KARNATAKA BIODIVERSITY BOARD

(Forest, Ecology and Environment Dept.)



21st BOARD MEETING AGENDA

Date: 21/02/2014 Time: 11.00 AM

Venue:

Meeting Hall, Karnataka Forest Development Corporation (KFDC), Ist Floor, Vanavikas, 18th Cross, Malleshwram, Bangalore.

KARNATAKA BIODIVERSITY BOARD 21st BOARD MEETING AGENDA

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Date 21/02/2014 Time: 11:00 AM Venue: KFDC Meeting Hall, First floor, VANAVIKAS, 18th Cross, Malleshwaram, Bangalore - 560003.

A) Reading and recording of 20th Board Meeting held on 22/09/2012

Reading and recording the proceedings of 20^{th} Board Meeting – The proceedings of the 20^{th} Board Meeting held on 22/09/2012 were communicated to all the members. And as there were no comments from the members, the proceeding may be adopted.

B) Discussions and Action taken on 20th Board Meeting proceedings (held on 22.09.2012) Action taken on proceedings of 20th Board Meeting.

Subject: 8/11 – Filling up of staff vacancies in Karnataka Biodiversity Board:

Decision of the 20th Board: It was decided that efforts be made to fill up all the vacancies in the Board. As per the Government order No. FEE17 ENV 2009 Bangalore Dated 03.08.2009, all the Deputy Conservators of Forests (Social Forestry) in addition to their present duties shall act as Nodal Officers and link between Karnataka Biodiversity Board and BMCs. They will attend formation of BMCs and assist KBB in preparation of PBRs and all other activities pertaining to biodiversity and related issues. PCCF agreed to monitor performance of DCFs (SF) as per Government order. Principal Secretary FEE suggested that the Reporting Authority of DCFs (SF) will be asked to make entries in their Annual Performance Report, relating to performance of duties assigned in above mentioned Government order. He further suggested that there should be awareness program for CEOs of ZPs. The Board resolved that these suggestions be implemented.

Action Taken: Since the post of Executive Officer / Deputy Director (ISM&H) and Executive officer/Deputy Director (Agriculture) are vacant. Director of Ayush Department and Department of Agriculture have been requested to depute Deputy Director from their respective Departments.

As per Government sanctioned posts two vacant Executive Assistants posts have been filled up on contract basis. Details are as below:

- 1. Executive Assistant (Botany)
- 2. Executive Assistant (Forestry)

This subject is taken up as new Agenda No. 21/3.

The subject is placed before the Board for information and further action

Subject: 10/1 – Establishment of Dry Zone Biodiversity Conservation site networks.

Decision of the 20th Board: Principal Chief Conservator of Forests (Head of Forest Force) informed the Board that nurseries have been raised in three Circles and progress report from remaining ten Circles will be brought in the next meeting of the Board.

Action Taken: Required RET species seedlings have been raised in all nurseries in the State. (Annexure-1)

This is placed before the Board for information.

Subject - 12/22 - Protection of Mangroves.

Decision of the 20th Board: Principal Chief Conservator of Forests (Head of Forest Force) informed the Board that action will be taken to notify Mangrove patches as protected forests. He promised to furnish draft notifications along with maps before next meeting of the Board.

Action Taken: Member Secretary, Karnataka Biodiversity Board has called on Principal Chief Conservator of Forests who has authorized him to directly take the stock of situation of Mangroves from APCCF (Development) and Four Deputy Conservators of Forests posted in the Coastal Districts. After discussion, it is found that Mangrove patches are found in Private Land, Forest Land and other Government Land. Some of the Mangrove patches are on the land which is not having any survey number.

MoEF, GoI has issued the guidelines for implementing various activities and regulating the Mangrove. Such Mangroves are covered under slew of regulatory provisions. Such patches of Mangrove are deemed forest and separate notification may not add special protection measures.

All such patches of Mangrove are included in the beat of concerned jurisdictional guard who looks after the part of forest. (Annexure -1-(a)

The subject is placed before the Board for information.

Subject: 13/11 – Bt. Brinjal – Bt. Crop

Decision of the 20th Board: In the light of letter dated: 01.06.2012 received from the Secretary, National Biodiversity Authority Chennai and the decision taken by the Board in 19th Board Meeting was reviewed. After due deliberations, the Board authorized Member Secretary to permit Deputy Conservator of Forests, Karnataka Biodiversity Board, Bangalore and Deputy Conservator of Forests, Dharwad Forest Division, Dharwad to act as co-complainants along officers of National Biodiversity Authority in the said case. The Board resolved that Member Secretary, Karnataka Biodiversity Board shall give necessary technical and logistical cooperation to the officers of National Biodiversity Authority during the filing of the said complaint against M/s Mahyco and other institutions/companies and the legal proceedings thereafter, regarding alleged violations of provisions under Biodiversity Act 2002. It is further resolved that the PCCF(Head of Forest Force), Karnataka Forest Department shall issue immediate directions to concerned jurisdictional forest officers and provide all necessary technical and logistical co-operation to the officers of Karnataka Biodiversity Board and National Biodiversity Authority till the completion of legal proceedings in the case.

Action Taken: A complaint by National Biodiversity Authority along with Karnataka Biodiversity Board under Section 200 R/W 90 (1) (9) of CMPC 2/W Section 55 and 57 of Biological Diversity Act 2002 was filed before Hon'ble Principal Judicial Magistrate and First Class (Junior Davison), Dharwad vide CC No 579/2012 on 24th November 2012 against University of Agricultural Sciences Dharwad Former Vice Chancellor UAS, Dharwad, Registrar, UAS, M/s. Maharastra Hybrid Seeds Corporation Limited Mumbai, its, Managing Director, Deputy Managing Director, M/s Satguru Management Consultants Pvt. Limited, Hyderabad its Director.

The accused No.1 to 4 of this case viz University of Agricultural Sciences, Former Vice Chancellor UAS, Dharwad, Registrar, UAS, Dharwad have filed a Cr. Petition No.10002/10003/13 before Hon'ble High Court of Karnataka Circuit bench Dharwad for quash, the entire proceedings of the case and the Hon'ble High Court has passed an interim order staying proceeding in the above case for a period of 6 months on 3/1/2013. On 11th October 2013 the Hon'ble High Court of Karnataka has dismissed the Criminal petition No.

10002/10003/2013 and National Biodiversity Authority has filed a Caveat application before the Hon'ble Supreme Court.

The trial in 579/2012 in Hon'ble Court of Principal Civil judge (Junior Division) Dharwad is restarted and posted for 28th February 2013.

This matter is placed before the Board for information.

Subject: 14/1 – Removal of some of the species from the purview of Section 40 of Biological Diversity Act 2002.

Decision of the 20th Board: The Principal Chief Conservator of Forests (Head of Forest Force) informed the Board that harvesting of *Cinnamomum species* is banned for a period of 5 years in Shimoga, Chickmagalur, Kodagu and Canara Circles. He promised that action taken report on regulation of extraction of *Curcuma angustifolia* will be brought in the next meeting of the Board. The Board resolved that these species shall be propagated by the forest department in the field and in agro-forestry programmes.

