

Curriculum Vitae

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1. Degrees received

- **M.Sc. in Botany** - Tribhuvan University (TU), Nepal – 1978
- **Ph.D. in Biology (Plant Systematics)** - Komarov Botanical Institute, St. Petersburg (then Leningrad), Academy of Sciences of the USSR - 1988
- **Honorary Degree: Doctor of Science (*Honoris Causa*)** - The Open International University for Complementary Medicines, Sri Lanka – 1997

2. Permanent positions

- **Professor** in the Central Department of Botany, Tribhuvan University, Kirtipur, Kathmandu, Nepal (since July 1997).
- **Associate Professor** in the Central Department of Botany, Tribhuvan University (1990-1997).
- **Assistant Lecturer** in the Central Department of Botany, Tribhuvan University (1978-1990).

3. Special appointment

- **Member, National Planning Commission of Nepal** (June 2005-May 2006). Portfolio: Agriculture, Forest, Local development, Sustainable development, Rural roads, irrigation, drinking water.

4. Post doctoral research, positions & visits at different universities in Europe and USA.

5. Involvement in academic/professional programs: Research supervisor, course coordinator, Panel of experts, Team leader/member of biodiversity related policies and action plans and Master plan of Botanic Garden and scientific Park, MDGs.

6. Awards, medals, special recognition, fellows and fellowships awarded by national, international professional and social organizations.

7. Workshop/seminar attended since 1987: More than 30 in Asia, Europe, USA, Central America, South Africa,

8. Experience in organizing conferences: More than 15 as president, organizing secretary, program coordinator, and member in Nepal and Norway.

9. Major grants received from national organizations, and international organizations including USAID/USA, WWF/USA, IUCN/Nepal and IUCN/Bangkok, Ford Foundation/India, NUFU/Norway, NOMA/Norway, NSF (USA), ICiMOD/UNEP.

10. Resource person/Expert in the area of conservation biology, biodiversity and environment research, research methodology, curriculum development, access to genetic resources and equitable distribution of benefits, ethnobotanical field and laboratory methods, and environmental justice.

11. Academic supervisor: Four Ph.D. (Nepal), about 50 Masters (TU-Nepal, and UiB- and UMB-Norway), and eight undergraduate (Cornell (USA)-TU (Nepal) Study Programme).

12. Examiner of ph. d. dissertation Six in the areas of biodiversity, NTFPs, ethnobotany, plant systematics submitted to University Bergen, Norway; University of Kalyani, west Bengal, University of Coimbatore, India; and Tribhuvan University, Nepal.

13. Research experience

- **Field:** Over 40 five field trips have been conducted in different parts of the Nepal Himalaya including Sagarmatha, Annapurna, Langtang-Gosainkunda, Makalu-Barun, Khaptad, Ganesh Himal, Milke-Jaljale, Dolpo, Mustang-Manang, Kalingchowk, Parsa, Chitwan, Koshi Tappu, Shukla Phanta since 1978. I have traveled widely in the mountains (up to 5,000 m) and in the *Tarai* (plains) of Nepal.
- **Herbaria worked/visited** (Abroad): (i) K (Kew) (ii) BM (London) (iii) P (Paris) (iv) S (Stockholm), (v) GH (Harvard) (vi) B (Berlin) (vii) LE (St. Petersburg) (viii) W (Austria) (ix) E (Edinburgh) (x) BG (Bergen).
- **Laboratory work** (with modern equipments): (i) Scanning Electron Microscope, (ii) DNA research with RAPDs
- **Reviewer:** I have made review of peer reviewed international journals and books including Environmental Conservation, Intern Plant Genetic Resources, Jr Ethnopharmacology, Jr Ethnobiol. Ethnomedicine; Forest Ecology and Management, Journal of Mountain Science, and several national journals including Jr. Inst. Science & Technology, Jr Nat Hist Mus; Scientific World; Ecoprint; Biodiversity conservation in the Kanchenjunga landscape (ICIMOD-Nepal)

14. Research areas: (i) Conservation biology (ii) Plant systematic and Biodiversity, (iii) Ethnobotany, (iv) Environment, (v) Plant genetic Resources, (vi) Molecular approach to biodiversity assessment.

