

BIO-DATA

1. **Name** Dr. Devinder Singh
2. **Designation** Professor
3. **Department** Zoology and Environmental Sciences
4. **Date of Birth** 16.6.1961
5. **Address for Correspondence** Department of Zoology and Environmental Sciences
Punjabi University,
Patiala – 147002 (India)



Residence: #468, Urban Estate Phase I,
Near Radio Station, Patiala-147002
Phones (O) +91-175-3046334
(R) +91-175-2281271

Mobile +91-9815796591
+91-8146996591

Fax Atten. Dr. Devinder Singh
+91-175-2283073

E-mail devinder.ss.61@gmail.com

6. **Areas of Specialisation** Entomology (Systematics, Molecular and Forensics)

7. Academic Qualifications:

Sr. no.	Degree Held	Year	Board/Univ./ Inst.	% of marks	Div./ Rank	Subjects Taken
1	Matric	1976	PSEB Chandigarh	66.9	1 st	Science Group
2	B.Sc.(Medical)	1980	Punjabi University, Patiala	64.6	1 st	Zoology, Botany, Chemistry, Punjabi
3	M.Sc.(Zoology)	1982	--do--	70.7	1 st	Specialization in Entomology
4	M.Phil. (Entomology)	1984	--do--	A-Grade 5.251	N.A	Specialization in Entomology

5	Ph.D.(Entomology)	1986	--do--	N.A	N.A.	N.A
6	PG-Diploma in Ecology & Environment	1990	Indian Institute of Ecology and Environment	70.7	1 st	Ecology and Environment 10 Papers
7	Post-doctoral fellowship	1992-1993	UIC, Chicago, USA	N.A	N.A	N.A

8. Membership of Professional Bodies/Organisations

1. Forensic Entomology Online List	Life member
2. Indian Science Congress Association	Life member
3. National Academy of Vectors and Vector Borne Diseases	Life member
4. Punjab Academy of Sciences	Life member
5. Indian Academy of Forensic Sciences	Member
6. Uttar Pradesh Zoological Society	Member
7. Association for advancement of Insect Science	Member
8. Entomological Society of India	Member
9. Association of Entomologists	Founder Patron

10. Medals/Awards/Honours/Received

- i) Merit scholarship in M.Sc. Zoology
- ii) Govt. of India postdoctoral fellowship for research at the University of Illinois at Chicago, U.S.A. (1992-93)
- iii) Dr. T.N. Ananthkrishnan Oration Award by Defence, Defence Research and Development Organization, Govt. of India (2013)

11. Details of Experience:

S. No.	Name of the Inst./Employer	Position Held	Duration	Major Job Responsibilities and Nature of Experience
1.	Punjabi University, Patiala	Lecturer	July, 1987 to July, 1992	Teaching & Research
2.	-do-	Sr. Lecturer	July, 1992 to July, 1998	Teaching & Research
3.	-do-	Reader	July, 1998 to July, 2006	Teaching & Research
4.	-do-	Professor	July, 2006 onwards	Teaching & Research

12. Published Work (Please specify numbers only):

a.	Research Papers	i) National	141
		ii) International	45
b.	Conference/Seminar Presentation		62
c.	Books	i) Edited	1
d.	General Articles	i) English	4
		ii) Punjabi	13

13. R & D Projects

1. Taxonomic Revision of the Family Tenthredinidae (Hymenoptera, Symphyta) from India
Funded by : ICAR & USPL - 480
Duration : 1991-1996
2. Taxonomic studies on Calliphoridae (Insects, Diptera) from Punjab & surrounding areas.
Funded by : Punjabi University, Patiala
Duration : 1995-1997
3. Studies on the insect fauna of carrion and its Forensic Applications.
Funded by : DST, New Delhi
Duration : 1998- 2001
4. Study of biodiversity of Hymenoptera in the Shivalik ecosystem of Punjab.
Funded by : DOE, New Delhi & PSCST, Chandigarh
Duration : 1999- 2003
5. All India Coordinated project on Taxonomy- Research on Micro Lepidoptera.
Funded by : MoEF, New Delhi
Duration : 2000-2008
6. Cytological and morphotaxonomic studies on terrestrial heteropteran fauna (Insecta, Hemiptera, Heteroptera) of Punjab
Funded by : DST, New Delhi
Duration : 2007- 2010
7. Database for DNA based identification of economically important insects along with observations on the genetic effect of exposure to insecticides
Funded by : DBT, New Delhi
Duration : 2012- 2017