Action Taken: The matter was discussed with APCCF (Forest Resource Management) regarding extraction of *Curcuma angustifolia*. He has informed that this is not extracted from the forest. The list of 25 MFP / species is sanctioned vide Government order No: అవోండి 40 ఎఫ్ డిపి 2008 Bangalore dated 19/08/2013 these are the only species / MFP which are extracted from forest by LAMP Societies (Annexure-2)

This matter is placed before the Board for information.

Subject: 14/3 - Declaring Heritage Sites.

Decision of the 20th Board: Member Secretary provided a copy of the response filed by the KBB in WP No: 39065/2011(GM-RES). Dr M D Subash Chandran, Member expressed disagreement with the contents of the reply affidavit, especially the proposal to the Hon'ble High Court to order that the Netrani island should be under the joint custody of the Govt agencies including the Naval authorities. It was decided that the matter would be examined again and a Revised Affidavit filed in the Court at the earliest, after also considering the inputs from Dr Subash Chandran.

Action Taken: As decided in the last Board meeting, after getting required inputs from Dr. M.D.Subash Chandran regarding filing of revised affidavit in the Hon'ble High Court the necessary action has been taken and required information is given to Karnataka Biodiversity Board advocate for filing the revised affidavit. The shooting practice by authorities has been stayed from December 2012. The matter is still pending in the court.

Sri. Nitin R. Advocate has sent the status of Netrani Island case in Hon'ble High court on January 28, 2014 informed that the case is still pending. On the last date of hearing i.e., on 23/11/2012 the High Court directed as follows: "Till further orders to the contrary, direct the respondents not to use the Netrani Island for the purpose of target practicing". As a result of this interim order, the naval dept. has been barred to undertake firing in the Island. Thereafter, the petitioners have not moved the matter for further hearing. (Annexure-3)

Subject: 14/5- Declaring Heritage Trees.

Decision of the 20th Board: It was decided to send draft Heritage Tree Management Rules with suitable modification to Ministry of Environment and Forests for consultation as per Section-37(2) of Biodiversity Act 2002.

Action Taken: As decided in the last Board meeting, modified draft Heritage Tree Management Rules has been submitted to Department of Forest, Ecology and Environment, Govt. of Karnataka for referring it to Ministry of Environment and Forests.

This matter is placed before the Board for information.

Subject: 14/8 – Protection of Estuaries.

Decision of the 20th Board: The Board was informed that the consent of individual stakeholders/departments associated with Aghanashini and Kali river estuaries is essential for declaration of these sites as Biodiversity Heritage Sites. Member Secretary is asked to expedite the matter with local officers.

Action taken: As decided in the last Board meeting the matter has been addressed to concerned DCFs (SF), Uttara Kannada district and DCF, (Territorial) Honnavar division to publicize the implications of declaration of Kali and Aghanashini estuaries as Biodiversity Heritage Site before seeking the consent of the stakeholders. Deputy Conservator of Forests (Social Forestry) are requested to get a resolution from concerned BMCs.

Government of Karnataka has asked the Board to prepare a project on Biodiversity for placing before French Government for funding. Accordingly, a project on Coastal Biodiversity is being prepared including protection of Estuaries.

This matter is placed before the Board for information.

Subject: 14/11- Amendment to Karnataka Tree Preservation Act.

Decision of the 20th Board: The Principal Secretary FEE and Principal Chief Conservator of Forests (Head of Forest Force) informed the Board that the matter is under consideration of the Hon'ble Minister for Forest.

Action Taken: The matter was discussed with APCCF (Forest Resource Management) he has informed that earlier there were 11 species which were exempted from felling permission from Tree Authority. Another 15 species have been proposed for exemption under Section 8 (7) of Karnataka preservation Act 1976. This is done to help the farmers for using the trees grown in their land. (**Annexure-4**)

The matter is placed before the Board for information.

Subject: 14/13-Preparation of district level Action Plan on Biodiversity

Decision of the 20th Board: It was decided by the Board in 19th meeting that model guidelines for preparation of District level Action Plan on Biodiversity may be drafted by a Committee headed by Dr Ramakrishna with Dr. Subhash Chandran as member. For this purpose, the committee may visit several BMCs, Zilla Panchayaths, Rural Development & Panchayath Raj Department, line departments, Institutions and stakeholders for consultation etc. The Board resolved that members of Committee shall be paid sitting allowance Rs.1000/- per meeting, actual travelling expenses on field visits at the prevailing rates allowed to non-official members of Expert Committees on Agro biodiversity and Biodiversity Heritage Site. The Member Secretary shall reimburse sitting allowance and actual travelling expenses and also make payment of such other expenses for preparing the report, purchase of stationary etc. The Committee should complete the task within six months and submit the Draft District Level Action Plan to the Member Secretary.

Action Taken – Due to lack of proper co-ordination among the committee members the task could not be taken forward. The matter is placed before the Board to form a new committee for this purpose.

Subject :14/14 - Project proposal on Establishment of Herbarium and a Botanical Museum of Plants of the Western Ghats in Pilukula Nisarga Dhama Society (R)

Decision of the 20th Board: The Secretary Environment informed the Board that the project needs to be reviewed by calling a meeting. It is decided by the Board that a team of experts comprising of Dr Ramakrishna, Member, KBB, Dr Sanjappa, Retd Director, BSI and DCF, KBB shall visit Pilukula Nisarga Dhama Society (R), Mangalore and evaluate the Project works. The actual expenses incurred during field visits and travelling will be reimbursed to the non-official members by the Member Secretary.

Action taken: As per the suggestion of 20th Board meeting, Dr Ramakrishna, Member, KBB, Dr Sanjappa, Retd Director BSI and Deputy Director (Agriculture), KBB have visited the Pilukula Nisarga Dhama Society (R) in the month of December 2012 and reviewed the progress of the project. A meeting was called at Karnataka Biodiversity Board on 15/10/2013 to review the progress of the project. It was decided in the meeting to review the progress by the members of the committee periodically.

Proceedings of the meeting placed before the Board for further action. (Annexure-5)

Subject: 14/16— Project proposal of Baseline profiling of Cultural-Heritage Biodiversity Resources in select Eco-zones of Karnataka

Decision of the 20th Board: Board has suggested that to inform the project advisor, IINDICUS to send the final report of the project to KBB.

Action Taken: Final report is submitted on 20/01/2014. The report may be placed before Expert Committee for discussion. **Review by the Expert Committee as new agenda No. 21/22**

This subject is placed before the Board for information.

Subject: 15/1– Declaration of Natural Heritage Site.

Decision of the 20th Board: Board has suggested to Member Secretary, KBB to collect detailed report and proposal on Hosagunda sacred grove of Sagar taluk from DCF, Sagar. The Board also suggested that the Member Secretary, KBB to visit the spot along with Deputy Conservator of Forests, Sagar.

