



1st International Training Workshop on **Taxonomy of Bivalve Molluscs**

A lecture series combined with
practical exercises using the local fauna

ITW'01

10-14 May, 2016
Kochi, India

Organiser

Department of Marine Biology,
Microbiology and Biochemistry
School of Marine Sciences
Cochin University of Science and Technology
Kochi- 16, Kerala, India

Co-Organisers

Department of Aquatic Biology and Fisheries
University of Kerala, Kariavattom
Thiruvananthapuram, Kerala, India

In collaboration with

National Museum of Wales, and
School of Ocean Sciences
Bangor University, North Wales, United Kingdom

For correspondence:

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For details visit:

www.cusat.ac.in

www.keralauniversity.ac.in



About the workshop

Phylum Mollusca is the largest group of animals existing today that are distributed in large numbers in marine, estuarine and freshwater habitats. The class Bivalvia in Mollusca is commonly referred to as clams, mussels, cockles, oysters, and scallops. More than 30,000 living species of bivalves have been described from different aquatic systems. Even though records on the taxonomy, distribution and diversity of species are available from different ecosystems, they lack clarity in specific identification characters and descriptions. Moreover species identification especially in the Arabian Sea and associated regions have been inconsistent, such that many ambiguities in bivalve taxonomy remain. The dearth of scientific trained manpower is a serious issue in identifying species. Taking into account this background it was felt necessary by researchers of the Department of Marine Biology, Microbiology and Biochemistry to collaborate with the National Museum of Wales, UK with the aim of increasing regional capacity in the identification of the bivalve fauna. So the proposed workshop is structured on the following goals and objectives.

Goals of the Workshop

- Why taxonomy matters
- Principles and history of zoological nomenclature
- Collections, preservation and maintenance
- Literature sources
- Bivalve form
- Bivalve families
- Molecular analysis
- Functional morphology
- Practical identification skills
- Field craft

Objectives

- A Review of Families
- Lectures on Functional morphology
- Local relevance
- Skill levels

Participant's fee (Limited to 20 participants)

Scientists and faculty: Rs. 8000*

Research scholars and students: Rs. 5000*

International participants: USD 250*

*Selection will be based on the requirement and priorities of the candidate

*Course fee includes teaching materials, food and local field visits for 5 days

Dates to be remembered

Registration will start on **15th December 2015** and closes on **15th April 2016**

Acceptance on the participation will be intimated by **1st March 2016** after which the required fees can be sent, Late registration will be charged additional fee

Kochi

Located on the coast of the Arabian Sea with Kottayam and Alappuzha districts in the south, Idukki in the east and Thrissur in the north, Ernakulam is a booming business metropolis. A fascinating mixture of the old and the new, the district comprises many interesting cities including Kochi (Cochin), the commercial capital of Kerala. One of the finest natural harbours in the world, Kochi, renowned as the 'Queen of the Arabian Sea', was once a major centre for commerce and trade. The British, Arabs, Chinese, Portuguese, Dutch etc., have all come to its shores in search of exotic spices and sandalwood. Even today, Ernakulam continues the tradition of welcoming visitors with its customary warmth and hospitality.

About Organisers

Department of Marine Biology, Microbiology and Biochemistry an integral part of School of Marine Sciences of Cochin University of Science and Technology has started M.Sc. programme in Marine Biology as early as 1958. Over the years Department of Marine Biology has evolved into a pioneer department in the field of Marine Biology in India and made seminal contributions in this field.

Department of Aquatic Biology and Fisheries is affiliated by University of Kerala provides Master degree courses. The Department of Aquatic Biology and Fisheries is one of the oldest teaching-cum-research departments of the University of Kerala, which had its inception way back in 1936 as the Marine Biology Laboratory and Aquarium of the erstwhile Travancore University.

About Collaborates

The National Museum of Wales was founded in 1907 and has become a world class centre for learning. It has a long history of curation and research on the Mollusca specialising in marine Bivalvia and terrestrial faunas. It is especially strong in collections from the Arabian region that date back to the late 19th century. The Natural Sciences Department operates an international loan service of type specimens, identification services and volunteering.

