


Curriculum Vitae

Full Name:	Chandra Mohan Sharma			
Designation:	Professor			
Department:	Botany and Microbiology			
Campus:	Srinagar			
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Mobile:	9412079937			
Email	sharmacmin@gmail.com			
Education Qualification:	Degree: Ph. D., University: H.N.B. Garhwal University, Year: 1986			
Teaching Experience:	37 Years	Research Experience:	40 Years	
Research Interest and Fields of Specialization				
<ol style="list-style-type: none"> 1. Ecology 2. Forest Inventory 3. Remote Sensing 				
Honours & Awards				
<ol style="list-style-type: none"> 1. Chairman of the UGC Review Committee for on-the-spot inspection of Forest Research Institute, Deemed to be University, Dehradun, Uttarakhand (5th -6th February 2010). 2. Member of the Peer Review Team constituted by Director General, Indian Council of Agricultural Research to make on the spot assessment for accreditation of Dr. Panjab Rao Deshmukh Kirshi Vidyapeeth, Akola during 15-19 December, 2015. 3. Appointed as a Professor of Forestry (in Absentia) at Mizoram Central University, Aizawl, Mizoram (2006). 				
Member of Academic Institutions				
<ol style="list-style-type: none"> 1. Member of Academic Council H.N.B. Garhwal University April 1987-May 1991 2. Member of Academic Council VCSG UUHF, Bharsar June 2014-July 2017 3. Member of Executive Council/ Board of Management VCSG UUHF, Bharsar June 2014-July 2017 4. Chairman, Board of Management VCSG UUHF, Bharsar August 2017- August 2018 				
Membership of Scientific Organizations				
<ol style="list-style-type: none"> 1. Member of <i>Executive Board of the Indian Society of Tree Scientists</i> (2003-2008). 2. Nominated by ICAR as a Member of Board of Management of Indian Institute of Soil and Water Conservation for the years 2016 and 2017. 3. Member of the International Scientific Committee in Forest Biomass Conference held during 7-9 October 2013 at Poznan, Poland. 4. Member of the XXV ICAR Regional Committee No.1 during 2017-2018. 				
Research Supervision (No. of Ph.D. Degree Awarded/Submitted/Registered)				
Ph.D. Degree: 19 Awarded/01Submitted/02 Registered				
Research Projects/ MoU undertaken				
<ol style="list-style-type: none"> 1. "Pollen Productivity, Multilocational dispersal trials and Provenance Progeny Analysis in Some Multipurpose Temperate Himalayan Trees- <i>Pinus roxburghii</i>" Sanctioned by ICFRE Dehradun, for a total cost of Rs.3, 03,700/- (initially). (1996-2000) 2. "Coordinated Research Project on Genetic Improvement of <i>Pinus roxburghii</i>" Sanctioned by ICFRE Dehradun, for a total cost of Rs.11, 80,600/- (initially). (1997-2001). 3. "Forest composition and Diversity along a disturbance gradient and socio-economic Status of the people at two biodiversity rich places of Garhwal Himalaya" Sanctioned by DST New Delhi, for a total cost of Rs.23,85,000/- (2006 -2009). 4. "Forest Structure, composition and diversity in relation to socio-economic status of the people along a disturbance gradient in Dudhatoli area of Garhwal Himalaya". Sanctioned by GBPIHED, Almora for a total cost of Rs. 6.5 lakh. (April 2008 onwards). 5. Identifying the Changes in Vegetation on Ridgetops to predict Climate impact and assisted migration. Sanctioned by DST New Delhi, for a total cost of Rs. 4043400/- (Aug., 2012-Nov., 2015). 				

6. Livelihood Development programme through integrated farming system approach in Dam affected area of Tehri District (Coordinator). Sanctioned by SEWA-THDC for a total cost of 67.91 Lacs. (Feb. 2016 to May 2018).

