

# CURRICULUM VITAE

MARINA PIRIA

## 1. PERSONAL INFORMATION

- **Surname / First name** Piria Marina
- **Home address:** Sermageova 17, 10 000 Zagreb, Croatia
- **Telephones:** + 385 1 2393 874, + 385 98 790 030
- **e-mail:** [mpiria@agr.hr](mailto:mpiria@agr.hr)
- **Date of birth:** 22<sup>nd</sup> September 1972
- **Nationality:** Croatian
- **Marital status:** Married
- **Children:** 1 boy (3 years old)
- **Title:** DSc of Biotechnical science
- **Identification number from Records of Scientific Workers:** 257 766

## 2. EDUCATION

- 1988 - 1991 Economic secondary school
- 1991 - 1997 Faculty of Agriculture, Biotechnical science, Pomology, Viticulture and Enology
- 1999 - 2003 Faculty of Agriculture, MSc degree, Biotechnical science, Fisheries
- 2003 - 2007 Faculty of Agriculture, DSc degree, Biotechnical science, Fisheries

## 3. WORK EXPERIENCE

- 1998 – 2003 Young assistant, Faculty of Agriculture, Department of fisheries beekeeping and spec. zoology, University of Zagreb
- 2003 – 2007 Assistant, Faculty of Agriculture, Department of fisheries beekeeping and spec. zoology University of Zagreb
- 2008 – present Assistant professor Faculty of Agriculture, Department of fisheries beekeeping and spec. zoology University of Zagreb

## 4. PROFESSIONAL EXPERIENCE

### A) PROJECTS

#### **Ongoing projects**

- Geometric morphometrics to identify fish populations 2012-2013, project leader
- Comparison of organic fish production in China and Croatia, 2012-2013, project leader
- Biological aspects of freshwater fisheries and game management, 2007 – 2012, researcher
- Monitoring of the Sava river in 2011, Croatia, researcher
- Comparative Studies on Morphological and Genetic Diversity of Common Carp (*Cyprinus carpio*) in China and Croatia, 2010 – 2012, researcher

#### **Completed projects**

Genetic, nutrition and ecology in freshwater fisheries, Croatia, 1999 - 2006

Comparison of genetic variability of Hungarian and Croatian common carp strains bred in fish farms and kept in live gene banks, 2005-2010

The comparative study of common carp (*Cyprinus carpio*) from Croatia and China based on morphological and genetic analysis, 2006 - 2010

Management of freshwater fisheries on bordering rivers, 2004-2005.

The biodiversity of Euroasian freshwater fish species, 2003.

Protection of soft-muzzled trout (*Salmothymus obtusirostris salonitana*) in Dalmatian rivers, 2001 – 2003.

Monitoring of the Sava river (Sava 1 and 2), Jadro and Žrnovnica river in 2003 – 2004

Monitoring of the Ljuta, Jadro, Žrnovnica and Rječina river and Lateralni and Glavni channel near Biograd town in 2005

Monitoring of the Sava river (Sava 1 and 2), Jadro and Žrnovnica river in 2006 – 2007.

Monitoring of the Drava and Dunav river in 2008 - 2009.

Monitoring of the Sava river in 2010.

## **B) TEACHING TOPICS**

### **Undergraduate studies:**

Agricultural Zoology - assistant

Hydroecology – assistant

Fisheries – assistant

Biodiversity in freshwaters and Adriatic Sea - assistant

### **Postgraduate studies**

Hydrobiology and water protection in fisheries - coordinator

### **Mentorship**

- seven diploma thesis (2005, 2009, 2010, 2011)

- one doctoral thesis (2011)

- two student rector prizes (2007 and 2010)

- three student dean prizes (2003, 2004, 2010)

### **Graduate studies**

Limnology and oceanology – coordinator

Hunting - coordinator

Ichthyology – assistant

Aquaculture – assistant

Invertebrates cultivation – assistant

## 5. LANGUAGE SKILLS

Mother tongue: Croatian

Other language: active English, passive Spanish

## 6. TRAINING

2007, Ceske Budejovice, Multivariate analysis of ecological data

2005, Institute «Ruđer Bošković» Rovinj, Croatia, School of conservation biology

2005, University of Natural Resources and Applied Life Sciences, Austria, Wien, Fish ecology in Danube river

