



मीना समाचार MEENA News

भारतीय मात्स्यिकी सर्वेक्षण का प्रकाशन A PUBLICATION OF FISHERY SURVEY OF INDIA

Vol. XXXI

No. 1

Mumbai

April - December : 2015

FROM THE RESEARCH FRONT

Metazoan parasites of *Alepisaurus ferox* and *Xiphias gladius* of the eastern Arabian Sea

The documentation of fish parasites is important in describing the biodiversity of a given water body. Scientists of Cochin Base of FSI have studied the metazoan parasites of long snouted Lancetfish (*Alepisaurus ferox*) and Swordfish (*Xiphias gladius*) of the eastern Arabian Sea for the first time. Three Cestodes (*Pelichnibothrium speciosum*, *Tentacularia coryphaenae* and *Hepatoxylon trichiuri*) and one Trematode (*Botulus microporus*) were collected from the lancetfish. Parasite prevalence was 98.04 % and the average intensity was 9.58. In the swordfish, all the samples were infected, and the average parasite intensity was 51.4. Five Cestodes (*Hepatoxylon trichiuri*, *Fistulicola plicatus*, *Nybelinia bisulcata*, *Nybelinia lingualis* and *Tentacularia coryphaenae*), two species of nematodes (*Hysterothylacium incurvum* and unidentified nematodes), one species of copepode (*Pennella instructa*), and a trematode (*Hirudinella ventricosa*) were collected from the swordfish. The results of the study is published in the journal "Marine Biodiversity" (publisher: Springer. DOI:10.1007/s12526-015-0346-4).



(Communicated by Dr. Sijo P. Varghese, Sr. Fisheries Scientist, Cochin Base of FSI)

Occurrence of Shortfin Mako Shark (*Isurus oxyrinchus*), Rafinesque, 1810 in the Nicobar Waters

The Shortfin Mako Shark (*Isurus oxyrinchus*) was caught onboard the vessel *MFV Blue Marlin* attached to Port Blair Base of Fishery Survey of India on 22 September 2015 in the area 09°N/93°E at a depth of 2092 m. The species caught was measured about 241 cm TL and weight upto 12 kg. The Shortfin Mako Shark also known as Blue Pointer are the largest Mackerel Sharks belonging to the family of Laminidae. The term 'Mako' comes from the Maori language meaning either the shark or shark tooth. Shortfin Mako Sharks are fairly large species with a fusiform, cylindrical, moderately slender body with a vertically elongated tail assisting its lifestyle. In addition, it has long and acutely pointed snout. Colour is brilliant metallic blue dorsally and white ventrally. The line of demarcation between blue and white on the body is distinct. The Shortfin Mako Shark inhabits offshore temperate and tropical seas worldwide. It is a pelagic species confining itself to surface waters. It is known to be an endothermic shark preferring temperature above 16°C.

Thus species serves as an important species for longline fisheries due to its economic importance like high quality meat for consumption and oil which is extracted from its liver while the jaws and teeth are used in ornaments.

(Communicated by Shri G.V. A. Prasad, Sr. Scientific Assistant, Port Blair Base of FSI)

Occurrence of juvenile in North-west coast of India (Lat 18°N to 20°N)

The vessel *Matsya Nireekshani* attached to Mumbai Base of Fishery Survey of India recorded the occurrence of juveniles of most of the fishes from North-west cost of India during December 2015. Juveniles of *Arius* spp. (Cat fish),

Loligo duvaucelli (squid), *Nemipterus japonicus* (Rani fish), *Epinephelus diacanthus* (Kalava), *Rastrelliger kanagurta* (Mackerel), *Megalaspis cordyla* (Horse mackerel) were observed during the cruise. These species were recorded from the area Lat 18°00.4'N / Long 72°28.9'E at a depth range of 30-50 m. The length range of Rani fish (7.0-21.5 cm), *Arius tenuispinis* (17.5-47.0 cm), *Epinephelus diacanthus* (11.0-18.0 cm), *Loligo duvaucelli* (8.0-22.0 cm), *Rastrelliger*



kanagurta (12.0-27.5 cm) and *Megalaspis cordyla* (18.0-33.0 cm) were recorded. Length frequency studies revealed that all the specimen were in Juvenile stage.

(Communicated by Dr. S. K. Dwivedi, Fisheries Scientist, Mumbai Base of FSI)

Bumper catch in Longline fishery

The vessel *Matsya Vrushti* recorded a better hooking rate during the months of November & December 2015. During the month of November 2015, total 139 Nos. of fishes were caught which comprised of Yellow fin tuna & Lancet fish (21.9% each), Sword fish (14.6%), Dolphin fish (13.14%) and Sharks (12.4%). The aggregate hooking rate of 1.50% and Yellow fin tuna hooking rate of 0.32% from the area of Lat. 9°N-14°N was observed.

Whereas during the month of December 2015, the vessel operated in the area between Lat. 18°N- 22°N. The hooking rate increased to 1.62% with YFT hooking rate of 0.39% in comparison of the month of November 2015. Total 154 Nos. of fishes were hooked which consisted of Yellow fin tuna (24.0%), Shark (31.2%), Dolphin fish (28.6%), Blue Marlin (3.3%), Sword fish (2.0%) and others (11.0%). A sword fish (*Xiphias gladius*) weighing 170 Kg and a Blue Marlin weighing 140 Kg were recorded from the area of Lat. 20°N/Long. 66°E on 23/12/2015. The catches during the above two months were encouraging after a lapse of several years.

