

BIODATA OF PROFESSOR ANOOP K. DOBRIYAL

(Dean, School of Life Science and Coordinator New Education Policy

HNB Garhwal Central University Srinagar Garhwal)



1. **Name:** Dr. Anoop Kumar Dobriyal
2. **Date of Birth:** 31st May, 1959
3. **Present Position:**
 - (i) **Dean, School of Life Science, H.N.B. Garhwal University (A Central University) Srinagar Garhwal-246174, Uttarakhand, India**
 - (ii) **Professor of Zoology (Professor since 9th June 2001) H N B Garhwal University (BGR Campus)**
 - (iii) **Regional Director (Pauri Garhwal)-Additional Charge Uttarakhand Open University, Haldwani (2012 onwards)**
4. **Worked as:**
 - (i) **Professor, HOD and Convener BOS Department of Zoology and Biotechnology H.N.B.Garhwal University (A Central University) Srinagar Garhwal-246174, Uttarakhand, India**
 - (ii) **Director, HNB Garhwal University BGR Campus Pauri Garhwal (2015 -2018)**
5. **Address for correspondence:**
Prof. Anoop Dobriyal, Chandola Bhavan, Thana Mohalla, Pauri Garhwal- 246001.
(Mobile-9412960687; Phone@: 1368222925), e-mail anoopkdobriyal@rediffmail.com
6. **Academic Qualification:**
M.Sc. (Zoology- Specialization in Ichthyology) -1979 (**Gold Medalist**),
HNB.Garhwal University, Srinagar Garhwal
Doctor of Philosophy (Fish Biology and Aquatic Biodiversity)- 1985
7. **Teaching Experience:** 37 Years
8. **Research Experience:** 41 Years.
9. **Student awarded D. Phil. Degree under supervision** 25
 - (i) **Dr. Anil Kumar Bahuguna (1991):**
 - (ii) **Dr. Neeraj Kumar (1992):**
 - (iii) **Dr. Chandra Bhanu Kotnala (1992) :**
 - (iv) **Dr. Kuldeep Singh Negi (1999):**
 - (v) **Dr. Kum Kum Rautela (1999):**
 - (vi) **Dr. Vinteshwar Prasad Balodi (2001):**

- (vii) Dr. Anju Thapliyal (2003):
- (viii) Dr S.P.Uniyal (2004).
- (ix) Dr. Ravindra Singh (2005):
- (x) Dr. Pramila Bahuguna (2006):
- (xi) Dr Kishor Kumar (2006):
- (xii) Dr. Manish Kukrety (2006):
- (xiii) Dr. Pankaj Bahuguna (2008)
- (xiv) Dr. Sandhya Goswami (2009)
- (xv) Dr.Vikas Sharma (2011)-
- (xvi) Dr.Nidhi Srivastava (2011)-
- (xvii) Dr. Maryada Goyal (2011)-
- (xviii) Dr. Deepesh Bhatt (2012)
- (xix) Dr. Ram Krishan (2012).
- (xx) Dr. Rattan Deep Singh (2012)
- (xxi) Dr. Shashi Yadav (2016).
- (xxii) Dr.Mohd. Rashid. (2020).
- (xxiii) Dr. Mohd Sagir (2020)
- (xxiv) (xxiv). Deeksha Mamgain (2022).
- (xxv) (xxv) Shailja Negi (2023)

10. Inventions:

- (i) **Dobriyal Index** for determination of sexual maturity in Fishes: *Dobriyal, A.K., Rautela, K.K., and Rautela, A.S. Uttar Pradesh Journal of Zoology, 19:207-209.* (AVAILABLE ON INTERNET- DICTIONARY OF ICHTHYOLOGY) - Researchers are using this index round the world.
- (ii) Dobriyal-Bahuguna Drifting Index for aquatic mites (2020):
DOI:<https://doi.org/10.51220/jmr.v15i1.7>

