SOME MORE PLANTS FROM KHEDBRAHMA REGION, NORTH GUJARAT

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ABSTRACT

In this paper 39 angiospermous species—32 dicotyledons and 7 monocotyledons are listed. Polygonum amphipodum Desl. and Malaxis polystachya L. are recorded for the first time from Gujarat.

INTRODUCTION

The present authors have been exploring many parts of Sabarkantha and Mehsana districts in North Gujarat, including areas in vicinity of Kheadbhama since April 1996, gathering a wide range of collections. Kheadbhama region in Sabarkantha District, bounded on the north and east by Rajasthan State is botanically interesting as it is the component of the vegetation which include a few elements of Rajasthan and Sind flora. Bhavnagar, Sabarkantha and Beed (Bull. Bot. Surv. India 11: 309-311, 1969) have listed 530 angiosperms from this region. However, our collection presents a few more species not listed by them. In this note 43 angiospermous species are listed of which 17 are monocotyledons and 32 are dicotyledons. The collection numbers of the junior author from Kheadbhama are given in brackets at the end. Plants marked with an asterisk are not given in Cooke’s Flora. The synonymy represents the nomenclature used by Cooke (Fl. Pres. Bombay 1901-1908).

ENUMERATION

FUMARIACEAE

Fumaria indica Pusley (P. parviflora var. variabilis Hk. f. & Th.)

A weed in cultivated fields. Rare. Flowers violet or rose purple. FLs and FRs: Dec.-Feb. (2536).

CRUCIFERAE

*Braunica campestris L. var. sarson Prain


Lepidium sativum L.


Loc. name: Amalio.

*Partly based on Dr. D. Tejani accepted by Sanad Patel University, Vallabh Vidyanagar.

CARPOPHYLLACEAE

Spergula arvensis L.


PORTULACACEAE

Portulaca grandiflora 1lk. f.

Cultivated. Flowers rose-purple or deep pink. FLs: Throughout the year (2025).

MALVACEAE

Abelmoschus esculentus (L.) Moench. (H. esculentus L.)

Cultivated. Flowers sulphur yellow. FLs and FRs: Throughout the year (1987).

Loc. name: Bitoni.

TILIACEAE

Grewia tenax (Forsk.) Fiori (G. populifolia Vahl)


Loc. name: Gangali.

*Triumfetta pentandra A. Rich

Common. Flowers yellow. FLs and FRs: Sept.-Nov. (1510).

Loc. name: Zipto.

FABACEAE

Albizia lebbeck L. var. speciosa (L.) DC. var. styracifolius Baker

Rare. Flowers bright reddish-purple. FLs and FRs: Nov.-Jan. (2497).

Cajanus cajan (L.) Millsp. (C. indicus Spr.)


Loc. name: Tuyers.

Medicago denticulata Willd.

A weed in cultivated fields. Flowers yellow. FLs and FRs: Jan. (2539).
Mimosa indica. All. (M. paradisiaca L.).
Loc. name: Mathaloo.

Tephrosia purpurea (Lam.) Pers. (T. purpurea (L.) Pers. var. purpurea (L.) Pers.)

Mimosaceae

Acacia tortilis (Roeb.) Coxx (A. babuensis var. nov. Wulf.)

Pithecellobium dulce (Roeh.) Bentham. (Pithecellobium palustre Bentham.)
Loc. name: Gora amli.

Passiflora juliflora (Sw.) DC.

Myrtaceae

Syzygium heteracolum Willd. ex W. & A. ( Eugenia heteracolum Thunb.).
Near water courses. Occasional. (1833).
Loc. name: Jai pambado.

Oncagraeae

Tetragonia adscendens (L.) Harv. (T. repens L.)

Amaranthaceae

Amaranthus viridis (L.)

Boraginaceae

Heliotropium supinum L.
Drying plants, ditches etc. Flowers white. FLS and FRS: Jan.-June (1843).

Trichodesma retiolanum (Fur. ex. f.) R. Br.
A weed along roads and cultivated fields. Occasional. Flowers, pale in bright blue FLS and FRS: All round the year.

Convolvulaceae

Hygrichrophila serpyllum (Nees) A. Anders.
In rocky river beds. Rare. Flowers, blue or bluish purple. FLS and FRS: Dec.-Mar. (1844, 1953).

Saxifragaceae

Saxifraga saxifraga DC.

Primulaceae

Primula arvensis L.
Var. coerulea Gren. & Godr.

Apoxyonaceae

Phlomis tomentosa R. & S.
Rare. FRS: Jan. (1933).

Salicaceae

Salix tetrasperma Roeh.
Only one tree in river bed. FLS: Oct.-Nov. (1956).

Commelinaceae

Commelina benghalensis C. B. Cl.

Cyperaceae

Cyperus aloifolius Kerri.

Fimbristylis cymosa R. Br. (F. spathacea Roth)
Eumitriphyllum schoenoides (Retz.) Vahl

Scirpus squarrosum Linn.

Poaceae

Brachiaria ruzicanensis (J. E. Smith) Griseb. (Pennisetum ruzicanum Stapf)

B. ramosa (L.) Stapf (Pennisetum ramosum L.)

Cenchrus pennisetiformis Hochst. ex Steud.

Digitaria subciliata (H. B. K.) Hein. (D. angustifolia Scop. var. ciliata Prain)
Common. Spikelets: June-Nov. (1555).

Loc. name: Tamarind.

Eragrostis bifaria (Vahl) Forr. (Eragrostis schizoides We. ex Steud.)

Eragrostis japonica (Thunb. Trin. (E. interrupturn nov. P. Beauv.)
A weed in cultivated fields and river beds. Common. Spikelets: All the year round (1579).

Hemarthria compressa (L.) R. Br. (Rothschildia compressa L.)

*Ischogenium goebelii Hark.

Melanocnemus jacquemontii J. & S. (Graecica royleana Hk.)

*Paspalidium geminatum (Forsk.) Stapf

*Polypogon monspeliensis L. (L.) Desf.
Rare. Spikelets: Jan. (2493).

Tetrapogon villosus (L.) Desf. (Chloris villosa Poir.)

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