15. Assignments/membership in professional organizations Life member, member, Editor/Associate editor, President, General secretary, Advisor, Board member, Referee of 41 professional organizations and University including **Chairperson**, Board of Governors (2005); **Member**, Board of Governors, (2005-2006); **Member** (2005-2006), Finance Committee, (2006) Director General Search Committee, **Chair** (2007), International Technical Advisory Committee (ITAC) for Medicinal and Aromatic Plants Programme in Asia (MAPPA) of International Centre for Integrated Mountain Development (ICIMOD), Kathmandu.

16. Publications

16.1 Books & Fascicles Authored (based on Research): Four including

- **Chaudhary, R.P.** 1998. *Biodiversity in Nepal - Status and Conservation*. S. Devi, Saharanpur, India & Tecpress Books, Bangkok, Thailand, 325 pages (ISBN: 974-89833-6-6).

16.2 Books Edited: Six including

- **Chaudhary, R.P.**, Subedi, B.P., Vetaas, O.R., Aase, T.H. 2002 (Eds.). *Vegetation and Society – Their Interaction in the Himalayas*. Tribhuvan University, Nepal and University of Bergen, Norway, 317 p.
- **Chaudhary, R.P.**, Aase, T.H., Vetaas, O.R., and Subedi, B.P. (Editors). 2007. *Local Effects of Global Changes in the Himalayas: Manang, Nepal*. Tribhuvan University, Nepal and University of Bergen, Norway.

16.3 Research Papers: Over 102 published since 1979 including:

- **Chaudhary, R.P.** 1979 Report on weeds in the wheat fields of Kathmandu valley. *Journ. Nat. Hist. Mus. (Nepal)*, **3**: 83-93
- **Chaudhary, R.P.** 1998 a. A synopsis of the genus *Anemone* (Ranunculaceae) in Nepal and Adjacent Regions of the Himalaya. *Bot. Zhurn.*, **73**(8): 1188-1202. (In Russian)
- El-Ghazaly, G. and **Chaudhary, R.P.** 1993. Pollen morphology of some species of the genus *Euphorbia* L. *Rev. Palaeobot. Palyn.*, **78**: 293- 319
- Adams, R. and **Chaudhary, R.P.** 1996. Leaf essential oil of *Juniperus indica* Bertol. from Nepal. *J. Essential Oil Res.*, **8**: 677-680

