

<p><b>Chandra Prakash Kala,</b> M.Sc., Ph.D.</p> <p>Indian Institute of Forest Management Nehru Nagar, P.B. No. 357 Bhopal, Madhya Pradesh INDIA 6 462 003</p>	<b>Summary</b>
	<ul style="list-style-type: none"> <li>➤ Ranked among top 2% of the world's academicians/ scientists by the Stanford University</li> <li>➤ Published 10 books and over 200 research papers and articles</li> <li>➤ Total Impact Factor (Thomson Reuters) =112.009</li> <li>➤ Scopus h index =22, and Scopus-based citations =1724 (As on August 16, 2021)</li> <li>➤ Recipient of Indian Council of Forestry Research and Education Award for Excellence in Forest Conservation (Biodiversity and Ecology)</li> <li>➤ Elected member of the National Academy of Sciences India</li> <li>➤ Contributed in tagging the Valley of Flowers National Park in India as a World Heritage Site by UNESCO</li> <li>➤ Served as Editorial Board member of dozen of peer reviewed journals</li> </ul>

### 1. Education

M.Sc.	First Division	Botany	H.N.B. Garhwal University, Srinagar	(1992)
Ph.D.	Awarded	Forestry	Forest Research Institute, Dehradun	(1998)

Ph.D. Topic: *Ecology and Conservation of Alpine Meadows in the Valley of Flowers National Park, Garhwal Himalaya*

### 2. Specialization

Conservation Biology; Plant Ecology; Ethnobotany; Medicinal & Aromatic Plants

### 3. Experience 28 Years

#### A. Teaching, Research & Employment

##### (i) Indian Institute of Forest Management, Bhopal, Madhya Pradesh

- Teaching Post Graduate and Ph.D. students, conducting training, research and consultancy on the subject-specific domain, and carrying out academic-administrative responsibilities.

##### (ii) National Medicinal Plants Board, Ministry of Health & Family Welfare, New Delhi

- Apprised and monitored research and development projects on the medicinal plants sector in India. Coordinated to establish Medicinal Plants Facilitation Centres, School Herbal Gardens and Task Force on the High Altitude Medicinal Plants of the Himalaya.

**(iii) G.B. Pant National Institute of Himalayan Environment & Sustainable Development, Almora**

- Conducted research on the biodiversity conservation issues, natural resource management practices, and ethnobotanical knowledge in the Himalayan region of India.

**(iv) Wildlife Institute of India, Dehradun**

- Carried out research on the plant ecology, ethnobotany and conservation of alpine and sub-alpine meadows in the Indian Himalayan and trans-Himalayan regions.

**B. Courses Taught**

- Biodiversity Conservation (Post Graduate)
- Environmental Conservation and Ecosystem Management (Post Graduate)
- Climate Change and Sustainable Development (Post Graduate)
- Medicinal, Aromatic Plants and Enterprise Development (Post Graduate)
- Principles of Sustainability (Post Graduate)
- Risk Assessment and Disaster Management (M. Phil)
- Livelihood and Biodiversity Management (M. Phil)
- Basic Forestry (Ph.D.)

**C. Award & Fellowships**

- ICFRE Award for Excellence in Forest Conservation (Biodiversity & Ecology) for the year 2004-2005 by Indian Council of Forestry Research & Education, Dehradun, Uttarakhand.
- Best Nature Photographic Award; Annual Research Seminar 1999, Wildlife Institute of India.
- Visiting Scholar Fellowship; State College, Pennsylvania State University, Pennsylvania, United States of America.
- Visiting Faculty, University of Ljubljana, Slovenia.
- Post Doctoral Fellowship; G.B. Pant Institute of Himalayan Environment & Development, Almora, Uttarakhand.
- Graduate Scholar Fellowship; H.N.B. Garhwal University, Srinagar, Uttarakhand.

