

REFERENCES

- Ahluwalia, K. S. 1964. Medicinal plants of Jamnagar 1. Nagarjun, 73.
- Ahluwalia, K. S. 1965. Medicinal plants of Jamnagar 2. Nagarjun, 74.
- Andrewartha, H. G. & L. C. Birch. 1954. The distribution and abundance of animals. Chicago University Press, Chicago.
- Anjaria, K. B. 2002. Floristic studies of Anand District. Ph.D. Thesis. Sardar Patel University, Vallabh Vidyanagar.
- Ansari, R. & N. P. Balakrishnan. 1994. The family Eriocaulaceae in India. Bishen Singh Mahendra Pal Singh, Dehra Dun.
- Baur, B. et. al. 1996. Variation in species richness of plants and diverse groups of invertebrates in three calcareous grasslands of the Swiss Jura Mountains. *Revue suisse de zoologie*. 103(4), 801-833.
- Beddome, R. H. 1868-1874. *Icones Plantarum Indiae Orientalis*. Gantz Brothers, Madras.
- Bedi, S. J. 1969. The flora of Ratanmahal hills in Panchmahals. Ph.D. Thesis, The Maharaja Sayajirao University of Baroda, Vadodara.
- Benson, D. and J. Howell. 1994. The natural vegetation of the Sydney 1:100,000 map sheet. *Cunninghamia*. 3(4), 677-1004.
- Bentham, G. and Hooker J. D. *Genera Plantarum*, Vols. 1-3. L. Reeve & Co., London: 1862-1883.
- Bhatt, D.C., S.K. Mehta and K.D. Mitaliya. 1999. Ethnomedicinal Plants of Shetrunjaya Hill of Palitana, Gujarat.
- Bhatt, J.B. 1993. Studies on the Flora of Western Kachchh. Ph.D. Thesis, The Maharaja Sayajirao University of Baroda, Vadodara.
- Bhatt, M.P. 1987. A contribution to the flora of Navsari area with special reference Ethnobotany. Ph.D. Thesis, South Gujarat University, Surat.
- Bhatt, R. G. 1975. A contribution to the floristics and phytosociology of the Panchmahal districts in Gujarat. Ph.D. Thesis, The Maharaja Sayajirao University of Baroda, Vadodara.
- Bhatt R P. 1969. A contribution to the vegetation and flora of Khedbrahmaregion in North Gujarat. *Bull. Bot. Surv. India* 2(3-4): 311-321.
- Bhatt, R. P. Studies of the flora and vegetation of Khedbrahma region In North Gujarat with a chromosome number and karyotype of some taxathere in Ph. D. Thesis. 1970.
- Bhatt R P. 1971. Studies on the flora and vegetation of Khedbrahma region in North gujarat with a note on the chromosome number and karyotype of some taxa therein. Ph.D. Thesis, The Maharaja Sayajirao University of Baroda, Vadodara.
- Bhatt, R.P., Bedi S.J., and Sabnis S.D. 1971. Botanical explorations of the gora range of Rajpipla forest, Gujarat state. *Ind. For.* 98(8): 477-486.
- Bhatt, R.P. & Sabnis, S.D. 1975. The forest vegetation and phytogeography of Khedbrahma region in North Gujarat. *Botanique* 6: 37-48.
- Blatter E. & C. McCann, 1935. Scientific Monograph of The Bombay Grasses. Published for Imperial Council of Agricultural Research, Delhi. Pp-324.
- Blatter E.J. and McCann, C. 1926-1935. Revision of the Flora of Bombay Presidency. *J. Bombay Nat. Hist. Soc.* 35: 20-45.
- Bole, P.V. and Pathak, J.M. 1988. Flora of Saurashtra. Part II & III. Botanical Survey of India, Calcutta: 545.

- Bridson, D. & Forman, L. 1992. The herbarium handbook. Royal Botanic Gardens, Kew, London.
- Brummitt RK. 1992. Vascular plants families and genera. Royal Botanical Garden, Kew.
- Brummit, R. K. & C. E. Powell. 1992. Authors of Plant Names. Royal Botanic Gardens, Kew (Repr. 2001).
- Brummit, R. K., 1992. Vascular Plant Families & Genera. Royal Botanic Gardens, Kew (Repr. 2001).
- Budiansky, S. 1995. Chaos in Eden. *New Scientist*. 148: 32-36.
- Caley, M.J. & D. Schluter. 1997. The relationship between local and regional diversity. *Ecology*, 78(1): 70-80.
- Champion, H.G. 1936. A preliminary survey of the forest types of India and Burma. *Indian Forest Record (New Series)* 1: 1-286.
- Champion, H.G. and Seth S.K., 1968. A revised survey of the forest types of India. Manager of Publications, Delhi.