(Communicated by Dr. D. E. Uikey & Shri A. V. Tamhane, Sr. Scientific Assistant, Mumbai Base of FSI)

Record of King Fish in Oceanic waters

King Fish *Rachycentron canadum* was reported from oceanic waters in the catches of *Matsya Vrushti* monofilament tuna longline during the months of November & December 2015. During Nov'15, *R. canadum* was caught (weighing 1.5 kg) from a depth range of 3340-3650 m in the area of Lat. 11°N/Long. 70°E on 27/11/2015 and during Dec'15 it was

recorded from the depth range of 2140-2300 m in the area of Lat. 18°N/Long 69°E.

King Fishes are mainly pelagic but may occur throughout the water column (Freman & Walford 1976) and have taken at a depth of 50m and over water as deep as 1200 m (Springer & Bullies 1956). So far King fish was not recorded in a depth range of above 2000m. Fishery Survey of India has reported the occurrence of Cobia in above 2000 m depth in Indian Waters.



(Communicated by Dr. D. E. Uikey & Shri A. V. Tamhane, Sr. Scientific Assistant, Mumbai Base of FSI)

Spadenose Shark abundance off Veraval (Gujarat coast), which is near threatened

During the month of November 2015 *M.V. Matsya Nireekshani*, the fishing vessel attached to the Mumbai Base of Fishery Survey of India was in survey operation between the area 20-21°N(North West coast). While carrying out the fishery resources survey operation in between the area 20°12/71°04 – 20°54/69°22, at the depth range 48-74m, totally 90 numbers of Spadenose Shark (*Scoliodon laticaudus*, Muller&Henle, 1838) were caught by using bottom trawl from 7 sampling stations.

All 90 specimen were studied taking certain aspects like length frequency, length weight, maturity, feeding intensity etc., whereas the length of the specimen caught was minimum 20.0cm and maximum 61.5cm., the weight 160gm – 780gm. during the month, shark maturity was observed 50% from stage I and 50 from II. Male and female were observed like 70/30 percentage respectively. When cut opening the umbilical sac of two female sharks, it is noted 5 pups from one sample and 9 pups in second sample. It was in the size group 12-14cm, weighed 10-15gm. The gut content analysis showed, 3 of the specimen infected with parasite tapeworm.

The abundance even observed throughout the year in the North West coast, due to low fecundity it is resilient to fishing pressure than other sharks. Now, this harmless shark is assessed by the international union for conservation of nature (IUCN,2010) as near threatened.



(Communicated by Shri A. Siva, Senior Scientific Assistant, Fishery Survey of India(HQ), Mumbai)

RICH GROUND OF TUNA RESOURCES LOCATED OFF NAGAYALANKA AND MACHILLIPATNAM COAST.

During the month of December, 2015 the vessel *Matsya Drushti* carried out exploratory survey in the Central- East Coast of Bay of Bengal in between 14°N to 18°N by deploying Monofilament long line gear. Total No. of 61 fishes weighing about 1060 kg was caught during the voyage. A total 46 Nos. weighing 992 Kg of Yellow fin Tuna followed by Barracuda (03 Nos. weighing 12 Kg), Blue Marlin (01 No weighing 48 Kg), Skipjack Tuna (01 No weighing 06 Kg) and Dolphin Fish (01 No. weighing 02 Kg) among the commercial fish varieties were caught during the month under report. The size range of Yellow fin tuna was varying between Fork Length- 68 cm to 156 cm and weighing between 7 to 60 Kg. From the total catch, the Yellowfin tuna is 75% by numbers and 94 % by weight. The area observed to be productive as numbers of Yellow Fin Tuna shoals were observed which may be due to the influx of Godavari River water. The upwelling of coastal waters might have been enriched with the secondary productivity which is the reason of Tuna congregation. The gonad studies indicate that female and male tunas are either immature or in the maturing stage. The gut content analysis indicates that squid is the preferred food item by tunas.



(Communicated by Dr. Manas Kumar Sinha, Junior Fisheries Scientist, Chennai Base of FSI)

II OUTREACH AND TRAINING

Regional workshop by Port Blair Base of Fishery Survey of India

One day regional workshop on *Marine fishery resources of Andaman and Nicobar Island and diversified fishing methods* was organized by the Port Blair Base of FSI on 16 July 2015. The workshop was inaugurated by Smt. P Aruna, BDO, Rangat, Middle Andaman and Shri Manoj Biswas, Pradhan, Nimbudala was the Guest of Honour on the occasion. Shri S.K. Talukdar, Asst. Director of Fisheries,

A&N Administration, Mayabunder presided over the function. During the workshop, the information on Oceanic Resources Survey results conducted by the *MFV Blue Marlin* was disseminated and also explained the availability of Oceanic fishery resources potential in the A & N Waters duly encouraging the fishermen to adopt the diversified fishing methods. Besides, a fishermen rally was conducted. About 90 fishermen participated in the rally to spread awareness among the fishermen community on *Code of Conduct for Responsible Fisheries (CCRF)*. The entire event was covered by the newspapers viz. the Echo of India and the Daily Telegram. During the technical session, the FSI Scientists, presented technical papers. An exhibition was also organized for the benefit of fishermen from Nimbudala Ranagt Bay, Yerrata, Kasturi Nagar and Bhishnupur, Middle Andaman.



Broadcasting of NFDB training programme to the Tribal Fishermen of Andaman & Nicobar Islands

A one day trip at sea was made on 30 July 2015 onboard *MFV Blue Marlin*, accessed the training imparted to fishermen in coordination with Doordarshan and All India Radio, Port Blair along with Director of Fisheries, Andaman & Nicobar Administration, Officer-in-charge, FSI Port Blair and two Scientists of the Port Blair Base.