2004, University of Natural Resources and Applied Life Sciences, Austria, Lunz am See, Applied Fish Ecology in Running Waters

2004, University of Natural Resources and Applied Life Sciences, Austria, Lunz am See, Exercises in General Hydrobiology (Fieldwork)

2004, Research Institute of Fish Culture and Hydrobiology in Vodňany, České Budejovice, Czech Republic, Hydrobiology - UNESCO course

2003, Academy of science, Brno, Czech Republic, Ecology of freshwater fish species

2002, University of Agricultural sciences and Veterinary medicine, Romania, Cluj Napoca, Student exchange CEEPUS program

2001, Mediterranean Agronomic institute of Zaragoza, Zaragoza, Spain, Management and use of fish resources in inland water bodies of mediterranean countries

2001, The National Prawn fry Production and Research center, Penang, Malaysia, Introductory course on Brackishwater Aquaculture

2001, UNESCO, Poland, Ecohydrology Across the Scales

2000, Fish culture Research Institute, Hungary, Szarvas, Fieldwork – samplings methods (carp ponds)

## 7. MEMBERSHIP OF PROFESSIONAL BODIES

Croatian ichthyological association, President of editorial board and webmaster of scientific journal

Ribarstvo (Croatian Journal of Fisheries)

<http://hrcak.srce.hr/index.php?lang=en>

<http://ribarstvo.agr.hr>

## 8. OTHER PROFESSIONAL SKILLS AND COMPETENCIES:

Microsoft office, Microsoft front page, SPSS 11, Adobe Photoshop, Canoco

## 8. OTHER SKILLS AND COMPETENCIES

CMAS Diver certificate, Driving licence, Ultimate Frisbee, Badminton

## 8. RELEVANT PUBLICATIONS

Treer, T., Varga, B., Safner, R., Aničić, I., **Piria, M.**, Odak, T. (2003): Growth of common carp introduced into the Vransko Lake. *Journal of Applied Ichthyology*, 19 (3): 383-386.

Treer, T., Aničić, I., Safner, R., Odak, T., **Piria, M.** (2003): Note on growth of endemic soft-muzzled trout *Salmothymus obtusirostris* translocated into a Dalmatian river. *Biologia, Bratislava, Section Zoology*, 58 (5): 999-1001.

Treer, T., Opačak, A., Aničić, I., Safner, R., **Piria, M.**, Odak, T. (2003): Growth of bream, *Abramis brama*, in the Croatian section of the Danube. *Czech J. Anim. Sci.* 48 (6): 251-256.

**Piria, M.** (2003): The natural diet of five cyprinid fish species from Sava river. Master thesis. Faculty of agriculture, Zagreb, Croatia. (in Croatian)

