

Curriculum Vitae

Hamed Mousavi-Sabet

Ph.D. in Fish Biology & Ichthyology (Assistant Professor)

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Research Interests

- Freshwater Ichthyology (Cobitidae and Gobiidae families)
- Propagation and Rearing of Ornamental Freshwater Fishes
- Freshwater Fish Biology
- Fish Parasitology

Educations

- **B.Sc.:** 2001-2005. Natural Resources Engineering-Fisheries. Islamic Azad University, Iran. Dissertation: Reproductive Behaviors of Siamese Fighting Fish *Betta splendens* in Aquarium.
- **M.Sc.:** 2005-2007. Natural Resources Engineering-Fisheries. Islamic Azad University, Iran. Dissertation: Comparison Study on Masculinization of Guppy (*Poecilia reticulata*) and Convict Cichlid (*Cichlasoma nigrofasciatum*) by Oral Treatments of 17Alpha Methyl Testosterone.
- **Ph.D.:** 2007-2011. Fisheries. Science & Research Branch, Islamic Azad University, Tehran, Iran. Thesis: Study on Some Biological Factors of the Spined Loach *Cobitis* sp. in the Talar, Syahrud and Babolrud Rivers in North of Iran (South of Caspian Sea basin)".

Academic Employments

- **2011-Present:** Faculty of Natural Resources, University of Guilan, Guilan, Iran.
Assistant Professor; Fisheries Department.
- **2011-2012:** Faculty of sciences, Ankara University, Ankara, Turkey.
Post doctoral research course; Freshwater Ichthyology (Cobitidae and Gobiidae families).
- **2010-2011:** Biology Faculty, Hacettepe University, Ankara, Turkey.
Visiting Scholar; Fish Biology program.
- **2005-2007:** Islamic Azad University, Mazandaran, Iran.
Laboratory Teacher; Fisheries Department.

Courses Taught

- Fish Ecology
- Propagation and Rearing of Ornamental Fishes
- Marine Ecology
- Project in Fisheries
- Seminar in Fisheries

Professional Societies

- European Aquaculture Society
- Iranian Ichthyology Society
- Iranian Biotechnology Society
- Iranian Aquaculture Society
- Iranian Biology Society

Invention

- Re-circulated Incubator of Caspian Kutum's eggs. 2008. Register no: 48783

Publications

Books

- **Mousavi-Sabet, H. & Moradkhani, Z. (2009).** Aquarium & Atlas of Saltwater Fishes. NoAvar pub. 504 pages. ISBN: 978-964-2804-98-6.
- Arjini M. & **Mousavi-Sabet, H. (2008).** Ornamental Fishes- Characidae Family. Berahmand pub. 120 pages. ISBN: 978-964-6908-73-4.

- **Mousavi-Sabet, H. (2007).** The Principles of Fish Nutrition. NegareNoor pub. 486 pages. ISBN: 964-96273-9-1.
- **Mousavi-Sabet, H. (2005).** Ornamental Fishes- Anabantidae Family. NegareNoor pub. 144pages. ISBN: 964-96273-5-9.

Articles

- **Mousavi-Sabet, H., AnvariFar, H. (2013).** Landmark-based morphometric variation between *Cobitis keyvani* and *Cobitis faridpaki* (Pisces: Cobitidae), with new habitat for *C. faridpaki* in the southern Caspian Sea basin. *Folia Zoologica*. 62 (3): 167–175
- **Mousavi-Sabet, H., Sattari, M. (2013).** FIRST REPORT OF *Neoechinorhynchus rutili* IN *Cobitis faridpaki* (COBITIDAE), FROM THE SOUTHERN CASPIAN SEA BASIN. *Croatian Journal of Fisheries*, 71 (3): 97-110
- **Habibi, A., Mousavi-Sabet, H., Khoshkholgh, M., Esmaili, H.R. (2013).** DISTRIBUTION AND STATUS OF SPINED LOACH POPULATIONS (ACTINOPETRIGII: COBITIDAE) ALONG THE SOUTHERN CASPIAN SEA BASIN. *Croatian Journal of Fisheries*, 71 (3): 110-131.
- **Heidari A., Mousavi-Sabet H., Khoshkholgh M., Esmaili H.R., Eagderi S. (2013)** The impact of Manjil and Tarik dams (Sefidroud River, southern Caspian Sea basin) on morphological traits of Siah Mahi *Capoeta gracilis* (Pisces: Cyprinidae). *International Journal of Aquatic Biology* 1(4): 195-201
- **Mousavi-Sabet H., Seyyedi M. (2013).** Keeping, breeding and culture of Ocellaris clownfish (*Amphiprion ocellaris*) in aquarium. *Aquariumwereld* 66 (7-8), 220-227
- **Mousavi-Sabet H., Ghasemnezhad H., Petrescu-Mag I. V. (2013)** Effects of diet containing enriched *Artemia* with unsaturated fatty acids and vitamin C on growth, survival and stress resistance of swordtail *Xiphophorus hellerii* fry. *Poeciliid Research* 3(1):14-21.
- **Mousavi-Sabet H., Ghasemnezhad H. (2013)** Masculinization, mortality and growth rates of swordtail *Xiphophorus hellerii* (Poeciliidae) affected by methyltestosterone. *Poeciliid Research* 3(1):7-13.

