

Dedicated
to
the Sacred memory
of
My Late Lamented Parents
Durgapada Mukhopadhyay
and
Santi Mukhopadhyay

UNIVERSITY OF NORTH BENGAL

DEPARTMENT OF BOTANY

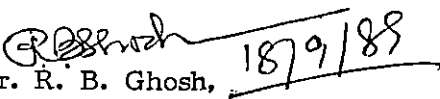


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WEST BENGAL, INDIA

This is to certify that Sri Chittaranjan Mukhopadhyay, M.Sc., worked under our joint supervision since January, 1984 for his dissertation, entitled "TAXONOMIC AND PHYTOGEOGRAPHICAL STUDIES ON THE FLORA OF MIRIK AND ITS ENVIRONS IN DARJEELING DISTRICT" for fulfilment of the requirements of the Degree of Doctor of Philosophy (Science) of the University of North Bengal.

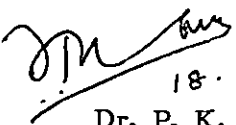
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CONTENTS

	<u>Page</u>
ACKNOWLEDGEMENTS ...	i
ABBREVIATIONS ...	ii-iv
LIST OF FIGURES WITH LEGENDS ...	v-viii
GENERAL INTRODUCTION ...	1-5
ABSTRACT ...	6-12
 <u>PART-I</u>	
SOME ECOLOGICAL OBSERVATIONS ON MIRIK AND ITS ENVIRONS IN DARJEELING DISTRICT, WEST BENGAL ...	13-42
Introduction ...	13-14
Review of Literature ...	14
Methodology ...	15
Observation and Discussion ...	16-42
Physiography with Special reference to slope, river- system, drainage, water- shed and soil. ...	16-19
Climate ...	19-22
Human population and Biotic influence ...	22-23
Landuse ...	24
Vegetation types ...	25-41
Summary ...	41-42
Bibliography ...	856-876

PART-II

TAXONOMIC STUDY ON THE
FLORA OF MIRIK AND ITS
ENVIRONS IN DARJEELING
DISTRICT, WEST BENGAL.

...	43-840
Introduction	43
Review of Literature	43-44
Methodology	44-48
Systematic Enumeration	49-831
Key to the families	49-81
Descriptions of families	82-831
Analysis of Flora	832-837
Comments on newly proposed taxon	837-838
Summary	838-840
Bibliography	856-876

PART-III

PHYTOGEOGRAPHICAL STUDY ON
THE FLORA OF MIRIK AND ITS
ENVIRONS IN DARJEELING
DISTRICT, WEST BENGAL.

...	841-855
Introduction	841
Review of Literature	841-842
Methodology	842-843
Analytical study and Discussion	843-854
Summary	854-855
Bibliography	856-876

APPENDIX - I

Author's Publication

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ABBREVIATIONS

- Ann. Roy. Bot. Gard. Calc. = Annals of the Royal Botanic Garden. Calcutta.
- Asiat. Res. = Asiatic researches, or Transactions of the Royal Asiatic Society of Bengal, Calcutta.
- Bhutan = Materials for the Flora of Bhutan. Edited by K. Subramanyam. Botanical Survey of India, Calcutta. 1973. Vol. 20, No. 2.
- Bijdr. = Bijdragen tot de flora van Nederlandsch Indie. Batavia. 1825-1826.
- BP. = Bengal Plants. By D. Prain. Calcutta, 1903. 2 vols.
- Bull. B. Surv. Ind. = Bulletin of the Botanical Survey of India. Calcutta.
- Bull. Bot. Soc. Beng. = Bulletin of the Botanical Society of Bengal. Calcutta.
- Bull. Dept. Med. Pl. Nep. = Bulletin of the Department of Medicinal Plants of Nepal. Kathmandu, Nepal. 1967-1976, 7 vols.
- Cowan & Cowan = The Trees of Northern Bengal including Shrubs, Woody Climbers, Bamboos, Palms and Tree Ferns. By A. M. Cowan and J. M. Cowan. Calcutta. 1929.
- EFPN. = An Enumeration of the Flowering Plants of Nepal. By H. Hara et al. Trustees of British Museum, London. 1978-1982. 3 vols.
- F. & Fl. Nep. Him. = Fauna and Flora of Nepal Himalaya. Edited by H. Kihara. Kyoto, Japan. 1955.
- Fasc. Fl. India = Fascicles of Flora of India. Botanical Survey of India, Howrah.
- FBI. = Flora of British India. Edited by J. D. Hooker. London. 1872-1897. 7 vols.
- Fl. As. = Flora of Assam. By U. N. Kanjilal et al. Shillong. 1934-1940. 5 vols.

