

SMALL MAMMALS CONSERVATION AND RESEARCH FOUNDATION



Annual Report
2011-12

Small Mammals Conservation and Research Foundation Annual Report 2011-12

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Photographs by:

Cover: Front- Fishing cat trapped in live trap at Chitwan National Park (photo by Sagar Dahal)

Back- Vegetation at Tinjure-Milke-Jaljala Area at Terhathum and Sankhuwasabha

(Photo by Sanjan Thapa)

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Message from Chair

With the aim of conservation of small mammals', Small Mammal Conservation and Research Foundation (SMCRF) had been established and had made considerable achievement. It has already started the research and conservation work on Bats, Red Panda, Pangolin, Squirrels, Himalayan Marmots, Martins, Pika and other ecological interaction of small mammals and community. The conservation works does not sustain unless local community is awarded about the importance of the small mammals. Now, SMCRF has come up with the proceeding of third seminar on small mammal. It highlighted the effect of climate change on the small mammals through the Third Seminar on the conservation issues, where many scholars participated. Beside this, SMCRF successfully conducted various awareness raising activities such as school children lectures classes, documentary show, and different research training on bat handling, bat acoustic training etc.

Our objectives are being fulfilled with the support and collaboration of National and International organizations; Particularly, Department of National Park and Wildlife Conservation (DNPWC), Nepal, National Trust for Nature Conservation (NTNC), World Wildlife Fund (WWF) Nepal, Critical Endangered Partnership Fund (CEPF), Himalayan Nature (HN), Zoo outreach, Bat Conservation International (BCI), Rufford Small Grants (RSG) deserves special thanks for their continuous support and enthusiasm.

For the successful completion of third year, major contribution goes to its team .Continuous effort for the excellence and all the hardship taken by the team members to establish SMCRF as an organization in such a small time is highly appraised. I love to say this team as a dream team in the field of conservation. This Annual Report is summarizing few such initiatives. While efforts are put together to make this report more instructive and comprehensive however, there are always space for perfection. Valuable suggestion and comments are solicited for its continued improvements.

Thanking You.

Sanjan Thapa

Chairperson

Acknowledgements

Small Mammals Conservation and Research Foundation is proud to come up with the third annual report with another successful year working on conservation activities and scientific researches regarding small mammals. The organization would like to acknowledge everyone who has supported to achieve the goals set and made this year a vital one. Heartfelt gratitude to the advisors, supporting organizations, conservation community and other partners in Nepal. We would like to acknowledge our members and grantees to make this year a successful one. Moreover, we would like to extend our sincere thanks to peer reviewer for their hard work of reviewing seminar papers.

SMCRF Executive Committee 2012

Background

Small Mammals Conservation and Research Foundation is a non-profit making, nongovernmental organization based at Kathmandu, Nepal. It is registered charity 903/065/066 with Government of Nepal and is also registered at Social Welfare Council (29919). It is dedicated to the conservation and research of small mammals within its priority areas and other potential sites throughout Nepal.

Small mammals comprise major proportion (60%) in mammalian diversity of Nepal. But it is still among the least concerned taxa. The research on small mammals is hard to find, so their conservation status are not assessed scientifically on time being. So, the conservation initiative is being made by this organization.

Objectives:

- Fundraising and undertaking projects for conservation initiatives and researches of small mammals
- Organizing workshops/trainings/seminars/community awareness program and conferences regarding small mammals issues
- Publishing relevant articles of different conservationists and researchers through newsletter and journal.
- Supporting freelancers, students, conservationists technically and financially for the conservation and research of the small mammals in the form of thesis/case studies/individual research.
- Respecting conservationists of this field through awards.
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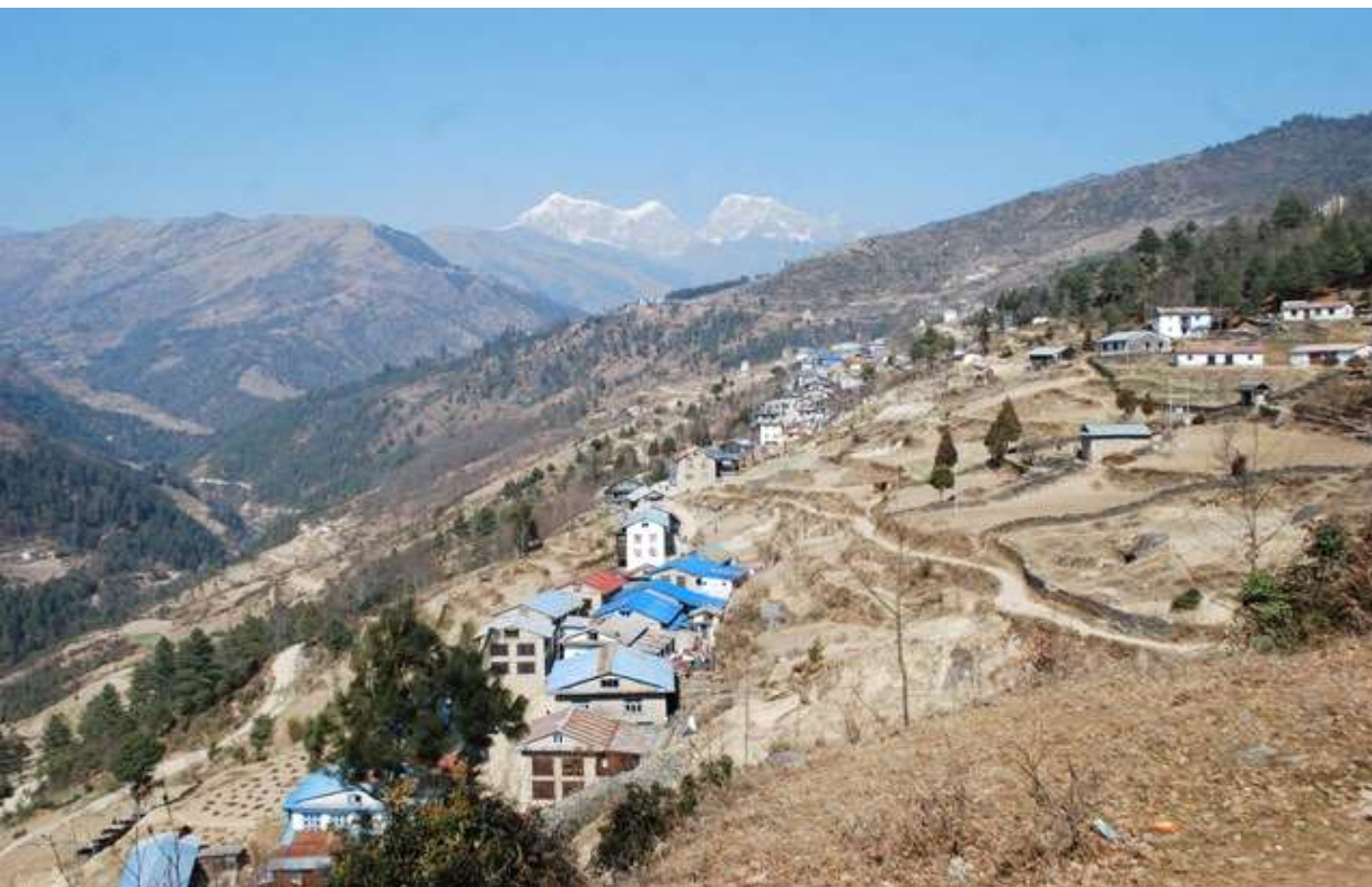
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1. Research and Conservation Activities

SMCRF aims to carry out different kind of research along with conservation activities in the field of small mammals. Various activities have been carried out during this tenure.

1.1 Sagarmatha (Everest) Zone Project



Up: Salleri, Solukhumbu

Downt: Santoshi Pokhrel with bat

The project aims to understand level of knowledge about bats importance in the local people residing the area, document comparative records of the

bat species diversity, population and their habitats in Sagarmatha (Everest) Zone and adopt an awareness creation action to schoolchildren for the conservation of bats and nature for the substantial and long lasting time. Eight sites of four districts in Sagarmatha zone was selected as study sites.

