

CURRICULUM VITAE

DR. GURINDER KAUR WALIA
PROFESSOR AND HEAD

Zoology & Environmental Sciences
Punjabi University, Patiala-147002, Punjab, India.
Specialization: Molecular Cytogenetics & Toxicology
09815788644
gurinderkaur_walia@yahoo.co.in
Orcid Id: 0000-0003-1130-3261



ACADEMIC QUALIFICATIONS

Sr. no.	Degree Held	Year	Board/Univ./ Inst.	% of marks	Div./ Rank	Subjects Taken
1	B. Sc.	1987	Punjabi University Patiala	75.88	First	Botany, Zoology, Chemistry
2	M. Sc.	1989	Punjabi University Patiala	71.66	First	Zoology
3	Ph. D.	1997	Punjabi University Patiala			Life Sciences (Zoology)
4	J.P.T.	1990	Punjab University Chandigarh			Biology

MEMBERSHIP OF PROFESSIONAL BODIES/ORGANISATIONS

- Life member of Societas Internationalis Odonatologica regional Office in South Asia.
- Life Member of Punjab Academy of Life Sciences.
- Life member of Association of Entomologists.
- Member of Editorial Board of Zoological Sciences Journal.

MEDALS/AWARDS/HONOURS/RECEIVED

- Award for continuous Research Contributions in the field of Odonatology by South Asian Council of Odonatology(SACO), Nagpur in 1998.
- Honored as “Outstanding Odonatologists of India” South Asian Council of Odonatology (SACO), Nagpur, 2014.

- Fellow of South Asian Council of Odonatology (FSACO).
- Associate Editor of "*Fraseria*" journal, South Asian Bulletin of Odonatology (2008 onwards).

EXPERIENCE

FELLOWSHIPS					
S. No.	Type of fellowship	Name of funding agency	Period	Salary (Rs.) Per month	Nature of duties
1	J.R.F. in Project (No. F 3-126 /90 (SR-II)	UGC, Delhi	1990-1991	1200/-	Research / Teaching
2	S.R.F. (No. 9/140 (71) 91-EMR-I	CSIR, New Delhi	1992-1995	2800/-	Research / Teaching
3	R.A. (No. 9/140 (102) 96-EMR-I	CSIR, New Delhi	1996-2001	8000/-	Research / Teaching
4	S.R.A. (No. 13 (7670) 2001-Pool	CSIR, New Delhi	2001-2004	8000+DA+HRA	Research / Teaching
5	Research Scientist (No. SR/WOS-A/LS-122/2003	DST, New Delhi	2004 -2006	20000/-	Research / Teaching

TEACHING EXPERIENCE				
S. No.	Name of the Inst./Employer	Position Held	Duration	Responsibilities and Nature of Experience
1.	Punjabi University, Patiala	Assistant Professor	03.10.06 – 03.10.2018	Teaching of M. Sc. (Zoology) & M. Sc. (EVS) Classes and research guidance to M.Phil. & Ph.D. Students.
2.	Punjabi University, Patiala	Associate Professor	04.10.2018-03.10.2021	Teaching of M. Sc. (Zoology) & M. Sc. (EVS) Classes and research guidance to M.Phil. & Ph.D. Students.

3.	Punjabi University, Patiala	Professor	04.10.2021-continuing	Teaching of M. Sc. (Zoology) & M. Sc. (EVS) Classes and research guidance to M.Phil. & Ph.D. Students.
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PH.D. STUDENTS GUIDED/UNDER GUIDANCE: 18