- **Mousavi-Sabet, H.**, Habibi, A., Bagherpur O. (2013). Studies on Length-weight and Length-length Relationships, Relative Condition Factor and Fulton's Condition Factor of *Hemiculter leucisculus* (Pisces: Cyprinidae) from the Southwestern Caspian Sea Basin. *Our Nature*, 11 (1): 25-30
- Haghghi, E., Sattari, M., Dorafshan, S., Keyvani, Y., Khoshkholgh, M.R., **Mousavi-Sabet, H.** (2013). Morphological comparison between two populations of *Alburnoides eichwaldii* from Karganroud and Chalus rivers, using truss network system. *Journal of Applied Ichthyological Research*. 1 (1): 41-52.
- Homayuni, H., Marjani, M., **Mousavi-Sabet, H.** (2013). Morphological Characteristics of Otoliths for *Dussumieria acuta* and *Dussumieria elopsoides* (Pisces: Clupeidae) from the Northern Oman Sea. *Zoological Science*, 30(6):469-474.
- **Mousavi-Sabet, H.**, Gharaei, A., Ghaffari, M. (2013). Threatened fishes of the world: *Paracobitis rhadinaeus* (Regan, 1906) (NEMACHEILIDAE). *Croatian Journal of Fisheries [Ribarstvo]*. 70 (2): 37-41.
- Khataminejad, S., **Mousavi-Sabet, H.**, Sattari, M., Vatandoust, S. (2013) First record of *Alburnus atropatena* (berg, 1925) (cyprinidae) in namak basin, central Iran. *Croatian Journal of Fisheries [Ribarstvo]*. 70 (2): 37-41.
- **Mousavi-Sabet, H.** (2013). The Iran's blind cavefish *Iranocypris typhlops*. *Aquariumwereld* 66 (2), 34-39
- Ahmadi, S., Khodadadi, M., Salehi-Farsani, A., Samadi-Kuchaksaraei, B., **Mousavi-Sabet, H.** (2013). Morphological development and growth of Bunni, *Mesopotamichthys sharpeyi* (Günther, 1874), larvae reared in the laboratory. *Aqua* 19 (2): 99-108.
- Norousta, R., **Mousavi-Sabet, H.** (2013) Comparative characterization of blood cells and hematological parameters between the mature and immature Caspian Vimba, *Vimba vimba persa* (Teleostei, Cyprinidae). *Aquaculture, Aquarium, Conservation & Legislation [AAACL]* 6(3):232-240.
- Homayuni, H., Marjani, M., **Mousavi-Sabet, H.** (2013) Descriptive key to the otoliths of three *Sardinella* species (Pisces, Clupeidae) from the northern Oman Sea. *Aquaculture, Aquarium, Conservation & Legislation [AAACL]* 6(3):211-221.

- **Mousavi-Sabet, H.**, Abdollahpour, S., Salehi-Farsani, A., Vatandoust, S., Langroudi, H. F., Jamalzade, H.R., Nasrollahzadeh, A. (2013) Length-weight and length-length relationships and condition factor of *Alburnus mossulensis* from the Persian Gulf basin. *Aquaculture, Aquarium, Conservation & Legislation [AACL]* 6(4):297-302.
- **Mousavi-Sabet, H.**, Langroudi, H.F., RohaniRad, M. (2012) Sex reversal, mortality rate and growth of guppy (*Poecilia reticulata*) affected by 17 alpha methyltestosterone. *Poeciliid Research* 2(1), 1-8.
- Rashidi, Z., Khara, H. & **Mousavi-Sabet, H.** (2012) Hematological Profile of the Mature *Rutilus frisii kutum* (Cyprinidae) Migrated to the Tajan River in the Southern Caspian Sea. *World Journal of Fish and Marine Sciences* 4 (6), 665-671.
- **Mousavi-Sabet, H.** (2012). Biology of the southern Caspian Spined Loach and it's keeping in aquarium. *Aquariumwereld* 65 (9), 234-241.
- **Mousavi-Sabet, H.** (2012). Iranian Cichlid (*Iranocichla hormuzensis*), a new interesting aquarium fish. *Aquariumwereld* 65 (1), 4-12.
- **Mousavi-Sabet, H.**, Kamali, A., Soltani, M., Bani, A. & Rostami, H. (2012). Age, sex ratio, spawning season, gonadosomatic index, and fecundity of *Cobitis faridpaki* (Actinopterygii, Cobitidae) from the Siah Rud River in the southeastern Caspian Sea basin. *Caspian Journal of Environmental Science* 10 (1), 15-23.
- **Mousavi-Sabet, H.**, Kamali, A., Soltani, M., Bani, A., Esmaeili, H.R., Khoshbavar Rostami, H., Vatandoust, S. & Moradkhani, Z. (2012) Reproductive biology of *Cobitis keyvani* (COBITIDAE) from the Talar River in South of the Caspian Sea Basin. *Iranian Journal of fisheries Sciences* 11 (2), 383-393.
- **Mousavi-Sabet, H.**, Yerli, S.V., Vatandoust, S., Ozeren, S.C. & Moradkhani, Z. (2012) *Cobitis keyvani* sp. nova—a New Species of Spined-loach from South of the Caspian Sea Basin (Teleostei: Cobitidae). *Turkish Journal of Fisheries and Aquatic Sciences* 12, 3576-13
- **Mousavi-Sabet, H.** (2011). A Review on Biodiversity of Reef Fishes in the Persian Gulf. *Aquariumwereld* 64 (9), 264-274.