- Fl. Bhutan = Flora of Bhutan. By A.J.C. Grierson and D.G. Long. Royal Botanic Garden, Edinburgh. 1983-1987. Vol. 1 (3 parts).
- Fl. How. = Flora of Howrah District. By S. S. R. Bennet. Dehra Dun, India. 1979.
- Fl. Mursid. = Flora of Murshidabad District. By D. N. Guha Bakshi. Jodhpur, India. 1984.
- FPK. = The Flowering Plants of Kurseong. By K. M. Matthew. Dehra Dun, India. 1981.
- Gard. Bull. = Garden's Bulletin. Singapore.
- GBCIP. = The Grasses of Burma, Ceylon, India and Pakistan (excluding Bambuseae). By N. L. Bor. London. 1960.
- ha = hectare
- Hara 1 = The Flora of Eastern Himalaya. Edited by H. Hara. Tokyo, Japan. 1966.
- Hara 2 = Ibid., Second Report. 1971.
- Hort. Beng. = Hortus Bengalensis : A Catalogue of the plants growing in the Honourable East India Company's Botanic Garden at Calcutta. Serampore. 1814.
- ICBN = International Code of Botanical Nomenclature.
- Ind. For. = Indian Forester. Dehra Dun.
- Ind. For. Rec. = Indian Forest Records. Dehra Dun.
- Ind. For. Rec. (N.S.) Bot. = Indian Forest Records, New Series. Botany. Dehra Dun.
- J. Asiat. Soc. Beng. = Journal of the Asiatic Society of Bengal. Calcutta.

J. Fac. Sci. Uni. Tokyo, Bot. = Journal of the Faculty of Science, Imperial University of Tokyo. Section III. Botany, Tokyo.

J. Ind. B.S. = Journal of the Indian Botanical Society, Madras. Meerut.

JETB. = Journal of Economic and Taxonomic Botany. Scientific Publishers. Jodhpur, India.

Liv. Him. Flow. = Living Himalayan Flowers. By S. Nakao. 1964.

Loc. & field nos. = Locality and field numbers.

Loc. name = Local name.

Ohashi 3 = The Flora of Eastern Himalaya. Third Report. Edited by H. Ohashi. Tokyo, Japan. 1975.

P. S. = Police Station.

PDSH. = Plants of Darjeeling and the Sikkim Himalayas. By K. Biswas. Calcutta. 1966.

Pl. As. Rar. = Plantae Asiaticae rariores. By N. Wallich. London. 1830-1832. 3 vols.

Prodr. Fl. Nep. = Prodromus Florae Nepalensis. By D. Don. Londini. 1825..

Rec. B. Surv. Ind. = Records of the Botanical Survey of India. Calcutta.

Spring Fl. Sik. Him. = Spring Flora of Sikkim Himalaya. By. H. Hara et al. Japan. 1963.

T. G. = Tea Garden.

Tent. Fl. Nep. = Tentamen Florae nepalensis illustratae. Consisting of botanical descriptions and lithographic figures of selected Nepal plants. Calcutta, Serampore. 1826.

Wall., Cat. = N. Wallich, A numerical List of dried Specimens of Plants in the Honourable East India Company's Museum. 1828-1849.

LIST OF FIGURES WITH LEGENDS

Fig.Nos.

