

BIO-DATA

1. Name : Dr Harbhajan Kaur
2. Designation : Professor
3. Department : Zoology and Environmental Sciences
4. Date of Birth : 21.07.55
5. Address for Correspondence : Department of Zoology and Environmental Sciences
Punjabi University,
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6. Areas of Specialisation : Insect Cytogenetics, Limnology

7. Academic Qualifications:

Sr. no.	Degree Held	Year	Board/Univ./ Inst.	% of marks	Div./ Rank	Subjects Taken
1	B. Sc.	1976	Panjab Univ.	68.3	First	Botany, Zoology, Chemistry
2	M. Sc.	1978	Punjabi Univ.	67.0	First	Zoology
3	M. Phil.	1980	Punjabi Univ.		'A' grade	Zoology
4	Ph. D.	1986	Punjabi Univ.			Zoology

8. Membership of Professional Bodies/Organisations

- i. Life member of Society of Cytologists and Geneticists, India
- ii. Life member of Society of Life Sciences.
- iii. Member of National Institute of Ecology (NIE), New Delhi.

9. Medals/Awards/Honours/Received

- i. Honorary Fellow of Society of Environmental Science (F.S.E.Sc.)
- ii. Honorary member of the Professional Women Advisory Board 1999, 2000. American Biographical Institute.
- iii. Professor J S Datta Munshi Gold Medal (2009) by International Society of Ecological Communication.

iv. **Best Publication Award 2012 by Society of for Advancement of Human and Nature (SADHNA).**

v. **Honorary Fellowship by Bihar Biological Research Society (F.B.B.S.), 2013**

10. Scholarships: Availed Merit Scholarship during M.Sc.

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	w.e.f 23.8.89 to 22.8.98	Teaching of M. Sc. Classes. Guiding research work of M.Sc., M. Phil. and Ph. D. students
2.	Punjabi University, Patiala	Reader	w.e.f 23.8.98 to 22.8.06	As above
3.	Punjabi University, Patiala	Professor	w.e.f 23.8.06 continuing	As above

12. Published Work (Please specify numbers only):

a. Research Papers: 128

i) National = 95

ii) International = 33

b. Conference/Seminar Presentation : Presented: 11, contributed: 25

c. Books i) Edited: One

d. Articles in Punjabi: 7

13. R & D Projects

i) Analytical Studies on Aquatic Ecosystem of Punjab by Punjab State Council for Science and Technology, Chandigarh. Completed

ii) Studies on the Toxic Effects of Industrial Effluents on Chironomid Larvae (Diptera:Chironomidae) by UGC (minor). Completed

iii) Cytological and Morphotaxonomic studies on terrestrial Heteropteran fauna (Heteroptera:Hemiptera; Insecta) of Punjab. Completed

14. Invited Talks/Articles:

- i). Invited lecture on “Use of cytogenetic techniques in insect taxonomy” at “Research Interface Workshop on Insect Diversity with emphasis on Microlepidoptera”, March, 24-25, 2007, Patiala.
- ii). Present ecological status of Satluj river in Punjab at Refresher Course in Environmental Sciences held in 2011 and 2012
- iii). Lectures and demonstrations of cytogenetic techniques in colleges.