1.	Diana Handa	Fish Toxicology	Completed (2016)
2.	Rohit Kalotra	Fish Toxicology	Completed (2016)
3.	Jaspreet Kaur	Odonata Cytogenetics	Completed (2017)
4.	Harkiran Kaur	Odonata Cytogenetics	Completed (2018)
5.	Sarabjit Singh	Odonata Cytogenetics	Completed (2020)
6.	Monika Devi	Odonata Cytogenetics & Molecular studies	Completed (2021)
7.	Neha	Odonata Cytogenetics & Molecular studies	Completed (2021)
8.	Dalveer Singh	Odonata Cytogenetics & Molecular studies	Completed (2022)
9.	Gagandeep Kaur	Odonata Molecular studies	Completed (2023)
10.	Hardeep Singh	Odonata Cytogenetics & Molecular studies	Submitted (2024)
11.	Navdeep Singh	Odonata Molecular studies	Registered
12.	Asha	Lepidoptera Molecular studies	Registered
13.	Diksha Chopra	Lepidoptera Molecular studies	Registered
14.	Jyoti	Lepidoptera Molecular studies	Registered
15.	Neeraj	Lepidoptera Molecular studies	Registered
16.	Amanpreet Kaur	Lepidoptera Molecular studies	Registered
17.	Manmeet Kaur	Lepidoptera Molecular studies	Enrolled
18.	Lipsa	Molecular studies	Enrolled

M.PHIL./M.TECH STUDENTS GUIDED: 7

1.	Diana Handa	Fish Toxicology	Completed (2012)
2.	Sarabjit Singh	Odonata Cytogenetics	Completed (2013)
3.	Jaspreet Kaur	Odonata Cytogenetics	Completed (2014)
4.	Hilal Ahmad Lone	Odonata Cytogenetics	Completed (2015)

5.	Neha	Odonata Cytogenetics	Completed (2016)
6.	Gagandeep Kaur	Odonata Molecular studies	Completed (2018)
7.	Neeraj	Odonata Molecular studies	Completed (2022)

M.SC. (ENVIRONMENTAL SCIENCES) STUDENTS GUIDED: 9

1.	Dalveer Kaur	Effect of Pesticides	Completed (2019)
2.	Jobanpreet Singh	Green Revolution	Completed (2020)
3.	Kanu Priya Kalia	Biomedical Waste Management	Completed (2021)
4.	Richa Sharma	Covid -19 pandemic	Completed (2022)
5.	Baneet Sidhu	Genetically Modified Crops	Completed (2022)
6.	Parul	Effect of Smog in Delhi	Completed (2023)
7.	Dejan Araya	Climate change awareness among Univ. Students	Completed (2023)
8.	Priyanka	A review on epidemiology of Cancer	Completed (2024)
9.	Poonam Devi	Impact of Anthropogenic activities on Env. In three districts of HP	Completed (2024)

PUBLISHED WORK

Research Papers: 85 (National = 67; International = 18)

Conference/Seminar Presentation: 51 (Presented = 42; Contributed: 9)

Books Edited: Two chapters in the book *Ecobiology of Aquatic Insect* edited by Dr. Arvind Kumar and Dr. H. Kaur, Daya Publishers, New Delhi.

R & D PROJECTS

- CSIR Project entitled “Cytotaxonomic Studies on.....Distribution and conservation” (2001-2004).
- DST Project entitled “Linear differentiation studies on odonates of Punjab” (2004-2007).

- UGC Start up Project “Cytogenetical studies on some species of family Libellulidae” (2013 -2015).
- CSIR Project entitled “DNA barcoding of dragonflies and damselflies (Odonata: Insecta) based on mitochondrial COI gene” (2018 -2023).

INVITED TALKS/ARTICLES:

- Invited talk on the topic “Health Hazards of Biomedical Wastes and its Management” at Akal Degree College Mastuana on 09.03.2016.
- Invited talk on the topic “Pedigree Analysis of Genetic Disorders” at PAU Ludhiana on 03.03.2022.
- Invited talk on the topic “Genetic Disorders and Pedigree Analysis” at HRDC, Punjabi University, Patiala on 22.07.2022.
- Invited talk on the topic “Pedigree Analysis of Genetic diseases and Their Counseling” at HRDC, Guru Nanak Dev University, Amritsar on 17.11.2022.
- Invited talk on the topic “Sex Chromosomes Abnormalities and Genetic Analysis” at HRDC, Punjabi University, Patiala on 05.09.2023.
- Invited talk on the topic “Cancer: The Accumulation of mistakes inside cells” at MMTTC, Punjabi University, Patiala on 24.06.2023.