Administrative Experience

1. Vice-Chancellor, VCSG Uttarakhand University of Horticulture & Forestry, Bharsar, Pauri Garhwal, 09 August 2017 – 08 August, 2018.
2. Vice-Chancellor, In-Charge from 15.05.2017 to 25.06.2017, VCSG Uttarakhand University of Horticulture & Forestry, Bharsar, Pauri Garhwal
3. Dean Post Graduate Studies, (VCSG UUHF, Bharsar), Pauri Garhwal from July, 2015-July, 2018.
4. Dean, College of Forestry, Ranichauri (VCSG UUHF, Bharsar), Tehri Garhwal, 1st June, 2014 – 15.05.2018.
5. Director Research, VCSG UUHF, Bharsar, 08.10.2015 – 20.01.2016
6. Chairman, Sports Council, HNB Garhwal University (27.07.06 – 26.01.09).
7. Assistant warden, Trishul PG and Research Hostel, HNB Garhwal University Srinagar Garhwal (Jan. 1995-Jan 1996).
8. Head, Department of Forestry H.N.B. Garhwal University Srinagar Garhwal, (April 1987-May 1991 & July 1997 - July 1998).
9. Assistant Proctor, HNB Garhwal University Campus Srinagar Garhwal (Sept 1987 - May 1989).
10. Head, Department of Botany, Garhwal University Campus Tehri, (August 1985 - May 1986).

Scientific Visits Abroad/ International Collaboration

1. 23rd International Union of Forest Research Organization World Congress (Forest for the future sustaining society and the environment) held at Seoul, Republic of Korea during 23rd - 28th August 2010.
2. Forest Biomass Conference 2013, organised by the Faculty of Forestry, Poznan University of Life Sciences, Poznan, Poland. October 07 – 09, 2013.

Conference/Symposium/Workshop Attended during last five years (2014-2019)

International

1. Attended/Presented Paper/Invited Talk/Keynote Address/Session Chair, Title of event, place, date, year
- 2.

National

- 1.
- 2.

Conference/Symposium/Workshop Organized during last five years (2014-2019)

1. Chairman/Convener/Organizing Secretary, Title of event, place, date, year
- 2.
- 3.

Publications during last five years (2017-2022)

Journals (21)

1. Suchita Dimri, Pratibha Baluni and **C. M. Sharma** 2017. Carbon dynamics in *Quercus semecarpifolia* (Kharsu Oak) and *Quercus floribunda* (Moru Oak) forests of Garhwal Himalaya, India. *Proc. Natl. Acad. Sci. India, Sec. B Biol. Sci.* DOI 10.1007/s40011-017-0852-1.
2. R. Krishan, O. P. Tiwari, Y. S. Rana, A. K. Mishra and C. M. Sharma, 2017. Changes in Levels of Soil Carbon and Forest Floor Carbon Stocks in the different Temperate Forests of Garhwal Himalaya. *Int J Cur Res Rev*, 9 (7): 5-10.
3. **C. M. Sharma**, Ashish K. Mishra, O. P. Tiwari, Ram Krishan and Y. S. Rana. 2017. Effect of Altitudinal gradients on forest structure and composition on ridge tops in Garhwal Himalaya. *Energy, Ecology and Environment*; DOI 10.1007/s40974-017-0067-6
4. Y. S. Rana, O. P. Tiwari, R. Krishan and **C. M. Sharma**, 2018. Determination of nutritional potential of five important wild edible fruits traditionally used in Western Himalaya. *Int. J. Life Sci*, 6 (1): 79-86.
5. O. P. Tiwari, Y. S. Rana, R. Krishan, **C. M. Sharma** and B. S. Bhandari, 2018 Regeneration