ECOLOGY (PART-I)

1. Location, Mirik Police Station, Darjeeling district, W.B.
2. Mirik & its environs.
3. A map of Mirik Lake.
4. Relief, Mirik Police Station, Darjeeling district, W.B.
5. Topographic section from the highest elevation of Mirik P.S. to the base level at Balason Valley.
6. Drainage, Mirik Police Station, Darjeeling district, W.B.
7. A transect Chart.
8. Slope, Mirik Police Station, Darjeeling district, W.B.
9. Soil, Mirik Police Station, Darjeeling district, W.B.
10. Population density 1981, Mirik Police Station, Darjeeling district, W.B.
11. P. S. Mirik, Growth of population 1901 - 1981.
12. Administrative, Mirik Police Station, Darjeeling district, W.B.
13. Landuse, Mirik Police Station, Darjeeling district, W.B.
14. Mirik Lake with plantation of Cryptomeria japonica (L.f.) D. Don in the background.
15. Mirik Lake Garden.
16. Mirik Bazar.
17. Plantation of Cryptomeria japonica (L.f.) D. Don

18. Scanty undergrowth of Cryptomeria japonica (L.f.) D. Don
19. A close-up view of Diplopterigium giganteum (Wall. ex Hook.) Nakai.
20. Schoenoplectus mucronatus (L.) Palla - a dominant species in the marshland by the side of Mirik Lake.
21. Association of Eupatorium adenophorum Spreng. and Erianthus rufipilus (Steud.) Griseb. with Cryptomeria japonica (L.f.) D. Don in the background.
22. Thysanolaena maxima (Roxb.) Kuntze - an economically important plant of the region.
23. Anaphalis contorta (D. Don) Hook. f. - a dominant species in the scrub jungles.
24. An association of Dendrocalamus hamiltonii Nees & Arn. ex Munro, Ipomoea congesta R. Br. and Eupatorium adenophorum Spreng.

TAXONOMY (PART-II)

25. Viola pilosa Bl.
26. Drymaria villosa Cham. & Schlecht. subsp. villosa Duke
27. Stellaria sikkimensis Hook. f.
28. Hypericum japonicum Thunb. ex Murray
29. Geranium nepalense Sw.
30. Impatiens stenantha Hook. f.
31. Osbeckia nepalensis Hook.
32. Rotala rotundifolia (Buch.-Ham. ex Roxb.) Koehne
33. Hydrocotyle himalaica P. K. Mukh.

34. Oenanthe thomsonii Clarke .
35. Borreria alata (Aubl.) DC.
36. Borreria ocymoides (N. Burman) DC.
37. Anaphalis margaritacea (L.) Benth. & Hook.f.
38. Artemisia nilagirica (Clarke) Pamp.
39. Conyza stricta Willd.
40. Myriactis nepalensis Less.
41. Buddleja asiatica Lour.
42. Solanum mirikensis C. R. Mukh. sp. nov.
43. Mimulus nepalensis Benth.
44. Elsholtzia strobilifera (Benth.) Benth.
45. Leucas mollissima Wall.
46. Pogostemon elsholtzioides Benth.
47. Polygonum chinense Linn.
48. Polygonum molle D. Don
49. Polygonum nepalense Meisn.
50. Boehmeria platyphylla D. Don
51. Elatostema dissectum Wedd.
52. Arthraxon quartinianus (A. Rich.) Nash
53. Axonopus compressus (Sw.) P. Beauv.

54. Brachiaria distachya (L.) Stapf.
55. Coelachne simpliciusscula (Wt. & Arn. ex Steud.) Munro ex Benth.
56. Eulalia leschenaultiana (Decne.) Ohwi
57. Paspalum scrobiculatum Linn.
58. Phragmites karka (Retz.) Trin. ex Steud.
59. Sporobolus fertilis (Steud.) W.D. Clayton

PHYTOGEOGRAPHY (PART-III)

60. Position of Mirik in relation to different Phytographical regions of India after political partition (after D. Chatterjee, 1960).
61. The position of Mirik in relation to other Phytogeographical regions in the World.
62. Position of Mirik in relation to other Phytogeographical regions in India.