



Nature Mates-Nature Club

4/10A Bijoygarh, Kolkata-700032

Annual Report 2011-12

Regular Works

1. Maintenance of Banabitan Butterfly Garden

We are maintaining this garden since 2010. During this financial year approximately 2500 numbers of butterflies were released. 15 new life cycles were documented.

Other Works

2. We have assisted Centre for Contemporary Communication to do the Status Survey of Parks of Kolkata. The Report were prepared and submitted to CCC.
3. We have been assigned to assist the Wildlife Division II, Department of Forest, Government of West Bengal, to do the documentation of Butterfly fauna at Gorumara National Park. The work has been started during September 2011.
4. Many wildlife were rescued from in and around Kolkata and were given to the DRC Saltlake.
5. We have cleaned and restored the Santragachhi Jheel during September – November 2011. It was a huge success. Media covered our work with a lot of praise.
6. We are assigned by Creative Hortifirms Pvt Ltd to prepare a Biodiversity Status Report of their property at Panchla, named “Country Roads”. The work has started during July 2011.
7. We are assigned by GGL Hotel and Resort Company Ltd., Amubuja Reality to prepare a Biodiversity Status Report of their property at Raichak on Ganges. The work has started during August 2011.



Nature Mates-Nature Club

4/10A Bijoygarh, Kolkata-700032

Annual Report 2012-13

Regular Works

1. Maintenance of Banabitan Butterfly Garden
We are maintaining this garden since 2010. During this financial year approximately 3500 numbers of butterflies was released. 10 new life cycles were documented.
2. We have continued the documentation of Butterfly fauna at Gorumara National Park.
3. We have finished the work of preparing a Biodiversity Status Report of "Country Roads". The final report was submitted to the concerned authority.
4. We have finished the work of preparing a Biodiversity Status Report of Raichak on Ganges. The final report was submitted to the concerned authority.

Other Works

5. We are assigned to create and Maintain a Butterfly garden at Eden Garden.
We have started the work during May 2012. The laboratory is now functioning. We have started raring butterflies in the lab. Till March 2013 around 1000 butterflies were released from this laboratory.
6. We are assigned to enhance the Biodiversity at Eco-space Newtown Kolkata by Millennia Infrastructure Pvt. Ltd since September 2012. The work is going on and we have started plantation and have released a good number of native fish in the newly created artificial pond. Also 8 numbers of Ducks were kept and are regularly maintained.
7. We are assigned to undertake the Project of Establishment of a Butterfly Garden at Presidency University, Kolkata during January 2013. The work has already started and is in initial stage.
8. Many wildlife were rescued from in and around Kolkata and were given to the DRC Saltlake.
9. We have cleaned the restored the Bikramgarh Jheel during April 2012. The work was supported by various people and organizations. Media has given us good coverage.
10. We have Partially Cleaned the Purbasthali Oxbow Lake, this year too during November 2012. The lake was badly blocked due to uncontrolled growth of water hyacinth. Those were manually cleaned and a navigable route was created to monitor the migratory birds.
11. We have cleaned and restored the Sahid Nagar Bankplot Jheel during March 2013. The Jheel was restored to its original state.



Nature Mates-Nature Club

4/10A Bijoygarh, Kolkata-700032

Annual Report 2013-14

Regular Works

1. Maintenance of Banabitan Butterfly Garden
We are maintaining this garden since 2010. During this financial year approximately 4500 numbers of butterflies was released. 9 new life cycles were documented.
2. Maintenance of Eden Garden's Butterfly Garden
We are maintaining this garden since 2012. During this financial year approximately 1500 numbers of butterflies was released. 6 new life cycles were documented.
3. The Status Survey of Butterflies of Gorumara work is completed. The report was published on 18th December 2013 in form of a book entitled "A Pictorial Guide; Butterflies of Gorumara National Park" by the Honorable Forest Minister of State.
4. The Work at Eco-space is going on in a nice pace. Birds are coming more and more. The Common Kingfisher, Common Kestrel, Indian Cormorant are now a regular visitor at the place. Ducks are doing well and are in good health.
5. The Project of Establishment of a Butterfly Garden at Presidency University, Kolkata was completed during December 2013. The garden was handed over to the Zoology Department for further maintenance.

