

ANNUAL REPORT
(2003-2004)
NATIONAL BIODIVERSITY AUTHORITY



**475, 9th South Cross Street
Kapaleeswarnagar
Neelankarai
Chennai 600 041
Telefax: 044-24491390**

CONTENTS

Introduction	3
Official Members	5
Non-Official Members	6
Budget proposed for the year 2003-2004	8
Expenditure incurred during 2003-2004	11
Major purchases made for national biodiversity authority office (2003-2004)	12
Meetings	13
Minutes of the first meeting of the National Biodiversity Authority with official members	17
Establishment	20
Visits of Personnel to the National Biodiversity Authority, Chennai And discussions held	21
Applications received for accessing bioresources and action taken	22
Gazette Notifications Of National Biodiversity Authority	24
Other activities	25
Future Plans	26
Proposal for database on National Biodiversity of India	29



Ornamental Queen shell (*Cypraeacassis rufa*) from Andaman

NATIONAL BIODIVERSITY AUTHORITY

ANNUAL REPORT (2003-2004)

INTRODUCTION

Biodiversity encompasses the variety of all life on earth. India is one of the 12 mega-diverse countries of the world. With only 2.5% of the land area, India already accounts for 7.8% of the global recorded species. India is also rich in traditional and indigenous knowledge, both coded and informal.

India is a Party to the Convention on Biological Diversity (1992) whose main objectives are: a) Conservation of biological diversity, b) Sustainable use of its components, c) Fair and equitable sharing of benefits arising out of utilization of genetic resources.

Recognizing the sovereign rights of States to use their own biological resources, the Convention expects the Parties to facilitate access to genetic resources by other Parties subject to top national legislation and on mutually agreed upon terms (Article 3 and 15 of CBD). Article 8(j) of the Convention on Biological Diversity recognizes contributions of local and indigenous communities to the conservation and sustainable utilization of biological resources through traditional knowledge, practices and innovations and provides for equitable sharing of benefits with such people arising from the utilization of their knowledge, practices and innovations.

Biodiversity is a multi-disciplinary subject involving diverse activities and actions. The stakeholders in biological diversity include the Central Government, State Governments institutions of local self-governmental organizations, industry, etc. One of the major challenges before India lies in adopting an instrument, which helps realize the objectives of equitable sharing of benefits enshrined in the Convention on Biological Diversity.

After an extensive and intensive consultation process involving the stakeholders, the Central Government has brought a legislation through the Biological Diversity Act, 2002, with the following salient features:- i. To regulate access to biological arising out of the use of biological resources; and associated knowledge relating to biological resources; ii. To conserve and sustainably use biological diversity; iii. To respect and protect knowledge of local communities related to biodiversity; iv. To secure sharing of benefits with local people as conservers of biological resources and holders of knowledge and information relating to the use of biological resources; v. Conservation and development of areas of importance from the standpoint of biological diversity by declaring them as biological diversity heritage sites; vi. Protection and



rehabilitation of threatened species; vii. Involvement of institutions of state government in the broad scheme of the implementation of the Biological Diversity Act through constitution of committees.

The National Biodiversity Authority primarily addresses the issue concerning access to genetic resources and associated knowledge by foreign individuals, institutions or companies and equitable sharing of benefits arising out of the use of these resources and knowledge to the country and the people.

The National Biodiversity Authority primarily deals with matters relating to requests for access by foreign individuals, institutions or companies and all matters relating to transfer of results of research to any foreigner; imposition of terms and conditions to secure equitable sharing of benefits and approval for seeking any form of Intellectual Property Rights (IPRs) in or outside India for an invention based on research or information pertaining to a biological resource obtained from India. The National Biodiversity Authority also facilitates to set up Biodiversity Funds at Central, State and local levels. The monetary benefits, fees and royalties received as a result of approvals by the National Biodiversity Authority will be deposited in National Biodiversity Fund. This Fund will be used for conservation and development of areas from where resources have been accessed. Keeping this in view, the National Biodiversity Authority was set up at Chennai in July 2003.



Seahorse protected under law

Shri Vishwanath Anand, Vice-Chairperson, National Environment Appellate Authority has assumed charge as **Chairperson** of the National Biodiversity Authority on afternoon of 15th July, 2003.

Dr. K. Venkataraman, Scientist E and Officer-in-Charge, Marine Biological Station, Zoological Survey of India, Chennai has taken additional charge as **Member Secretary** on 24th July 2003.

Office has been set up at 475, 9th South Cross Street, Kapaleeswar Nagar, Neelankarai, Chennai 600 041 from 1.8.2003. Funds for the National Biodiversity Authority was received on 20th October 2003 from the Ministry of Environment & Forest, Government of India, New Delhi and deposited in the National Biodiversity Authority account on 8th Nov. 2003.

NATIONAL BIODIVERSITY AUTHORITY
--

OFFICIAL AND NON-OFFICIAL MEMBERS

CHAIRPERSON

Shri Vishwanath Anand

Chair Person, (Officiating Charge)
National Biodiversity Authority,
Gate No 31, Jawaharlal Nehru Stadium
New Delhi – 110 003

MEMBER SECRETARY

Dr.K.Venkataraman

Member Secretary (Officiating Charge)
Scientist E and Officer in Charge
Marine Biological Station
Zoological Survey of India
130, Santhome High Road,
Chennai 600 028
Telefax: 091 44 2642680
Cell: 94440181146

A. OFFICIAL MEMBERS

The Joint Secretary (Shri S. Chatterjee, Shastri Bhavan, Dr. Rajendra Prasad Road, New Delhi-110001)

Ministry of Tribal Affairs
Shastri Bhavan
New Delhi-110001

The Additional Director General (Forests)

Ministry of Environment & Forests
Paryavaran Bhavan
CGO Complex, Lodhi Road
New Delhi-110003

The Joint Secretary, (Shri D.D. Verma, Joint Secretary (CS), MoE&F, New Delhi-110003)

Ministry of Environment & Forests
Paryavaran Bhavan
CGO Complex, Lodhi Road
New Delhi-110003

The Additional Secretary to Government of India, (Smt. Shashi Misra)

Ministry of Agriculture
Deptt. of Agricultural Research and Education
Krishi Bhavan, Dr. Rajendra Prasad Road

New Delhi – 110001.

Shri U.N. Behara,

Joint Secretary
Department of Biotechnology
CGO Complex, Block No.2
Lodhi Road, New Delhi – 110001

Dr. S.P. Seth,

Joint Secretary
Department of Ocean Technology
Mahasagar Bhavan
Block No.12, CGO Complex
Lodhi Road, New Delhi – 110001

Shri Satish Chandra,

Joint Secretary
Ministry of Agriculture
Department of Agriculture and Cooperation
Krishi Bhavan, Dr. Rajendra Prasad Road
New Delhi – 110001

Shri Tara Dutt,

Joint Secretary to Govt. of India
Department of Indian Systems of Medicine and Homeopathy
Room No.220, Red Cross Building
Parliament Street, New Delhi-110001

The Joint Secretary to Govt. of India, (Dr. Hari Gopal, Advisor, Department of Science and Technology)

Department of Science and Technology
Technology Bhavan, New Mehrauli Road
New Delhi

Shri Sudhir Kumar,

Joint Secretary to Government of India
Ministry of Science and Technology
Technology Bhavan, New Mehrauli Road
New Delhi – 110001

NON-OFFICIAL MEMBERS

Prof. Raghvender Gadagkar

Center for Biological Science
Indian Institute of Science
Bangalore 560 012

Prof. Anil Gupta

Indian Institute of Management

Vastrapur
Ahmedabad – 380 001

Dr. P. Pushpangadan,

Director
National Botanical Research Institute
Rana Pratap Marg
Lucknow – 226 001

Prof. L. Kannan

Director Research,
Centre for Advanced Study in Marine Biology
Annamalai University
Parangi Pettai – 608 502
Tamil Nadu

Dr A. K. Ghosh

Director
Centre for Environment and Development
329, Jodhpur Park
Kolkata 700 068.



A common ornamental Top shell (*Trochus radiatus*)

BUDGET PROPOSED FOR THE YEAR 2003-2004

STATEMENT SHOWING THE BUDGETARY REQUIREMENT PROPOSED FOR THE FINANCIAL YEAR 2003-04 FOR SETTING UP OF NATIONAL BIODIVERSITY AUTHORITY, at 475, 9th South Cross Street, Kapaleeshwar Nagar, Chennai-600 041.

