**Masoumeh Malek**

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| University of Tehran | e-mail: [masoumeh.malek@gmail.com](mailto:masoumeh.malek@gmail.com) |

**EDUCATION**

* 1990, B.Sc. in Animal biology (Zoology), University of Tehran, Iran
* 1997, Ph.D. in Fish parasitology, University of Wales, U.K.

**WORK EXPERINCES**

* 2014, Deputy Dean of College of Science, University of Tehran
* 2014, Professor, College of Science, University of Tehran
* 2008, Associate professor, College of Science, University of Tehran
* 2000-2007, Assistant Professor, School of Biology, College of Science, University of Tehran
* 1995-1997, Teaching assistant, University of Wales, Swansea, U.K.
* 1990-1992, Deputy director of Fish Disease Department, Mazandaran Fisheries Research Center

**RESEARCH INTEREST**

* Environmental assessments and bioindicators
* Population dynamics
* Fish and parasite taxonomy
* Biology of leeches

**MEMBER OF SOCIETY**

* European Association for fish pathologists (EAFP)
* British Society for Fish Parasitology

**PUBLICATIONS**

Google scholar: <https://scholar.google.com/citations?user=rifPYs8AAAAJ&hl=en>

**1- Malek, M.** (1993) Investigation on the infection of *Capoeta capoeta gracilis* with *Clinostomum complanatum* and its life cycle in the Shiroud River. *Journal of Fisheries Research Organization of Iran,* **2**: 45-65.

**2-** Sari, Aand **M, Malek** (2000) Occurrence of *Maritrema arenaria* (Digenea: Microphalidae) in the acorn barnacle *Balanus perforatus* (Crustacea: Cirripedia). *Journal of the marine biological association of the United Kingdom*, **80 (2):** 371-372.

**3- Malek, M.** (2001) Effects of the digenean parasites *Labratrema minimus* and *Cryptocotyle concavum* on the growth parameters of *Pomatoschistus microps* and *P. minutus* from South west Wales. *Parasitology Research*, **87(4):** 349-356.

**4- Malek, M., Mobedi, I.** (2001) Occurrence of *Clinostomum complanatum* (Digenea: Clinostomatidae) in *Capoeta capoeta gracilis* (Osteichthys: Cyprinidae) from Shiroud River. *Iranian Journal of Public Health*, **30(3-4):** 95-99.

**5-** Badiei Namaghi, H., F. Ghasemzadeh and **M. Malek** (2001) Morphometric-Meristic study of *Capoeta fusca* from Khorasan province. *Journal of Science, University of Mashad,* **2**.

**6- Malek, M.** (2003)Parasites as indicators of feeding behaviour in gobies. *Bulletin of the European association of fish pathologists*, **23(5)**: 219-222

**7- Malek, M.** (2004) Parasites as discrimination keys in gobies*. Bulletin of the European Association of Fish Pathologists*. **24(4):** 173-179

**8-** Rouhi Aminjan, A.and **M. Malek** (2004) Ecology of helminthes parasites of *Capoeta capoeta gracilis* from Shiroud River (Mazandaran). *Journal of Fisheries Research Organization of Iran***, 2**:73-82

**9- Malek, M.,** M. Haseli, I. Mobedi, M. R. Ganjali, K. Mackenzie (2007) Parasites as heavy metal bioindicators in the shark *Carcharhinus dussumieri* from the Persian Gulf. *Parasitology*, **134**:1053-1056.

**10-** Ebrahimi, M. and **M. Malek** (2007) Comparative study of helmith parasites of *Acipenser persicus* and *A. stellatus* (Chnodrostei: Acipenseridae) from the South coast of Caspian Sea. *Journal of Science*, **4**:361-368.

**11-** Maleki, L. and **M. Malek** (2007) Digenean parasites of *Capoeta capoeta* and *Chalcalburnus chalcoides* (Osteichthyes: Cyprinidae) in Shiroud River. *Journal of Science,* **4:** 369-373.