11 Publications:

- | | | |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| (A) | Research Paper published: | 200 |
| (B) | Books (Edited; Co-author): | 04 |
| | (i) Biological Diversity in Freshwater Environment (2005, Co-Editor): Transmedia, Media House, Srinagar Garhwal. P. 332 | |
| | (ii) Uttaranchal main Matsyiki ki bhavi sambhavnayen: Proceedings of National Seminar in Hindi (2005, Co-Editor): CIFE, Mumbai. P. 222 | |
| | (iii) Advances in Animal Sciences (M. Phil. Course Book for Chaudhary Devi Lal University, Hariyana)- 2007-(Kumar and Dobriyal) | |
| | (iv) Biology of ornamental fish <i>Puntius conchoni</i> (Ham. Buch.). (Pankaj Bahuguna and A K Dobriyal, 2018, NPH Delhi) pp 226 (ISBN: 978-93-87590-46-5). In Press | |
| | (v) | |

12 Awards/Honors/Fellowships

- (i) (FAEB)-Fellow of Academy of environmental Biology- 1981-82
- (ii) Young Scientist Award- Asian Fishery Society, Indian Branch – 1987
- (iii) (FZSI)-Fellow of zoological Society of India- 1989
- (iv) Group Study Exchange (Cultural Exchange) Award-Pennsylvania and Maryland, USA- Rotary Foundation. 1993
- (v) (FSB)-Fellow of Society of Biosciences – 1995
- (vi) Scientist of the year Award- 2002 by NATIONAL ENVIRONMENTAL SCIENCE ACADEMY, NEW DELHI.
- (vii) (FIFSI)- Fellow of Inland Fisheries Society of India- 2005

- (viii) (FIAES)- Fellow of Indian Academy of Environmental Sciences- 2005
- (ix) ASEA Fisheries Award- 2006
- (x) (FASEA)- Fellow of Action for Sustainable, Efficacious Development and Awareness, India.2006
- (xi) RASHTRIYA SHIKSHA SAMMAN AWARD- 2009 by Council for Economic Growth and Research, New Delhi
- (xii) PAUL HARRIS FELLOW OF ROTARY FOUNDATION (2010)
- (xiii) FANSF (Fellow of Applied and Natural Science Foundation)- 2011
- (xiv) Silver Jubilee Gold Medal of Indian Academy of Environmental Sciences, Hardwar (2012)
- (xv) FNSC (Fellow of Natural Science and Culture (2012)
- (xvi) Certificate awarded from Pulse polio India Office, Delhi.(Twice).
- (xvii) 7th Academic Brilliance award for Excellence in Research by EET CRS Education expo TV NOIDA, (2019)

13. ADMINISTRATIVE/ACADEMIC AND OTHER EXPERIENCES.

1. Dean School of Life Science HNB Garhwal University since 1.1.2021
2. Convener New Education Policy-2020 of HNB Garhwal University
3. Convener. IPR and Ethical related matters HNB Garhwal University
4. Regional Director (Pauri Garhwal), Uttarakhand Open University, Haldwani (Working) Since January, 2012
5. HOD Zoology and Biotechnology and Convener of BOS of HNB Garhwal Central University (15.1 2015-14.1.2018)
6. Incharge Head of the Zoology Department of University campus responsible for administrative, academic and financial management of the department since 28.7.1986 (37 Years)
- 4 Deputy Dean, Students' Welfare (HNB Garhwal Central University)- 2011-2013
5. Assistant Dean Student's Welfare during 1999-2001, 2009-2011
6. Assistant Election Officer for student's union election during 1998-2001
7. Chief Election Officer (Students' Union- 2006-07 and 2008-09)
8. Assistant Proctor of the campus. 1987- 1989, 2002-03
9. Sports secretary of the campus responsible for all sports activities July 1989- July, 1990.
10. Cultural secretary responsible for student's cultural activities, July, 1987- July1990.
11. Chairman, Academic forum of science faculty.1987-1990.
12. Member Faculty Board. (Science) Dec.1993-1996., 2001 onwards
13. Member University Court.since 1986, i.e., 22 years
14. Member of building and boundary wall construction committee.1996-1997.
15. Member of Admission rules framing committee.1997-98.
16. Editor of campus bulletin "Himbharati" since 1988 to 2009
17. Editor University News Letter since 2003
18. Member of NAAC committee of HNB Garhwal University (Internal).
19. Member of BOS of HNB Garhwal University
20. Member of BOS and RDC of Allahabad University (2002-04)
21. Member of BOS and RDC of Kumaun University (2008-11, 2019 onwards)
22. Member of BOS and RDC of CSJM Kanpur University (2010-13)
23. Member of BOS of LMS Autonomous Govt PG College, Rishikesh (2010-11, 2016-19)
24. Member of BOS of SGRR University Dehradun (2016-18)