- dynamics, population structure, and forest composition in some ridge forests of the Western Himalaya, India. *Forest Science and Technology*, 14 (2): 66–75.
6. **C. M. Sharma**, O. P. Tiwari, Y. S. Rana, R. Krishan and A. K. Mishra, 2018 Elevational behaviour on dominance–diversity, regeneration, biomass and carbon storage in ridge forests of Garhwal Himalaya, India. *For. Ecol. Manage*, 424(2018): 105-120. **IF 3.126**
 7. Vinod Prasad Khanduri, Arun Sukumaran and **Chandra Mohan Sharma**. 2018. Reproductive biology of *Cornus capitata* Wall. ex Roxb.: A native species in East Asia. *Journal of Forestry Research* (779): DOI: 10.1007/s11676-018-0779-2. **IF. 1.155**
 8. **C. M. Sharma**, Ashish K. Mishra, O. P. Tiwari, Ram Krishan and Y. S. Rana. 2018. Regeneration patterns of tree species along an elevational gradients in the Garhwal Himalaya. *Mountain Research and development* 38 (3): 211-219. **IF- 1.388**
 9. Aman Dabral, B.S. Butola, V.P. Khanduri, C.M. Sharma and Dhanush C. 2018. Autotoxicity against seed germination, seedling emergence of *Quercus leucotrichophora* A. Camus Ex. Bahadur. *Journal of Pharmacognosy and Phytochemistry* 7(5): 1813-1816.
 10. V. P. Khanduri, K. S. Kumar, **C. M. Sharma**, M. K. Riyal and Kalpataru Kar, 2019. Pollen limitations and seed set associated with year to year variation in flowering of *Gmelina arborea* in natural tropical forest. *Grana*. DOI: 10.1080/00173134.2018.1536164. **IF- 0.907**
 11. Om Prakash Tiwari, Chandra Mohan Sharma, Yashwant Singh Rana and Ram Krishan, 2019. Disturbance, Diversity, Regeneration and Composition in Temperate Forests of Western Himalaya, India. *Journal of Forest and Environmental Science* Vol. 35, No. 1, pp. 6-24, <https://doi.org/10.7747/JFES.2019.35.1.6>.
 12. V.P. Khanduri, Arun Sukumaran and C. M. Sharma, 2019. Male-skewed sex ratio in *Myrica esculenta*: a dioecious tree species. *Trees: Structure and Function*. Vol. (0123456789)13; <https://doi.org/10.1007/s00468-019-01850-5>. **IF- 1.799**
 13. Arvind Bijalwan, Pooja Verma , Manmohan J. R. Dobriyal , A. K. Patil , Tarun Kumar Thakur and C. M. Sharma. 2019. Trends and insights of agroforestry practices in Madhya Pradesh, India. *Current Science* 117(4): 597-605. **IF-0.756**
 14. OP Tiwari, CM Sharma, YS Rana (2020). Influence of altitude and slope-aspect on diversity, regeneration and structure of some moist temperate forests of Garhwal Himalaya. *Tropical Ecology* 61, 278-289.
 15. A Sukumaran, VP Khanduri, CM Sharma (2020). Pollinator-mediated self-pollination and reproductive assurance in an isolated tree of *Magnolia grandiflora* L. *Ecological Processes* 9, 1-9.
 16. VP Khanduri, KS Kumar, CM Sharma, MK Riyal, K Kar, B Singh (2021). Passerine birds supporting cross pollination in *Erythrina stricta* Roxb. *Dendrobiology* 85.
 17. VP Khanduri, A Sukumaran, CM Sharma (2021). Gender plasticity uncovers multiple sexual morphs in natural populations of *Cedrus deodara* (Roxb.) G. Don. *Ecological Processes* 10 (1), 35.
 18. VP KHANDURI, CM SHARMA, MK RIYAL, A SUKUMARAN (2022). Racial Hybridization and Inbreeding Depression in *Cedrus deodara* (Roxb.) G. Don. *Kastamonu University Journal of Forestry Faculty* 22 (1), 47-55.
 19. SF Ikram, L Singh, D Kumar, CM Sharma (2022). Prospects and constraints in studying the biodiversity of agriculturally important microalgae and cyanobacteria and useful statistical tools. *Biodiversity and Conservation* 31 (4), 1095-1124.
 20. OP Tiwari, CM Sharma, H Bartwal (2022). Plant–soil interrelationship in subtropical forests of Garhwal Himalaya, India. *Brazilian Journal of Botany* 45 (2), 775-790.
 21. OP Tiwari, CM Sharma (2022). Anthropogenic disturbance impact on forest composition and dominance-diversity: A case of an ecosensitive region of Garhwal Himalaya, India. *Acta Ecologica Sinica*.