A. SUMMARY

S.No.	DETAILED SUB-HEADS	Amount Rs.
1.	Office Expenses (Non-recurring)	23,72,000
2.	Office Expenses (Recurring)	4,05,000
3.	Wages	1,20,000
4.	Website	1,60,000
5.	Computer	15,55,000
6.	Rent/Rates/Taxes	5,53,000
7.	Other Office Equipments	2,40,000
8.	Traveling Expenses (for holding meetings, etc)	5,00,000
9.	Other contingencies	12,95,000
10.	Inaugural function of N.B.A.	4,00,000
11.	Library (Books and periodicals)	4,00,000
		TOTAL= 80,00,000

B. DETAILED BUDGET

1. OFFICE EXPENSES (Non-recurring)

1.	Cost of Office Car and a Jeep (One each)	10,00,000
2.	Office Furniture, Wooden partitions for staff etc.,	3,50,000
3.	Installation of telephones (6 nos.)	60,000
4.	Godrej almirahs (7 nos.)	70,000
5.	Installation of intercom	1,00,000
6.	Fax machine (2 nos.) (One to Chairman and One to Secretary)	50,000
7.	Filing cabinets (5 nos.)	25,000
8.	Glass door book shelves (4 nos.)	32,000
9.	Xerox machine – multiple Copier and colour (One)	3,00,000
10.	Xerox machine (table top) – one no.	1,00,000
11.	Refrigerators (2 nos.)	30,000
12.	Cash chest (One)	25,000
13.	Water coolers (2 nos.)	30,000
14.	Air-conditioners (split A.C) 1.5 tones – 5 nos.	2,00,000
		TOTAL= 23,72,000

2. OFFICE EXPENSES (Recurring)

1.	Payment of telephone charges (Eight months)	60,000
2.	Electricity charges for the office @ Rs. 10, 000/- p.m.	80,000
3.	Petrol/oil for office vehicles @ Rs. 20, 000/- for 2 vehicles	1,60,000
4.	Up-keep and maintenance of office vehicles (Seat cover, service and	50,000

other miscellaneous expenses)	
5. Stationery/forms (Registers, etc.)	35,000
6. Computer stationery	10,000
7. Xerox papers	10,000
Total	4,05,000
3. WAGES (*On contract basis.)	
1. Security Guard* (3 nos., 8 h/day) @ Rs. 3,000/-each per month	72,000
2. Sweeper* (one) @ Rs. 3 000/-each	24,000
3. Gardener* (One) @ Rs. 3,000/- each	24,000
	TOTAL= 1,20,000
4. WEBSITE	
1. Website creation	1,00,000
2. E mail	10,000
3. Internet ISDN Connectivity charges	50,000
	TOTAL= 1,60,000
5. COMPUTER	
1. Lap tap (2 nos.)	2,00,000
2. L.C.D. Projector	2,50,000
3. Compaq server	1,00,000
4. Samsung monitor (20" one number)	30,000
5. Personal computer (5 nos.) (HP, P4, 20 GB)	2,00,000
6. Scanner (4 nos.) (Latest)	1,00,000
7. HP Laser printer (5 nos.) (Latest model)	1,00,000
8. HP Laser colour printer (One)	1,00,000
9. ISDN line including connectivity charges (For inter net)	1,00,000
10. HUB (for connecting to the server)	50,000
11. UPS 1000 K. Watts (5 nos.)	1,25,000
12. Software for computers (Win 2000, Photo shop, MS Office etc.,)	2,00,000
	TOTAL= 15,55,000
6. RENT/RATES/TAXES	
1. Hiring of office building @ Rs. 69,045/- p.m. (8 months)	5,53,000
7. OTHER OFFICE EQUIPMENTS	
1. Overhead Projector	50,000
2. Slide Projector	50,000
3. Television/VCR	30,000
4. VCD Player	10,000
5. Digital camera (Sony)	1,00,000
	TOTAL=2,40,000
8. TRAVELING EXPENSES	
1. For conducting meeting of the members of NBA (for framing rules and approval of various activities)	5,00,000
	TOTAL=5,00,000
9. CONTINGENCIES	
1. Miscellaneous expenses (items not included in any of the above heads)	12,95,000
	TOTAL=12,95,000
10. INAUGURAL FUNCTION OF NBA	

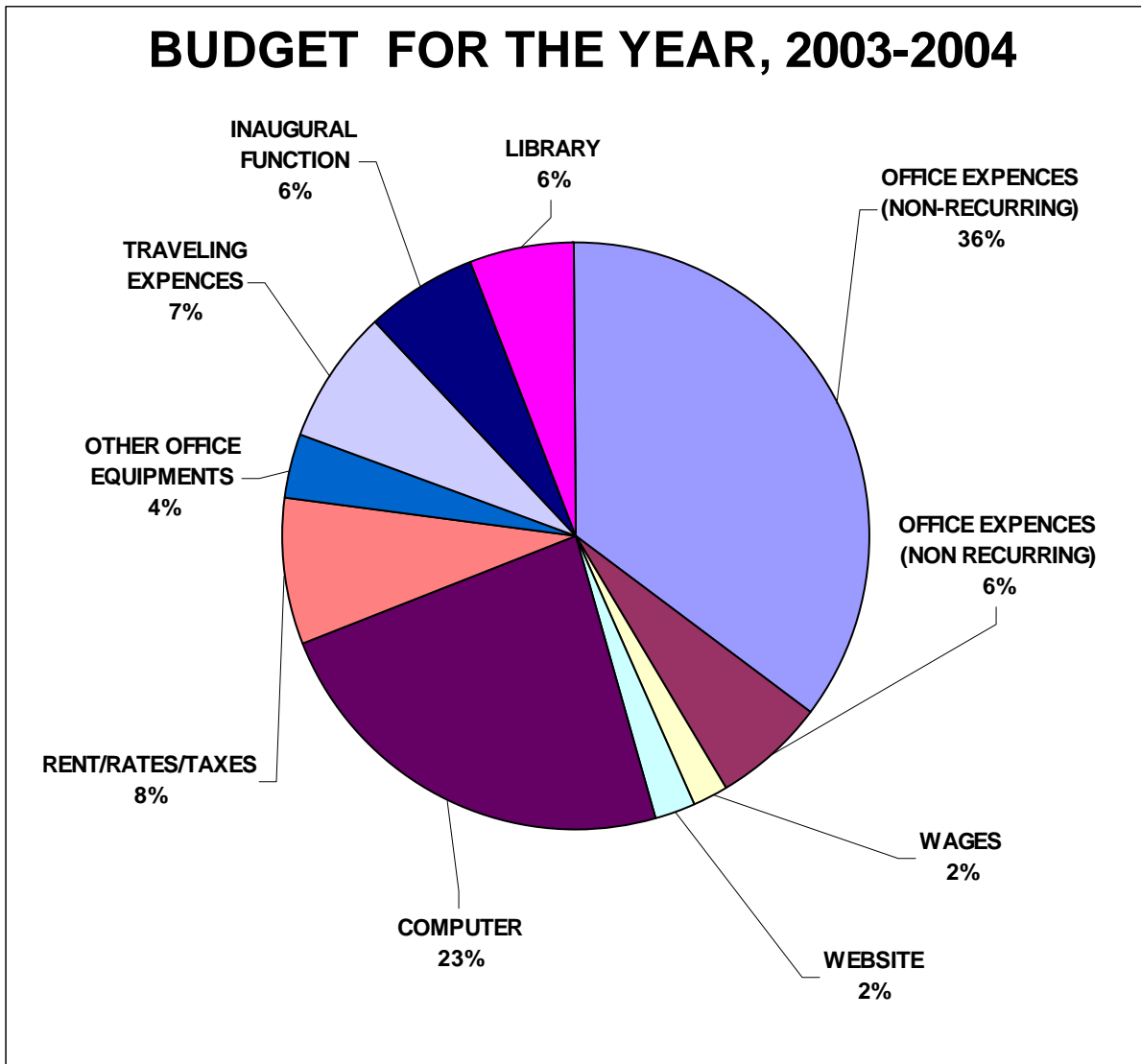
1. Organizational expenses for conducting inaugural function of the NBA 4,00,000

