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Research Article

Open Access Research Article PTZAID:IJAFS-2-119

Preliminary Assessment of Growth Performance and Nutrient utilization of Clarias gariepinus (Burchell, 1822) Fingerlings fed Cirina forda (Westwood, 1849) as Protein Source

Published On: December 23, 2016 | Pages: 039 - 042

Author(s): Oso JA* and Ola-Oladimeji FA

The potentials of Cirina forda as a replacement for fishmeal in the diets of Clarias gariepinus fingerlings were evaluated in 56 days. Five diets namely diets A (100% fishmeal and 0% Cirina forda), B (75% fishmeal and 25% Cirina forda), C (50% fishmeal and 50% Cirina forda), D (25% fishmeal and 75% Cirina forda), and E (0% fishmeal and 100% Cirina forda) were compound ...

Abstract View Full Article View DOI: 10.17352/2455-8400.000019

Open Access Research Article PTZAID:IJAFS-2-117

Common Garden Experiments Confirm the Impact of Salinity on Reproductive Traits that is Observed in Wild Populations of the Back-Chinned Tilapia Sarotherodon melanotheron

Published On: September 20, 2016 | Pages: 031 - 037

Author(s): Moussa Guèye*, Justin Kantoussan and Mbaye Tine

The black-chinned tilapia Sarotherodon melanotheron is a very hardy species, particularly notable for its ability to tolerate a wide range of environmental salinities. The impact of environmental salinity on reproductive traits has been well documented in this species under natural conditions, but few studies have been experimentally conducted to prove such a relation ...

Abstract View Full Article View DOI: 10.17352/2455-8400.000017

Open Access Research Article PTZAID:IJAFS-2-116

Effect of Melia Azedarach Extract on Some Selected Physiological Parameters of (Catla catla)

Published On: July 21, 2016 | Pages: 027 - 030

Author(s): S Rajeshwari*, MK Rajan, M Pavaraj and SP Sevarkodiyone

The present study has been carried out the effect of leaf extract of Melia azedarach at different concentration, such as 1.0g, 1.5g and 2.0g formulated diet against 0.1 ml of CFU/ ml 105 cells Aeromonas hydrophila on catla catla. The physiological parameters, such as Survival and Mortality, Antibody response, Phagocytic activity, Oxygen consumption, opercular movement ...

Abstract View | Full Article View | DOI: 10.17352/2455-8400.000016

Open Access Research Article PTZAID:IJAFS-2-115

Problems and Countermeasures on the Fishery Development in the South China Sea*

Published On: June 07, 2016 | Pages: 023 - 026

Author(s): Hu Zhang*

The South China Sea is one of the most abundant fishery areas in the world, which is a typical multi fish species area. The South China Sea Fisheries can be divided into four parts, the northern continental shelf offshore fisheries, Xisha Qundao, Zhongsha Qundao and Nansha Qundao coral reef fisheries, the northern slope fisheries and Southern Ocean, rising flow fisher ...

Abstract View | Full Article View | DOI: 10.17352/2455-8400.000015

Open Access Research Article PTZAID:IJAFS-2-114

A Study and Availability Assessment of Freshwater Crabs in the Hill Streams of Bangladesh

Published On: May 27, 2016 | Pages: 018 - 022

Author(s): Rajib Hasan* and Harun Or Rashid

A study of crabs was conducted at eight hill streams, located in three different districts of Bangladesh, during January to December, 2012 with a view to assess the availability and to study the taxonomy of freshwater crabs. The study investigated species diversity which includes their taxonomic description, biometric data, habitat, ecological note, distribution, and ...

Abstract View Full Article View DOI: 10.17352/2455-8400.000014

Open Access Research Article PTZAID:IJAFS-2-112

Physical, Chemical, Biological properties and fish species type of Geray reservoir, -W/Gojjam Zone, Ethiopia

Published On: April 16, 2016 | Pages: 008 - 011

Author(s): Brehan Mohammed*, Dereje Tewabe, Wonde Zelalem and Adane Melaku

The aim of the present study was to determine the physical, chemical and biological characteristics and to characterize the fishery of Geray reservoir. Three sites from the inlet site, the open water and the outlet has been selected and samples were collected using YSI 556MPS model multimeter and Palin test photometer 5000 .Temperature, pH, dissolved oxygen, salinity, ...

Abstract View Full Article View DOI: 10.17352/2455-8400.000012

Open Access Research Article PTZAID:IJAFS-2-111

Preliminary Data on Biology of Stomathorinus Cf Polli Matthes, 1964 of Masendula Stream (Kisangani, RD Congo)

Published On: March 10, 2016 | Pages: 001 - 007

Author(s): Alidor Busanga Kankonda*, Isaac Ekyamba Shabani, Jacob Nsila Ndjaki, Consolate Kaswera, Ernest Lukosha Tambwe and Alain Bolonga Bolonga

Background and aim: Stomatorhinus cf polli, one of species of Mormyridae whose flesh is highly appreciated by local communities. Unfortunately, there is very little information about biology and ecology of Stomatorhinus cf polli. This study aimed to determine the ecology and biology of Stomathorinus cf polli. ...

Abstract View Full Article View DOI: 10.17352/2455-8400.000011

Review Article

Open Access Review Article PTZAID:IJAFS-2-113

Climate Smart Aquaculture: A Sustainable Approach to Increasing Fish Production in the Face of Climate Change in Nigeria

Published On: May 10, 2016 | Pages: 012 - 017

Author(s): Onada Olawale Ahmed* and Ogunola Oluniyi Solomon

As the global population increases, demand for food, most especially protein will increase. Production from fisheries is crucial for food security in the face of current population increase. Despite the reliability on fisheries and aquaculture to supply the animal protein needed by the world population, climate change has significantly reduced production and increase ...

Abstract View Full Article View DOI: 10.17352/2455-8400.000013

Editorial

Open Access Editorial PTZAID:IJAFS-2-118

Science Knows the Answers for Fishing but Politicians Are Acting the Wrong Way

Published On: November 12, 2016 | Pages: 038 - 038

Author(s): João P Barreiros*

Marine Protected Areas (MPA's) in the World are small and, more often than not, badly managed. In fact, the total area of MPA's is not bigger than that of South Africa. However, if we remove MPA's where some kind of traditional fishing is allowed that total is about the size of Holland – which means next to zero [1]. ...

Abstract View Full Article View DOI: 10.17352/2455-8400.000018