

Bio Data

Dr. Kailash Chandra
Scientist 'F'
Zoological Survey of India
Ministry of Environment & Forests, Govt. of India
M Block, New Alipore
Kolkata-700 053



Research Interest:

- Biodiversity & Conservation
- Systematics of Insects with special reference to Coleopterans

Academics:

Ph. D. Zoology, 1986, Awarded by Kurukshetra University, Haryana

Thesis Title: Taxonomic Studies of Pleurostict Scarabaeidae (Coleoptera: Insecta) of North West India”

Research Associate: 1985 to 1988, Division of Entomology, Indian Agricultural Research Institute, Pusa, New Delhi.

M. Sc. Zoology, 1981: Kanpur University, Uttar Pradesh

B. Sc. Zoology, Botany and Chemistry, 1979, Kanpur University, Uttar Pradesh

Pay Scale: 37,400- 67,000/- Basic Pay: 59750/- , Grade Pay : 8900/-

Date of Birth: 07/04/1961

Father's name: Shri J.P.Gupta

Permanent address: Bahua, Fatehpur 212661, Uttar Pradesh

Residential address: Central Govt. Quarters, 14, Iron Side Road, Kolkata-700019

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Mob. 08902462801.

PROFESSION DETAILS:

Post of Joining in ZSI

Date of Joining in ZSI

Administrative experience in Z.S.I.

Total Research experience

Annexure I

Scientist 'SD'

17th November, 1989

More than 22 Years

More than 29 Years

SUMMARY OF THE WORK DONE :

Field surveys- 36

Research Programmes completed 20

Ongoing programmes 03

Externally funded Projects completed 05

Ongoing externally funded projects 02

Seminar / Symposia / Conference / workshops attended (including international)	45
Symposium organized	01
Training programmes organized	01
Training programmes attended	03
Expeditions attended	04
Members committees	08

PUBLICATIONS : **Total -252: Annexure III**

Papers published	152
Abstract published	17
Communicated	44
Popular articles published	08
Papers written in Hindi	11
DOCUMENTS	20
Documents published	05
As –coordinator	05
Edited	04
Books in Hindi	02
Communicated	04

Annexure- I

RESEARCH EXPERIENCE : 28 YEARS

From–To	Name of the Employer / Organisation	Place of posting	Post held	Period
May 1982 to Oct., 1985	Kurukshetra University, Kurukshetra	Department of Zoology, Kurukshetra University, Kurukshetra	Senior Research Fellow	Three years five months
Oct.,1985 to Oct., 1988	Indian Agricultural Research Institute , New Delhi (I.C.A.R.)	Division of Entomology, Indian Agricultural Research Institute , New Delhi-110012	Research Associate	Three years
Oct.,1988 to Nov.,1989	Malaria Research Centre, (I.C.M.R.)	Malaria Research Centre, Regional Medical Research Centre for Tribals, Jabalpur	Assistant Technical	One year
17 th Nov., 1989 to 26 th Nov., 1989	Zoological Survey of India (Ministry of Environment and Forests, Govt. of India)	Zoological Survey of India, Kolkata	Scientist 'SD'	
Nov.,1989 to	Zoological Survey of	High Altitude Zoology	Scientist	

June, 1991	India (Ministry of Environment and Forests, Govt. of India)	Research Centre, Solan, H.P.	'SD'	
July, 1991 to Dec.,1994	Zoological Survey of India (Ministry of Environment and Forests, Govt. of India)	Andaman & Nicobar Regional Centre, Port Blair	Scientist 'SD'	
Jan. ,1995 to July, 1998	Zoological Survey of India (Ministry of Environment and Forests, Govt. of India)	Andaman & Nicobar Regional Centre, Port Blair	Scientist 'SE'	Three years seven months
July,1998 to Sept.,2001	Zoological Survey of India (Ministry of Environment and Forests, Govt. of India)	Central Zone Regional Centre, Jabalpur	Scientist 'SE'(D)	Three years two months
Sept.,2001 to June,2008	Zoological Survey of India (Ministry of Environment and Forests, Govt. of India)	Central Zone Regional Centre, Jabalpur	Scientist 'E'	Six years ten months
June, 2008 to to May, 2011	Zoological Survey of India (Ministry of Environment and Forests, Govt. of India)	Central Zone Regional Centre, Jabalpur	Scientist 'F'	Three years
June, 2011 to till date	Zoological Survey of India (Ministry of Environment and Forests, Govt. of India)	Zoological Survey of India, Kolkata	Scientist 'F'	Six months

ADMINISTRATIVE EXPERIENCE IN Z.S.I. : More than 22 YEARS

From - To	Place of Posting	Responsibilities	Period
November, 1989 to June, 1991	High Altitude Zoology Regional centre, Solan, Himachal Pradesh	Scientist 'SD'	One year & six months
June ,1991 to February, 1996	Andaman & Nicobar Regional Centre, Port Blair	Scientist 'SD' & Scientist 'SE'	Four years & eight months
February, 1996 to July, 1998	Andaman & Nicobar Regional Centre, Port Blair	Officer-in-Charge	Two years & five months
October , 1998 to May, 2011	Central Zone Regional Centre, Jabalpur, Madhya Pradesh	Officer-in-Charge	Eleven years & eight months

June, 2011
to
till date

Zoological Survey of India, Kolkata

Scientist 'F'
(Additional
Director)

Six months

Annexure- II

SUMMARY OF THE WORK DONE

I- Field surveys- 36

States	Period	Number of surveys	Faunal Specimens collected	Species identified
Haryana, Punjab, Rajasthan, Himachal Pradesh and Uttar Pardesh	1982-1985	6	3200	108
Delhi, Maharashtra, Haryana, Tamil Nadu and Assam	1985-88	4	3900	118
Himachal Pradesh	1989-1991	2	4,877	83
Andaman and Nicobar Islands	1991-1998	10	11,857	414
Madhya Pradesh and Chhattisgarh	1998-2010	11	12,655	650
Jammu & Kashmir (Ladakh)	2008-2009	01	1400	45
Arunachal Pradesh (Tawang)	2009-2010	01	2386	130
Chhattisgarh	2011	01	1130	65

II- Projects undertaken

A- Departmental programmes

Completed and the manuscript published:

(a)- Scarabaeid Beetles of Himachal Pradesh

(b)-Scarabaeid Beetles of Great Nicobar Biosphere Reserve (Nicobar Islands)

(c)- Faunal Diversity of Mount Harriet National Park (Andaman)

(d)- Insect Diversity of Andaman and Nicobar Islands

(e)- Ethno-Biological studies of Jarawa tribe (Andaman)

(f)- Faunal Diversity of Pachmarhi Biosphere Reserve

The manuscript includes the information on 716 species pertaining to 21 groups of animals from PBR.

(g)- Scarabaeid beetles of Bandhavgarh National Park

The paper on 'Scarabaeid beetles of Bandhavgarh National Park' includes the information on 44 species belonging to 24 genera and eight families. Thirty-five species are recorded for the first time from national park and five species are new records to the fauna of Madhya Pradesh.

(h)- Faunal Diversity of National Parks of Madhya Pradesh and Chhattisgarh

The document includes the information on 1421 species of recorded from National Parks of Madhya Pradesh and Chhattisgarh

(i)- Faunal Diversity of Tiger Reserves of Madhya Pradesh and Chhattisgarh

A comprehensive account on vertebrate and invertebrate diversity of animals comprising of 1364 species from Six tiger reserves of Madhya Pradesh and Chhattisgarh published in "Faunal Diversity of Tiger Reserves in India" by the Director, Zoological Survey of India and Director, Project Tiger, in 2006.

(j)- Moth Diversity of Kanger Valley National Park, Chhattisgarh

The publication deals with the study of 26 species belonging to 25 genera belonging to seven families. All the species are reported for the first time from the national park.

(k)- Faunal Diversity of Jabalpur District, Madhya Pradesh

The manuscript includes the information on more than 800 species of vertebrates and invertebrates from Jabalpur district.

(l)- Moths of Bandhavgarh National Park, Madhya Pradesh

So far, 48 species of moths representing 42 genera and 10 families are reported.

(m)- Butterflies of Bandhavgarh National Park, Madhya Pradesh

The manuscript includes 103 species of butterflies from Bandhavgarh National Park .

(n)- Butterflies of Kanger Valley National Park, Chhattisgarh

More than 200 specimens, pertaining to 90 species of butterflies from Kangerghati N.P. have been examined and the manuscript submitted.

(o)- Scarabaeid beetles of Kanger Valley National Park, Chhattisgarh

So far, 31 specimens pertaining to 15 species under six subfamilies are identified.

(p)- Pictorial Handbooks on Butterflies and Moths of Madhya Pradesh and Chhattisgarh.

Handbooks include the photographs and brief description of 104 species of butterflies and 124 species of moths from these two states.

(q)-Neuroptera of Madhya Pradesh.

Presently, 133 specimens belonging to 33 species under four families are studied.

(r)- On the genus *Anomala* (Rutelinae: Scarabaeidae) of India.

The 80 species of *Anomala* studies and the first draft submitted.

Ongoing:

(s)-Faunal Diversity of Veerangana Durgavati Wildlife Sanctuary, M.P.

(t)-Faunal Diversity of Singhori Wildlife Sanctuary, M.P.

B- Projects funded by external agencies:

i- Completed

(a) Fauna of Pench Tiger Reserve	Co-Investigator	World Bank Project	Project Completed & Report submitted
Results: The document on Pench Tiger Reserves, Madhya Pradesh includes the information on 561 species pertaining to various groups of animals.			
(b) Wetland and Riparian fauna of Pench Tiger Reserve	Co-Investigator	-do-	Project Completed & Report submitted
(c) Avifauna of Kanha Tiger Reserve	Principal Investigator	Kanha Tiger Reserve	Project Completed & Report submitted

Results: The inventory of birds of this area comprises 297 species under 60 families. Of these, 32 species are new record to the avifauna of K.T.R. and 6

species are new record to the fauna of Madhya Pradesh

(d) Reptilia of Kanha Tiger Reserve	Principal Investigator	-do-	Project Completed & Report submitted
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Results: The paper presents the information on reptilian fauna of Kanha Tiger Reserve, Madhya Pradesh comprising of 39 species/ subspecies of reptiles belonging to 30 genera under 12 families. Out of 39 species, 17 species are reported for the first time from KTR.