- Chatterjee, D. 1940. Studies on the endemic flora of India and Burma. *J.Roy. Asiat. Soc. Bengal (N.S.)* 5: 19-67.
- Chaudhari, M.M. 1959. Village Plants (In Gujarati).
- Chavan, A. R., Bedi S.J. & Sabnis, S.D., 1961. Flora of Gujarat-I. Contribution to the Flora of Devgadh hills, DevgadhBaria. *Journ. M.S. Uni. Baroda*. 10(3): 43-57.
- Chavan, A. R. & S. D. Sabnis 1961. Cyperaceae of Dangs forest, Gujarat State. *Ind. For.* 190-192.
- Chavan, A. R. & S. D. Sabnis 1963. Cyperaceae of Gujarat-2, observation on the Cyperaceae of some places in North, Central & South Gujarat, Jr. of M. S. U. of Baroda: 11-20.
- Chavan, A. R. & S. D. Sabnis 1967. Cyperaceae of Dangs forest, .*Indian Forester*. 93: 190-193.
- Chavan, A. R. & G. M. Oza. 1966. The Flora of Pavagadh Hill (Gujarat State, India) M. S. University Baroda,
- Chavan, S. A. 1993. Vegetational and wildlife studies in Gir. Ph.D. Thesis, The Maharaja Sayajirao University of Baroda, Vadodara.
- Christensen, N.L, Bartuska, A.M., Brown, J.H., Carpenter, S., D'Antonio, C., Francis, R., Franklin, J.F., MacMahon, J.A., Noss, R.F., Parsons, D.J., Peterson, C.H., Turner, M.G. and Woodmansee, R.G. 1996. The report of the Ecological Society of America committee on the scientific basis for ecosystem management. *Ecological Applications*. 6(3): 665-691.
- Clarke, K. R. 1993. Non-parametric multivariate analyses of changes in community structure. *Aust. J. Ecol.* 18, 117-143.
- Contractor, G. J. 1986. Floristic phytosociology and ethnobotanical study of Vapi and Umargaon area in South Gujarat
- Cooke, T. 1901-1908. The Flora of the presidency of Bombay. London. 2 vol. (Repr. ed. 1958. BSI, Calcutta. 3 vol.).
- Dabgar, P. J. 2012. A Contribution to The Flora of Wadhwana Wetland, Dabhoi Taluka (Gujarat) India. *Bioscience Discovery* 3(2): 218 -221, June 2012.
- Dalzell N. A. & A. Gibson. (1861).The Flora of Bombay 2 Vols. Bombay Education Society Press.
- Dastur, R. H. & W. T. Saxton. 1922. Ecology of plant communities in the Savannah formation of Gujarat. *J. Indian Bot. Soc.* 2: 35-50.
- Desai, M. J. 1976. A contribution to the flora of Bansda forests.
- Desai R. J. 2013. Studies on Sedges & Grasses of South Gujarat. Ph. D. Thesis submitted to The M. S. Uni.of Baroda, Vadodara, Gujarat.

- Desai R. J. & V. M Raole. 2010. *Fuirena wallichiana* Knuth. (Cyperaceae): New report for Gujarat state. Indian forester. 136 (5): 692-693.
- Desai R. J. & V. M. Raole 2012. Further contribution to the grass flora of Gujarat. Indian Forester.
- Desai R. J. & V. M. Raole 2012. Contribution to the sedge & grass flora of Gujarat. Indian Forester.
- Desai R. J. & V. M. Raole 2012. *Glyphochloa* Clayton, 1981(Monocotyledons, Poaceae, Andropogoneae) – A New Generic Record for Gujarat State, India. Checklist Journal.
- Desai R. J. & V. M. Raole, 2011. Addition to the grass flora of Gujarat state. Indian Forester. 137 (1): 125-128.
- Desai R. J. & V. M. Raole. 2012. *Spodiopogon aristatus*, a new species of Poaceae from Gujarat India, Kew Bull. 67: 1 – 5
- Desai R. J., Raole V. M. & A. Arya 2009. Comparative Foliar Epidermal Studies in *Coix lacryma-jobi* L. & *Coix aquatica* Roxb. (Poaceae). Not. Sci. Biol. 1 (1): 17-24
- Dixit, S. C. 1940. A list of plants collected from the river bed at Malsar. J. Gujarat Res. Soc. 2: 254.
- Egbert S. L, Park S, Price K. P, et al. 2002. Using conservation reserve program maps derived from satellite imagery to characterize landscape structure. Comput Electron Agric 37:141–56.
- FSI (Forest Survey of India). 2013. Annual report 2012-13.
