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Research Article

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Sustainable freshwater aquaculture in the EU and in Hungary

Published On: September 26, 2018 | Pages: 039 - 044

Author(s): György Páczay*

There is a huge potential in freshwater aquaculture in the EU and in other countries in the World. As for the World food demand fish had the second highest consumption levels, at 27.9 percent in 2014. There will be a sharp increase in demand for fish and aquaculture products as the UN FAO projects around 9 billion people living our planet by 2050. The economy has already ...

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Suspended Arrays Improve Rainbow Trout Growth during Hatchery Rearing in Circular Tanks

Published On: August 28, 2018 | Pages: 027 - 030

Author(s): Eric Krebs, Nathan Huysman, Jill M Voorhees and Michael E Barnes*

Environmental enrichment can be an effective tool to improve rearing efficiencies during hatchery production. This study evaluated the effectiveness of two different vertically-suspended arrays in circular tanks on the growth of juvenile rainbow trout *Oncorhynchus mykiss*. Treatments consisted of an array of suspended aluminum rods, an array of suspended aluminum angle ...

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Colonization patterns of benthic macroinvertebrates in fertilized and non-fertilized earthen fish ponds

Published On: August 24, 2018 | Pages: 022 - 026

Author(s): Patrick O Orwa*, Reuben Omondi and Emily J Chemoiwa

Study conducted in Kwanza, Trans-Nzoia County to determine the colonization pattern of benthic macroinvertebrates in earthen fish ponds. This was done to ascertain the right stocking time of ponds when the natural fish food is in plenty. Two ponds were used for this study; one was treated with organic manure while the other was not fertilized. Sampling for physico-chemical ...

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Toxicity of Cadmium and their effect on some Haematological parameters of common carp (Cyprinus Carpio) exposed to crude leaf extract of Abutilon Indicum

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Author(s): S Rajeshwari* and SP Sevarkodiyone

The present work aimed to estimate the toxicity of cadmium and their common carp *Cyprinus carpio* fish, as well as the effect of different concentrations of Cadmium and some haematological parameters. such as, the red blood cells (RBC), white blood cells (WBC) and haemoglobin (Hb) Survival mortality was observed in the blood of Common carp *Cyprinus carpio* treated with ...

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Review Article

African Diplostomum (sensu Dubois 1961): Minireview on taxonomy and biology

Published On: September 25, 2018 | Pages: 031 - 038

Author(s): Fred D Chibwana*

Freshwater fisheries has a significant contribution to development as an important source of human proteins as well as in sport fishing and aquarium. Despite their importance, both wild and aquaculture fish suffer from a problem of parasitism, notably Diplostomum species, causing fish mortalities particularly in fingerlings. Although a considerable effort in understand ...

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