Other Works

6. We were assigned to do the Bio-diversity Status Report of Chintamani Kar Bird Sanctuary. We completed the work and submitted the report to the concern DFO of the Forest Department, Government of West Bengal.
7. We are now engaged in development and Monitoring of Butterfly Garden at Jhorkhali Tiger Rescue Centre. The work is going on. Results have started coming slowly but steadily.
8. Many wildlife were rescued from in and around Kolkata and were given to the DRC Saltlake.
9. We have Partially Cleaned the Purbasthali Oxbow Lake, this year too during November 2013.
10. We have guided the Kolkata City Group during the iLead India Campaign organized by Times of India Group during September to November 2013. The group has created a Butterfly Garden, an Urban Forest Patch, a Rugby Ground and a Palm Grove under our supervision at the Maidan Area.
11. We have successfully saved at least 5-6 fallen trees at Rabindra Sarovar during May 2013. Those trees were uprooted during Northwester period. We have replanted them with the help of JCB and Hydra after certain treatment. New leaves have come to most of those plants already.



Nature Mates-Nature Club

4/10A Bijoygarh, Kolkata-700032

Annual Report 2014-15

Regular Works

1. Maintenance of Banabitan Butterfly Garden
We are maintaining this garden since 2010. During this financial year approximately 5800 numbers of butterflies was released. 12 new life cycles were documented.
2. Maintenance of Eden Garden's Butterfly Garden
We are maintaining this garden since 2012. During this financial year approximately 3200 numbers of butterflies was released. 10 new life cycles were documented.
3. Maintenance of Ecopark Butterfly Garden
We have started maintenance of this garden from this year. During this financial year approximately 3800 numbers of butterflies was released. 28 life cycles were documented.
4. The Work at Eco-space is going on in a nice pace. Birds are coming more and more. The Common Kingfisher, Common Kestrel, Indian Cormorant, Bulbul, Black Drongo etc. are now a regular visitor at the place. Ducks are doing well and are in good health.
5. Monitoring of Butterfly Garden at Jhorkhali Tiger Rescue Centre is going on with good results.
6. Taking classes on environmental aspects in Future Campus School is running on a regular basis.

Other Works

7. We were assigned to do the Butterfly Diversity of West Bengal covering all the PA and non PA Forest Areas. We completed the work and submitted the report to the Forest Department, Government of West Bengal.
8. We have done Creek Mapping of Chulkathi Forest Block in Sunderban biosphere Reserve, South 24 Parganas. Report along with generated maps is submitted to the Forest Department.
9. We have started the development and Establishment of Butterfly Garden at Rasik Bill Mini Zoo under Zoo authority of India. DPR Submitted and Project is going well.
10. Lots of wildlife were rescued from in and around Kolkata and were given to the DRC Saltlake.
11. We were assigned to take the revival initiatives of Bhagabatpur Crocodile Project by Department of Forest, South 24 Parganas. From egg collection we assisted the project and in hatching of eggs, feeding of hatchlings, their growth, releasing of adult crocodiles in the wild from old stock, we took a major part. Report is submitted to the forest department.
12. We have done Bio-diversity Survey of Parks under Urban Recreation Forestry Division North Circle, in Jalpaiguri and Coochbehar Districts. Project report submitted with the publication of a book entitled "Udyane Jeeboichitra" by the Forest Department.
12. We have cleaned the Shahidnagar Bank Plot Jheel, this year again.

13. With the follow up of the iLead India Campaign organized by Times of India Group we have prepared a Green Book on Maidan.
14. We were assigned to do the Bio-diversity Status Report of Lothian Wildlife Sanctuary. We completed the work and submitted the report to the concern DFO of the Forest Department, Government of West Bengal.
15. We were assigned to do the Bio-diversity Status Report of Haliday Island Wildlife Sanctuary. We completed the work and submitted the report to the concern DFO of the Forest Department, Government of West Bengal.
16. We have done Bio-diversity Survey of Parks under Urban Recreation Forestry Division South Bengal, in Kolkata, Nadia and North 24 Parganas Districts. Project report submitted.
17. We have successfully saved at least 5-6 fallen trees at Rabindra Sarovar during May 2013. Those trees were uprooted during Northwester period. We have replanted them with the help of JCB and Hydra after certain treatment. New leaves have come to most of those plants already.