- Gadgil, M. and Meher-Homji, V.M. 1986, Role of protected areas in conservation In: V. L. Chopra and T. N. Khoshoo ed. Conservation of Productive Agriculture, Indian Council of Agricultural Research, New Delhi. pp. 143-159
- Gadgil, M. and Meher-Homji, V.M. 1986 Localities of great significance to conservation of India's biological diversity Proceedings of the Indian Academy of Sciences, Animal / Plant Sciences Supplement, pp. 165-180.
- Gamble, J. S. & Fischer, C.E.C. 1915-1936. Flora of the Presidency of Madras. 11 parts. Adlard& Sons Ltd., London.
- Garcia de Orta, 1565. *Coloquois dos simples e drogas he cousas medicinais da India*. Goa
- Gaston, K.J. 1996. Biodiversity: A Biology of Numbers and Difference. Blackwell Science Ltd. Oxford, UK. p.396.
- Ghilarov, A. 1996. What does 'biodiversity' mean - scientific problem or convenient myth? Tree. 11(7), 304-306.
- Gohil, T. G. 2006. A new record for flora from Pardi taluka and one new distributional record from Gandevi and Chikhali taluka in Navsari district. J. Econ. Taxon. Bot., 30 (3): 583-584.
- Gohil, D. 2013. In-depth studies on some of the floristic components of Baroda and Panchmahal districts with reference to bioprospecting and speciation. Ph. D. Thesis submitted to The M. S. Uni.of Baroda, Vadodara, Gujarat.
- Gohil, T. G. & D. D. Patel. 2006. New records for Gujarat state from Dharampur forests of Valsad district in South Gujarat. J. Econ. Taxon. Bot., 30 (3): 715-716.
- Gopal, G. V. 1983. Ethnobotanical studies in the forest areas of some parts of Gujarat. Ph. D. thesis, S.P. University, Vallabh Vidyanagar.
- Greuter, W., J. Mcneill, F. R. Barrie, H. M. Burdet, V. Demoulin, T. S. Filgueiras, D. H. Nicolson, P. C. Silva, J. E. Skog, P. Trehane, N. J. Turland and D. L. Hawksworth (editors & compilers). 2000. International code of botanical nomenclature (St Louis Code) adopted by the Sixteenth International Botanical Congress St. Louis, Missouri, July - August 1999. *Regnum Veg.* Vol 138.

- Groombridge, B. 1992. Global Biodiversity: Status of the Earth's Living Resources. Compiled by the World Conservation Monitoring Centre. Chapman & Hall, London. p. 594.
- Hajra, P. K. & Mudgal V. Plant diversity hotspots in India – An overview. BSI India 1997.
- Harper, J. L. & D. L. Hawksworth. 1994. Biodiversity: Measurement and estimation. Preface. *Phil. Trans. Roy. Soc., Lon.* 345: 5-12
- Harshberger, J. W. 1896. The purposes of ethnobotany. *Bot Gaz.* 21:146–154.
- He C, Zhang Q, Li Y, et al. 2005. Zoning grassland protection area using remote sensing and cellular automata modeling—a case study in Xilingol steppe grassland in northern China. *J Arid Environ* 63:814–26.
- Heywood, V. H. 1994. The measurement of biodiversity and the politics of implementation. In: Forey, P. L., C. J. Humphries & R.I. Vane-Wright P.L. Forey, C. J. Humphries & R. I. Vane-Wright(ed.) Systematics and conservation evaluation. Systematics Association special Vol. No. 50. Oxford: Clarenden Press, London. 15-22.
- Hodd, T. & P. Hodd. 1982. Grasses of Western India. Bombay Natural History Society.
- Hooker, J. D. 1872-1897. The Flora of British India, Vol. I-VII. Reeve & Co., London.
- Hooker, J. D. 1904. A sketch of the Flora of British India. Reeve & Co., London.
- Hooker, J. D. 1907. The Flora of The Gangetic Plains. Reeve & Co., London.
- Hutchinson, J. 1926. The families of flowering plants - I. Macmillan & Co. Ltd., London.
- Hutchinson, J. 1934. The families of flowering plants - II. Macmillan & Co. Ltd., London.
- Hutchinson, J. 1956. The families of flowering plants -Vol I & II (ed. 2). Clarendon Press, Oxford.
- Hutchinson, J. 1973. The families of flowering plants - II Monocotyledons (ed.3). Clarendon Press, Oxford.
- Inamdar J. A. 1968. A preliminary survey of the flora of Dharampur forests in Gujarat. *Bull. Bot. Surv. India.* 10: 126-132.
- Irwin, S. J. & D. Narsimhan. 2011. Endemic genera of Angiosperms in India: A Review. *Rheedia.* 21(1): 87-105.
- Jadeja, B. A. 1999. Plants used by the tribe Rabri in Barda Hills of Gujarat. *Ethnobotany* 11: 42-46.