8. Insect diversity in the Indian Himalayan region (SAP-DRS)
 Funded by : UGC, New Delhi
 Duration : 2013- 2018

14. Invited Talks/Articles

- i) Resource person for several refresher courses arranged by different Universities.
 ii) Invited talks in several national conferences

15. Ph.D. students guided/under guidance (Details)

S. No.	Name of the Student	Title of Thesis	Year of Completion
1.	Mr. Jagdeep Singh	Taxonomic revision of subfamily Allantinae (Tenthredinidae : Hymenoptera) from India	1990
2.	Mr. Sanjiv Kumar	Taxonomic revision of genus <i>Pachyprotasis</i> Hartig (Tenthredinidae: Hymenoptera) from the Oriental region.	1990
3.	Mr. Amrinder Singh	Taxonomic revision of families Argidae, Cimbicidae and Diprionidae (Hymenoptera : Symphyta) from India	1991
4.	Ms. Meenakshi Malhotra	Studies on the insect fauna of decaying rabbit carcasses	2001
5.	Mr. Inderpal Singh Sidhu	Taxonomic studies on the family Calliphoridae (Diptera : Cyclorrhapha) from north-west India.	2002
6.	Ms. Navpreet Kaur	Risk assessment of air borne biological pollutants to human health in Punjab with particular reference to dust mites.	2003
7.	Ms. Sapna	Mitochondrial DNA typing for identification of some species of blow flies (Diptera : Calliphoridae)	2007
8.	Mr. V.K. Singh	Taxonomy and zoogeography of Indian Coccinellidae : Coleoptera sans Coccinellinae	2007
9.	Mrs. Parminder Kaur	Studies on comparative account and significance of external genitalia in some Indian hawk moths (Lepidoptera : Sphingidae)	2009
10.	Mr. Amandeep Singh	Studies on the incidence of myiasis among domestic mammals in the state of Punjab	2009

11.	Ms. Garima Aggarwal	Analysis of mitochondrial DNA from different human tissues for individual characterization with particular reference to heteroplasmy	2010
12.	Ms. Madhu Bala	Studies on two species of blow flies (Diptera: Calliphoridae) with particular reference to their forensic importance	2011
13.	Ms. Rashmi Gupta	Taxonomic studies on Lygaeidae and Coreidae (Hemiptera:Heteroptera) from north India supplemented with RAPD markers	2012
14.	Ms. Ravneet Kaur	Taxonomic studies on Pentatomidae (Hemiptera:Heteroptera) from north India supplemented with RAPD markers	2013
15.	Mr. Manish Kumar	Importance of mitochondrial DNA for the identification and phylogenetic analysis of some species of flesh flies (Diptera: Sarcophagidae)	2013
16.	Ms. Kanika Singla	Toxicological studies on Chloropyrifos on various enzymes of albino rat and role of some plant extracts as antidotes	2013
17.	Ms. Neetu Saini	Neuroprotective role of <i>Bacopa monnieri</i> on cholchicine induced dementia in wistar rat	2015
18.	Ms. Naina Khullar	Studies on mitochondrial DNA of some species of blow flies for identification and phylogenetic analysis (Diptera: Calliphoridae)	2015
19.	Ms. Bhanvi Wadhwan	Entomotoxicological studies on <i>Chrysomya megacephala</i> (Diptera: Calliphoridae) feeding upon animal tissues administered various chemicals antemortem	2016
20.	Ms. Bhupinderjeet Kaur	Detection of some heavy metals from maggots and their effect on the development of <i>Chrysomya megacephala</i> (Fab.) (Diptera: Calliphoridae)	2016
21.	Ms. Ramneet Kaur	Studies on the mitochondrial DNA of some species of family Pentatomidae (Insecta: Hemiptera) for identification and phylogenetic analysis	2018