15. Ph.D. Students guided/under guidance (Details):

S. No.	Name of the Student	Title of Thesis	Year of Completion
1.	Dr Kulbir Bath	Limnological studies on the Harike Wetland Ecosystem	1997
2.	Dr Joydeep Syal	Present Ecological Status of River Satluj in the region of Punjab	1999
3.	Dr Kanwal Sajeev	Analytical Studies on Ecosystem of the Ropar Headworks Reservoir	2003
4.	Dr. Mubashir Jeelani	Impact of environmental features on two urban lakes of Kashmir	2005
5.	Dr. Sapna	Mitochondrial DNA typing for identification of some species of blow flies (Diptera : Calliphoridae)	2007
6.	Dr. Vikas Suman	Cytological studies on superfamily Lygaeoidea (Hemiptera :Heteroptera)	2010
7.	Ms. Sakshi Jasuja	Evaluation of heavy metal accumulation in some tissues of the edible fish from the river Satluj in Punjab	2011
8.	Mr. Bezuayehu Kerisiew	Cytogenetic investigations on some species of the family Pentatomidae (Insecta: Hemiptera:Heteroptera)	2011
9.	Ms. Rashmi	Taxonomic studies on Families Coreidae and Lygaeidae (Hemiptera: Heteroptera) from North India supplemented with RAPD markers	2012
10.	Ms. Nidhi Bansal	Cytogenetic investigations on some members of family Coreidae (Insecta: Hemiptera:Heteroptera)	2013
11.	Ms. Rajdeep Kaur	Cytogenetic investigations on some species of the family Reduviidae (Insecta; Hemiptera: Heteroptera) from North India	2013
12.	Ms. Ravneet Kaur	Taxonomic studies on Pentatomidae (Hemiptera: Heteroptera) from North India supplemented with RAPD markers	2013
13.	Ms. Harleen Kaur	Studies on the incidence of genetic variations among Panton Valentine Leukocidin genes in clinical isolates of <i>Staphylococcus aureus</i> and antimicrobial effect of some herbal formulations	2013
14.	Ms. Jaspreet Kaur	Molecular and cytogenetic studies on some species of family Libellulidae (Insecta: Odonata)	2016
15.	Ms. Kalchana	Molecular and cytogenetic studies on some species of superfamily Pyrrocoroidae (Insecta: Hemiptera:Heteroptera)	2017

16.	Ms. Kanu	Molecular and cytogenetic studies on some species of family Pentatomidae (Insecta: Hemiptera:Heteroptera)	2017
17.	Ms. Navpreet Kaur Sekhon	Molecular and cytogenetic studies on some species of families Rhopalidae and Alydidae (Insecta: Hemiptera:Heteroptera)	Under guidance
18.	Ms. Nisha Patial	Comparative ultrastructural study of meiotic chromosomes in monocentric and holocentric chromosomes among insects.	Under guidance
19.	Mr. Mehraj Hamid	Cytogenetic and Molecular Studies of Some species of heteroptera (Insecta;Hemiptera) from Jammu and Kashmir.	Under guidance

16. M.Phil./M.Tech Students guided :

S. No.	Name of the Student	Title of Thesis	Year of Completion
1.	Ms. Ruchika Kumar	Cytochemical and cytogenetical studies on oogenesis of <i>Earias vitella</i> (Fabr.)	1992
2.	Ms. Navkiran Kaur	Analytical studies on aquatic ecosystem existing in and around Patiala	1994
3	Ms. Rajdeep kaur	Cytological studies on some species of Reduviidae and Coreidae (Insecta:Hemiptera:Heteroptera)	2009
4	Ms. Jaspreet Kaur	Cytogenetic studies on some Dragonflies of the family Libellulidae(Anisoptera:Odonata)	2010
5	Ms. Nisha Patial	Male reproductive organs and Karyotypes of some species of Heteroptera (Insecta:Hemiptera) and their phylogenetic considerations	2011
6	Mr. Rohit	Genotoxic effects of industrial effluents on Fish	2012

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

S. No.	Paper	Class
1.	Molecular Biology	M. Sc. I Zoology
2.	Genome and Genomics	M. Sc. II Zoology
3.	Human and medical genetics	M. Sc. II Zoology
4.	Aquatic Environment	M. Sc. I Environment Science
5.	Cell Division, Differentiation and Cellular Interaction	M. Sc. II Zoology

Technical Proficiency

1. Techniques in histological and histochemical studies
2. Techniques in cytogenetical studies of insects
3. Techniques in limnological studies
4. Techniques in molecular studies

18. Publications:

A. Papers Published

1983

1. Malhotra, R. K. and Kaur, H. (1983). Chemosterilization of red cotton bug using a new pyrimidine compound. **J. Ani. Morph. Phy.** 30 (2): 196-200.

1984

2. Dhillon, S. S., Sandhu, R. and Kaur, H. (1984). Bioassay of three chemosterilants. **The Indian Zoologist.** 8 (122): 99-104.
3. Sandhu, R. Kaur, D. J. and Kaur, H. (1984). Biological effects of substituted thiourea compounds in *Dysdercus koenigii*. **Zoologica Orientalis.** 1(1) : 43-44.