Action taken: As per decision of the Board, Deputy Conservator of Forests, Sagar is requested to submit the detailed report and proposal on Hosagunda sacred grove of Sagar taluk. The Member Secretary visited the spot on 05/04/2012 along with Deputy Conservator of Forests, Sagar and his field staff. The said land is a forest land. But, Umamaheshwara Seva Trust (regd), a temple, other building and a Kalyani are being constructed.

Deputy Conservator of Forests, Sagar has reported that No objection Certificate is given for allotment of 1.3 Acres of land to Deputy Commissioner. Since the area is Forest land, there is no need to declare this land as Biodiversity Heritage Site.

This is placed before the Board for information.

Subject: 15/2- Declaration of Agro Biodiversity Heritage Site.

Decision of the 20th Board: It was decided to explore the possibility of any other Scientist, qualified in the field for taking up the Research project.

Action Taken: Dr. G.S.Mohan, Asst. Prof. Ponnampet College, was assigned a research project on the subject. But, he has resigned from the post in UAS, Bangalore and hence the sanctioned project is withdrawn at the request of UAS. Therefore the data essential for declaration of Agro Biodiversity Heritage Site could not be documented.

We have asked University of Agricultural Sciences, Dharwad and Bangalore for giving such proposals. GKVK has informed that the subject "Flooded Paddy land" comes under the jurisdiction of Shimoga, same is transferred to Shimoga University of Agricultural Sciences. Shimoga University of Agricultural Sciences has given a proposal.

After the submission of the final report, the report is placed before the Expert Committee. After the review of report by the Expert Committee recommendation may be made for declaration of Agro Biodiversity Heritage Site.

The same is placed before the Board for Approval.

Subject :15/10- Integrated ecological carrying capacity study of Uttara Kannada District.

Decision of the 20th Board: The Board directed that the completion of project report be expedited and draft report must be submitted by Principal Investigator within two months.

Action Taken: The draft final report was submitted by the Principal Investigator of the project. As directed by the Government a review meeting was conducted inviting senior officers, Experts, Scientists. In the review meeting the Principal Investigator of the project was informed to incorporate some changes. The final report submitted to KBB on 06/01/2014.

The report may be placed before Expert Committee for discussion. Review by the Expert Committee as new agenda No. 21/22

Subject:15/12— Declaration of Sri. Lakshmikantha swamy, Medicinal Eco-park, Devaragudda (Sri giri), Padmanabhanagar, Bangalore as heritage site.

Decision of the 20th Board: The Board resolved to recommend to Government for declaration of Sri. Lakshmikantha swamy, Medicinal Eco-park, Devaragudda (Sri Giri), Padmanabhanagar, Bangalore as Biodiversity Heritage site. The management of the site will be with BMC constituted by BBMP which is the jurisdictional local body under Biodiversity Act 2002.

Action Taken: As decided in the last board meeting draft preliminary notification was sent to Govt. of Karnataka regarding declaration of Sri. Lakshmikantha swamy, Medicinal Eco-park, Devaragudda (Sri giri), Padmanabhanagar, Bangalore as Biodiversity Heritage site on 26/11/2012 and 9/12/2013.

This subject is placed before the Board for information.

Subject: 16/1 Establishment of Dry Zone Biodiversity In-situ Conservation sites network

Decision of the 20th Board: The Board decided that CCNR-IAIM should expedite the work and submit the draft final report to the Member Secretary at the earliest.

Action Taken: CCNR-IAIM has submitted the draft final report to Karnataka Biodiversity Board. Same has been reviewed and some additional points had been suggested to incorporation. After incorporating the additional points, the final report of the project submitted to Karnataka

Biodiversity Board. The final report has been reviewed and asked to incorporate some more additional points. Updated final report is awaited.

This subject is placed before the Board for information. Review by the Expert Committee as new agenda No. 21/22

Subject :16/3- Declaration of Mango Farm as Agro Biodiversity Heritage Site.

Decision of the 20th Board: It was decided to wait for the outcome of the project, "Genetic diversity studies of the Mango plantation in Kirugavalu village of Malavalli taluk, Mandya district", being implemented by Dr.Nandini Associate Professor, GKVK, UAS, Bangalore.

Action taken: Dr. Nandini Associate Professor, GKVK, Bangalore has submitted the final report of the project "Genetic diversity studies of the Mango plantation in Kirugavalu village of Malavalli taluk, Mandya district" on 17/12/2013.

The report may be placed before Expert Committee for review. Review by the Expert Committee as new agenda No. 21/22

After the review of report by the Expert Committee recommendation may be made for declaration of Mango Farm as Agro Biodiversity Heritage site.

The subject is placed before the Board for information.

Subject: 16/4 Project on Conservation and Utilization of Deep water Rice Genetic Resources of the Varada River Course in the Western Ghats of Karnataka.

Decision of the 20th Board: It was decided to explore the possibility of any other Scientist, qualified in the field for taking up the Research project.

Action Taken: Dr. G.S.Mohan, Asst. Prof. Ponnampet College, was assigned a research project on the subject. But, he has resigned from the post in UAS, Bangalore and hence the sanctioned project is withdrawn at the request of UAS. Therefore the data essential for declaration of Agro Biodiversity Heritage Site could not be documented. No other scientist came forward to take up this project work.

We have asked University of Agricultural Sciences, Dharwad and Bangalore for giving such proposals. GKVK has informed that the subject "Flooded Paddy land" comes under the jurisdiction of Shimoga, same is transferred to Shimoga University of Agricultural Sciences. Shimoga University of Agricultural Sciences has given a proposal. (Annexure-6)

The matter is placed before the Board for information.

Subject: 16/14 - Annual plan of operation for balance amount of Rs. 22.393 lakhs

Decision of the 20th Board: The Secretary (E&E) informed the Board that additional details have been asked by the Finance Department and same is being pursued.

Action Taken: As per the 20th Board meeting letter has been sent to Finance Department regarding status of Annual Plan of operation for balance amount of Rs. 22.393 lakhs. The reply from Finance Department is awaited

The matter is placed before the Board for information.

Subject: 17/5 – Developing a Web-based Atlas depicting the spatial patterns of the Biodiversity of Karnataka

Decision of the 20th Board: Karnataka Biodiversity Board has entrusted the task of developing a **Web-based Atlas depicting the spatial patterns of the Biodiversity of Karnataka** to Ashoka Trust for Research in Ecology and the Environment (ATREE), Bangalore. The Board has suggested to Member Secretary, KBB to get the task completed and to submit the Beta version of the Atlas as soon as possible.

Action Taken: A second review meeting on the progress of project was held on 19/6/2013 under the chairmanship of Principal Secretary, Dept. of FEE. After the meeting they submitted the Beta version of the Atlas and the link of the same has been sent to Experts from various fields. The same was discussed in the meeting held on 4th, 5th, 6th and 12th of December 2013. Suggestions received from the Experts are being incorporated by ATREE. The updated Beta version will be submitted after incorporating the new information provided by the Experts.

The subject is placed before the Board for information.

Subject: 18/7- Project proposal on "Genetic diversity studies of the Mango plantation in Kirugavalu village of Malavalli taluk, Mandya district".