Full Publication List (Journals only)

Anthropogenic disturbance impact on forest composition and dominance-diversity: A case of an ecosensitive region of Garhwal Himalaya, India OP Tiwari, CM Sharma <i>Acta Ecologica Sinica</i>	2022
Plant–soil interrelationship in subtropical forests of Garhwal Himalaya, India	2022

- OP Tiwari, CM Sharma, H Bartwal
Brazilian Journal of Botany 45 (2), 775-790
- Prospects and constraints in studying the biodiversity of agriculturally important microalgae and cyanobacteria and useful statistical tools 2022
SF Ikram, L Singh, D Kumar, CM Sharma
Biodiversity and Conservation 31 (4), 1095-1124
- Racial Hybridization and Inbreeding Depression in *Cedrus deodara* (Roxb.) G. Don. 2022
VP KHANDURI, CM SHARMA, MK RIYAL, A SUKUMARAN
Kastamonu University Journal of Forestry Faculty 22 (1), 47-55
- Gender plasticity uncovers multiple sexual morphs in natural populations of *Cedrus deodara* (Roxb.) G. Don 2021
VP Khanduri, A Sukumaran, CM Sharma
Ecological Processes 10 (1), 35
- Passerine birds supporting cross pollination in *Erythrina stricta* Roxb. 2021
VP Khanduri, KS Kumar, CM Sharma, MK Riyal, K Kar, B Singh, ...
Dendrobiology 85
- Pollinator-mediated self-pollination and reproductive assurance in an isolated tree of *Magnolia grandiflora* L. 2020
A Sukumaran, VP Khanduri, CM Sharma
Ecological Processes 9, 1-9
- Influence of altitude and slope-aspect on diversity, regeneration and structure of some moist temperate forests of Garhwal Himalaya 2020
OP Tiwari, CM Sharma, YS Rana
Tropical Ecology 61, 278-289
- Reproductive biology of *Cornus capitata* Wall. ex Roxb.: a native species in East Asia 2019
VP Khanduri, A Sukumaran, CM Sharma
Journal of Forestry Research 30 (6), 2039-2050
- Trends and insights of agroforestry practices in Madhya Pradesh, India 2019
A Bijalwan, P Verma, MJR Dobriyal, AK Patil, TK Thakur, CM Sharma
Current Science 117 (4), 597-605
- Male-skewed sex ratio in *Myrica esculenta*: a dioecious tree species 2019
VP Khanduri, A Sukumaran, CM Sharma
Trees 33, 1157-1165
- Pollen limitation and seed set associated with year-to-year variation in flowering of *Gmelina arborea* in a natural tropical forest 2019
VP Khanduri, KS Kumar, CM Sharma, MK Riyal, K Kar
Grana 58 (2), 133-143
- Disturbance, diversity, regeneration and composition in temperate forests of Western Himalaya, India 2019
OP Tiwari, CM Sharma, YS Rana, R Krishan
Journal of Forest and Environmental Science 35 (1), 6-24
- Variation in species composition and soil physico-chemical properties on high mountain forests in Garhwal Himalaya 2018
AK Mishra, CM Sharma, RP Singh
TROPICAL ECOLOGY 59 (4), 633-645
- Variation in biomass and carbon allocation in various components of tree species along different forest types in high mountain regions 2018
R Krishan, AK Mishra, OP Tiwari, YS Rana, CM Sharma
TROPICAL ECOLOGY 59 (3), 457-472
- Elevational behaviour on dominance–diversity, regeneration, biomass and carbon 2018

