

CHAPTER - VI

ENUMERATION

The Angiospermic plant with the accepted name as per the Plant List, through proper taxonomic treatments of species, collected from the Rasik Beel complex has been arranged in compliance with the world wide accepted APG-III (Chase & Reveal, 2009) system of classification. As like as it, linear sequence of lycophytes and ferns (Christenhusz *et al*, 2011) has been adopted. The Pteridophyta family, genera and species with the accepted name as per the Plant List, through proper taxonomic treatments of species, collected from the Rasik Beel complex has been arranged in linear sequence of lycophytes and ferns (Christenhusz *et al*, 2011). The following sequence of enumeration is taken into consideration while enumerating each identified plants - (a) Accepted name (b) Basionyms (c) Synonyms if any (d) Homonym if any. (e) Vernacular name if any (f) Description (g) Flowering and fruiting periods/Fertile time (h) Specimen cited (i) Local distribution (j) General distribution.

Each individual taxon, is being furnished and protologue through the availability reference of the author citation. Most importantly, in the present study, an attempt has been made to include all the locally available taxonomic reference of the taxon. Mentioned below is the list of important books, selected scientific journals, papers, newsletters and periodicals that has been referred during the citation of the same.

6.1. Chronicles of literature of reference

6.1.1. Names of the important books referred

Beng. Pl.	: Bengal Plants
En. Fl .Pl. Nepal	: An Enumeration of the Flowering Plants of Nepal
Fasc.Fl.India	: Fascicles, Flora of India
Fl.Brit.Ind.	: Flora of British India
Fl.Bhutan	: Flora of Bhutan
Fl.E.Himal.	: Flora of Eastern Himalaya
Fl.India	: Flora of India
Fl Indica	: Flora Indica
Fl. West Bengal.	: Flora of West Bengal
Prodr.Fl.Nepal	: Prodrumus florae Nepalensis
Pl.As.Rar.	: Plantae Asiaticae Rariores
Pl.Wilson	: Plantae Wilsonianae
Tr. Nor. Bengal.	: The Trees of Northern Bengal
FOC	: e-Flora of China
Nam. Change. Flr. Pl.	: Name changes in flowering plants by S. S. R. Bennett.

6.1.2. Names of the journal referred:

Bull.As.Soc.Beng.	: Bulletin of Asiatic Society of Bengal
Bull.Bot.Sur.Ind.	: Bulletin of Botanical Survey of India
J.Arn.Arb.	: Journal of Arnold Arboretum
J.Beng.Nat.Hist.Soc.	: Journal of Bengal Natural History Society
J.Bomb.Nat.Hist.Soc.	: Journal of Bombay Natural History Society
J.Econ.Tax.Bot.	: Journal of Economic and Taxonomic Botany
J.Jap.Bot	: Journal of Japanese Botany
J. R.A.S. Beng. Sci	: Journal of Royal Asiatic Society of Bengal
Kew.Bull.	: Kew Bulletin
J. Ind. For.	: Indian forester, Dehradun.
J. Plione	: Plieoine

6.1.3. Abbreviation used in Enumeration:

<i>agg.</i>	: aggregated species
<i>auct.</i>	: of various authors (<i>auctorum</i>)
<i>Cf.</i>	: compare (<i>Confer</i>)
<i>f.</i>	: form (<i>forma</i>) and <i>filial</i>
<i>nom.illeg.</i>	: Illegitimate name (<i>Nomen illegitimum</i>)
<i>nom.nud.</i>	: <i>Nomen nudum</i>
<i>p.p.</i>	: In Part (<i>pro parte</i>)
<i>Sensu.</i>	: In the sense of author indicated and not as originally intended
<i>ssp.</i>	: Sub-species
<i>Var.</i>	: Variety
<i>Var. nov.</i>	: New variety

6.1.4. Other abbreviations commonly used in enumeration:

Acad. : Academy	Ill. : Illustration
Bull. : Bulletin	J. : Journal
Cat. : Catalogue	no. : Number
Contr. : Contribution	Rep. : Report
Faun. : Fauna	Repert. : Repertorium
Fl. : Flora	Soc. : Society
Ic. : Icones	Contr. : Contribution

6.1.5. Authorities of botanical names:

Surnames of authors of Botanical names used in full form, no abbreviation has been used in the present work.

6.1.6. Local (Common) names:

Only Bengali common name of plants used as *vernacular names*.

6.1.7. Description:

Diam. : Diameter

Fig. : Figure

6.1.8. Distributions:

C. : Central

E. : Eastern

S. : Southern

W. : Western

N. : North

NE. : North-eastern

6.1.9. Measurements:

The measurement of the specimens during the study was made through metric unit system (m, cm and mm) for e.g. the dimensions of leaves are given as 2 – 3 x 1 – 1.5 cm, the first figure indicating the length and the second breadth.