**D. Chairman of Committees**

- Chairman Library Management & Advisory Committee at IIFM from 2019 onwards
- Chairman Project Screening Committee at IIFM from 2019 to 2020
- Chairman Swachh Bharat Mission Committee at IIFM from 2017 to 2020
- Chairman Fieldwork at IIFM from 2014 to 2017
- Chairman PGP Admissions at IIFM from 2010 to 2012
- Chairman, and Co-Chairman in various Scientific Workshops, Seminars and Meetings.

## **E. Member of Scientific Societies**

- Member of the National Academy of Sciences, India from 2016.
- Life Member of the Indian Science Congress Association, Kolkata from 2018.
- Member of International Society for Horticultural Sciences, Belgium from 2009 to 2010.
- Expert reviewer of research grants proposal ó Swiss National Science Foundation, Berne, Switzerland in 2008.
- Expert Member of Monitoring, Learning and Evaluation Committee of National Mission on Himalayan Studies, Ministry of Environment, Forest & Climate Change, Govt. of India
- Member of Society for Conservation and Resource Development of Medicinal Plants, New Delhi, from 2007 to 2012.
- Member of Technical Committees, Project Screening Committees, and Project Monitoring Committees of the National Medicinal Plants Board, Ministry of Health & Family Welfare, Government of India, New Delhi during 2006-08, being the Consultant of NMPB.
- Member of IUCN for evaluation of World Heritage Sites in 2005, and have evaluated the nomination of the Valley of Flowers National Park, Uttarakhand, India in 2005.
- Member of Project Advisory Committee to the Centre of Economic and Social Research, Nand Nagri, Delhi during 2007-08.

## **F. Member of Journal's Editorial Board**

- '*PLOS Sustainability and Transformation*', published by PLOS Publications, San Francisco, California, USA [from May 2021 onwards].
- '*Journal of Ethnobiology and Ethnomedicine*', published by BioMed Central Ltd., UK [from 2012 -2018].
- '*International Journal of Forestry Research*', published by Hindawi Publishing Corporation, New York, USA [from 2010 onwards].
- '*International Journal of Ecology*', published by Hindawi Publishing Corporation, New York, USA [from 2010 onwards].
- '*American Journal of Plant Sciences*', published by Scientific Research Publishing Inc., Delaware, USA [from January 2011 onwards].
- '*European Journal of Medicinal Plants*', published by Science Domain International, UK [from 2013-2016].
- '*Botanica Lithuanica*', published by Nature Research Centre, Vilnius, Lithuania [from April 2012 - 2014].
- '*Journal of Biodiversity*', published by Kamla-Raj Enterprises, Delhi, India [from 2010-12].
- '*Walailak Journal of Science and Technology*', published by Institute of Research and Development, Walailak University, Thailand [From 2011 onwards].
- '*Studies on Ethnomedicine*', published by Kamla-Raj Enterprises, Delhi, India [from 2006 to 2012].
- '*Eco-chronicle*', published by Society for Environmental & Social Research, Thiruvananthapuram, Kerala, India [From 2008 to 2010].
- '*International Journal of Green Pharmacy*', published by B.R. Nahata College of Pharmacy, Mandsaur, Madhya Pradesh, India [during 2007-08].

- *'Medicinal Plants: International Journal of Phytomedicine & Related Industries'* published by Society for Conservation and Resource Development of Medicinal Plants [from 2009 to 2012 founder executive editor].

#### 4. Foreign Visit

- State College, Pennsylvania State University, United States of America
- University of Ljubljana and Triglav National Park, Slovenia
- Department of Forests & Park Services, Ministry of Agriculture & Forests, Bhutan

#### 5. Languages

- English; Hindi

#### 6. Publications

	<b>(Total)</b>	<b>235</b>
(i)	Book	10
(ii)	Paper in peer reviewed journal	111
(iii)	Paper in edited book/ proceedings	35
(iv)	General article	63
(vi)	Article in Hindi	16

#### A. Research papers published in major peer-reviewed journals with Impact Factor (Thomson Reuters) as per Journal Citation Report 2021