Nature Mates-Nature Club
4/10A Bijoygarh, Kolkata-700032

Annual Report 2015-16

Regular Works

1. Maintenance of Banabitan Butterfly Garden
We are maintaining this garden since 2010. During this financial year approximately 5950 numbers of butterflies was released. 3 new life cycles were documented.
2. Maintenance of Eden Garden's Butterfly Garden
We are maintaining this garden since 2012. During this financial year approximately 3570 numbers of butterflies was released. 4 new life cycles were documented.
3. Maintenance of Ecopark Butterfly Garden
We are maintaining this garden from 2014. During this financial year approximately 8200 numbers of butterflies was released. 6 new life cycles were documented.
4. The Work at Eco-space is going on in a nice pace. Birds are coming more and more. The Common Kingfisher, Common Kestrel, Indian Cormorant, Bulbul, Black Drongo etc. are now a regular visitor at the place. Ducks are doing well and are in good health.
5. Maintenance of Ramsai Butterfly Garden at Gorumara National Park
We are maintaining this garden since 2015. During this financial year approximately 1300 numbers of butterflies was released. 35 species of butterflies life cycles were documented during this year.
6. Taking classes on environmental aspects in Future Campus School is running on a regular basis.
7. Survey work is going for the project Butterflies of Buxa Tiger Reserve with emphasis on Butterfly-plant interaction at Buxa Tiger Reserve area.

Other Works

01. We were assigned to do the Bio-diversity Status Report of Mayapur Isckon Temple Project. We completed the work and submitted the report to the concern authority.
02. Lots of wildlife were rescued from in and around Kolkata and were given to the DRC Saltlake.
03. We were assigned to do the night survey for amphibians and reptiles at Ffort Raichak, Raichak by Bengal Ambuja. Report is submitted to the authority.
04. We have done a tree transplantation work at Zoo Garden Alipore, under Zoo authority.
05. We arranged a wildlife photography workshop at the library office and Banobitan Biodiversity Park, Kolkata.
06. Feedback Infra Private Limited has assigned us for doing the 'Bio-diversity Survey & Assessment near and around the road sections (Km 86+00 to 93+00 and Km 96+00 to 100+00) passing at Chincholi WLS and other area of the project road'. The final report was submitted.
07. We arranged a Moth watch workshop at Safari Park, Rabindra Sarobar, Kolkata, for Moth week celebration with the members.
08. We have started the development of a butterfly garden at Modern High School with the students

09. We have set up butterfly gardens at Bhairab Ganguly College campus at Belghoria and Jogesh Chandra College, Kolkata during this year.
10. Naturemates Award Programme was celebrated on the birthday of Nature Mates, Mr. S Patra was given the Nature Mates Award.
11. Tree Census work done at Rabindra Sarovar area.
12. Sunderbaner Kichhu Porichito Foring book released.
13. A big pipul tree was transplanted from Panditiya Road to Chetla Area.
14. Total 8 numbers of Msc. Students, 4 from West Bengal State University, 2 from Calcutta University, 1 from Nalanda University and 1 from Pune University, did their dissertation project for fulfilling their master degree under Arjan Basu Roy, secretary of NM-NC at Ecopark (6), Banobitan(1) and Eden Garden(1).



Nature Mates-Nature Club
4/10A Bijoygarh, Kolkata-700032

Annual Report 2016-17

Regular Works

1. Maintenance of Banabitan Butterfly Garden
We are maintaining this garden since 2010. During this financial year approximately 5875 numbers of butterflies were released. 1 new life cycle was documented.
2. Maintenance of Eden Garden's Butterfly Garden
We are maintaining this garden since 2012. During this financial year approximately 3200 numbers of butterflies were released. 1 new life cycle was documented.
3. Maintenance of Ecopark Butterfly Garden
We are maintaining this garden from 2014. During this financial year approximately 10000+ numbers of butterflies were released. 6 new Butterfly life cycles were documented along with a few Moth life cycles.
4. The Work at Eco-space is going on in a nice pace. Birds are coming more and more. The Common Kingfisher, Common Kestrel, Indian Cormorant, Bulbul, Black Drongo etc. are now a regular visitor at the place. Ducks are doing well and are in good health.
5. Maintenance of Ramsai Butterfly Garden at Gorumara National Park
We are maintaining this garden since 2015. During this financial year approximately 1800 numbers of butterflies were released. 3 new life cycles were documented during this year.
6. Classes on environmental aspects in Ramakrishna Mission Vidyalaya, Narendrapur is running on a regular basis.
7. Survey work is going for the project "Butterflies of Buxa Tiger Reserve with emphasis on Butterfly-plant interaction" at Buxa Tiger Reserve area.