- **Mousavi-Sabet, H.**, Vasil'eva, E.D., Vatandoust, S. & Vasil'ev, V.P. (2011) *Cobitis faridpaki* sp. Nova- a New Spined Loach Species (Cobitidae) from the Southern Caspian Sea Basin (Iran). *Journal of Ichthyology* **51**(10), 925–931.
- **Mousavi-Sabet, H.**, Kamali, A., Soltani, M., Bani, A., Esmaeili, H.R., Rostami, H., Vatandoust, S. & Moradkhani, Z. (2011) Age, reproduction, and fecundity of a population of *Cobitis* sp. (Actinopterygii: Cypriniformes: Cobitidae) from the Babolrud River in the southern Caspian Sea basin. *Acta Ichthyologica Et Piscatoria* **41** (2), 117–122.
- **Mousavi-Sabet, H.**, Zamini, A., Vahabzade, H. & Moradkhani, Z. (2010) Mortality Rate of Convict Cichlid *Cichlasoma nigrofasciatum* and Guppy *Poecilia reticulata* Using of 17 Alpha-Methyl Testosterone. *Sanandaj Veterinary Journal* 12, 54-61.
- Raiatpish, M.K., Mojazi Amiri, B., **Mousavi-Sabet, H.**, Moradkhani, Z. & Mohebbi, S. (2010) Effectiveness of a Gonadotropin Hormone (GnRH α) and Carp Pituitary Extract (CPE) on Spawning Success, Fecundity, Fertilization Success and Survival Rate in Goldfish *Carassius auratus*. *Journal of Marine Science and Technology Research*. Accepted.
- Hosseini, M., Azari Takami, Gh., Zamini, A., **Mousavi-Sabet, H.** & Alam, M. (2010) Investigation of “Diatomite” Effects on Growth Performance, Survival and Body Composition in Rainbow Trout (*Oncorhynchus mykiss*). *Journal of Fisheries*. Accepted.
- Ershad, H., **Mousavi-Sabet, H.**, Flahatkar, B. & Moradkhani, Z. (2009) Effect of Diets Containing Artemia Enriched with Unsaturated Fatty Acids and Vitamin C on Brood Stock Angel fish *Pterophyllum scalare* Propagation. *International Aquatic Research* 1, 67-72.
- **Mousavi-Sabet, H.** (2008) Marine Aquarium Setup and History in Iran. *World of Aquatic organisms* 10, 18-22.
- **Mousavi-Sabet, H.** (2007) Hormonal Sex Reversal Methods in Ornamental Fishes. *World of Aquatic organisms* 8, 43-49.

