



Indian Council of
Forestry Research
and Education

ICFRE NEWSLETTER

Inauguration of

Silviculture Museum's Gallery

Sh. Siddhanta Das, Director General of Forests and Special Secretary, MOEF&CC, inaugurated the renovated Silviculture Museum Gallery of Forest Research Institute, Dehradun on 17 December 2018.



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SIGNIFICANT RESEARCH FINDING

Forest Research Institute, Dehradun:

- Under the project "Studies on diversity and host range of hymenopteran egg parasitoids from northern India (Haryana, Uttar Pradesh and Uttarakhand)" ten insect egg samples were collected from different forestry trees i.e. *Tectona grandis*, *Eucalyptus* spp., *Cassia fistula*, *Pongamia pinnata*, *Bauhinia variegata* and *Acacia latifolia*. About fifty specimens of egg parasitoids (Trichogrammatidae, Scelionidae, Eulophidae and Mymaridae) have been recovered from collected samples. The parasitoids were identified as *Aphelinoidea longiclavata*, *Oligosita novisanguinea*, *Trichogramma agriae*, *Ciropilus* sp. and *Neotrichoporoides viridimaculatus*.
- A survey was carried out in Lansdowne Forest Division, Pauri Garhwal district, Uttarakhand during December, 2018.

Sampling on butterflies was carried out on 5 transects in 3C/C2a Moist Shiwalik Sal Forest & 5B/C2 Northern Dry Mixed Deciduous Forest along the Sonanandi WLS. 31 species were sampled by adding 2 new species to the list of 183 species sampled so far. Database on species of butterflies under different forest types was updated by adding food plants. New specimens of butterflies captured during the survey were also stretched, preserved and identified. GIS based map of forest types was generated for Jhilmil Jheel Conservation Reserve, Haridwar district under the project "Butterflies associated with different forest types/sub-types in Uttarakhand".

- Larvae of 5 species of lepidoptera collected from ban oak trees during the surveys were reared for life history studies, from which two species of moths emerged while rest are in pupal and larval stages. Life cycle of cerambycid stem borer, *Xylotrechus basifuliginosus* is being studied within the logs kept in the laboratory & in the field. Information on 12 species of

coleopteran infesting western Himalayan oaks were added to the database on coleopteran under the project “Insect pests of Western Himalayan Oaks and their Control”.

- 828 species of beetles were digitized and about 1800 photographs of these species were edited and stored.

Database was updated for editing species holding data in the database under the project “Digitization and enrichment of National Forest Insect Collection (NFIC) of Forest Research Institute, Phase-II (minute insects)”.

BAMBOO FEST/ KISAN MELA

Institute	Participate/ Organized	Duration	Place
IWST, Bengaluru	Kerala Bamboo Fest – 2018	7-11 December 2018	Ernakulam, Kerala
HFRI, Shimla	Farmers Meet	7 December 2018	Nurpur, Kangra, HP



Farmers Meet
at Nurpur,
Kangra, HP

WORKSHOPS/ SEMINARS/ MEETINGS

S.No.	Topic	Duration	Beneficiaries
Indian Council of Forestry Research and Education, Dehradun			
1.	REDD+ Himalaya project	27 December 2018	-
Institute of Forest Genetics and Tree Breeding, Coimbatore			
2.	Consultative Meeting on “Use of Bio-inoculants in Forestry”	28 December 2018	Subject experts from different Universities of the country, Officials from State Forest Departments, Wood based Industries, Nursery Growers and Progressive Farmers from different parts of Tamil Nadu state

Institute of Wood Science and Technology, Bengaluru

3.	14th National Silviculture Conference	03 December 2018	Forest Department all over India and stakeholders like academicians, students, industrialists, farmers etc.
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Arid Forest Research Institute, Jodhpur

4.	Genetic options for Conservation and making Forest Ecosystems Productive and Climate Resilient	27 December 2018	Scientist, Technical staff and Research Scholar
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Himalayan Forest Research Institute, Shimla

5.	Eco-restoration of mined out areas and wastelands	12 to 14 December 2018	Ward members, Mahila Mandals, Eco Task Force, Gardeners from ITBP, Students and Teachers, NGO's, Media Persons, Panchayat Secretary and officials of BDO Office
6.	Managing forest and forest products for livelihood support and economic growth	28 December 2018	Scientists, officers, research and technical support staff

TRAINING PROGRAMMES

S.No.	Topic	Duration	Beneficiaries
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Institute of Forest Genetics and Tree Breeding, Coimbatore