- storage in ridge forests of Garhwal Himalaya, India
 CM Sharma, OP Tiwari, YS Rana, R Krishan, AK Mishra
 Forest ecology and management 424, 105-120
- Carbon Dynamics in *Quercus semecarpifolia* (Kharsu Oak) and *Quercus floribunda* (Moru Oak) Forests of Garhwal Himalaya, India 2018
 S Dimri, P Baluni, CM Sharma
 Proceedings of the National Academy of Sciences, India Section B: Biological ...
- Regeneration patterns of tree species along an elevational gradient in the Garhwal Himalaya 2018
 CM Sharma, AK Mishra, OP Tiwari, R Krishan, YS Rana
 Mountain Research and Development 38 (3), 211-219
- Regeneration dynamics, population structure, and forest composition in some ridge forests of the Western Himalaya, India 2018
 OP Tiwari, YS Rana, R Krishan, CM Sharma, BS Bhandari
 Forest science and technology 14 (2), 66-75
- Determination of nutritional potential of five important wild edible fruits traditionally used in Western Himalaya 2018
 YS Rana, OP Tiwari, R Krishan, CM Sharma
 Int J Life Sci 6 (1), 79-86
- Autotoxicity against seed germination, seedling emergence of *Quercus leucotrichophora* A. Camus Ex. Bahadur 2018
 A Dabral, BS Butola, VP Khanduri, CM Sharma, C Dhanush
 Journal of Pharmacognosy and Phytochemistry 7 (5), 1813-1816
- Effect of altitudinal gradients on forest structure and composition on ridge tops in Garhwal Himalaya 2017
 CM Sharma, AK Mishra, OP Tiwari, R Krishan, YS Rana
 Energy, Ecology and Environment 2, 404-417
- Biomass production and carbon storage potential of selected old-growth temperate forests in Garhwal Himalaya, India 2017
 S Dimri, P Baluni, CM Sharma
 Proceedings of the National Academy of Sciences, India Section B: Biological ...
- Changes in levels of soil carbon and forest floor carbon stocks in the different temperate forests of Garhwal Himalaya 2017
 R Krishan, OP Tiwari, YS Rana, AK Mishra, CM Sharma
 J Cur Res Rev 9 (7), 5
- Tree species richness, diversity, and regeneration status in different oak (*Quercus* spp.) dominated forests of Garhwal Himalaya, India 2016
 S Singh, ZA Malik, CM Sharma
 Journal of Asia-Pacific Biodiversity 9 (3), 293-300
- Impact of climate on structure and composition of Ridge Top forests in Garhwal Himalaya. 2016
 CM Sharma, AK Mishra, R Krishan, OP Tiwari, YS Rana
 Taiwan 61 (2)
- Variation in vegetation composition, biomass production, and carbon storage in ridge top forests of high mountains of Garhwal Himalaya 2016
 CM Sharma, AK Mishra, R Krishan, OP Tiwari, YS Rana
 Journal of Sustainable Forestry 35 (2), 119-132
- Seabuckthorn in India 2016
 RS Bali, VP Khanduri, K Makhloka, CM Sharma
 Rashtriya Krishi 11 (2), 75-77
- Plant diversity, tree regeneration, biomass production and carbon storage in different oak forests on ridge tops of Garhwal Himalaya 2016