Regional Workshop by Mumbai Base of Fishery Survey of India

A one day Regional workshop and exhibition on *Marine Fisheries* was organized by Mumbai Base of Fishery Survey of India, Mumbai on 22 August 2015 at Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur, Dist. Solapur, (Maharashtra) for the benefit of the students of the Deptt. of Zoology. Dr. J. G. Jadhav, Principal, K.B.P. College, Pandharpur presided over the inaugural session. More than 150 students and the faculties attended the programme along with several entrepreneurs from fisheries sector.



Regional Workshop by Visakhapatnam Base of Fishery Survey of India

One day regional workshop on *Marine fishery resources of the upper east coast of India* was organized by Visakhapatnam Base of FSI in association with the Directorate of Fisheries, Govt. of West Bengal at Digha Mohana on 27 August 2015. Shri R.F. Lepcha, Addl. Director of Fisheries, Govt. of West Bengal was the Chief Guest of the occasion. The meeting was presided over by Dr. P.K. Jana, Joint Director of Fisheries (ME& MS), Govt. of West Bengal. Shri Debabrata Das, Karmadakhya, Matsya-o-Prani Sampad Sthayee Samiti and Shri Samundar Dash, Secretary, West Bengal united fishermen's association were the Guest of Honour. Dr. A.B.Kar, Fisheries Scientist welcomed the gathering and Shri K. Govindraj, Sr. Fisheries Scientist discussed the various aspects of marine fisheries during the programme. Dr. Sandip Kumar Mondal, Dy. Director of Fisheries (Marine), Govt. of West Bengal proposed the Vote of Thanks.



Regional Workshop by Cochin Base of Fishery Survey of India



A regional workshop on *Fishery Resources of Kerala Coast: Sustainable utilization* was organized by the Cochin Base of FSI, Kochi at Neendakara, Kollam on 03 September 2015. Shri D. K. Gulati, Zonal Director welcomed the delegates and participants and delivered the Keynote address. He briefed about the objectives of the workshop and also the activities and initiatives of the FSI with special reference to Cochin Base. The workshop was inaugurated by Shri Alphons Philip, Councilor 1st Division, Shakthikulangara, Kollam. In the inaugural address, he said that there are many Central Govt. Fisheries Institutes under the Ministry of Agriculture & Farmers Welfare which they were not aware of. He congratulated the FSI for organizing such workshop at Neendakara. Smt. Mariamma John, Ward Member of Panchayat, Neendakara delivered the presidential address and Shri Thajudeen, AD (Fy), Neendakara, Shri Peter Mathias, General Secretary, Boat Operators Association, and Shri Charlie Joseph, President, Boat Owners Association felicitated the occasion. Dr. Sijo P. Varghese, Sr. Fisheries Scientist proposed the Vote of Thanks. Total 95 members of Neendakara fishing community including fishermen, fishing boat owners, fishermen's association representatives participated in the workshop.

Participation in Utkal – Banga Utsav by Visakhapatnam Base of FSI

The Visakhapatnam Base of Fishery Survey of India participated in Utkal – Banga Utsav organised by the Atragami Handicapped Samiti, Purba Medinipur, West Bengal at Chandaneswar Mahavidyalaya Campus, Balasore, Odisha during 14th - 20th November 2015. The Base exhibited a stall displaying the organizational activities, various FSI charts, laminated photographs of fishing methods, eco-friendly fishing gears and also the theme of Code of Conduct for Responsible Fisheries (CCRF) translated in regional languages for the benefits of the farmers, fishermen, representative from fishery Co-operative societies, school & college students and general public. More than 20,000 people from surrounding

villages and nearby towns visited the stall and they were very much enthusiastic about various aspects of deep sea fishing and also actively interacted on various issues related to marine fish and fisheries.

Participation in 27 Krishi Shilpa 'o' Baniya Mela" by Visakhapatnam Base of FSI

Visakhapatnam Base of FSI participated in the 27 Krishi Shilpa 'o' Baniya Mela" organized by All India Agargami Handicapped Samiti, Purbha Medinipur, West Bengal at Chandipur, Purba Medinipur district West Bengal during 9-15 December 2015 and disseminated the activities of Fishery Survey of India to the end users viz., fishermen, students, representatives from fishing industries and general public by explaining various FSI charts and models of eco-friendly fishing gears.

- Shri Ashok Kumar Angurana, I.A.S, Secretary and Shri Aditya Kumar Joshi, Joint Secretary (Fy), Department of Animal Husbandry Dairying and Fisheries, Ministry of Agriculture, New Delhi visited to Chennai Base of FSI on 11/05/2015. During their visit, Dr. L. Ramalingam, Zonal



Director briefed about the objectives and achievements of the Base. They witnessed the activities undertaken in the Workshop and Net mending Section. They boarded *MFV Samudrika*, Stern trawler, where in they were briefed about the operational aspects of the trawl net and the fishery resources of the survey area under the jurisdiction of the Base. As desired by the Secretary, the vessel *MFV Samudrika* sailed out the fishing Harbour and they witnessed the overview of the Fishing Harbour as the harbour is being modernized with the Ministry of Agriculture funds. They took an overview of the operational aspect of the vessel too and appreciated the effort made by Fishery Survey of India. During the visit, the officials from Coastal Aquaculture Authority, CIFNET and Dept. of Fisheries, Govt. of Tamil Nadu were also present.