PAPERS PUBLISHED

1. **Walia, G. K.**, Chopra, D. and Sharma, R. (2024). Evaluating public health awareness and hygienic interventions amidst the covid-19 outbreak: insights from three districts in Himachal Pradesh, India. *International Journal of Research in Medical Sciences*, **12**(8):2929-2937.
2. Chahal, S. S., **Walia, G. K.**, and Singh, N. (2024). Chromosome characterization of three species of genus *Ictinogomphus* of family Gomphidae (Odonata: Anisoptera). Accepted in *CIBTech Journal of Zoology*, **13**: 78-84.
3. **Walia, G. K.** and Dhillon, G. K. (2024). DNA barcoding and molecular phylogeny of genus *Pseudagrion* (Odonata: Coenagrionidae) based on mitochondrial genes. *International Journal of Tropical Insect Science*. <https://doi.org/10.1007/s42690-024-01256-y> **Impact factor = 1.51**
4. Chopra, D. and **Walia, G. K.** (2023). From discovery to treatment: a review of hiv research and interventions. *International Journal of Basic and Applied Medical Sciences*, **13**: 45-58.
5. **Walia, G. K.** and Dhillon, G. K. (2023). Phylogenetic analysis based on morphological features and mitochondrial genes (COI, ND1 and 16S rRNA genes) of

- genus **Aciagrion** Selys (Odonata: Coenagrionidae): new record of **Aciagrion migratum** from India. *Journal of Natural History*. **37-40**:1610-1628. <https://doi.org/10.1080/00222933.2023.2259551> **Impact factor = 1.02**
6. **Walia, G. K.**, Chahal, S. S. and Singh, N. (2023). Chromosomal characterization on three dragonflies' species (Odonata: Anisoptera: Gomphidae). *Proceedings of Zoological Society*. <https://doi.org/10.1007/s12595-023-00468-3> **Impact factor = 0.68**
 7. Katnoria, N. and **Walia, G. K.** (2022). Karyotypic studies on seven Chlorocyphid species based on C-bands, AgNOR's and AT-GC regions with review of the hitherto cytologically examined data of family Chlorocyphidae (Odonata: Zygoptera). *International journal of Zoological Investigations*. **8** (2): 944-956.
 8. Somal D. S. and **Walia, G. K.** (2022). Cytological study of family Aeshnidae (Odonata: Anisoptera) from India: A review. *Biosciences Biotechnology Research Asia*. **19**(4): 843-855. <https://bit.ly/3jbcVBr>.
 9. Hallan, H. K., **Walia, G. K.** and Dhillon, G. K. (2022). A review on cytogenetically studied species of family Coenagrionidae (Odonata: Zygoptera). *Biosciences Biotechnology Research Asia*. **19**(4): 827-842. <https://bit.ly/3uFw1IK>.
 10. **Walia, G. K.** and Neeraj (2022). Phylogenetic analysis of genus *Coeliccia* (Odonata: Zygoptera: Platynemididae) using mitochondrial 16S rRNA gene. *Indian Journal of Applied and Pure Biology*, **22**(3): 717-724.
 11. **Walia, G. K.** and Singh, H. (2022). A review on intraspecific karyomorphological variations of m chromosomes in family Libellilidae (Anisoptera: Odonata). *The Journal of Basic and Applied Zoology*, **83**: 47. <https://doi.org/10.1186/s41936-022-00310-w>. Impact factor = 2.3
 12. **Walia, G. K.**, Katnoria, N. and Devi, M. (2022). Cytogenetic analysis of two species of genus *Protosticta* from Himachal Pradesh, India. *Indian Journal of Experimental Biology*, **60**:367-369.
 13. Devi, M. and **Walia, G. K.** (2022). DNA barcoding based on COI gene on some species of family Platynemididae (Odonata: Zygoptera) from India. *International Journal of Multidisciplinary and Current Research*, **10**:19-28. **Impact factor = 0.944**
 - 14 **Walia, G. K.** and Kaur, D. (2022). A study on pesticides consumption patterns and farmers perception towards health hazards in Bathinda (Punjab). *International journal of Zoological Investigations*, **8**(1): 62-79.