1985

4. Dhillon, S. S., Sandhu, R. and Kaur, H. (1985). Effects of 1-Phenyl-4,4,6-Trimethyl-1H,4H-Pyrimidine-2-Thiol on the karyotype of *Dysdercus koenigii*. **Biologia.** (1): 25-29.

1986

5. Dhillon, S. S., Sandhu, R. and Kaur, H. (1986). Effects of Isobutyl-4,4,6-Trimethyl-1H,4H-Pyrimidine-2-Thiol on the ovarian development of red cotton bug. **J.Sci. Res.** 8 (1):49-56.

1987

6. Kaur, H., Dhillon, S. S. and Sandhu, R. (1987). A newly discovered antifertility agent: 3NTPT. II. Cytogenetic effects on male gonad cells. **Cytobios** 49 : 169-173. **IF:0.24**
7. Kaur, H., Dhillon, S. S. and Sandhu, R. (1987). A newly discovered antifertility agent: 3NTPT. III. Cytopathological and chromosomal alterations in the male gonad cells. **Folia Morphologica.** 35 (3): 312-315. **IF:0.47**

1988

8. Kaur, H., Dhillon, S. S. and Sandhu, R. (1988). 3NTPT: A newly discovered group of antifertility agent. IV. Tumour like growth in the ovary of *D. koenigii*. **Folia Morphologica** 36 (2):248-249.

IF:0.47

9. Kaur, D, J., Sandhu, R. and Kaur, H. (1988). Histological and cytochemical effects of two substituted thiourea compounds on the fat bodies of red cotton bug, *D. koenigii*. **Folia Morphologica** 36 (2): 221-222.

IF:0.47

10. Kaur, H., Sandhu, R. and Dhillon S. S. (1988). Sex chromosomes of *Dysdercus koenigii* at meiosis I. **Chromosome Information Service**. 44: 15-16.

1989

11. Sandhu, R., Kaur, H. and Kaur, I. (1989). A study on the chromosomes of *Oxycarenus laetus* Kirby (Hemiptera: Lygaeidae). **Perspectives in Cytology and Genetics** 6: 437-440.

12. Sandhu, R., Kaur, H and Batish S. D. (1989). Effects of 2-Thiouracil on the karyotype of male *D. koenigii*. (Fabr.) Hemiptera:Pyrrhocoridae). **Perspectives in Cytology and Genetics**. 6: 441-444.

13. Sandhu, R. and Kaur, H. (1989). Karyological studies on *Myloccerus undecimpunctata* male and cytogenetic effects of 2-Thiopyrimidine on the male gonad cells. **Bionature**. 9(2): 53-56.

14. Sandhu, R., Kaur D. J. and Kaur, H. (1989). Histopathological and histochemical effects of N-(P-Anisyl)- Thiourea on the ovaries of *D. koenigii* (Fabr.) (Heteroptera:Pyrrhocoridae). **Research Bulletin** 40 (III &IV): 207-213.

15. Sood, V., Kaur, H. and Sandhu, R. (1989). Effects of Pyrimidine-2-Thiol on the ovarian histology of *Epilachna vigintioctopunctata* (Fabr.) Coleoptera: Coccinellidae). **Folia Morphologica**. XXXVII (4): 402-406.

IF:0.47

1990

16. Sandhu, R., Batish, S. D. and Kaur, H. (1989-1990). Cytogenetic effects of 2-Thiouracil on female gonad cells of *D. koenigii* . **Zoologica Orientalis**. 6&7: 33-34.

17. Kaur, H., Sandhu, R. and Dhillon, S. S. (1990). Effects of 4,4,6-Trimethyl-1H,4H-Pyrimidine-2-Thiol on the karyotype of *D. koenigii*. **Chromosome Dynamics**. 1: 123-126.
18. Kaur, H., Sandhu, R. and Dhillon, S. S. (1990). 3NTPT: A newly discovered antifertility agent. I. Cytogenetic effects on female gonad cells. **Chromosome Information Service**. 49: 15-16.