- Vetaas, O.R. and **Chaudhary, R.P.** 1998. Scale and species- environment relationship in a central Himalayan oak forest, Nepal. *Plant Ecology*, **134**: 67-76.
- Shakya, L.R. and **Chaudhary, R.P.** 1999. Taxonomy of *Oberonia rufilabris* (Orchidaceae) and allied new species from the Himalayas. *Harvard Papers in Botany*, **4**(1): 357-363.
- **Chaudhary, R.P.**, Sah, J.P., Singh, R.L. and Tiwari, R.D. 2002. The use of plant resources and its impact on conservation in Parsa Wildlife Reserve, Nepal. *Environmental Biology and Conservation*, **7**: 67-80.
- **Chaudhary, R.P.**, Gupta, V.N.P. and Taylor, R.S.L. 2004. *Cleyera japonica* Thunb. var. *wallichiana* (DC.) Sealy (Theaceae)-A tea-beverage plant of the Himalayas. *Economic Botany*, **58**: 114-117.
- Mahato, R.B. and **Chaudhary, R.P.** 2005. Ethnomedicinal plants of Palpa district, Nepal. *Ethnobotany*, **17**(1&2): 152-163.
- Panthi, M., **Chaudhary, R.P.**, Vetaas, O.R. 2006. Plant species richness and composition in a trans-Himalayan inner valley of Manang district, central Nepal. *Himalayan Journal of Sciences*, **4**(6): 12-19.
- Ziman, S.N., Ehrendorfer, F., Keener, C.S., Wang, W.T., Mosyakin, S.L., Bulakh, E.V., Tsarenko, O.N., Dutton, B.E., **Chaudhary, R.P.**, and Kadota, Y. 2007. Revision of *Anemone* Sect. *Himalayicae* (*RANUNCULACEAE*) with three new series. *Edinburgh Journal of Botany*, **64**(1): 51-99.
- Rajbhandari, M., Mentel, R., Jha, P.K., **Chaudhary, R.P.**, Bhattarai, S., Gewali, M.B., Karmacharya, N., Hipper, M., and Lindequist, U. 2007. Antiviral activity of some plants used in Nepalese traditional medicine. *Evidence-based Complimentary and Alternative Medicine* (eCAM), doi: 10.1093/ecam/nem156.
- Bhattarai, S., **Chaudhary, R.P.** and Taylor, R.S.L. 2006. Ethnomedicinal plants used by the people of Manang district, central Nepal. *Journal of Ethnobiology and Ethnomedicine*, **2**:41.
- Bhattarai, S., **Chaudhary, R.P.** and Taylor, R.S.L. 2008. Antibacterial activity of selected ethnomedicinal plants of Manang district, central Nepal. *Journal of Theoretical Biology*, **5**(1&2): 01-9.
- Aase, T.H., Chaudhary, R.P. and Vetaas, O.R. 2009. Farming flexibility and food security under climatic uncertainty: Manang, Nepal Himalaya. *Area*: 1-11 (doi: 10.1111/j.1475-4762.2009.00911.x)
- Sharma, L.N., Chaudhary, R.P., and Gupta, V.N.P. 2010. Weed diversity in the trans-Himalayan wheat fields of upper Manang, Nepal. In: *Sustainable use of Biological Resources in Nepal* (Eds.: P.K. Jha, S.B. Karmacharya, M.K. Balla, M.K. Chettri and B.B. Shrestha), pp. 72-78. Ecological Society (ECOS), P.O. Box 6132, Kathmandu, Nepal.
- Bhattarai, S., **Chaudhary, R.P.**, Quave, C.L. and Taylor, R.S.L. 2010. The use of medicinal plants in the trans-Himalayan arid zone of Mustang district, Nepal. *Journal of Ethnobiology and Ethnomedicine*, **6**:14 (www.ethnobiomed.com/contents/6/1/14)
- Shrestha, U.B., Shrestha, S., Chaudhary, P. and **Chaudhary, R.P.** 2010. How representative is the protected areas system of Nepal? *Mountain Research and Development*, **30**(3): 282-294.
- Adhikari, B., **Chaudhary, R.P.**, and Ghimire, S.K. 2010. A new species of *Leptopus* (Euphorbiaceae) from Nepal. *Blumea*, **55**, 162-163.
- Ghimire, B.K., Mainali, K.P., Lekhak, H.D., Chaudhary, R.P., and Ghimeray, A. 2010. Regeneration of *Pinus wallichiana* A.B. Jackson in trans-Himalayan dry valley of north-central Nepal. *Himalayan Journal of Sciences*, **6**(8): 19-26. doi: 10.3126/hjs.v6i8.1798.
- Subedi, A., **Chaudhary, R.P.**, Vermeulen, J.J., Gravendel, B. 2011. A new species of *Panisea* (Orchidaceae) from central Nepal. Accepted for publication in the *Nordic Journal of Botany*.
- Subedi, A., **Chaudhary, R.P.**, van Achterberg, C., Heijerman, T., Lens, F., van Dooren, T.J.M., Gravendel, B. 2011. Pollination and protection against herbivory of Nepalese *Coelogynae* (Orchidaceae). *American Journal of Botany*, **98**(7): 1095-1103.

16.4 Research Review Papers: Total 30 including:

- **Chaudhary, R.P.** 1985. The Nepalese Environment: Problems, Policies and Prospects. *The Environmentalist*, **5**(1):51-53
- **Chaudhary, R.P.** 1995. Biodiversity in Nepal - Conservation and Management perspective. In: *Taxonomy and Biodiversity*, (Ed.: A.K. Pandey), pp. 22-28. CBS Publishers & Distributors, New Delhi.