(e) Studies on the Biological Resources and Documentation of Traditional Knowledge of Achanakmar- Amarkantak Biosphere Reserve, Madhya Pradesh and Chhattisgarh.	Co-Investigator	Ministry of Environment Forests, Govt. of India.	Project Completed & Report submitted
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(a) Faunal Resources of Achanakmar- Amarkantak Biosphere Reserve	Principal Investigator	-do-
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Results:

The three years study in Achanakmar- Amarkantak Biosphere Reserve revealed the presence of 414 species belonging to 13 groups of animals including 169 vertebrates and 245 invertebrates.

ii- Ongoing:

(f) Studies on the Faunal Diversity of Great Nicobar Biosphere Reserve, Andaman & Nicobar Islands.	Principal Investigator	Ministry of Environment Forests, Govt. of India	2010-2013 On-going
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III- Seminar / Symposia / Conference / workshops attended:

Symposia	10
Conference	05
Workshops	13
International Conference	05
i-Seminars:	

1. Attended the Seminar on “Environment Protection, People and Law ” organized by the C.P.R. Environmental Education Centre, Madras at Port Blair in 1994.
2. Attended “Indian Science Congress” at Patiala (Punjab) in January, 1996 and presented an Abstract on “Diversity of Insects in Bay Islands”
3. Attended “Indian Science Congress” at Delhi University, Delhi from 3 to 8 January, 1997 and presented a paper on “Lace Bugs of Andaman and Nicobar Islands”
4. Attended the Seminar on “ Development of Andaman’s as an Eco-friendly Beach Resorts” and presented a paper on “ Eco-friendly Coastal Tourism in Andaman and Nicobar Islands on 25th July, 1997, organized by the Andaman and Nicobar Administration at Port Blair.
5. Attended the Seminar on “Botanical Survey of India and Zoological Survey of India in the next Millennium, organized by the Ministry of Environment and Forests, Govt. of India, New Delhi on 17th & 18th March, 1999.
6. Attended the Seminar on “Policy Planning and Techno-Regulatory Input for Solid Waste Management” at Bhopal in March, 2001, organized by the EPCO, Bhopal.
7. Attended the Annual Research Seminar of Wildlife Institute of India, at Dehradun on 22nd and 23rd September, 2005.
8. Attended the Madhya Pradesh Science Congress on 10th Dec. 2006 and presented the paper on ‘Faunal Diversity of Madhya Pradesh and Chhattisgarh on 10th December, 2006.
9. Attended Indian Science Congress from 3rd to 6th January, 2006 at Hyderabad and presented the paper on “Scarabaeid beetles of Achanakmar Wildlife Sanctuary, Chhattisgarh”
10. Attended a seminar on ‘Recent Trends in Taxonomy and Biodiversity Conservation in India’ at Zoological Survey of India, New Alipore, Kolkata- 700053 on 1st May, 2010 and also participated as ‘Reportaur’ for the Technical Session No.1: Taxonomy and Faunal Conservation: Invertebrates.
11. Attended the National Seminar on ‘Impact of Climate Change on Biodiversity and Challenges in Thar Desert’ at Desert Regional Centre, ZSI, Jodhpur on 9th July, 2010.

12. Attended the Inaugural Programme of 'National Seminar on Current Advances in Biosciences: Application of Health, Environment and Agriculture.' held at Hitkarini Mahila Mahavidyalaya , Jabalpur on 23rd November, 2010.

ii- Symposia:

1. Attended the National Symposium on "Farming Systems for Sustained Productivity in Humid Tropics" on 16th December, 1991 at Port Blair, organized by the State Council of Science & Technology and Andaman Science Association, Port Blair.
2. Attended the "National Symposium on "Island Ecosystem and sustainable Development" at Port Blair on February 1996 , organized by the State Council of Science & Technology and Andaman Science Association, Port Blair.
3. Attended the symposium on "Tribal Health and Nutrition" on 27th February, 1998 by Indian Council of Medical Research and Andaman and Nicobar Administration at Port Blair.
4. Attended the symposium on "Biodiversity Conservation" at Bhopal and presented a paper on " Faunal Biodiversity in Madhya Pradesh" on 26th February, 1999, organized by the State Council of Science & Technology, Madhya Pradesh.
5. Attended a National Symposium on "Biodiversity Conservation and Management with special emphasis on Biosphere Reserve' in November, 2000 at Bhopal and presented two papers on "Faunal Diversity of Pachmarhi Biosphere" and "On a collection of Butterfly fauna from Pachmarhi Biosphere Reserve", organized by the EPCO,Bhopal.
6. Attended the National Symposium on "Management of Degraded Forests for Productivity Enhancement and Carbon Sink Expansion " held on 15th & 16th January, 2003 at Tropical Forest research institute, Jabalpur.
7. Attended the National Symposium on 'Emerging Technologies and Their Application in Assessment, conservation and Management of threatened Wild Medicinal Plants and their Habitats, at State Forest Research Institute, Jabalpur on 23rd February, 2005.
8. Attended the 'National Symposium on Advancement in Indian Entomology, Productivity and Health, at Haridwar from 2nd to 4th October, 2005 and a paper on 'The Butterflies (Lepidoptera: Rhopalocera) of Kangerghati National Park (Chhatisgarh)' was presented.
9. Attended the Symposium on Advancement in Entomology, from 3rd to 5th February, 2006 at Kurukshetra University, Kurukshetra and a paper on 'Endemic Insects of Andaman & Nicobar Islands' was presented.
10. Attended 'National Symposium on Tribal Health' on 19th October, 2006, which was organized by

the 'Regional Medical Research Centre for Tribal Research, Jabalpur'

iii- Conference:

1. Attended the conference on " Environmental Education : Needs of the Andaman and Nicobar Islands" and presented a paper on " Biodiversity conservation, An Environmental concerns of Andaman and Nicobar Islands" on March 6th, 1997 at Science and Technology Bhawan, Port Blair.
2. Attended the 1st Conference on Medical Arthropodology: Taxonomy in Biodiversity, Bioterrorism & Biotechnology, at Centre for Research in Medical Entomology, ICMR, Madurai from 1st to 2nd September, 2007.
3. Attended the National Conference on "Role of Bio-pesticides, Bioagents and Biofertilizers for sustainable Agriculture and Horticulture, February, 13-16, 2004. Lucknow. and presented the paper on ' Birds as Insect Biocontrol Agents : A study in Pench Tiger Reserve in Madhya Pradesh'
4. Attended the National Conference on Biodiversity & Biotechnology "Biodiversity Resources Management & Sustainable Development" on 16th & 17th November, 2010 at Govt. M.S. Golwalkar College, Rewa (M.P.), India and presented two papers during the conference.
5. Attended the National Conference on Biodiversity & Biotechnology "Biodiversity Resources Management & Sustainable Development" and presented two papers on 17th November, 2010 at Govt. M.S. Golwalkar College, Rewa (M.P.).

iv- Workshops:

1. Attended the Regional Workshop on the Conservation and Sustainable Management of Coral reefs " from 15th to 17th December, 1997 at Swaminathan Research Foundation, Chennai.
2. Attended the National Workshop on " Tropical Rain Forests of India" at Coimbatore on Feb/ March, 2001 and presented a paper on " Moth Diversity of Andaman and Nicobar Islands" .
3. Attended the 'Workshop on Wetlands of Central India" at Bhopal from 15th to 17th June, 2004 organized by the Forest Department, Madhya Pradesh.
4. Attended the Inaugural Session of Indo-US workshop on 'Cerebral Malaria Associated Neurological Disorders in India' at ICMR,, Jabalpur on 3rd October,2004.
5. Attended the workshop on 'Achanakmar-Amarkantak Biosphere Reserve, at Raipur on 27th & 28th January, 2005,organized by the Forest Department, Chhattisgarh.
6. Participated in National Workshop on 'Conservation and Sustainable Utilization of Bio-resources of Satpuranchal, Madhya Pradesh'on 23rd August, 2005.

7. Attended workshop on 'Process of making of Peoples Biodiversity Register (PBR) of Satpuranchal and Bundelkhand Biodiversity at SFRI, Jabalpur, organized by the State Biodiversity Board, M.P. on 26th Sept.2006.
8. Attended the 'Lecture Workshop on Molecular Biology' organized by Indian Institute of Science, Bangalore, from 1st March to 5th March, 2007 at Coorg. The workshop was sponsored jointly by the Department of Biotechnology, Govt. of India and Indian Academy of Sciences, Bangalore.
9. Participated the International Workshop on 'Molecular Epidemiology and Immunology of Malaria and other Vector Borne Diseases on 16th to 19th October, 2007 at ICMR, RMRCT, Jabalpur.
10. Attended the 'An Interface Workshop on Microbial Systematics and Diversity' on 14th March, 2007 at Rani Durgavati Vishwavidyalaya, Jabalpur
11. Attended the Workshop on Research Needs for Achanakmar-Amarkantak Biosphere Reserve on 30th April, 2007 and presented a paper on "Faunal Diversity of Achanakmar - Amarkantak Biosphere Reserve".
12. Attended the National workshop to discuss draft of " India's Fourth National Report (FNR) to the Convention on Biological Diversity (CBD) at UNDP, Campus, Lodhi Estate, New Delhi on 24th February, 2009.
13. Dr Kailash Chandra, Scientist 'F' & Officer-in-Charge attended the "National Workshop for Development of Chhattisgarh State CAMPA Vision 2020" at Raipur, Chhattisgarh on 12th and 13th October, 2010.

v- International Conference:

1. Attended the '**International Conference** on Bird and Environment' from 21st to 24th Nov. 2004 and presented the paper on ' Avifauna of Jabalpur District, Madhya Pradesh' held at Gurukul Kangri University, Haridwar
2. Abstract submitted for oral presentation in '**International Conference** on Biodiversity of Insects: Challenging issues in Management and Conservation (BIMC,2006)30th January to 3rd February, 2006. Incidence of white grubs, *Schizonycha ruficollis* (Fabricius) (Coleoptera : Scarabaeidae) on teak seedlings at Nagpur, Maharashtra and its Management.
3. Attended '**First South East Asian Lepidoptera Conservation Symposium**' at Hong Kong from 5th to 8th September, 2006 and presented a paper on "Moth Diversity of Madhya Pradesh. and Chhattisgarh. and its Conservation Measures" during the symposium.
4. Participated the **International Workshop** on 'Molecular Epidemiology and Immunology of

Malaria and other Vector Borne Diseases on 16th to 19th October, 2007 at ICMR, RMRCT, Jabalpur.