- CM Sharma, OP Tiwari, YS Rana, R Krishan, AK Mishra
Journal of Forest and Environmental Science 32 (4), 329-343
- Role of pollen production in mating success in some tropical tree species
VP Khanduri, KS Kumar, CM Sharma 2015
Brazilian Journal of Botany 38, 107-112
- Biannual pollen production in *Lagerstroemia speciosa* (L.) Pers.(Lythraceae)
VP Khanduri, CM Sharma, KS Kumar, K Kar 2015
Grana 54 (1), 26-36
- Rate of infiltration under different forest covers of Garhwal Himalaya.
N Tahir, CM Sharma 2015
Indian Forester 141 (9), 930-940
- Growing stock of various pure conifer forest types of central (Garhwal) Himalaya, India
S Dimri, P Baluni, CM Sharma 2014
International Journal of Current Research and Review 6 (22), 45
- Growing stock of various broad-leaved and conifer forests of Garhwal Himalaya.
S DIMRI, P BALUNI, CM SHARMA 2014
International Journal of Conservation Science 5 (4)
- Assessment of forest structure and woody plant regeneration on ridge tops at upper Bhagirathi basin in Garhwal Himalaya
CM Sharma, AK Mishra, O Prakash, S Dimri, P Baluni 2014
Tropical plant research 1 (3), 62-71
- Annual Variation in Flowering Phenology, Pollination, Mating System, and Pollen Yield in Two Natural Populations of
VP Khanduri, CM Sharma, KS Kumar, SK Ghildiyal 2013
- Annual variation in flowering phenology, pollination, mating system, and pollen yield in two natural populations of *Schima wallichii* (DC.) Korth
VP Khanduri, CM Sharma, KS Kumar, SK Ghildiyal 2013
The Scientific World Journal 2013
- Chemical properties of soils in relation to forest composition in moist temperate valley slopes of Garhwal Himalaya, India
S Gairola, CM Sharma, SK Ghildiyal, S Suyal 2012
The Environmentalist 32 (4), 512-523
- Regeneration dynamics of dominant tree species along an altitudinal gradient in moist temperate valley slopes of the Garhwal Himalaya
S Gairola, CM Sharma, SK Ghildiyal, S Suyal 2012
Journal of Forestry Research 23 (1), 53-63
- Pollen cone characteristics, pollen yield and pollen-mediated gene flow in *Cedrus deodara*
CM Sharma, VP Khanduri 2012
Current Science 102 (3), 394-397
- Reproductive ecology of male and female strobili and mating system in two different populations of *Pinus roxburghii*
CM Sharma, VP Khanduri, SK Ghildiyal 2012
The Scientific World Journal 2012
- Tree species composition and diversity along an altitudinal gradient in moist tropical montane valley slopes of the Garhwal Himalaya, India
S Gairola, CM Sharma, SK Ghildiyal, S Suyal 2011
Forest Science and Technology 7 (3), 91-102
- Variation in carbon stocks on different slope aspects in seven major forest types of temperate region of Garhwal Himalaya, India
CM Sharma, S Gairola, NP Baduni, SK Ghildiyal, S Suyal 2011

