

LIST OF ONGOING RESEARCH PROJECTS OF WILDLIFE INSTITUTE OF INDIA

Sl. No.	Title of the Project/ Name of the PIs	Date of initiation/ completion	RAC/ TRAC in which approved	Approved Budget (in Rs.)
WII Grant-in-aid Projects				
1.	Ecology of otters in Corbett Tiger Reserve: Impact of Kalagarh reservoir on the habitat use pattern. (Dr. S.A. Hussain)	Nov. 21, 2000 to Nov. 20, 2004	IV-TRAC' 1999	7,82,400.00
2.	The ecology of the leopard in Satpura National Park and Bori WLS. (Shri Qamar Qureshi & Dr. Ravi Chellam*) *Dr. Ravi Chellam, PI on deputation to UNDP	July 9, 2001 to July 8, 2006	V-TRAC' 2000	38,72,592.00
3.	Characterisation of species from bone, tusk, rhino horn and antler to deal with wildlife offence cases. (Dr. S.P. Goyal)	July 2, 2001 to July 1, 2006	V- TRAC' 2000	42,60,000.00
4.	Social organisation and dispersal in Asiatic lions. (Dr. Y.V. Jhala, & Shri B.J. Pathak, CF(WL), Junagadh Circle) * Dr. Ravi Chellam, PI on deputation to UNDP	Mar. 8, 2002 to Mar. 7, 2007	V-TRAC' 2000	62,40,989.00
5.	Conservation genetics of marine turtles on the mainland and island coasts of India. (Shri B.C. Choudhury)	July, 2001 to June 30, 2004	Revised project proposal was approved in VI-TRAC' 2001	26,92,000.00
6.	Developing a Spatial Conservation Protocol for Central Indian Highlands through a Biogeographical Analysis of Birds and Existing Protected Area Network: A Geographical Information Systems Approach. (Shri Qamar Qureshi, Dr. Ravi Chellam* & Dr. Jagdish Krishnaswamy, ATREE, Bangalore) * Dr. Ravi Chellam, PI on deputation to UNDP	Feb. 9, 2001to Feb. 8, 2006	V-TRAC' 2000	33,92,509.00
7.	Diversity and rarity in floral and avifaunal assemblages in the Western Himalaya: A study of patterns and mechanisms to devise viable biodiversity conservation strategies. (Dr. V.B. Mathur, WII; Dr. Kevin J. Gaston, Univ. of Sheffiled, UK &Dr. P.S. Roy, IIRS, Dehra Dun)	July 2, 2001to July 11, 2005	V-TRAC' 2000 One year 'No Cost' Extn. Granted by the X-TRAC	Revised Budget Rs. 9,97,600.00 Approved by the Director, WII

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8.	Conservation ecology of an isolated population of gaur (<i>Bos gaurus</i>) in Trishna WLS, Tripura. (Dr. Atul Gupta & Dr. K. Sankar)	Nov. 13, 2001 to Nov. 12, 2004	V-TRAC' 2000	18,34,800.00
9.	Ecology of the Dhole (<i>Cuon alpinus</i> Pallas) in Central India. (Dr. A.J.T. Johnsingh & Dr. K. Sankar)	Jan. 10, 2001 to Jan. 9, 2005	V-TRAC' 2000 One year 'No Cost' Extn. granted by the X-TRAC	Revised Budget 15,47,550.00
10.	An ecological reconnaissance of colonial nesting birds in Bhitarkanika mangroves, Orissa, India. (Dr. Bivash Pandav & Dr. S.K. Kar, <i>Research Officer, O/o CWLW, Orissa</i>)	Jan. 1, 2004 to Dec. 31, 2007	VI-TRAC' 2001	4,84,400.00
11.	An evaluation of the endemism of the amphibian assemblages from the Western Ghats using molecular techniques. (Dr. Karthikeyan Vasudevan)	Jan. 17, 2003 to July 16, 2005	VI-TRAC' 2001	7,98,000.00
12.	Status and ecology of leopard in Pauri Garhwal. Phase-II: Ranging patterns and reproductive biology of leopard (<i>Panthera pardus</i>) in Pauri Garhwal Himalayas. (Dr. S.P. Goyal)	July 1, 2002 to June 30, 2006 Work in this project initiated with the balance funds in Phase-I	VI-TRAC' 2001	37,93,900.00
13.	Strengthening field conservation through ecological studies, capacity building and conservation awareness in the Ladakh Trans – Himalayas: A collaborative initiative. (Dr. V.B. Mathur & Dr. Yash Veer Bhatanagar, Dr. G.S. Rawat, Sh. Qamar Qureshi, Dr. B.S. Adhikari) Collaborators : ISLT, SLC, CEE & IIRS, Dehra Dun	Aug. 16, 2002 to Mar. 31, 2005	VII-TRAC' 2002	28,50,000.00