5. Attended **International Conference** on Recent Trends in Biodiversity and Biotechnology, organized by Dr Babasaheb Ambedkar Marathwada University, Aurangabad from 15th to 17th Nov.2007 and presented the paper on 'Butterfly Diversity of Madhya Pradesh and Chhattisgarh States

IV- a- Training programme organized:

A training programme on "Insect Collection and Preservation Techniques" was organized at Central Zone Regional Centre, Zoological survey of India, Jabalpur in March, 2001 and candidates from Tropical Forest Research Institute and State Forest research Institute participated.

b- Training programmes attended:

Attended training programme on "Earthworm resources and Vermiculture" from September, 10 to 14, 1990 at Solan, Himachal Pradesh

Received training on "Identification of Marine Sponges" at CMFRI, Trivandram in June, 1995.

Attended training programme on "Environment Impact Assessment" conducted by "Wildlife Institute of India, Dehradun from 21st to 27th December, 1999.

V- Supervision of Ph.D. students

Name of student	Ph .D. Topic	University	Date of Registration
Shri Dinish Kumar Nema	Taxo-ecological Studies on Some Moths (Lepidoptera : Heterocera) in Madhya Pradesh and Chhattisgarh	Rani Durgavati University, Jabalpur	14.11.2002
Shri Sunil Kumar Gupta	A comparative Study of Orthopteran Fauna of Achanakmar Wildlife Sanctuary,(C.G.) and PENCH Tiger Reserve (M.P.)	Rani Durgavati University, Jabalpur	23.10.2004 (AWARDED)

VI- Study through Scanning Electron Microscope

Study Area & Period	Group	Specimens collected	Species Dealt	New Species Records To PAs / State/ India	Reference
Andaman & Nicobar Islands	Scarabaeid beetles	-	10	-	Chandra & Venkataraman 1995

VII- Maintenance and Development of National Zoological Collection

Name of the Zoological Collection	Named Specimens Holdings	Unnamed Specimens Holdings
National Zoological Collection, Z.S.I. Port Blair	72,371	1,43,912
National Zoological Collection, Z.S.I. Jabalpur	53,909	66,223

VIII- Database of National Zoological Collection

Name of the Regional Station	Duration	No. of Entries
Andaman and Nicobar Regional Station, ZSI, Port Blair	1996-1998	Insecta- 2301
Central Regional Station, ZSI, Jabalpur	1998- till date	Chordata- V- 5787 Arthropoda- 12959 Mollusca- 989

IX- Identification, Advisory Services and Training Programme

Training Imparted to	
	a. The Field Investigators of Peoples Strategy for Biodiversity Conservation in Andaman under 'Society for Andaman and Nicobar Eecology'
	b. The Staff of Tropical Forest Research Institute and State Forest Research Institute, Jabalpur on Collection and Preservation Technique of Insects
	c. Naturalists of Taj Hotels & C.C.Africa

Identification Services to	Institutions, Scientists and Students, (MORE THAN 200)
Information to	Forest Departments, Fisheries Departments, Institutions, Colleges and N. G. O's.
Advisory Services to	Wildlife Advisory Boards and Biodiversity Boards of Andaman and Nicobar Islands, Madhya Pradesh and Chhattisgarh.
Guidance for project works	Guidance to more than 30 students of M. Sc. and B.Sc. (Zoology and Environmental Sciences) for their project works.

X- Environmental Impact Assessment Studies completed

Project Name	Location
Kalpong Hydro-Electric Project	North Andaman, Andaman and Nicobar Islands
Bansagar Canal Construction Project	Madhya Pradesh (Sidhi District) and Uttar Pradesh (Mirzapur).
Rowghat Iron Ore Project	Kanker & Bastar Districts (Chhattisgarh)

XI- Expeditions attended

Name of the expeditions	Location
Jarawa and Sentinelese Contact Expeditions	Middle and South Andaman : Andaman and Nicobar Islands

Participated in Jarawa and Sentinelese contact expeditions on the undermentioned dates as an expert member for the ethno-biological studies under the "Pilot Project" sponsored by the AAJVS, Tribal Welfare Directorate, Andaman and Nicobar Administration.

- 1st 10.04.1996 to 12.04.1996
- 2nd 02.09.1996 to 04.09.1996
- 3rd 10.02.1997 to 13.02.1997
- 4th 10.03.1997 to 12.03.1997
- 5th 26.06.1997 to 27.06.1997
- 6th 15.11.1997 to 26.11.1997
- 7th 07.03.1998 to 08.03.1998

Expedition to volcanic Barren Island 1993
(twice)

Barren Island :
Andaman and Nicobar Islands

Expedition to Antarctica 2001-2002

Antarctica

Represented Zoological Survey of India in XXIst Indian Scientific Expedition to Antarctica to study the faunal elements of Schirmacher Oasis. The expedition commenced on 6th January, 2000 from Goa and completed on 29th March, 2001 at Mumbai. The programme was organized by the National Centre for Antarctic and Ocean Research (Department of Ocean Development, Govt. of India) Goa.

Expedition to Tawang District 2009

Arunachal Pradesh

XII - Scientific affiliations

Life Member	Andaman Science Association, Kolkata
Life Member	Social Environmental And Biological Association, Kolkata
Life Member	Shashpa, New Delhi
Life Member	Society of Life Sciences, Madhya Pradesh
Member	Zoological Society of India, Kolkata
Member,	National Journal of Life Sciences, M.P.
Editorial Advisory Board	
Member,	Indian Journal of Tropical Biodiversity
Editorial Advisory Board	
Fellow	Society of Life Sciences, Madhya Pradesh
Councilor	Uttar Pradesh Journal of Zoology, U.P.
Associate Editor	Biological Forum- An International Journal

XIII- Member Committees

Member of Board of Studies (Environmental Science and Zoology)	Govt. Autonomous Science College, Jabalpur
Member Representative of Department	Madhya Pradesh and Chhattisgarh- State Wildlife Advisory Boards
Expert	Technical Committee on Protected Areas, Madhya Pradesh

XIV- General Administration

Name of the Regional Station	Responsibility	Period
Andaman and Nicobar Regional Station, ZSI, Port Blair	Officer-in-Charge	1996-1998
Central Regional Station, ZSI, Jabalpur	Officer-in-Charge	1998- till date

XV- Contribution in building the infrastructure of the Regional Stations

Name of the Regional Station	Development of infrastructure	Period
Andaman and Nicobar Regional Station, ZSI, Port Blair	Supervised and coordinated the construction of Museum-cum-Office Building and Staff Quarters of the station. Museum Development	1993-1998
Central Regional Station, ZSI, Jabalpur	Supervised and coordinated the construction of Museum-cum-Office Building and Staff Quarters of the station. Museum Development	2000-2010

Annexure III (Publication details)

- 1-Ghai, S., Chandra, K. and Ramamurthy, V.V., 1988. A new genus *Subpeltonotus* and a new species *S. andamanae* from India. (Insecta, Coleoptera, Scarabaeidae : Rutelinae). *Reichenbachia Mus. Tierkunde Dresden*, **26**(5) : 19-24.
- 2-Chandra, K., 1988. Taxonomic studies on Pleurostict Scarabaeidae (Coleoptera) of North-West India. *Y. E. S. Quarterly*, U.S.A., Vol. **5**(1) : 20-27.
- 3-Ghai, S., Chandra, K. & Ramamurthy, V.V. A new Ruteline species, *Mimela kalesarensis* from India. (Insecta, Coleoptera, Scarabaeidae). *Reichenbachia Mus. Tierkunde Dresden*, 1989: **26**(20) : 115-117.
- 4-Chandra, K. 1989. Notes on Taxonomic status of Genus *Holotrichia* and allied genera. (Scarabaeidae : Melolonthinae). *Y. E. S. Quarterly*. U.S.A., Vol. **6**(1), 33-36.
- 5-Chandra, K., 1989. Male genital apparatus of Dynastinae and Cetoniinae (Coleoptera : Scarabaeidae) and their taxonomic significance, *Y. E. S. Quarterly*, U.S.A., Vol.**6**(3) : 31-38.

- 6-Chandra, K. 1991. On genus *Articephala* Moser, with description of a new species from India (Insecta : Coleoptera : Scarabaeidae) *Geobios new Reports* **10** : 132-134.
- 7-Chandra, K. 1991. New Genitalic characters for distinguishing *Anomala dorsalis* Fabricius and *Anomala fraterna* Burmeister (Coleoptera : Scarabaeidae). *The Coleopterists Bulletin* **45** (3) : 292-294.
- 8-Chandra, K. and Kumar, M. 1991. Studies on the Female Genitalia of Pleurostict Scarabaeidae (Coleoptera : Insecta) of North-West India. *Indian J. Hill Farming*. **4** (2) : 57-65.
- 9-Chandra, K. 1991. The Scarabaeid fauna (Coleoptera : Insecta) of Bay Islands. *J. Andaman Sci. Assoc.* **7**(2) : 93-94.
- 10-Chandra, K. 1992. *Holotrichia nicobarica*, a new beetle (Coleoptera : Scarabaeidae) from Nicobar Islands, India. *J. Andaman Sci. Assoc.* **8**(1) : 18-20.
- 11-Chandra, K. 1992. New records of Scarabaeid beetles (Insecta) from Andaman and Nicobar Islands. *J. Andaman Sci. Assoc.* **8**(1) : 79-81.
- 12-Chandra, K. 1992. Host-pest Relationship in Pleurostict Scarabaeidae (Coleoptera) of North-West India. *Indian J. Hill Farming* **5**(2) : 159-160.
- 13-Chandra, K. and Kumar, S. 1992. Moths (Heterocera : Lepidoptera) of Andaman and Nicobar Islands *J. Andaman Sci. Assoc.* **8**(2) : 138-145.
- 14-Chandra, K. 1992. Occurrence of the lace-bug *Monanthia globulifera* Walker on tulusi in South Andaman. *J. Andaman Sci. Assoc.* **8**(2) : 178.
- 15-Chandra, K. 1993. Changes in the faunal components of Barren Island after volcanic eruption, Bulletin of *Global Volcanism Network*. Washington: 4-5.
- 16-Chandra, K. 1993. New records of moths of Bay Islands. *J. Andaman Sci. Assoc.* **9** : 44-49.
- 17-Chandra, K. 1994. Further new records of moths from Andaman and Nicobar Islands. *J. Andaman Sci. Assoc.* **10**(1&2) : 17-24.
- 18-Chandra, K. and Kumar, S. 1994. Observations on avifauna of Great Nicobar Island, India, *Indian Forester* , **120** (10) : 953-955.
- 19-Das, I. and Chandra, K. 1994. Two new records of Snakes from Andaman and