Decision of the 20th Board: The Board has informed the Member Secretary, KBB to ask Dr. Nandini Associate Professor, GKVK, Bangalore to submit the final report as soon as possible.

Action taken: Dr. Nandini Associate Professor, GKVK, Bangalore has submitted the final report of the project "Genetic diversity studies of the Mango plantation in Kirugavalu village of Malavalli taluk, Mandya district" on 17/12/2013.

The report may be placed before Expert Committee for discussion. Review by the Expert Committee as new agenda No. 21/22

The matter is placed before the Board for information.

Subject: 19/6- Protection of Nothapodyets nimmoniana, an anti cancer medicinal plant.

Decision of the 20th Board - The Board directed Principal Chief Conservator of Forests (Head of Forest Force) to bring action taken report in the next Board meeting regarding regulating collection of *Nothapodyets nimmoniana*, its protection and propagation in the field.

Action taken: *Nothapodyets nimmoniana* is not found in the list of species approved by Government of Karnataka which are permitted for extraction. PCCF in his circular dt 20/01/2014 has instructed all the DCFs in the state for taking a special care for raising in the nursery for propagation. He had also directed to distribute this species under Agroforestry. (**Annexure-7**)

The subject is placed before the Board for further information.

Subject: 19/7- Submission of Utilization Certificate and vouchers for the works on dryzone insitu conservation sites and infrastructural facilities to Biodiversity Management Committees

Decision of the 20th Board: The Board directed Principal Chief Conservator of Forests (Head of Forest Force) to bring action taken report in the next Board meeting regarding status of show cause notices issued to Deputy Conservators of Forests, Territorial and Social Forestry Divisions who have not submitted utilization certificates and vouchers for the funds released by, Karnataka Biodiversity Board.

Action Taken: All the Deputy Conservator of Forests, to whom fund was released have submitted the Utilization Certificates.

The matter is placed before the Board for information.

Subject: 20/2- Provisions of BD Act 2002 and KBD Rules 2005 and issue of manufacturing license to Bio resource based industries (Form -1)

Decision of the 20th Board: The agenda item is directly concerned with Director of AYUSH and he, being a Member of the Board is absent today. The Hon'ble Minister for Ecology Environment, Planning and Statistics and Chairperson, Karnataka Biodiversity Board, expressed displeasure over continuous absence of Sri. G.N.Sreekantaiah, Director, Dept. of Indian System of Medicines and Homeopathy, Bangalore and it was decided to report the matter to Principal Secretary, Health and Family Welfare.

The Board decided that Director of AYUSH must consult KBB to ensure compliance of the provisions of BD Act and Rules thereof by bio-resource based industries before issuing manufacturing licenses and also to cancel manufacturing licenses of those bio resources based industries who are not complying with provisions of BD Act and Rules thereof. Member Secretary, Karnataka Biodiversity Board is directed to initiate legal proceeding against all the bio resources based industries, Ayurvedic companies, traders, suppliers regarding violations of provisions under Biodiversity Act 2002 and Karnataka Biodiversity Rules 2005.

Manufacturing licenses to bio resource based industries are issued by Department of AYUSH. The Director, Dept. of AYUSH is the license issuing authority and is also a Member of KBB.

Action taken: A meeting was conducted by MS, KBB on 16/11/2013 with Director, Department of Ayush and Asst. Drug Controller, Department of Ayush Compliance of Biological Diversity Act 2002 by Pharmaceutical Companies was discussed. It is informed that these companies are not giving full information as per the Form-I. The Director, Ayush was requested to add a new clause in the renewal Form for Pharmaceutical Companies by making it mandatory to submit Form-1 before applying for renewal of license to the Department of Ayush. Director, Ayush suggested that awareness and workshop program can be conducted Zone-wise by Karnataka Biodiversity Board and Department of Ayush. (**Annexure-8**)

Subsequently, another meeting was held on 8/12/2013 with the representatives of different associations of Pharmaceutical companies. This meeting was focused on proper completion of Form-I and access and benefit sharing. It was decided that a committee will be constituted with Deputy Conservator of Forests, Karnataka Biodiversity Board, Assistant Drug Controller, Department of Ayush and representatives of different associations of Pharmaceutical companies using bio-resources as members. (Annexure-9)

Notices have been issued to those companies for complying Section-7 and Rule 15 of Karnataka Biological Diversity Rules, 2005. They are also requested to suggest and offer the accepted contribution for the sustainability of the bio-researches, especially those which are under RET category.

In case any pharmaceutical companies failed to comply with the provisions of the Act, legal action has to be initiated against such companies as per Section 55 and 56 of Biological Diversity Act 2002.

Following are the status of compliance of Section-7 of BDA 2002 by Pharmaceutical companies.

- 1. Total no. of Pharmaceutical and Cosmetics Companies 229.
- 2. No. of Form-1 received 155
- 3. Address not found 23
- 4. 3rd Notice has been issued to 52 companies in the month of July 2013 regarding submission of Form -1
- **5.** Among 52 companies 10 companies have replied for 3rd Notice.
- 6. It is found that 60 to 70 companies are using RET species.

The matter is placed before the Board for further consideration.

Subject: 20/6 - 2nd Indian Biodiversity Congress in December 2012

Decision of the 20th Board: Kerala Biodiversity Board has proposed holding of 2nd Indian Biodiversity Congress from 27th to 30th December 2012 in Tiruvananthapuram on **Marine and Coastal Biodiversity**, coordinated by National Biodiversity Authority and Chaired by Ministry of Environment & Forest. They have asked for financial assistance of Rs one lakh. Member Secretary, Karnataka Biodiversity Board informed the Board that another proposal has been received from President **CISSA** to hold 2nd Indian Biodiversity Congress in Bangalore during 8-12 December 2012, with focal theme as **Biodiversity Heritage Western Ghats: Challenges for Conservation and Sustainable Management.** This event is organized by CISSA, FRLHT in collaboration with ATREE, CES, IISc, UAS etc.

Since both these events are bearing identical title ie 2^{nd} Indian Biodiversity Congress, the Board decided that Member Secretary may seek clarification from National Biodiversity Authority before taking further action in the matter.

The Board is informed that CISSA, Bangalore has not submitted accounts and vouchers for Rs Two lakh released to them in December 2010 for 1st Indian Biodiversity Congress.

Sl	Event/Date	Organizer	Amount released	Remarks
No				
1	27^{th} to 31^{st}	1 st International	Rs. 2.00 lakhs was	Utilization
	December 2010	Biodiversity Congress	released as approved by	Certificate
		2010 at	GoK No. FEE 115 -	received
		Thiruvanthapuram	ENV – 2010, Bangalore,	
			Date 16/12/2010)	
2	9 to 12 th	2 nd Indian	Rs. 10.00 lakhs was	Utilization
	December 2012	Biodiversity Congress	released as approved by	Certificate
		organized by	GoK order No.110 ENV	received
		CISSA, FRLHT in	2012 dt 4/12/2012	
		collaboration with		
		ATREE, CES, IISc,		
		UAS etc.,		
3	27^{th} to 30^{th}	2 nd Indian	Rs.1.00 lakhs was	Utilization
	December 2012	Biodiversity	released as approved by	Certificate
	2 nd Indian	Congress, CISSA,	GoK order No. FEE 9579	received
	Biodiversity	Thiruvananthapuram	ENV-B 2012, Bangalore	
	Congress		dt. 21/8/2012.	

