

A Special Report:

Addition to the plants for the flora of Gujarat and the flora of Cooke and the list of changed nomenclature

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SUMMARY

This paper presents 15 additional new plants to the Gujarat Flora, 43 Plants to the Cooke Flora and the list of changed nomenclature of 109 plants found in the area of Pardi and Umargaon Talukas of Valsad district during our research work in the year 2006 – 2007. The plants of Gujarat are known through the work of G.L. Shah (1978). The present authors have explored the area of Pardi and Umargaon talukas of Valsad district in South Gujarat and then come to the conclusion that some above mentioned plants are not found in the Gujarat Flora and some in the Cooke's Flora. The study area of non forest and forest agricultural lands of Pardi and Umargaon talukas is situated on 72' – 58' East longitude and 20' – 49' North latitude. The following species have been recorded for the first time from the area. This is the addition to the Flora of Gujarat and Cooke.

Key words : Flora, Nomenclature, Addition of plants.

List of Plants not mentioned in Flora of Gujarat State

Sr. No.	Botanical Name
1.	<i>Amorphophallus bulbifera</i> L.
2.	<i>Calamus rotang</i> L.
3.	<i>Callophyllum inophyllum</i> L.
4.	<i>Crotalaria pallida</i> DC.
5.	<i>Curcuma longa</i> Vahl.
6.	<i>Cyperus flabelliformis</i>
7.	<i>Derris scandens</i> (Roxb.) Bth,
8.	<i>Eleocharis geniculata</i>
9.	<i>Ervatamia divaricata</i> (L).
10.	<i>Galphimia gracilis</i> Barti.
11.	<i>Ischaemum impressum</i> Hack.
12.	<i>Murdannia juncooides</i> (Wt.) Rolla Rao.
13.	<i>Murdannia spirata</i> (L) Bruck.
14.	<i>Plumbago auriculata</i> Lam.
15.	<i>Sterculia foetida</i> L.

List of Plants not mentioned in Cooke's Flora

Sr. No.	Botanical Name
1.	<i>Acanthospermum hispidum</i> DC.
2.	<i>Apluda mutica</i> L.
3.	<i>Barleria prattensis</i> Santapau.
4.	<i>Bidens biternata</i> (Lour.) Merr. & Stapf.
5.	<i>Brachiaria ramosa</i> (L.) Stapf.
6.	<i>Chloris quinquesetica</i> Bhide.
7.	<i>Chloris virgata</i> SW.
8.	<i>Crotan bonplandianus</i> Brill.

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9.	<i>Crypsis schoenoides</i> (L.) Lamk.
10.	<i>Cymbopogon citratus</i> (DC) Stapf.
11.	<i>Cymbopogon martinii</i> (Roxb.) Watts.
12.	<i>Kyllingia brevifolia</i> Rottb.
13.	<i>Pycnus pumilus</i> (L.) Nees ex C. B. Cl.
14.	<i>Kyllingia tenuifolia</i> Stued.
15.	<i>Dactyloctenium aegypticum</i> (L.) Beauv.
16.	<i>Dicliptera roxburghiana</i> Nees.
17.	<i>Digitaria ciliaris</i> (Retz.) Koel.
18.	<i>Dipteracanthus prostratus</i> (Poir.) Nees
19.	<i>Dolichos trilobus</i> L.
20.	<i>Eragrostis diarrhena</i> (Schult.) Steud.
21.	<i>Eriocaulon diana</i> Fyson var. <i>diana</i> .
22.	<i>Eriocaulon eleanora</i> Fyson.
23.	<i>Evolvulus mummularius</i> (L.) L.
24.	<i>Galphimia gracilis</i> Bartl.
25.	<i>Glinus oppositifolius</i> (L.) A. DC.
26.	<i>Gliricidia sepium</i> (Jacq.) Walp.
27.	<i>Gnaphalium luteo-album</i> L.
28.	<i>Hemigraphis hirta</i> T. Anders.
29.	<i>Hygrorhiza aristata</i> (Retz.) Nees ex W. & A.
30.	<i>Hyphaene indica</i> Becc.
31.	<i>Ipomoea alba</i> L.
32.	<i>Ipomoea pulchella</i> Roth.
33.	<i>Ipomoea triloba</i> L.
34.	<i>Ischaemum impressum</i> Hack.
35.	<i>Jatropha integerrima</i> .
36.	<i>Rostellularia japonica</i> (Thunb.) Ellis.
37.	<i>Kigelia africana</i> (Lam.)
38.	<i>Lindernia multiflora</i> (Roxb.) Mukerjee.
39.	<i>Murdannia juncooides</i> (Wt.) Rolla Rao.
40.	<i>Nothosaerva brachiata</i> (L.) Wt.
41.	<i>Plumbago auriculata</i> Lam.
42.	<i>Trichosanthes dioica</i> Roxb.
43.	<i>Oriza rufipogon</i> Criff.

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