- 15 Katnoria, N. and **Walia, G. K.** (2021). A cytological study of Euphaeid damselflies (Odonata: Zygoptera) from India. *Chromosome Science*, **24**: 55-61.
- 16 Somal D. S. and **Walia, G. K.** (2021). Cytological review and first cytogenetic report on three species of family Macromiidae (Odonata: Anisoptera) from India. *International journal of Zoological Investigations*, **7** (2): 447-452.
- 17 **Walia, G. K.** and Katnoria, N. (2021). Chromosome characterization of four Calopterygid damselflies with cytogenetic review of family Calopterygidae (Odonata: Zygoptera). *Journal of Advanced Zoology*, **42**(1): 107-117.
- 18 **Walia, G. K.**, Chahal, S. S. and Singh, N. (2021). Cytogenetic studies on three species of genus *Burmagomphus* of family Gomphidae (Odonata: Anisoptera) from India. *International journal of Zoological Investigations*, **7**(1): 272-277.
- 19 **Walia, G. K.** and Singh, H. (2021). First cytogenetic report of four species of family Libellulidae (Odonata: Anisoptera) from India. Accepted in *International Journal of Entomology Research*, **6**(2): 223-227.
- 20 Sidhu, A K., **Walia, G. K.** and Mahil, J. (2021). Diversity of winter-flying butterflies in Shiwaliks of Hamirpur district (Himachal Pradesh). Accepted in *International Journal of Entomology Research*, **6**(2): 99-103.
- 21 **Walia, G. K.** and Devi, M. (2021). Cytogenetic characterization of five species of genus *Coelliccia* of family Platycnemididae (Odonata: Zygoptera) using C-banding, silver nitrate staining and sequence specific staining. *The Nucleus*, **64**: 55-60. <https://doi.org/10.1007/s13237-020-00314-3>. **Impact factor = 1.80**
- 22 **Walia, G. K.** and Chahal, S. S. (2020). Linear differentiation of chromosomes of *anisogomphus bivittatus selys, 1854* from India (odonata: anisoptera: gomphidae). *International Journal of Entomology Research*, **2**(5): 120-122. **Impact factor = 0.19**
- 23 **Walia, G. K.** and Devi, M. (2020). Cytogenetic data of family Disparonurinae (Odonata: Zygoptera: Platycnemididae) based on distribution of C-heterochromatin, AgNOR's and AT-GC regions. *International Journal of Entomology Research*, **2**(5): 70-73.
- 24 **Walia, G. K.** and Somal D. S. (2020). Cytogenetic report on *Gynacantha subinterrupta* Rambur, 1842 of family Aeshnidae (Odonata: Anisoptera) from Himachal Pradesh, India. *Journal of Advanced Zoology*, **40**(2): 128-135. **Impact factor = 0.19**

- 25 Handa, D. and **Walia, G. K.** (2019). Quantitative and semi- quantitative analysis on gills of a freshwater fish, *Labeo rohita* (Hamilton-Buchanan, 1822) exposed to tannery industrial effluent using histopathology as biomarker. *International Journal of Research and Analytical Review*, **6**(1): 980-989.
- 26 **Walia, G. K.** and Dhillon, G. K. (2019). Mitochondrial COI gene barcoding of four species of genus *Ischnura* (Odonata: Coenagrionidae) from India. *Journal of Advanced Zoology*, **40**(1): 69-77. **Impact factor = 0.19**
- 27 **Walia, G. K.** and Chahal, S. S. (2019). Cytogenetic report on *Cordulegaster brevistigma* and *Watanabeopetalia atkinsoni* (Odonata: Cordulegasteridae, Chlorogomphidae), with brief review of size of X element in the allied families Cordulegasteridae, Corduliidae and Macromiidae. *Odonatologica*, **48**(1/2): 101-113. **Impact factor = .64**
- 28 **Walia, G. K.** and Katnoria, N. (2018). Morphological variation in the chromosome complement of *Neurobasis chinensis chinensis* of family Calopterygidae (Odonata: Zygoptera). *International journal of Life Sciences Research*, **6**(4): 260-266.
- 29 **Walia, G. K.**, Katnoria, N. and Gill, J. K. (2018). Variation in chromosome complement and linear characterization of chromosomes in *Libellago lineata lineata* of family Chlorocyphidae (Odonata: Zygoptera). *Indian journal of Entomology* **80**(3): 737-740.
- 30 **Walia, G. K.**, Chahal, S. S. and Somal D. S. (2018). Chromosome observations based on C-banding, Ag-NOR and sequence specific staining in two *Anax* species from India (Odonata: Aeshnidae). *Odonatologica*, **47**(1/2): 145-160. **Impact factor = .769**
- 31 **Walia, G. K.** and Chahal, S. S. (2018). Cytogenetic characterization of *Macromia moorei* Selys, 1874 of family Macromiidae (Odonata: Anisoptera) from India by C-banding, silver nitrate staining and sequence specific staining. *International journal of Life Sciences Research*, **6**(2): 64-68.
- 32 **Walia, G. K.** and Devi, M. (2018). Distribution of constitutive heterochromatin in four species of genus *Copera* of family Platycnemididae (Odonata: Zygoptera) from India. *International journal of Life Sciences*, **6**(2): 457-461.
- 33 **Walia, G. K.** and Katnoria, N. (2017). Linear characterization of chromosomes in two species of family Euphaeidae (Odonata: Zygoptera). *International journal of Entomology Research*, **2**(4):75-78.