22.	Ms.Sujata Saini	Taxonomy of superfamily Bombycoidea (Lepidoptera) from north-west India supplemented with molecular studies	2018
23.	Ms. Navneet Kaur	Studies on mitochondrial DNA for identification and phylogenetic analysis of some species of hawk moths (Lepidoptera: Sphingidae)	2018
24.	Ms. Navneet Kaur	Studies on mitochondrial DNA for identification and phylogenetic analysis of some species of subfamily Culicinae (Culicidae: Diptera)	2018
25.	Ms. Gaganpreet Kour Bali	Taxonomy of family Lymantriidae (Lepidoptera: Noctuoidea) from north-west India supplemented with molecular studies	Continuing
26	Ms. Divya Vasishat	Studies on mitochondrial DNA for identification and phylogenetic analysis of some species of subfamily Anophelinae (Culicidae: Diptera)	Continuing
27	Mr. Raman Achint	Studies on mitochondrial DNA for identification and phylogenetic analysis of some species of family Muscidae (Diptera)	Continuing
28	Khushhal Kumar	Characterization of heavy metals and pesticides of holy Kali Bein and their bioremediation by resistant bacterial strains	Continuing

16. M.Phil. students guided (Details)

S. No.	Name of the Student	Title of Thesis	Year of Completion
1.	Ms. Harvinder Kaur	Studies on the life history and external morphology of larvae of two blow fly species (Diptera : Calliphoridae)	1990
2.	Mr. Himender Bharti	A taxonomic revision of Indian <i>Macrophya</i> Dahlbom (Tenthredinidae : Hymenoptera)	1992
3.	Ms. Rashmi Garg	Life history of a species of flesh flies (Diptera: Sarcophagidae) and SEM studies on its immature stages	2009

4.	Ms. Bhupinderjeet Kaur	Entomotoxicological studies on <i>Chrysomya megacephala</i> (Fab.) (Diptera: Calliphoridae) feeding upon animal tissues administered Ketamine hydrochloride alone or in combination with Xylazine antemortem	2011
5.	Ms. Lovepreet Kaur	Observations on the effect of Ibuprofen present in decomposing tissue on the development of <i>Chrysomya megacephala</i> (Fab.) (Diptera: Calliphoridae)	2012
6.	Mr. Palwinder Singh	Taxonomic studies on flesh flies (Diptera: Sarcophagidae) from north India	2013
7.	Ms. Divya Vashist	Studies on mitochondrial DNA for identification of some species of subfamily Anophelinae (Culicidae: Diptera)	2016
8.	Mr. Raman Achint	Studies on mitochondrial DNA on some species of muscid flies (Muscidae: Diptera)	2017

17. M.D. (Forensic Medicine) student guided from BFUHS, Faridkot

S. No.	Name of the Student	Title of Thesis	Year of Completion
1.	Dr. Akash Aggarwal	Estimation of post-mortem interval on the basis of entomological evidence	2005

17a. Masters in Public Health student guided from University of Lund, Sweden

S. No.	Name of the Student	Title of Thesis	Year of Completion
1.	Dr Gursimrat Kaur Sandhu	Level of awareness among dog owners about some zoonotic diseases, especially Giardia, in city of Ithaca, New York, USA	2012

18. List of Papers/Courses taught at P.G. and U.G. Level

S. No.	Paper	Class
1.	Agriculture and Medical Entomology	M.Sc. II
2.	Vector Biology	M.Sc. II
3.	Wild life and its management	M.Sc. II