TOTAL=4,00,000

11. Library (Books and Periodicals)

1. Purchase of Library Books and Periodicals 4,00,000

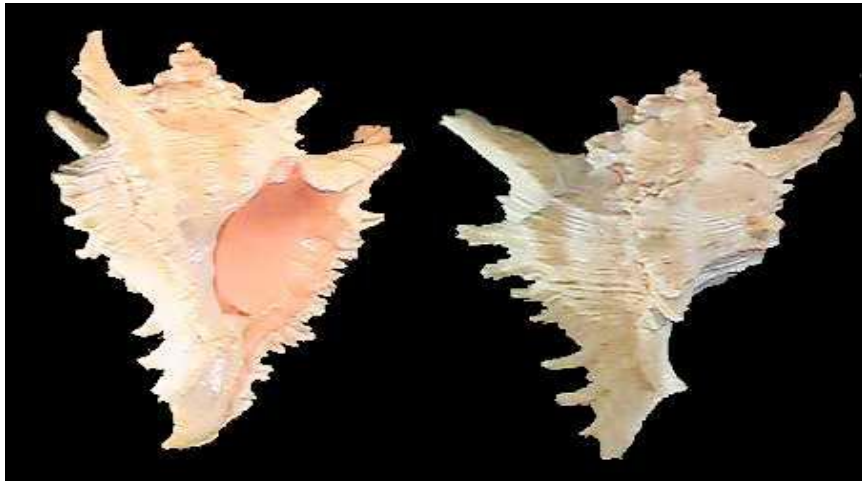
TOTAL=4,00,000



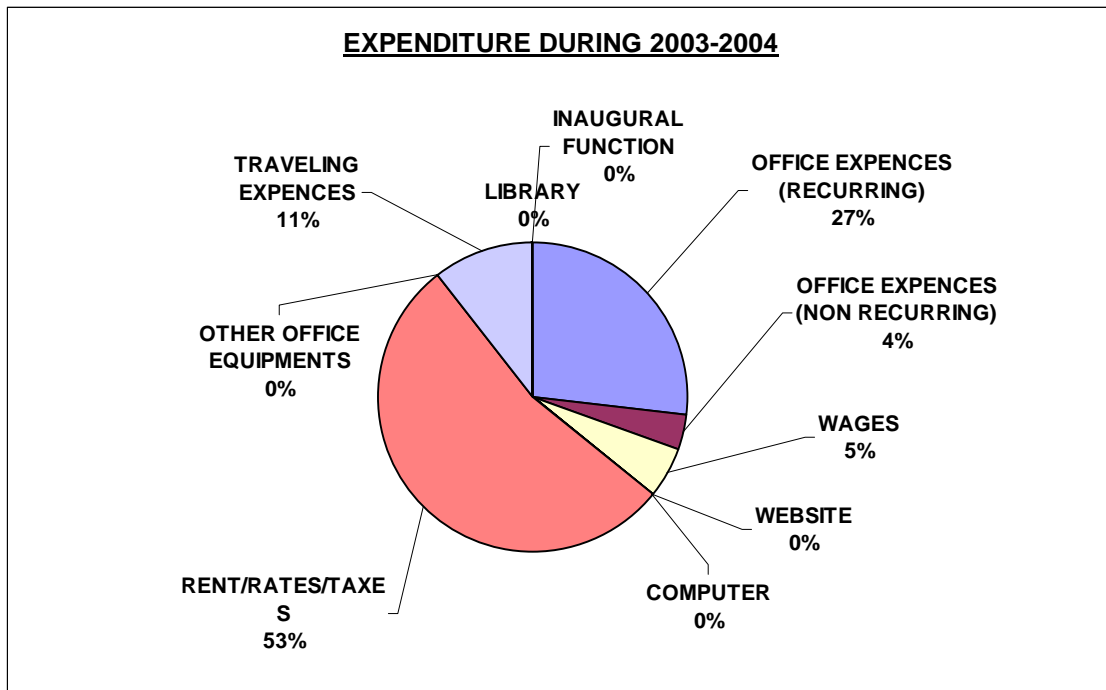
EXPENDITURE INCURRED DURING 2003-2004
--

Actual Expenditure Statement as of MARCH 2004

	OE (Non-recurring)	OE (Recurring)	Wages	Website & Computer	Rent/Rates/Taxes	Other Office Equipments	Travelling Expenses	Other contingencies	Inaugural function of NBA	Library	Total
Sanctioned Budget Grant for 2003-04	23,72,000	4,05,000	1,20,000	17,15,000	5,53,000	2,40,000	5,00,000	12,95,000	4,00,000	4,00,000	80,00,000
Expenditure total upto March 2004	2,42,918	33,153	47,635	-	4,83,315	-	96,493	14,275	-	-	9,17,789
Balance	21,29,082	3,71,847	72,365	17,15,000	69,685	2,40,000	4,03,507	12,80,725	4,00,000	4,00,000	70,82,211



Chicoreus ramosus , ornamental shell from Gulf of Mannar



MAJOR PURCHASES MADE FOR NATIONAL BIODIVERSITY AUTHORITY OFFICE DURING 2003-2004

1. BSNL TELEPHONE CONNECTIONS (Phone No: 091 44 24491390)
2. FAX MACHINE
3. PHOTOCOPYING MACHINE
4. FURNITURE (2 TABLES AND 4 CHAIRS)
5. FILING CABINET, CASH CHEST etc.,
6. NAME BOARD FOR THE OFFICE

MEETINGS

Dr. K. Venkataraman, Member Secretary, NBA attended meetings in connection with the setting up of National Biodiversity Authority at Chennai as detailed below:

i. Meeting with the Joint Secretary (CS), Ministry of Environment and Forests, New Delhi on 28th JULY 2003.

1. Lease agreement finalization for the hiring of building at Neelankarai, Chennai.
2. Opening of Bank Account in the nearby Nationalized Bank.
3. Budget proposal for the National Biodiversity Authority, Chennai.
4. Visit to Chennai on 5th August to discuss the finalisation of Inauguration using the neighboring vacant plot.
5. Name Board for the National Biodiversity Authority
6. Finalization of purchase of office materials such as computers, furniture, air conditioners etc.,
7. Notification of National Biodiversity Authority in the official Gazette.
8. Report to the Minister for Environment Forest at Chennai.
9. Posting of admin. staff for the National Biodiversity Authority on loan basis from ZSI and BSI.

ii. Meeting with the Secretary, Ministry of Environment and Forests, New Delhi on 28th JULY 2003.

1. Setting up of NBA at Chennai.
2. Inauguration of NBA at Chennai

iii. MEETING WITH THE CHAIRMAN, NATIONAL BIODIVERSITY AUTHORITY, CHENNAI on 28th JULY 2003.

1. Lease agreement finalization for the hiring of building at Neelankarai, Chennai.
2. Opening of Bank Account in the nearby Nationalized Bank.
3. Budget proposal for the NBA, Chennai.
4. Visit to Chennai on 5th August to discuss the finalisation of Inauguration using the neighboring vacant plot.
5. Name Board for the NBA
6. Finalization of purchase of office materials such as computers, furniture, air conditioners etc.,
7. Notification of NBA in the official Gazette.

d) WORK COMPLETED TILL MARCH 2004.

1. Lease agreement for hiring the Office building for NBA was made with the approval of the Chairman, NBA and the NBA took possession of the premises to set up the NBA office on 1st Aug 2003.

2. Opening of Bank Account in the favour of NBA was made in the BANK OF MAHARASTRA, Neelankarai Branch, Chennai.
3. Joint Secretary MoEF visited NBA Office, Chennai on **5th Aug 2003** to discuss the setting up of office of NBA.
4. Budget for the year 2003-04 was proposed to run the NBA Office in consultation with the Chairman, NBA and J. S. (CS), MoEF.
5. Discussion was held with Joint Secretary (CS), MoEF, New Delhi to purchase the necessary items to set up the NBA office.
6. Order was passed for posting administrative staff for running the office of NBA on loan basis from ZSI and BSI by the MoEF, New Delhi.
7. Letters were written to the Directors of **ZSI & BSI** on 4.08.03 to depute administrative staff to National Biodiversity Authority, Chennai on loan basis.
8. Visited New Delhi on 11th and 12th August, 2003 and discussed with the Chairman, NBA and Joint Secretary, (CS) about the notification of NBA and the notification on the powers of the Chairman to set up the Authority at the earliest.
9. Draft notifications were prepared alongwith Dr R.K. Rai, Addl. Director, MoEF and submitted for approval to the Joint Secretary (CS) and the Law Ministry for gazette notification on 12.8.2003.
10. Budget proposal for the year 2003-2004 was submitted with the approval of the Chairman, NBA to the Ministry of Environment and Forests for financial sanction through Dr R. K. Rai, Additional Director and Joint Secretary (CS) on 12.8.2003.
11. Project Manager, National Building Construction Corporation (NBCC) was contacted for interior decoration, furnishing and air-conditioning of the NBA office at Chennai and the NBCC agreed to take up the work.
12. Chairman, NBA visited Chennai on 21st August 2003 to inspect the office premises and held discussions with the Project Manager, NBCC for interior decoration, furnishing and air-conditioning of office.
13. A total of 10 staff from various departments such as ZSI, Chennai (5 staff), BSI Kolkata (one Staff) and Coimbatore (one staff) and IPITRI, Bangalore (two staff) were ordered by MoEF to join NBA on loan basis and only one peon joined NBA, Chennai on 1.9.03.
14. Comments given by various persons like Dr. M. S. Swaminathan, Shri Ashish Kotari and MoEF on the rules for the NBA were tabulated with the help of Dr. Sarat Babu on 12.08.03 at MoEF, New Delhi. It was decided on 11 and 12th August 2003 meeting with the

Chairman, Dr. Sarat Babu and Dr. R.K. Rai and the Secretary that the rules will be notified after placing the draft before the NBA committee.