- Dr. Sanjeev Kumar Balyan, Hon'ble Minister of States for Agriculture & Food Processing Industries, New



Delhi visited Cochin Base as well as the vessel *MFV Matsya Varshini* on 04 June 2015. Shri D. K. Gulati, Zonal Director, FSI, Kochi Base briefed about the FSI activities and operation of the vessel.

- Shri Adithya Kumar Joshi, IFS, Joint Secretary (Fy.) and Shri Meshram, Director (Admn) Ministry of Agriculture and Farmers' welfare, Department of Animal



Husbandry, Dairying and Fisheries, New Delhi, visited the Kochi Base as well as the survey vessels *MFV Matsya Varshini* on 16 June 2015. They were briefed about the FSI activity and vessel operations.

- Shri Rijush Ranjan, College of Fisheries, Dholi, Bihar along with 16 students and Shri B. Koteswar, NIFPHATT along with 8 students from Ganga Singh College Chapra (Bihar) visited Visakhapatnam Base of FSI on 01 April 2015 and 31 July 2015 respectively. They were briefed about the Fishery Survey of India activities and marine fishery resources of India. They also visited the vessel *Matsya Shikari* and *Matsya Darshini*. Details on navigational, fish finding equipments, trawls and trawl accessories were demonstrated to them.
- 15 students of Fisheries College, Assam, undergoing training at NIFPHATT, Visakhapatnam visited the vessel *Matsya Shikari* on 19 September 2015. They were briefed about the sophisticated navigational, electronic equipment and fishing accessories available onboard the fishing vessel.
- Five Trainees from Department of Fisheries, Lakshadweep islands visited onboard the survey vessel *MFV Matsya Varshini*, on 11 June 2015 to get first hand information and exposure as a part of short term course on wooden boat building at CIFNET, Kochi.
- 49 students of final year B.F.Sc., and one teacher from KUFOS, Panangad, Kochi visited MED & fishery survey vessels on 01 June 2015 as a part of the fishing experience programme.
- A team of PG students along with faculty members visited onboard the vessel *Matsya Vrushti* on 7th October 2015. They were briefed about the mandate & survey operation of FSI vessels, identification of commercially important fish resources, various fishing techniques including monofilament long line gear. They were also

explained various navigational as well as fish finding equipments fitted onboard and actual fishing operation, etc.

- Total 20 tribal fishermen underwent NFDB sponsored training programme in the latest technology on tuna longline onboard the vessel *MFV Blue Marlin* attached to Port Blair Base of FSI during the month of April to December 2015.

III) HALF YEARLY ROSA meeting held at VISAKHAPATNAM Base of FSI.



The Half yearly Review of Operational and Scientific Activities (ROSA) meeting for the period from April- August 2015 was held in Visakhapatnam Base of Fishery Survey of India during 22-23 September 2015. Shri Premchand, Director General (I/C), FSI chaired the meeting wherein the target and achievement of the FSI Survey vessels were reviewed. It was also discussed in length as how to overcome the lacunae in implementation of proposed survey programme.

IV) Implementation of Official language:

Hindi Workshop conducted by FSI, Mumbai (HQ)

A one day Hindi Workshop was organized on 08 September 2015 at FSI (HQ.), Mumbai. Shri Naresh Kumar, Officer-In-Charge, Central Translation Bureau was invited to deliver lecture on *Importance of Technical Terminology in official Hindi work*. While addressing the participants he urged them to utilize the knowledge gained in the workshop and increase the use of Hindi in correspondence to achieve the prescribed target mentioned in the Annual Programme. Total twenty five Officials and Staff members actively participated in the workshop.

Hindi Workshop conducted by the Bases

- A Hindi workshop was organised for the Officers and Staff on 27 June, 2015 at Kochi Base of Fishery Survey of India. Total 15 employees took part in the workshop.

- A Hindi Workshop was organised at Visakhapatnam Base on 30 June 2015. Smt. V. Suguna, Asst. Director, Rashtirya Ispat Nigam Ltd. was the resource person on this occasion. She delivered a lecture on *Hindi Terminology, use of Hindi in day to day official works and also rules related to Hindi Implementation in Central Govt. Offices*.
- A Hindi workshop was organized on 10 July 2015 for the Officers and Staff members of Kochi Base of FSI. Smt. Leena T. P, Jr. Hindi Translator of Kochi Base was the resource person.
- One day Hindi Workshop was organised in the conference hall of Visakhapatnam Base on 07 August 2015. Smt. M. Ramadevi, Hindi Officer, East Coast Railway-cum Secretary (TOLIC) was the resource person of the workshop. She elaborated on *Article -3(3) and importance of official language and its use*.
- One day *Kavi Sammelan* was organised by Visakhapatnam Base at Divisional Railway Manager Office, Visakhapatnam on 20 August 2015. Smt. Chandralekha Mukharjee, Divisional Railway Manager, Eastern Railway was the Chief Guest of the occasion. Wherein, about 18 poets from various central Govt. organizations Visakhapatnam recited their poems on various topics. The Chief Guest encouraged the participants by presenting a memento.
- As a part of official language implementation, Hindi workshop was conducted by Port Blair Base office on 16 September 2015. Shri Shahanawaz, Junior Hindi Translator, Fishery survey of India, Port Blair was the resource person. He spoke on *The importance of official language in day to day official works*.
- A Hindi workshop was organised by Port Blair Base of FSI on 30 November 2015, wherein, Shri Mahendra Pratap Mishra, Hindi Officer, BSNL. Port Blair was the Chief Guest.
- A one day Hindi workshop was conducted on 11 December 2015 at FSI (HQ) Mumbai Dr. Rakesh Kumar, Asstt. Director, Hindi Teaching Scheme, New Mumbai delivered lecture on *Hindi Correspondence*. He gave a brief summary of the various correspondence and narrated on *proper methods to make noting & drafting in Hindi*. 28 Officers & Staff members actively participated in the workshop.
- A Hindi workshop was organized on 22 December 2015 at Kochi Base of Fishery Survey of India. Shri O. Ramesh, Manager (OL), Hindustan Organic Chemicals Ltd. was the faculty for the workshop. Total 3 Officers and 16 Staff members of the Base attended the workshop.
- One day Hindi workshop was organized in the conference hall of Visakhapatnam Base on 23 December 2015. Shri Ghanshyam Prasad Namdev, Assistant Director, Hindi Teaching Scheme, Govt. of India, Swarna Jayanthi Bhavan, was the resource person who elaborated on the *Usage of UNICODE and its importance in official language*.