**WII Grant-in-aid projects approved by the TRAC in its VII-Meeting held on 5.2.2002
(STATUS – Approved Projects)**

14.	Ecology of marine turtles in the Lakshadweep Islands, India, with a focus on Hawksbill turtles (<i>Eretmochelys imbricata</i>). (Shri B.C. Choudhury)	Proposed tenure of initiation & completion (15 months)	VII-TRAC' 2002	3,85,000.00
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15.	An assessment of eco-development initiatives in Periyar Tiger Reserve. (Dr. Ruchi Badola)	Proposed tenure of initiation & completion (One year)	VII-TRAC' 2002	1,00,000.00

**WII Grant-in-aid projects approved by the TRAC in its VIII-Meeting held on 25.10.2002
(STATUS – Approved Projects)**

16.	Evaluation of the status of grasslands within eastern Terai using Remote Sensing and GIS Technologies: A landscape approach to conservation. (Dr. V.B. Mathur & Sh. Qamar Qureshi)	Apr. 1, 2003 to Mar. 31, 2005	VIII-TRAC' 2002	Revised Budget 9,50,000.00
17.	Ecological monitoring of Gir* (Dr. Y.V. Jhala)	Jan. 6, 2004 to Jan. 5, 2007	VIII-TRAC' 2002	29,16,000.00
18.	Developing power fence manual for teaching and training purposes. (Dr. N.P.S. Chauhan)	Proposed tenure of initiation & completion (One year)	VIII-TRAC' 2002	80,000.00
19.	Study for assessment and inventory of the herpetofaunal diversity of Nicobar Islands, India. (Sh. B.C. Choudhury)	Proposed tenure of initiation & completion (One year)	VIII-TRAC' 2002	4,26,600.00

**WII Grant-in-aid projects approved by the TRAC in its IX-Meeting held on 13.02.2003
(STATUS – Approved Projects)**

20.	Comparison of tiger (<i>Panthera tigris</i>) population estimated using non-invasive techniques of Pugmark, Camera Trap and DNA based analysis of hair and scat in Ranthambore Tiger Reserve (Dr. S.P. Goyal, Dr. K. Sankar & Sh. Q. Qureshi)	Proposed tenure of initiation & completion (18 months)	IX-TRAC' 2003	18,61,400.00
21.	Monitoring the changes in biological diversity after relocation of <i>gujjars</i> in Rajaji-Corbett Conservation Area. (Dr. Karthikeyan Vasudevan, Dr. A.J.T. Johnsingh & Dr. Bivash Pandav)	Dec. 17, 2003 to Dec. 16, 2008	IX-TRAC' 2003	8,87,805.00

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22.	Current status and conservation of the Nicobar Megapode <i>Megapodious nicobarensis</i> . (Dr. K. Sivakumar)	Proposed tenure of initiation & completion (Six months)	IX-TRAC' 2003	1,67,000.00
23.	A study on the status and impact of introduced Chital <i>Axis axis</i> on habitats and its management in Andaman Islands. (Dr. K. Sivakumar)	Proposed tenure of initiation & completion (Two years)	IX-TRAC' 2003	8,94,600.00 (50% of the total funding will be given by the Forest Dept., Andamans)
24.	Understanding and regulating conflict through population control of the free ranging leopards in Junnar Division, Maharashtra. (Dr. Y.V. Jhala)	Proposed tenure of initiation & completion (Five years)	IX-TRAC' 2003	56,60,000.00 (50% of the total funding will be given by the Forest Dept., Maharashtra)

**WII Grant-in-aid projects approved by the TRAC in its X – Meeting held on 10.12.2003
(STATUS – Approved & forwarded for Finance Committee Approval)**

25.	Developing management capabilities for wild pigs damage control in agro-systems in and around Corbett National and Ranthambore Tiger Reserve. (Dr. N.P.S. Chauhan)	Proposed tenure of initiation & completion (Four years)	X-TRAC' 2003	33,11,000.00
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**WII Grant-in-aid projects approved by the TRAC in its XI - Meeting held on 17.03.2004
(STATUS – Approved & forwarded for Finance Committee Approval)**

26.	<i>Panthera tigris</i> genome: Implications in wildlife forensics. (Dr. S.P. Goyal)	Proposed tenure of initiation & completion (Four years)	XI-TRAC' 2003	46,78,500.00
27.	Research and conservation of endangered and threatened fauna of Kutch: An integrated approach. (Dr. Y.V. Jhala)	Proposed tenure of initiation & completion (Five years)	XI-TRAC' 2003	43,87,600.00
28.	Effect of Management Practices on Spider Diversity in Terai Conservation Area (TCA). (Dr. V.P. Uniyal)	Proposed tenure of initiation & completion (Four years)	XI-TRAC' 2003	10,24,000.00
29.	Conservation ecology of Sangai (<i>Cervus eldi eldi</i>) and its wetland habitat. (Dr. S.A. Hussain)	Proposed tenure of initiation & completion (Five years)	XI-TRAC' 2003	64,56,000.00