- Jain S. K. & D. K. Banerjee. 1974. Preliminary observations on the ethnobotany of the genus *Coix*. — *Econ. Bot.* 28: 38-42.
- Jain S. K. 1963. The vegetation of Dangs district in Gujarat. *Bull. Bot. Sur. Ind.* 5 (3&4): 351-361.
- Jang J-D, Bartholome' E, Viau AA, et al. 2006. Neural network application for cloud detection in SPOT VEGETATION images. *Int J Remote Sens* 27:719–36.
- Jodhani, M. L. 1958. Forest Plants (In Gujarati).
- Jones V. 1936. The vegetal remains of Newt Kash Hollow Shelter. In: Webb WS, Funkhouser WD, editors. Rock-Shelters in Menifee County, Kentucky. University of Kentucky Reports in Anthropology and Archaeology 3; 147–165.
- Joshi J. V. 1980. A study of the flora of Surat& its environs. Ph. D. Thesis submitted to The M. S. Uni.of Baroda, Vadodara, Gujarat.
- Joshi, K. I. 1994. Floristic, phytosociological Cambay taluka and ethnobotanical study of Cambay taluka. Ph.D. Thesis, Sardar Patel University, VallabhVidyanagar.
- Karatela, Y. Y. 1973, A contribution to the floristics and phytosociology of the Chhotauddepur forest division in Gujarat State. Ph.D. Thesis, Sardar Patel University, VallabhVidyanagar.
- Karthikeyan, S. 2009. Flowering Plants of India in 19th and 21st Centuries – A Comparison. In: Krishnan, S. & D.J. Bhat (Ed.), *Plant and Fungal Biodiversity and Bioprospecting*. Broadway Book Centre, Goa. pp. 19 – 30.

- Karthikeyan, S. & B. D. Sharma, 1983. A Catalogue of species added to Gamble's Flora of the Presidency of Madras. *J. Bombay. Nat. Hist. Soc.* 80: 63-79.
- Karthikeyan, S., Jain, S. K., Nayar, M. P. and M. Sanjappa, 1989. *Florae Indicae Enumeratio: Monocotyledonae. Fl. India ser. 4, 1-435.* BSI, Calcutta.
- Khanchandani 1970. Working plan for Dangs forests, Vol. I &II. Govt. Press Baroda.
- Lal, R. 1991. Soil conservation and Biodiversity. In: Hawksworth, D.L (ed.), *TheBiodiversity of Microorganisms and Invertebrates: its role in sustainable agriculture.* CAB International, Wallingford. p. 89-104.
- Lal, J. B. 1989. India's Forest Myth and Realities. Natraj Publications, Dehradun.
- Lambin E. F., B. L. Turner, J. Helmut et al. 2001. The causes of land-use and land-cover change: moving beyond the myths. *Glob Environ Chang* 11:261-9.
- Langley S. K., H. M. Cheshire, KS Humes. 2001. A comparison of single date and multitemporal satellite image classifications in a semi-arid grassland. *J Arid Environ* 49:401-11.
- Mac, R.N., 1986. A contribution to the flora of Surat district. Ph.D. Thesis, South Gujarat University, Surat.
- Magurran, A. E. 1988. *Ecological Diversity and Its Measurement.* Croom-Helm. London. p.179.
- Maheswari, J. K. 1963. The Flora of Delhi, Council of Scientific and Industrial Research, New Delhi.
- Manilal, K. S. 1996. *Hortus Malabaricus & Itty Achuden: A Study on the Role of Itty Achuden in the Compilation of Hortus Malabaricus (in Malayalam),* Mentor Books, Calicut/P.K. Brothers, Calicut.
- Malhotra, S. K. & B.M. Wadhwa. 1973. Studies on the Botany of Jamnagar District. *M.V.K. Patrika* 8(2): 3-23.
- Mallet, J. 1996. The generics of biological diversity: from varieties to species. pp. 13-53 in: Gaston, K.J (ed.) *Biodiversity: A Biology of Numbers and Difference.* Blackwell, Oxford.
- Margules, C. R., Usher, M.B., 1981. Criteria used in assessing wildlife conservation potential: a review. *Biological Conservation* 21, 79-109.
- Matthew, K. M. 1981. Materials for a flora of Tamil Nadu Carnatic. Rapinat Herbarium, Thiruchirapally, Tamil Nadu.
- Matthew, K. M. 1983. Flora of Tamil Nadu Carnatic, Vol. 2. Part 1 & 11. Rapinat Herbarium, Tiruchirapally, Tamil Nadu.