4.	Insect anatomy and physiology	M.Sc. II
5.	Environmental Health Hazards	M.Sc. II
6.	Natural Resources	M.Sc. II

19. Administrative Experience

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| i) | Warden , Boys Hostel | 1990-1992 |
| ii) | Senior Warden , Boys Hostels | 2002-2008 |
| iii) | Director , Planning and Monitoring | 2008-2014 |
| iv) | Treasurer , Punjab Academy of Sciences | 2009-2012 |
| v) | Coordinator , IPR Cell | 2009-2014 |
| vi) | Head , Department of Zoology | 2009-2012 |
| vii) | Member , IQAC | 2010-2017 |
| viii) | Coordinator , UGC NET | 2010-2014 |
| ix) | Executive member , Punjab Academy of Sciences | 2012-2015 |
| x) | Professor Incharge , Sophisticated Instruments Centre | 2012-onwards |
| xi) | Member , Advisory Committee, Centre for Diaspora Studies | 2012-2013 |
| xii) | Member , Coordination Committee, National Translation Mission | 2012-onwards |
| xiii) | Coordinator , Punjabipedia Project | 2013-onwards |
| xiv) | Coordinator , UGC-SAP | 2013-2018 |
| xv) | Officiating Registrar , Punjabi University, Patiala | Jul-Aug, 2013
Jan-Feb, 2014 |
| xvi) | Member , Research Council, Defence Research Laboratory, Tezpur | 2013-14 |
| xvii) | Coordinator , Punjabi Computer Help Centre | 2014-onwards |
| xviii) | Registrar , Punjabi University, Patiala | July, 2014- April, 2017 |
| xix) | Dean , Faculty of Life Sciences | 1.1.2016-31.12.2017 |
| xx) | Chairman , Institutional Biosafety Committee | 2016-2017 |
| xxi) | Coordination , NPTEL, Patiala Chapter | July, 2016-onwards |
| xxii) | Head , Department of Zoology and Env. Sciences | Jan, 2019-onwards |

20. Member editorial board of scientific journal

- i) Annals of Entomology
- ii) Indian Journal of Forensic Medicine and toxicology
- iii) Haltere

21. Technical Proficiency

I have got training in the recently developed field of Forensic Entomology in the laboratory of Professor Bernard Greenberg, University of Illinois at Chicago, U.S.A. and have been working in this field for the last 22 years. Data about the locally available fauna of Forensic importance has been compiled that can be used in crime investigation. Several cases have already been successfully worked out in collaboration with the local medical college. Besides it, studies on the Taxonomy of some insect groups on the basis of morphological and molecular studies is also being undertaken.

22. Conferences/Workshops/Refresher courses attended

- 1) 1989 National Symposium on Indian Studies of Chrysomeloidea.
Organised by Department of Zoology, Punjabi University, Patiala (8.3.89 to 9.3.89)
- 2) 1989 National workshop on Himalayan Ecology.
Organised by School of Entomology, St.John's College, Agra (26.9.89 to 30.9.89)
- 3) 1990 Adventure-cum-study of Flora and Fauna Programme at Nandan Kanan
Organised by Utkal University, Bhubaneswar (6.3.90 to 15.3.90)
- 4) 1990 Special course on key pests of India : their Bioecology with special reference to Integrated pest Management
Organised by Punjab Agriculture University Ludhiana (6.6.90 to 15.6.90)
- 5) 1990 Training course on Insects Mass rearing technologies.
Organised by Indian Agriculture Research Institute, New Delhi (25.6.90 to 7.7.90)
- 6) 1990 Symposium on Entomology for Defence Services.
Organised by Defence Research and Development Establishment, Gwalior (12.9.1990 to 15.9.1990)
- 7) 1992 Refresher Course in Life Science-Present trends in Life Sciences.
Organised by Guru Nanak Dev University, Amritsar (15.6.92 to 12.7.92)
- 8) 1992 Orientation course for University and College teachers.
Organised by Punjab University, Chandigarh (16.9.92 to 13.10.92)
- 9) 1993 Advances in Forensic Entomology.
Organised by North-east Multi-Regional Training Inc. Illinois, USA (5.6.93)
- 10) 1994 Ist International Symposium on Vectors and Vector Borne Diseases.
Organised by Regional Medical Research Centre, Bhubaneswar (12.9.1994 to 15.9.1994)
- 11) 1995 XII National Congress - Indian Society for Parasitology
Organised by Indian Society for Parasitology, Goa (23.1.95 to 25.1.95)
- 12) 1996 83rd Indian Science Congress.
Organised by Punjabi University, Patiala (3.1.96 to 8.1.96)