Other Works

1. We have set up butterfly garden and conducted Bio diversity Status Survey at Itachuna Rajbari, Khanyan, Hooghly district.
2. Creation of butterfly garden and Bio-diversity Status Survey at Narendrapur Ramakrishna Mission School, Narendrapur.
3. We have done plantation of 100 trees beside the Canal opposite to URBANA Housing Complex, funded by Bengal NRI.
4. We have done tree transplanted (Pipul Tree) from Ashutosh Mukherjee Road to Chetla Forest.
5. Arcadis India Private Limited has assigned us a project entitled "Monitoring support for Bird and Bat Study for Wind Power Projects in Sangli, Maharashtra and Jaisalmer, Rajasthan, India", which was successfully completed.

6. Arcadis India Private Limited has assigned us a project entitled "Rapid Ecological Assessment near Coimbatore, Tamil Nadu, India", which was successfully completed.
7. Arcadis India Private Limited has assigned us for performing "Rapid Ecological Assessment at Taralakatti, Karnataka, India", which was successfully completed.
8. Participated in "Swachh Bharat Abhiyan" campaign in Bhagabatpur Crocodile Project during June 2016.
9. An awareness meeting was arranged at Christopher Road Government Sponsored School with the students to discuss health and hygiene issues and also career in Wildlife Studies.
10. A Spathodia Tree near Raj Bhavan Gate was successfully restored.
11. We have transplanted 4 trees at Shyamaprasad College Campus, Sirty.
12. We were involved in Transplantation of trees of Nandan Campus assigned to us by PWD. Around 200 trees were transplanted.
13. We have done Transplantation of trees for Road widening at NKDA area of New Town. Around 450 trees were transplanted.
14. We hosted Moth –Butterfly India meet, 2016 at Devalsari, Uttarakhand, India in collaboration with Diversity India Yahoo group.
15. We hosted Damselfly India meet, 2017 at Gorumara National Park, West Bengal, India in collaboration with Diversity India Yahoo group.
16. Lots of wildlife were rescued from in and around Kolkata and were given to the DRC Saltlake.
17. We arranged a Nature walk at Ffort Raichak, Raichak during Durga Puja, 2016.
18. We arranged a Naturalist training programme at Bali, Sunderban , West Bengal.
19. We have done a comprehensive tree census at Rabindra Sarobar Lake area. All the big trees of different species found were counted.
20. Sarika Baidya, one of our Governing Body Member had received the prestigious "Darwin Award" and travelled to UK for the said program during September, 2016.
21. We have created a Butterfly Garden at the Ballygunge Campus of Calcutta University under the Zoology Department.
22. Naturemates Award Programme was celebrated on the birthday of Nature Mates, Mr. Aritra Kshetry and Mr. Kushal Mookherjee were given the Nature Mates Award.
23. A Copper Pod tree was transplanted at the Sambhunath Pandit Hospital Campus during February 2017.
24. We hosted the first Spider India Meet in February 2017 at Kolkata in collaboration with Diversity India Yahoo group.
25. We participated in All-India Synchronized Elephant Population Estimation during March 2017 at Gorumara National Park, West Bengal, India.
26. Started the Butterfly Garden at the American Consulate Campus since March, 2017.
27. 2 Msc. Students, from Calcutta University, did their dissertation project for fulfilling their master degree under Arjan Basu Roy, secretary of NM-NC at Ecopark.
28. Nature Mates conducted an excursion in Buxa Tiger Reserve with the Zoology department of Vijaygarh Jyotish Ray College.



