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 ...

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 ...
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 Sevarkodiyoune

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 ...

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 ...

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 ...
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

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