**12-** Nasrollahi, A., A. Sari, S. Seifabadi, **M. Malek** (2007) Effects of algal diet on larval survival and growth of the barnacle *Amphibalanus* (= *Balanus*) *improvisus* (Darwin, 1854) Pitombo, 2004. *Journal of the marine biological association of the United Kingdom*, **87**: 1227-1233.

**13-** Ghanbarifardi, M. and **M. Malek** (2007) Permanent intertidal fish from the Persian Gulf and Gulf of Oman, Iran. *Iranian journal of Animal Biosystematics.* **3**

**14-** Ghanbarifardi, M. and **M. Malek** (2009) Distribution and abundance patterns of rocky intertidal fishes in the Persian Gulf and Gulf of Oman, Iran. *Marine Biology Research,***5**:5,496 — 502

**15-** Rajabpour, M., **M. Malek**, MacKenzie, K. and Aghlmandi, F. (2008) Helminth parasites of stellate sturgeon *Acipenser stellatus* Pallas, 1771 and Persian sturgeon *Acipenser persicus* Borodin, 1897 (Pisces: Acipenseridae) from the South*–*East Caspian Sea, *Parasitology Research,* **102(5)**: 1089-1091

**16-** Ghayoumi, R., **Malek, M.,** Jamili, S., Nabavi, S. and Motallebi, A. (2009) Epizootiology of intestinal helminth parasites of *Clupeonella* spp. (Osteichthyes: Clupeidae) from the Caspian Sea, Iran. *Bulletin of the European Association of Fish Pathologists.* **29(4**): 109-117.

**17-** Krupp, F., Al-Jumeili, M., Khalaf, M., Malek, M. and Streit, B. (2009) The Middle Eastern Biodiversity Network: Generating and sharing knowledge for ecosystem management and conservation. *Zookeys,* **31**:3-15.

**18-** Latif, R., Ezzatpanah, S., **Malek, M.** and Parsa H. (2009) Earthworms of the Central Alborz Mountains, Iran, Iranian *Journal of Animal Biosystematics*, **5(2):**1-11.

**19**-Khaleghzadeh, H., **Malek, M.** and Valinasab, T. (2009) First record of parasitic copepod, *Brachiella trichiuri* Gnanamuthu, 1951 (Crutacea: Lernaeopodidae) from *Trichiurus lepturus* Linnaeus, 1758 (Osteichthyes: Trichiuridae) from the Persian Gulf. *Iranian Journal of Animal Biosystematics**,* **5(2)**:17-21.

**20-** Ezzatpanah, S., Latif, R., **Malek, M.** and Salehi, H. (2010) Earthworm fauna of the western Mazandaran province, Iran. *Zoology in the middle East*, **49(2)**: 67-74.

**21-** **Malek, M.,** Caira, J. N. and Haseli, M. (2010). Two new species of Paraorygmatobothrium Ruhnke, 1994 (Cestoda: Tetraphyllidea) from the carcharhinid shark Carcharhinus cf. dussumieri (Muller & Henle) in the Persian Gulf. *Systematic Parasitology.***76(1)**: 59-68.

**22**- Haseli, M., **Malek, M**. and Palm, H. W. (2010) Trypanorhynch cestodes of elasmobranchs from the Persian Gulf*. Zootaxa,* **2492**:28–48.

**23-** Haseli, M., **Malek, M.,** Valinasab, T. and Palm, H.W. (2012) Two new species of *Echinobothrium* van Beneden, 1849 (Cestoda: Diphyllidea) from the Persian Gulf. *Systematic Parasitology,* **82(3)**, 201-9.

**24**-Haseli, M., **Malek, M.,** Valinasab, T. and Palm, H.W. (2010) Trypanorhynch cestodes of teleost fish from the Persian Gulf, Iran. *Helminthology.* **85**: 215-224.

**25-** Golestaninasab, M.,**Malek, M**., Jalali, B. And Mobedi, I. (2012) Variation in the Sex Ratio of *Rhabdochona fortunatowi* (Spirurida: Rhabdochonidae) in *Capoeta capoeta gracilis* (Cypriniformes: Cyprinidae) in relation to parasite intensity, host size and temperature. *Helminthology,* **86,** 41-45.