Journals with number of papers in parenthesis	Country of publication	Publisher	Impact Factor	Total impact factor
Biodiversity & Conservation (3)	The Netherlands	Springer	3.549	10.647
Biological Conservation (1)	The Netherlands	Elsevier	5.990	5.990
Conservation Biology (1)	U.S.A.	John Wiley & Sons	6.560	6.560
Conservation & Society (1)	India	Wolters Kluwer	3.203	3.203
Current Science (12)	India	Indian Academy of Sciences	1.102	13.224
Human-Wildlife Interactions (1)	U.S.A.	Utah State University	2.119	2.119
Indian Journal of Traditional Knowledge (4)	India	CSIR-NISCAIR	0.757	3.028
International Journal of Sustainable Development & World Ecology (3)	United Kingdom	Taylor & Francis	3.716	11.148
International Journal of Disaster Risk Reduction (2)	United Kingdom	Elsevier	4.320	8.640
International Journal of Gastronomy and Food Sciences (1)	Netherlands	Elsevier	2.537	2.537
Journal of Applied Research on Medicinal and Aromatic Plants (2)	Germany	Elsevier	3.400	6.800
Journal of Ethnobiology & Ethnomedicine (4)	United Kingdom	BioMed Centre	2.733	10.932

Journal of Forestry Research (3)	China	Springer	2.149	6.447
Journal of Mountain Science (2)	China	Springer	2.071	4.142
Journal of Soil Science and Plant Nutrition (1)	Chile	Springer	3.872	3.872
Journal of Sustainable Forestry (1)	U.S.A.	Taylor & Francis	1.500	1.500
Journal of Vegetation Science (1)	Sweden	John Wiley & Sons	2.685	2.685
Outlook on Agriculture (1)	United Kingdom	Sage Publication	1.877	1.877
PLoS One (1)	U.S.A.	Public Library of Sciences	3.240	3.240
Russian Journal of Ecology (1)	Russia	Springer	0.684	0.684
Tropical Ecology (1)	India	Springer	0.850	0.850
Weed Technology (1)	U.S.A.	Cambridge University Press	1.884	1.884
				<b>112.009</b>

**B. Total citations:** As per Google Scholar: **5100** with h-index 37 (As on August 12, 2021)  
As per Scopus: **1724** with h-index 22 (As on August 12, 2021)

**C. List of major publications**

**(i) Book**

1. **Kala, C.P.** (2015) *Nanda's Neelkanth*. Partridge Publishing, Bloomington, USA. 340 pp.
2. **Kala, C.P.** & Silori, C.S. (2013) *Biodiversity, Communities and Climate Change*. The Energy and Resources Institute, New Delhi. 330 pp. [edited].
3. **Kala, C.P.** (2011) *Medicinal Plants and Sustainable Development*. Nova Science Publishers, New York, USA. 280 pp. [edited].
4. **Kala, C.P.** (2010) *Medicinal Plants of Uttarakhand: Diversity, Livelihood and Conservation*. Biotech Books, Delhi, India. 188 pp.
5. **Kala, C.P.** (2004) *The Valley of Flowers: Myth and Reality*. International Book Distributors, Dehradun, India. 215 pp.
6. **Kala, C.P.** (2002) *Medicinal Plants of Indian Trans-Himalaya: Focus on Tibetan Use of Medicinal Resources*. Bishen Singh Mahendra Pal Singh, Dehradun, India. 200 pp.

**(ii) Paper in peer reviewed journal**

1. **Kala, C.P.** (2021) Ethnic food knowledge of highland pastoral communities in the Himalayas and prospects for its sustainability. *International Journal of Gastronomy and Food Sciences*, 23: 100309. <https://doi.org/10.1016/j.ijgfs.2021.100309>
2. **Kala, C.P.** (2020) Medicinal plants used for the treatment of respiratory diseases in Uttarakhand state of India. *Studies on Ethnomedicine*, 14 (1): 1-8.

