

CURRICULUM VITAE (synopsis)

NAME: Maria Filomena de Magalhães

PLACE OF BIRTH: Lisbon, Portugal

DATE OF BIRTH: 17th September 1964

NATIONALITY: Portuguese

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INSTITUTIONAL ADDRESS: Departamento de Biologia Animal, Faculdade de Ciências da Universidade de Lisboa, Bloco C2, Campo Grande, 1749-016 Lisboa, Portugal

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MAIN SCIENTIFIC AREAS OF RESEARCH

Aquatic Ecology, Stream Fish, Community Ecology, Population Dynamics, Conservation Biology.

ACADEMIC DEGREES

- PhD, Ecology and Biosystematics, Universidade de Lisboa (Portugal), 2003
- Licenciatura, Biology, Universidade de Lisboa (Portugal), 1990

PRESENT POSITION

- Assistant Professor, Departamento de Biologia Animal, Faculdade de Ciências da Universidade de Lisboa
- Researcher, Centro de Biologia Ambiental, Faculdade de Ciências da Universidade de Lisboa.

MOST RELEVANT SCIENTIFIC PROJECTS

Scientific coordinator

2005 – present. Fish assemblage structure in Mediterranean streams: the role of dry-season refugia (POCTI/BIA-BDE/56272/2004).

2005. Land Plan of the Parque Natural do Tejo Internacional: stream fish. (Research contract with ERENA, Ordenamento e Gestão de Recursos Naturais Lda).

2004. Monitoring of stream fish assemblages in the Ardila River and Murtega, Herdade da Coitadinha (Research contract with ERENA, Ordenamento e Gestão de Recursos Naturais Lda)

Member of the research team

2005-present. The added value of non-matrix habitat fragments to the biodiversity of cork oak landscapes: conservation and management implications (POCTI/BIA-BDE/61122/2004).

2004-2007. Study of stream fish assemblages in the frame of the minimization and compensation measures of the construction of the Odelouca Dam, and Environmental System for the Odelouca Dam (2004/033/INAG).

1998-2000. A conservation strategy for the saramugo *Anaecypris hispanica* (EU LIFE B4-3200/97/280).

1997-1999. Evaluating the conservation status of freshwater fish in the Parque Natural do Sudoeste Alentejano e Costa Vicentina. (Research contract with ICN)

MOST RELEVANT PUBLICATIONS

Pires A.M., **Magalhães M.F.**, Moreira da Costa L., Alves M. J. & Coelho M.M. *in press*. Effects of an extreme flash flood on the native fish assemblages across a Mediterranean catchment. *Fisheries Management and Ecology*.

Magalhães M.F., Beja P., Schlosser I.J. & Collares-Pereira M.J. **2007**. Effects of multi-year droughts on the fish assemblages of seasonally drying Mediterranean streams. *Freshwater Biology*, **52**: 1494-1510.

Ribeiro F., Orjuela, R.L., **Magalhães M.F.** & Collares-Pereira M.J. **2007**. Variability in feeding ecology of a South American cichlid: a reason for successful invasion in mediterranean-type rivers. *Ecology of Freshwater Fish*, **16**: 559-568.

Mesquita N., Coelho M.M. & **Magalhães M.F.** **2006**. Spatial variation in fish assemblages across small Mediterranean drainages: effects of habitat and landscape context. *Environmental Biology of Fishes*, **77**: 105-120.

Rogado L., Alexadrino P, Almeida P.R., Alves J., Bochechas, Cortes R., Domingos L, Filipe F., Madeira J. & **Magalhães M.F.** **2005**. Peixes. pp: 63-114 In *Livro Vermelho dos Vertebrados de Portugal*. Eds. Cabral M.J., Almeida J, Almeida P.R., Dellinger T., Ferrand-Almeida N., Oliveira M.E., Palmeirim J.M., Queiros

A.I., Rogado L. & Santos Reis M. Instituto da Conservação da Natureza. Lisboa.

Magalhães M.F., Schlosser I.J. & Collares-Pereira M.J. **2003**. The role of life-history in the relationship between population dynamics and environmental variability in two Mediterranean stream fishes. *Journal of Fish Biology*, 62: 300-317.

Magalhães M.F., Batalha D.C. & Collares-Pereira M.J. **2002**. Gradients in stream fish assemblages across a Mediterranean landscape: contributions of environmental factors and spatial structure. *Freshwater Biology*, 47: 1015-1031.

Magalhães M.F., Beja P., Canas C. & Collares-Pereira M.J. **2002**. Functional heterogeneity of dry-season fish refugia across a Mediterranean catchment: the role of habitat and predation. *Freshwater Biology*, 47: 1919-1934.

Collares-Pereira M.J., **Magalhães M.F.**, Geraldés A.M. & Coelho M.M. **1995**. Riparian ecotones and spatial variation of fish assemblages in Portuguese lowland streams. *Hydrobiologia*, 303: 93-101.

Magalhães M.F. **1993**. Feeding of an Iberian stream cyprinid assemblage: seasonality of resource use in a highly variable environment. *Oecologia*, 96: 253-260.

Magalhães M.F. **1993**. Effects of season and body-size in the distribution and diet of the Iberian chub *Leuciscus pyrenaicus* (Gunther) in a lowland catchment. *Journal of Fish Biology*, 42: 875-888.

Magalhães M.F. **1992**. Feeding ecology of the Iberian cyprinid *Barbus bocagei* Steindachner, 1865 in a lowland river. *Journal of Fish Biology*, 40: 123-134.

SUPERVISION OF POST-GRADUATE STUDENTS

- D.F. PIRES. PhD project: Fish assemblage structure in Mediterranean streams: a multi-scale approach to the effects of environmental heterogeneity (other adviser: P. Peres Neto, Univ. Québec à Montréal).

- J. M. S. Martelo. PhD project: Patch use behavior, foraging mode and bioenergetic trade-offs of fish in seasonally drying Mediterranean streams (other adviser: G. Grossman, Univ. Georgia).

- J. Capela. MsC project: Ecological assessment of Spanish Dams under the Water Framework Directive (other adviser: M.A. García-Amilibia, United Research Services España)
- L.M. Fernandes. MsC project: Guidelines for the conservation of *Chondrostoma almacai* in the Odelouca stream.

COLLABORATIONS

CIBIO (Portugal, Pedro R. Beja)

University of North Dakota (USA, Isaac Schlosser)

University of Georgia (USA, Gary Grossman)

Université du Québec à Montréal (Canada, Pedro Peres-Neto)