‘Hindi Day’ & ‘Hindi Fortnight’ celebration at FSI

- The Fishery Survey of India (HQ) Mumbai celebrated ‘Hindi Day’ on 14 September 2015 and ‘Hindi Fortnight’ for the period from 14.09.2015 to 29.09.2015. The inaugural function of Hindi Day & Hindi Fortnight was held on 14.09.2015 at FSI (HQ) under the Chairmanship of Shri Premchand, Director General(I/C). On this occasion, Shri Premchand, Director General (I/C) congratulated all the staff members and he requested all the employees to participate in all the competitions and to do more and more work in Hindi. During the Hindi Fortnight, five competitions were conducted on (i) Hindi dictation 2) Hindi Typing 3) General knowledge on Hindi 4) Antakshari and Poem recitation in Hindi. As many as 25 Staff members participated in the competitions with fervour and enthusiasm. The valedictory function of the ‘Hindi Fortnight’ was held on 29 September 2015 at FSI (HQ) The function commenced with the welcome address by Shri M. K. Farejiya, Director (Engineering). The competition on Hindi poem recitation was conducted on valedictory function. Six employees participated in the reciting of the poems. Shri K. V. Singh, Chief Engineer, CPWD, was the Chief Guest and Shri Gurudayal Singh, Executive engineer and Smt. Rita Chathurvedi, Hindi Pradhyapak, Hindi Teaching Scheme were the Special Guest for the function and played the role of a jury for the poem recitation competition.
- Hindi Fortnight was observed at Visakhapatnam Base of FSI from 04 - 18 September 2015. During the fortnight, various competitions for the staff and their children were organised. A valedictory function was organised on 18.09.2015 and Smt. Maimona Chowhan, Manager (Official Language) State Bank of India, Administrative office, Siripurum, Visakhapatnam was the chief Guest for the occasion and prizes were distributed by the Chief Guest to the participants.
- The Hindi fortnight was observed in Port Blair Base during 3rd-17th September 2015. Dr. S. Ramachandran Sr. Fisheries Scientist, Fishery Survey of India, Port Blair inaugurated the function during the fortnight. Competitions on Essay writing, Quiz and singing were conducted.
- The Hindi fortnight was organized in Cochin Base for the period from 14- 28 September 2015. During the said period, various competitions were held and awards were also conferred upon.

Aashirwad Smriti Chihn

- Shri N.V. Ramana Murthy, System Analyst was honored with Aashirwad Smriti Chihn for contribution in implementation of Hindi in official work. The prize was

conferred upon him in the Aashirwad 24th Rajbhasha Sammelan held on 27 September 2015 at University of Mumbai, Fort, Mumbai.

Visit of Parliamentary Committee on Official language at Visakhapatnam Base of FSI



- The Honourable Parliamentary Committee on Official language inspected the progress of the implementation of the Official language in respect of the Visakhapatnam Base at the Conference hall of A.P. Tourism Beach Resort, Rushikonda, Visakhapatnam on 10 April 2015. Shri Premchand, Director General (I/C), Shri D.K. Choudhary, Deputy Secretary, Ministry of Agriculture, DAHD &F, New Delhi, Dr. A. Anrose, Zonal Director and Shri N. Jagannath, Jr. Fisheires Scientist interacted with the committee during the inspection. Dr. A. Anrose, Zonal Director welcomed the Parliamentary committee and briefed the activities on official language at Visakhapatnam Base of FSI. The Parliamentary Committee appreciated the work done by the Base.

Publication of Scientific papers :

- D. K. Gulati and Premchand (2015). *Standardization of distant water tuna longline hooking rate for Yellow Fin Tuna (Thunnus albacores) based on the data collected by the fleet of FSI during the period 1981-2012*, IOTC-2015-WPTT 17-24
- Sijo P. Varghese, D. K. Gulati, N. Unnikrishnan and A.E Ayoob (2015). *Biological aspects of silky shark Carcharhinus falciformis in the eastern Arabaian Sea*. Journal of the Marine Biological Association of the United Kingdom
- Shri K.S.N. Reddy and Shri A.Siva (2015) presented a paper on *Morphometric, Meristic and some biological aspects of Acropoma japonicum (Gunther, 1859) recorded from the Indian waters during UGC sponsored National Seminar on Marine Biodiversity and Management of Coastal Ecosystem (MBMCE-2015) organised by Dpt. Of Marine living resources, Andhra University, Visakhapatnam during 8-9 April, 2015.*

