

Current Awareness Service

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Vol. 6 No. 5&6

May-June 2016



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Central Marine Fisheries Research Institute
P.B.No.1603, Cochin - 682 018, Kerala

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YALE UNIVERSITY

Volume 57, Issue 1 • 13 April 2016

ISSN 0079-032X

www.peabody.yale.edu

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U.S. Department
of Commerce
Seattle, Washington

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Fishing Chimes is registered as a Journal in India (No. 37750/81). **Founder:** J.V.H. Dixitulu (Late) **Chief Editor:** V.V. Sugunan, **Managing Editor:** Eashwar Dev Anand, **Associate Editor:** K. Vijayakumaran; **Advisory Board:** Michael New, M.V. Gupta, Mohan Joseph Modayil, S.D. Tripathi, Mohankumaran Nair, I. Karunasagar; **Resident Editors:** Orissa: H.S. Badapanda, Tamil Nadu: D.B. James, Kerala: D.D. Nambudiri; **Representatives:** Gujarat: Anuj Kumar Tiwari, Karnataka: H.N. Chandrasekhariah, Jharkhand: Ashish Kumar, Kerala: K. Sreekumar, Basheer Ahamed, Washington D.C: Santhi Jammi. **Printed by:** G. Ramakrishna, Raamakrishna Printers Pvt Ltd, 49 - 24-5, Sankaramattam Road, Madhuranagar, Visakhapatnam - 16, Ph: 2740222, 2798072. **Contact Information- Address:** Fishing Chimes, Chimes House, Sector - 12, Plot - 176, M.V.P. Colony, Visakhapatnam - 530017, Andhra Pradesh, India; **Phone:** +91-891-2784271, 2784542; **Email:** info@fishingchimes.com; **Subscription Information:** Annual Subscription Charges: Rs. 1125/- for delivery by Ordinary Book-Post, Rs. 1550/- by Registered Book Post and Rs. 1675/- for delivery via Courier. Overseas Subscription charges are USD 80 per year. **Email ids:** To subscribe : subscriptions@fishingchimes.com; **Advertising Information:** For information on advertising in Fishing Chimes or its regional editions, Chepala Sandadi (Telugu), Matsyo Sangbad (Bengali) email us at : advertiser.support@fishingchimes.com;

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About the front cover

Limited land fish resources and reduced water availability are forcing farmers to innovate and accommodate aquatic animals in smaller enclosures. A farmer in lucknow has managed to obtain high production levels from half an acre of land by constructing cemented tanks. While the technology is not new, it is notable that farmers are thinking out of the box to cater to the local demand in their area. An interview with the farmer is published on page 42.

ICES Journal of Marine Science

Journal du Conseil

Volume 73 Number 1 January 2016

<http://icesjms.oxfordjournals.org/>

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Published by Oxford University Press for
International Council for the Exploration of the Sea
Conseil International pour l'Exploration de la Mer
H. C. Andersens Boulevard 44-46, DK-1553 Copenhagen V, Denmark

Ichthyological Research

Volume 63, Number 2, April 25, 2016

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The 2015 global canned tuna market: a review

Lower canned tuna prices in 2015 helped packers to increase sales to many emerging markets, but for most of them it was not enough to compensate for falling export revenue associated with these cheaper prices. Hence though quantitative exports from Thailand, Philippines, Vietnam, and China had one digit declines, their export revenues dropped by approximately two digits.



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Pole and line fishing and live baiting in Brazil

A skipjack pole and line Fisheries Improvement Project is underway in Brazil, with encouraging results. Having identified the major challenges, the Working Group reports the successful use of anchovy as baitfish, reduced diesel consumption, and greater ability to more accurately locate optimum fishing areas.



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What future for longtail, the Cinderella of tunas?

Compared to skipjack, albacore and other pelagic tunas, longtail tuna is rarely discussed at length during global tuna meets. The species is nevertheless widely acknowledged to be of significant, though understated value, and the fact that some stocks are being overfished, and others unknown, should be a cause of concern for the industry.



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Current shrimp diseases in Southeast Asia

In the past 10 years, losses due to widespread diseases on shrimp farms in Southeast Asia have well exceeded a billion US dollars in export income. The author opines that disease is natural, and at any given time in shrimp culture, there are several microorganisms present which are opportunistic. This article is a useful summary of the diseases currently prevalent in the region.



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Quarantine - the war against disease

An authority on ornamental fish farming, the author warns that disease is very difficult to eradicate once it has established itself. Farmers can help themselves greatly by strictly adhering to quarantine procedures and timeframes.

Cover photo : Fisheries Development Authority of Malaysia/ Lembaga Kemajuan Ikan .
Malaysia (LKIM)

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Cover: Insects achieve sexual differentiation by executing a wide variety of molecular pathways, which converge to a common regulatory gene the *doublesex* (*dsx*) across the class Insecta. The autoregulatory loop of the key gene is a common theme in these pathways. The cover image shows the conspicuous sexual dimorphism between male (left) and female (right) Indian golden silkworm, *Antheraea assama*. (See article by Sawanth SK *et al.*, pp 283–294.) Photo credit: Dr Jayendra Nath Shukla.

Edited and Published by TN Guru Row for the Indian Academy of Sciences, Bengaluru 560 080. Printed at Tholasi Prints India, Bengaluru.

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