- Nicobar Islands. *J. Andaman Sci. Assoc.* **10**(1 &2) : 114-115.
- 20-Sinha, B.K., Sreekumar, P.V. and Chandra, K. 1994. Additions to the flora of Barren Island II, *J. Andaman Sci. Assoc.* **10**(1 & 2) : 108.
- 21-Chandra, K. 1995. Scarabaeid beetles of Great Nicobar Biosphere Reserve, *J. Andaman Sci. Assoc.* **11**(1 &2) : 1 - 14.
- 22-Chandra, K. and Khatri, T.C., 1995. Butterflies of Great Nicobar Island. *Indian J. Forestry*, **18**(4) : 267-273.
- 23-Chandra, K. and Rajan, P.T. 1995. Moths of Mount Harriet National Park, South Andaman, *J. Andaman Sci. Assoc.* **11**(1 & 2) : 17 - 25.
- 24-Chandra, K. and Venkataraman, K. 1995. Studies on the morphology of male genitalia of some species of Scarabaeidae (Coleoptera). *Rec. zool. Surv. India*, **95**(1-2) : 9-13.
- 25-Chandra, K. 1996. A sea-weed of Ornamental value among the Jarawa people of the Andaman and Nicobar Islands, India. *Malayan Nature Journal*, **50** : 97-98.
- 26-Chandra, K. 1996. *Bolbocerus quadridens* (Fabricius), a beetle new to the Andaman Islands, India. *Malayan Nature Journal*. **50** : 107-108.
- 27-Chandra, K. 1996. Diversity of Insects in Bay Islands. *Proc. 83rd Ind. Sc. Cong.* Part IV, (Abstract), 114.
- 28-Chandra, K. 1996. Moths of Great Nicobar Biosphere Reserve, India. *Malayan Nature Journal*, **50** : 109-116.
- 29-Chandra, K. 1996. New records of Moths from Andaman and Nicobar Islands, India. *J. Andaman Sci. Assoc.* **12**(1 & 2) : 31-35.
- 30-Chandra, K. 1996. The lace-bugs of Andaman and Nicobar Islands (Tingidae : Hemiptera : Insecta) *J. Andaman Sci. Assoc.* **12**(1 & 2) : 82 - 83.
- 31-Chandra, K. and Rajan, P.T. 1996. Observation on the avifauna of Mount Harriet National Park, South Andaman (A & N Islands) *The Indian Forester*, **122** (10) : 965-968.
- 32-Chandra, K. and Rajan, P.T. 1996. Butterflies of North, Middle and South Button Island National Parks, Andaman. *Insect Environment*, **2**(3) : p.110 - 111.

- 33-Chandra, K. 1997. A lace bugs of Andaman and Nicobar Islands (Tingidae : Hemiptera : Insecta). *Proc. 84th Ind. Sc. Cong.* Part-III Advance Abstracts, p.94-95.
- 34-Chandra, K. 1997. Hemiptera of Great Nicobar Biosphere Reserve. *J. Andaman Sci. Assoc.* **13**(1 & 2) : 102-103.
- 35-Chandra, K. 1997. New records of clear – wing moth - *Macrotarsipus albipunctus*. Hampson from Andaman and Nicobar Islands. *Insect Environment.* **3**(2) : 48-49.
- 36-Chandra, K. 1997. New additions to the moth fauna of Andaman and Nicobar Islands. *J. Andaman Sci. Assoc.* **13**(1 & 2) : 44 - 47.
- 37-Chandra, K. 1997. Salai - Pathi (*Licuala peltata* Roxb. – Arecaceae), an essentail plant for Jarawa Tribe of Andamans. *Ethnobotany.* **9** : 131-132.
- 38-Chandra, K. and Rajan, P.T. 1998. New records of an owl moth, *Ophideres salamania* Fabricius (Lepidoptera : Nactuidae : Ophiderinae) from South Andaman. *Geobios new Reports.* **17** : 91-92.
- 39-Chandra, K. 1999. Faunal diversity of Great Nicobar Biosphere Reserve, *Bionotes* ,**1**(1) : 19 - 20.
- 40-Chandra, K. 1999. New record of a Geometrid moth *Problepsis apollinaria* (Guenee) , Lepidoptera, from Great Nicobar Island, *Geobios new Reports*,**18**: 131-132.
- 41-Chandra, K. 1999. New records of Hemiptera from Andaman and Nicobar Islands, *J. Andaman Sci. Assoc.* **15** (1): 52-55.
- 42-Chandra, K. 1999. Insect Bio-diversity in Andaman and Nicobar Islands, *ENVIS, Newsletter, Z.S.I.*, **6**: 7-8.
- 43-Chandra, K. 1999. Ethno-biological studies of the Jarawa tribe. *J. Anthropol. Surv. India.* **48**:105-116.
- 44-Chandra, K. 1999. Annotated check-list of Aphodiinae (Scarabaeidae: Coleoptera) from India. *Rec. zool. Surv. India*, **97** (Part-2) : 87–108.
- 45-Chandra, K. 1999. On Embioptera from South Andaman and Barren Island. *J. Andaman Sci. Assoc.* **15** (2): 79-80
- 46-Chandra, K. and Singh, R.K. 2000. Notes on Paussidae (Coleoptera) from Pachmarhi

- Biosphere Reserve, Madhya Pradesh, *Bionotes*, 2 (1): 15.
- 47-Chandra, K. 2000. Records of the Lace-Bugs from M.P. India (Hemiptera : Tingidae).
Bionotes, 2(3) :57.
- 48-Chandra, K., 2000. Inventory of Scarabaeid beetles (Coleoptera) from Madhya Pradesh,
India. Zoo's Print Journal .**15**(11):359-362.
- 49-Chandra, K. 2001. Fauna of Great Nicobar Biosphere Reserve. *ENVIS Newsletter*
(Z.S.I.), **7** (1-2) : 5 - 8.
- 50-Chandra K, Singh R. K. and Koshta, M.L. 2001. On a Collection of Butterfly
(Lepidoptera : Rhopalocera) from Sidhi district of Madhya Pradesh, India. *Rec.
zool. Surv. India*, **98** (4) : 11 – 23.
- 51-Harshey, D.K. and Chandra, K. 2001. Mammals of Madhya Pradesh and Chhattishgarh.
Zoo's Print Journal, **16** (2) : 659 - 660.
- 52-Chandra, K., Singh, R. K. & Koshta, M.L. 2002. On a collection of Butterflies
(Lepidoptera : Rhopalocera) from Kaimur Wildlife Sanctuary, Mirzapur (U.P.).
India. J. Trop. Biol., **7 - 8** (1-4) : 29 - 35.
- 53-Chandra, K. and Gupta, Y.N. 2002. Three New records of Scarabaeid beetles from
Pachmarhi Biosphere Reserve. *Giobios*, **29** (1) : 63 - 64.
- 54-Chandra, K. *et al*, 2002. Butterflies of Pench Tiger Reserve,. Madhya Pradesh. *Zoos'
Print Journal* **17**(10): 908-909.
- 55-Chandra K. and Rajan, P.T. 2002. Faunal diversity of Mount Harriett National Park
(South Andaman), *Z. S. I. Envis. Newsletter* vol. **9(1 & 2)** : 2-5.
- 56-Singh R.K. and Chandra K. 2002. An inventory of butterflies of Chhattisgarh.
J. Tropical Forestry. **18** (1):67-74.
- 57-Chandra, K. 2002. On a collection of Scarabaeid beetles of Pench Tiger Reserve (Seoni),
Madhya Pradesh), *J. Tropical Forestry*,: Vol.**18**(II&III):104-107.
- 58-Chandra, K. and Alfred, J.R.B. 2003. Faunal Diversity of Wetlands and Riparian Areas in
Pench Tiger Reserve, Madhya Pradesh. *Proceedings of National Symposium on
"Research Trends in Thrust Areas of Biological Research"* (Abstract).
- 59-Chandra, K. and Nema, D. K. 2003. Moths (Lepioptera: Heterocera) of Jabalpur District.

Proceedings of National Symposium on "Research Trends in Thrust Areas of Biological Research" (Abstract).

- 60-Chandra, K. 2003. Threatened Animals of Madhya Pradesh and Chhattisharh, *Proceedings of National Workshop on "Implementation of Environmental Legislation for the Protection and Conservation of Environment"*59-97.
- 61-Chandra, K. 2003. Insect Diversity of Madhya Pradesh and Chhattisharh, *Proceedings of the National Symposium on Frontier Areas of Entomological Research* :400-401.
- 62-Chandra, K. and Gajbe,P. 2003. New record of Ocellate Shield Tail (*Uropeltis ocellata* Beddome) from Pachmarhi Biosphere Reserve, Madhya Pradesh.*Cobra*, **52**:15-16.
- 63-Alfred, J.R.B. and Chandra,K.2003. Faunal Diversity of Pachmarhi Biosphere Reserve. *Proc. of National Simp. on Biodiversity Conservation and Management with emphasis on Biosphere Reserve. EPCO, Bhopal.*: 63-71.
- 64-Chandra,K., Singh,R.K. and Koshta, M.L. 2003. On a collection of Butterfly fauna from Pachmarhi Biosphere Reserve. *Proc. of National Simp. on Biodiversity Conservation and Management with emphasis on Biosphere Reserve. EPCO,Bhopal.*: 72-77.
- 65-Chandra, K and Singh, R.K. 2004. Avifauna of Madhya Pradesh and Chhattisgarh. *Zoos' Print Journal* **19**(7):1534-1539.
- 66-Chandra,K.2004. Checklist of Mecoptera from India.*Rec.zool.Surv.India*.**102**(Part1-2): 73-76.
- 67-Chandra,K. and Singh,R.K.,2004. On a collection of Scarabaeid beetles (Coleoptera) from Pachmarhi Biosphere Reserve,Madhya Pradesh.*Rec.zool.Surv.India* **102**(Part1-2): 43-46.
- 68-Chandra, K. and Nema, D.K. 2004. Moths of PENCH Tiger Reserve, Seoni. Madhya Pradesh. *Journal of Tropical Forestry*. Vol. **19** (1-2), 68-78.
- 69-Chandra, K. and Pandey, V. K. 2004. Anuran Fauna of Achanakmar Wildlife Sanctuary, Chhattisgarh, *Cobra*. Vol. **57**:32-37.
- 70-Chandra, K. and Gupta, S.K. 2004. Record of Monster Cricket *Schizodactylus monstrous*, from Chhattisgarh (Schizodactylidae: Orthoptera) , *Insect Environment*.Vol.**11**(2:. 56.