- 34 **Walia, G. K.** and Hallan, H. K. (2016). Cytogenetic report on ten coenagrionid species (Coenagrionidae: Zygoptera: Odonata) from Harike Wetland, Punjab, India. *Hislopia journal*, **9**(1/2):13-19.
- 35 **Walia, G. K.**, Gill, J. K. and Hallan, H. K. (2016). C-Banding and AGNOR Staining on *Neurobasis chinensis chinensis* (Linnaeus) of Family Calopterygidae from Himachal Pradesh, India (Odonata: Zygoptera). *Cytologia*, **81**(2):175-178. **Impact factor = 1.027**
- 36 **Walia, G. K.**, Chahal, S. S. and Babu, R. (2016). Cytogenetic report on *Gynacanthaeschna sikkima* from India (Odonata: Aeshnidae). *Odonatologica*, **45**(1/2):87-94. **Impact factor = .64**
- 37 **Walia, G. K.** and Kalotra, R. (2016). Morphological changes and genotoxicity in *Cirrhinus mrigala* exposed to dyeing industry effluent. *Global Journal for Research Analysis*, **5**(2): 60-62.
- 38 **Walia, G. K.** and Handa, D. (2016). Induction of chromosomal aberrations and altered behavioural responses in *Labeo rohita* exposed to tannery industry effluent. *International Journal of Scientific Research*, **5** (2): 32-35.
- 39 **Walia, G.K.** (2015). Unique Odonata and fresh water ecosystem. *Biojournal*, **10** (1): 13-19.
- 40 **Walia, G.K.**, Handa, D., Kaur, H. and Kalotra, R. (2015). Ecotoxicological studies on fish, *Labeo rohita* exposed to tannery industry effluent by using micronucleus test. *The Nucleus*, **58**(2):111-116. **Impact factor = 1.80**
- 41 **Walia, G.K.**, Kaur, H. and Kaur, J. (2015). Karyomorphological variations in the chromosome complement of *Orthetrum taeniolatum* of family Libellulidae (Odonata: Anisoptera). *Cytologia*, **80**(1): 95-99. **Impact factor = 1.027**
- 42 **Walia, G. K.** and Hallan, H. K. (2014). Localization of Nucleolar Organizer Regions in four species of family Coenagrionidae (Zygoptera: Odonata). *Hislopia journal*, **7**(2): 1-6.
- 43 **Walia, G. K.** and Chahal, S. S. (2014). Distribution of Constitutive heterochromatin and Nucleolar Organizer Regions in two species of family Gomphidae (Odonata : Anisoptera). *The Nucleus*, **57**(3): 223-227. **Impact factor = 1.80**