- McNeely, J. A., K.R. Miller, W.V. Reid, R.A. Mittermeier, & T.B. Werner, 1990. *Conserving the World's Biological Diversity.* World Resources Institute, Washington, D.C.; World Conservation Union, Gland, Switzerland; World Bank, Washington, D.C.; World Wildlife Fund, and Conservation International, Glands, Switzerland.
- Meena S. L. & R. P. Pandey 2004. A reassessment of the phytodiversity of Gujarat state: Floristic composition & floristic analysis, vegetation, threatened & rare taxa & their conservation strategies. *J. Econ. Taxon. Bot.* 28(4): 867-894.
- Meena S. L. 2004. Two new records of *Fimbristylis* (Cyperaceae) for Gujarat, India. *J. Econ. Taxon. Bot.* 28(2): 389-391.
- Meher-Homji, V. M. 1972. Himalayan plants on South Indian hills: Role of Pleistocene glaciation vs. long distance dispersal. *Sci. Cult.* 38:8-12.
- Mehta, 1997. Taxonomical Study of Angiosperms of Palitana.
- Menon, A. R. R. 1979. Floristics and phytosociological studies of some parts of Saurashtra. Ph.D. Thesis. Sardar Patel University, VallabhVidyanagar.

- Mittermeier, R.A. 1988. Primate diversity and tropical forest: case studies from Brazil and Madagascar and the Importance of the megadiversity countries. In: Wilson, E.D. and Peter, F.M. (ed.) *Biodiversity*. National Academic Press, Washington, D.C.: 145-154.
- Mittermeier, R. A. and T. B. Werner. 1990. Wealth of plants and animals unites "megadiversity" countries. *Tropicus* 4(1): 1, 4-5.
- Mittermeier, R. A. et al. 1997. *Megadiversity: Earth's Biologically Wealthiest Nations*. CEMEX, Mexico City, Mexico.
- Mittermeier, R. A. et al. 2004. *Hotspots Revisited: Earth's biologically Richest and Most Endangered Ecoregions*. CEMEX, Mexico City, Mexico.
- MOEF (Ministry Of Environment and Forest, India) 2013. Annual report 2012-13.
- Mohan Ram H. Y. 2005. On the English edition of Van Rheede's *Hortus Malabaricus* by K. S. Manilal (2003). *Current Science*, Vol. 89, No. 10.
- More P. G., 1972. Flora of Parnera hills. PhD Thesis, Sardar Patel University, Vallabh Vidyanagar.
- Moritz, C. 1994. Defining "Evolutionary significant Units" for conservation. *TREE*. 9, 373-375
- Myers, N. 1988. Threatened biotas: 'hotspot' in tropical forests. *The Environmentalist* 8(3): 187-208.
- Myers, N. 2000. The new millennium: An ecology and an economy of hope. *Curr. Sci.* 78: 686-693.
- Myers, N. et al. 2000. Biodiversity hotspots for conservation priorities. *Nature* 403: 853-858.
- Naeem, S., Thompson, L.J., Lawler, S.P., Lawton, J.H., and Woodfin, R.M. 1994. Declining biodiversity can alter the performance of ecosystems. *Nature*. 368, 219-224.
- Nagar P. S. 2000. Biodiversity of the Barda Hills. Ph.D. Thesis. Saurashtra University, Rajkot.
- Nagar P. S. 2008. Medicinal Plants of Saurashtra, Gujarat. Bishen Singh Mahendra Pal Singh. Dehradun, India.
- Nagar P. S. and S. M. Pandya, 2003. Floristic Diversity of the Barda Hills and Their Surroundings, Saurashtra (Gujarat), India, *Journal of Economic and Taxonomic Botany*, Vol. 27, 1166-1180.
- Nairne, A. K. 1894. *The Flowering Plants of Western India*. London.
- Nayar, M. P. 1980. Endemic flora of Peninsular India and its significance. *Bull. Bot. Surv. India* 22: 12-13.
- Nayar, M. P. 1982. Endemic flora of Peninsular India and its significance. *Bull. Bot. Surv. India* 19 (1-4): 145-155.
- Nayar, M. P. 1996. Hotspots of endemic plants of India, Nepal and Bhutan. Tropical Botanical Garden and Research Institute, Trivandrum.
- Nirmal kumar et al., 2007. Studies on plant species used by tribal communities of Saputara and Purna forests, Dangs district, Gujarat. *Indian J. Trad. Knw.* Vol. 6(2): 368-374.
- Noble I. R, Dirzo R. 1997. Forests as human-dominated ecosystems. *Science*, 277: 522-525.
- Nordberg M. L. & J. Evertson 2003. Vegetation index differencing and linear regression for change detection in a Swedish mountain range using Landsat TM and ETM+ imagery. *Land Degradation & Development* 16:139-149.