Schedule survey, Mistnetting, Echolocation study, roost search, GIS Mapping, Open-Art competition and Awareness program were methods used. There are two phases of the project. First phase has been completed. Six species were recorded. Pre-awareness schedule survey was conducted amongst 168 participants. Open-Art Competition and Awareness Programme were conducted amongst 101 and 418 schoolchildren in seven and eight schools, respectively. The level of knowledge regarding bats and their importance of ecosystem services was very low. Second phase of the project is remaining in which bat Echolocation study will be more focused



Detecting bat sound by bat detector

1.2 Celebration of International Bat Night

SMCRF celebrate international bat night on August 26, 2012 at Bochepokhari (wetland), Lalitpur. Here, mist net was laid for trapping bats. Although bat could not be captured at that night, it was observed flying over the dim sky. Discussion on bats of Nepal and its ecological importance was made within participants. 15 participants from different colleges, organizations had actively participate in the program and celebrated the bat night. Local people were also excited and got knowledge about the importance of bat conservation initiatives.



Orientation about importance of bats



Participants observing bats

2. Trainings, seminar and conference

2.1 Third Seminar on small mammals' conservation issues

Third seminar on small mammals' conservation issues was completed on May 18, 2012 at Yak Palace, Hotel Narayani, Pulchowk, Lalitpur. In the seminar Keynote speech was given by Hem Sagar Baral. The seminar was focus on research and conservation of small mammals and it facilitate the 6 oral presentations.



A pika from below the Phoksundo Lake, Dolpa ©Bishnu Devkota





2.2 Participation in Students Conference on Conservation Science at Bangalore

The members of SMCRF Sanjan Thapa, Sagar Dahal and Suchita Shrestha participated in the Student's Conference on Conservation Science 2011 and

presented the posters on the different research conducted by them in J.N Tata auditorium Bangalore. The event was organized by Indian Institute of Sciences in collaboration with Cambridge University, United Kingdom.



2.3 Participation in EDGE species training

Mr. Arjun Thapa successfully participated in a month long training on Evolutionary Distinct



Globally Endangered EDGE species training held at NTNC premise Sauraha, Chitwan organized by Zoological Society of London.

2.4 Participation in Small Mammals Field Techniques training in Kerala

Mr. Sagar Dahal and Mr. Sanjan Thapa participated in Small Mammals Field Techniques Training held at college of Forestry, Kerela Agricultural University, Thrissur, Kerela, India from November 10-14, 2011.



2.5 Participation in International Bat Acoustic Workshop 2012



Mr. Sanjan Thapa, Bat Conservation Officer, SMCRF participated in the International Bat Acoustic Workshop held during April 22-25, 2012 at Kalakkad-Mundathurai Tiger Reserve, Tamilnadu, India. Presentation sessions as well as field sessions were in the course. Use and analysis of bats sounds detected by ANABAT and Pettersson bat detectors were taught.

2.6 Bat Acoustics Training at CDES and CDZ

After participating in International Bat Acoustics workshop-2012, Mr.

Sanjan Thapa facilitates

the Bat Acoustics Training at Central Department of Environmental Science (CDES) and Central Department of Zoology (CDZ). 10 students from each department participate in the training for 2 days. Participants were trained to use Bat Scan software and were also made familiar with the different kind of bat detector.



3. Instrument Support

In year 2012, SMCRF was granted equipment support including seven Camera traps, a GPS and a laptop by Idea wild and Dr. Jim Sanderson, We thank them heartily.

Idea Wild has also supported Pettersson ultrasound detector D 200 to Mr. Sanjan Thapa for the Sagarmatha zone project.



Up right: Mr. Sanjan Thapa operating Pettersson D200 bat detector at Haleshi cave, Khotang District



Down left: A camera trap used in field.

ANNEXES

Small Mammals Conservation and Research Foundation

Financial Statement (unaudited)

Balance Sheet

As on 31st Ashad 2069

Particulars	Annexure	Current Year	Previous Year
<u>Capital & Liabilities</u>			
Reserve & Surplus	1	34,728.00	45,282.00
Borrowing	2	7,736.00	7,736.00
Income Tax	6	1,800.00	750.00
Auditor Fee	5	5,000.00	4,250.00
Total		49,264.00	58,018.00
<u>Assets & Properties</u>			
Fixed Assets	4	26,839.00	29,153.00
Cash & Bank Balance	3	22,425.00	28,825.00
Total		49,264.00	58,018.00

Treasurer

Chairperson

Auditor

Small Mammals Conservation and Research Foundation

Financial Statement (unaudited)

