

# Annex 1

---

## Bibliography

- Bangyu, K.; Tan, K. (1996) *Honeybee Genetic Diversity and its Value to Mountain Farming*. Paper presented at an Expert Meeting on Agro-biodiversity in the HKH Region, 11–15 June 1996, Chengdu, China
- Bangyu, K.; Tan, K.; Haiou, K. (1997) *Present Situation and Expectancy of Utilising Honeybees for Pollination in the Mountain Areas of China*, a report submitted to ICIMOD, Kathmandu, Nepal
- Banskota, M. (1992) *Dimensions of Unsustainability in Nepal: Economic Policies for Development*. Manila: Asian Development and Kathmandu: ICIMOD
- Batra, S.W.T. (1995) 'Bees and Pollination in our Changing Environment.' In *Apidology*, 26: 361–370
- Batra, S.W.T. (1997a) 'Bionomics of *Lasioglossum (Euryglossa) matianense* Bluthgen (Hymenoptera: Halictidae), the Predominant Pollinating Bee in Orchards at High Altitude in the Great Himalaya of Garhwal, U.P., India.' In *Proceedings of Entomological Society*, 99: 162–170
- Batra, S.W.T. (1997b) 'Solitary Bees for Orchard Pollination.' In *Pennsylvania Fruit News*, April 1997
- Chauhan, P.S.; Mankotia, M.S. (1998) 'Bioregulators and Mechanical Aids in Pollination and Fruit Set in Temperate Fruit Crops'. In Verma, L.R.; Jindal, K.K. (eds) *Fruit Crops Pollination*, pp 48–58. Ludhiana, India: Kalyani Publishers
- Crane, E. (1976) 'The World Honey Production'. In Crane, E. (ed) *Honey: A Comprehensive Survey*, pp 115–151. Cardiff: IBRA
- Crane, E. (1990) *Bees and Beekeeping: Science, Practice and World Resources*. Oxford: Heinemann Newnes
- Department of Agriculture (1999) *Agricultural Statistics of Balochistan*. Quetta: Government of Balochistan

- Department of Horticulture (1998) *Annual Report*. Shimla: Government of Himachal Pradesh
- Deslauriers, C. (undated) *Producing Apples in Eastern and Central Canada: Pollination*. Agriculture Canada Publication 1899/E. Kentville (Canada): Atlantic Food and Horticulture Research Centre. URL: [http://res2.agr.ca/kentville/pubs1899/i1899\\_e.htm](http://res2.agr.ca/kentville/pubs1899/i1899_e.htm)
- Dulta, P.C.; Verma, L.R. (1987) 'Role of Insect Pollinators on Yield and Quality of Apple Fruit.' In *Indian Journal of Horticulture*, 44:274–279
- Free, J.B. (1964) 'Comparison of the Importance of Insect and Wind Pollination of Apple Trees.' In *Nature*, 201: 726–727
- Free, J.B. (1966) 'The Pollinating Efficiency of Honeybee Visits to Apple Flowers.' In *Journal of Horticultural Science*, 41: 91–94
- Free, J.B. (1993) *Insect Pollination of Crops* (2<sup>nd</sup> edn), pp 684. London: Academic Press
- Gautam, D.R.; Uppal, D.K.; Jindal, K.K. (1994) 'Two New Crab Pollinizer Varieties Evaluated.' In *Horticulture Journal*, 7: 15–22
- Government of Pakistan (1999) *Agricultural Statistics of Pakistan 1998-88* Ministry of Food, Agriculture and Livestock , Economy Wing. Islamabad:. Government of Pakistan
- Government of Tibet Autonomous Region (1997) *Agricultural Census of Tibet*. Lhasa: Government of TAR
- Government of China (1997) *Agricultural Statistics of China*. Beijing: Government of China
- Hafeez, S (ed.) (1998) *Appropriate Farm Technologies for Cold and Dry Zones of the Hindu Kush-Himalayas*. Kathmandu: ICIMOD
- He, Y.; Chen, K.; Xie, J. (1998) *Apple Farmers' Survey on Pollination Problems*, a report submitted to ICIMOD, Kathmandu, Nepal
- High Value Agriculture Ltd (1998) *The Crisis facing Bhutan's Apple Producers*, a report submitted to REID, MOA, Royal Government of Bhutan and UNDP
- ICIMOD (1998) *Promotion and Development of Beekeeping through Preservation of Indigenous Apis cerana*, a report submitted to the Federal Chancellery of Austria.
- Jasra, A.W.; Ashfaq, S.; Kasi, M.A.; Sharif, M. (2000) *Apple Pollination Problems in Balochistan, Pakistan*, a report submitted to ICIMOD, Kathmandu, Nepal
- Jodha, N.S.; Shrestha, S. (1993) 'Sustainable and More Productive Mountain Agriculture: Problems and Prospects'. In *Mountain Environment and Development –Part 3 (Thematic Papers)*, pp 1-65. Kathmandu: ICIMOD
- Khan, D.A. (1998) *Agriculture Research Master Plan: Horticulture Component*, a report submitted to Government of Azad Jammu and Kashmir, Pakistan