- 13) 1997 14th National Symposium on Recent Trends in Life Sciences.
Organised by Department of Zoology, Punjabi University, Patiala (23.10.97 to 25.10.97)
- 14) 1998 13th International Punjabi Development Conference.
Organised by Punjabi University, Patiala (28.3.98 to 30.3.98)
- 15) 1998 Workshop of Punjabi Writers
Organised by Language Department, Punjab, Patiala (4.2.98)
- 16) 1998 Refresher Course in Environment
Organised by Himachal Pradesh University, Shimla (18.5.98 to 6.6.98)
- 17) 1999 14th International Punjabi Development Conference.
Organised by Punjabi University, Patiala (13.1.1999 to 15.1.1999)
- 18) 1999 Refresher Course in Criminology and Forensic Science.
Organised by Punjabi University, Patiala (1.3.99 to 22.3.99)
- 19) 1999 IVth International Symposium on Vectors and Vector Borne Diseases.
Organised by Defence Research and Development Establishment, Gwalior (18.2.1999 to 20.2.1999)
- 20) 1999 IIIrd Punjab Science Congress.
Organised by Punjab University, Chandigarh (10.12.1999 to 12.12.1999)
- 21) 1999 Patent Awareness Workshop.
Organised by PSCST at Thapar Institute, Patiala (9.10.1999)
- 22) 2000 5th International Symposium on Vectors and Vector Borne Diseases.
Organised by Punjabi University, Patiala (16.2.2000 to 18.2.2000)
- 23) 2001 Workshop on Arthropod Taxonomy –Status and Challenges.
Organised by University of Agriculture Sciences, Bangalore (15.7.2001)
- 24) 2001 Forensic Medicon - 2001. XXII Annual National Conference of Indian Academy of Forensic Medicine.
Organised by S.M.S Medical College, Jaipur (5.1.2001 to 7.1.2001)
- 25) 2002 National Conference on the Role of Forensic Science in Criminal Investigations.
Organised by Bundelkhand University, Jhansi (13.2.2002 to 14.2.2002)
- 26) 2002 UGC working conference on Entomological Research – Progress and Problems.
Organised by Punjab University, Chandigarh (19.3.2002 to 21.3.2002)

- 27) 2003 National Symposium on recent trends in Zoological Sciences.
Organised by Punjabi University, Patiala (12.3.2003 to 13.3.2003)
- 28) 2004 91st Indian Science Congress.
Organised by Punjab University, Chandigarh (3.1.2004 to 7.1.2004)
- 29) 2005 8th Punjab Science Congress
Organised by Punjabi University, Patiala (7.2.2005 to 9.2.2005)
- 30) 2005 7th International Symposium on vectors and vector borne diseases
Organised by Punjabi University, Patiala (18.2.2005 to 20.2.2005)
- 31) 2005 International Conference on Modern Trends in Forensic Science.
Organised by Bundelkhand University, Jhansi (13.2.2005 to 15.2.2005)
- 32) 2006 National Congress of Entomology
Organised by Punjabi University, Patiala (15.3.2006 to 17.3.2006)
- 33) 2006 6th International Congress of Dipterology
Organised at Fukuoka, Japan (23.9.2006 to 28.9.2006)
- 34) 2007 Research Interface workshop on insect diversity with particular emphasis on
Microlepidoptera
Organised by Punjabi University, Patiala (24.3.2007 to 25.3.2007)
- 35) 2007 1st Conference on Medical Arthropodology
Organised by CRME, Madurai (1.9.2007 to 2.9.2007)
- 36) 2007 International Conference on Ants and other Social Hymenoptera (6th AneT)
Organised by Punjabi University, Patiala (9.10.2007 to 13.10.2007)
- 37) 2008 11th Punjab Science Congress
Organised by Thapar University, Patiala (7.2.2008 to 9.2.2008)
- 38) 2009 International Conference on Entomology
Organised by Punjabi University, Patiala (26.2.2009 to 28.2.2009)
- 39) 2009 Recent advances in disease vector management
Organised by DRDE, Gwalior (20.7.2009 to 24.7.2009)
- 40) 2010 Environmental degradation and its impact on mankind
Organised by Punjabi University, Patiala (19.11.2010 to 20.11.2010)
- 41) 2011 1ST Punjabi University Science Congress
Organised by Punjabi University, Patiala (28.2.2011)