1991

19. Kaur, H., Sandhu, R. and Dhillon, S. S. (1991). Effects of TPT on ovariole of red cotton bug. A histopathological and histochemical study. **Annals of Biology**. 7 (1): 25-30.

1992

20. Sandhu, R., Kaur, H., Kaur, I. and Kaur, B. (1992). Effects of 2-Mercaptopyrimidine on the bionomics of *Oxycarenum laetus*, a pest of cotton. **Annales of Entomology**. 10 (1): 1-4.
21. Kaur, H., Dhillon, S. S. and Sandhu, R. (1992). 3NTPT: A newly discovered antifertility agent: VI. Cytochemical alterations in nucleic acids during vitellogenesis of red cotton bug. **Bionature**. 2 (1&2): 57-64.
22. Kaur, H., Sandhu, R. and Dhillon, S. S. (1992). 3NTPT: A newly discovered antifertility agent: V. ovarian dysfunction in *D. koenigii*. **Cytobios**. 69: 75-87. **IF:0.24**

1993

23. Dhillon, S. S., Kaur, H. , Bath, K. and Syal, J. (1993). The impact of effluence on the zooplankton population of Beas river. **J. Ecotoxicol. Environ. Monit**. 3(2):117-120.
24. Kaur, H., Dhillon, S. S. and Sandhu, R. (1993). 3NTPT : A newly discovered antifertility agent: VII. Histochemical effects on the vitellogenesis in *D. koenigii*. **J.Ecotoxicol.Environ. Monit**. 3(1): 31-34.
25. Sandhu, R., Kaur, H. and Batish, S. D. (1993). Antifertility effects of 2-Thiouracil in *D. koenigii* (Fabr.). **Annals of Biology**. 9(2): 279-284.
26. Kaur, H. and Kumar, R. (1993). Female meiosis in *Earias vitella* . **Bionature**. 13(1): 55-58.

27. Kaur, H. and Kumar, R. (1993). Occurrence of two types of cocoons and their relation to sex in *Earias vitella*. **Annales of Entomology**. 11(1): 53-54.
28. Dhillon, S. S., Kaur, H. and Bath, K. S. (1993). Zooplankton fauna of Beas river. **Env. & Eco**. 11 (4): 916-919.
29. Kaur, H., Sandhu, R. and Dhillon, S. S. (1993). Substituted Pyrimidine-2-Thiol: A newly discovered group of antifertility agents against red cotton bug. **Indian Journal of Entomology**. 55 (3): 396-403.

1994

30. Kaur, H., Dhillon, S. S. and Sandhu, R. (1994). Histopathological effects of 4,4,6-Trimethyl-1H,4H-Pyrimidine-2-Thiol on the testes of *D. koenigii*. **Annals of Entomology** 12(1) : 25-27.
31. Dhillon, S. S., Kaur, H. and Kaur, I. (1994). Primary productivity and Schirmacher food web. **Env. & Eco**. 12(3): 706-709.

1995

32. Dhillon, S. S., Kaur, H. and Kaur, I. (1995). Biotic factors of Schirmacher Ecosystem . **Env. & Eco**. 13(1) : 219-226.
33. Kaur, H., Dhillon, S. S., Bath, K. S. and Kaur, N. (1995). Invertebrate fauna of fresh water bodies existing in and around Patiala. **J. Env. & Poll**. 2(4): 163-167.
34. Sandhu, R., Kaur, H. and Sood V. (1995). Histopathological effects of N-Phenyl Thiourea on the ovaries of *Epilachna vigintioctopunctata* (Fabr.). **Bionature**. 15(2): 85-90.
35. Kaur, H., Dhillon, S. S. and Kaur, N. (1995). Physicochemical characteristics of fresh water ecosystem prevailing in and around Patiala. **Env. & Eco**. 13(3): 523-528.