25. Member of BOS of SBS University Balawala (2018 onwards)
26. Member of BOS of Himalayan University Jolly Grant (2019 onwards)
27. Chief Editor of Journal of Mountain Research (0974-3030) indexed in Web of Science and Himalayan Journal of Social Sciences and Humanities (975-9891).
28. Professor In-charge Library of University Campus, Pauri (July, 2007- Dec., 2008)
29. Subject expert of Union Public Service Commission, New Delhi and P S C UP, Karnataka and Uttarakhand.
30. Teacher Counselor of Career Counseling and placement cell Pauri Campus (2006- Till Date)
31. Editor and referee of various journals from time to time
32. Assistant Supdt and Senior Supdt of Exam from time to time.
36. Convener, Anti Ragging Committee, HNB GU Campus, Pauri Garhwal- 2011-12, 12-13
37. Coordinator Uttarakhand Open University, Study Center, HNBGU Campus Pauri Garhwal- 25.5.2011- 14.2.2012
38. Member of Inspired Teachers' Network, HNB Garhwal University. (January, 2014 onwards)
39. Expert Member of BOS of Uttarakhand Open University (July,2019 onwards)

List of Publications of Prof. A.K.Dobriyal during last 7Years (2015-2022)

1. N. K. Sharma, J. I. Mir, A K Dobriyal and R Singh (2015). Length–weight relationships of two cyprinid fish species, *Crossocheilus latius* (Hamilton, 1822) and *Garra gotyla gotyla* (Gray, 1830) from the Ganga River Basin, India. *Journal of Applied Ichthyology*, 31 (6): 1161-62
2. Krishan, R and Dobriyal, A.K (2015). Observation on Length-Weight relationship and relative condition factor. *Int. J. of Sci. Technology & Management*. Vol.(4), Special Issue no.01, ISSN (Print) 2394-1529, (Online) 2394-1537. Pp234-242.(Impact Factor 2.012)
3. Vikas Sharma, Barkha Kamal, Nidhi Srivastava, Yogesh Negi, Anoop Kumar Dobriyal and Vikash Singh Jadon (2015). Enhancement of in-vitro growth of *Swertia chirayita* Roxb. Ex Fleming co-cultured with plant growth promoting rhizobacteria. *Plant Cell, Tissue and Organ culture*. 120 (1). DOI 10.1007/s11240-014-0696-9 Springer Publication (Impact Factor 2.6)
4. Vikas Sharma, Nidhi Belwal, Barkha Kamal, Anoop Kumar Dobriyal, Vikash Singh Jadon. (2016). Assessment of Genetic Fidelity of *in vitro* Raised Plants in *Swertia chirayita* through ISSR, RAPD analysis and Peroxidase Profiling during Organogenesis. *Braz. Arch. Biol. Technol.* vol.59 Curitiba 2016 Epub Nov 28, 2016, <http://dx.doi.org/10.1590/1678-4324-2016160389>
5. Bhatt, D., Bhatt, M.D., Dobriyal A K and Arora S. (2016). Effects of Exogenous Applications of H₂O₂ in *Elucine coracana* is correlated with increased activity of antioxidant enzymes in a time dependent manner. *International Journal of Advanced Technology in Engineering and Science*. Vol.4 (9): ISSN: 2348-7550. Pp. 180-188. (Impact factor: 2.87)
6. Singh, P.R., A.K. Dobriyal & H.R. Singh (2017). Study of age and growth of *Labeo calbasu* (Ham.) from the Ganga river system at Allahabad. *J. Mountain Res.*,12: 1-12. ISSN-0974-3030
7. Sagir, M and Dobriyal, A.K. (2017). Diversity of riparian vegetation in Western Nayar valley on selected experimental spots. *J. Mountain Res.*,12: 115-118 ISSN-0974-3030 SIF- 2.15, NAAS rating-2.26