- 42) 2011 6TH International Symposium on molecular Insect Science
Organised by Elsevier, Amsterdam, Netherlands (2.10.2011 to 5.10.2011)
- 43) 2011 National conference on impact of Science and Technology on societal development
Organised by SUS College of Science and Technology, Tangori (3.11.2011 to 5.11.2011)
- 44) 2012 2nd Punjabi University Science Congress
Organised by Punjabi University, Patiala (28.2.2012)
- 45) 2012 International Conference on Entomology
Organised by Punjabi University, Patiala (17.2.2012 to 19.2.2012)
- 46) 2012 National Symposium on education and research in Forensic Science: Issues and Challenges
Organised by Punjabi University, Patiala (15.3.2012 to 16.3.2012)
- 47) 2013 National conference on insect diversity and systematics: special emphasis on molecular approach
Organised by Aligarh Muslim University, Aligarh (28.10.2013 to 30.10.2013)
- 48) 2013 7th Conference of Medical Arthropodology
Organised by Defence Research Laboratory, Tezpur (12.12.2013 to 13.12.2013)
- 49) 2013 Teachers training on social insects
Organised by Society for Environment and development, Patiala (17.12.2013 to 19.12.2013)
- 50) 2014 International Conference on Entomology
Organised by Punjabi University, Patiala (21.2.2014 to 23.2.2014)
- 51) 2015 Seminar on Excessive Use of toxic Chemicals and its impact on Human life and Environment
Organised by A. S. College, Khanna (29.1.2015)
- 52) 2015 National seminar on Conservation of natural resources
Organised by G.H.G. Khalsa College, Gurusar Sadhar (27.3.2015 to 28.3.2015)
- 53) 2015 World Punjabi Conference
Organized by Punjabi Business Professional Association, Toronto, Canada (13.6.2015 to 14.6.2015)
- 54) 2015 National Conference on Entomology
Organised by Punjabi University, Patiala (29.10.2015 to 30.10.2015)

- 55) 2015 National Conference on innovative approaches in public health
Organised by AFMC. Pune (18.11.2015 to 20.11.2015)
- 56) 2016 19th Punjab Science Congress
Organised by SUS College of Science and Technology, Tangori (7.2.2016 to 9.2.2016)
- 57) 2106 International Punjabi Literature, Culture and Language Conference: Present and Future
Organised by International Punjabi Literature Academy, California at State University of Fresno, USA (4.6.2016 to 5.6.2016)
- 58) 2016 5th International Conference on Forensic Research & Technology
Organised by Conference series.com at San Francisco, USA (31.10.2016 to 2.11.2016)
- 59) 2016 International Conference on Entomology
Organised by Punjabi University, Patiala (3.12.2016 to 5.12.2016)
- 60) 2017 Key note lecture at Inspire Internship Camp
Organised by DAV College, Chandigarh (2.1.2017 to 6.1.2017)
- 61) 2018 Global Punjabi Conferterence
Organised by Khalsa College, Patiala (22.2.2018 to 23.2.2018)
- 62) 2018 Science and Science Educatiomm
Organised by Indian Institute of Science Education and Research (13.10.2018 to 14.10.2018)

23. List of Papers Published

- 1) *1985 Three new genera of Tenthredinidae from India (Hym., Symphyta).
Dtsch. ent. Z. , N.F., 32(4-5) : 325-334 **EAST GERMANY**
- 2) *1985 The gross external morphology of *Arge simlaensis* CAMERON (Hym. Argidae)
Dtsch. ent. Z. , N.F., 32(4-5) : 363-377 **EAST GERMANY**
- 3) 1985 Five new species of *Siobla* Cameron (Hymenoptera: Tenthredinidae) from India with a key to the Indian species.
J.Bombay Nat. Hist. Soc., 82(2) : 381-387 **BOMBAY**
- 4) *1986 Four new species, two each of *Athlophorous* and *Macrophya* (Hymenoptera:Tenthredinidae) from India.
J. New York Entomol. Soc., 94(1) : 62-69 **U.S.A**

