

SOME MORE PLANTS FROM KHEDBRAHMA REGION, NORTH GUJARAT*

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ABSTRACT

In this paper 39 angiospermous species—22 dicotyledons and 17 monocotyledons are listed. *Polypogon monspeliensis* Desf. and *Medicago polymorpha* 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 Khedbrahma since April 1968, gathering a wide range of collections. Khedbrahma region in Sabarkantha District, bounded on the north and east by Rajasthan State is botanically interesting as to the components of the vegetation which include a few elements of Rajasthan and Sind flora. Bhatt, Sabnis and Bedi (*Bull. bot. Surv. India* 11: 209-224, 1969) have listed 550 angiosperms from this region. However, our collection presents a few more species not listed by them. In this note 45 angiospermous species are listed of which 17 are monocotyledons and 32 are dicotyledons. The collection numbers of the junior author from Khedbrahma 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 Pugsley (*F. parviflora* var. *vaillanti* Hk. f. & Th.)

A weed in cultivated fields. Rare. Flowers violet or rosy purple. FLS and FR: Dec.-Feb. (2536).

CRUCIFERAE

***Brassica campestris** L. var. *zarson* Prain

A weed in cultivated fields. Occasional. Flowers yellow. FLS and FR: Jan.-Mar. (2550).

Lepidium sativum L.

A weed in cultivated fields. Occasional. Flowers white. FLS and FR: Jan.-Feb. (2528).

Loc. name: Asalo.

CARYOPHYLLACEAE

Spergula arvensis L.

A weed in cultivated fields. Common. Flowers white. FLS and FR: Dec.-Feb. (2542).

PORTULACACEAE

Portulaca grandiflora Hk. 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 FR: Throughout the year (1987).

Loc. name: Bhindi.

TILIACEAE

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

Seen in lodges. Flowers white. FLS and FR: June-Jan. (1997).

Loc. name: Gangei.

***Triumfetta pentandra** A. Rich.

Common. Flowers yellow. FLS and FR: Sept.-Nov. (1519).

Loc. name: Zipto.

YABACEAE

Alysicarpus scariousus Griseb. ex Thw. [*A. ragoatus*

(L.) DC. var. *stryacifolius* Baker]

Rare. Flowers bright reddish-purple. FLS and FR: Nov.-Jan. (2497).

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

Cultivated, seldom an escape. Flowers yellow. FLS and FR: Oct.-Jan. (2017).

Loc. name: Taver.

Medicago polymorpha L. (*M. denticulata* Willd.)

A weed in cultivated fields. Flowers yellow. FLS and FR: Jan. (2530).

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Mollisia indica All. (*M. parviflora* Desf.)

A weed in cultivated fields. Flowers yellow. FLS and FR: Dec-Mar. (1843).
Loc. name: Methalo.

Tephrosia pumila (Lam.) Pers. [*T. purpurea* (L.) Pers. var. *pumila* Baker]

Occasional. Flower bright purple. FLS and FR: Aug-Nov. (1971).

MIMOSACEAE

Acacia tortis (Roxb.) Griseb. (*A. indica* auct. non Willd.)

On hedges. Rare. Flowers creamy-white. FLS: Oct-Jan. FR: Nov-Feb. (2476, 2479).

Phytolobium dulce (Roxb.) Benth. (*Phytolobium dulce* Benth.)

In hedges. Occasional. Flowers white. FLS and FR: Dec-May (1877).

Loc. name: Goras anil.

Passiflora juliflora (Sw.) DC.

Occasional. Flowers yellow. FLS and FR: Oct-May (2759).

MYRTACEAE

Syzygium heyneanum Willd. ex W. & Arn. (*Eugenia heyneana* Burthel.)

Near water courses. Occasional (1853).

Loc. name: Jal pambado.

ONAGRACEAE

Lutetia ascendens (L.) Hara (*L. ripens* L.)

Flourishing. Common. Flowers white or pale yellow. FLS and FR: Nov-Mar. (1881).

ALANGIACEAE

Alangium subfoliosum (L.) Wang. [*A. lametchei* Thun.]

Common. Flowers white. FLS: Feb-Mar. (2479).
Loc. name: Anko.

COMPOSITAE

Laggera aurita (L.) Sch. Bip.

A road side weed. Flowers light purple. FLS and FR: Oct-Feb. (1856).

Sesban brachyotus DC. [*S. arvensis* auct. non L.]