Ph.D Degree Award



Shri H.D. Pradeep, Fisheries Scientist, Port Blair Base of Fishery Survey of India was awarded Doctor of Philosophy (Ph.D) in Marine Biology-Zoology on topic *Studies on the selected snappers (Family: Lutjanidae) of Madras Coast with reference to their reproductive strategies.*



Shri K. S. N. Reddy, Fishing Gear Technologist Visakhapatnam Base of Fishery Survey of India was awarded Doctor of Philosophy (Ph.D) in Marine Living Resources for the thesis entitled *Fish vulnerability and catch efficiency studies of two types of resource specific bottom trawl operated for demersal fishes in the upper East coast of India.*

V. Participation in Training/ Seminar/ Workshop/ Symposium/ Meetings/ Conferences:

International

- Shri D. K. Gulati, Zonal Director, Kochi Base of FSI participated in the 17th Session of Indian Ocean Tuna Commission (IOTC) Working Party on Tropical Tunas (WPTT) held in Montpellier, France, during the period from 23-28 October 2015.

National

- Dr. A. John Chembian, Jr. Fisheries Scientist attended a stakeholder's meeting on *Sustainable Fisheries Development in Tamilnadu – Policy perspectives* held on 7th April, 2015 at the State Planning Commission, Ezhilagam, Chepauk, Chennai.
- Dr. S. Ramachandran, Sr. Fisheries Scientist participated in the *Island Kisan Mela 2015* on the theme *Island Agriculture and Farm Innovators meet 2015* at CIARI Campus, Garacharma, Port Blair on 09.04.2015 & 10.04.2015.
- Dr. S. Ramachandran, Sr. Fisheries Scientist participated in the National Seminar on *Harmonizing Biodiversity and Climate Change, Challenges and Opportunities* conducted by the Andaman Science Association at CIARI Campus, Garacharma, Port Blair on 17.04.2015.
- Shri Sujit Kumar Pattanayak, Sr. Scientific Assistant attended the fisheries stake holders consultation meet organised by CMFRI, Visakhapatnam on 18.04.2015
- Dr. A. Anrose, Zonal Director along with Shri C.D. Rao, Mechanical Marine Engineer, Shri S.K. Pattanayak & Shri A. Siva, Sr. Scientific Assistant participated in Pollution Response Seminar and Exercise-2015 on 13 & 14 of May 2015 at Indian Coast Guard, Visakhapatnam, District Head quarters and Coast Guard Ship Vignraha.
- Dr. A. Anrose, Zonal Director attended a meeting

on *Security Incident on 18th March 2015 on PSV Malavia Sixteen, off Rig Platinum Explorer* at MMD, Visakhapatnam on 21.05.2015

- Dr. Dewanand Uikey, Sr. Scientific Assistant and Miss Rajashree B. Sanadi, Sr. Scientific Assistant attended the Thane District Fisheries Consultative Committee meeting on *Effect of Purse-seine fishing on the traditional fishing activity of Maharashtra coast* on 10.06.2015 at District Collector office, Thane.
- Dr. S. Ramachandran, Sr. Fisheries Scientist attended the Inaugural session of Centenary celebrations of Zoological Survey of India on *Lesser Known Marine Animals of India* (LEKMAI 2015), organized by Zoological Survey of India, Port Blair on 11.06.2015 and presented a paper on the topic *Prospects of sustainable exploitation of demersal fishery resources of Indian EEZ* on 12 .06 .2015.
- Miss Rajashree B. Sanadi, Sr. Scientific Assistant attended the quarterly meeting of Rural Programme advisory committee for Akashwani held on 16.06.2015 at Goregaon, Mumbai.
- Dr. L. Ramalingam, Zonal Director, Dr. J.C. Dhas, Jr. Fisheries Scientist, Dr. Manas Kumar Sinha, Jr. Fisheries Scientist, Dr. John Chembian, Jr. Fisheries Scientist and Shri C. Babu, Sr. Scientific Asst. attended the National Consultation on Mainstreaming Ocean Research for Ocean & Resource Management (MORFORM-II) At Hotel Fortel, Egmore, Chennai during 17th and 18th June, 2015 organised by FSI and sponsored by BOBLME.
- Dr. L. Ramalingam, Zonal Director and Dr. Manas Kumar Sinha, Jr. Fisheries Scientist attended meeting on *Proposal of Tamilnadu Government for replacement of fishing fleet in the Palk Bay into deep sea fishing by procuring the new gill net cum tuna long liners with 50% assistance* held at BOBP, Chennai on during 24th June, 2015.
- Dr. A.B. Kar, Fisheries Scientist and Shri N. Jagannadh, Jr. Fisheries Scientist attended the tender committee meeting of NIFPHATT, Visakhapatnam on 18.06.2015
- Dr. A.B. Kar, Fisheries Scientist attended the tender committee meeting at NIFPHATT, Visakhapatnam on 26.06.2015
- Dr. A. B. Kar, Fisheries Scientist attended a workshop on *The promotion of deep sea fishing in coastal districts of AP state through mechanised and motorised boats* held at Zilla Parishad conference hall on 06.07.2015 conducted by the State Fisheries department, Andhra Pradesh and presented a paper on *Diversified Fishing Methods* and actively participated in the discussion.
- Shri S.K. Pattanayak, Sr. Scientific Assistant attended the National Seminar on *Water resources with colloquium on interlinking of rivers* held at the Andhra University, Visakhapatnam on 10.07.2015
- Shri D. K. Gulati, Zonal Director and Dr. Sijo P. Varghese, Sr. Fisheries Scientist attended the meeting to discuss the project proposal *Vulnerability Assessment and Development of Adaptation Strategies for Climate*

Change Impact with special reference to coasts and Island Ecosystem of India (VACCIN) held at NIO Regional Centre, Kochi on 31.07.2015.