- Koirala, G.P.; Thapa, G.B. (1997) *Food Security Challenges: Where does Nepal Stand?* (Research Report Series No. 36). Kathmandu: HMG, Nepal and WINROCK International
- Mayer, D.F.; Johansen, C.A.; Lunden, J.D. (1985) 'Bee Pollination of Fruit Trees'. In *Pollination and Fruit Set: Proceedings of the Short Course, Good Fruit Grower, Washington*
- McGregor, S.E. (1976) *Insect Pollination of Cultivated Crop Plants*. Washington, DC: United States Department of Agriculture
- McGregor, S.E. (2002) *Insect Pollination of Cultivated Crop Plants*, continuously updated version of book published in 1976 by US Department of Agriculture. URL: <http://bee.airroot.com/beeculture/book>
- Ministry of Agriculture, HMGN (1999) *Statistical Information on Nepalese Agriculture 1998/99*. Kathmandu: His Majesty's Government of Nepal, Agricultural Statistical Division
- Ministry of Agriculture, RGB (1999). *Agricultural Statistics of Bhutan*. Thimphu: Royal Government of Bhutan
- Morse, R.A.; Calderone, N.W. (2000) *The Value of Honey Bees as Pollinators of US Crops in 2000*. URL: <http://bee.airroot.com/beeculture/pollination2000>
- Nadda, A.L.; Tiwari, S.C. (1998) 'Economics of Apple Pollination by Honeybees in Himachal Pradesh'. In Verma, L.R.; Jindal, K.K. (eds) *Fruit Crops Pollination*, pp 393–400. Ludhiana, India: Kalyani Publishers
- National Horticulture Board (1998) *Annual Report*. New Delhi: Government of India
- Partap, T. (1995) *High Value Cash Crops in Mountain Farming: Mountain Development Processes and Opportunities*, Mountain Farming Systems' Discussion Paper Series No. MFS 95/1. Kathmandu: ICIMOD
- Partap, T. (1998) 'Agricultural Sustainability Challenges in Upland Areas of Semi Arid and Humid Asia.' In: *Proceedings of the Study Meeting on Sloping Land Agriculture and Natural Resources Management*, pp 39–84. Tokyo: Asian Productivity Organisation
- Partap, U. (1997) *Bee Flora of the Hindu Kush-Himalayas: Inventory and Management*. Kathmandu: ICIMOD
- Partap, U. (1998) 'Successful Pollination of Apples in Himachal Pradesh.' In *Beekeeping and Development*, 48: 6–7
- Partap, T. (1999) 'Sustainable Land Management in Marginal Mountain Areas of the Himalayan Region.' In *Mountain Research and Development*, 19: 251–260
- Partap, U.; Partap, T. (1997) *Managed Crop Pollination: The Missing Dimension of Mountain Agricultural Productivity*, Mountain Farming Systems' Discussion Paper Series No. MFS 97/1. Kathmandu: ICIMOD