**26-** Darabi-Darestani, K., **Malek, M.** (2011)Seasonal variation in occurrence of the medicinal leech, *Hirudo Orientalis* Utevsky & Trontelj 2005, in Guilan Province, Iran. *Aquatic Biology,* **11:** 289–294.

**27-** Latif, R., **Malek M**. and MacKenzie K. (2011) *Eiseniella tetraedra* (Savigny)(Oligochaeta: Lumbricidae) as a bioindicator of heavy metals. *Toxicological &* *Environmental Chemistry***, 93(8),** 1643-1649.

**28-** Khaleghzadeh-Ahangar, H., **Malek, M.** and McKenzie, K. (2011) The parasitic nematodes Hysterothylacium sp. type MB larvae as bioindicators of lead and cadmium: a comparative study of parasite and host tissues. *Parasitology*, **138**, 1400–1405.

**29-** Darabi-Darestani, K. and **Malek, M.** (2011) Predation in two species of leech under laboratory conditions. *Progress in Biological Sciences,* **1(2),** 11-15.

**30-** Kashani, Gh. Sari, A., Hosseinie Sh., **Malek, M.** and Entezari, E. (2011) Life cycle and population structure of the terrestrial isopod *Hemilepistus* *klugii* (Brandt, 1833) (Isopoda:Oniscidea) in Iran. *Journal of Natural History,* **45(33-34),** 2081-2094.

**31-** Mrimonsef, H., **Malek, M.,** Latif, R. and Salehi, H. (2011) The Earthworm fauna of Tehran province, Iran: an Ecological characterization. *Iranian Journal of Animal Biosystematics,* **7(2),** 89-97.

**33-** Caira, J.N., **Malek, M.** and Ruhnke, T. (2011) A new genus of Phyllobothriidae (Cestoda: Tetraphyllidea) in carcharhiniform sharks from Iran and Australia. *Journal of Helminthology,* **85**, 40-50.

**32-** Oguzi, M.C., Amin, O.M., Kechmann, R.A., Tepe, Y., Johargholizadeh, Gh., Aslan, B. and **Malek, M.** (2012) The discovery of *Neoechinorhynchus zabensis* (Acanthocephala:Neoechinorhynchidae) from cyprinid fishes in Turkey and Iran, with special reference to new morphological features revealed by scanning electron microscopy. *Turkish Journal of Zoology,* **36(6)**: 759-766

**33-** Latif, R., **Malek, M.** and Mirmonsef, H. (2013) Cadmium and Lead accumulation in Three Endogeic Earthworm Species. Bulletin of Environmental Contamination and Toxicology. *Bulletine of Environmental Conatamination Toxicology*, **90(4)**: 456-459.

**34-** Farhadi, Z., **Malek, M.** and Elahi, E. (2013) Review of the earthworm fauna of Iran with emphasis on the Kohgiluyeh & Boyer-Ahmad Province. *Zootaxa,* 3670 (4): 440–448.

**35-** Maleki, L., **Malek, M.** and Palm, H. (2013) Two new species of *Acanthobothrium* (Tetraphyllidea: Onchobothriidae) from *Pastinachus* cf*. sephen* (Myliobatiformes: Dasyatidae) from the Persian Gulf and Gulf of Oman. *Folia Parasitologica,* 60 (5): 448–456.

**36-** Amoozadeh, E., **Malek, M.**, Rashidinejad, R., Nabavi, S.M., Karbassi, M.R., Ghayoumi, R.,Ghorbanzadeh-Zafarani, G., Salehi, H., Sures, B. (2014) Marine organisms as heavy metal bioindicators in the Persian Gulf and the Gulf of Oman. *Journal of Environmental Science and Pollution Research,* 21(3):2386-95.