- S/Shri N. Unnikrishnan, Jr. Fisheries Scientist and A. E. Ayoob, Jr. Fishing Gear Technologist attended a workshop on *Present & future prospectus of Periyar River in the Eloor/Edayar Industrial Area* Organised by the State Pollution Control Board at IMA hall, Kaloor on 01.08.2015.
- Dr. Dewanand E. Uikey, Sr. Scientific Assistant participated in the training workshop on *Fishery Stock Assessment and Ecosystem Modeling* held at INCOIS, Hyderabad during 16-22 September 2015.
- Dr. A. K. Bhargava, Zonal Director attended and delivered inaugural lecture on *Fish Stock Assessment Practices in FSI* in the training workshop on *Fishery Stock Assessment and Ecosystem Modeling* held at INCOIS, Hyderabad on 16.09.2015.
- Shri C. Dhananjay Rao, Mechanical Marine Engineer attended the Hindi fortnight valedictory function of CIFNET, Visakhapatnam on 18.09.2015 as a Chief Guest.
- Dr. A. John Chembian, Jr. Fisheries Scientist attended a training programme on *Fishery stock assessment and Ecosystem Modelling* held at INCOIS, Hyderabad during 16- 22th September 2015.
- Shri N. Unnikrishnan, Jr. Fisheries Scientist attended the *1st meeting of Expert Committee on fish hold subsidy scheme at the MPEDA*, Kochi on 22.09.2015.
- Dr. S. Ramachandran, Sr. Fisheries Scientist attended meeting with Secretary of Industries, Andaman and Nicobar Administration at Secretariat on 06.11.2015 regarding training programme conducted by FSI during October 2015.
- Dr. M.K. Sinha, Jr. Fisheries Scientist attended public awareness programme on *Coastal Pollution prevention* organized by GAIA International Organization, Chennai on 16.10.2015 at CIFNET, Chennai and delivered a talk on *Coastal Pollution and its Prevention*.
- Dr. M.K. Sinha, Jr. Fisheries Scientist attended one day user awareness programme on *Shodhganga and Anti-Plagiarism Software-URKUND* on 29.10.2015 at University of Madras, Chepauk, Chennai.
- Dr. S. Ramachandran, Sr. Fisheries Scientist attended meeting for the selection/ Project evaluation committee for implementation of the scheme *Supply of Deep Freezer on 25% subsidy to Fishers / Tribes in Andaman and Nicobar Islands* under RKVY at the Chamber of the Secretary (Fy), Andaman and Nicobar Administration
- Shri K. Govindraj and Dr. A.B. Kar, Fisheries Scientist attended the research meet conducted by East Godavari Estuarine Ecosystem (EGREE) at Priya Beach resort, Rishikonda, Visakhapatnam during 5-7 November 2015
- Dr. S. Ramachandran, Sr. Fisheries Scientist attended one day workshop on *Strategies for development of Agriculture and its allied sectors of Island region* held at CIARI, Port Blair on 18.11.2015

- Shri P. Chalapati Rao, Statistician, Shri Bapu M. Raut, Data Processing Assistant and Shri Ashish Kumar, Data Processing Assistant participated in the proposed training -cum- workshop for Marine Fisheries Census- 2015 held on 20-21 November, 2015 at Mumbai Research Centre of CMFRI.
- Shri K. Govindraj, Sr. Fisheries Scientist and Dr. A.B. Kar, Fisheries Scientist, Shri N. Jagannadh, Jr. Fisheries Scientist, Shri S. K. Pattnayak, Sr. Scientific Assistant, Shri C. Babu, Sr. Scientific Assistant and Shri. Jacob Thomas, Jr. Fisheries Scientist attended a training programme on P-Sea Tag for Tuna tagging held at CMFRI, Visakhapatnam during 28th – 29th November, 2015 under SATTUNA project.
- Under the mass-media support towards the fishing industry, Dr. Dewanand E. Uikey, Sr. Scientific Assistant attended quarterly meetings of Rural Advisory Committee of Aakashwani (AIR), Mumbai on 2/09/2015 & 4/12/2015.
- Shri N. Unnikrishnan, Jr. Fisheries Scientist attend the *2nd meeting of Expert Committee on fish hold subsidy scheme at the MPEDA*, Kochi on 08.12.2015.
- Dr. Dewanand E. Uikey, Sr. Scientific Assistant attended quarterly meetings of Rural Advisory Committee of Doordarshan held at Doordarshan Kendra, Mumbai on 9/12/2015.
- Shri C. N. Raitha, Upper Division Clerk attended a training on Right to Information Act, 2005 organized by Regional Training centre, Mumbai from 28.12.2015 to 29.12.2015.
- Dr. Dewanand E. Uikey, Sr. Scientific Assistant gave an interview for Aakashwani twice, (First recording on *Fishing operation- when and where* on 15/06/2015 and broadcast on 19/06/2015 and second recording on *Use of proper gear for fishing* on 18/01/2016 and was broadcast on 20/01/2016.

VIII. ADMINISTRATIVE NEWS

Appointment

- Shri Harish Kumar was appointed to the post of MTS w.e.f. 01.04.2015 at Visakhapatnam Base of Fishery Survey of India.
- Shri S. Kiran Kumar was appointed to the post of MTS w.e.f. 23.06.2015 at Visakhapatnam Base of Fishery Survey of India.