Reserve & Surplus

F.Y. 2068/069

Annexure-1

Particulars	Current Year	Previous Year
A) Saving Profit & Loss Account Previous year	45,282.00	19,951.00
B) Saving Profit & Loss Account Current year	(10,554.00)	25,331.00
Total	34,728.00	45,282.00

Borrowing

F.Y. 2068/069

Annexure-2

Particulars	Current Year	Previous Year
Loan from Treasurer, Sagar Dahal	7,736.00	7,736.00
Total	7,736.00	7,736.00

Cash & Bank Balance

F.Y. 2068/069

Annexure-3

Particulars	Current Year	Previous Year
A) Cash & Bank Balance	28,825.00	28,825.00
Total	22,425.00	28,825.00

 Treasurer

 Chairperson

 Auditor

Small Mammals Conservation and Research Foundation

Financial Statement (unaudited)

Auditor Fee

F.Y. 2068/069

Annexure-5

Particulars	Current Year	Previous Year
A) Audit Fee Payable	5000.00	4,250.00
Total	5000.00	4,250.00

Income Tax

F.Y. 2068/069

Annexure-6

Particulars	Current Year	Previous Year
A) Rent Tax	1800.00	0.00
B) Audit Fee Tax	0.00	750.00
Total	1,800.00	750.00

 Treasurer

 Chairperson

 Auditor

Small Mammals Conservation and Research Foundation

Financial Statement (unaudited)

Income & Expenditure Account

Fiscal Year 2068/2069

Particulars	Current Year	Previous Year
<u>A) Income</u>		
1. Membership Fee	13,500.00	2,400.00
2. Donation from Himalayan Nature	10,000.00	16,375.00
3. Donation from National Trust for Nature Conservation	37,500.00	34,500.00
4. Donation from WWF Nepal	10,000.00	25,500.00
5. Donation from Friends of Nature	0.00	10,000.00
5. Donation from Sanjan Thapa	4,500.00	14,000.00
6. Donation from Arjun Thapa	0.00	14,000.00
(A)Total	75,500 .00	1,16,775 .00
<u>B) Expenditure</u>		
1. Rent	18,000.00	0.00
2. National Seminar	41,250.00	68,340.00
3. Web Site Renew	4,500.00	5,000.00
4. Telephone Charge	1,572.00	3,000.00
5. Registration & Renew	1,750.00	1,750.00
6. Printing & Stationary	1,684.00	3,290.00
7. Donation	5,000.00	0.00
8. Audit Fee	5,000.00	5,000.00
9. Depreciation	7,298.00	5,064.00

(B) Total	86,054.00	91,444.00
Total Profit & Loss (A-B)	(10,554.00)	25,331.00

Treasurer

Chairperson

Auditor

Small Mammals Conservation and Research Foundation

Financial Statement (unaudited)

Cash Flow Statement

For the year ended 31st Ashad 2069

Particulars	Current Year	Previous Year
<u>A) Cash Flow from Operational Activities</u>	(1,456.00)	30,075.00
Profit (Loss) after income tax (10,554.00)		
Add: Depreciation <u>7,298.00</u>		
Cash flow before change in changeable capital (3,256.00)		
Increase/decrease in current assets 0.00		
Increase/decrease in current Liabilities 0.00		
Increase/decrease in Deposit <u>1,800.00</u>	(4,944.00)	(14,000.00)
<u>B) Cash flow from investing activities</u>		

Purchase of fixed assets	(4,944.00)		
<u>C) Cash Flow from Financing Activities</u>			
Increase/decrease in share capital	0.00	0.00	0.00
Increase/Decrease in net Cash Flow (A+B+C)		(6,400.00)	16,075.00
Opening Balance of Cash and Bank Balance		28,825.00	12,750.00
Closing Balance of Cash and Bank Balance		22,425.00	28,825.00

 Treasurer

 Chairperson

 Auditor

Small Mammals Conservation and Research Foundation

Financial Statement (unaudited)

Statement of Fixed Assets

F.Y. 2068/69

Annexure

Particulars	Rate of Dep.	Cost Price			Depreciation			Balance		
		Previous Year	Current Year	Total	Previous Year	Current Year	Total	Previous Year	Current Year	Total
Furniture	25%	29,193.00	4,944.00	34,137.00	7298.00	0.00	7298.00	21,895.00	4,944.00	26,839.00
Current Year Total		29,193.00	4,944.00	34,137.00	7298.00	0.00	7298.00	21,895.00	4,944.00	26,839.00
Previous Year Total		20,257.00	14,000.00	34,257.00	5064.00	0.00	5064.00	15,193.00	14,000.00	29,193.00