15. Quote for the security arrangements for the NBA office was finalised and security arrangements were made for the NBA office from 1st Sept. 2003.
16. The NBCC, Chennai were submitted a layout drawing for the interior decoration of NBA office and the Chairman, NBA approved it.
17. Discussions on the purchase and installation of furniture, air conditioners and computers were discussed with the Chairman and NBCC official.
18. The NBCC manager sent a letter regarding the payment of 15% of the total cost as official charges to NBA .When this was referred to the Chairman, he directed the Secretary of NBA to contact the local CPWD officials for portioning and air-conditioning the office.

e) REQUEST FOR CPWD TO UNDERTAKE THE CIVIL AND ELECTRICAL WORKS FOR NBA OFFICE.

1. The local CPWD was requested to undertake civil and electrical works in the NBA office
2. The Executive Engineer Electrical visited the site and his opinion in the form of letter is awaited
3. Received letter from Superintending Engineer, CPWD Civil works for a meeting to discuss about the civil works in the NBA office.

f) THIRD MEETING OF THE MEMBER SECRETARY, NATIONAL BIODIVERSITY AUTHORITY, CHENNAI WITH THE CHAIRPERSON, NBA AT NEW DELHI ON 7.11.03

- i) Planned for a meeting with the official members of NBA at New Delhi on 25th November 2003. Letters to be sent immediately.
- ii) Approval for engaging security persons for the National Biodiversity Authority on 27th Aug. 2003, was given by the Chairman on 28th Aug, 2003.
- iii) Receipt of delegation of powers to the Member Secretary, NBA to open a bank account in favour of NBA and to operate the same.
- iv) Received sanctions for recurring and other expenditures made till 7.11.03.
- v) Discussion on the purchase of relevant office material for the smooth functioning of office.
- vi) Chairman informed the Member Secretary of NBA that there would be finance meeting at New Delhi every month regarding the expenditure incurred for NBA.
- vii) The Chairman informed the Member Secretary NBA to submit a work done report.

g) Miscellaneous

i) Member Secretary, NBA visited Pallikaranai wetland in Chennai city along with a team consisting of Dr. V.S. Vijayan, Director, SACON, Coimbatore, Dr.S.Kaul, Director, MoEF, Dr U. Sridharan, and Mr. K. B. Tandon, Addl. Directors, MoEF, New Delhi and some of the important Tamil Nadu State Government offices to gather information for the report to be submitted to the Ministry of Environment & Forests, New Delhi.

FIRST MEETING OF THE OFFICIAL MEMBERS OF THE NATIONAL BIODIVERSITY AUTHORITY

DATE : 25.11.2003

TIME : 11 h - 14 h

VENUE: Conference Hall of National Environment Appellate Authority, New Delhi.

ATTENDANCE:

CHAIRMAN: Shri Viswanath Ananth

MEMBER SECRETARY: Dr. K. Venkataraman

Members:

Invited persons

Nominees

1. Shri S. Chatterje, J.S. Ministry of Tribal Welfare
2. Addl. Dir. Genl. Forests, MOEF
3. Joint secretary, CS, Ministry of Environment & Forests
4. Smt. Shashi Misra, Addl. Sec. Min of Agri, Agri. Edu.
5. Shri U.N. Bhara, JS, Dept. of Biotech.
6. Dr SP Seth JS, DOD
7. Shri Satish Ch andra, JS, Dept. Agri Coop.
8. Shri Tara Dutt, JS, Indian Syst. Medi. & Homeo.
9. Dr. Hari Gopal, Advisor, (JS Rank), DST
10. Shri Sudhir Kumar JS. DS & Indust. Research

- Dr R M Dubey, Director
Shir Vinod Rish Adl DG
R.K. Rai, Addl. Dir.
Not attended
Dr S Natesh, Advisor
Not attended
Shri Ashish Bahuguna, JS
Dr. S.K. Sharma, Advisor, Aurve.
Not attended
Dr Pushpangadan, Director, NBRI

MINUTES OF THE METING:

1. The Chairman welcomed the members and gave brief introduction about the Biodiversity Act, 2002 (**BDA**). He explained that the Ministry of Environment & Forests was following a stage by stage approach and has notified the provisions of sections 1,2, 8-7, 48, 54, 59, 62-65 of the BDA. He informed that this Section 3, 4, 5 and 6 will be brought into effect after the National Biodiversity Authority (**NBA**) is fully in place with adequate complement of staff and after preparing a well thought out methodology for processing applications including the notification of regulations by the National Biodiversity Authority in consultation with the Central Government as per Section 64 of the Act. He added that prior to this the Central Government would notify the Rules under Section 62 of the Act.
2. The Member Secretary of the National Biodiversity Authority gave a comprehensive presentation on the provisions of the BDA and related International Conventions/Landmarks on Biodiversity.
3. Followed by the presentation on the different sections of the Biodiversity Act the members were requested to express their views on various sections.

4. All the members expressed their views on the determination of benefit sharing out of utilization of bioresources. Dr. P. Pushpangadan, Director, NBRI, Lucknow representing the Department of Scientific and Industrial Research (Shri Sudhir Kuamr JS), mentioned during the discussion that he has done the benefit sharing exercise in one of the villages in India and that can be used as example for making benefit sharing exercise in other areas of the country.

Action: Member Secretary, National Biodiversity Authority to write to Dr Pushpangadan to get the information to be used for further areas if needed.

5. Discussion was held to set up expert committees to be set up by the National Biodiversity Authority as per section 13 (1) and (2) to advise on various issues connected with and those likely to arise after full notification of the Biodiversity Act.

Action: Member Secretary, National Biodiversity Authority to prepare a list of possible nominees and sub -committees for consideration of the National Biodiversity Authority.

6. Discussions was also held about the procedures for applying for approval for biodiversity use for research by various individuals and organizations. At this context the Chairperson, National Biodiversity Authority said that, for example, if a person wants permission for using a tissue sample of snake from the Western Ghats for research, he can apply through the Chief Wildlife Warden of the Forest Department concerned. In case, another person wants to apply for transfer of microbial DNA the person can submit the application through Department of Biotechnology. Likewise if a person wants any plant or animal material for research, he should apply through the ZSI or BSI for approval. For doing so, the procedure for application for approval for research, and for transfer of results should be framed.

Action: Member Secretary, National Biodiversity Authority to prepare the application format with procedures for use of biodiversity for research purposes.

7. It was noted that as the provisions of sections 3,4,5 and 6 of the BDA are to be brought into effect at a subsequent date, the Ministry of Environment and Forests may be requested to deal with the applications so far received by the National Biodiversity Authority, as the latter is not presently legally empowered and administratively not in a position to process them.

Action: Member Secretary, National Biodiversity Authority should take further action in consultation with Dr R. K. Rai Addl. Director (CS) of the Ministry of Environment and Forests (MOEF).

8. The Chairperson suggested that the existing information on the commercial biodiversity, the banned species under different acts for collection and commercial utilization, protected areas wherein the diversity is available, different manufactures in the country registered under Small Scale Industries and others, different exporters of biodiversity products, existing traditional knowledge, and the list of *vaid*s and *hakims* practicing in the country may be compiled from various sources already existing in different departments and Ministries with the help of Research Scholars/Scientists on contract basis. To this effect, a proposal to collate the information in the form of a database containing all information such

as place of availability, distribution, known status of the organism, commercial use etc., may be developed and submitted for sanction.

Action: *Member Secretary, National Biodiversity Authority may prepare a proposal to this effect and execute the work within one year of the acceptance of the proposal.*

9. Some members suggested that in the notification constituting the National Biodiversity Authority, the word “Joint Secretary” of the Ministry concerned has been used. As all the Ministries/Departments do not have the post of Joint Secretaries dealing with the subject of biodiversity, the word could be amended as “Joint Secretary/Equivalent”.

Action: *Member Secretary may take up this case with Dr R. K. Rai, Ministry of Environment & Forests.*

10. Member Secretary of NBA indicated that at present, there was no staff for the NBA office as those deputed by the Ministry of Environment & Forests have not joined from their parent organizations. The National Biodiversity Authority noted that wherever necessary the Member Secretary may, with prior approval of the Chairman, engage suitably qualified personnel on a short term contract basis on the same terms and conditions as applicable to Government Ministries/Departments. The representative of the Ministry of Environment & Forests informed that the issue of deputation of staff joining the National Biodiversity Authority would be pursued at the earliest.
11. The meeting ended with thanks to the Chair.