8. Bahuguna, P and A K Dobriyal, A K (2018). First report on the occurrence of some benthic macroinvertebrates in the spring-fed streams of Garhwal Himalaya, India. *International Journal of Research and Analytical Research and Analytical Reviews (IJRAR)*.E-SSIN 2348-1269, P ISSN- 2349-5138 (IF. 5.75)
9. Sagir, M, Rashid M, Dobriyal A K (2018). Influence of riparian vegetation on the detritus standing stock in the river Western Nayar of Garhwal Himalaya. *International Journal of Research and Analytical Research and Analytical Reviews (IJRAR)* .E-SSIN 2348-1269, P ISSN- 2349-5138 (IF. 5.75) Vol 5 (4): 1051-1064.
10. Goswami, S and Dobriyal, A K (2018). Spatial distribution and diversity of fishes in different ecological sections of spring fed river Mandal from Uttarakhand, India. *International Journal of Recent Scientific Research*. 9 (12): 29958-29962
11. Thapliyal, A., Kunjwal, S. and Dobriyal, A.K. (2018). Maturation biology and spawning ethos of a hillstream catfish *Pseudecheneis sulcatus* (Mc Clelland) in a glacier fed stream Alaknanda, Garhwal Himalaya, Uttarakhand. *International Journal of Fisheries and Aquatic Sciences* 6 (4): 235-238. IF. 0.549
12. Rashid, M, Sagir, M. and Dobriyal, A. K. (2019). Analysis and interdependence of morphometric characters in the hillstream fish *Mastacembelus armatus* (Lacepede) from Garhwal Himalaya. *Journal of Applied and Natural Science* 11 (1): 107-115 (ISSN: 0974-9411 Print; 2231-5209 Online) – UGC List No: 4045
13. Rashid, M, Bahuguna, P. and Dobriyal, A. K. (2019). Analysis of length weight relationship and relative condition factor in the hillstream fish *Mastacembelus armatus* (Lacepede) from river Nayar, Garhwal, Uttarakhand. *International Journal of Recent Scientific Research*: 10 (1): pp. 30574-30580 (ISSN: 0976- 3031) UGC List No: 46629, DOI: 10.24327/IJRSR
14. Bisht, K L, Dobriyal, A.K. and Singh, H R (2019). A note on the ecosystem health of a glacier-fed stream Pinder from Chamoli Garhwal, Uttarakhand, *J. Mountai Res.* 14(2): 9-17
15. Bahuguna, P., Negi, S. and Dobriyal, A K. (2019). Density and diversity of aquatic mites in a spring-fed stream of Garhwal Himalaya. *J Mountain Res.* 14 (2): 57-61
16. Pesic, V., Smit, H., Negi, S., Bahuguna, P. and Dobriyal, A.K. (2020). Torrenticolid water mites of India with description of three new species (Acari: Hydrachnidia , Torrenticolidae). *Systematic and Applied Acarology* 25 (2): 255-267 (<https://doi.org/10.11158/saa.25.2.7>) ISSN:1362-1971 (P), 056-6069 (on line). IF:1.43
17. Sagir, M. and Dobriyal, A.K.. (2020). Structural and functional diversity of Periphyton community from the Western Nayar river of Garhwal Himalaya. *Uttar Pradesh Journal of Zoology*, 41 (1): 15-29 (UGC Care listed) (mbimph.com/index.php/upj0z/a)- ISSN - 0256-971X(P)
18. Tariq, M., Kotnala, C B and Dobriyal, A.K.. (2020). Dynamics and diversity of macrozoobenthos in the glacier-fed stream Balkhila at Siron in Chamoli Garhwal. *Uttar Pradesh Journal of Zoology*, 41 (8): 80-91 (UGC Care listed) (mbimph.com/index.php/upj0z/a)- ISSN -0256-971X(P)
19. Bhutani, N., Bhatt, M., Parmar, P., Jobanputra, J., Dobriyal, Anoop, K. and Bhatt, D. (2020). Nanoemulsion of plant based Bioactive compounds: Synthesis, Properties and Applications. In: Dhull, S.B., Chawla, P. and Kaushik, P. (Ed.): *Nanotechnological Approaches in Food Microbiology*. Chapter 8: CRC Press, **Taylor and Francis Group**. ISBN: 9780367359447
20. Patel, K V, Nath, M., Bhatt, M D, Dobriyal, A.K., Bhatt, D, (October, 2020): Nanofomulation of Zinc oxide and Chitosan zinc sustain oxidative stress and alter secondary metabolite profile in tobacco. *3 Biotech* 10, Article No 477 (<https://doi.org/10.1007/s13205-020-02469-x>) (Springer) Impact factor 2.26
21. Pankaj Bahuguna and Anoop Kumar Dobriyal (2020). Population Structure And Drifting Pattern Of Aquatic Mites In Randi Gad, A Tributary Of River Alaknanda In Garhwal Himalaya,