A weed in waste place and cultivated fields. In-fragrant. Flowers yellow. FLS and FR: Nov-Feb. (2471).

PRIMULACEAE

Angallis arvensis L. var. *caerulea* Griseb. & Godr.

A weed in cultivated fields. Flowers bright blue. FLS and FR: Jan-Feb. (2538).

ASCYNACEAE

Wrightia tomentosa R. & S.

Rare. FR: Jan. (2533).

BORAGINACEAE

Heliotropium squamatum L.

Drying ponds, ditches etc. Flowers white. FLS and FR: Jan-June (1828).

Trichodesma cyclaniticum (Roem. & Sch.) R. Br.

A weed along roads and cultivated fields. Occasional. Flowers pale to bright blue. FLS and FR: All round the year.

CONVOLVULACEAE

Convolvulus arvensis L.

In a cultivated field. Rare. Flowers light pink. FLS: Jan.

Loc. name: Khetarna faldeli.

Ipomoea crispicarpa R. Br.

Common. Flowers pink. FLS and FR: Sept-Feb. (2509).

**Microemia quinquefolia* (L.) Hall f.

On hedges. Rare. Flowers creamy white. FLS: Nov-Jan. (2492).

ACANTHACEAE

Hygrophila serpyllum (Nees) L. Anders.

In stony river bed. Rare. Flowers blue or bluish purple. FLS and FR: Dec-Mar. (1894, 2515).

AMARANTHACEAE

Amaranthus viridis L.

A road side weed. Occasional. FLS and FR: Aug-Nov. (2498).

EUPHORBIACEAE

Drypetes roxburghii (Wall.) Harms. (*Pitaranga roxburghii* Wall.)

Along banks of river. A few trees seen. FLS and FR: Aug-Nov. (1855).

Loc. name: Putranjiva.

SALICACEAE

Salix tetrasperma Roxb.

Only one tree in river bed. FLS: Oct-Nov. (2420, 2506).

COMMULINACEAE

Commelina hankarilii C. B. Cl.

In moist places. Occasional. Flowers blue. FLS and FR: Aug-Sept. (2023).

CYPERACEAE

Cyperus alutatus Kerl.

In moist places. Common. Spikelets: Aug-Oct. (1840, 1841).

Fimbristylis cymosa R. Br. [*F. spathacea* Rorb.]

Margins of ponds, ditches and in river beds. Occasional. Spikelets: June-Jan. (1635, 2489, 2518).

- Fimbristylis schoenoides** (Retz.) Vahl
Moist places. Occasional. Spikelets: Sept.-Oct. (1648).
Scirpus squarrosus Linn.
Moist places. Common. Spikelets: Aug-Nov. (1649).

POACEAE

- Brachiaria erioliformis** (J. E. Sm.) Griseb. (*Panicum machne* Stapf)
Rare. Spikelets: Aug. (2029)
B. rubra (L.) Stapf (*Panicum rubrum* L.)
Common. Spikelets: Aug.-Oct. (2119)
Cenchrus penzanceformis Hitchc. ex Steud.
Common. Spikelets: Aug.-Oct. (1522)
Digitaria schweffeni (H. B. K.) Hieron. (*D. sanguinalis* Scop. var. *colorata* Prain)
Common. Spikelets: June-Nov. (1555)
Loc. name: Tarodiv.
Eragrostiella bifaria (Vahl) Bur. (*Eragrostis bifaria* Wt. ex Steud.)
Rare. Spikelets: Aug. (2551)
Eragrostis japonica (Thunb.) Trin. (*E. interrupta* auct. non P. Beauv.)
A weed in cultivated fields and river beds. Common. Spikelets: All the year round (1579).

- Hemarthria compressa** (L. f.) R. Br. (*Roethelia compressa* L.)
Moist places. Occasional. Spikelets: Aug.-Oct. (1347).
Ischnanthus goebellii Harkn.
Marshy places. Common. Spikelets: Sept.-Jan.
Melanocentris jacquemontii J. & S. (*Gracilea costana* Hk.)
Common. Spikelets: Aug.-Oct. (1864).
***Paspalum geminatum** (Forsk.) Stapf
Occasional. Spikelets: Oct.-Feb. (1614, 1871).
***Polypogon monspeliensis** (L.) Desf.
Rare. Spikelets: Jan. (1493).
Tetrapogon villosus Desf. (*Chloris villosa* Pers.)
Common. Spikelets: June-Feb. (1843)

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