- 5) 1986 First record of 13 species of *Tenthredo* Linn. (Hymenoptera : Tenthredinidae) from India
Uttar Pradesh J.Zool., 6(1) : 75-81 **MUZAFFARNAGAR**
- 6) 1986 A new synonymy for *Tenthredo providus* (Smith) (Hymenoptera: Tenthredinidae)
Jour. ent. Res., 10(2) : 205-206 **NEW DELHI**
- 7) 1986 Zoogeographical distribution of genus *Tenthredo* Linn. (Hymenoptera : Tenthredinidae).
Ann. Entomol., 4(2) : 41-44 **DEHRADUN**
- 8) *1987 Six new species of *Tenthredo* LINN. from North-western India (Hymenoptera, Symphyta, Tenthredinidae).
Reichenbachia, 24(29) : 189-198 **EAST GERMANY**
- 9) *1987 Four new species of *Loderus* KONOW from India with a key to the oriental species of this genus (Hymenoptera: Tenthredinidae).
Dtsch. ent. Z., N.F., 34(4-5) : 367-371 **EAST GERMANY**
- 10) *1987 Five new species of *Tenthredo* LINNEUS. From Uttar-khand area (India) (Hymenoptera:Tenthredinidae).
Dtsch. ent. Z., N.F., 34(4-5) : 397-405 **EAST GERMANY**
- 11) *1987 A new genus and a new species of Siricinae (Insecta, Hymenoptera, Siricidae) from India with a revised key to its world genera.
Zool. Scr., 16(2) : 177-180 **NORWAY**
- 12) *1987 Induction of Artificial Parthenogenesis in *Athalia lugens proxima* (Hymenoptera : Tenthredinidae).
Entomol. Gener., 12(2-3) : 171-176 **WEST GERMANY**
- 13) *1987 Six new species of *Tenthredo* LINNAEUS (Hymenoptera : Tenthredinidae) from India.
J. New York Entomol. Soc. , 95(2) : 328-337 **U.S.A**
- 14) *1987 Studies on Indian species of *Athlophorus* BURM. (Insecta, Hymenoptera, Tenthredinidae, Selandriinae).
Faun. Abh., 15(5) : 27-29 **EAST GERMANY**
- 15) *1987 A new genus and a new species of Xiphydriidae (Insecta, Hymenoptera, Symphyta) from India.
Zool. Scr., 16(4) : 355-356 **NORWAY**
- 16) 1987 First record of males for fifteen oriental species of *Tenthredo* LINN. (Hymenoptera : Tenthredinidae) from India.
Entomon, 12(3) : 305-308 **TRIVANDRUM**

- 17) *1987 Comparison of the telomeres and gonomaculae in the male genitalia of nine families of Symphyta (Hymenoptera : Insecta).
Israel Jour. Entomol. , 21: 119-122 **ISRAEL**
- 18) 1988 Five new species of *Tenthredo* Linnaeus (Hymenoptera: Tenthredinidae) from the Garhwal hills.
J. Bombay Nat. Hist. Soc., 85(1) : 143-151 **BOMBAY**
- 19) *1988 Five new species of *Tenthredo* LINNAEUS from the Eastern Himalaya (Hymenoptera : Tenthredinidae).
Dtsch. ent. Z. N.F. , 35(4-5) : 387-394 **EAST GERMANY**
- 20) 1988 Six new species of *Tenthredo* Linnaeus (Hymenoptera : Tenthredinidae) from northern India.
J. Bombay Nat. Hist. Soc., 85(2) : 366-375 **BOMBAY**
- 21) *1988 Six new species of *Tenthredo* LINN. from the western Himalayas (Insecta, Hymenoptera, Symphyta, Tenthredinidae)
Reichenbachia, 35(28) : 137-147 **EAST GERMANY**
- 22) 1988 New synonymy for *Tenthredo himalayensis* (Radoszkowsky) (Hymenoptera : Tenthredinidae).
Uttar Pradesh J. Zool., 8(1) : 97-99 **MUZAFFARNAGAR**
- 23) *1988 First record of *Xiphydria* (Hymenoptera, Xiphydriidae) from India with description of two new species.
Kontyu, 56(3) : 565-568 **JAPAN**
- 24) 1988 A replacement name for *Tenthredo muchei* (Hymenoptera : Tenthredinidae).
Jour. ent. Res., 12(1) : 87 **NEW DELHI**
- 25) *1989 Studies on Indian Dolerini (Hymenoptera: Tenthredinidae).
Bulletin Kon. Bel. Ins. Nat., Entom, 58:189-190 **BELGIUM**
- 26) *1990 Five new species of *Metallopeus* Malaise (Hymenoptera : Tenthredinidae) from India, with a key to the Indian species.
Jpn. J. Ent. , 58(1) : 1-9 **JAPAN**
- 27) 1990 Transfer of the species *lucida* from *Macrophya* to *Tenthredo* (Hymenoptera: Tenthredinidae).
Jour. ent. Res., 14(1) : 146 **NEW DELHI**

- 28) *1992 The sawfly genus *Propodea* MALAISE of the Oriental region
(Insecta, Hymenoptera, Tenthredinidae, Tenthrediniinae).
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