

In this issue

Research Article

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## [In Vitro Effect of Zinc: Evaluation of the Sperm Quality of Endangered Trout \*Salmo Coruhensis\* and Rainbow Trout \*Oncorhynchus Mykiss\* and Fertilizing Capacity](#)

Published On: June 30, 2017 | Pages: 046 - 050

Author(s): Mehmet Kocaba and Filiz Kutluyer\*

This study was intended to reveal the usefulness of Zinc in endangered trout *Salmo coruhensis* and rainbow trout *Oncorhynchus mykiss* sperm. Spermatozoa were activated in sperm motility-activation solutions (NaCl, 0.3%; NaHCO<sub>3</sub>, 1%) containing the Zinc [Control (0), 0.5, 1, 2, 3, 4 and 5 mM]. ...

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## [Dose Dependent Treatment with Boric Acid Induces More Changes in the Sperm Cells of Endangered Anatolian Trout \*Salmo Rizeensis\*](#)

Published On: June 29, 2017 | Pages: 042 - 045

Author(s): Filiz Kutluyer\* and Mehmet Kocaba

The aim of this study was to test the usefulness of boric acid for endangered Anatolian trout *Salmo rizeensis* sperm. Activation media was supplemented with boric acid (0.5, 1, 2, 3, 4 and 5 mM). Sperm motility and duration were determined in sperm samples. ...

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## [Comparison of the Crossbreeding Effects of Three Mandarin Fish Populations and Analyses of the Microsatellite Loci Associated with the Growth Traits of F1 Progenies](#)

Published On: June 24, 2017 | Pages: 035 - 041

Author(s): Qingkai Zeng, Chengfei Sun, Junjian Dong, Yuanyuan Tian and Xing Ye\*

Cross breeding with different populations might lead to heterosis and enhance the genetic diversity of the resulting offspring. In this study, three populations of mandarin fish (*Siniperca chuatsi*), including two cultured (A and B) and one wild population (C), were used to construct three pure groups (A×A, B×B, C×C) and six crossbred groups (A×B, A×C, B

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## [Miscellaneous Marine Fishes Caught under PFZ and Non-PFZ Realm off Ratnagiri Coast, Maharashtra State, India](#)

Published On: May 16, 2017 | Pages: 030 - 034

Author(s): Tingote RS and Mane UH\*

Potential Fishing Zones connote where Chlorophyll Concentration and Sea Surface Temperature together constitute better environment for the healthy growth of fish and food abundance. ...

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### Review Article

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## [Exposure of Fishery Resources to Environmental and Socioeconomic Threats within the Pantanal Wetland of South America](#)

Published On: May 04, 2017 | Pages: 022 - 029

Author(s): Cleber JR Alho\* and Roberto E Reis

The huge Pantanal wetland, located in the central region of South America, mainly in Brazil, formed by the Upper Paraguay River Basin, comprising 150,355 km<sup>2</sup> (approximately 140,000 km<sup>2</sup> in Brazil), is facing environmental and

socioeconomic threats that are affecting fish populations and fishery resources. ...

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[DOI: 10.17352/2455-8400.000024](#)