- 71-Alfred, J.R.B. and Chandra K. 2005. Fauna of Pench Tiger Reserve, *ENVIS Newsletter*. Vol. **11** (1-2): 2-9.
- 72-Chandra, K. and Gajbe, P.U. 2005. An inventory of Herpetofauna of Madhya Pradesh and Chhattisgarh. *Zoos' Print Journal*. **20**(3):1812-1819.
- 73-Chandra, K. & Pandey, V.K. 2005. Reptilia of Achanakmar Wildlife Sanctuary, Chhattisgarh, *Cobra*. Vol. **60**: 1-5.
- 74-Chandra, K. and Ahirwar, S.C. 2005. Scarabaeid beetles of Bandhavgarh National Park, Madhya Pradesh. *Zoos' Print Journal*. **20**(8):1961-64.
- 75-Chandra, K. and Ahirwar, S. 2005. Scarabaeid beetles (Coleoptera) of Kanha Tiger Reserve, Madhya Pradesh. *Rec. zool. Surv. India*. **105**(Part 1-2):147-155.
- 76- Mitra *et. al.* 2005. Distribution of fly *Taeniomastrix pictiventris* (Diptera:Pyrgotidae) in India, *Bionotes* **7**(3).
- 77- Chandra, K. and Gupta, Y.N. 2005. East Indian Leopard Gecko (*Eublepharis hardwickii*, Gray) found in Pachmarhi Biosphere Reserve (Eublepharidae: Sauria: Squamata). *REPTILERAP*: No. **7**: 02
- 78- Chandra, K. and Nema, D.K 2006. Moths of Kanger Valley National Park (Bastar Chhattisgarh). *Rec. zool. Surv. India*. **106** (Part-2):13-23.
- 79- Kulkarni, N., Chandra, K.; Singh, R.B. and Joshi, K.C. 2006. New species of white grub, their menace on the seedlings of Teak (*Tectona grandis* L. F.) and its management: An experimental study on Ramdongri Forest Nursery, Nagpur. 184-189.
- 80-Chandra, K. and Nema, D.K. 2004. Birds of Madhav National Park, Shivpuri. Madhya Pradesh. *Journal of Tropical Forestry*. Vol. **22** (I&II): 70-78.
- 81-Chandra, K. Nema, D.K. and Singh, S.P. 2006. On a collection of moths from Achanakmar Wildlife Sanctuary, Chhattisgarh. *National Journal of Life Sciences*. **3**(2): 183-189
- 82-Chandra K. 2006. The Butterflies (Lepidoptera: Rhopalocera) of Kangerghati National Park (Chhattisgarh). *Advancement in Indian Entomology: Productivity and Health*, Vol. II pp. 83-88.
- 83-Chandra, K. 2007. An Overview: *In Fauna of Madhya Pradesh (including Chhattisgarh)*, *State Fauna Series*, **15** (Part-1): 1-6.

- 84- Harshey, D.K. and Chandra, K. 2007. Mammals (Madhya Pradesh).
In Fauna of Madhya Pradesh (including Chhattisgarh), State Fauna Series,
15 (Part-1): 7-48.
- 85-Chandra, K. and Ahirwar S.C.2007. Insecta: Coleoptera: Scarabaeidae. *In Fauna of Madhya Pradesh (including Chhattisgarh), State Fauna Series,* **15** (Part-1): 273-300.
- 86- Chandra, K. and Nema, D.K. 2007. Insecta: Lepidoptera: Heterocera (Moths) *In Fauna of Madhya Pradesh (including Chhattisgarh), State Fauna Series,***15**(Part-1):347-418.
- 87- Chandra, K, Ramakrishna, Alfred, J.R.B. 2006. *Tiger Reserves in Madhya Pradesh and Chhattisgarh : Faunal Diversity of Tiger Reserves in India* (A commemorative volume on three decades of the Project Tiger) – Volume- I: 215-328. Alfred, J.R.B, Ramakrishna and Rajesh Gopal (Editor). Published by the Director, *Zool. Surv. India*, Kolkata and Director, Project Tiger, New Delhi.
- 88- Chandra, K. Gupta, S.K. and Shishodia, M.S. 2007. A checklist of Orthoptera of Madhya Pradesh and Chhattisgarh. *Zoos' Print Journal*, **22**(5): 2683-2687.
- 89- Chandra, K. and Thilak, J. 2007. First record of *Croce filipennis* (Neuroptera : Nemopteridae) from Madhya Pradesh. *Bionotes*, Vol. **9**(3): 96.
- 90- Chandra, K. and Uniyal, V. P.2007. On a collection of Pleurostict Scarabaeidae (Coleoptera) from Great Himalayan National Park, Himachal Pradesh. *Zoos' Print Journal*, **22**(9):2821-2823.
91. Chandra, K. & Sharma,R.M. 2007.Ichthyofaunal Diversity of Madhya Pradesh and Chhattisgarh. Pp. 110-117 In: Freshwater Fish Diversity of Central India, Ed. Lakra, W.S. & Sarkar U.K. *Proc. Of Workshop on "Conservation Assessment of Freshwater Fish Diversity (CAFF) FOR Central India"* organized by National Bureau of Fish Genetic Resources on 25th November, at CIAE Bhopal, M.P., India.
92. Thirumalai, G., Sharma, R.M. and Chandra, K. 2007. A checklist of aquatic and semi aquatic Hemiptera (Insecta) of Madhya Pradesh. *Rec. zool. Surv. India:* **107**(Part-4):71-91.
- 93- Kulkarni, N.;Chandra, K., Wagh, P. N., Joshi, K.C., Singh, R.B. 2007. Incidence and management of white grub, *Schizonycha ruficollis* on seedlings of teak (*Tectona*

grandis Lin. F.), *Insect Science*: **14**: 411-418.

- 94- Chandra, K. 2007. Moth diversity of Madhya Pradesh and Chhattisgarh, India, and its conservation measures. In Kendrick, R.C. (ed.) *Proceedings of the First South East Asian Lepidoptera Conservation Symposium, Hong Kong 2006*. pp. 49-61. Kadoori Farm & Botanic Garden, Hong Kong.
- 95- Chandra, K 2007. Threatened Animals of Madhya Pradesh and Chhattisgarh, *Indian Journal of Tropical Forestry*: Vol. **14**(2):97-122.
96. Chandra, K., Sinha S.K. and Singh, S.P. 2007. Diptera of Medical and Veterinary importance from Madhya Pradesh and Chhattisgarh. *National Journal of Life Sciences*, 4(2):233-236.
97. Chandra, K. & Nema, S.K.2008. Moths of Bandhavgarh National Park, Madhya Pradesh, *Rec. zool. Surv. India*: 108(Part-2): 95-110.
98. Chandra, K. & Nema, S.K.2008. Moths of Bandhavgarh National Park, Madhya Pradesh, *Rec. zool. Surv. India*: 108(Part-2): 95-110.
99. Chandra, K.2008. Overview: *Faunal Diversity of Jabalpur District, Madhya Pradesh*, Edited by the Director, *Zool. Surv. India*, Kolkata . 1-28
100. Chandra, K.2008. INSECTA: HEMIPTERA : *Faunal Diversity of Jabalpur District, Madhya Pradesh*, Edited by the Director, *Zool. Surv. India*, Kolkata .141-157.
101. Chandra, K.2008. INSECTA: COLEOPTERA: *Faunal Diversity of Jabalpur District, Madhya Pradesh*, Edited by the Director, *Zool. Surv. India*, Kolkata .159-186.
102. Chandra, K.2008. INSECTA: LEPIDOPTERA (Heterocera): *Faunal Diversity of Jabalpur District, Madhya Pradesh*, Edited by the Director, *Zool. Surv. India*, Kolkata .209-223.
103. Chandra, K.2008. AMPHIBIA : *Faunal Diversity of Jabalpur District, Madhya Pradesh*, Edited by the Director, *Zool. Surv. India*, Kolkata .275-280.
104. Chandra, K.& Gajbe, P. 2008. REPTILIA: *Faunal Diversity of Jabalpur District, Madhya Pradesh*, Edited by the Director, *Zool. Surv. India*, Kolkata .281-297.
105. Chandra, K. & Mahabal, A. 2008. AVES : *Faunal Diversity of Jabalpur District, Madhya Pradesh*, Edited by the Director, *Zool. Surv. India*, Kolkata .299-375.