School of Ocean Sciences Bangor University is one of the largest university Marine Science departments in Europe, a multi-disciplinary department located on the shores of the Menai Strait, North Wales, United Kingdom.



Committee Members

Dr. J. Letha (Patron)

Hon'ble Vice Chancellor
Cochin University of Science and Technology

Dr. Graham Oliver Ph.D., FLS, FIBiol, FRGS. (Course Director)

National Museum of Wales and
School of Ocean Sciences , Bangor University, North Wales, United Kingdom

Prof. Dr. Kurian Sajan, The Director, School of Marine Sciences, CUSAT

Prof. Dr. A. N. Balchand, Dean, School of Marine Sciences, CUSAT

Dr. S. Bijoy Nandan (Organising Secretary)

Associate Professor
Department of Marine Biology, Microbiology and Biochemistry
School of Marine Sciences, CUSAT

Dr. Biju Kumar A. (Organising Secretary)

The Head and Associate Professor
Department of Aquatic Biology and Fisheries (DABF), University of Kerala

Mr. Jayachandran P.R. (Associate Organising Secretary)

Project Scientist, Department of Marine Biology, Microbiology and Biochemistry, CUSAT

Dr. K. Sunilkumar Mohamed

The Head and Principal Scientist, Molluscan Fisheries Division, CMFRI, Kochi

Dr. Rosamma Philip

The Head and Associate Professor
Department of Marine Biology, Microbiology and Biochemistry (DMMB)
School of Marine Sciences, CUSAT

Prof. P.K. Abdul Azis, Emeritus Professor, DMMB, CUSAT

Dr. A.A. Mohamed Hatha, Professor, DMMB, CUSAT

Dr. A.V. Saramma, Professor, DMMB, CUSAT

Dr. Aneykutty Joseph, Professor, DMMB, CUSAT

Dr. M. Harikrishnan, Associate Professor, SIF, CUSAT

Dr. Hari Krishnan K., Scientist E-I, The Rajiv Gandhi Centre for Biotechnology, Kerala

Dr. Pramod Kiran R.B., Assistant professor, DABF, University of Kerala

Dr. Manjusha K.P., Assistant professor (on contract), DMMB, CUSAT

Mr. Ravinesh R., Senior Research Scholar, DABF, University of Kerala

Mr. Firoz Ahammed A.A., Seagift, Alappuzha

Mrs. Asha C.V., Senior Research Scholar, DMMB, CUSAT

Mr. Sanu V.F., Senior Research Scholar, DMMB, CUSAT

Ms. Anu P.R., Senior Research Scholar, DMMB, CUSAT

Mr. Don Xavier N.D. Junior Research Scholar, DMMB, CUSAT

Ms. Jima M. Junior Research Scholar, DMMB, CUSAT

Mr. Midhun A.M., Field Assistant, DMMB, CUSAT

1st International Training Workshop on

Taxonomy of Bivalve Molluscs

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REGISTARTION FORM

Name of participant:

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TITLE	SURNAME	FIRST NAME	MIDDLE NAME
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Country:

	State:	City:
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Organization:

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Profession & area of
research interest

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Contact details:

Complete Mailing Address:

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Phone No.

E-mail:

Passport details:
(for international
participants)

Passport Number:	Date of Birth:
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Place of issue:	Date of issue:
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Nationality:	Valid till:
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Gender:	
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Category of participant:
Please tick (✓)

Regular	Researcher	Student
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Particulars of
Registration fee:*

Amount	Receipt No. (In case of cash payment)	Draft No.
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Accommodation
booking:Please tick (✓)

Required:	Not Required:
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Expecting benefits
from the workshop

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Date:

Place:

Participant's Signature

On receipt of the acceptance of participation in the training workshop the selected candidates need to sent the registration fee as Cheque or DD in favour of Organising Secretary, ITW'01 and Payable at State Bank of Travancore, Broadway Branch, Ernakulum (AC.No.67100912325)

It should be addressed to:

Dr. S. Bijoy Nandan, Organising Secretary,ITW'01, 2016 and Associate Professor

Department of Marine Biology, Microbiology and Biochemistry
School of Marine Sciences, Cochin University of Science and Technology, Kochi- 16, Kerala, India



