.H.Yassien,1993 Growth of *Penaeus latisulcatus* Kishinouye in the Gulf of Suez,Egypt. Bull. High Inst. of public Health, Alex.Vol XXIII, (3) pp 521-537.
30. [Abdel Razek, F.A.](#); Bebars, M.I;A.F. Ghobashy and ,M.H.Yassien,1993 Biological studies on *Penaeus semisulcatus* (De Haan) in Gulf of Suez, Egypt. The Bull. High Inst. Of Public Health, Alex.Vol.XXIII,(3) pp 607-626.
31. [Abdel Razek, F.A.](#) 1993 Fecundity of the shrimp *Metapenaeus stebbingii* Nobili in Egyptian waters. Alex. J. Agr. Res.Vol.38(3): 199-216.
32. Yassien, M.H, Bebars, M.I, [Abdel Razek, F.A.](#) and Ghobashy.A.F.A,1993 On the prawn Fisheries in the Gulf of Suez, Egypt. Qatar Univ. Scie. J. Vol. 13, No. 2,pp 358-369.
33. Ezzat, A; [Abdel Razek, F.A.](#); A. El Zahabi and ,N.A.Sallam.1993 Growth of the prawn *Penaeus semisulcatus* De Haan, on the coast of Alexandria. Maison De L'Environnement De Montpellier Conf.,FRANC,20-April,1993.

34. Saber, N.A and [Abdel Razek, F.A.](#) 1993 Distribution of some trace element in shrimp *Metapenaeus stebbingi* Nobili in Egyptian waters The Bull of the High Inst. Of Puplic Health,Alex.
35. [Abdel Razek, F.A.](#); M.I.Babers; and M.H.Yassien,1994 Notes on the breeding season of the prawn *Penaeus japonicus* Bate in Gulf of Suez, Egypt. G. Egypt. Germ. Soc. Zool. Vol.13(D) pp 141-152.
36. [Abdel Razek, F.A.](#); S.H.Abdel Rahman and S.S.Zaglol,1994 Aspects of the reproduction of the prawn *Penaeus latisulcatus* Kishinouya in the Gulf of Suez, Egypt. J.KAU.Mar.Sci.,Vol.7, pp 153-159
37. [Abdel Razek, F.A.](#) 1995 Abundance and reproductive biology of *Metapenaeus stebbingi* Nobili, shrimp in Lake Quarun, Egypt. Oebalia, 1995 Vol. XXI : 27-36
38. [Abdel Razek, F.A.](#) and S.H. Abdel Rahman,1996 Shrimp culture "From hatching up to markting" Alexandria-Egypt. (In Arabic).
39. [Abdel Razek, F.A.](#) and S.S.Zaglol.1996 Histological studies on the western king prawn *Peneaus latisulcatus* kishinouye, in the Gulf of Suez, Egypt. 1st conf. On the role of Scie. In the develop. Of Egypt.Soc.and Environ.Fac.of Scie., Banha,Egypt.
40. [Abdel Razek, F.A.](#); Ibrahim,A; M.El Samara; Yassien, M.H; & Gabal, M.N.A,1998 Concentrations of some heavy metals in the Pearl oyster *Pinctada Radiata* from the Red Sea. Egypt. J. Aqu. Biol. And Fish.Vol.2 No.4
41. [Abdel Razek, F.A.](#); Laila, S.A. Hamouda; Hashim, A.Abdel Rahman; Magdi, T. Khalil and Madlen, H.Habashy, 1998. Utilization of natural feed by the fresh water prawn, *Macrobrachum rosenbergii* (De Man)in Egypt. Egypt. J. Aqu. Biol. and Fish. Vol.2 No.4
42. [Abdel Razek, F.A.](#); Al Zahaby, A.S; Tolba,R.A,and Sallam, N.A,1998 Aspects on larval growth of *Palaemon serratus* (Pennant). reared in the laboratory (Decapoda-Caridea). Proc. Of the 8th Intern. Conf. On Environ. Protection is A must . Alexandria, Egypt.
43. [Abdel Razek, F.A.](#), A. El. Agamy, S. H. Abdel Rahman, M. S. El Barbary and S. Mahfouz.1999. Studies on the Reproductive Performance of Prawn *Penaeus japonicus* Bate Brood Stock, based on Egg Quality, Hatching Rates and Ages. Egypt. J. Aqu. Biol. and Fish.. Vol. 3, No. 4 pp.17-43.
44. [Abdel Razek, F.A.](#), Yassien.M. H., Ibrahim, A. M. and El-Samra,M. I.,1999. Age, Growth and Mortalities of the Pearl Oyster, *Pinctada radiata* from the Red Sea. Second symp. On the Red Sea Marienvironment. J. KAU. Mari. Sci, Vol.
45. Mohammed H.Y., [Abdel Razek, F.A.](#), and Raouf W. Kiloda, 2000. Growth Estimates of Pearl Oyster, *Pincatada radiata*, from the Eastern Mediterranean Egypt. J. Aqu. Biol. and Fish . Vol.4, No.4 pp.105-118
46. Raouf W. Kiloda, [Abdel Razek, F.A.](#) and Mohamed H. Yassien, 2000. Population Growth and Asexual Performance of the Sea Cucumber *Holothuria arenicala* from the Eastern Mediterranean. Egypt; Aquat.Biol& Fish. Vol 4, No. 4 pp.119-135.
47. [Abdel Razek, F.A.](#) and S.M. Taha, 2001. A review of length-weight relationships of penaeid shrimps from Egyptian marine waters Bull. Inst. Oceanogr. & Fish. Vol. 27, 2001.
48. Abdel Rahman S.H., Rezk E.T, [Abdel Razek, F.A.](#), Mona M.H., Moussa R.M. 2002. Synergistic Effects of Temperature and Acclimation to Low salinity on Survival of Post larval stages of *Penaeus japonicus* (Bate). 2002. The Second International Confrence on Biological Sciences. Faculty of science, Tanta University 27-28 April.
49. Mona M.H., [Abdel Razek, F.A.](#), Abdel Rahman S.H., Taha A.R., Moussa R.M. 2002. Observations of Optimal Feeding and Thermal Conditions for Growth of Low- Salinity