25.11.2003.
02.12.2003.



Palk Bay – southeast coast of India: Rich in marine biodiversity

ESTABLISHMENT

OFFICE

1. Ms. G. S. Sheeba, Stenographer “D” from the Ministry of Environment & Forests, Chennai joined the National Biodiversity Authority on loan basis w.e.f. 18.09.2003 (FN) in pursuance of Office Order No A20012/2/99-P.II dated the 28th May. 2003 of the Ministry of Environment and Forests, New Delhi.

Proceeded on maternity leave from 8.12. 2003.

2. Shri. K. Srinivasa, Peon from Indian Plywood Industries Research and Training Institute (IPIRTI), Bangalore joined the National Biodiversity Authority, Chennai (FN) in pursuance of letter No. 16-5/03 RT dt. 08.08.2003 from the Ministry of Environment & Forests, New Delhi on 1.09.2003.

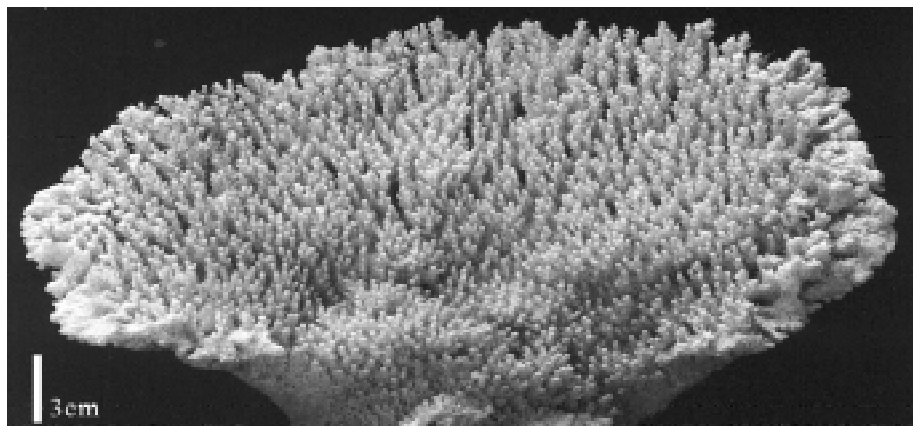
Left National Biodiversity Authority and joined IPIRTI back on 1.11.2003 due to exigencies of work.

SECURITY

Security arrangement for the office was made through a local Security agent (Security persons appointed on contract basis through Madras Security Services, Chennai in September, 2003 as per the government procedures; House keeping person appointed on contract basis through MSS, Chennai from October, 2003)

TRANSPORT

Transport is being arranged by hiring vehicles, as and when required.



Acropora cytherea , table coral found in the Andaman

VISITS OF PERSONNEL TO THE NATIONAL BIODIVERSITY AUTHORITY, CHENNAI AND DISCUSSIONS HELD

CHAIRPERSON National Biodiversity Authority

Shri Vishwanath Anand, Chairman, NBA visited Chennai on **21st August 2003** to inspect the office premises and held discussions with the Project Manager, NBCC for interior decoration, furnishing and air-conditioning of office.

JOINT SECRETARY, Ministry of Environment & Forests, New Delhi

Shri D. D. Verma, Joint Secretary MoEF visited NBA Office, Chennai on **5th Aug 2003** to discuss about setting up of the office of NBA.

DIRECTOR, SACON, COIMBATORE VISIT

Dr. V. S. Vijayan, Director, SACON, Coimbatore visited the NBA Office, Chennai on **5th Aug 2003** along with the Joint Secretary,



Gulf of Mannar: Marine Biodiversity hot spot in India

APPLICATIONS RECEIVED ON BIO-RESOURCES AND ACTION TAKEN
--

APPLICATIONS

1. RESEARCH PROPOSAL FOR SCIENTIFIC COLLABORATION OF NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH (NIPER) (Ministry of Chemicals and Fertilizers, Govt. of India, Sector 67, SAS Nagar (Mohali) 160062, Punjab (India)

with

M/S AVALON, Maryland, United States of America Pharmaceuticals on Genomic screening of Natural products.

2. MOLECULAR ANALYSIS OF PLANT GROWTH PROMOTING ENDOPHYTIC AND RHIZOSPHERIC BACTERIAL DEIVERSITY ASSOCIATED WITH AGRONOMICALLY IMPORTANT GRASSES OF Thar Desert, RAJASTHAN (INDIA) Department of Biotchnology, D. D. U. Gorakhpur University, Gorakhpur

with

Prof A. Hartmann , Professor and Head, Rhizosphere biology div., GSF-Research Centre, Neuherberg, Munich, Germany.

3. Dr John Heraty, Department of Entomology, University of California, Riverside, CA, USA 92521

Requesting Wasps specimen from IARI Campus, New Delhi.

4. Ms. Indra, Herbals India, 83/27-A, Anna Nagar East, Chnnai 600 102 TRANSFER AND EXCHANGE OF BIOLOGICAL MATERIAL

with

JAY HALTH FOODS, SRI LANKA

5. Mr. V. M. Sathish Kumar, Zoological Survey of India, Chennai, requested for Transfer of blood and tissue samples of three snakes from Western Ghats for PhD studies to the University of Bermingham, UK.

6. Ms. Rikako Kimura, Equine Museum of Japan, Kanagawa, Japan requested for hair and blood samples of Indian Wild Ass, the hybrids and local breed of donkey for DNA and Karyotype analysis.

ACTION TAKEN:

These applications were discussed in the first meeting of the official members of National Biodiversity Authority and it was decided that the National Biodiversity Authority cannot take action until the sections such as 3,4,6 are notified



Fish market in the south east coast of India: Vedharanyam, Tamilnadu

GAZETTE NOTIFICATIONS OF NATIONAL BIODIVERSITY AUTHORITY

1. **Notification S.O. 1146(E)** – in exercise of the powers conferred by sub-sections (3) of Section 1 of the Biological Diversity Act 2002 (18 of 2003), the Central Government hereby appoints the 1st day of October, 2003 as the date of which the following section of the said Act shall come into force namely : Section 1 and 2; section 8 to 17 (both inclusive); sections 48,54.59, 62,63,64 and 65 of Biodiversity Act into force w.e.f. 1st October 2003.
2. Notification National Biodiversity Authority w.e.f. 1st October 2003. G.S.R. 779 (E) – in exercise of the powers of conferred by the Sub section (1) read with clause (a) of Subsection (2) of Section 62 of the Biological Diversity Act, 2002 (18 of 2003), the Central Government hereby makes the following rules namely Salary, Allowances and Conditions of Service of Chairpersons and other Members, Rules 2003.
3. **Notification w.e.f. 1Se October 2003.S.O. 1147 (E)** – In exercise of the powers conferred by Sub-sections (1) and (4) of Section 8 of the Biological Diversity Act 2002 (18 of 2003), the Central Government hereby establishes a body to be called the National Biodiversity Authority, on and from the Ist Day of October, 2003 for the purposes of the said Act consisting of the following members. concerning Rules and other terms and conditions in respect to the Chairperson and Members of the National Biodiversity Authority w.e.f. 1st October, 2003.

OTHER ACTIVITIES

1. PREPARATION OF PROPOSAL FOR DATABASE NATIONAL BIODIVERSITY AUTHORITY.
2. FRAMING THE RULES FOR THE RECRUITMENT OF PERSONNEL FOR THE NATIONAL BIODIVERSITY AUTHORITY.



Chicoreus ramosus, an important shell used for ornamental purposes

FUTURE PLANS

GENERAL

1. Recruitment of staff
2. Purchase of land and construction of office building
3. Preparation of a Book on National Biodiversity Authority with act and rules.

TECHNICAL

1. UNDER CHAPTER II OF SECTION 3: REGULATION OF ACCESS TO BIODIVERSITY

CERTAIN PERSONS NOT TO UNDERTAKE BIODIVERSITY RELATED ACTIVITIES WITHOUT APPROVAL OF National Biodiversity Authority.

UNDER 3.1 AND 3.2

- **INVENTORY OF RESEARCH PROJECTS IN INDIA.**

2. UNDER CHAPTER II OF SECTION 4: RESULTS OF **RESEARCH NOT TO BE TRANSFERRED TO CERTAIN PERSONS** WITHOUT APPROVAL OF National Biodiversity Authority.