- 44 Kaur, H., Kalotra, R., **Walia, G.K.** and Handa, D. (2013a). Genotoxic effects of dyeing industry effluent on a freshwater fish, *Cirrhinus mrigala* by chromosomal aberration test. *International Journal of Pharmacy and Biological Sciences*, **3**(1): 423-431. **Impact factor .555**
- 45 Kaur, H., Kalotra, R., **Walia, G.K.** and Handa, D. (2013b). Dyeing industry effluent induced behavioral and morphological changes in the fish *Cirrhinus mrigala*. *International Journal of Zoology and Research (IJZR)*, **3**(3): 13-20.
- 46 Kaur, H., Kalotra, R., **Walia, G.K.** and Handa, D. (2013c). Studies on induction of erythrocyte abnormalities in *Cirrhinus mrigala* exposed to dyeing industry effluent. *International Journal of Pharma and Bio Sciences*, **4**(4): 414-420. **Impact factor = .47**
- 47 Kaur, H., Kalotra, R., **Walia, G.K.** and Handa, D. (2013d). Genotoxicity in a freshwater fish, *Cirrhinus mrigala* exposed to dyeing industry effluent by using micronucleus test. *International Journal of Recent Scientific Research (IJRSR)*, **4**(8): 1210-1213.
- 48 **Walia, G.K.**, Handa, D., Kaur, H. and Kalotra, R. (2013a). Erythrocyte abnormalities in a freshwater fish *Labeo rohita* exposed to tannery industry effluent. *International Journal of Pharmacy and Biological Sciences*, **3**(1): 287-295. **Impact factor = .555**
- 49 **Walia, G.K.**, Handa, D., Kaur, H. and Kalotra, R. (2013b). Behavioral and morphological changes in a freshwater fish, *Labeo rohita* exposed to tannery industry effluent. *International Journal of Scientific Research*, **2**(8): 514-516.
- 50 **Walia, G.K.**, Handa, D., Kaur, H. and Kalotra, R. (2013c). Evaluation of genotoxic potential of tannery industry effluent in a freshwater fish, *Labeo rohita* via chromosomal aberration test. *Indian Journal of Applied Research*, **3**(12): 557-559.
- 51 **Walia, G.K.** (2012). Chromosomal studies on two species of family Platycnemididae (Odonata: Zygoptera). *Hislopia journal*, **5**(1): 55-58.
- 52 **Walia, G.K.** and Kaur, J. (2011) Karyological study on ten odonate species from Mangalore (Karnataka), India. *Hislopia journal*, **4** (1): 83-88.
- 53 **Walia, G.K.**, Kaur, H. and Kaur, J. (2011) Karyotypic variations in the chromosome complement of *Pantala flavescens* (Fabricius) of the family Libellulidae (Anisoptera: Odonata). *Cytologia*, **76**(3): 301-307. **Impact factor = 1.027.**

- 54 **Walia, G.K.**, Kaur, H. and Kaur, J. (2010). Cytogenetical studies on five species of the family Libellulidae (Anisoptera:Odonata). *Hislopia journal*, **3**(2): 149-157.
- 55 **Walia, G.K.** (2009). The impact of industrial effluent on moulting and emergence in the damselfly *Ceriagrion coromandelianum* (Fabricius) (Odonata: Zygoptera: Coenagrionidae). *National journal of Life Sciences*, **6**(1): 99-102.
- 56 **Walia, G.K.** (2008a). The effect of pollutants on the genotype of five species of family Coenagrionidae (Zygoptera: Odonata). “*Insect and Aquatic Environment*” edited by Dr. Arvind Kumar and Dr. H. Kaur, Daya Publishers, New Delhi pp.133-136.
- 57 **Walia, G.K.** (2008b). Main Cytogenetic Characters in the order Odonata. “*Insect and Aquatic Environment*” edited by Dr. Arvind Kumar and Dr. H. Kaur, Daya Publishers, New Delhi pp.137-162.
- 58 **Walia, G.K.** (2008c). Comparative cytological data on twenty-six species of Libellulidae (Anisoptera: Odonata). *Fraseria*, **8**: 77-82.
- 59 Lahiri, A.R., Sandhu, R. and **Walia, G.K.** (2007). *Gynacantha pallampurica* sp. Nov. from Northern Himachal Pradesh, India (Odonata: Aeshnidae). *Rec. Zool. Surv. India*, **107** (Part-3):45-49.
- 60 **Walia, G.K.** (2007a). Cytomorphological studies on *Gynacantha milliardi* Fraser of the family Aeshnidae (Anisoptera: Odonata). *Cytologia*, **72**(1): 57-62. **Impact factor = 1.027.**
- 61 **Walia, G.K.** (2007b). Chromosome variation in three libellulid species due to effect of pollutants in the aquatic ecosystem. *Journal, Punjab Academy Sciences*, **4**(1&2) 73-74.
- 62 **Walia, G.K.**, Sandhu, R. and Goyal., S. (2006). Cytogenetical analysis of *Nepogomphus modestus* from Palampur area of Himachal Pradesh, India (Gomphidae:Anisoptera). *Chromosome Science*, **9**: 99-100.
- 63 **Walia, G.K.** (2005). “Immunoglobulins” (In Punjabi). *Vigayan de Nakash*, **42**: 73-85.
- 64 **Walia, G.K.** and Sandhu, R. (2002a). Chromosomal data on seven species of genus *Orthetrum* (Libellulidae : Anisoptera : Odonata). *Bionature*, **22** (1): 7-12.
- 65 **Walia, G.K.** and Sandhu, R. (2002b). Comparative chromosome data on twenty three species of family Coenagrionidae (Zygoptera : Odonata). *Bionature*, **22** (2): 79-97.