106. Harshey, D.K. & Chandra, K.2008. MAMMALIA: *Faunal Diversity of Jabalpur District, Madhya Pradesh*, Edited by the Director, *Zool. Surv. India*, Kolkata .377-402.
107. Singh, A. and Chandra, K. 2008. Study on the species composition and Diversity of butterflies (Lepidoptera: Insecta)in Achanakmar Wildlife Sanctuary,Chhattisgarh. *Ann For.***16**(2):321-330..
108. Chandra, K., Sharma, R.C., Nagpure, A and Nema, D.K. 2008. Reptiles of Kanha Tiger Reserve, Madhya Pradesh. *Rec. zool. Surv, India* : **108**(Part-4): 49-83.
109. Chandra, K., and Sharma, R.M. 2009.Insecta: Thysanura
Editor- Director, *Zool. Surv. India, Fauna of Tamil Nadu, State Fauna Series, 17(Part-I): 31*
110. Chandra, K., and Sharma, R.M. 2009. Insecta: Ephemeroptera
Editor- Director, *Zool. Surv. India, Fauna of Tamil Nadu, State Fauna Series, 17(Part-I):33*
111. Chandra, K., and Sharma, R.M.2009 Insecta: Plecoptera
Editor- Director, *Zool. Surv. India, Fauna of Tamil Nadu, State Fauna Series, 17(Part-I):41*
112. Chandra, K., and Sharma, R.M.2009 Insecta: Embioptera
Editor- Director, *Zool. Surv. India, Fauna of Tamil Nadu, State Fauna Series, 17(Part-I):55*
113. Chandra, K., and Sharma, R.M. 2009.Insecta: Mantodea
Editor- Director, *Zool. Surv. India, Fauna of Tamil Nadu, State Fauna Series, 17(Part-I):64*
114. Chandra, K., and Sharma, R.M.2009. Insecta: Mecoptera
Editor- Director, *Zool. Surv. India, Fauna of Tamil Nadu, State Fauna Series, 17(Part-I):99*
115. Chandra, K., and Sharma, R.M.2009. Insecta: Siphonaptera
Editor- Director, *Zool. Surv. India, Fauna of Tamil Nadu, State Fauna Series, 17(Part- 8. I):101*
116. Chandra, K., and Sharma, R.M.2009. Insecta: Trichoptera
Editor- Director, *Zool. Surv. India, Fauna of Tamil Nadu, State Fauna Series, 17(Part-I):137*

117. Chandra, K. 2009. Insecta : Coleoptera : Scarabaeidae .
Editor- Director, *Zool. Surv. India, Fauna of Tamil Nadu, State Fauna Series, 17(Part-I):79.*
118. Chandra, K. 2009. An Overview: *Fauna of Pachmarhi Biosphere Reserve, Conservation Area Series* (Published by the Director- *Zool. Surv. India, Kolkata*) **39**: 1-7.
119. Harshey, D.K. and Chandra, K. 2009. Mammalia : *Fauna of Pachmarhi Biosphere Reserve, Conservation Area Series* (Published by the Director- *Zool. Surv. India, Kolkata*) **39**: 9-41.
120. Chandra, K. and Mahabal, A. 2009. Aves : *Fauna of Pachmarhi Biosphere Reserve, Conservation Area Series* (Published by the Director- *Zool. Surv. India, Kolkata*) **39**: 43-116.
121. Chandra, K. 2009. Reptilia : *Fauna of Pachmarhi Biosphere Reserve, Conservation Area Series* (Published by the Director- *Zool. Surv. India, Kolkata*) **39**: 117-128.
122. Chandra, K. 2009. Insecta : Hemiptera: *Fauna of Pachmarhi Biosphere Reserve, Conservation Area Series* (Published by the Director- *Zool. Surv. India, Kolkata*) **39**: 247-257.
123. Chandra, K. 2009. Insecta : Coleoptera: *Fauna of Pachmarhi Biosphere Reserve, Conservation Area Series* (Published by the Director- *Zool. Surv. India, Kolkata*) **39**: 259-299.
124. Chandra, K. 2009. Insecta : Lepidoptera : Heterocera: *Fauna of Pachmarhi Biosphere Reserve, Conservation Area Series* (Published by the Director- *Zool. Surv. India, Kolkata*) **39**: 337-354.
125. Chandra, K. and Sidhu, A. K. 2009. Insects of Ladakh, *ENVIS Newsletter*, Vol.15 (1&2): 5-10.
126. Gupta, S.K. and Chandra, K. 2009. Orthoptera of Madhav National Park, Shivpuri, Madhya Pradesh, India. *Uttar Pradesh J. Zool.* **29** (1): 79-89.
127. Gupta, S.K. and Chandra, K. 2008. An Orthoptera Collection from Panna National Park, M.P., India. *Indian J. Trop. Biodiv.* **16**(1): 97-102.
128. Chandra, K. and Gupta, S.K. 2009. On a collection of Orthoptera from Veerangana Durgavati Wildlife Sanctuary. Madhya Pradesh, India. *Biological Forum – An International Journal*, **1**(1): 69-74.
129. Chandra, K. 2009. An Overview. *Zool. Surv. India, Fauna of Bandhavgarh Tiger Reserve, Conservation Area Series*, 40 : 1-24.
130. Chandra, K. 2009. Insecta : Mantodea. *Zool. Surv. India, Fauna of Bandhavgarh Tiger Reserve, Conservation Area Series*, 40 : 59-61.
131. Chandra, K. & Thilak, J. 2009. Insecta : Neuroptera. *Zool. Surv. India, Fauna of Bandhavgarh*

Tiger Reserve, Conservation Area Series, 40 : 71-73.

132. Chandra, K. 2009. Insecta : Coleoptera : Scarabaeidae. *Zool. Surv. India, Fauna of Bandhavgarh Tiger Reserve, Conservation Area Series, 40 : 81-88.*
133. Chandra, K. , Sharma, R.M. & Koshta, M.L. 2009. Insecta : Lepidoptera : Rhopalocera : Grypocera. *Zool. Surv. India, Fauna of Bandhavgarh Tiger Reserve, Conservation Area Series, 40 : 89-129.*
134. Chandra, K. 2009. Insecta : Lepidoptera : Heterocera. *Zool. Surv. India, Fauna of Bandhavgarh Tiger Reserve, Conservation Area Series, 40 : 131-140.*
135. Chandra, K. and Gupta, R.P. 2009. Reptilia *Zool. Surv. India, Fauna of Bandhavgarh Tiger Reserve, Conservation Area Series, 40 : 163-177.*
136. Chandra, K. and Gupta, R.P. 2009. Aves. *Zool. Surv. India, Fauna of Bandhavgarh Tiger Reserve, Conservation Area Series, 40 : 179-270.*
137. Sidhu, A. K., Mehta, H. S. and Chandra. K. 2009. Appressed basking posture a prevalent method of behavioural thermoregulation adopted by butterflies of cold desert of Ladakh (India). *Association of Tropical Lepidoptera notes, USA, June issue: 3-4.*
138. Thirumalai, G. , Chandra, K. and Sidhu, A. K. 2009. Ecological Diversity and Insect Biodiversity in Cold Desert in India. pp: 199-210. (Editor, Prof. T. N. Ananthakrishnan: in Insect Biodiversity –Functional Dynamics and Ecological Perspectives)
139. Chandra, K., Gupta, S.K. & Dubey, K.K. 2009. Study on the species composition and diversity of Orthoptera in Pench Tiger Reserve, Madhya Pradesh. *National Journal of Life Sciences, 6(1):81-86.*
140. Sharma, R.M. and Chandra, K. 2009. First report of the occurrence of some rare Butterflies (Lepidoptera) from Chhattisgarh, Central India. *Rec. zool. Surv. India: 109(Part-3): 33-36.*
141. Chandra, K. and Gupta, S.K 2009. On a collection of Orthoptera from Veerangana Durgavati Wildlife Sanctuary. Madhya Pradesh, India. *Biological Forum- An International Journal, 1(1): 69-74.*
142. Chandra, K., 2007. Observations of Sea Birds during the XXI Indian Expedition to Antarctica (2001-2002). *Twenty First Indian Expedition to Antarctica, Scientific Report, Ministry of Earth Sciences, Technical Publication No. 19, pp.135-153.*

143. Kailash Chandra and Rajan, P.T., 2010. Biodiversity of Barren Island, Andaman and Nicobar Islands. In: *Recent Trends in Biodiversity of Andaman and Nicobar Islands* (Published by ZSI, Kolkata) p. 443-448.
144. Chandra, K., Nema, D.K. and Kumar, Sanjeev. 2010. Insecta: Lepidoptera: Heterocera, *Fauna of Ranthambhore National Park, Conservation Area Series*, **43**: 123-132. (Edited by Director, ZSI and Published by *Zool. Surv. India*).
145. Chandra, K. 2011. Insect Diversity of Sikkim, India. Biodiversity of Sikkim-Exploring and Conserving a Hotspot. (Edited by M.L.Arrawatia & Sandeep Tambe). Publ. by Information & Public Relations Dept. Govt. of Sikkim. pp: 181-206.
146. Chandra, K. & Gupta, Devanshu, 2011. Study of Scarabaeid Beetles (Coleoptera) of Veerangana Durgavati Wildlife Sanctuary, Damoh, Madhya Pradesh, India. *DCSI*, Vol. 5: 272-278
147. Thakre, V.G., Zade, V.S. and Chandra, K. 2011. Diversity and Abundance of Scarab beetles (Coleoptera, Scarabaeidae) in Koklas Region of Melghat Tiger Reserve (MTR), District Amravati, Maharashtra, India. *World Journal of Zoology* 6(1): 73-79.
148. Chandra, K. & Gupta, D. 2011. Two new records of genus *Onthophagus* Latreille, 1802(Coleoptera : Scarabaeidae) from Madhya Pradesh, India. *Uttar Pradesh J. Zool.* 31(2), 253-255.
149. Chandra, K. & Gupta, D. 2011. New record of two species of *Caccobius* from Madhya Pradesh (Coleoptera : Scarabaeidae). *BIONOTES* . 31(3), p.117.
150. Chandra, K., Salma Khan, Gupta, D. and Singh, S.P. 2011. Additional Records of Scarab Fauna (Coleoptera : Scarabaeidae) of Pachmarhi Biosphere Reserve, Madhya Pradesh, India. *National Journal of Life Sciences*. Vol. 8(1).65-68.
151. Chandra, K., and Singh, S.P. 2010. Scarabaeid beetles (Coleoptera) of Achanakmar Wildlife Sanctuary, Chhattisgarh. *National Journal of Life Sciences*, 7(1):71-74.
152. Chandra, K. Sharma, R.M. and Harshey, D.K. 2011. *Gongylus gongylodes* (Linnaeus) (Insecta : Mantodea): A new record for Madhya Pradesh, India. *Bugs R All* No. 17 March: p.21.