- **Chaudhary, R.P.** 1999. Intellectual Property Rights and Farmers' Rights. In: *Proceedings of National Conference on Wild Relatives of Cultivated Plants in Nepal* (June 2-4, 1999), Green Energy Mission/Nepal, pp. 215-223.
- **Chaudhary, R.P.** 2000. Biodiversity Prospecting in Nepal - Constraints and Opportunities. In: *Proceedings of the 8th International Workshop on BIO-REFOR*, Kathmandu, Nepal (Nov. 28-Dec. 2, 1999), pp. 256-260. BIO-REFOR, IUFRO/SPDC.
- **Chaudhary, R.P.** 2000. Forest Conservation and Environmental Management in Nepal - A REVIEW. *Biodiversity and Conservation*, **9**: 1235-1260.
- Taylor, R.S.L. and **Chaudhary, R.P.** 2003. Ethnobotanical Field Studies: Consideration for Researchers. *Botanica Orientalis*, 31-34.
- **Chaudhary, R.P.** 2006. Biodiversity and MDGs in Nepalese perspectives. *IUCN Nepal Newsletter*, **7**(1): 2-6.
- **Chaudhary, R.P.** 2008. Cultural landscape and sustainable livelihood in response to global changes: Lessons from Manang, trans-Himalayas, Nepal. In: *Shifting Paradigms in Protected Areas* (Eds.: S.B. Bajracharya and N. Dahal). National Trust for Nature Conservation (NTNC), Kathmandu, Nepal, pp. 123-131.
- **Chaudhary, R.P.** 2008. Constitutional Rights Related to Environment and Biological Resources in the Context of New Structuring of Nepal (Nepal ko Naya Sanrachna ma Batabaran tatha Jaivik Shrot Sambhandhi Sambaidhanik Hak). In: *Chepong Food Culture and Agricultural Biodiversity* (Eds.: Rishi Ram Bastakoti and Lila Nath Sharma). RIMS, Nepal, pp. 1-7 (In Nepali).
- Chaudhary, R.P. 2009. Biodiversity conservation in federal constitution (In Nepali: Sanghiya sambidhan ma jaibik bibidhta ko sanrakshan) . In: *Natural Resources* (Prakritiki Sampada), **5**(8): 11.
- Chaudhary, R.P. and Sharma, L.N. 2011. Conservation of Biodiversity, its sustainable use, and fair and equitable sharing of benefits from biological resources in the Federal Constitution of Nepal (Nepalko sanghiya sambidhanma jaibik bibidhtako snaranshan, digo upyog and jaibin shrotbat sirjit labhko samnayanik badphad). *Environmental Rights and Governance – Resource Book* (Batabaraniya hak tatha sushasansambandhi shrot sangalo, 2067 (Ed.: Narayan Belbase). Forum for Justice (Nayay Manch), Kathmandu (In Nepali).
- Siwakoti, M. and **Chaudhary, R.P.** 2011. Wetland conservation for human survival (In Nepali: Manwiya ashtityako lagi simsar kshetrako sanranshan). *Jeevan*, **13**(25): 104-109.

16.5 Book Review & Foreword Five including

- **Chaudhary, R.P.** 2004. How to control illegal wildlife trade in the Himalayas. A review of the book titled CITES implementation in Nepal and India – Law, Policy and Practice by Ravi Aryal, 2004, Bhrikuti Academic Publications, Kathmandu, Nepal (ISBN: 99933-673-4-6). *Himalayan Journal of Sciences*, **2**(3): 15-16.

16.6 Popular Articles on Science & Technology Twenty five including

- **Chaudhary, R.P.** 1992. Blending of Indigenous Knowledge with Modern Science: A Strategy for Survival. *Science Universal*, **3**(3): 25, 5, 3
- **Chaudhary, R.P.** 1996. Biological and cultural heritage of Khaptad National Park. *Today* (the National and International Magazine), **14**(3): 30-32,44
- **Chaudhary, R.P.** 1997. Biodiversity and Ecotourism in Nepal. *Welcome Nepal* -International Tourism Magazine, **5**(4): 7-12.
- **Chaudhary, R.P.** and Gupta, V.N.P. 1998. Wilderness and Diversity in Makalu-Barun National Park and Conservation Area. *Welcome Nepal* -International Tourism Magazine, **6**(2): 7-12.

16.7 Research Reports Sixteen for organizations in Nepal and abroad.

16.8 Interviews published in national and international magazines about:

- (i) Melting glaciers, (ii) Alternative source of energy, (iii) Environmental justice, (iv) Constitutional rights and natural resources, (v) Conservation of traditional rice landraces