**37-** Malekei-Ravasan, N., Bahrami, A., Shayeghi, M., Oshaghi, M.A., **Malek, M.,** Mansoorian, A.B., Vatandoost, H. (2013)[Notes on the Iran Caddisflies and Role of Annulipalpian Hydropsychid Caddisflies as a Bio-monitoring Agen](javascript:ShowArticleDetail('153421'))t. *Journal of Arthropod-Borne Disease,* 7(1):71–82.

**38-** Golestaninasab, M., **Malek, M.**, Roohi, A., Karbassi, A.R., Amoozadeh, E., Rashidinejad, R., Ghayoumi, R. and Sures, B. 2014. A survey on bioconcentration capacities of some marine parasitic and free-living organisms in the Gulf of Oman. *Ecological Indicators*, **37**: 99-104.

**39-** Golestaninasab, M., **Malek, M.** 2015. Two new species of *Rhinebothrium* Linton, 1890 (Cestoda: Rhinebothriidea) from *Glaucostegus* *granulatus* (Cuvier) (Rajiformes: Rhinoblatidae) in the Gulf of Oman, Iran. *Systematic Parasitology.*

**40-** Maleki, L., **Malek, M.,** Palam, H. 2015. Four new species of *Acanthobothrium* (Tetraphyllidea: Onchobothriidae) from the Giant Guitarfish, *Rhynchobatus* cf. *djiddensis* (Elasmobranchii: Rhynchobatidae), from the Persian Gulf and Gulf of Oman. *Folia Parasitologica*, 62.

**41**- Roohi-Aminjan, A., **Malek, M.** 2016. Two new cestode species of *Tetragonocephalum* Shipley & Hornell, 1905 (Lecanicephalidea, Tetragonocephalidae) from *Himantura randalli* Last, Manjaji-Matsumoto & Moore (Myliobatiformes, Dasyatidae) from the Gulf of Oman. *ZooKeys* 623: 1-13.

**42-** Roohi-Aminjan, A., **Malek, M.** 2017**.** Two new species of *Tetragonocephalum* (Lecanicephalidea: Tetragonocephalidae) from *Pastinachus* *sephen* (Myliobatiformes: Dasyatidae) from the Gulf of Oman. *Folia Parasitologica.* 64: 1-8

**43- Malek, M.,** Khodadoost, M. 2016. A Chronological Journey to Iranian Medicinal Leech, an Amazing Creature. *Science cultivation*, 6(1): 73-80.

**44-** Latif, R., **Malek, M.,** Csuzdi, Cs., 2016. New earthworm records from the Central Zagros mountain, Iran, with description of a new species. *North-Western Journal of Zoology.*

**45-** Jafarifar, F., **Malek, M.,** Parsa, H. and Salehi, H. (In Press). The growth, survival rate and some reproduction properties of the medicinal leech, *Hirudo orientalis*  Utevsky and Trontelj, 2005 under laboratory conditions. *Journal of Natural History*.

**46-** Latif, R., **Malek, M.**, Roohi-Aminjan, A., Nadimoghadam, N., Mirshamsi, O., Mirmasoumi, H. and Hosseini, E. (In press). Comparative studies on reproductive traits of natural populations of *Eisenia andrei* Bouché, 1972 from Zagros Mountain, Iran (Annelida: Oligochaeta). *Zootaxa.*

**CONFERENCES**

**1- Malek, M.** (1995) Ecology of Helminthes parasites of gobies, *Pomatoschistus microps* and *P. minutus* from South-West Wales, Britain, Spring meeting of British society for fish parasitologists, 1-3rd March, Bangor, Britain.

**2- Malek, M.** and James B. L. (1995) Quantitative effects of helmith parasites of the growth parameters of the common goby, *Pomatoschistus microps* and the sand goby, *P. minutus* (Osteichthyes: Gobidae). *In:* Methodology in Fish Diseases Research (Eds. Barnes, A. C., Davidson, G. A., Hiney, M., D. McIntosh). Fisheries Research Service, Aberdeen, U.K. pp:271-279.