- Norse, E. A. (ed.) 1994. *Global marine biological diversity: a strategy for building conservation into decision making*. Island Press, Washington. Mallet, J. 1996. The

- generics of biological diversity: from varieties to species. pp. 13-53 in: Gaston, K.J (ed.) *Biodiversity: A Biology of Numbers and Difference*. Blackwell, Oxford.
- Noss, R. F. 1990. "Indicators for monitoring Biodiversity: A Hierachial Approach." *Conser. Biol.* 4 (4): 355-364.
- Noss, R. F. 1996. Ecosystems as conservation targets. *TREE*. 11, 351
- Orians, G. H. & M. J. Groom 2005. Global Biodiversity: Patterns and Processes. In: Groom, M. J., Meffe, G.K. & R.C. Carroll (Ed.), *Principles of Conservation Biology*. Sinauer Associates, Inc. Publ., Massachusetts. pp. 27 – 60.
- Oza, A. R. 1991. Taxonomical and ecological studies of the flora of and around Bhavnagar. Ph.D. Thesis. Saurashtra University, Rajkot.
- Padte, S.N. 1973. Studies on the flora and vegetation of Savli Taluka. Ph.D. Thesis. The M. S. University of Baroda.
- Palin, C. T. 1880. A list of Plants of Kutch, Bombay Gazetteer. Vol. 5
- Padhye, P. M. 2001. Addition to flora of Gujarat- II. *J. Econ. Taxon. Bot.*, 25 (3): 623-625.
- Padhye, P. M. 2002. Addition to flora of Gujarat- III. *J. Econ. Taxon. Bot.*, 26 (2): 505-508.
- Pandey, R. P. & P. M. Padhye. 1997. Addition to flora of Gujarat- I. *J. Econ. Taxon. Bot.*, 21 (1): 103-106.
- Pandey, R. P. & P. M. Padhye. 2005. Addition to flora of Gujarat- IV. *J. Econ. Taxon. Bot.*, 29 (2): 346-351.
- Pandey, R. P. & P. M. Padhye. 2006. Addition to flora of Gujarat- V. *J. Econ. Taxon. Bot.*, 26 (2): 603-608.
- Pandey et al., 2005. Medicinal Plants of Gujarat. GEER foundation, Gujarat, India.
- Parabia M. 1974. A contribution to the Cyperaceae of Gujarat State (Floristics, trichomes, glume, anatomy & Palynology). Ph. D. Thesis, Submitted to S. P. University, Vallabh Vidyanagar, Gujarat.
- Patel, R. M. 1971. Flora of Valsad, Ph.D. Thesis, Sardar Patel University, VallabhVidyanagar, Gujarat.
- Patil, S. N. 1980. Floristic studies on urban vegetation of Baroda and its environs. Ph.D. Thesis, The Maharaja Sayajirao University of Baroda, Vadodara.
- Peter Raven. 1992. Global Biodiversity Strategy: The Nature and Value of Biodiversiy- WRI, IUCN, UNEP. P.1-5.
- Pradeepkumar, G. 1998. Phytosociological studies on Shoolpaneshwar wildlife sanctuary. PhD thesis, The Maharaja Sayajirao University of Baroda, Vadodara.
- Punjani, B. L. 1997. An ethnobotanical study of tribal areas of Sabarkantha (North Gujarat) PhD thesis, North Gujarat University, Patan.
- Puri, G. S and Jain, S.K. 1960. Distribution patterns of some plants of the Deccan Traps. Memo. Indian Bot. Soc. 3: 17-21.
- Puri, G. S., Meher-Homji, V.N. Gupta, R. K. and Puri, S. 1983. *Phytogeography and Forest conservation*. Vol I. Oxford and IBH, New Delhi.
- Raghavan. R. S., B. M. Wadhwa, M. Y. Ansari, & R. S. Rao. 1981. A Checklist of Plants of Gujarat. *Rec. Bot. Surv. India*.
- Raizada, M. B. 1967. A critical note on the correct identity of *Ipomeagracilina* Prain. *Ind. For.* 93(4): 225-227.
- Rao, T.A. 1968-74. Ecological studies of Saurashtra coast and neighbouring islands. *Bull. Bot. Surv. India* 9: 79-87.
- Rao, K.S.S. 1981. Flora of South Eastern Kachchh. PhD thesis, The Maharaja Sayajirao University of Baroda, Vadodara.
- Raole, V. M. 1993. Studies on endemic taxa. Ph.D. thesis, The Maharaja Sayajirao University of Baroda, Vadodara.

- Raole V. M. & R. J. Desai 2008. *Desmostachya pingalaiae* sp. nov. from Gujarat, India. *Nor. J. Bot.* 26 (3-4): 196-198.
- Raole V. M., R.J. Desai & J. F. Veldkamp, 2011. *Ischaemum sayajiraoi*, a new species of Poaceae from Gujarat, India. *Kew Bulletin*, 66: 303–306.