- Uttarakhand, India. *J. Mountain Res.* Vol 15: pp. 63-70
DOI:<https://doi.org/10.51220/jmr.v15i1.7>
22. Mohd Tariq, Chandra Bhanu Kotnala and Anoop Kumar Dobriyal (2020). Diversity And Population Structure Of Macroinvertebrates In The Glacier Fed Stream Balkhila At Tilfara From Garhwal Himalaya. *J. Mountain Res.* Vol 15: pp 81-89. <https://doi.org/10.51220/jmr.v15i1.9>
 23. Mohd Rashid and Anoop Kumar Dobriyal (2020). Fecundity Analysis Of A Freshwater Fish *Mastacembelus Armatus* (Lacepede) From River Nayar, Uttarakhand. *J. Mountain Res.* 15: 181-188. DOI: <https://doi.org/10.51220/jmr.v15i1.21>
 24. Maryada garg and Dobriyal A K (2021). A concise study on the expression of GFP protein in *E. coli* strain DH5 α . *J. Mountain Res.* 16 (3): 43-48. DOI: <https://doi.org/10.51220/jmr.v16i3.5>
 25. Monika Bansal, Ankush Sharma, Ram Krishan, Rajesh Kumar, A. K. Dobriyal (2021). Morphometric and Meristic Analysis of *Tor putitora* (Hamilton Buchanan) from Ujh River, Kathua (J&K). *J. Mountain Res.* 16 (3): 145-153. DOI: <https://doi.org/10.51220/jmr.v16i3.15>
 26. Tariq, M, Kotnala CB, Dobriyal AK and Sazia (2021): Distribution pattern and diversity of periphyton community in the glacier fed stream balkhila at Tilfara from garhwal Himalaya. *Uttar Pradesh Journal of Zoology* 42 (24): 879-889 (ISSN: 0256-971X) UGC care listed.
 27. Mamgain, D, Rayal, R, Dobriyal, A K and Bahuguna, P. (2022): Mathematical modeling of the food items in the gut and their availability in the environment for the hillstream fish *Barilius bendelisis* (Hamilton) based on Strauss selectivity index. *Uttar Pradesh Journal of Zoology* 43 (3): 57-63. (ISSN: 0256-971X) UGC care listed.
 28. Bahuguna, P. and Dobriyal, A.K. (2022). Study of drifting behavior of aquatic mites in the snow-fed river Alaknanda from Garhwal Himalaya: Density, Diversity and Diel Pattern. *J. Mountain Res.* 17(1): 159-166.