- Journal of biosciences 36, 701-708
 Live tree biomass and carbon variation along an altitudinal gradient in moist temperate valley slopes of the Garhwal Himalaya (India) 2011
 S Gairola, CM Sharma, SK Ghildiyal, S Suyal
 Current Science, 1862-1870
- Composition and diversity of five major forest types in moist temperate climate of the western Himalayas 2011
 S Gairola, CM Sharma, S Suyal, SK Ghildiyal
 Forestry Studies in China 13, 139-153
- Socioeconomic status and livelihood support through traditional agroforestry systems in hill and mountain agro-ecosystems of Garhwal Himalaya, India. 2011
 B Arvind, CM Sharma, VK Kediya
 Indian Forester 137 (12), 1423-1431
- Species composition and diversity in mid-altitudinal moist temperate forests of the Western Himalaya 2011
 S Gairola, CM Sharma, S Suyal, SK Ghildiya
 Journal of forest and environmental science 27 (1), 1-15
- Socioeconomic status and livelihood support through traditional agroforestry systems in hill and mountain agro-ecosystems of Garhwal Himalaya, India. 2011
 A Bijalwan, C Mohan Sharma, VK Kediya
 Indian Forester 137 (12), 1423
- Structure, composition and diversity of tree vegetation in sal mixed dry tropical forest in Chhattisgarh plains of India. 2011
 B Arvind, SL Swamy, CM Sharma, U Rajiv, HB Paliwal
 Indian Forester 137 (4), 453-462
- Forest utilization pattern in relation to socio-economic status of people in dudhatoli area of garhwal himalaya 2011
 CM Sharma, DS Butola, S Gairola, SK Ghildiyal, S Suyal
 Forests, Trees and Livelihoods 20 (4), 249-263
- Tree diversity and carbon stocks of some major forest types of Garhwal Himalaya, India 2010
 CM Sharma, NP Baduni, S Gairola, SK Ghildiyal, S Suyal
 Forest Ecology and Management 260 (12), 2170-2179
- Effects of slope aspects on forest compositions, community structures and soil properties in natural temperate forests of Garhwal Himalaya 2010
 CM Sharma, NP Baduni, S Gairola, SK Ghildiyal, S Suyal
 Journal of Forestry Research 21 (3), 331-337
- Land-use, biomass and carbon estimation in dry tropical forest of Chhattisgarh region in India using satellite remote sensing and GIS 2010
 A Bijalwan, SL Swamy, CM Sharma, NK Sharma, AK Tiwari
 Journal of Forestry Research 21, 161-170
- Phytodiversity (angiosperms and gymnosperms) in Chaurangikhal forest of Garhwal Himalaya, Uttarakhand, India 2010
 S Suyal, CM Sharma, S Gairola, SK Ghildiyal, CS Rana, DS Butola
 Indian Journal of Science and Technology 3 (3), 267-275
- Role of physiographic factors in distribution of *Abies pindrow* (Silver Fir) along an altitudinal gradient in Himalayan temperate forests 2010
 CM Sharma, S Suyal, SK Ghildiyal, S Gairola
 The Environmentalist 30, 76-84
- Male and female reproductive phenology and annual production of male cones in two natural populations of *Cedrus deodara* 2010
 VP Khanduri, CM Sharma

- Nordic Journal of Botany 28 (1), 119-127
Phytosociological analysis of overstorey and understory woody perennials
alongwith aspects in Balamdi watershed of mixed dry tropical forest in
Chhattisgarh plain. 2010
B Arvind, SL Swamy, CM Sharma, VK Sah, RK Singh
Indian Journal of Tropical Biodiversity 17 (1), 47-57
- Planting arrangement and regeneration status in existing agroforestry systems of
Garhwal Himalaya. 2010
B Arvind, CM Sharma, VK Sah, VK Kediya
Pantnagar Journal of Research 8 (2), 143-147
- Sustainable Development and Management of Forest Resources: A Case study of
site specific Microplan Preparation and joint forest management (JFM)
Implementation in District ... 2010
YS Rawat, CM Sharma
An International Journal of Science and Technology 5, 1-12
- Variation in morphological characters of mycorrhizal seedlings of various
provenances of *Pinus roxburghii* Sargent 2010
SK Ghildiyal, CM Sharma, S Gairola
NY Sci. J 3, 1-8
- The effect of slope aspects on the forest composition, community structure and soil
nutrient status of some major natural temperate forest types of Garhwal Himalaya 2010
CM Sharma, NP Baduni, S Gairola, SK Ghildiyal, S Suyal
Journal of forestry research 21 (3), 331-337
- Physical properties of soils in relation to forest composition in moist temperate
valley slopes of the Central Western Himalaya 2010
CM Sharma, S Gairola, SK Ghildiyal, S Suyal
Journal of forest and environmental science 26 (2), 117-129
- Phytodiversity (Angiosperms and Gymnosperms) in Mandal-Chopta forest of
Garhwal Himalaya, Uttarakhand, India 2010
S Gairola, CM Sharma, CS Rana, SK Ghildiyal, S Suyal
Nature and Science 8 (1), 1-17
- Effect of pre-soaking and pre-chilling treatments on seed germination of *Pinus*
roxburghii provenances from western Himalaya, India 2009
SK Ghildiyal, CM Sharma, VP Khanduri
Journal of Forestry Research 20, 323-330
- Forest resource use patterns in relation to socioeconomic status 2009
CM Sharma, S Gairola, SK Ghildiyal, S Suyal
Mountain Research and Development 29 (4), 308-319
- Fuelwood consumption pattern at different altitudes in rural areas of Garhwal
Himalaya 2009
M Kumar, CM Sharma
Biomass and Bioenergy 33 (10), 1413-1418
- Vegetation structure, composition and diversity in relation to the soil characteristics
of temperate mixed broad-leaved forest along an altitudinal gradient in Garhwal
Himalaya 2009
CM Sharma, SK Ghildiyal, S Gairola, S Suyal
Indian Journal of Science and Technology 2 (7), 39-45
- Productivity status of traditional agrisilviculture system on northern and southern
aspects in mid-hill situation of Garhwal Himalaya, India 2009
A Bijalwan, CM Sharma, VK Sah
Journal of Forestry Research 20, 137-143
- Tropical ecology: an overview 2009