- Raole V. M. & R.J. Desai 2009. Epidermal studies in some members of Andropogoneae (Poaceae). *Not. Bot. Hort. Agrobot. Cluj.* 37(1): 59- 64.
- Raole, V. M. & Desai, R. J. 2009. Comparative Foliar Epidermal Studies in *Desmostachya* L. Species, Family Poaceae *Not. Bot. Hort. Agrobot. Cluj* 37 (2), 47-51.
- Reddy, A. S. 1987. Flora of Dharampur forests. Thesis submitted to the Sardar Patel University, Vallabhvidyanagar.
- Rheede tot Draakenstein, H. A. van, 1678-1703: *Hortus Indicus Malabaricus*. Vols. 1-12. Amsterdam (Repr. ed., 1983. Dehra Dun).
- Rodgers, W. A. and H.S. Panwar, 1988. Planning a Wildlife Protected Area Network in India. Vol. I & II. Wildlife Institute of India, Dehra Dun.
- Rodgers, W. A., H. S. Panwar and Vinod B. Mathur 2002. Wildlife Protected Area Network in India: A Review (Executive Summary), Wildlife Institute of India, Dehradun.
- Sabnis S. D. 1967. A study of the flora & vegetation of Baroda & Environs including an account on Cyperaceae of Gujarat. Ph.D. Thesis, Submitted to The Maharaja Sayajirao university of Baroda.
- Santapau, H. & Z. Kapadia. 1966. The Orchids of Bombay. Government of India Publication, Calcutta.
- Santapau, H. 1955. Contribution to the botany of of Dangs Forest in Gujarat, *J. Guj. Res. Soc.* 10:204-320, 1954 and 17: 1-59, Saxton, W.T. & L.J. Sedgwick. 1918. Plants of Northern Gujarat. *Rec. Bot. Surv. India.* 9: 251-262.
- Santapau, H. 1962. The Flora of Saurashtra I. Ranunculaceae to Rubiaceae. Saurashtra Research Society, Rajkot.
- Santapau H. & G. L. Shah 1965 Further Contribution to the Botany of Dangs Forest, Gujarat. *J.BNHS.* 62(2): 201-210.
- Shah, G. L., Menon, A.R., Gopal, G.V. 1981. An account of the ethnobotany of Saurashtra in Gujarat state. *J. Econ. Tax Bot,* 29: 173.
- Shah, G. L. & B. Suryanarayana. 1968. On the occurrence of *Eriolaena Stocksii* in Bombay. *Indian For.* 94: 894-896.
- Shah G. L. & B. Suryanarayana. 1969. Further contribution to the flora of Dangs forest in Gujarat. *Bull. Bot. Sur. Ind.* 11(3 & 4): 290-300.
- Shah, G. L. 1978. Flora of Gujarat. Part I & II. Sardar Patel University, VallabhVidyanagar. p. 1074.
- Sharma, B. D., S. Karthikeyan & N. P. Singh, 1996. Flora of Maharashtra State: Monocotyledones. BSI, Kolkata.
- Simpson, E. H. 1949. Measurement of Diversity. *Nature* 163: 688.
- Simpson, M. G. 2009. Plant Systematics (Second Edition). Elsevier Academic Press, San Diego, CA.
- Smith P. G.R. & Theberge J.B. 1986. A review of criteria for evaluating natural areas. *Environmental Management* 10: 715–734.
- Solbrig, O.T. 1991. Biodiversity: Scientific Issues and Collaborative Research Proposals.MAB Digest #9. UNESCO.
- Soulé, M., 1985. What is conservation biology? *Bioscience* 35, 727–733.
- Soule, M. E. 1991. Conservation: Tactics for a Constant Crisis. *Science, New Series*, Vol. 253, No. 5021; 744-750.

- Southwood, T.R.E. 1981. Ecological aspects of insect migration. pp. 197-208 in: Aidley, D.J. (ed.). *Animal Migration*. Cambridge University Press, Cambridge.
- Spellerberg, I.F. 1996. Themes, terms and concepts. In Spellerberg, I.F. *Conservation Biology*. Longman, Harlow.
- Spellerberg, I.F. 1992. Evaluation and Assessment for Conservation. Chapman and Hall, London. p.259.
- Suryanarayan, B. 1968. Flora of Dangs, Ph.D. thesis, Sardar Patel University. VallabhVidyanagar.
- Sutaria, R. N. 1958 A text-book of Systematic Botany. Khadyata book depot, Ahmedabad.
- Takhtajan, A. L. 2009. Flowering Plants. Second edition. Springer
- Talbot, W. A. 1909, 1911. Forest flora of the Bombay Presidency and Sind, vols. 1-2. Poona.