New Agenda

Subject: 21/1 (a) - Board Constitution

Last Board was constituted on 24/12/2009. As per Karnataka Biological Rules 4(1) and 6 (1) the term of the Chairman and Members of the Board was for 3 years which completed on 24/12/2012. In this regard a proposal for constituting the Board was submitted to Secretary (Ecology and Environment) Dept. of FEE, Govt. of Karnataka on 8th November 2012.

As per Gazette notification dt 23/12/2013 and Govt. order No. FEE 135 ENV 2012 Bangalore dated 23/12/2013, a new Board has been constituted. The Government of Karnataka has appointed following 10 members to the Board. The notification is placed before the Board for information. (Annexure - 10)

1	Additional Chief Secretary to Government, Department of Forest, Ecology and Environment M.S. Building, Bangalore	Ex-officio Member
2	Principal Secretary to Govt. Agriculture and Horticulture Department, M.S. Buildings, Bangalore	Ex-officio Member
3	Secretary to Government (Ecology and Environment) Department of Forest, Ecology and Environment M.S. Building, Bangalore	Ex-officio Member
4	Principal Chief Conservator of Forests, (HOFF) Aranya, Bhawan , Malleshwaram, Bangalore- 560 003	Ex-officio Member
5	Director, Indian System of Medicine and Homeopathy, Dhanvanthri Road, Anand Rao Circle, Bangalore –560 009	Ex-officio Member
6	Dr. H. Shivanand Murthy, Professor and Head, College of Fisheries, Karnataka Veterinary and University of Fisheries Science Mangalore - 575002.	Non-officio Member
7	Dr. M.Sanjappa, No. 504, Block C-7, Kendriya Vihar, Yalahank, Bangalore – 560 064	Non-officio Member
8	Dr. M.H.Swaminath, IFS (Retd) No. 19 'A' 1 st 'B' Main Road, 6 th Sector, H.S.R. Layout, M.C.H.S. Colony, Bangalore-560034	Non-officio Member
9	Prof. Ganeshaiah, Prof. and Head, Conservation of Forest and Ecology Division, University of Agricultural Sciences, GKVK, Bangalore-65	Non-officio Member
10	Dr. M.D.Subash Chandran Environment Science Centre (IISC) Kshetriya Gataka, Viveknagar, Kumuta – 581343	Non-officio Member
11	Member Secretary, Karnataka Biodiversity Board, Ground Floor, Malleshwaram, Bangalore	Member Convener

Subject:21/1 (b)-Appointment of Chairman to Karnataka Biodiversity Board – Government of Karnataka Vide order No:FEE 135 ENV 2012, dated 24/01/2014 has appointed Shri. R.M.N Sahai, IFS (Rtd.) as the Chairman of Karnataka Biodiversity Board. He has taken charge on 25/01/2014.

The Subject is placed before the Board for information.

Subject: 21/2 (a) - Chairman Office

We have hired a place at, KSFIC, Vanavikas, 4th floor, Malleshwaram, Bangalore for office of the Chairman. Since it was urgently required, work order for renovation and necessary partition had already been given.

The subject is placed before the Board for information.

Subject: 21/2 (b) - Vehicle for Chairman

Since the Chairman has to do extensive journey in the State, it would be convenient to have a bigger vehicle like XUV / Innova. As per revised Govt. order No එමන්තු 111 එකම් 2011 නිගේස්තර් බහුලේ 09/05/2013, the cost of new vehicle is limited to Rs. 9.00 lakhs (Exclusive of taxes). Innova 2.5 E diesel 7 str. BS4 PS AC is priced at Rs. 909630 (including VAT and excluding other taxes). Since DGS&D rates are not applicable for Boards and Corporations, Road Taxes need to be paid extra.

The subject is placed before the Board for approval of purchase of Innova at a cost of Rs 909630 lakhs.

Subject: 21/3 - Filling up of staff vacancies in Karnataka Biodiversity Board

As per Government order No.FEE 125 ENV 2003, Bangalore dated 19/06/2003, 13/01/2009 & 23/5/2009) the following posts are sanctioned:

Sl No	Sanctioned Posts	No. of Posts	Position	Remarks
1	Member Secretary	1	Filled	
2	Deputy Conservator of Forests	1	Filled	
3	Executive Officer / Deputy Director (Agriculture)	1	Vacant	
4	Executive Officer / Deputy Director (ISM&H)	1	Vacant	
5	Reader/Associated Prof. (Botany)	1	-	Filled on contract
6	Reader/Associated Prof. (Zoology)	1	-	Filled on contract
7	Assistant Conservator of Forests & Administrative Officer	1	Filled	

Supporting Staff

Sl	Sanctioned Posts	No. of	Posi	ition
No		Posts	Filled	Vacant
1	Accounts Supervisor	1	1	-
2	Executive Assistant	4	4	-
3	SDA / Data Entry Operator	2	2	-
4	Dalayath	3	3	-

Since the staff is to be posted on deputation from various departments, requests have been made to depute suitable officers from Forest Department, Agriculture Department and Ayush Department.

National Biodiversity Authority, Chennai also supports the State Biodiversity Board to fund for Technical manpower. Rs. 9.72 lakh for one year is earmarked for this purpose. Accordingly, five Post Graduate students of various life science departments have been selected by the Board on consolidated emoluments varying from Rs. 14,000/- to 20,000/- depending on their skill and experience.

The details of the technical staff taken on contract with the financial support of National Biodiversity Authority are as follows.

Sl	Name	Position	Qualification	Per month	Date of
No				remuneration	Joining
1.	Mr. Ragavendra H.P	Research Associate	M.Sc (Agri in	Rs. 20,000/-	01/01/2014
		(Forestry)	Envt. Sciences)		
2	Mr. Vinayak V.	Technical Executive	M.Sc (Marine	Rs. 18,000/-	01/02/2014
	Kulkarni	(Marine)	Biology)		
3	Mr. Pritham S	Technical Executive	M.Sc (Zoology)	Rs. 15,000/-	01/02/2014
		(Zoology)			
4	Mr. Murali C.N	Technical Executive	M.Sc (Agri)	Rs. 14,000/-	16/01/2014
		(Agriculture)			
5	Ms. Vinanthi. A.C	Technical Executive	M.Sc (Micro	Rs. 14,000/-	16/01/2014
		(Micro Biology)	Bisology		

The matter is placed before the Board for consideration.

Subject: 21/4 - Creating two regional Zones of the Karnataka Biodiversity Board.

It is a mammoth task to help the BMC members in writing the PBRs. There is a skeleton staff with the Board at the Head quarter. Therefore, it was submitted to the Government vide letter No: KBB/PBR/30/13-14 dt 20/06/2013, requesting the government to sanction extra staff by creating two regional zones for the Board and strengthening the head office.