3. Sharma, N. & **Kala, C.P.** (2018) Harvesting and management of medicinal and aromatic plants in the Himalayas. *Journal of Applied Research on Medicinal and Aromatic Plants*, 8: 1-9.
4. Sharma, N. & **Kala, C.P.** (2018) Patterns in distribution, population density and uses of medicinal plants along the altitudinal gradient in Dhauladhar mountain range of Indian Himalayas. *Current Science*, 114 (11): 2323-2328.
5. **Kala, C.P.** (2015) Forest structure and anthropogenic pressures in the Pachmarhi Biosphere Reserve of India. *Journal of Forestry Research*, 26 (4): 867-874.
6. **Kala, C.P.** (2015) Medicinal and aromatic plants: Boon for enterprise development. *Journal of Applied Research on Medicinal and Aromatic Plants*, 2 (4): 134-139.
7. **Kala, C.P.** (2014) The degraded and disaster-prone Himalayan ecosystem calls for management interventions. *International Journal of Disaster Risk Reduction*, 10: 399-401.
8. **Kala, C.P.** (2014) Deluge, disaster and development in Uttarakhand Himalayan region of India: Challenges and lessons for disaster management. *International Journal of Disaster Risk Reduction*, 8: 143-152.
9. **Kala, C.P.** (2013) Traditional ecological knowledge on characteristics, conservation and management of soil in tribal communities of Pachmarhi Biosphere Reserve, India. *Journal of Soil Science and Plant Nutrition*, 13 (1): 201-214.
10. **Kala, C.P.** and Kothari, K.K. (2013) Livestock predation by common leopard in Binsar Wildlife Sanctuary, India: human-wildlife conflicts and conservation issues. *Human-Wildlife Interactions*, 7 (2): 325-333.
11. Basannagari, B. & **Kala, C.P.** (2013) Climate change and apple farming in Indian Himalayas: A study of local perceptions and responses. *PLoS One*, 8 (10): e77976. doi: 10.1371/journal.pone.0077976.
12. **Kala, C.P.** & Ratajc, P. (2012) High altitude biodiversity of the Alps and the Himalayas: ethnobotany, plant distribution and conservation perspective. *Biodiversity and Conservation*, 21 (4): 1115-1126.
13. **Kala, C.P.** & Dubey, Y. (2012) Anthropogenic disturbances and status of forest and wildlife in the dry deciduous forests of Chhattisgarh state in India. *Journal of Forestry Research*, 23 (1): 45-52.
14. **Kala, C.P.** (2011) Medicinal plants used for dermatological disorders: a study of Uttarakhand state in India. *Australian Journal of Medical Herbalism*, 23 (3): 132-137.
15. **Kala, C.P.** (2011) Floral diversity and distribution in the high altitude cold desert of Ladakh, India. *Journal of Sustainable Forestry*, 30: 360-369.