B- Abstract published :

1. Chandra, K. 1996. Diversity of Insects in Bay Islands. *Proc. 83rd Ind. Sc. Cong.* Part IV, (Abstract), 114.

2. Chandra, K. 1997. A lace bugs of Andaman and Nicobar Islands (Tingidae : Hemiptera : Insecta). *Proc. 84th Ind. Sc. Cong. Part-III Advance Abstracts*, p.94-95.
3. Alfred, J.R.B. and Chandra, K. 2003. Faunal Diversity of Pachmarhi Biosphere Reserve. *Proc. of National Simp. on Biodiversity Conservation and Management with emphasis on Biosphere Reserve. EPCO,Bhopal.*: 63-71.
4. Chandra,K., Singh,R.K. and Koshta, M.L. 2003. On a collection of Butterfly fauna from Pachmarhi Biosphere Reserve. *Proc. of National Simp. on Biodiversity Conservation and Management with emphasis on Biosphere Reserve. EPCO,Bhopal.*: 72-77.
5. Chandra, K. 2003. Insect Diversity of Madhya Pradesh and Chhattisharh, *Proceedings of the National Symposium on Frontier Areas of Entomological Research* :400-401.
6. Chandra, K. and Alfred, J.R.B. 2003. Faunal Diversity of Wetlands and Riparian Areas in Pench Tiger Reserve, Madhya Pradesh. *Proceedings of National Symposium on "Research Trends in Thrust Areas of Biological Research"* (Abstract).
7. Chandra, K. and Nema, D. K. 2003. Moths (Lepioptera: Heterocera) of Jabalpur District. *Proceedings of National Symposium on "Research Trends in Thrust Areas of Biological Research"* (Abstract).
8. Chandra, K. 2006. Moth diversity of Madhya Pradesh and Chhattisgarh (India) and its conservation measures. *First South East Asian Lepidoptera Conservation Symposium. Hong Kong. P. 5.*(Abstract)
9. Chandra, K. & Sharma, R.M. 2007. Ichthyofaunal Diversity of Madhya Pradesh and Chhattisgarh. Pp. 110-117 In: Freshwater Fish Diversity of Central India, Ed. Lakra, W.S. & Sarkar U.K. *Proc. Of Workshop on "Conservation Assessment of Freshwater Fish Diversity (CAFF) FOR Central India"* organized by National Bureau of Fish Genetic Resources on 25th November, at CIAE Bhopal, M.P., India.
10. Chandra, K. 2010. Faunal Diversity in Madhya Pradesh & Chhattisgarh, National Conference on Biodiversity & Biotechnology "Biodiversity Resources Management & Sustainable Development" 16th & 17th November, 2010 at Govt. M.S. Golwalkar College, Rewa (M.P.), India (Abstract). p. 61.

11. Chandra, K. 2010. Faunal Diversity in Protected Areas in Madhya Pradesh & Chhattisgarh, National Conference on Biodiversity & Biotechnology “ *Biodiversity Resources Management & Sustainable Development*” 16th & 17th November, 2010 at Govt. M.S. Golwalkar College, Rewa (M.P.), India (Abstract). p. 63.
12. Kailash Chandra, Eyarin Jehamalar & G. Thirumalai. 2011. Aquatic and semiaquatic Heteroptera (Hemiptera:Insecta) of Jabalpur, Madhya Pradesh. Abstract submitted on National Seminar on “ *Progress in Life Sciences for Human Welfare*”, organized by the Department of Zoology and Biotechnology, Govt. Model Science College (Autonomous) , Pachpedi, Jabalpur (M.P.).
13. Kailash Chandra and Devanshu Gupta. 2011. Studies on Scarabaeid beetles of Veerangana Durgavati Wildlife Sanctuary, Damoh, Madhya Pradesh. Abstract submitted on National Seminar on “ *Progress in Life Sciences for Human Welfare*”, organized by the Department of Zoology and Biotechnology, Govt. Model Science College (Autonomous) , Pachpedi, Jabalpur (M.P.).
14. Sambath, S. and Chandra, K. 2011. Lepidoptera Diversity in Singhori Wildlife Sanctuary, District Raisen, Madhya Pradesh. Abstract submitted on National Seminar on “ *Progress in Life Sciences for Human Welfare*”, organized by the Department of Zoology and Biotechnology, Govt. Model Science College (Autonomous) , Pachpedi, Jabalpur (M.P.)
15. Chandra, K. and Thilak, J. 2011. Birds observed in Veerangana Durgavati Wildlife Sanctuary, Damoh, Madhya Pradesh. Abstract submitted on National Seminar on “ *Progress in Life Sciences for Human Welfare*”, organized by the Department of Zoology and Biotechnology, Govt. Model Science College (Autonomous) , Pachpedi, Jabalpur (M.P.)
16. Gupta, S. K. and Chandra, K. 2011. Orthoptera (Insecta) recorded from Khandwa, Khargone and Dewas districts of Madhya Pradesh.. Abstract submitted on National Seminar on “ *Progress in Life Sciences for Human Welfare*”, organized by the Department of Zoology and Biotechnology, Govt. Model Science College (Autonomous) , Pachpedi, Jabalpur (M.P.).
17. Sambath, S. and Chandra, K. 2011. Distribution and Diversity of Noctuid fauna of Veerangana Durgavati Wildlife Sanctuary, Damoh District, Madhya Pradesh. *National Seminar on Biodiversity and Intangible Natural Heritage*. Abstract p. 5

C- Papers communicated for publication:-

1. Chandra K. 2005. Introduction : Fauna of Pench Tiger Reserve, Madhya Pradesh.
Conservation Area Series, Zoological Survey of India
2. Chandra K. 2005. Isoptera : *Fauna of Pench Tiger Reserve, Madhya Pradesh*.

- Conservation Area Series, Zoological Survey of India*
3. Chandra K. 2005. Hemiptera : *Fauna of Pench Tiger Reserve, Madhya Pradesh. Conservation Area Series, Zoological Survey of India*
 4. Chandra K. and Mukhopadhyaya, P. 2005. Coleoptera: *Fauna of Pench Tiger Reserve, Madhya Pradesh. Conservation Area Series, Zoological Survey of India*
 5. Chandra K. 2005. Heterocera: *Fauna of Pench Tiger Reserve, Madhya Pradesh. Conservation Area Series, Zoological Survey of India*
 6. Chandra K. and Sharma, H.S. 2005, Pisces : *Fauna of Pench Tiger Reserve, Madhya Pradesh. Conservation Area Series, Zoological Survey of India*
 7. Chandra K. and Gajbe, P. 2005, Amphibia: *Fauna of Pench Tiger Reserve, Madhya Pradesh. Conservation Area Series, Zoological Survey of India*
 8. Chandra K. and Gajbe, P. 2005, Reptilia: *Fauna of Pench Tiger Reserve, Madhya Pradesh. Conservation Area Series, Zoological Survey of India*
 9. Chandra K. and Mahabal, A. 2005, Aves: *Fauna of Pench Tiger Reserve, Madhya Pradesh. Conservation Area Series, Zoological Survey of India*
 10. Chandra K. and Pradhan, M.S., 2005, Mammalia: *Fauna of Pench Tiger Reserve, Madhya Pradesh. Conservation Area Series, Zoological Survey of India*
 11. Chandra, K. 2005. Observations of Sea birds during the XXI Indian Expedition to Antarctica, Technical Report, DOD,
 12. Chandra, K. and Gupta, S.K. 2009. Checklist of Orthoptera of Jammu & Kashmir, India. *Records zool .Surv. India.*
 13. Chandra, K. and Gupta, S.K. 2009 Orthoptera. State Fauna of Maharashtra- State Fauna Series. *Zool. Surv. India.*
 14. Gupta, S.K. and Chandra, K. 2010. Studies on the species composition and diversity of Orthoptera in Pachmarhi Biosphere Reserve, Madhya Pradesh, India, *Biological Forum, An International Journal.*
 15. Chandra, K, and Gupta, S. K. 2010. Orthoptera fauna of Veerangana Durgawati Wildlife Sanctuary, Damoh district, Madhya Pradesh. *Indian Journal of Tropical Biodiversity.*
 16. Chandra, K and Thilak Jayasree, 2010. Avifauna of Veerangana Durgawati Wildlife Sanctuary,

Damoh district, Madhya Pradesh. *Indian Journal of Tropical Biodiversity*.

17. Chandra, K. and Sharma, R.M. 2010. A checklist of Indian Neuropteroids (Insecta: Megaloptera: Raphidioptera: Neuroptera) sent to ZSI, Calicut.
18. Vaibhao Thakare, Varsha Zade and Chandra, K. 2010. Diversity and abundance of Scarabaeid beetles (Coleoptera) in Kolkas region of Melghat Tiger Reserve (MTR), district Amravati, Maharashtra, India.
19. Gupta, S.K. and Chandra, K. 2010. Studies on the species composition and diversity of Orthoptera in Pachmarhi Biosphere Reserve, Madhya Pradesh, India, *Biological Forum, An International Journal*.
20. Sambath, S. and Chandra, K. 2010 Moths Diversity in Chhattisgarh State, India. Paper submitted on *National Seminar on Tropical Ecosystems: Structure, Function and Services*, Organized by the Indian Council of Forestry Research and Education at Institute of Forest Genetics & Tree Breeding, Coimbatore, Tamil Nadu.
21. Sambath, S and Chandra, K. 2010. Moth Diversity of Tawang District, Arunachal Pradesh, India. *Threatened Taxa*.
22. Chandra, K., Gupta, S.K. and Shishodia, M.S. 2011. Endemic Orthoptera (Insecta) of India. ZSI, Special Publication.
23. Chandra, K. *et al.* 2011. Additional records of Scarab fauna (Coleoptera: Scarabaeidae) of Pachmarhi Biosphere Reserve, Madhya Pradesh, India. *National J. Life Sciences*.
24. Chandra, K. *et al.* 2011. Studies on Scarabaeid beetles of (coleoptera) of Govind Wildlife Sanctuary, Garhwal, Uttarakhand, India. *Uttar Pradesh J. Zool*.
25. Chandra, K. *et al.* 2011. New records to the species diversity of family Scarabaeidae (Coleoptera) of Jabalpur, Madhya Pradesh, India. *DCSI*.
26. Chandra, K and Gupta, D. 2011. Cetoniine beetles (Coleoptera: Scarabaeidae: Cetoniinae) of Madhya Pradesh (India) with distributional records and male genitalic studies. *Annals of Forestry*.
27. Chandra, K, Jehamalar, E. Eyarin & Ragunathan, C. 2011. Aquatic and Semiaquatic Heteroptera (Hemiptera: Insecta) of Great Nicobar Biosphere Reserve, Andaman and Nicobar Islands, India, *Rec. zool. Surv. India*.

