

Curriculum Vitae

MANPREET SINGH PANDHER, Ph.D

Scientist-C Miscellaneous Insect Order Section,
Zoological Survey of India, Headquarters, Kolkata, W.B.
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Research Interests:

- Taxonomy of Caddisflies
- Evolution of Aquatic insects
- Climate Change and role of indicator species especially in the fragile Himalayan Ecosystem
- Ecology of Trichoptera
- Biodiversity Conservation, Biomonitoring of Aquatic ecosystem

EDUCATIONAL QUALIFICATION

Exam Passed	Board/ University	Year
MATRIC	C.B.S.E., New Delhi.	1997
+2 (MED)	C.B.S.E., New Delhi.	1999
B.Sc (MED)	Panjab University, Chandigarh.	2002
B.Ed	Panjab University, Chandigarh.	2003
M.Sc ZOOLOGY (with Dissertation)	Punjabi University, Patiala.	2005
Ph.D ZOOLOGY ENTOMOLOGY	Punjabi University, Patiala.	2012

Topic of M.Sc Dissertation: “*TAXONOMIC STUDIES ON SOME (PYRALIDAE: LEPIDOPTERA) FROM DISTRICT SOLAN OF HIMACHAL PARDESH.*”

Supervisor: Dr. Jagbir Singh Kirti, Professor, Department of Zoology & Env. Sci.,
Punjabi University Patiala, India.

TOPIC OF PhD: “*TAXONOMIC STUDIES ON CADDIS FLIES OF ANNULIPALPIA (INSECTA: TRICHOPTERA) FROM INDIAN HIMALAYA.*”

Supervisor: Dr. M. S. Saini, Professor (Retd.), Department of Zoology & Env. Sci.,
Punjabi University, Patiala, India.

Research Experience: 10Years

POSITIONS HELD:

Positions Held	Funding Agency	From	To
Senior Research Fellow	ICAR, Pusa, Ministry of Agriculture, Govt. of India	2006	2007
Project Fellow	UGC, DRS(SAP-I), Govt of India	August, 2007	September, 2009
Research Associate	ICAR, Pusa, Ministry of Agriculture, Govt. of India	September 2009	December, 2012
Assistant Professor	Baba Farid Group of Institutions, Bathinda	December, 2012	July, 2013
Assistant Professor	Desh Bhagat University, Mandi Gobindgarh	July, 2013	July, 2014
Assistant Professor	S.G.G.S. Khalsa College, Mahilpur	July, 2014	March,2016
Young Scientist	S.E.R.B., New Delhi	March,2016	March, 2017
Scientist-C	Zoological Survey of India	April,2017	To present

Research Project: SERB Startup- Young Scientist Project: “Studies on Family Philopotamidae (Insecta: Trichoptera): delimiting species boundaries using morphology and DNA sequences from North Western Himalaya”. (2016-2019) **Grant: Rs. 41,25,000/-**

Participation in Symposia / Conferences/Workshops:

1. Attended VIIth International Symposium on Vectors and Vector Borne Diseases held at Punjabi University, Patiala. (Feb,2005)
2. Attended IXth Punjab Science Congress held at Punjabi University, Patiala.
3. Attended International Conference on Hymenoptera held at Punjabi University, Patiala 2007
4. Attended Agro Tech International Food & Agriculture Conferences Nov, 2008.
5. Attended International Conference on Entomology held at Punjabi University, Patiala 2009.
6. Attended National Conference on Man and Environment (Pbi. University, Patiala) 2012.
7. Attended State Level Seminar on Excessive Use of Toxic chemical and its Impact on Human Life & Environment (A. S. College, Khanna) 29th Jan, 2015.

8. Attended one day Workshop on Entomology (Pbi. University, Patiala) March, 2015
9. Attended XVth International Symposium on Trichoptera held at Rutgers University, New Jersey, USA. (4th June, 2015- 7th June, 2015).
10. Attended Pre-symposium Molecular Workshop held at Rutgers University, New Jersey, USA (30th May, 2015- 2nd June, 2015).
11. Attended National Conference on Entomology (Pbi. University, Patiala) October, 2015.
12. Attended ZOOCON-2016 at Panjab University Chandigarh November 17-18, 2016.
13. Attended International Conference on Entomology (Pbi. University, Patiala) December 3-5, 2016.

Publications: Total =22 International = 17 National = 5

1. **Pandher, M.S.,** Kaur,S., Parey, S.H. & Saini, M.S. 2017 Review of genus *Hydropsyche* (Insecta: Trichoptera) from India. *Zootaxa* **4365**: 331-360. ISSN **1175-5334**
2. Parey, S.H. & **Pandher, M.S.** 2016 Two new species of *Apsilochorema* Ulmer, 1907 (Trichoptera: Hydrobiosidae) from India, *Aquatic Insects*, **37**: 4, 267-272, DOI: 10.1080/01650424.2016.1267770
3. Parey, S.H., Morse, J.C. & **Pandher, M.S.** 2016. Three new species of genus *Lepidostoma* Rambur (Lepidostomatidae: Trichoptera) from India. *Zootaxa*. **4136 (1)**: 181–187. ISSN **1175-5334**
4. **Pandher, M. S** & Saini, M.S. 2015. Five new species of genus *Kisaura* Ross (Trichoptera: Philopotamidae) from Himachal Pradesh (India) *Zootaxa* **4021 (2)**: 377–386. ISSN **1175-5334**
5. **Pandher, M. S** & Saini, M.S. 2014. New additions to the genus *Kisaura* Ross (Trichoptera: Philopotamidae) from the Indian Himalaya. *Zootaxa*. **3793 (5)**: 538-544. ISSN **1175-5334**
6. **Pandher, M.S** & **Kaur, S.** 2014. Three new species and one new record of genus *Chimarra* Stephens (Trichoptera: Philopotamoidea: Philopotamidae) from Indian Himalaya. *Advances in Zoology*. <http://dx.do.org/10.1155/2014/950954>. ISSN **2356-6922**
7. **Pandher, M. S,** Saini, M.S. & Parey, S.H. 2014. Four new species of *Chimarra* Stephens (Trichoptera: Philopotamidae: Philopotamidae) from