- Tansley, A. G. 1935. The use and abuse of vegetational concepts and terms. *Ecology* 16(3), 284-307.
- Thaker, D. N. 1974. Floristics and Ethnobotanical studies on Kawant range forest in Central Gujarat. Ph.D. Thesis, The Maharaja Sayajirao University of Baroda, Vadodara.
- Thaker, J. I. 1910. *VanaspatiSastara- BardaDungarniJadibutitaniParikshaanaeUpyog*. (BOTANY- A complete and Comprehensive Account of the Flora of Barda Mountain (Kathiawad). Gujarati Printing Press. Bombay. p. 717. (2nd revised edition; edi. B. G. Shah. 1952: *SastuSahityaVardhakKaryalaya*, Ahmedabad. p. 733.
- Thaker, J. I. 1926. *Kutch ni Swasthani Vanaspatiyo anae teni Upyogita*. (Plants of Cutch and Their Utility - An Elaborate Treatise Containing Ten Chapter and Litho Figure. Gujarati Printing Press and Nirnaya-Sagar Press. Bombay. p. 200.
- Thakker, N. K. 1987. Biological flora of Rajkot.
- Tilman, D., D.Wedin & J. Knops. 1996. Productivity and sustainability influenced by biodiversity in grassland ecosystems. *Nature* 379, 718-720.
- Umadevi, A. J. 1988. Identification and status survey of medicinal plants of Gujarat. Ph. D. thesis, South Gujarat University, Surat.
- Vaidya, V. C. 1952. *Vansapati ni Shodhma*. 3. Bardo Dungar (Tab – e- Jamnagar) J. Guj. Nat. Hist. Soc. 1: 222-227 & 2: 7-8.
- Vashi B. G. 1985. Floristic, phytochemical and ethnobotanical study of Umarpada forest in South Gujarat. Ph.D thesis, Veer Narmad South Gujarat University, Surat.
- Vora, H. M. 1980. Contribution to the flora of DharmpurKaprdada and Nana-Pondra ranges. Ph. D. thesis, South Gujarat University, Surat.
- Wardle, D. A., Bonner, K.I. & Barker, G.M. (2000) Stability of ecosystem properties in response to above-ground functional group richness and composition. *Oikos*, 89, 11–23.
- WCMC (World Conservation Monitoring Centre), 1992. *Global Biodiversity: Status of the Earth's Living Resources*. Chapman & Hall, London.
- Whittaker, R. H. 1972. Evolution and measurement of species diversity. *Taxon* 21: 213–251.
- Wight, R. & Walker-Arnott. 1834. *Prodromus Flora Peninsulae Indiae Orientalis*. London.
- Wight, R. 1840. *Illustrations of Indian Botany*. J. P. Pharoah, Madras.
- Wight, R. 1838-1853. *Icones Plantarum Indiae Orientalis* Vol. 1-6. Messr. Franck & Co., Madras.
- Wilcove, D.S. and Blair, R.B. 1995. The ecosystem management bandwagon. *Trends in Ecology and Evolution* 10, 345.

- Williams, P.H., Humphries, C.J., Vane-Wright, R., and Gaston, K.J. 1996. Values in biodiversity, ecological services and consensus. Trends in Ecology and Evolution. 11, 385
- Wood, R. 1974. The Geography of the Flowering Plants. Longman Group Ltd., London.
- Woodrow, G.M. 1897-1901. The Flora of Western India. J. Bot. Nat. Hist. Soc. 11: 118-130,265-237, 12:162-176-, 13:354-373, 515-526, 14: 427-442.
- Worah, S. 1991. The ecology and management of a fragmented forest in south Gujarat India: the Dangs. Ph.D. thesis, University of Poona, Pune, India.
- World Conservation Monitoring Centre (WCMC). 1992. Global Biodiversity: Status of the Earth's Living Resources. In collaboration with the Nat. History Museum, London; in assoc. with IUCN, UNEP, WWF & WRI, Chapman & Hall, London. p. 1-3.
- Xiao XM, Zhang Q, Braswell B, et al. 2004. Modeling gross primary production of temperate deciduous broadleaf forest using satellite images and climate data. Remote Sens Environ 91:256-70.
- Yadav, S. R. 1979. A contribution to the floristics and phytosociology of some parts of South Gujarat. Ph. D. thesis, South Gujarat University, Surat.
- Yogi, D.V. 1970. A contribution to the Flora of North Gujarat. PhD thesis, Sardar Patel University, VallabhVidyanagar, Gujarat.

WEBSITE REFERENCES

- <http://www.ipni.org>
- <http://www.theplantlist.org>
- <http://www.tropicos.org>
- <http://www.westernghatsindia.org>