28. Chandra, K, and Jehamalar, E. Eyarin. 2011. Morphological differences in three species of the genus *Diplonychus* (Hemiptera: Belostomatidae) known from India. *Rec. zool. Surv. India*.
29. Chandra, K. and Gupta, D. 2012. Record of Some insects Associated with *Calotropis procera* (Asclepiadaceae) in Jabalpur district, Madhya Pradesh, India. *National Journal of Life Sciences*.
30. Sambath, S. and Chandra, K. 2011. Distribution and Diversity of Noctuid fauna of Veerangana Durgavati Wildlife Sanctuary, Damoh district, Madhya Pradesh.

State Fauna of Karnataka

31. Sharma, R.M and Kailash Chandra. Insecta: Ephemeroptera.
32. Sharma, R.M and Kailash Chandra. Insecta: Plecoptera.
33. Sharma, R.M and Kailash Chandra. Insecta: Mantodea.
34. Sharma, R.M and Kailash Chandra. Insecta: Embioptera.
35. Sharma, R.M and Kailash Chandra. Insecta: Siphonaptera
36. Sharma, R.M and Kailash Chandra. Insecta: Trichoptera.

Fauna of Achanakmar- Amarkantak Biosphere Reserve.

37. Chandra, K. 2009. Aves.
38. Chandra, K & Pandey, V.K. 2009. Reptilia.
39. Chandra, K & Pandey, V.K. 2009. Amphibia.
40. Chandra, K. 2009. Insecta : Hemiptera.
41. Chandra, K & Thilak, J. 2009. Insecta : Neuroptera.
42. Chandra, K. 2009. Insecta : Coleoptera .
43. Chandra, K & Nema, D.K. 2009. Insecta : Lepidoptera.
44. Chandra, Kailash and Thilak, J 2010. Observations on Vultures in Veerangana Durgavati Wildlife Sanctuary, Damoh District, Madhya Pradesh. *Indian Birds*.

D- Papers published in Hindi

- 1- Chandra, K. and Kumar, S. 1993. Jwalamukhi Visphot Ka Barren Dweep Ke Paryavaran Par Prabhav. *Paryavaran* 5(2) : 21-22.
- 2- Kumar, S. and Chandra, K. 1993. Bhemkaya Dasyu Kekkada. *Paryavaran*, 5(4) : 41.
- 3- Rajan, P.T. and Chandra, K. 1993. Katon Ka Mukut Tara Machchli. *Acanthster planci*, *Paryavaran* 5(4) : 39-40.
- 4- Chandra, K. and Rajan, P.T. 1994. Vishalkaya Samudri Kachhua, *Paryavaran*

6(4) : 21-23.

5-Chandra, K. and Rajan, P.T. 1995. Sperm whale *Paryavaran* 7(2) : 13-15.

6-Chandra, K. and Rajan, P.T. 1995. Andaman Nicobar Ke Prani aur Paryavaran Mei Mahatva. *Dweep Samachar*, November, 5.

7-Rajan, P.T. and Chandra, K. 1996. Bhimkaya Sipi. *Paryavaran* 8(1) : 13-15.

8-Rajan, P.T. and Chandra, K. 1996. Dweep and Pacchhi. *Paryavaran*: 8-11.

9-Chandra, K. and Rajan P.T. 1997. Andaman aur Nicobar Dweep Samuh Mein Vanya Jivan Ki Vartaman Stithi, *Sagar Tarang* , 6: 5-6

10-Chandra, K. and Rajan, P.T. 1998. Andaman Nicobar Dweepon Ki Prani Vividhata, *Pranijagat*,(1997): 259-265 + 4, plates.

11-Chandra, K. 1998. Andaman aur Nicobar Dweep Samuh Ke Sarp. *Sagar Tarang*, 7: 8
11.

E- Popular articles published:

1-Chandra, K. and Kumar, S. 1992. Faunal Exploration of Little Nicobar, *The Daily Telegrams* : 6,11.

2-Chandra, K. 1992. Faunal Treasure of Isles, An Insight. *The Daily Telegrams* : 7.

3-Chandra, K. and Dutta, B. 1995. Tourism and the Environment *Public Hearing on Environment and Development*, PCED, p. 25-26.

4-Chandra, K. 1996. Conservation of Bio-diversity - Need of the hour. *The Daily Telegram* (Special supplement), Aug. 15.

5-Chandra, K. 1997. Isles Abound in Faunal Wealth, *The Daily Telegrams* :
August,17 : 1 & 4.

6-Chandra, K. 1997. Butterflies of Bay Islands. *The Daily Telegram*, : 9th February.

7-Chandra, K. 1998. Conservation of fauna in A & N Islands, *The Daily Telegrams*
(Sp. Supp.) August 15 : 14.

8-Chandra, K. 1999. Biodiversity conservation, an Environmental Concerns in A & N Islands. *C. P. R. Environment Education Centre, Madras.(Proc.)*: 14-16.

Books published

- 1- Chandra, K and Rajan, P. T. 2004. *Faunal Diversity of Mount Harriet National Park (South Andaman), Conservation Area Series No.17*,: pp1- 142. figs.53. Published by the Director, *Zool. Surv. India*, Kolkata.)
- 2- Ramakrishna, Chandra, K. ; Nema, D.K.; Ahirwar, S.C. and Alfred, J.R.B. 2006. *Faunal Resources of National Parks of Madhya Pradesh and Chhattisgarh. Conservation Area Series 30*: pp. 1-123 + 27 Maps and Plates (Published by the Director, *Zool. Surv. India*, Kolkata.)
- 3- Chandra, K., Mahabal, Anil, Gupta, R. and Nema, D.K. 2006. *Avifauna of Kanha Tiger Reserve, Madhya Pradesh. Rec. zool. Surv.India, Occ. Paper , No. 250*:1-214+12 plates.
4. Chandra, K., Sharma, R.M. and Ojha, Praveen,2010, A compendium on the Faunal Resources of Narmada River Basin in Madhya Pradesh. *Rec. zool. Surv. India, Occ. Paper No.*, 310: 1-152 (Published by the Director, *Zool. Surv. India*, Kolkata).
- 5.- Shishodia, M.S., Chandra, Kailash and Gupta, Sunil Kumar, 2010. An annotated checklist of Orthoptera (Insecta) from India. *Rec. Zool. Surv. India, Occ. Paper No. 314*: 1-366. (Published by the Director, *Zool Surv. India*, Kolkata).

As Coordinator:

1. Chandra, K. 2007.*Fauna of Madhya Pradesh (including Chhattisgarh),State Fauna Series, 15*; Edited by the Director, *Zool. Surv. India*, Kolkata .(Part-1): 1- 564
2. Chandra, K.2008. *Faunal Diversity of Jabalpur District, Madhya Pradesh*, Edited by the Director, *Zool. Surv. India*, Kolkata .1-417
3. Chandra, K. 2009. *Fauna of Pachmarhi Biosphere Reserve, Conservation Area Series, 39*: 1-380. (Published by the Director, *Zool. Surv. India*, Kolkata).
4. Chandra, K. 2009. *Fauna of Bandhavgarh Tiger Reserve, Madhya Pradesh, Conservation Area Series, 40*: 1- 290. (Published by the Director, *Zool. Surv. India*, Kolkata).
5. Chandra, K. 2011. *Fauna of Madhya Pradesh (including Chhattisgarh),State Fauna Series, 15*; Edited by the Director, *Zool. Surv. India*, Kolkata .(Part-3).

Edited

- 1- Gangwar, B. and Chandra, K. 1998. *Symp. Pro. Island Ecosystem and Sustainable Development"* (Edited): Andaman Science Association, & Science & Technology,

Andaman and Nicobar Administration: 1-245.

2. Ramakrishna, Chandra, K., Bohra, P., Sharma, G. and Murleedharan, V. (Eds.) 2010. *Golden Jubilee Souvenir of DRC, ZSI, Jodhpur*. Published by Director, ZSI, Kolkata. Evergreen Printers, Jodhpur. 80 pp.
3. Ramakrishna, Chandra, K., Bohra, P., Sharma, G. and Sewak, R. (Eds.) 2010. *National Seminar on Impact of Climate Change on Biodiversity and Challenges in Thar Desert- Abstracts*. Published by Director, ZSI, Kolkata. Evergreen Printers, Jodhpur. 144 pp.
4. Ramakrishna, Chandra, K., Bohra, P. and Sharma, G. (Eds.) 2010. *Impact of Climate Change on Biodiversity and Challenges in Thar Desert- Proceedings of National Seminar, ZSI, DRC, Jodhpur*. Published by Director, ZSI, Kolkata. Evergreen Printers, Jodhpur. 384 pp.

Book published in Hindi

- 1-Rajan, P. T. Chandra, K. and Alfred, J.R.B. 2006. *Andaman & Nicobar Dwipon ki Prani Vividhta (with information on tourism): 1-173 (45 Colour Plates)*
ISBN 81-8171-102-5
- 2.Chandra , K. 2011. *Pranivigyan Ki Vargikaran Shabdavali (Hindi Translation):1-24.*
(Published by the Director, Zoological Survey of India. Kolkata)

Books communicated for the publication

- 1-Chandra, K. 2005. *Faunal Diversity of Pench Tiger Reserve, Madhya Pradesh*
(Coordinator)
- 2-Chandra, K., and Nema, D.K. 2008. *Pictorial Handbook of Moths of Madhya Pradesh and Chhattisgarh. Handbook Series.*
- 3-Chandra, K., Singh, A. 2008. *Pictorial Handbook of Butterflies of Madhya Pradesh and Chhattisgarh. Handbook Series.*
- 4-Chandra, K. 2011. *Faunal Diversity of Achanakmar-Amarkantak Biosphere Reserve,*
(Coordinator) : Conservation Area Series.

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