Formation of Biodiversity Management Committees and then helping its members in documenting its bio-resources in the PBR is the task spread over the whole state. The implementation of such activities needs to be closely supervised / monitored. It is very difficult to monitor the works effectively from Bangalore. In addition to this, the work load for regulating Bio-resources users have also gone up. It is also required to strengthen the Head quarters.

Requirements of following posts are submitted to the Government for sanction.

Sl.No	Offices	Staff details	No. of Posts	Consolidated
				Emoluments
1	Northern Zone Office	Executive Director	1	30,000
		Executive Assistant	1	15,000
		Data Entry Operator	1	10,000
		Helper	1	8,000
		Total		63,000
2	Southern Zone Office	Executive Director	1	30,000
		Executive Assistant	1	15,000
		Data Entry Operator	1	10,000
		Helper	1	8,000
		Total		63,000

3	Karnataka Biodiversity	Research Associates	2 @ 20,000/	40,000		
	Board Head Office					
		First Division	2 @ 15,000	30,000		
		Assistants				
		Executive Assistants	4 @ 15,000/-	60,000		
		Data Entry Operators	2 @ 10,000/-	20,000		
		Total		1,50,000		
4	Lumpsum expenses for T	Travelling (North and So	outh Executive	50,000		
	Directors)					
		Grand Total		3,26,000		
Total 1	Total Rs. 39.12 lakh per annum					

This matter is placed before the Board for approval.

Subject: 21/5 - Modus operandi for preparation of People's Biodiversity Registers:

Last year, the task of preparation of PBRs and formation of BMCs was assigned to NGOs in different districts. But NGOs were not able to complete the task in given time and also quality of the work was not up to the mark. A meeting of experts was conducted on 3/6/2013. The issue of preparing People's Biodiversity Register was discussed. It was decided that writing of PBR is very technical in nature and should be done by involving the professors of Life Science Departments of Universities.

In this regard meeting of Vice chancellors / their representatives was called on 26/06/2013. The Vice Chancellors have agreed to assist in preparing PBR. They suggested that professors of Life Sciences may be associated for this purpose along with students of various life science departments of the districts. As per the above decision preparation of PBR works has been assigned to different universities in 12 districts.

Duration for completing the PBR and stipend to students was discussed along with Honorarium to the professors. It was suggested that a Co-ordinator (professors in life sciences) will have 3 teams of students. Each team will be consisting of 3 students. One team will be assisting the BMC members for writing PBR for 2 Grama panchayaths in six months.

Following stipend to students, Honorarium for sitting fee was agreed in the meeting.

- 1. Stipend and TA to Student Rs. 6000 + 2000 = Rs. 8,000/- per month
- 2. TA and Sitting fee to Co-ordinator Rs. 3000/- Rs. 1000/- per sitting for 5 sittings Rs. 5000/-
- 3. TA and Sitting fee to Co-coordinator- Rs. 3000/- Rs. 750/- per sitting for 5 sittings Rs. 3,750/- per month

Expenditure for 6 PBRs (per team) - Rs. 5.21 lakhs. (Each PBR Rs. 86,750/-)

Total expenditure for 84 PBRs @ Rs. 86,750/- 72,87,000/-

List of Gramapanchayaths, where people's Biodiversity Registers are being prepared, is annexed. (Annexure-11)

This is placed before the Board to ratify the action taken and approve the rates of stipend, TA and Honorarium as mentioned above.

Subject: 21/6 - Prosecution for violation of Section 7 of BDA 2002

Under Section 40 of Biological Diversity Act 2002, Ministry of Environment and Forests, Govt. of India, in consultation with National Biodiversity Authority, Chennai, has given exemption declaring that the provisions of this Act shall not apply to any items. 190 plant species are declared as Commonly Traded Commodities. But, Environment Support Group (ESG), an NGO, is disputing that 15 plant species among the 190, which are under RET status due to unregulated exports. In this regard Environment Support Group (ESG) Bangalore has filed a Writ petition no. 41532/2012 (gm-res) in the Hon'ble High Court of Karnataka, against the notification on Biological Resources notified as Normally Traded Commodities.

Respondents are MoEF, New Delhi, NBA, Chennai, KBB, Bangalore and Govt. of Karnataka represented by Chief Secretary. Mr. Aditya Sondhi, advocate, is representing National Biodiversity Authority and others.

Status of the Case: The preliminary hearing was held on 2/12/2013. After hearing the counsel for the petitioners, the Division Bench headed by the Hon'ble Chief justice disposed the writ petition as being not maintainable before the High Court in view of the judgments cited on their behalf. The petition and all pending applications accordingly stand transferred to the concerned bench of the National Green Tribunal.

There are three other cases, in which the Board is one of the respondents. (Annexure-12)

The subject is placed before the Board for information.

Subject: 21/7- Formation of Technical Committees / Groups

As per Section 13 (2) of Biological Diversity Act 2002 State Biodiversity Board is authorized to constitute committees for the efficient discharge of its duties and performance of its functions.

Karnataka Biodiversity Board intends to form a Technical Expert Committees to discuss various issues referred to it by the Board / Chairman and advise on the same.

Following Seven members are recommended for the committee:

- 1. Dr. R.C. Prajapathi, IFS (Retd), Bangalore
- 2. Prof. Channabyregowda, University of Agricultural Sciences, GKVK, Bangalore
- 3. Dr. Ramakrishna, Ex-Director, Zoological Survey of India and Emiritus Scientist, Botanical Garden, University of Agricultural Sciences, GKVK, Bangalore
- 4. Dr. M.A.Shankar, Director of Research, University of Agricultural Sciences, GKVK, Bangalore
- **5.** Dr. V.N.Nayak, Professor and Chairman, Dept. of Studies in Marine Biology, Karnataka University Post Graduate Centre, Kodibag, Karwar-581303
- 6. Dr. N.A. Madhyastha, "Inchara" Srinivas Nagara, Chitpadi, Udupi-576101
- 7. Dr. V. Bhaskar, Retired Professor of Forestry and Environment, No 33, Udaya Ravi, 2nd main road, Chola Nagar, R. T. Nagar post, Bangalore-32

In case, there is a need of any specialized sub-committee, Member Secretary may be authorized to form the committee for specific purpose.

Subject: 21/8 - Renovation of KBB office for proper utilization of space

At present Karnataka Biodiversity Board has taken office space in Vanavikas ground floor on rent from Karnataka Forest Development Corporation. The space is very small and it is in two parts. The existing space is also not being utilized optimally. Therefore, it is proposed to renovate the space by alteration involving civil work and creating partition. The first part having an area of 825 sq. feet is proposed to be taken up first. Rs. 20.00 lakhs is allocated for renovation of office space in the Financial Year 2013-14.

The subject is placed before the Board for approval.

Subject: 21/9 - NBA's support for preparation of PBR, formation of BMC and additional supporting Staff on contract

National Biodiversity Authority, Chennai supports all the State Biodiversity Boards of the country for formation of Biodiversity Management Committees and writing of PBRs. National Biodiversity Authority has offered to meet the expenditure on formation of 30 PBRs.