16. **Kala, C.P.** & Maikhuri, R.K. (2011) Mitigating people-park conflicts on resource use through ecotourism: A case of the Nanda Devi Biosphere Reserve, Indian Himalaya. *Journal of Mountain Science*, 8: 87-95.
17. Kandari, L.S., Rao, K.S., Maikhuri, R.K., Kharakwal, G., Chauhan, K. & **Kala, C.P.** (2011) Distribution pattern and conservation of threatened medicinal plants of central Himalaya, India. *Journal of Forestry Research*, 22 (3): 403-408.
18. **Kala, C.P.** (2010) Status of an indigenous agro-forestry system in changing climate: A case study of the middle Himalayan region of Tehri Garhwal, India. *Journal of Forest Science*, 56 (8): 373-380.
19. Majila, B.S. & **Kala, C.P.** (2010) Forest structure and regeneration along the altitudinal gradient in the Binsar Wildlife Sanctuary, Uttarakhand, India. *Russian Journal of Ecology*, 41 (1): 75-83.
20. Semwal, D.P., Saradhi, P.P., **Kala, C.P.** & Sajwan, B.S. (2010) Medicinal plants used by local *vaidyas* in Ukhimath block, Uttarakhand. *Indian Journal of Traditional Knowledge*, 9 (3): 480-485.
21. Phondani, P.C., Maikhuri, R.K., Rawat, L.S., Farooquee, N.A., **Kala, C.P.**, Vishvakarma, S.C.R., Rao, K.S. & Saxena, K.G. (2010) Ethnobotanical Uses of Plants among the Bhotiya Tribal Communities of Niti Valley in Central Himalaya, India. *Ethnobotany Research and Applications*, 8: 233-244.
22. **Kala, C.P.** (2009) Aboriginal uses and management of ethnobotanical species in deciduous forests of Chhattisgarh state in India. *Journal of Ethnobiology and Ethnomedicine*, 5: 1-12. <http://www.ethnobiomed.com/content/5/1/20>
23. Singh, R.B., Mal, S. & **Kala, C.P.** (2009) Community responses to mountain tourism: A case in Bhyundar Valley, Indian Himalaya. *Journal of Mountain Science*, 6 (4): 394-404.
24. **Kala, C.P.**, Dollo, M., Farooquee, N.A. & Choudhury, D.C. (2008) Land-use management and wet-rice cultivation (Jebi Aji) by the Apatani people in Arunachal Pradesh, India. *Outlook on Agriculture*, 37 (2): 125-130.
25. **Kala, C.P.** (2008) Programme zur Revitalisierung von Naturheilverfahren mit Arzneipflanzen in Indien [Programmes for revitalizing herbal medicine in India]. *Zeitschrift für Arznei- & Gewürzpflanzen [Journal of Medicinal & Spice Plants]*, 13 (3): 138-139.
26. Mishra, S., Maikhuri, R.K., **Kala, C.P.**, Rao, K.S. & Saxena, K.G. (2008) Wild leafy vegetables: A study of their subsistence dietetic support to the inhabitants of Nanda Devi Biosphere Reserve, India. *Journal of Ethnobiology and Ethnomedicine*, 4: 1-15.
27. **Kala, C.P.** (2007) Local preferences of ethnobotanical species in the Indian Himalaya: Implications for environmental conservation. *Current Science*, 93 (12): 1828-1834.
28. **Kala, C.P.** & Sajwan, B.S. (2007) Revitalizing Indian systems of herbal medicine by the National Medicinal Plants Board through institutional networking and capacity building. *Current Science*, 93 (6): 797-806.