 Treasurer

 Chairperson

 Auditor

Small Mammals Conservation and Research Foundation

Financial Statement (unaudited)

Trail Balance

For the year ended 31st Ashad 2069

Particulars	Debit Amount	Credit Amount
1. Rent	18,000.00	
2. National Seminar	41,250.00	
3. Web Site Renew	4,500.00	
4. Telephone Charge	1,572.00	
5. Registration & Renew	1,750.00	
6. Printing & Stationary	1,684.00	
7. Donation	5,000.00	
8. Audit Fee	5,000.00	
9. Depreciation	7,298.00	
10. Furniture	26,839.00	
11. Cash and Bank Balance	22,425.00	
12. Membership Fee		13,500.00
13. Donation from Himalayan Nature		10,000.00
14. Donation from National Trust for Nature Conservation		37,500.00
15. Donation from WWF Nepal		10,000.00
16. Donation from Sanjan Thapa		4,500.00
15. Reserve Surplus of Previous Year		45,282.00
17. Borrowing from Sagar Dahal		7,736.00
18. Audit Fee		5,000.00
19. Income Tax Provision		1,800.00
Total	1,35,318.00	1,35,318.00

Advisory Board

Prof. Paul A. RACEY

Chair

IUCN SSC Chiroptera Specialist Group, and
Regius Professor of Natural History (Emeritus)
School of Biological Sciences
University of Aberdeen
Tillydrone Avenue, Aberdeen, AB242TZ, Scotland

Sally WALKER

Founder

Zoo Outreach Organization
Peelamedu, Coimbatore 641004, Tamil Nadu, India

Prof. Dr. Thomas H. KUNZ

Director

Center for Ecology and Conservation Biology
Department of Biology
Boston University
Boston, MA 02215, USA

Prof. Dr. Andrew T. SMITH

President's Professor and Parents Association
Professor

Chair, IUCN/SSC Lagomorph Specialist Group
Distinguished Sustainability Scientist
School of Life Sciences
Arizona State University
Tempe, AZ 85287-4501

Dr. Gabor CSORBA

Deputy Director and Curator of Mammals
Department of Zoology
Hungarian Natural History Museum
H-1083 Budapest, Ludovika ter 2. Hungary

Founders



Arjun THAPA



Tulshi Laxmi SUWAL



Bishnu TIMILSHINA



Anita SHRESTHA



Suchita SHRESTHA



Sanjan Bahadur THAPA



Sagar DAHAL

Ang Phuri SHERPA

WWF Nepal Program,
Baluawatar, Kathmandu , Nepal

Dr. Sarala KHALING

Regional Director
Ashoka Trust for Research in Ecology and the
Environment
Regional Office Eastern Himalaya,Gangtok, Sikkim,
India

Dr. B.A. DANIEL

Scientist
Zoo Outreach Organization
Peelamedu, Coimbatore, Tamil Nadu, India

Geeta SHRESTHA

Chair
Nepal Action Trust for Resource Utility, NATURE
Bijuli Bazaar, New Baneshwor, Kathmandu, Nepal

Dr. Hem Sagar BARAL

Technical Advisor
Himalayan Nature
Lazimpat, Kathmandu

Juddha Bahadur GURUNG

Member Secretary
National Trust for Nature Conservation
Satdobato, Lalitpur, Nepal

Dr. Shant Raj JNAWALI

Director-Terai Environment
National Trust for Nature Conservation
Satdobato, Lalitpur, Nepal

Life Members

- Dibya Raj Dahal
- Rajesh Goit
- Rameshwor Ghimire
- Sunil Thapa
- Narayan Lamichhane
- Kaustuv Raj Neupane
- Hem Bdr. Katuwal
- Rama Karki
- Punya Prasad Sapkota
- Sabina Koirala
- Sangita Pant
- Rama Mishra

Executive Board

Sanjan Thapa	Chairperson
Hem Bahadur Katuwal	Secretary
Narayan Lamichhane	Treasurer
Rama Karki	Member
Kaustuv Raj Neupane	Member
Sangita Pant	Member
Sabina Koirala	Member
Rama Mishra	Member