1996

36. Dhillon, S. S. and Kaur, H. (1996). Analytical studies on aquatic ecosystem of Punjab. Final Technical report, Punjabi University, Patiala..
37. Dhillon, S. S., Kaur, H. and Bath, K. S. (1996). Aquatic animal diversity and its conservation in Harike Wetland. **Env. & Eco**. 14(3): 619-623.
38. Dhillon, S. S., Kaur, H., Bath, K. S. and Goldie (1996). Physicochemical and biological characteristics of water bodies infested with water hyacinth. *Some Facets of Biodiversity*. SES & PSCST Publ. Chd. 83-90.

39. Kaur, H., Dhillon, S. S., Bath, K. S. and Mander, G. (1996). Analysis of elements polluting river Ghaggar in the region of Punjab. **J. Env. & Poll.** 3(2): 65-68.
40. Sandhu, R., Kaur, B. and Kaur, H. (1996). Female reproductive system in *Oxycarenus laetus*. **Bionature.** 16(1&2) :1-8.
41. Kaur, H., Dhillon, S. S., Bath, K. S. and Mander, G. (1996). Abiotic and biotic components of a fresh water pond of Patiala. **Poll. Res.** 15(3): 253-256.
42. Sandhu, R., Kaur, B. and Kaur, H. (1996). Histomorphology of the male reproductive system of the dusky cotton bug, *Oxycarenus laetus* Kirby (Heteroptera, Lygaeidae) with special reference to ejaculatory duct. **Ann. Entomol.** 14(1): 1-7.

1997

43. Kaur, H., Dhillon, S. S., Bath, K. S. and Mander, G. (1997). A statistical approach to inter-relationship between protozoans and physicochemical factors at Harike reservoir (Punjab-India). **Indian J. Environ. Sci.** 1(1): 47-50.
44. Kaur, H., Sandhu, R and Dhillon, S. S. (1997). Ovarian atrophy: a major consequence of 1-Allyl-4,4,6-Trimethyl-1H,4H-Pyrimidine-2-Thiol treatment to the red cotton bug. **Bionature.** 17(1): 25-30.
45. Kaur, H., Dhillon, S. S., Bath, K. S. and Mander, G. (1997). Inter-relationships between physicochemical factors at Harike wetland. **J. Env. & Poll.** 4(3): 237-240.
46. Bath, K. S., Kaur, H. and Dhillon, S. S. (1997). Crustacean population in relation to physicochemical factors at Harike reservoir. **Env. & Eco.** 15(4) : 954-957.
47. Bath, K. S. and Kaur, H. (1997). Aquatic insects as bioindicators at Harike reservoir in Punjab-India. **Indian J. Environ. Sci.** 2(1): 133-138.

1998

48. Bath, K. S. and Kaur, H. (1998). Seasonal distribution and population dynamics of aquatic insects in Harike reservoir. **J. Ecobiol.** 10(1): 43-46.
49. Bath, K. S., Kaur, H., Jerath, N. and Dhillon, S. S. (1998). Aquatic plant diversity of Harike reservoir. **Env. & Eco.** 16(3): 665-668.

50. Bath, K. S., Kaur, H. and Dhillon, S. S. (1998). Seasonal distribution and population dynamics of rotifers in Harike reservoir. **J. Env. & Poll.** 5(4): 249-252.

1999

51. Kaur, H., Dhillon, S. S., Bath, K. S. and Mander, G. (1999). Aquatic invertebrate diversity of Kanjli lake. **Indian J. Environ. & Ecoplan.** 2(1): 37-41.
52. Dhillon, S. S., Kaur, H. and Bath, K. S. (1999). Correlation of rotifers with physicochemical factors at Harike reservoir. In. *Fresh Water Ecosystem of India*. Daya Publ. House., New Delhi. 187-192.
53. Kaur, H., Dhillon, S. S., Bath, K. S. and Mander, G. (1999). Zooplankton fauna as indicator of pollution in Buddha Nallah. **Poll. Res.** 2.
54. Kaur, H., Dhillon, S. S., Bath, K. S. and Mander, G. (1999). Physicochemical characteristics of water of Buddha Nallah. **Indian J. Environ Sci.** 3(1) : 27-30.
55. Bath, K. S., Kaur, H. and Dhillon, S. S. (1999). Correlation of molluscs with physicochemical factors at Harike reservoir. **Indian J. Environ Sci.** 3(2) : 159-163.