29. **Kala, C.P.** (2007) Prioritization of cultivated and wild edibles by local people in the Uttaranchal hills of Indian Himalaya. *Indian Journal of Traditional Knowledge*, 6 (1): 239-243.
30. **Kala, C.P.** (2006) Problems and prospects in the conservation and development of the Himalayan medicinal plants sector. *International Journal of Sustainable Development*, 9 (4): 370-389.
31. **Kala, C.P.** (2006) Medicinal plants: Potential for economic development in the state of Uttaranchal, India. *International Journal of Sustainable Development & World Ecology*, 13 (6): 492-498.
32. **Kala, C.P., Dhyani, P.P. & Sajwan, B.S.** (2006) Developing the medicinal plants sector in Northern India: challenges and opportunities. *Journal of Ethnobiology and Ethnomedicine*, 2: 1-15. [Online]: <http://www.ethnobiomed.com/content/pdf/1746-4269-2-32.pdf>
33. **Kala, C.P. & Sajwan, B.S.** (2006) Herbal Gardens in Schools. *Current Science*, 91 (11): 1442-1443.
34. **Kala, C.P.** (2006) Ethnobotany and ethnoconservation of *Aegle marmelos* (L.) Correa. *Indian Journal of Traditional Knowledge*, 5 (4): 537-540.
35. **Kala, R. & Kala, C.P.** (2006) Indigenous water conservation technology of Sumari village, Uttaranchal. *Indian Journal of Traditional Knowledge*, 5 (3): 394-396.
36. **Kala, C.P.** (2005) Indigenous uses, population density, and conservation of threatened medicinal plants in protected areas of the Indian Himalayas. *Conservation Biology*, 19 (2): 368-378.
37. **Kala, C.P.** (2005) Current status of medicinal plants used by traditional *Vaidyas* in Uttaranchal state of India. *Ethnobotany Research and Applications*, 3: 267-278.
38. **Kala, C.P.** (2005) The Valley of Flowers- A Newly Declared World Heritage Site. *Current Science*, 89 (6): 919-920.
39. **Kala, C.P.** (2005) Health traditions of Buddhist community and role of amchis in trans-Himalayan region of India. *Current Science*, 89 (8): 1331-1338.
40. **Kala, C.P.** (2005) Ethnomedicinal botany of the Apatani in the Eastern Himalayan region of India. *Journal of Ethnobiology and Ethnomedicine*, 1 (11): 1-12. [Online]: <http://www.ethnobiomed.com/content/pdf/1746-4269-1-11.pdf>
41. **Kala, C.P., Farooquee, N.A. & Dhar, U.** (2005) Traditional uses and conservation of timur (*Zanthoxylum armatum* DC.) through social institutions in Uttaranchal Himalaya, India. *Conservation and Society*, 3 (1): 224-230.



42. Majila, B.S., Joshi, G.C. & Kala, C.P. (2005) Patterns in litter fall and litter decomposition along an altitudinal gradient in the Binsar Wildlife Sanctuary, Central Himalaya. *International Journal of Sustainable Development and World Ecology*, 12 (2): 205-212.
43. Kala, C.P. (2004) Pastoralism, plant conservation, and conflicts on proliferation of Himalayan Knotweed in high altitude protected areas of the Western Himalaya, India. *Biodiversity and Conservation*, 13 (5): 985-995.
44. Kala, C.P., Farooquee, N.A. & Dhar, U. (2004) Prioritization of medicinal plants on the basis of available knowledge, existing practices and use value status in Uttaranchal, India. *Biodiversity and Conservation*, 13 (2): 453-469.
45. Kala, C.P. & Shrivastava, R.J. (2004) Successional changes in Himalayan alpine vegetation: two decades after removal of livestock grazing. *Weed Technology*, 18: 1210-1212.
46. Kala, C.P. (2004) Indigenous uses and structure of chir pine forest in Uttaranchal Himalaya, India. *International Journal of Sustainable Development and World Ecology*, 11 (2): 205-210.
47. Kala, C.P. (2004) Assessment of species rarity. *Current Science*, 86 (8): 1058-1059.
48. Kala, C.P. & Mathur, V.B. (2002) Patterns of plant species distribution in the trans-Himalayan region of Ladakh, India. *Journal of Vegetation Science*, 13 (6): 751-754.
49. Kala, C.P., Singh, S.K. & Rawat, G.S. (2002) Effects of sheep and goat grazing on the plant species diversity of alpine meadows in the Western Himalaya. *The Environmentalist*, 22: 183-189.
50. Kala, C.P. (2002) Indigenous knowledge of Bhotiya tribal community on wool dyeing and its present status in the Garhwal Himalaya, India. *Current Science*, 83 (7): 814-817.
51. Kala, C.P. (2000) Status and conservation of rare and endangered medicinal plants in the Indian trans-Himalaya. *Biological Conservation*, 93 (3): 371-379.
52. Kala, C.P. & Rawat, G.S. (1999) Effects of livestock grazing on species diversity and biomass production in Garhwal Himalaya, India. *Tropical Ecology*, 40 (1): 69-74.