- Partap, U.; Partap, T. (2000) 'Pollination of Apples in China.' In *Beekeeping and Development*, 54: 6–7
- Partap, U. and Partap, T. (2001) *Declining Crop Production and Worried Himalayan Farmers: Solution Lies in Promoting Honeybees for Pollination*, Issues in Mountain Development Series 2001/1. Kathmandu: ICIMOD
- Partap, U.; Verma, L.R. (1992) 'Floral Biology and Foraging Behaviour of *Apis cerana* on Lettuce Crop and its Impact on Seed Production.' In *Progressive Horticulture*, 24: 42–47
- Partap, U.; Verma, L.R. (1994) 'Pollination of Radish by *Apis cerana*.' In *Journal of Apicultural Research*, 33: 237–241
- Ptacek, V. (2000) *Some Biological Aspects of Bumble Bee (Bombus, Hymenoptera) Management*. Paper presented at the Eighth International Pollination Symposium, 10–14 July 2000, Mosonmagyaróvár, Hungary
- RGOB (1996). Eighth Five Year Plan Document of RGOB (1997-2002) Thimphu: RGOB
- Schilde, M.J.; Bourgo, A.B. (1998) *Apple Orchard Management*, a report submitted to USAID and WINROCK International
- Sekita, N. (2000) *Managing Osmia cornifrons to Pollinate Apples in Aomori Prefecture, Japan*. Paper presented at the Eighth International Pollination Symposium, 10–14 July 2000, Mosonmagyaróvár, Hungary
- Sharma, H.R. (1996) *Mountain Agricultural Development Processes and Sustainability: Micro-level Evidence from Himachal Pradesh, Indian Himalayas*, MFS Discussion Paper Series MFS 96/2. Kathmandu: ICIMOD
- Sikka, B.K.; Saraswat, P.S. (1992) *Socio-economic Survey of an Affluent Village in Himachal Pradesh: A Study of Kiari in Shimla District*. Shimla: Agro-economic Research Centre, Himachal Pradesh University
- Smith, M.V.; Bradt, O.A. (undated) *Fruit Pollination*, Publication No. 172. Toronto: Ontario Department of Agriculture and Food
- Stanisavljevic, L.J.; Krunic, M.; Brajkovic, M.; Tomanovic, Z. (2000) *The Study of Accompanying Fauna of Osmia cornuta (Latr.) Populations in Yugoslavia*. Paper presented at the Eighth International Pollination Symposium, 10–14 July 2000, Mosonmagyaróvár, Hungary
- Toderia, R. (2000) 'Apple Farming in Himachal Pradesh Exploited on all Sides: Farmers are in Loss and Commission Agents Benefiting a lot' (in Hindi). (*Himachal Pradesh mein Chutarfa Shoshan se Ghiri Hai Seb ki Baghbani*). In *Amar Ujala Daily*, 10 August 2000, p 1)
- Verma, L.R. (1993) 'Declining Genetic Diversity of *Apis cerana* in Hindu Kush-Himalayan Region'. In Connor, L.J.; Rinderer, T. E.; Allén-Sylvester, H.; Wongsiri, S. (eds) *Asian Apiculture*, pp 81-88. Cheshire, Connecticut, USA: Wicwass Press

- Verma, L.R. (ed) (2000). *Natural Resources and Development in Himalayas*. New Delhi: Malhotra Publishing House.
- Verma, L.R.; Chauhan, P. (1985) 'Distribution, Abundance and Diversity of Insect Pollinators in Apple Orchards of Shimla Hills.' In *Indian Journal of Ecology*, 12: 286-292
- Verma, L.R.; Jindal, K.K.; Chandel, J.S. (1997) 'Chapter 5: Apple'. In Verma, L.R.; Jindal, K.K. (eds) *Fruit Crops Pollination*, pp 61-93. Ludhiana, India: Kalyani Publishers
- Verma, L.R.; Jindal, K.K. (1997) *Fruit Crops Pollination*. Ludhiana, India: Kalyani Publishers
- Verma, L.R.; Mattu, M.K.; Rana, R.S.; Dulta, P.C. (1990) *Foraging Activity of Apis cerana F. and Apis mellifera L. on Apple Bloom*. Paper Presented at 11<sup>th</sup> International Congress of International Union for Studies on Social Insects (IUSSI), Bangalore, India
- Verma, L.R.; Partap, U. (1993) *The Asian Hive Bee, Apis cerana, as a Pollinator in Vegetable Seed Production*. Kathmandu: ICIMOD