- SP Singh, CM Sharma
Tropical Ecology 50 (1), 7
Cyclic pollen production in *Cedrus deodara*
VP Khanduri, CM Sharma 2009
Sexual plant reproduction 22, 53-61
- Phytotoxic effects of traditional agroforestry trees on food crops in Garhwal Himalaya
M Kumar, VP Bhatt, V Malik, CM Sharma 2009
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA
SECTION B-BIOLOGICAL ...
- Assessment of calorific values of multipurpose trees and forage grasses under silvipastoral system in red lateritic soil of Chhattisgarh plains.
U Rajiv, B Arvind, MN Naugraiya, M Biswarup, CM Sharma 2009
Indian Journal of Forestry 32 (4), 565-567
- Structure and composition of trees and their effect on crop yield in existing agrihortisilvicultural and agrihorticultural systems of Garhwal Himalaya.
B Arvind, CM Sharma, VK Sah, AJ Raj 2009
Indian Journal of Agroforestry 11 (2), 26-33
- The effects of disturbance on forest structure and diversity at different altitudes in Garhwal Himalaya
M KUMAR, CM SHARMA, GS RAJWAR 2009
Ecology 28 (3), 424r432
- Resource utilization in village ecosystem of temperate zone of Garhwal Himalaya
CM Sharma, S Gairola, M Kumar, YS Rawat, HK Bagwari 2009
Indian Journal of agroforestry 11 (2), 94-100
- PHYTOSOCIOLOGICAL ANALYSIS OF OVERSTOREY AND UNDERSTOREY WOODY PERENNIALS ALONGWITH ASPECTS IN BALAMDI WATERSHED OF MIXED DRY TROPICAL FOREST IN CHHATTISGARH PLAIN 2009
A Bijalwan, SL Swamy, CM Sharma, VK Sah, RK Singh
Indian J. Trop. Biodiv 17 (1), 47-58
- Why the conservation of forests, soil and water is necessary
CM Sharma, S Gairola 2009
Acad. Arena 1 (6), 15-20
- Effect of cold stratification on the germination of seeds of chirpine (*Pinus roxburghii* Sargent) from Indian Himalayan region
SK Ghildiyal, CM Sharma, S Gairola 2009
Nat. Sci. Sleep 7 (8), 36-43
- Structure and composition of trees and their effect on crop yield in existing agrihortisilvicultural systems of Garhwal Himalaya
A Bijalwan, CM Sharma, VK Sah, AJ Raj 2009
Indian Journal of Agroforestry 11 (2), 26-33
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