Nature Mates-Nature Club
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Annual Report 2017-18

Regular Works

1. Maintenance of Banabitan Butterfly Garden
We are maintaining this garden since 2010. During this financial year approximately 5500+ numbers of butterflies were released. 1 new life cycle was documented.
2. Maintenance of Ecopark Butterfly Garden
We are maintaining this garden from 2014. During this financial year approximately 10000+ numbers of butterflies were released. 8 new Butterfly life cycles were documented along with a few Moth life cycles.
3. The Work at Eco-space is going on in a nice pace. Birds are coming more and more. The Common Kingfisher, Common Kestrel, Indian Cormorant, Bulbul, Black Drongo etc. are now a regular visitor at the place. Ducks are doing well and are in good health.
4. Maintenance of Ramsai Butterfly Garden at Gorumara National Park
We are maintaining this garden since 2015. During this financial year approximately 1800 numbers of butterflies were released. 3 new life cycles were documented during this year.
5. Maintenance of Rajabhatkhawa Butterfly Conservatory at Buxa Tiger Reserve
Initial survey work was completed for the project "Butterflies of Buxa Tiger Reserve with emphasis on Butterfly-plant interaction" and butterfly garden has been started at Rajabhatkhawa.
6. Creation of Butterfly Conservatory at Kulik Wildlife Sanctuary, Raigunj under Department of Forest , Government of West Bengal.

Other Works

1. Establishment of Butterfly Garden at American Consulate General Campus, Kolkata.
2. Establishment of Butterfly Garden at Vijoygarh Jyotish Ray College, Kolkata, West Bengal.
3. Biodiversity status survey and Establishment of Butterfly Garden at Rastraguru Surendranath College, Barrackpore, West Bengal.
4. Biodiversity status survey and Establishment of Butterfly garden at WIPRO campus, Sector-V, Kolkata.
5. Making a documentary on Butterflies of Gorumara with emphasis on their life history at Gorumara National Park under Forest Department.
6. Arcadis India Private Limited has assigned us a project entitled "Monitoring support for Bird and Bat Study for Wind Power Projects in Nimbagallu, Andhra Pradesh, India", which was successfully completed.
7. Development of Arboretum and Herbal Garden at Bethuadahari Wildlife Sanctuary.
8. We have done Transplantation and maintenance of trees for Road widening at NKDA area of New Town. Around 450 trees were transplanted.

9. Imparting Refreshers course to Nature Guides of Indian Sunderbans under Sunderban Tiger Reserve at Sajnekhali.
10. Establishment of Nature Club in 15 Schools of Sundarban Tiger Reserve area.
11. Collaborating with Kolkata Society for Cultural Heritage to promote Alternative livelihood Generation program at villages of Sundarban Tiger Reserve area.
12. Significant number of wildlife were rescued from in and around Kolkata and were given to the DRC Saltlake.
13. Nature Mates Award Programme was celebrated on the Birthday of Nature Mates, Mr. Vaishali Bhaumik and Mr. Animesh Basu were given the Nature Mates Award.
14. 1 Msc. Student from West Bengal State University, did her dissertation project for fulfilling their master degree under Arjan Basu Roy, secretary of NM-NC at Ecopark.
15. Ms. Lee McGeorge Durrell, an American naturalist, author, zookeeper and television presenter, best known for her work at the Jersey Zoological Park in the British Channel Island of Jersey visited our Ecopark Butterfly Garden on 18th April 2017
16. Organized a Photography Competition on Wildlife Conservation
17. Corporate walk organized at 9th May with Wipro at their office campus in Salt Lake Sector V.
18. CEE school student visit at Banabitan in June
19. Members of Nature Mates had participated in Wild Otter Workshop at Goa in May 2017.