2000

56. Kaur, H., Bath, K. S. and Dhillon, S. S. (2000). Present ecological status of Harike reservoir- Causes of concern and management strategies. In. **Industry, Environment & Pollution.** 186-199.

2001

57. Kaur, H., Syal, J. and Dhillon, S. S. (2001). Water quality index of the river Satluj. **Poll. Res.** 20(2): 199-204.
58. Kaur, H., Jerath. N, Sajeev, K. and Bath, K. S.(2001). Aquatic plant diversity of Ropar Wetland. **Indian J. Environ. Sci.** 6(1): 23-26.

2002

59. Kaur, H., Syal, J. and Dhillon, S. S. (2002). Study of bioindicators in Satluj river in the region Punjab. In. **Eco-degradation, Biodiversity and Health.** Daya Publ. House. 244-250.
60. Kaur, H., Syal, J. and Dhillon, S. S. (2002). Distribution of phytoplanktons in the river Satluj. In. **Ecology and conservation of lakes, reservoirs and rivers.** ABD Publ. Jaipur.

61. Kaur, H., Syal, J. and Dhillon, S. S. (2002). Impact of fertilizer factory wastes on physicochemical features of Satluj river. In. **Ecology of polluted waters** (2). APH Publ. Cor.: 681-692.

2004

62. Jeelani, M., Kaur, H. and Sarwar, S. G. (2004). Population dynamics of rotifers in the Anchar lake, Kashmir (India). **Indian J. Environ. and Ecoplan.** 8(2): 315-318.
63. Kaur, H. (2004). Effect of distillery wastes on Chironomus larvae (Diptera: Chironomidae). **National J. Life Sciences.** 1(1): 157-160.

2005

64. Jeelani, M., Kaur, H. and Sarwar, S. G. (2005). Distribution of rotifers in the Dal lake, Kashmir, India. **Poll. Res.** 24(1): 79-82.
65. Jeelani, M., Kaur, H. and Sarwar, S. G. (2005). Distribution and ecology of phytoplankton in the Dal lake, Kashmir (India). In. **Ecology of Planktons.** Daya Publ. House. pp 41-54

2006

66. Kaur, H., Shina Chhabra, Vikas Suman and Manisha Gupta (2006). Chromosomes and their meiotic behavior in two families of sub-order Heteroptera. **Cytologia** 71(2): 111-118 **IF:0.47**
67. Jeelani, M., Kaur, H. and Sarwar, S. G. (2006). Distribution and ecology of zoobenthos in the Anchar lake of Kashmir. **Indian J. Environ. and Ecoplann.** 12(3): 585-590.
68. Kaur, H., Sajeev, K., Jasuja, S. and Dhillon, S. S. (2006). Insect fauna of Ropar reservoir (Punjab:India). In. . Ecobiology of Aquatic Insects (2008) Ed. Kumar, A. and Kaur, H.. Daya Publ. House.
69. Kaur, H., Syal, J., Jasuja, S. and Dhillon, S. S. (2006). Distribution of insects in relation to pollution in the Satluj river (Punjab-India). In. Ecobiology of Aquatic Insects (2008) Ed. Kumar, A. and Kaur, H. Daya Publ. House.

2007

70. . Jeelani, M., Kaur, H. and Sarwar, S. G. (2007). Studies on the ecology of crustaceans in the Dal lake of Kashmir. **Poll. Res.** 26 (2). 107-112.
71. Kaur, H., Suman V. and Sapna (2007). Silver staining analysis of nucleolar organizer activity in *Coccinella septupunctata* Linn. and *C.*

transversalis Fabr. (Coleoptera: Coccinellidae: Coccinellinae). **J. Cytol. Genet.** 8: 13-16.