1.	Bioprospecting and Biopiracy	5 to 7 December 2018	Government Departments viz., Revenue, Academic, Police, Bank, Fire service, Agriculture, Adidravidar & Tribal Welfare, Public Works, Central Public Works, Animal Husbandry, Central Reserve Police, Hindu Religious etc.
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Training on Bioprospecting and Biopiracy at IFGTB, Coimbatore

2.	Characterization of Forest Genetic Resources and its Conservation	18 to 19 December 2018	Forest officers from Ranchi, UG and PG students of Botany, Biotechnology and Biochemistry from different colleges of Coimbatore
3.	Junior Rangers” – Connecting Students with Nature	26-27 December 2018	Students of Kendriya Vidyalaya
4.	Capacity building on the development of Tree Rich Biobooster to Irular tribes	27 December 2018	WSHG members of Irular Tribes



Training on Junior Rangers” – Connecting Students with Nature at Coimbatore



Training on Capacity building on the development of Tree Rich Biobooster to Irular tribes at Singapathy Village, Coimbatore

Institute of Wood Science and Technology, Bengaluru

5.	Sandal wood – Seed handling, nursery and plantation Technology	10-14 December 2018	NGO's, Foresters and Farmers
6.	Wood Protection	17-21 December 2018	Naval Dockyard, Mumbai

Arid Forest Research Institute, Jodhpur

7.	Waste Management under Green Skill Development Program	11 December 2018 - 4 February 2019	Science graduate youth
8.	Integrated Approach for Sustainable Development of Fragile Desert Eco-system	17-21 December 2018	SFD officers

Rain Forest Research Institute, Jorhat

9.	Bamboo Treatment and House Construction	7, 8 and 11 December 2018	Villagers from Barkathal area of West Tripura District
10.	Lac Cultivation and its Processing	11-12 December 2018	Farmers from different district of Arunachal Pradesh

11.	Bamboo Propagation, Nursery and plantation Management, Lac Cultivation and Processing, Agarwood Cultivation and handling of GPS	20-21 December 2018	Frontline staff of Social Forestry Division of Barpeta, Assam
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Institute of Forest Productivity, Ranchi

12.	Bamboo Propagation & Nursery Management, Usages and value addition of Bamboo & Bamboo propagation and plantation techniques	03-04 & 7 December 2018	Trainee Forest Guards, SFD, Jharkhand at Mahilong, Ranchi
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Institute of Forest Biodiversity, Hyderabad

13.	Development of IPM strategy for the economically important tree species <i>Sapindus trifoliatum</i>	26-27 December 2018	Farmers
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AWARENESS AND DEMONSTRATION PROGRAMMES

- Demonstration on research and development activities of RFRI, Jorhat, on Bamboo Propagation, Nursery Management & bamboo preservation techniques, Lac Cultivation, bamboo preservation techniques etc. Demonstration on research and development activities of RFRI, Jorhat, on Bamboo Propagation, Nursery Management, Lac Cultivation and Bamboo preservation techniques etc. on 8 and 10 December 2018. Students from Borholla Gorajan H.S. School, Jorhat and College of Horticulture, Assam Agricultural University, Jorhat participated in the programme.
- IFP, Ranchi organized Environmental Awareness Programme on 3 & 5 December 2018. Teachers & Students of Sacred Mission Uchh Vidyalaya, Nagri, Ranchi and Kendriya Vidyalaya, Dhurwa, Ranchi attended the programme.

POPULARIZING FORESTRY THROUGH DOORDARSHAN

Programme Topic	Channel	Date
Forest Research Institute, Dehradun		
Medicinal Plant of Uttarakhand & its Cultivation	Akashvani, Dehradun	30 December 2018

HR NEWS

Appointment

Sh. M.R. Baloach, IFS, Director, AFRI, Jodhpur 06.12.2018

Repatriation

Dr. Savita, IFS, Director, FRI, Dehradun 21.12.2018
 Sh. Surendra Kumar, IFS, Director, IWST, Bengaluru 21.12.2018
 Sh. M. Srinivasa Rao, IFS, CF, IWST, Bengaluru 29.12.2018

Retirement

Sh. Pramod K. Kukreti, RO, Gd-I, FRI, Dehradun 31.12.2018

Voluntary Retirement

Sh. Anil Kumar Mamgain, Sci- B, FRI, Dehradun 08.12.2018

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Dr. Suresh Gairola, Director General

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