- 66 **Walia, G.K.** and Sandhu, R. (2002c). Cytogenetical data on *Neurobasis chinensis chinensis* (Zygoptera : Calopterygidae). *Fraseria*, 7: 13-16.
- 67 **Walia, G.K.** and Sandhu, R. (2002d). Reduction in chromosome number of five libellulid species. *Fraseria*, 7: 17-20.
- 68 Sandhu, R. and **Walia, G.K.** (1999). Karyological studies of male and female *Pseudagrion rubriceps* (Zygoptera: Coenagrionidae). *Bionature*, 19: 1-5.
- 69 **Walia, G.K.** and Sandhu, R. (1999a). Karyological investigation on *Davidius zallorensis zallorensis* (Gomphidae : Anisoptera : Odonata). *Chromosome Science*, 3: 43-44.
- 70 **Walia, G.K.** and Sandhu, R. (1999b). Karyotypic study of two species of the family Aeschnidae (Anisoptera: Odonata). *Chromosome Science*, 3: 45-47.
- 71 **Walia, G.K.** and Sandhu, R. (1999c). Autosomal fragmentation in five species of the family Coenagrionidae. *Fraseria*, 6: 15-20.
- 72 **Walia, G.K.** and Lahiri A. R. (1998). On the status of female *Palpopleura sexmaculata* (Fabricius) (Anisoptera: Libellulidae) marked by preapical spot in hindwing. *Fraseria*, 5: 61-62.
- 73 **Walia, G.K.** and Sandhu, R. (1998a). "Genetic Counselling" (In Punjabi). Punjabi Vikas Conference, 148-154.
- 74 **Walia, G.K.** and Sandhu, R. (1998b). Female karyotypic study of four species of family Libellulidae (Anisoptera: Odonata). *Fraseria*, 5: 63-67.
- 75 Sandhu, R. and **Walia, G.K.** (1997). Chromosome analysis of *Ischnura inarmata* (Coenagrionidae: Zygoptera: Odonata). *Chromosome Science*, 1: 115-116.
- 76 **Walia, G.K.** and Sandhu, R. (1997). Karyotypic studies on five species of *Ischnura* (Zygoptera: Coenagrionidae). *Fraseria*, 4: 9-12.
- 77 Sandhu, R. and **Walia, G.K.** (1996a). Karyological studies of the genus *Rhinocypha* (Zygoptera: Chlorocyphidae). *Fraseria*, 3: 15-19.

- 78** Sandhu, R. and **Walia, G.K.** (1996b). Cytogenetic data on genus *Pseudoagrion* (Zygoptera: Coenagrionidae). *Fraseria*, 3: 21-25.
- 79** Sandhu, R. and **Walia, G.K.** (1995a). Male germ cell chromosomes in *Elattonneura atkinsoni* (SEL) from Assam, India (Zygoptera: Protoneuridae). *Notul. odonatol.*, 4 (5): 91-92.
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- 80** Sandhu, R. and **Walia, G.K.** (1995b). A note on the karyotype of *Potamarcha conger* (Anisoptera: Libellulidae). *Chrom. Inform. Serv.*, 58: 24-25.
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