**(iii) Paper in edited book/proceedings/bulletins**

1. Kala, C.P. (2015) Medicinal and aromatic plants of Uttarakhand: An important ecosystem service for human wellbeing. In: V.K. Dhaundiyal and M. Sundriyal (Eds.), *Ecosystem Services and its Mainstreaming in Development Planning Process*. Bishen Singh Mahendra Pal Singh, Dehradun. pp 145-154.
2. Kala, C.P. (2014) Forestry carbon projects and biodiversity conservation. In: H.S. Gupta, M. Yadav, M. Verma, A. David, U.K. Sarma and C.P. Kala (Eds.), *Science and Business of Carbon Forestry*. The Energy and Resources Institute, New Delhi. pp 151-156.

3. **Kala, C.P. & Majila, B.S.** (2013) Status of forest and wildlife in the Binsar Wildlife Sanctuary. In: C.P. Kala and C.S. Silori (Eds.), *Biodiversity, Communities and Climate Change*. The Energy and Resources Institute, New Delhi, pp 25-35.
4. **Kala, C.P.** (2013) Population and management of medicinal plants in Chhattisgarh. In: C.P. Kala and C.S. Silori (Eds.), *Biodiversity, Communities and Climate Change*. The Energy and Resources Institute, New Delhi, pp 37-49.
5. **Kala, C.P.** (2013) Indigenous knowledge, use of NTFPs and biodiversity conservation in Uttarakhand. In: C.P. Kala and C.S. Silori (Eds.), *Biodiversity, Communities and Climate Change*. The Energy and Resources Institute, New Delhi, pp 245-255.
6. **Kala, C.P.** (2013) Climate change and challenges of biodiversity conservation. In: C.P. Kala and C.S. Silori (Eds.), *Biodiversity, Communities and Climate Change*. The Energy and Resources Institute, New Delhi, pp 259-269.
7. **Kala, C.P.** (2011) Pastoral grazing and plant conservation in the alpine meadows of the Himalaya. In: N.A. Farooquee, P. Gooch, R.K. Maikhuri, and D.K. Agrawal (Eds.), *Sustainable Pastoralism in the Himalayas*. Indus Publishing Co., New Delhi, pp 204-214.
8. **Kala, C.P.** (2011) Use of medicinal plants for curing urogenital disorders. In: C.P. Kala (Ed.), *Medicinal Plants and Sustainable Development*. Nova Science Publishers, New York, USA, pp 219-223.
9. **Kala, C.P.** (2011) Sustainable development of medicinal plants and livelihood opportunities. In: C.P. Kala (Ed.), *Medicinal Plants and Sustainable Development*. Nova Science Publishers, New York, USA, pp 245-254.
10. **Kala, C.P.** (2011) Conservation and utilization of biodiversity in high altitude cold desert of India. In: K.G. Saxena, L. Liang, and X. Xue (Eds.), *Global Change, Biodiversity and Livelihoods in Cold Desert Region of Asia*. Bishen Singh Mahendra Pal Singh, Dehradun, pp 43-49.
11. **Kala, C.P. & Silori, C.S.** (2011) Medicinal plants in Nanda Devi Biosphere Reserve: Traditional heritage for livelihood and health security of ethnic communities. In: Y. Gokhale and A.K. Negi (Eds.), *Community-based Biodiversity Conservation in the Himalayas*. The Energy and Resource Institute, New Delhi, pp 75-85.
12. **Kala, C.P.** (2010) Ethnobotanical and ecological approaches for conservation of medicinal and aromatic plants. *Acta Horticulturae*, 860: 19-26.  
[http://www.actahort.org/books/860/860\\_1.htm](http://www.actahort.org/books/860/860_1.htm)
13. **Kala, C.P.** (2010) Enterprise development in medicinal plants. In: V. Bhasin and C. Susanne (Eds.), *Anthropology Today: Trends and Scope of Human Ecology*. Kamla-Raj Enterprises, Delhi, pp 185-192.
14. **Kala, C.P. & Rawat, G.S.** (2007) Conservation and management of alpine meadows: a case study from the Valley of Flowers National Park, Western Himalaya. In: J.S. Singh, A.K. Bhatnagar, V.P. Singh, and B.K. Roy (Eds.), *Plant Diversity and Conservation*. Satish Serial, Delhi, pp 47-62.