Accordingly, a proposal was submitted and Rs.34,50,000/- lakhs was released towards preparation of PBRs at the cost of Rs. 1,15,000/- for each PBR.

Another proposal of constituting 100 BMCs is also submitted to National Biodiversity Authority after the Board received the offer of such assistance.

The subject is placed for the Board for approval.

Subject: 21/10 – Karnataka Biodiversity Board Supporting Staff

The Board is dealing technical issues related to life sciences. Most of the time, the Board is depending upon young M.Sc students for its technical support. Getting such technically qualified person from Man Power Agency becomes difficult. In case, we get someone, they tend to leave after getting the exposure in the Board.

Therefore, the technical staff may be taken on contract for the tenure not exceeding 3 years, after receiving an undertaking from the contract employee that he / she will not claim for any permanency of job in the Board. The Board will also not be recommending any one working on contract for regularizing his / her services to the Government.

The matter is placed before the Board for approval.

Subject: 21/11 – Post facto approval

In extreme cases, Member Secretary has taken certain decisions during last one year, which are being submitted to the Board for post facto sanction.

21/11 (i) One representative from the Board was sent to Lucknow to attend PBR related meeting. Since, he had to reach in time on 11th September 2013 to meet the Member Secretary of Uttara Pradesh Biodiversity Board regarding PBR issues; he had been permitted to go by flight. However, on return, he had travelled by train. He is not entitled to use flight. Special permission may be granted to use flight to go to Lucknow.

21/11 (ii) A workshop has been organized on 10th of January 2014 at Forest Training Institute, Dharwad to discuss the future course of action required by Biodiversity Board. Dr. M. H. Swaminath IFS (Rtd.), Member of the Board, who was a special invitee for the workshop, was given return airfare to Hubli from Bangalore, as he was busy and could not spare time for train or bus journey. The airfare for attending the workshop may be approved.

21/11 (iii) The services of Sri. Basavaraju, GUW, was taken from Jungle Lodges and Resorts Limited, Bangalore on deputation from 1/6/2013. His deputation was cancelled and sent back to his parent organization n 16/12/2013. A letter vide letter No 17/12/2013 was sent to Government for regularizing the deputation of Sri. Basavaraj from 1/6/2013 to 16/12/2013. He was getting a consolidated salary of Rs. 7,686/- Per month.

The matter is placed before the Board to ratify the action taken by the Member Secretary.

21/11 (iv): Proposal for collaboration of the publication "Fauna of Karnataka", State Fauna Series, 21- by providing the cost of production.

K. Venkataraman, Director, Zoological Survey of India, Kolkata submitted a proposal through PCCF and (HoFF) Bangalore on 4/3/2013 for printing of publication "Fauna of Karnataka" at a cost of Rs. 2.00 lakhs.

Payment of Rs. 2.00 lakhs towards printing and publication of Fauna of Karnataka was released to the Director, ZSI, Kolkata on 23/11/2013. Director, ZSI informed in their letter dt 5/12/2013 that the book is printed and ready for release.

The subject is placed before the Board for post facto approval.

21/11 (v) Sri. Swayam Chowdari, Assistant Manager, K.Gudi, Jungal Lodges and Resorts Limited, Bangalore has submitted 3 study projects for sanction to carry out the study in BRT Tiger Reserve. The cost of the project is Rs. 1.50 lakhs. This has been permitted by Chief Wild Life Warden, Karnataka. The project was placed for discussion on 15/10/2013 in the technical committee which has favorably agreed in the meeting. The details are as below:

RESEARCH TITLE I: A study on the co-existence mechanisms among six sympatric species of Drongo (Dicruridae: Aves) in the BRT Tiger Reserve.

Objectives:

- 1. To study the impact of presence of migratory Ashy Drongo on distribution of other resident Drongo species.
- 2. To understand the activity patterns of different species of Drongos.
- 3. To study the inter-specific interactions within the six Drongo species.
- 4. To study the association of Drongo species with other birds.
- 5. To study the spatial use patterns of the six Drongo species.

RESEARCH TITLE II: A study on the relation between dispersal requirements of cross-pollinated host trees and dominance hierarchy in bird guilds visiting such trees in BRT Tiger Reserve.

Objectives:

- 1. To find out the distribution of the three tree species (*Bombax ceiba*, *Butea monosperma*, *Erythrina spp.*) cross-pollinated by birds.
- 2. To study the dominance ranking in the birds visiting the trees during flowering and fruiting seasons.
- 3. To study the state of seed dispersal after the fruiting season.

RESEARCH TITLE III: A study on the prey-selection by Tiger and sympatric copredators (Leopard and Asiatic wild dog) in BRT Tiger Reserve.

Objectives:

- 1. To study the relative frequency in indirect signs of the three predators.
- 2. To compare the relative frequency with the estimated numbers of the predators in the Reserve.
- 3. To study the proportional predation of different prey species through scats.
- 4. To study the change / effect of prey availability on prey selection by the three predators across different habitats.

The matter is placed before the Board for ratifying the action taken by the Member Secretary.

Subject: 21/12 - Sentence has to be changed in agenda No. 17/4 i.e., Permission to submit the Karnataka Biodiversity Annual Accounts to Accountant General Karnataka for every financial year.

Accountant General – Karnataka has asked to change the sentence in Agenda 17/4. i.e "It was resolved to give one time authorization to Member Secretary to submit the Annual Accounts and revised Accounts (if any) for every financial year directly to the accountant general, Karnataka for audit and further action" - to - It was resolved to give one time authorization to Member Secretary to submit the Annual Accounts and revised Accounts (if any) for directly to the Accountant General, Karnataka for audit and further action. (Annexure-13)

The matter is placed before the Board for information.

Subject: 21/13 -Approval of Budget and Expenditure for the year 2013/14 and 2014/15

- 1. Budget and Expenditure for the year 2013-14
- 2. Budget for the year 2014-15 (Annexure-14)

The subject is placed before the Board for approval.

Subject: 21/14 - Enhancement of Delegation of powers to Member Secretary.

The Board has delegated certain powers to Member Secretary, Karnataka Biodiversity Board in the 1st meeting held on 12/12/2003. Subsequently the Board has approved the modification of some of the provision in 5th Board meeting on 6/9/2006. Following enhancement in certain delegated power is placed before the Board:

Sl. No. 8 - To sanction employment of skilled part time menials, unskilled part time menials payable out of contingencies Rs. 2.500/ per month to Rs. 10,000/- per month.

Sl No. 37 –To sanction expenditure for participating in World Environment Day. Seminars / Workshops exhibitions within the State and miscellaneous functions and pooja's. – Rs. 10,000/each time subjected to a maximum of Rs. 5.00 lakhs per annum to Rs. 50,000/- each time subjected to a maximum of Rs.10.00 lakhs per annum.

The same is placed before the Board for approval.

Subject: 21/15 - General Delegation of common financial powers to Heads of Departments and others.