- Piria, M.**, Treer, T., Aničić, I., Safner, R., Odak, T. (2004): The review on the natural diet of five cyprinid fish species. XXXIX Croatian Symposium on Agriculture with international Participation. Opatija, Croatia, February 17-20, 2004.
- Odak, T., Yuhua, S., Siyang, L., Ching-Yiang, W., Treer, T., Aničić, I., Safner, R., **Piria, M.** (2004): Genetic divergence between Asian (*Cyprinus carpio haematopterus*) and European subspecies of carp (*C. carpio carpio*). XXXIX Croatian Symposium on Agriculture with international Participation. Opatija, Croatia, February 17-20, 2004.
- Piria, M.**, Rathman, M., Mladenović, M. (2004): Macroinvertebrates composition in the Bliznec stream, second and third Maksimir lake. *Ribarstvo*, 62 (2): 59-69. (in Croatian)
- Treer T., Aničić I., Safner R., Odak T., **Piria M.** (2004): Growth and condition of endemic trout *Salmothymus obtusirostris* in a Dalmatian river Jadro. Fourth World Fisheries Congress, Vancouver, Canada, 2.-4. 5. 2004, pp 285
- Treer T., Safner R., Aničić I., **Piria M.**, Odak T. (2004): Ichthyofaunal changes in the barbel zone of the Sava river in Croatia. Abstract Volume, XI European Congress of Ichthyology, Tallinn, Estonia, 6-10. 9. 2004, p. 157
- Piria M.**, Odak T., Treer T., Aničić I., Safner R. (2004): Ishrana klena i mreke u rijeci Savi. (Nutrition of chub and barbel in the Sava river.) II simpozij poljoprivrede, veterinarstva, šumarstva i biotehnologije: «Strategija razvoja domaće proizvodnje», Bihać, BiH, 28.-30.9.2004., p 88
- Piria, M.**, Odak, T., Treer, T., Aničić, I., Safner, R. (2005): Diet of the chub and barbel in the Sava river. Works of the Faculty of Agriculture, University of Sarajevo, 56: 119-127. (in Croatian)
- Šprem, N., Tomljanović, T., **Piria, M.**, Treer, T., Safner, R., Aničić, I. (2005): The growth of grayling (*Thymallus thymallus* L.) in the Kupa river. *Ribarstvo*, 63 (2): 39-46. (in Croatian)
- Treer, T., Aničić, I., Safner, R., Odak, T., **Piria, M.** (2005): Post-spawning condition of endemic soft-muzzled trout *Salmothymus obtusirostris* in the Žrnovnica river. *Ribarstvo*, 63 (3): 85-90.
- Piria, M.**, Treer, T., Aničić, I., Safner, R., Odak, T. (2005): The Natural Diet of Five Cyprinid Fish Species. *Agriculturae Conspectus Scientificus*, 70 (1): 21-28.
- Šprem, N., Tomljanović, T., **Piria, M.**, Treer, T., Safner, R., Aničić, I. (2005): Condition and CPUE of European Grayling (*Thymallus thymallus* L.) population in the Croatian Kupa River. *Journal of Central European Agriculture*, 6 (4): 575-582.
- Piria, M.**, Treer, T., Tomljanović, T., Aničić, I., Safner, R., Šprem, N., Matulić, D. (2006): Natural diet of bleak (*Alburnus alburnus*) from the Sava river. 41<sup>st</sup> Croatian and 1<sup>st</sup> International symposium on Agriculture, Opatija, Croatia, 13<sup>th</sup> – 17<sup>th</sup> February, 531-532.
- Treer, T., **Piria, M.**, Aničić, I., Safner, R., Tomljanović, T. (2006): Diet and growth of spiralin, *Alburnoides bipunctatus* in the barbel zone of the Sava River. *Folia Zool.* 55(1): 97–106.
- Piria, M.**, Treer T., Tomljanović T., Aničić I., Safner R. (2006): Natural diet of stream barbel *Barbus meridionalis petenyi* (Heckel, 1847) from the Sava river. 13th International conference Krmiva, June 5 – 8, Opatija.
- Piria, M.**, Matulić, D., Treer, T., Aničić, I., Safner, R., Šprem, N., Tomljanović, T. (2006): Condition, length-weight relationship and morphological differences between *Cobitis elongata* and *Cobitis elongatoides* from the Sava river. Book of Abstracts, 3rd International Conference «Loaches of the Genus Cobitis and Related Genera», Šibenik, 24-29.9.2006., p. 40
- Piria, M.**, Tomljanović, T., Aničić, I., Piria, V., Livada O. (2007): Grey triggerfish (*Balistes caprisus*, Gmelin, 1789.) from the Adriatic sea. 42. Croatian and 2. International symposium on Agriculture, Opatija, Croatia 13-16. February, 178-179.
- Piria, M.**, Treer, T., Aničić, I., Tomljanović, T., Safner, R. (2007): Natural diet of barbel *Barbus peloponnesius* (Valenciennes, 1842) from the Sava river. *Ribarstvo*, 65 (1): 1-14.
- Piria, M. (2007): Ecological and biological diet features of cyprinid fish from the Sava river. Doctoral thesis, faculty of Agriculture, Zagreb, p. 250.
- Prpa, Z., Treer, T., **Piria, M.**, Šprem, N. (2007): The condition of fish from some freshwaters of Croatia. *Ribarstvo*, 65 (1): 25-46.