15. **Kala, C.P.** (2004) Revitalizing traditional herbal therapy by exploring medicinal plants: A case study of Uttaranchal state in India. In: B.L. Farmer, A. Maretzki, and L. Semali (Eds.), *Indigenous Knowledges: Transforming the Academy*. Pennsylvania State University, Pennsylvania, U.S.A., pp 15-21.
16. **Kala, C.P.** (2004) Distribution pattern and conservation status of mammals and birds in the Valley of Flowers National Park and its vicinity, Uttaranchal. *Himalayan Biosphere Reserves*, 6: 91-102.
17. **Kala, C.P.** (2003) An ethnobotanical survey of the propagation of rare medicinal herbs by small farmers in the buffer zone of the Valley of Flowers National Park, Garhwal Himalaya, India. In: Y. Aumeeruddy-Thomas and P. Shengji (Eds.), *Applied Ethnobotany: Case Studies from the Himalayan Region*. People and Plants Working Paper 12, WWF, Goldalming, U.K., pp 29-31.
18. **Kala, C.P., Rawat, G.S. & Mukherjee, S.K.** (2001) Prospects for the ex-situ conservation of wild medicinal plants in and around Bhyundar Valley, Garhwal Himalaya. In: S.S. Samant, U. Dhar and L.M.S. Palni (Eds.), *Himalayan Medicinal Plants: Potential and Prospects*. Gyanodaya Prakashan Nainital, India, pp 271-284.
19. **Kala, C.P. & Rawat, G.S.** (1998) Conservation status and distribution of rare medicinal herbs in and around the Valley of Flowers National Park, Western Himalaya. *Medicinal Plants a Global Heritage*. Proceedings of the International Conference on Medicinal Plants for survival. IDRC-CRDI, New Delhi, pp 75-87.

**(iv) General article**

1. **Kala, C.P.** (2020) Nomadic trails in Bhutan: Sephu and Layap pastoral communities. *TerraGreen*, November 2020.
2. **Kala, C.P.** (2020) Managing Meadows: How to Preserve Alpine Landscapes. *TerraGreen*, April 2020.
3. **Kala, C.P.** (2020) Phobjikha: The Paradise of Black-Necked Cranes. *TerraGreen*, 12 (10): 50-52.
4. **Kala, C.P.** (2019) Jagymin Chu: The healing water of Bhutan. *TerraGreen*, 12 (5): 50-52.
5. **Kala, C.P.** (2018) Pulse with potential. *Down to Earth*, 27 (1): 82-83.
6. **Kala, C.P.** (2018) Sacred, a way of life. *Down to Earth*, 26 (16): 27-29.
7. **Kala, C.P.** (2018) A delicious orchid of Bhutan. *TerraGreen*, 11 (8): 38-39.
8. **Kala, C.P.** (2018) Pench Tiger Reserve: Memoirs of the Mowgli's Land. *TerraGreen*, 11 (2): 38-39.
9. **Kala, C.P.** (2017) Call from the hills. *Down to Earth*, 26 (7): 50-51.
10. **Kala, C.P.** (2017) Drumstick: A Boon for Healthy Living. *TerraGreen*, 9 (10): 12-17.

11. **Kala, C.P.** (2016) Mountains of Sanjeevani. *Down to Earth*, 25 (10): 60-61.
12. **Kala, C.P.** (2016) Grasslands in Peril. *Down to Earth*, 25 (6): 56-57.
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23. **Kala, C.P.** (2004) Botanizing the World: Current Development in Uttaranchal's Medicinal Plant Sector. *Plants & People*, 18: 14.
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**Invited Talks/ Workshops/ Conferences/ Seminars:** Attended over hundred

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