Promotions/Transfers:

Transfers:

- Dr. Shailendra Kumar Dwivedi, Fisheries Scientist transferred from Port Blair Base to Mumbai Base on 16.04.2015 and reported for duty on 18.04.2015.
 - Shri T.A. Sajive, Chief Engineer, Gr. I transferred from
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Visakhapatnam Base to Kochi Base on 30.5.2015 and reported for duty on 15.06.2015

- Shri A. Siva, Sr. Scientific Assistant transferred from Visakhapatnam Base to FSI Mumbai (HQ), FSI on 15.06.2015 and reported for duty on 18.06.2015
- Shri S. Kanthen, Mechanical Supervisor (Sr.) transferred from Port Blair Base on 25.08.2015 to Chennai Base and reported for duty on 01.09.2015.
- Shri G. S. V. Sharma, Mechanical Supervisor (Sr.) transferred from Chennai Base to Port Blair Base on 01.9.2015.
- Shri Y. Tharumar, Sr. Scientific transferred from Mormugao Base of FSI to Chennai Base on 14.09.2015 and reported for duty on 16.09.2015.
- Shri M.V. Ajith Kumar Chief Engineer Gr.II transferred from Mormugao Base to Visakhapatnam Base on 10.11.2015 and reported for duty on 19.11.2015
- Shri P. V. Latheesh, Office Superintendent transferred from Kochi Base of FSI on 16.11.2015 to Port Blair Base and reported for duty on 30.11.2015.
- Shri A. Mohan, Welder transferred from Port Blair Base to Kochi Base on 08.12.2015 and reported for duty on 11.12.2015.

Promotions:

- Shri A.A. Dowlath, LDC promoted to the post of UDC on 08.07.2015 and posted at Cochin Base of Fishery Survey of India.
- Shri C.N. Raitha, LDC promoted to the post of UDC on 08.07.2015 and posted at FSI Mumbai (HQ).
- Shri R. Ramalakshmi LDC promoted to the post of UDC on 05.08.2015 and posted at Chennai.
- Shri S. Moni, Sr. Clerk was promoted to the post of Office Superintendent on 19.08.2015 and posted at Chennai Base of FSI.

Retirements:

- Shri V.S. Sumra, MTS Fishery Survey of India Mumbai (HQ) voluntarily retired from service on 11.04.2015
- Shri K.P. Syed Mohammed, Bosun(C), Cochin Base of Fishery Survey of India retired from service on his Superannuation on 30.04.2015
- Shri O.V. Chandrasekharan, RTO Cochin Base of Fishery Survey of India retired from service on his Superannuation on 30.04.2015
- Shri K. Sethuraman, Multi Tasking Staff of Chennai Base of Fishery Survey of India retired from service on his Superannuation on 30.04.2015.
- Dr. M. K. Sajeevan, Jr. Fisheries Scientist was relieved of his duties from FSI due to technical resignation on 27 May 2015
- Dr. A. Anrose, Zonal Director, Visakhapatnam Base of Fishery Survey of India retired from service on his Superannuation on 31.05.2015.

- Shri T. V. S. Prasad Service, Engineer (I & C) Chennai Base of Fishery Survey of India, retired from service on his Superannuation on 31 May 2015.
- Smt. J.S. Mary, Netmender of Chennai Base of Fishery Survey of India retired from her service on Superannuation on 31.07.2015.
- Shri Harish Kumar, MTS, Visakhapatnam Base of Fishery Survey of India was terminated from his service on 04.09.2015
- Dr. A. K. Bhargava, Zonal Director, Mumbai Base of Fishery Survey of India retired from his service on Superannuation on 30 September 2015.
- Shri D. M. Ali, Zonal Director, Mormugao Base of Fishery Survey of India retired from service on his Superannuation on 30 September 2015.
- Shri P. Chokkaiah Staff Car Driver Gr-I, Port Blair Base of Fishery Survey of India retired from his service on Superannuation on 30.09.2015 (A.N.).
- Shri G. Appa Rao, MTS (Safaiwala) Visakhapatnam Base of Fishery Survey of India retired from his service on Superannuation on 31.12.2015.
- Smt. V. Nirmala, Office Superintendent of Chennai Base of FSI retired from her service on Superannuation on 31.12.2015.

Obituary

(Dr. V.S. Somavanshi - 21.05.1949 - 17.09.2015)

Dr. V. S. Somavanshi Former Director General of Fishery Survey of India breathed his last in his hometown Latur, Maharashtra on 17 September 2015.



Dr. Somavanshi retired from Govt. Service in May 2009 after serving long innings with the Fishery Survey of India. Dr. Somavanshi was serving extensive for the last 13 years as Director General of the prestigious fisheries Institution of the country. His contribution to our

knowledge of the fishery resources in the Indian Exclusive Economic Zone are highly significant. As an accomplished Fisheries Scientist, Dr. Somavanshi loved his subject and was often passionate about the development of off-shore fisheries in the country. He represented India in many international meetings and organizations, in particularly the Indian Ocean Tuna Commission from its very inception the mid- nineties. From 2004-2009, Dr Somavanshi represented FSI in the Technical Advisory Council of the BOBP-IGO and helped to shape the work of the new IGO.

The Director General (I/C), Officers and Staff of FSI mourned his untimely death on 18 September 2015 at a condolence meeting held at FSI Mumbai (HQ).