H Index 21

i10 Index 67

Most Cited papers (More than 20 times)

[Enhancement of in vitro growth of *Swertia chirayita* Roxb. Ex Fleming co-cultured with plant growth promoting rhizobacteria](#)

V Sharma, B Kamal, N Srivastava, Y Negi, AK Dobriyal, VS Jadon
Plant Cell, Tissue and Organ Culture (PCTOC), 1-11 (188)

[Responses to drought induced oxidative stress in five finger millet varieties differing in their geographical distribution](#)

D Bhatt, M Negi, P Sharma, SC Saxena, AK Dobriyal, S Arora
Physiology and Molecular Biology of Plants 17, 347-353 (83)

[Geographical distributional list of ichthyofauna of the Garhwal Himalaya with some new records](#)

HR Singh, SP Badola, AK Dobriyal
J. Bombay Nat. Hist. Soc 84 (1), 126-132 (65)

[Standardization of sterilization protocol for micropropagation of *Aconitum heterophyllum*-An endangered medicinal herb](#)

N Srivastava, B Kamal, V Sharma, YK Negi, AK Dobriyal, S Gupta, ...
Academic Arena 2 (6), 62-66 (60)

[Water quality of the River Ganga \[Garhwal Himalayas\]](#)

HR Singh, P Nautiyal, AK Dobriyal, RC Pokhriyal, M Negi, V Baduni, ...
Acta Hydrobiologica 1 (36), 3-15 (59)

[The reproductive biology of a hillstream minor carp *Barilius bendelisis* from Garhwal Himalaya, India.](#)

AK Dobriyal, HR Singh
VESTN. CESK. SPOL. ZOOL. 51 (1), 1-10 (48)

[Invention of a new index for the determination of sexual maturity in fishes](#)

AK DOBRIYAL, KUMKUM RAUTEA, AS Rautela
Uttar Pradesh Journal of Zoology, 207-209 (45)

[Advancement in research on Aconitum sp.\(Ranunculaceae\) under different area: a review.](#)

S Nidhi, S Vikas, K Barkha, AK Dobriyal, VS Jadon
Biotechnology 9 (4), 411-427 (41)

[Cloning, expression and functional validation of drought inducible ascorbate peroxidase \(Ec-apx1\) from Eleusine coracana](#)

D Bhatt, SC Saxena, S Jain, AK Dobriyal, M Majee, S Arora
Molecular Biology Reports 40, 1155-1165 (36)

[Conventional and nonconventional fishing techniques used by rural folk in Mandal Valley, Pauri Garhwal, Uttarakhand.](#)

B Pankaj, HK Joshi, AK Dobriyal
Uttar Pradesh Journal of Zoology 30 (2), 221-223 (31)

[Torrenicolid water mites of India with description of three new species \(Acari: Hydrachnidia, Torrenicolidae\)](#)

V Pešić, H Smit, S Negi, P Bahuguna, AK Dobriyal
Systematic and Applied Acarology 25 (2), 255-267 (29)

[Ecological basis for the ichthyofaunal variation in two hillstreams of Garhwal Himalaya](#)

AK Dobriyal, HR Singh
The First Indian Fisheries Forum Proceedings, Asian Fishery Society, Indian ... (29)

[Fecundity of a hillstream minor carp Puntius chinoides \(McClelland\) from Garhwal Himalaya](#)

HR Singh, BP Nauriyal, AK Dobriyal
Proceedings: Animal Sciences 91, 487-491 (27)

[Density and diversity of aquatic mites in a spring fed stream of Garhwal Himalaya, India](#)

P Bahuguna, S Negi, AK Dobriyal
J. Mountain. Res 14 (2), 57-61 (25)

[Ecology of the river Nayar of Garhwal Himalaya](#)

HR Singh, SP Badola, AK Dobriyal
Uttar Pradesh Journal of Zoology 2, 72-76 (25)