Sl. No.	Title of the Project/ Name of the PIs	Date of initiation/ completion	RAC/ TRAC in which approved	Approved Budget (in Rs.)
USFWS Collaborative Projects				
30.	Planning and development of interpretive facilities in selected Protected Areas in India. Protected Areas : Panna National Park and Corbett National Park (Shri B.C. Choudhury, Shri Rajiv Bhartari, Smt. Bitapi Sinha), & (Mr. Gary M. Stolz & Ms. Gay Hazol Wood)	Sep. 24, 1998 to Sep. 23, 2003 Grant of Extension till Dec. 31, 2004 is awaited from USFWS		119.90 (in lakhs)
31.	Conservation of Hoolock Gibbon in Northeast India. (Dr. A.K. Gupta)	April 2002 to Aug.2004	USFWS Funded	US\$27890 13,10,830.00 (in Rupees)
Other Sponsored Projects				
32.	Studies on animal-habitat interactions in the Buffer Zone of Nanda Devi Biosphere Reserve. (Dr. S. Sathyakumar & Dr. G.S. Rawat) – MoEF Sponsored	Feb. 11, 2002 for Feb. 10, 2005	Project approved by MoEF	4,49,200.00
33.	All India Co-ordinated research project on Orchids. (MoEF Sponsored & Tropical Botanical Garden and Research Institute, Kerala) (Dr. G.S. Rawat)	June 3, 2002 to June 2, 2007	Project approved & sponsored by MoEF	22,25,650.00
34.	Natural resource ecology and management in the Himalaya. (Collaboration between WII & University of Tromso, Norway) Sponsored by NORAD (Dr. S. Sathyakumar)	Mar. 20, 2002 to Mar. 19, 2005	Project cleared by TRAC, GB, MoEF, MEA & DEA (MoEF)	154.00 (in lakhs)
35.	Monitoring of forest conditions and prey base for the tiger conservation in the Terai Arc. (Collaboration between WII & National Fish and Wildlife Foundation, USA) (Dr. A.J.T. Johnsingh & Tracy Fish Walmer, NFWF)	Jan. 6, 2002 to Jan. 7, 2003 Extn. Till Mar. 31, 2004 for completion	A project of the National Fish and Wildlife Foundation	\$53,500 Additional Fund by Grant-in-aid of Rs. 70,000.00 is requested
36.	Acoustic signals in two avian species: their characterisation and importance. Dr. Sushant Chowdhary (DST Sponsored project)	Mar. 1, 2001 to Oct. 30, 2004	DST sponsored project	10,96,800.00

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37.	Impact monitoring of India Eco-Development Project on Gir National Park and Sanctuary. (Dr. Y.V. Jhala) (World Bank Sponsored)	Feb. 20, 2001 to Aug. 19, 2002 Extended till October, 2004 for submission of final report	(World Bank Sponsored)	34,82,000.00
38.	Ecological study on tiger beetles (<i>Cicindelidae</i>) as indicator for biodiversity monitoring in Shivalik landscape. (Dr. V.P. Uniyal & Dr.K. Sivakumar) (DST Approved)	Work will be initiated during financial year 2004-05	DST Approved & Sponsored project	14,98,450.00
39.	An evaluation of endemism of herpetofaunal assemblages from the Western Ghats using molecular techniques. (Dr. Karthikeyan Vasudevan WII & Dr. Ramesh K. Aggarwal, CCMB, Hyderabad) (Min. of Sci. & Tech, Dept. of Biotechnology Sponsored Project)	Apr. 19, 2004 to Apr. 18, 2007	Min. of Science & Technology, Dept. of Biotechnology Sponsored Project	32,30,000.00
40.	Developing of Spatial database in GIS domain of Bandhavgarh Tiger Reserve. (Dr. V.B. Mathur) (M.P. Forest Department Sponsored Project)	Ongoing	(M.P. Forest Department Sponsored Project)	2,98,000.00

List of the projects completed during Financial Year 2003-04

41.	Impact of forest fragmentation on the hoolock gibbon (<i>Hylobates hoolock</i>) in Assam, India. (Dr. Atul Gupta, Shri Qamar Qureshi & Dr. Ravi Chellam*) *PI on deputation to UNDP	Jan. 22, 2001 to Jan. 21, 2004	V-TRAC' 2000	22.80 (in lakhs)
42.	Conservation of Indian Wolf. (Dr. Y.V. Jhala, Dr. Olav T. Oftedal & Dr. Robert. K. Wayne)	Mar. 15, 1995 to Dec. 31, 2003	XIII/MAY/93	57.65 (in lakhs)
43.	The maintenance and publication of studbooks of five endangered species. (Sh. B.C. Choudhury) CZA Sponsored	Sep. 18, 2002 to Dec. 31, 2003	CZA Sponsored	3.34 (in lakhs)
44.	Status survey of certain rare and endemic plant taxa in the Agastyamalai ranges of southern Western Ghats. (Dr. G.S. Rawat)	Proposed tenure of initiation & completion (One year)	VII-TRAC' 2002 (in lakhs)	1.80

WB - Wildlife Biology, WM - Wildlife Management, HA - Human Aspects, ID - Interdisciplinary