- **GUIDELINES FOR SUCH PUBLICATIONS.**

3. UNDER CHAPTER II OF SECTION 5: COLLABORATIVE RESEARCH PROJECTS

- **INVENTORY OF COLLABORATIVE PROJECTS IN INDIA FROM VARIOUS MINISTRIES.**

4. UNDER CHAPTER II OF SECTION 6: IPR WITHOUT APPROVAL

SECTION 6.2: National Biodiversity Authority IMPOSE BENEFIT SHARING OR FINANCIAL BENEFITS ARISING OUT OF THE COMMERCIAL UTILIZATION

- **BENEFIT SHARING FEE AND ROYALTY TO BE FIXED**

5. UNDER CHAPTER II OF SECTION 6: IPR WITHOUT APPROVAL

SECTION 6.3. NOR APPLICABLE FOR PLANT VARIETIES ENACTED BY PARLIAMENT.

- **LIST OF PLANT VARIETIES EXEMPTED TO B PUBLISHED.**

6. UNDER CHAPTER III OF SECTION 13: COMMITTEES OF National Biodiversity Authority.

SECTION 13.4 PERSONS APPOINTED TO SUCH COMMITTEES ARE ENTITLED TO RECEIVE TA/DA FIXED BY GOVT. OF INDIA

- **CONSTITUTION OF DIFFERENT COMMITTEES INCLUDING COMMITTEE TO DEAL WITH AGRO - BIODIVERSITY**
- **TA/DA AND SITTING FEE FOR THE MEETINGS**

7. UNDER CHAPTER III OF SECTION 14: OFFICERS AND EMPLOYEES OF National Biodiversity Authority.

- **REGULATIONS OF TERMS AND CONDITIONS OF EMPLOYEES OF National Biodiversity Authority.**

8. UNDER CHAPTER IV OF SECTION 18: FUNCTIONS AND POWERS OF National Biodiversity Authority.

SECTION 18.1 REGULATE ACTIVITIES REFERRED TO IN SECTION 3,4,AND 6 BY REGULATIONS ISSUE GUIDELINES FOR ACCESS TO BIOLOGICAL RESOURCES AND FOR FAIR AND EQUITABLE SHARING.

- **BY REGULATIONS ISSUE GUIDELINES FOR ACCESS TO BIOLOGICAL RESOURCES AND FOR FAIR AND EQUITABLE BENEFIT SHARING**

9. UNDER CHAPTER V OF SECTION 21: DETERMINATION OF EQUITABLE BENEFIT SHARING BY National Biodiversity Authority.

SECTION 21.1 TO 21.4.

- **EQUITABLE BENEFIT SHARING REGULATIONS AND GUIDELINES.**

10. UNDER CHAPTER IX OF SECTION 36: CENTRAL GOVERNMENT TO DEVELOP NATIONAL STRATEGIES PLANS etc. FOR CONSERVATION etc. OF BIODIVERSITY.

SECTION 36.1 TO 36.5.

- **DATABASE ON INVENTORY OF HOTSPOTS, PROTECTED AREAS AND THEIR BIODIVERSITY AS WELL AS THE AVAILABILITY OF COMMERCIAL ORGANISMS.**
- **STRATEGIES FOR RESEARCH, TRAINING AND PUBLIC EDUCATION TO INCREASE AWARENESS.**
- **DOCUMENTATION OF TRADITIONAL KNOWLEDGE AT ALL LEVELS.**

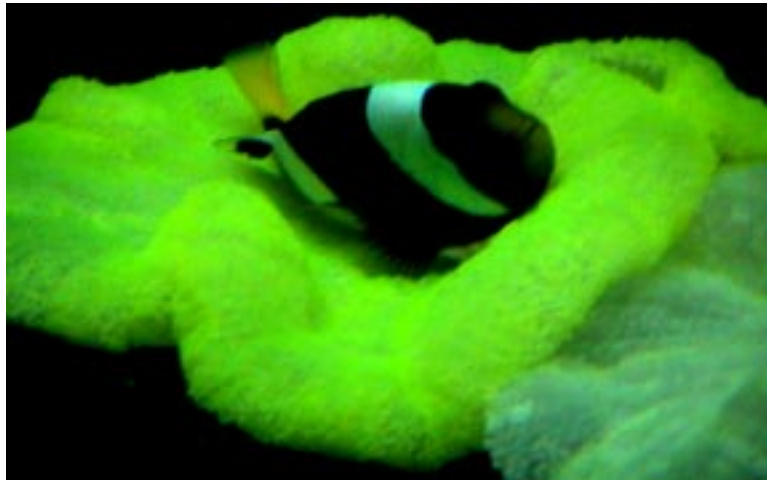
11. UNDER CHAPTER IX OF SECTION 39: CENTRAL GOVERNMENT TO DEVELOP NATIONAL STRATEGIES PLANS etc. FOR CONSERVATION etc. OF BIODIVERSITY.

SECTION 39. POWER OF CENTRAL GOVT. TO DESIGNATE REPOSITORIES.

- **DESIGNATION OF REPOSITORIES OF BIOLOGICAL RESOURCES.**

12. UNDER CHAPTER IX OF SECTION 40: POWER OF CENTRAL GOVT. TO EXEMPT CERTAIN BIORESOURCES.

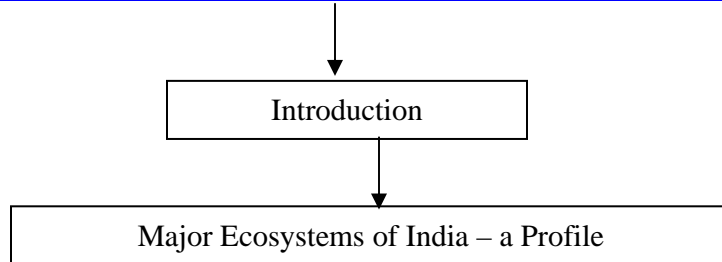
- **DECLARATION OF TRADED COMMODITIES.**



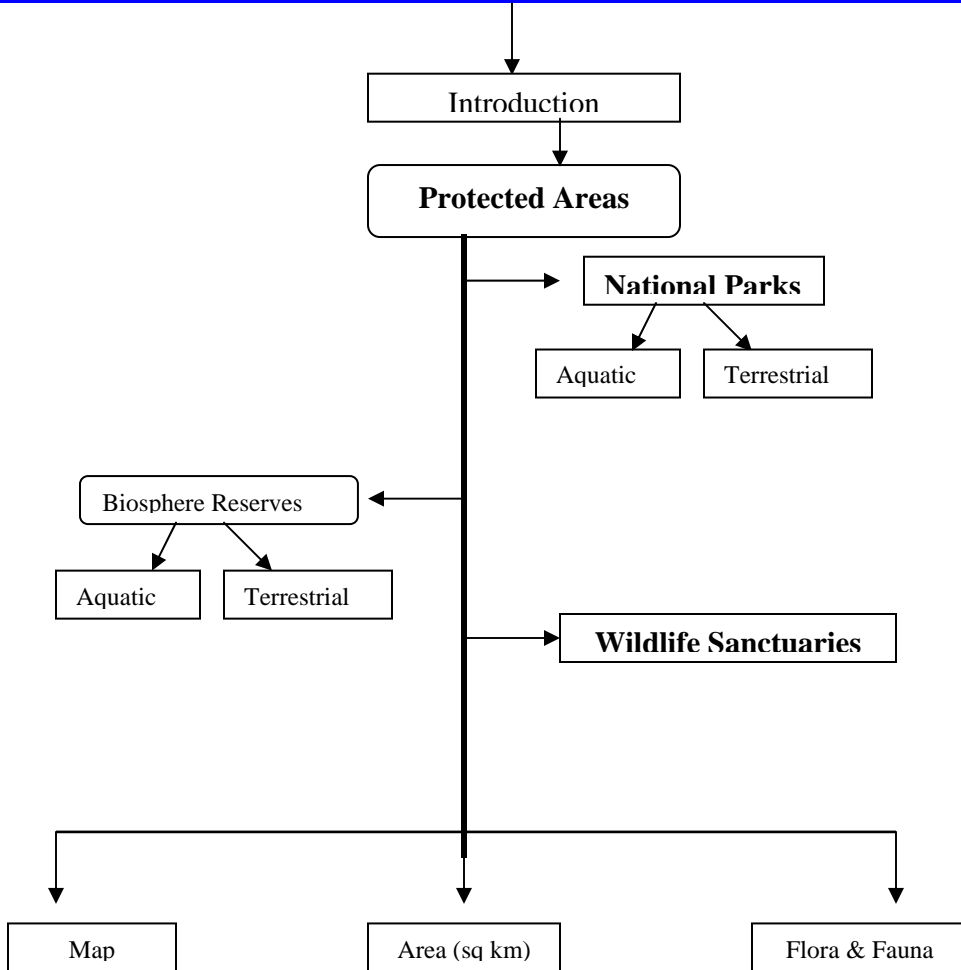
Sea anemone and clown fish of ornamental importance: Gulf of Mannar