International Oral and Poster Presentations

- **H.Mousavi**, A.Zamini, H.Vahabzade & Z.Moradkhani. Masculinization of GUPPY Using of 17Alpha-Methyl Testosterone. Aquaculture Europe 2008. KRAKOW, POLAND. September 15-18, 2008.
- **H.Mousavi**, A.Zamini, H.Vahabzade & Z.Moradkhani. Masculinization of Convict Cichlid Using of 17Alpha-Methyl Testosterone. Aquaculture Europe 2008. KRAKOW, POLAND. September 15-18, 2008.
- **H.Mousavi**, Z.Moradkhani, A.Khiabani & M.Marjani. Masculinization of MOZAMBIQUE TILAPIA with Immersion in 17Alpha-Methyl Testosterone. Aquaculture Europe 2008. KRAKOW, POLAND. September 15-18, 2008.
- **H.Mousavi**, Z.Moradkhani, A.Khiabani & M.Marjani. Masculinization of MOZAMBIQUE TILAPIA Fry Using of 17Alpha-Methyl Testosterone. Aquaculture Europe 2008. KRAKOW, POLAND. September 15-18, 2008.
- **H.Mousavi**, Z.Moradkhani, A.Khiabani & M.Marjani. Mixed Sexualing of Guppy *Poecilia reticulata* Use of 17alpha-Methyl Testosterone. Aquaculture Europe 2008. Trondheim, Norway. August 14-17, 2009.
- **H.Mousavi**, Z.Moradkhani. Determination on Temperature Effect on Incubations Period in Severum (*Cichlasoma severum*). Aquaculture Europe 2008. Trondheim, Norway. August 14-17, 2009.
- **H.Mousavi**, Z.Moradkhani, A.Matinfar & M.Soltani. Determination on Temperature Effect on Mortality Rate in Severum (*Cichlasoma severum*) Eggs Incubation. Aquaculture Europe 2008. Trondheim, Norway. August 14-17, 2009.
- **H.Mousavi**, Z.Moradkhani, R.Norusta & H.Ghasemnejad. Mortality Rate of Convict Cichlid in Masculinization with 17Alpha-Methyl Testosterone Aquaculture Europe 2008. Trondheim, Norway. August 14-17, 2009.
- Z.Moradkhani, **H.Mousavi**, M.Hosseini, M.K.Raiatpishe & M.Marjani. Sterilizing of Convict Cichlid Use of 17Alpha Methyl Testosterone. Aquaculture Europe 2008. Trondheim, Norway. August 14-17, 2009.
- M.K.Raiatpishe, **H.Mousavi**, S.Mohebbi, & M.Marjani. Effectiveness of the Gonadotropin Hormone and Carp Pituitary Extract (CPE) on Spawning Success, Fecundity, and Fertilization Success in Goldfish (*carassius auratus*). Aquaculture Europe 2008. Trondheim, Norway. August 14-17, 2009.

- Sh.Movaghari, A.Kuchakian, Z.Moradkhani & **H.Mousavi**. Study on Total Count of Micro Organisms of Marinade, Frozen Shrimp and Dried Shrimp (*Parapenaeopsis stylifera*). Aquaculture Europe 2008. Trondheim, Norway. August 14-17, 2009.
- Sh.Movaghari, A.Kuchakian, H.Ershad & **H.Mousavi**. Study on TVN of Marinade, Frozen Shrimp and Dried Shrimp (*Parapenaeopsis stylifera*). Aquaculture Europe 2008. Trondheim, Norway. August 14-17, 2009.
- **H.Mousavi**, Z.Moradkhani, S.Vatandust & H.Ghasemnejad. Mortality Rate of Guppy *Poecilia reticulata* with Use of 17Alpha-Methyl Testosterone. Asian Pacific Aquaculture 2009. Malaysia. November 3-6, 2009.
- **H.Mousavi**, Z.Moradkhani, M.K.Raiatpishhe & Sh.Movaghari. Determination on Temperature Effect on Severum *Cichlasoma severum* deformed larvae produce in Incubation Period. Asian Pacific Aquaculture 2009. Malaysia. November 3-6, 2009.
- **H.Mousavi**, Z.Moradkhani, R.Norusta & F.Hashemi. Mixed Sexual of Convict Cichlid *Cichlasoma nigrofasciatum* with 17Alpha-Methyl Testosterone. Asian Pacific Aquaculture 2009. Malaysia. November 3-6, 2009.
- **H.Mousavi**, Z.Moradkhani, Z.Rashidi & M.Hosseini. Sterilizing of Guppy *Poecilia reticulata* by Using of 17Alpha-Methyl Testosterone. Asian Pacific Aquaculture 2009. Malaysia. November 3-6, 2009.
- R.Norusta, **H.Mousavi**, Z.Moradkhani, H.Homayuni, M.Marjani & A.Khiabani. Study on Clotting Time of *Vimba Vimba persa* in Caspian Sea. Asian Pacific Aquaculture 2009. Malaysia. November 3-6, 2009.
- M.K.Raiatpishhe, S.Mohebbi, Z.Moradkhani & **H.Mousavi**. Study on Ovulation with Injection of GnRH α and CPE on Goldfish *Carassius auratus*. Asian Pacific Aquaculture 2009. Malaysia. November 3-6, 2009.

Attendance in Workshops

- Ornamental Fishes (Preliminary). 2005. Islamic Azad University
- Ornamental Fishes (Complementary). 2006. Islamic Azad University
- Artemia and Rutfier Culture. 2006. Islamic Azad University
- Marine Fishes Health and Diseases. 2008. Khorramshahr University