Acclimated Hatchery Reared *Penaeus japonicus* (BATE) Post Larvae. The Second International Conference on Biological Sciences. Faculty of science, Tanta University 27-28 April.

50. El-Telbany M.M.; W.N. El Hawarry, [Abdel Razek, F.A.](#) 2002. Effect of unilateral eyestalk ablation and serotonin injection on the reproductive performance of marine shrimp *Penaeus Japonicus*. Minufya Vet. J. vol. 2 No. 1, 2002.
51. [Abdel Razek, F.A.](#); S.H. Abdel Rahman; S. Zakria and S.S. Zaglol, 2004. Reproductive biology of *Portunus pedagicus* Linnaeus (partunidae) Brachyura, Cruolcacea) in Suez Bay, Egypt. International Conf., on Biol. Scie. (ICBS-3), 2004.
52. [Abdel Razek, F.A.](#); S.H. Abdel Rahman; El Zaid Taha M.H. Mena and A.R. Moussa 2004. Stocking density of acclimated *Penaeus Japanies* post larvae at low salinities using different conditions. International Conf., on Biol. Scien. (ICBS-3), 2004.
53. Mena M.H.; [Abdel Razek, F.A.](#), S.H. Abdel Rahman; El S. Taha and Moussa, R.M., 2004. Protein and lipid requirements of *P. Japanies* (Bat, 1881) post larvae acclimated to low salinity. International Conf. on Biology. Sci. (ICBS-3) 2004.
54. [Abdel Razek, F.A.](#), Abdel-Rahman S.H., El-Shimy N.A. and Omar H.A., 2005. Reproduction biology of the tropical sea cucumber *Holothuria atra* (Echinodermata: Holothuroidea) in the Red Sea Coast of Egypt. Egypt. J. Aqu. Res. Vol. 31 No. (2) 2005.
55. [Abdel Razek, F.A.](#) and Mahfoz T.S., 2006. Experimental larval development of penaeidae shrimp, *Trachypenaeus Curvirostris* (Stimpson, 1860) from the Egyptian Mediterranean coast. Second Inter. Conf. on Aquatic resors. of the Arab. Region, 2006.
56. Mahfoz, S.T., [Abdel Razek, F.A.](#), El-Sherief S.S. and Gaber I. 2006. Morphometric analysis of *Trachypenaeus* and *Parapenaeus* species from the Egyptian Mediterranean waters. Second Inter. Conf. on Aquatic resors. of the Arab. Region, 2006.
57. El-Sersy N., [Abdel Razek, F.A.](#) and Mahfoz S.T., 2006. Evaluation of various probiotic bacteria for the survival of *Penaeus Japonicus* larvae (In press).