Nature Mates-Nature Club

4/10A Bijoygarh, Kolkata-700032

naturemates@gmail.com

Annual Report 2018-19

Regular Works

1. Maintenance of Banabitan Butterfly Garden, Kolkata, West Bengal
We are maintaining this garden since 2010. During this financial year approximately 7000+ numbers of butterflies were released.
2. Maintenance of Ecopark Butterfly Garden, Kolkata
We are maintaining this garden from 2014. During this financial year approximately 12000+ numbers of butterflies were released. 5 new Butterfly life cycles were documented along with a few Moth life cycles.
3. The Work at Eco-space is going on in a nice pace. Birds are coming more and more. The Common Kingfisher, Common Kestrel, Indian Cormorant, Bulbul, Black Drongo etc. are now a regular visitor at the place. Ducks are doing well and are in good health.
4. Maintenance of Ramsai Butterfly Garden at Gorumara National Park
We are maintaining this garden since 2015. During this financial year approximately 4000 numbers of butterflies were released. 3 new life cycles were documented during this year.
5. Maintenance of Rajabhatkhawa Butterfly Conservatory at Buxa Tiger Reserve
We are maintaining this garden since 2018. During this financial year approximately 7500+ numbers of butterflies were released. 3 new life cycle was documented.
6. Creation of Butterfly Conservatory at Kulik Wildlife Sanctuary, Raigunj under Department of Forest , Government of West Bengal.
We are maintaining this garden since 2015. During this financial year approximately 4000 numbers of butterflies were released. 7 new life cycles were documented during this year.
7. Establishment and maintenance of Nature Club in 19 Schools of Sundarban Tiger Reserve area.
8. Study on Hornbills at Northern part of West Bengal in collaboration with NCF, with permission from Forest Department.
9. Study on Waders of Sundarban Biosphere Reserve.

Other Works

10. Establishment of Butterfly Garden at Vijoygarh Jyotish Ray College, Kolkata, West Bengal.
11. Establishment of Open air butterfly garden at white house terrace, Kolkata, West Bengal.
12. Biodiversity status survey and Establishment of Butterfly Garden at Rastraguru Surendranath College, Barrackpore, West Bengal.
13. We have done Transplantation and maintenance of 15 trees at 223C, Satin Sen Sarani, Kolkata-54, one Debdaru tree within the premises of M.R. Bangur hospital, 9 trees of Gurudas College premises, 2 trees

at additional Chief Secretary's Building, 12, Ballygunge Circular Road, Kolkata-700019, 39(Thirty nine) nos. Trees in both Eastern and Western flank of E.M.Bye-pass at different stretches between Dhalai Bridge to Starting point of Kamalgazi Flyover portion, 8 trees from Medium Boulevard of MAR Opposite of Biswa Bangla Convention Center at New Town Rajarhat, Kolkata.

14. Collaborating with Presidency University we are working on a WBDST project on "Studies on Butterfly Diversity and Abundance in Southern West Bengal With emphasis on Ecological and biochemical Interactions"
15. Collaborating with NCBS, Bangalore and Forest Department we are working on "Insect Biodiversity Surveys in Buxa Tiger Reserve, Neora Valley National Park, Chilapata Range of Jaldapara Wildlife Division and Kolkata" of West Bengal.
16. Alternative livelihood Generation program at villages of Sundarban Tiger Reserve area through Handloom Gamchha production by Self help group women.
17. Alternative livelihood generation at Indian Sundarban through Agarbati production by Self help group women.
18. Imparting Refreshers course to Nature Guide training at Chilkigarh, Jamboni.
19. Organizing a Field work course in Bio-scope with Zoological Society, University of Calcutta, Kolkata.
20. Collaborating with Wildlife Trust of India, up keepment of Star Tortoises at Salt Lake Wildlife Rescue and Transit facility.
21. Significant number of wildlife was rescued from in and around Kolkata and were given to the DRC Saltlake.
22. Nature Mates Award Programme was celebrated on the Birthday of Nature Mates, Mr. Biswajit Roychowdhury and Mr. Zeeshan Mirza were given the Nature Mates Award.
23. 2 Msc. Student from West Bengal State University, did her dissertation project for fulfilling their master degree under Arjan Basu Roy, secretary of NM-NC at Ecopark.
24. Corporate Nature Walk and Nature Trail Clean Up Programme for DCB Bank at Chetla Forest and Rabindra Sarobar organized with Ladybird Environmental Consulting LLP.
25. Estimation of Lesser Cats at Sundarban Biosphere Reserve with Forest Department.
26. Organized specialized Medical camp and Eye camp at different Ranges of Sundarban Biosphere Reserve.
27. Organized Awareness programme for plastic free Sundarban at various markets in different ranges of Indian Sundarban.
28. Organized Snake awareness programme at JFMC areas of different ranges of Indian Sundarban