NATIONAL BIODIVERSITY OF INDIA
DATABASE PROPOSALS

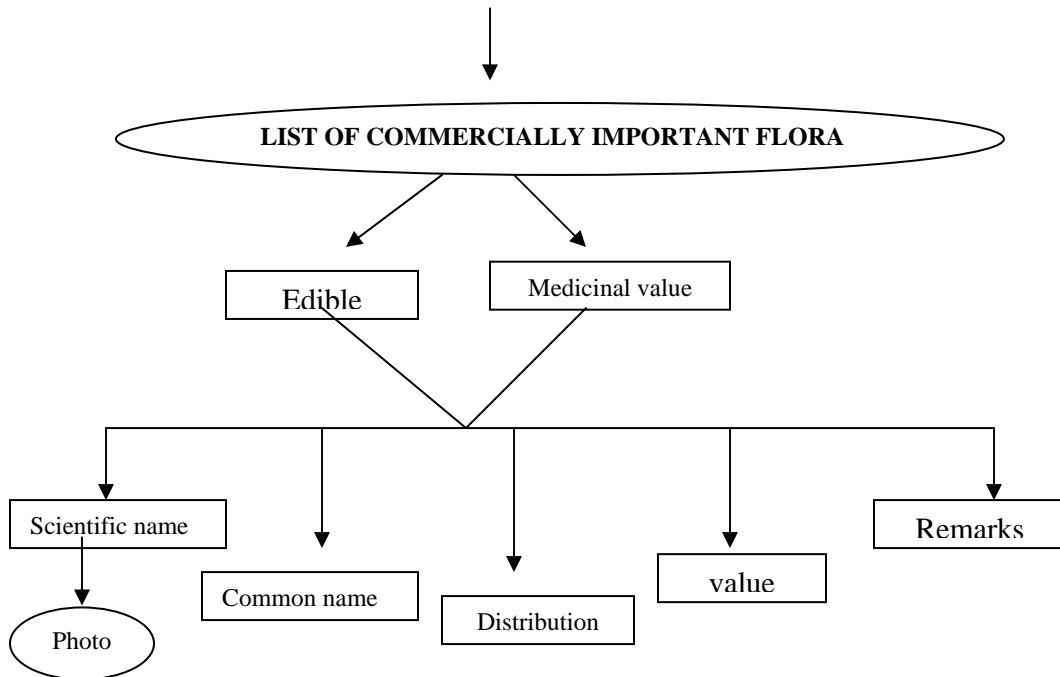
MODULE I: ECOSYSTEMS OF INDIA



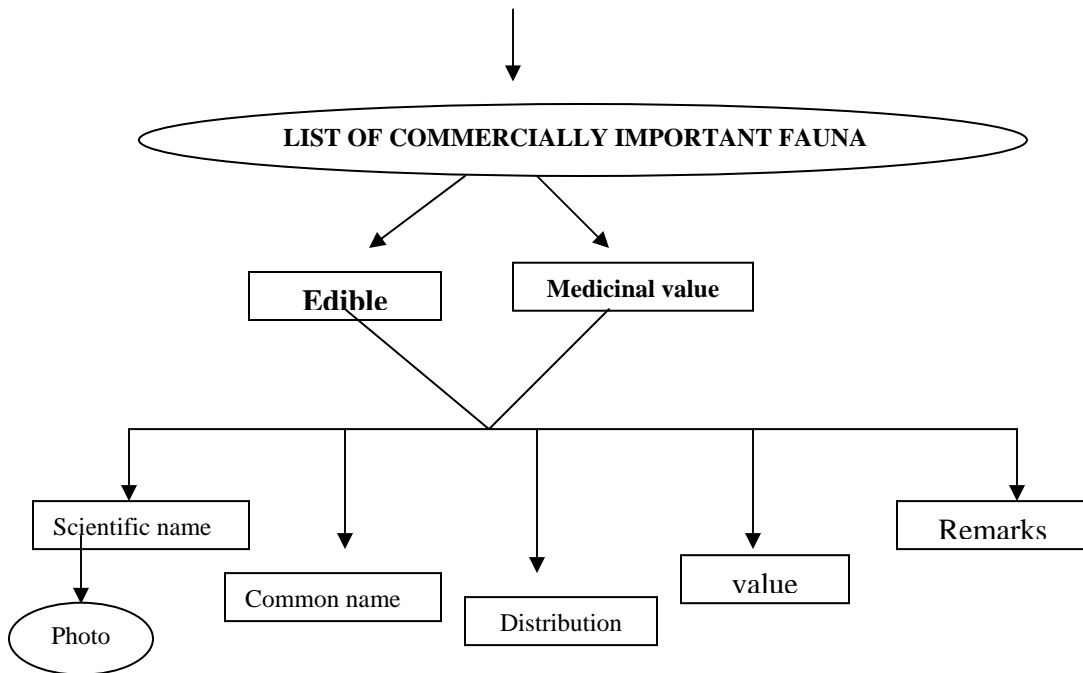
MODULE II: PROTECTED AREAS



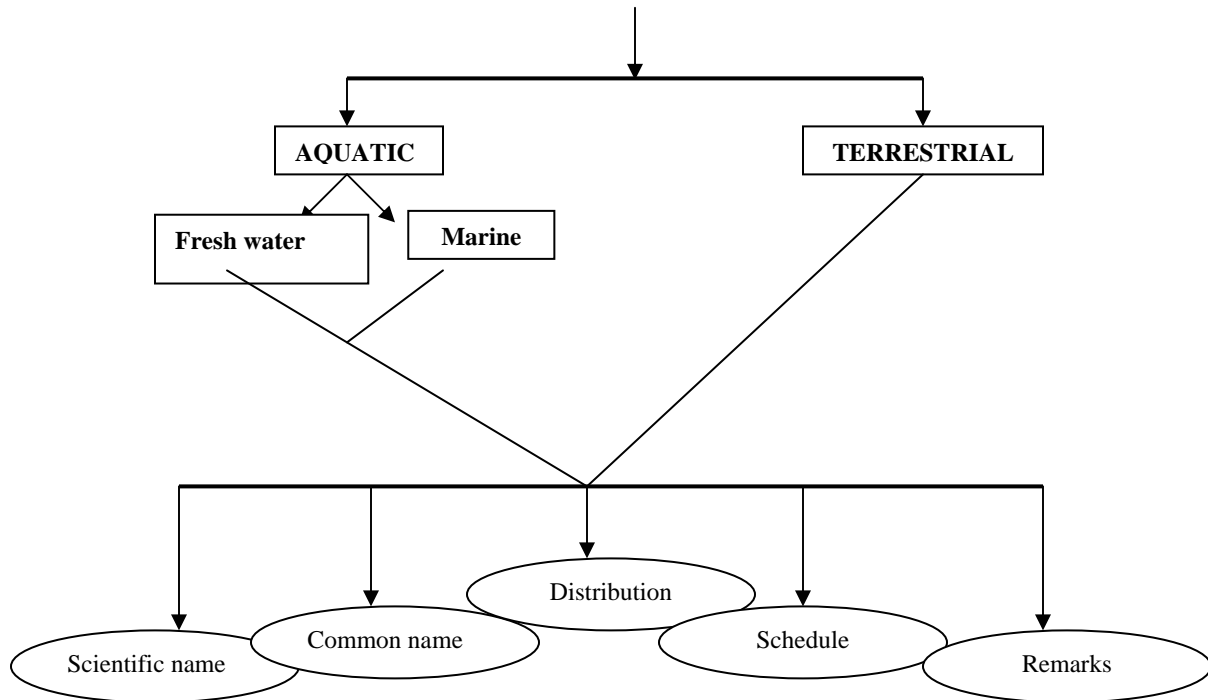
MODULE III: COMMERCIALLY IMPORTANT FLORA OF INDIA



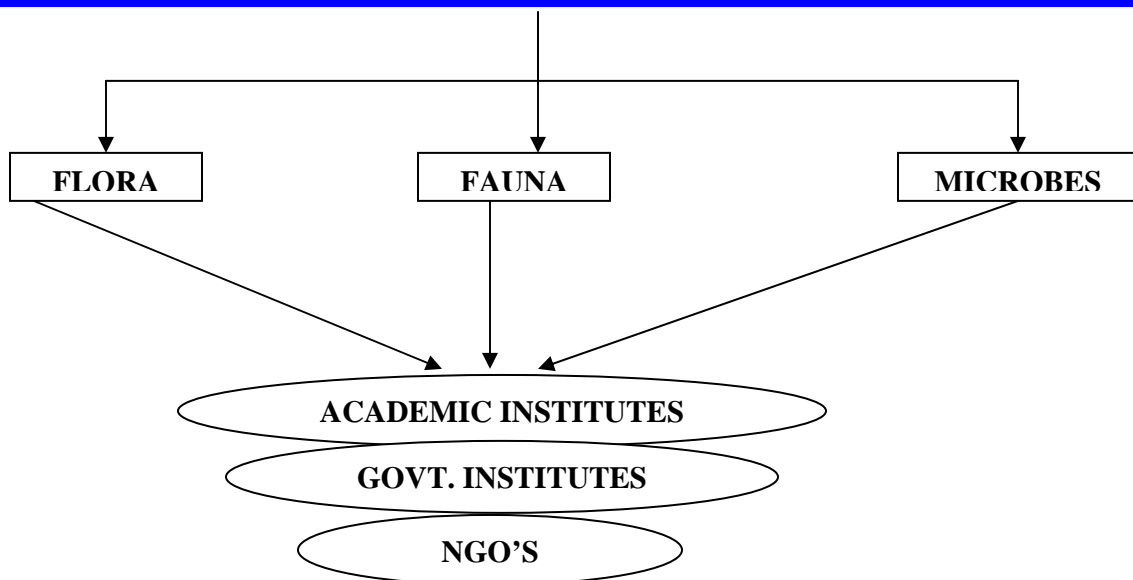
MODULE IV: COMMERCIALLY IMPORTANT FAUNA OF INDIA



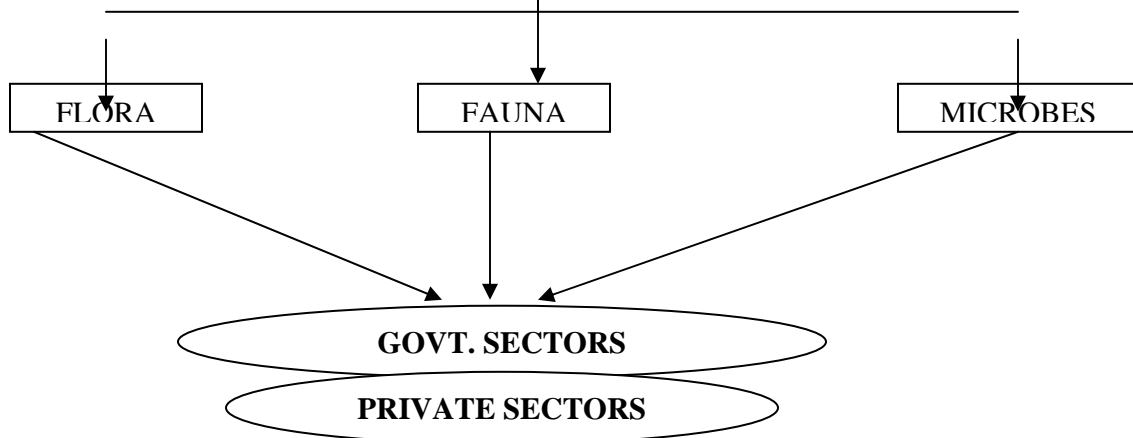
MODULE V: LIST OF SCHEDULE SPECIES [BANNED SPECIES]



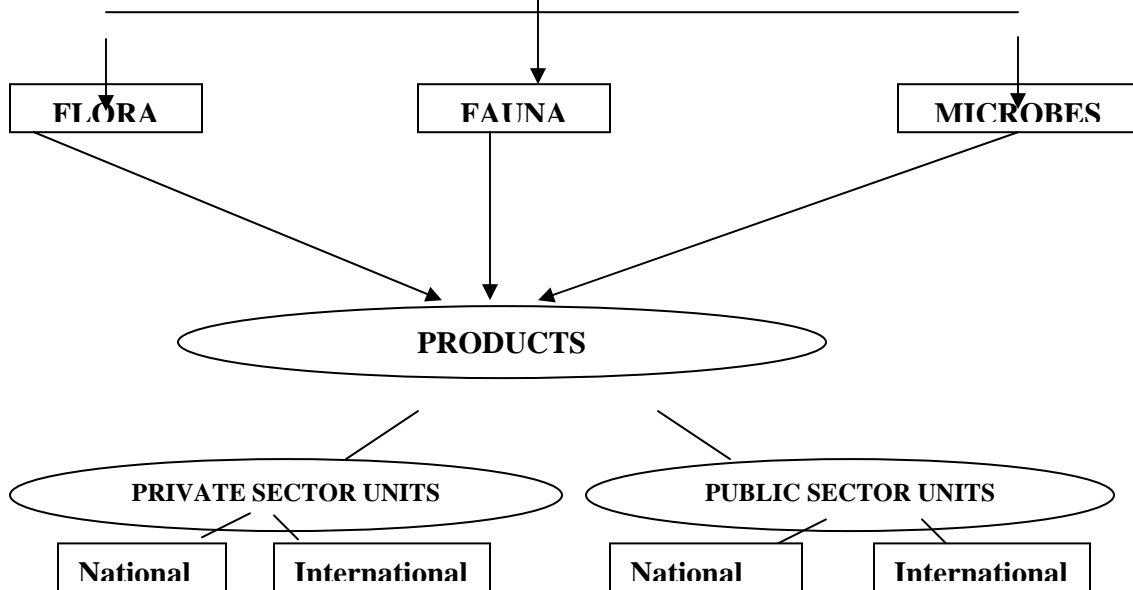
MODULE VI: RESEARCH



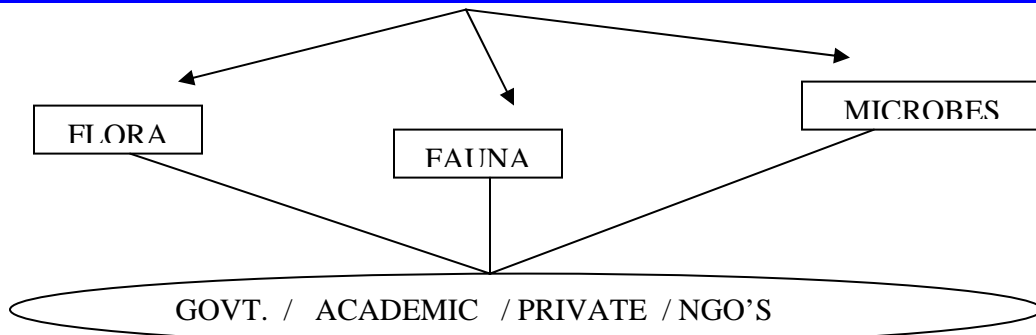
MODULE VII: RESEARCH AND DEVELOPMENT