[Biology and Growth dynamics of hill stream cat fish Pseudecheneis sulcatus \(McClelland\) from Uttarakhand, India](#)

AK Dobriyal, A Thapliyal, HK Joshi, P Bahuguna, VP Balodi
Essence J 1 (2), 34-42 (24)

[ECOLOGY OF LIMNOFAUNA IN THE SMALL STREAMS AND THEIR IMPORTANCE TO THE VILLAGE LIFE IN GARHWAL HIMALAYA](#)

AK DOBRIYAL
Uttar Pradesh Journal of Zoology, 139-144 (24)

[Breeding ecology of some cold water minor carps from Garhwal Himalayas](#)

AK Dobriyal, N Kumar, AK Bahuguna, HR Singh
Coldwater fish and fisheries. New Delhi: Narendra Publishing House, 337 (24)

[Ecology of rhithrofauna in the torrential waters of Garhwal Himalaya, India: Fecundity and sex ratio of Glyptothorax pectinopterus \(Pisces\)](#)

AK Dobriyal, HR Singh
Vest. Cs. Spolec. Zool 53, 17-25 (23)

[Diurnal variation in some aspects of limnology of the river Mandakini from the Garhwal Himalaya](#)

AK Dobriyal, HR Singh
Uttar Pradesh Journal of Zoology, 16-18 (23)

[Fecundity and sex ratio in Puntius conchonioides \(pisces Cyprinidae\) from Garhwal Himalaya.](#)

PK Bahuguna, HK Joshi, AK Dobriyal
Environment Conservation Journal 8 (1-2), 37-43 (23)

[Biodiversity and monthly density fluctuations of water mites in Khankra gad, a spring-fed tributary of river Alaknanda, Pauri Garhwal in Uttarakhand, India](#)

- S Negi, AK Dobriyal, P Bahuguna
Journal of Applied and Natural Science 13 (1), 258-267 (22)
- [Biology of the ornamental fish *Puntius conchonius* \(Ham.-Buch.\)](#)
P Bahuguna, AK Dobriyal
Narendra Publishing House, Delhi (India) (21)
- [Influence of pre-sowing treatments on in vitro seed germination of *Ativisha* \(*Aconitum heterophyllum* Wall\) of Uttarakhand](#)
N Srivastava, V Sharma, AK Dobriyal, B Kamal, S Gupta, VS Jadon
Biotechnology 10 (2), 2015-2019 (21)
- [Sexual dimorphism in the Cyprinidae fish *Puntius conchonius* \(Ham.-Buch.\)](#)
AK Dobriyal, PK Bahuguna, SP Uniyal, HK Joshi
J. Bom. Nat. Hist. Soc 104 (2), 227-228 (21)
- [FECUNDITY AND SEX RATIO IN A RARE HILL-STREAM FISH *BOTIA DAYI* HORA FROM GARHWAL HIMALAYA, UTTARANCHAL](#)
K KUMAR, KL Bisht, AK DOBRIYAL, HK Joshi, PK Bahuguna, S Goswami, ...
Uttar Pradesh Journal of Zoology, 271-276 (21)
- [Drifting behaviour of aquatic mites and regulating ecological parameters in Khankra gad stream, a spring fed tributary of Alaknanda River, Rudraprayag Garhwal, Uttarakhand, India](#)
S Negi, P Bahuguna, AK Dobriyal
J. Mountain. Res 16 (1), 61-75 (21)
- [Population structure and drifting pattern of aquatic mites in Randi Gad, a tributary of River Alaknanda in Garhwal Himalaya, Uttarakhand, India](#)
P Bahuguna, AK Dobriyal
J. Mountain. Res 15, 63-70 (20)
- [In Vitro flower induction from shoots regenerated from cultured axillary buds of endangered medicinal herb *Swertia chirayita* H. Karst.](#)
V Sharma, B Kamal, N Srivastava, AK Dobriyal, VS Jadon
Biotechnology research international 2014 (20)



(A K Dobriyal)