- Indian Himalaya. *Journal of Asia-Pacific Entomology* **17**: 183-189. ISSN **1226-8615**.
8. **Pandher, M. S**, Saini, M.S. & Parey, S.H. 2013. Review of the genus *Stenopsyche* McLachlan (Trichoptera: Stenopsychidae) in India. *Zootaxa* 3717(1): 065-075. ISSN **1175-5334**
 9. **Pandher, M. S.** & Saini, M.S. 2013. Addition of a new species to *Ecnomus* McLachlan, 1864 (Trichoptera: Ecnomidae) along with key to its Indian Fauna. *Halteres*. 4, 19-24. ISSN **0973-1555**
 10. **Pandher, M. S** & Saini, M.S. 2013. Three new species of genus *Chimarra* Stephens (Insecta: Trichoptera) from Indian Himalaya. *Acta Zoologica Academiae Scientiarum Hungaricae*.59 (3): 267-277. ISSN **1217-8837**
 11. Saini, M. S., Kaur, L., **Pandher, M. S.** & Parey, S. H. **2013** Two new species of genus *Apsilochorema* Ulmer (Trichoptera: Hydrobiosidae) from India. *Zootaxa* 3664 (2): 226– 232. ISSN **1175-5334**
 12. Parey, S. H., Saini, M S. & **Pandher, M. S.** **2013**. Two new species of the genus *Pseudostenophylax* Martynov (Trichoptera: Limnephilidae) from the Indian Himalaya. *Zootaxa* **3616** (3): 287–290. ISSN **1175-5334**
 13. **Pandher, M. S** & Saini, M.S **2012**. Seven new species of the genus *Chimarra* Stephens (Trichoptera: Philopotamidae) from India. *Zootaxa*. **3478**: 313–329. ISSN **1175-5334**
 14. **Pandher, M.S.**, Saini, M.S. & Ramamurthy, V.V. **2012**. Addition of four new species to the genus *Kisaura* ROSS, 1956 (Trichoptera: Philopotamidae) from the Indian Himalaya. *Polish Journal of Entomology*.**81**: 185- 194. ISSN **2299-9884**
 15. Parey, S.H., Saini, M.S. & **Pandher, M.S.** 2012. A New species of *Goera* Stephens (Trichoptera: Goeridae) from Arunachal Pradesh (India). *Annals of Entomology*. **30(2)**: 61-64. ISSN **0970-3721**
 16. Saini, M.S., **Pandher, M.S.** & Ramamurthy, V.V. **2012**. Three new species of the genus *Kisaura* (Trichoptera, Philopotamidae) from Indian Himalaya. *Vestnik Zoologii* **46 (6)**: 25-30. ISSN **0084-5604**

17. **Pandher, M. S & Saini, M. S. 2012.** Three new species of the genus *Chimarra* STEPHENS, 1829 (Trichoptera: Philopotamidae) from the Indian Himalayas. ***Polish Journal of Entomology* 81: 63- 72. ISSN 2299-9884**
18. **Pandher, M. S & Saini, M. S. 2011.** First report of the genus *Kisaura* Ross (Trichoptera,Philopotamidae) from India with the description of six new species. ***ZooKeys* 152: 71–86. ISSN 1313-2970**
19. Saini, M.S. & **Pandher, M. S. 2011.** New species and records of the genus *Dolophilodes* Ulmer (Trichoptera: Philopotamidae) from India. ***Zootaxa* 3137: 46-55. ISSN 1175-5334**
20. Saini M. S., **Pandher M. S.**, Bajwa P. **2011.** Addition of two new species to genus *Chimarra* Stephens (Trichoptera: Philopotamidae) from Sikkim (India). ***Halteres.* 3 : 11- 15. ISSN 0973-1555**
21. Saini M. S., Parey, S. H. & **Pandher M.S. 2011.** Three new species of genus *Chimarra* Stephens (Trichoptera: Philopotamidae) from the Indian Himalayas. ***Biosystematica.* 5: 17-24. ISSN 0973-9955**
22. Saini, M. S., Parey, S. H., **Pandher, M. S. & Bajwa, P. 2010.** Three New Species of Caddisfly Genus *Chimarra* Stephens from Indian Himalaya. (Trichoptera: Philopotamidae). ***Bionotes* .12(3): 86- 88. ISSN 0972-1800**

Book Chapter:

1. **Pandher, M.S. 2016.** Macroinvertebrates: The aquatic Biomonitors. In: *Chemicals and Environment* by **Twenty first Publications.** 119- 122. **ISBN 978-93-85447-58-7**

Personal Information:

FATHER'S NAME	S. DHANNA SINGH
MOTHER'S NAME	SUKHWINDER KAUR
DATE OF BIRTH	11 th APRIL, 1981.
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REFEREES:

1. Dr. Kailash Chandra

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2. Dr. Jagbir Singh,

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3. Dr V.V. Ramamurthy,

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Division of Entomology,
IARI, New Delhi.
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(MANPREET SINGH PANDHER)