Finance Department, Government of Karnataka, has issued an order No. FD 2 TFP 2010, Bangalore, dated:30/4/2010 delegating the different powers to heads of Departments. This includes power under KCS Rules also.

It is submitted to the Board to adopt the Government order No. FD 2 TFP 2010, Bangalore, dated:30/4/2010. Member Secretary, who is of the rank of Additional Principal Chief Conservator of Forests, may be delegated the said power as detailed in Government order dated 30/4/2014.

Government of Karnataka has notified Chief Conservator of Forests, Additional Principal Chief Conservator of Forests and Principal Chief Conservator of Forests as Head of Department vide Government order No. FD 14 TFP 2004, dated:30/11/2004.

As per serial No. 30 of order No. FD 2 TFP 2010, Bangalore, dated: 30/4/2010 description of power under KCS Rule 16 (B) states as follows:

To authorize subordinate Gazetted Government servant to proceed on duty beyond the limits of their charges outside the state within India (vide Rule 16(b) of KCSR) for 15 days delegating the power to HoD.

The chairman of the Board may be delegated under 16 (B) to authorize the Member Secretary to proceed on duty outside the state within India for up to 15 days.

Subject: 21/16 - Reimbursement of Medical Claims:

Accountant General, Karnataka in its audit dated 14/11/2013 has put an objection for failure to regulate reimbursement of medical claims of the staff. The Karnataka Government Servants Medical Attendant Rules 1963 may be adopted by the Board for medical reimbursement of the staff.

The subject is placed before the Board for consideration.

Subject: 21/17 - Sponsorship for Nallur Biodiversity Heritage Site for Fencing.

A meeting on Biodiversity Heritage Site was conducted on 11/2/2014. Proceedings annexed. It was suggested by the members to take private sponsorship for fencing the whole Heritage Site. (Annexure-15)

The subject is placed before the Board for deliberation.

Subject: 21/18-Financial assistance for Awareness Campaign on Biodiversity Conservation in Aghanashini, Uttara Kannada District on 22nd and 23rd February 2014 by Eco-Watch.

Sri. Suresh Heblikar, Chairman, Eco-Watch, Bangalore is organizing an Awareness Campaign on Biodiversity Conservation in Aghanashin, Uttara Kannada District on 22nd and 23rd February 2014. He requested for financial Support of Rs. 4,25,000/- for conducting the Awareness Campaign. (**Annexure-16**)

The subject is placed before the Board for deliberation.

Subject: 21/19 - Saving the nutmeg gene pool of India in Ankola taluk, Uttara Kannada.

During the workshop conducted at Forest Training Institute, Dharwad, it was discussed that one private nutmeg garden, which is being maintained by Private individual in Ankola taluk, is about to be taken over by Project Sea Bird. The members attending the workshop were of the opinion that the Board should take necessary action to protect the nutmeg gene pool. (Annexure-17)

The subject is placed before the Board for deliberation on different options and suitable direction.

Subject: 21/20 - Construction of new road over Bridge in GKVK campus.

The Deputy Chief Engineer (DCE) / Central Bangalore cantonment has submitted a proposal to Karnataka Biodiversity Board. The Railways is doubling the over bridge in lieu of existing Road over bridge No 520 A, which is serving to University of Agricultural Sciences.

It is proposed by the Railways to take up the doubling work duly dismantling the existing Road over Bridge.

A temporary level crossing is proposed at this location till the completion and commissioning of new Road over Bridge. In order to make temporary level crossing, 7 trees are involved. Since this area comes under GKVK Heritage Site, they have asked for permission for this temporary level crossing which needs removal of 7 trees.

The proposal is placed before the Board for permitting the Deputy Chief Engineer / Central, Bangalore Cantonment with following conditions (Annexure-18)

- 1. A committee comprising of one member from Karnataka Biodiversity Board, Experts from University of Agricultural Sciences, Bangalore should inspect the land for construction of Road over Bridge.
- 2. Construction of new road over the Bridge should not harm the biodiversity of the Biodiversity Heritage Site.
- 3. The area should be restored after four months by GKVK and the expenditure shall be borne by Railways.
- 4. The Estate wing of University of Agricultural Sciences will submit an estimate for restoration of the site in advance. The Railways has to bear all the cost for restoration.

The subject is placed before the Board for information and suitable direction.

Subject: 21/21 - Project on the river diversion of Netrawati / Yettinahole in Western Ghats.

Sri. Vijay Kumar, Ex-MLA and president Western-ghats river water conservation and Biodiversity protection society has given a representation to National Biodiversity Authority to consider the project on Netravathi and Yettinahole quoting reasons of environmental hazards. National Biodiversity Authority has asked Karnataka Biodiversity Board to examine and submit the findings.

A committee may be constituted to assess the feasibility of the project keeping in mind the impact of this project on Biodiversity. The expenditure on such report may be borne by the National Biodiversity Authority. (Annexure-19)

The subject is placed before the Board for deliberation and necessary direction.

Subject: 21/22 - Formation of Expert Committee to review the reports on various Projects of the Research/Studies submitted by various agencies

Karnataka Biodiversity Board has asked different organizations for conducting studies in subjects of importance to Biodiversity.

Following Agencies have submitted the draft / final reports about the study. The draft / final reports need to be reviewed.

Sl	Name of the Project	Implementing Agency	Status
No			
1	Project on Protection, Conservation	Dr. Jayashankar	Draft Report submitted
	and Cultivation method for Wild	Dept.of Microbiology,	
	Banana in Kodagu District.	Madikeri.	
2	Baseline Profiling of Cultural -	INDIICUS, Tarikere	Final report submitted
	Heritage of Biodiversity in selected		
	Eco-zones of Karnataka		
3	Establishment of Dry zone	IAIM, Bangalore	Final report submitted
	Biodiversity	_	-
	In-Situ Conservation sites network in		
	Karnataka		

4	Establishment of Herbarium and Botanical Museum of Plants of Western Ghats of Pilikula Nisarga Dhama	Pilikula Nisarga Dhama Society, Mangalore	Under Progress. A committee is already formed. The committee inspected and reported. Accordingly, progress is reviewed. Meeting of the committee was held on 15/10/2013 to review the work.
5	Floristic diversity, Ecological Uniqueness and Conservation strategies of riparian flora of Netravati river system in Western Ghats range of Dakshina Kannada.		Final report submitted Kannada version not submitted
6	Integrated Ecological Carrying Capacity Study of Uttara Kannada District	Center for Ecological Sciences, IISC, Bangalore	Final report submitted
7	Genetic diversity studies of the Mango Population in Kirugavalu Village of Malavalli taluk.	Dr. R. Nandini, Asst. Professor, GKVK, UAS, Bangalore	Final report submitted
8	Developing a Web-based Atlas depicting the spatial patterns of the Biodiversity of Karnataka.	Ashoka Trust for Research in Ecology and Environment (ATREE), Bangalore	Awaited for Beta version

The same is placed before the Board with a request to constitute a committee for each of the above mentioned projects with at least one member of the Board in the committee.

Sd/-Member Secretary Karnataka Biodiversity Board