- Treer, T., Piria, M., Aničić, I., Safner, R., Šprem, N., Tomljanović, T. (2007): Recent trends of CPUE in the barbel zone of the Sava river, Croatia. XII European congress of Ichthyology, 9-13 September, Dubrovnik, Book of abstracts, p. 174-175.
- Piria, M., Šprem, N., Treer, T., Tomljanović, T., Aničić, I., (2008): Softmouth Trout (*Salmothymus obtusirostris krkensis*) from the Krka river. 43. Croatian and 3. International symposium on Agriculture, Book of abstracts, Opatija, Croatia, February, 199-200.
- Treer, T., Anicic I., Safner R., Odak T., Piria M. (2008). Growth and condition of endemic trout *Salmothymus obtusirostris* in Jadro, a Dalmatian river. Pages 1771-1776 in J. L. Nielsen, J. J. Dodson, K. Friedland, T. R. Hamon, J. Musick, and E. Verspoor, editors. Reconciling fisheries with conservation: proceedings of the Fourth World Fisheries Congress. American Fisheries Society, Symposium 49, Bethesda, Maryland
- Treer, T.; Šprem, N.; Torcu-Koc, H.; Sun, Y.; Piria, M., 2008: Length-weight relationships of freshwater fishes of Croatia. Journal of Applied Ichthyology, 24, 626-628.
- Mičetić, V., Bučar, M., Ivković, M., Piria, M., Krulik, I., Mihoci, I., Delić, A., Kučinić, M. (2008): Feeding ecology of *Sabanejewia balcanica* and *Cobitis elongata* in Croatia. Folia Zoologica, 57 (1-2): 181-190.
- Bećiraj, A., Ivanc, A., Piria, M., Dekić, R. (2008): Food composition of grayling *Thymallus thymallus* L., from the river Krušnica. Ribarstvo, 66(3): 105-118.
- Treer, T., M. Piria and N. Šprem (2009): The relationship between fish condition and form factors of freshwater fishes of Croatia. Journal of Applied Ichthyology, 25, 608-610.
- Treer, T., Matulić, D., Bogdanović, G., Aničić, I., safner, R., Piria, M., Šprem, N., Tomljanović, T. (2009): Fishing allochthonous ichthyofauna in the Mediterranean Vransko lake, Croatia. 13<sup>th</sup> European congress of Ichthyology, Klaipeda 6<sup>th</sup> -12<sup>th</sup> September, Lithuania, p. 76.
- Piria, M., Matulić, D., Šprem, N., Reljanović M., Novosel H., Buničić S., Kranjec I., Drašković A., Duduković D., Medvidović I., Režić J. (2009): Ichthyofauna of the lower part of Bliznec stream. Ribarstvo, 67 (4): 145-152.
- Ivanković, P., Treer, T., Piria, M., Knezović, Z., (2010): Diet and growth of the endemic Neretva chub, *Squalius squalize* from the Neretva river area, Bosnia and Herzegovina. Folia zoologica, 59 (1): 51-56.
- Matulić, D., Šprem, N., Piria, M., Tomljanović, T., Treer, T., Safner, R., Aničić, I. (2010): Analysis of Recreational Fisheries in the Croatian Areas of the Sava and Danube Rivers. ACS, 75 (4): 183-190
- Treer T. Matulic D. Bogdanovic G. Anicic I. Safner R. Piria M. Sprem N. Tomljanovic T. (2011): The condition of allochthonous fishes in the Mediterranean Vransko Lake. Journal of Applied Ichthyology. 27(3):965-967.
- Ivanković, P., Piria, M., Treer, T., Knezović, Z. (2011): Meristic and morphometric characteristic of endemis Neretva chub, *Squalius squalize* from Neretva River area, Bosnia and Herzegovina. Journal of Applied Ichthyology, 1-2, doi: 10.1111/j.1439-0426.2011.01741.x
- Piria, M., Treer, T., Tomljanović, T., Šprem, N., Matulić, D., Aničić, I., Safner, R. (2011): First record of monkey goby, *Neogobius fluviatilis* (Pallas, 1814) in the barbel zone of the Sava River, Croatia. Journal of Applied Ichthyology, DOI: 10.1111/j.1439-0426.2011.01800.x
- Šprem, N., Treer T., Matulić D., Piria M., Tomljanović T., Aničić I., Safner R., Novosel H. (2011): Monitoring of freshwater fish stock in Croatia by anglers data. Book of Abstracts, 6<sup>th</sup> World recreational Fishing Conference, 01-04 August 2011.
- Marina Piria, Nikica Šprem, Ivan Jakovlić, Tea Tomljanović, Daniel Matulić, Tomislav Treer, Ivica Aničić, Roman Safner (2011): First record of round goby, *Neogobius melanostomus* (Pallas, 1814) in the Sava River, Croatia. Aquatic invasion, 6 (Supplement 1): S153–S157.