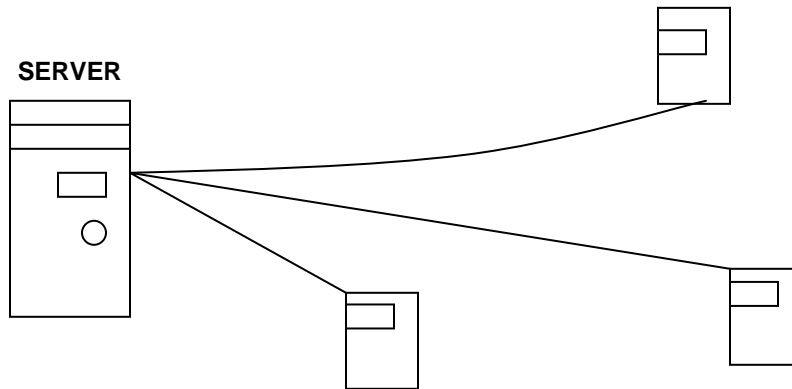
MODULE VIII: MANUFACTURING UNITS



MODULE IX: DIRECTORY OF BIODIVERSITY EXPERTS IN INDIA



MODULE X: LINKING OTHER DATABASES IN THE COUNTRY



MANPOWER, TIME DURATION, MODE OF APPOINTMENT AND TOTAL EXPENDITURE FOR THE ABOVE WORK.

- Manpower Needed:**
1. Programmer (one)
 2. System operator / Technical Assistant (one)
 3. Total expenditure for one year: **Rs. 8500 x 12 months x 2 persons = Rs. 2,04,000/= (Rs. Two lakhs and four thousands only).**

Time Duration : 2 years

Mode of Appointment and Remuneration: Temporary / Consolidated pay



Seacucumber: *Actinopyga mauritiana*

-O-O-O-O-O-O-O-