2008

72. Jeelani, M., Kaur, H. and Kumar, R. (2008). Impact of climate warming on the biodiversity of freshwater ecosystem of Kashmir, India. Proc. Taal. 2007. World Lake Conference: 1103-1109.
73. Kaur, H., Sayal, J. Jasuja, S and Dhillon, S.S. (2008) Distribution of insects in relation to pollution in the Satluj river (Punjab-India). In. Ecobiology of Aquatic Insects (2008) Ed. A.Kumar and H. Kaur. Daya Publ. House. pp 100-106.
74. Kaur, H; Sajeev, K; Jasuja, S. and Dhillon, S.S. (2008). Insect fauna of Ropar reservoir (Punjab: India). In. Ecobiology of Aquatic Insects (2008) Ed. A. Kumar and H. Kaur. Daya Publ. House. pp 91-99.

2009

75. Kaur, H. and Suman, V. (2009). Chromosomes and their meiotic behaviour in two species of *Dieuches* Dorn 1860 (Heteroptera, Lygaeidae, Rhyparochrominae). **Comparative Cytogenetics (Russia)** 3 (1): 43-50.
IF:1.21
76. Kaur, H., Kaur, R. and Suman, V. (2009). Chromosomes and their meiotic behavior in two species of Stenopodainae (Heteroptera: Reduviidae). **Cytologia (Japan)** 74 (2): 147-152. **IF:0.24**

2010

77. Kaur, H., Suman, V. and Kaur, R. (2010). A first report on C- banding and Fluorescent banding in species of *Dieuches* (Rhyparochrominae: Lygaeidae: Heteroptera). **Entomological Research (Korea)** 40: 1-7.
IF:0.33
78. Kaur, H. and Semahagn, B.K. (2010). Meiosis in three species of Heteroptera from Ethiopia (East Africa). **Cytologia (Japan)** 75 (2): 141-147.
IF:0.24
79. Kaur, H. and Semahagn, B.K. (2010). Meiosis in three predator species of the family Pentatomidae (Insecta: Heteroptera). **Comparative Cytogenetics (Russia)** 4 (2): 133-139. **IF:1.21**

80. Kaur, H., Jasuja, S and Bhatia, A. (2010). Metal concentration in tissues of *Labeo rohita* (Ham.) caught from river Satluj (Punjab: India). **Journal of Haematology and Ecotoxicology**, 5(2): 9-19.
81. Kaur, H. and Singh, D. (2010). Cytological and morphotaxonomic studies on terrestrial Heteropteran fauna (Insecta: Hemiptera: Heteroptera) of Punjab, India. Final Project Report. DST, New Delhi. pp.152
82. Walia, G.K., Kaur, H. and Kaur, J. (2010). Cytogenetical studies on five species of the family Libellulidae (Anisoptera: Odonata). **Hislopia**, 3(2): 111-119.
83. Kaur, R., Singh, D., Kaur, H. and Gupta, R. (2010). Family Lygaeidae (Schilling, 1829)(Hemiptera:Heteroptera) of North India: A survey report. **Journal Punjab Academy of Sciences** 6-7 (1&2): 49-51.
84. Gupta, R., Singh, D., Kaur, H. and Kaur, R. (2010). Pentatomidae (Hemiptera:Heteroptera) fauna from Northern India: An exhaustive survey. **Journal Punjab Academy of Sciences** 6-7 (1&2): 65-69.

2011

85. Walia, G. K., Kaur, H. and Kaur, J. (2011). Karyotypic variations in the chromosome complement of *Pantala flavescens* Fabr. of the family Libellulidae (Anisoptera: Odonata). **Cytologia (Japan)**, 76 (3): 301-307.
86. Kaur, H., Jasuja, S. and Bhatia, A. (2011). Assessment of metal pollution in surface water of the river Satluj in Punjab, India. **Indian Journal of Environmental Sciences**, 15(2): 135-138.
87. Sajeev, K., Kaur, H. and Dhillon, S.S. (2011). Annelid and molluscan fauna of Ropar Headworks Reservoir, Ropar (Punjab). **National Journal of Life Sciences**, 8(2):143-144.

2012

88. Kaur, H. and Bansal, N. (2012). First cytogenetic report on seven species of Coreidae (Heteroptera) with a bibliographic review of chromosomal data. **Journal of Biological Research, Thessaloniki (Greece)**, 18: 235 – 248. **IF: 0.71**
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