**3- Malek, M.** (1996) Applicability of parasites in identifying host species and age groups, 1st Zoology congress of Iran, 17-18th September, Tehran, Iran.

**4- Malek, M.** (2001) Population dynamic of the common goby, *Pomatoschistus microps* from South-West Wales, Britain. The 5th symposium of Marine and Atmospheric Science, 7-9 March, Bandar Abbas, Iran.

**5- Malek, M.** (2001) Study of parasitic infection of gobies from South-West Wales and applicability of Prasites as a biological tags. The first Iranian congress of fish health and diseases, 15-17 February, Ahvaz, Iran.

**6- Malek, M.** (2001) Parasitic infections of two species of goby, *Pomatoschistus microps* and *P. minutus* (Osteichthyes: Gobiidae). 10th international conference of Erupean Association of fish pathologists. 9-14 September, Dublin, Ireland.

**7- Malek, M**. and Rouhi Aminjan, A. (2003) Study of *Clinostomum complanatum*  in *Capoeta capoeta gracilis* (Osteichthyes: Cyprinidae) from Shiroud River, Iran: Comparison of the years 1992 and 2002. 23rd International Pakistan Congress of Zoology, 3-5 March, 2003.

**8- Malek, M.** (2003) Parasites as indicator of host behaviour. FSBI, Fish as a model of behaviour, 4-7 July, Norwich, U.K.

**9-** **Malek M.** and Rouhi Aminjan, A. (2004) Ecology of helminthes parasites of *Capoeta capoeta gracilis* from Shiroud River (Mazandaran). Spring meeting of British society for parasitology, 4-7th April, Chester, Britain.

**10-** Rajab-Pour, M. R., **M. Malek**, M. R. Ganjali, and H. Khoshbavar\_Rostami (2005) Parasites as biological indicators of heavy metals in Starry sturgeon *Aciperser stellatus.* 5th international symposium on sturgeon, 9-13 May, Ramsar, Iran.

**11- Malek, M.** (2005) Life history of the gobies *Pomatoschistus microps* and *P. minutus* from South West Wales. Annual main meeting of the Society for Experimental Biology, 11-15 July, Barcelona, Sapain.

**12-** A. Rouhi-Aminjan and **M. Malek** (2005) Seasonal variation of *Diplostomum spathaceum* (Digenea: Diplostomatidae) in *Capoeta capoeta gracilis* from Shiroud River, Iran. Annual main meeting of the Society for Experimental Biology, 11-15 July, Barcelona, Sapain.

**13-** Haseli, M. and **Malek, M.** (2005) Study of *Paraorygmatobothrium* sp. (Cestoda: Tetraphylidea) in shark, *Carcharhinus dussumieri* from the Persian Gulf. 7th invertebrate biodiversity and consevation conference, 4-9 December, Canbera, Australia.

**14-** Ghanbari-fardi, M. and **Malek, M.** (2006) Intertidal ichthyofauna of the Persian Gulf:1-Hormozgan province, Iran. The state of the Gulf ecosystems, Future and threats, 5-7 March, Alain, United Arab Emirates.

**15-** Ghadri, V., **Malek**, **M.** and Nasroullahi, A. (2006) Bioaccumulations of nickel and cadmium in the muscle and gill of mudskipper *Boleophthalmus dussumieri* in Mahshar estuary, Iran. The state of the Gulf ecosystems, Future and threats, 5-7 March, Alain, United Arab Emirates.

**16-** Haseli, M., **Malek, M.** and Mobedi, I. (2006) Ecology of Tetraphyllidean cestodes of the shark *Carcharhinus dussumieri* from the Persian Gulf. The state of the Gulf ecosystems, Future and threats, 5-7 March, Alain, United Arab Emirates.

**17-** Haseli, M., **Malek, M.** and Mobedi, I. (2006) First report of Trypanorhynch cestodes of the shark *Carcharhinus dussumieri* from the Persian Gulf. The state of the Gulf ecosystems, Future and threats, 5-7 March, Alain, United Arab Emirates.

**18-** Mirmonsef, H., **Malek, M.** and Latif, R. 2013. Diversity and habitat preference of earthworms from Central Elburz Mountain, Iran. 6th International Oligochaetes Taxonomy Meeting, 22 – 25th April, Portugal.

**19**- Mirmonsef, H., **Malek, M.** and Latif, R. 2013. Comparison of two populations of *Dendrobaena veneta* (Rosa, 1886) from Tehran Province. 6th International Oligochaetes Taxonomy Meeting, 22 – 25th April, Portugal.

**THESIS SUPERVISION**

**1-** Rouhi Aminjan, A. 2003. Ecology of parasites of *Capoeta capoeta gracilis* from Shiroud River. M.Sc. Thesis, university of Tehran.

**2-** Mosaieni, M. 2004. A study on Amphipods of Kordestan Province. M.Sc. Thesis, university of Tehran.

**3-** Rajab-Pour, M. 2005. Ecology of helminthes parasites of two species of kaviar fish, *Acipenser persicus* and *A. stellatus.* M.Sc. Thesis, university of Tehran.

**4-** Haseli, M. 2005. Ecology of tapeworms of shark *Carcharhinus dussumieri* in the Persian Gulf and scanning electron microscopy of some species, M.Sc. Thesis, university of Tehran.

**5-** Johargholizadeh, G. 2006. Ecology of helminth parasites of *Cyprinion macrostomum* and *Capoeta trutta* from Dez river.

**6-** Mazinani, M. 2006. Systematics of the Snake-eyed Lizard, *Ophisops elegans* (Sauria: Lacertidae) in the Iranian Plateau, M.Sc. Thesis, Razi University of Kermanshah

**7-** Maleki, L. 2006. Eolological survey of heminth parsites in fishes from Shiroud River (Mazandaran province). M.Sc. Thesis, university of Tehran.

**8-** Ebrahimi, M. 2007. Ecology of intestinal helminth parasites of sturgeons (Acipenseridae: Chonodrostei) in the south coast of Caspian Sea. M.Sc. Thesis, University of Tehran.

**9-** Ghanbarifardi, M. 2006. Taxonomy and biogeography of the intertidal fishes of the Persian Gulf and Gulf of Oman. M.Sc. Thesis, university of Tehran.

**10-** Ghayoumi, R. 2009. Helminth parasites of caspian kilka (Genus *Clupeonella* ) as bioindicators of heavy metals. PhD Thesis, Islamic Azad University.

**11-** Latif, R. 2009. Taxonomy and Biogeography of the earthworms from Haraz and Jajroud basin and applicability of the earthworm as bioindicator. M.Sc. Thesis, university of Tehran.

**12-** Khaleghzadeh, H. 2009. Study of helminthes parasites of Cutlassfish, *Trichiurus lepturus* Linnaeus, 1758 in the Persian Gulf and Oman Sea.

**NATIONAL RESEARCH PROJECT**

1- Study of helminthes parasites of *Capoeta capoeta gracilis* in Shiroud River.

2- Helminth parasites of caspian Kilka (Genus *Clupeonella* ) as bioindicators of heavy metals

3- Study of Helmith Parasites of *Carcharhinus dussumieri* from the Persain Gulf, Significance of Parasites in Accumulation of Heavy metals

4- Study of Earthworm from the Central Alborz and applicability of Earthworm as bioindicator.

5- Population monitoring and stuck enhancement of medicinal leech *Hirudo orientalis* Utevsky & Trontelj, 2005.

**INTERNATIONAL RESEARCH PROJECT**

1- Establishment of a Middle Eastern Biodiversity Research, Training and Conservation Network (Funded by DAAD, Germany).

2- A survey of the tapeworms (Cestoda: Platyhelminthes) from the vertebrate bowels of the earth (funded by National Science Foundation of USA

3- Water Management and Sustainability from a Cultural and Social Perspective – a Dialogue between Germany, Iran, Egypt and Indonesia (SusWaDialogue) (Funded by DAAD, Germany).