

Crotalaria pallida: A New Recorded for Valsad District, Gujarat, INDIA

Hirali D. Patel¹, Dilipkumar D. Patel^{2*} and Hitesh A. Solanki³

1. Research Scholar, Botany Department, University School of Science, Gujarat University Ahmedabad Gujarat, INDIA

2. Associate Professor Bology Department B.K.M. Science College, Valsad. Gujarat, INDIA

3. Professor, Botany Department, University School of Science, Gujarat University Ahmedabad Gujarat, INDIA

2* Corresponding author: Dr. Dilipkumar D. Patel, E-Mail : ddpbkm.botany@gmail.com

ABSTRACT:

Crotalaria pallida Belongs to Family Leguminosae and Sub Family Fabaceae. It has earlier been reported by the Reddy (1987) but didn't mention any note about distribution. The paper deal with indigenous taxa of Angiosperm belonging to Leguminosae family and sub family Fabaceae is reported as an addition Valsad district. The Paper also envisages brief citation, detailed, description, flowering and fruiting time, followed by ecological notes along with photograph is also provided.

KEY WORD:

Crotalaria pallida, Bhagavata village, Valsad, Gujarat. It is also a medicinal plant.

NUMBER OF PLANTS: 10.

Longitude and Latitude: 20.60817° N 72.90887° E

Exsiccate: D.D.P. 51. Biology department, herbarium house.

Date of Submission: 15-07-2022

Date of acceptance: 29-07-2022

I. INTRODUCTION:

Valsad is a district town situated south of the Tapi river on 20 50" E and 20 30" N in the southern part of Gujarat State about 194 km. North of Mumbai on Ahmedabad Mumbai broad gauge railway line. About 3 km West of Valsad Town is an Arabian sea and in the and in the east, there is Ahmedabad Mumbai national highway no:48. Geographically Valsad belongs to the Western coastal land of the Deccan peninsula. The area is traversed by Daman Ganga, Auranga, Par, Kolakri rivers and several small tributaries. The area consists of hills and plain land about 12 km above minimum sea level 41 villages have been explored in the present study *Crotalaria pallida*. Belongs to family *Leguminosae* and sub family *Fabaceae* It is rarely found in Valsad area. It is herb plants, yellow flowers and Pod deflexed. In traditional medicine, the plant is used to treat urinary problems and fever a poultice of the root is applied to swelling of joints and an extract of the leaves is taken to expel intestinal worms.

II. PLANT DISCRPTION:

Ait.Hort. Kew. 2:20.1789; Sanj. Legumes of India 126.1991. C.striata DC. Prodr.2: 131. 1825; Baker in Hook.f. Fl. Brit. India 2:84 .1876; Cooke, Fl. Pres. Bombay 1:323. 1958 (Repr.), Janglitag.

Suffruticose herbs or undershrubs, 30-120 cm high. Leaflets 13, terminal one larger, elliptic, acute- mucronate. Flowers yellow, many, in terminal racemes. Pods deflexed. Seeds brownish.

Flowers and Fruits: December- April.

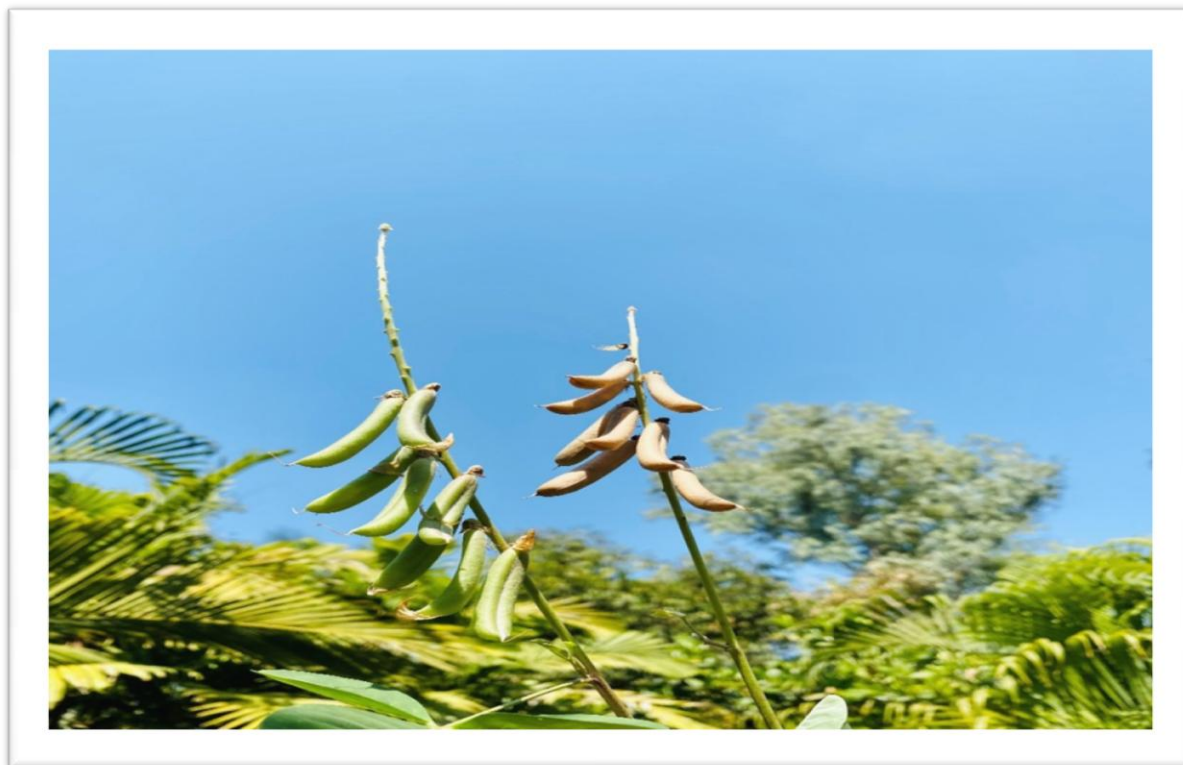
Distribution: Frequent in open situation and also introduced in gardens, Bhagdavada village, Valsad.



Photograph: *Crotalaria pallida* with flower



Photograph: *Crotalaria pallida* with flower



Photograph: *Crotalaria pallida* with pods

Acknowledgement: Author is thankful to Head, Archna Mankad Department of Botany, Gujarat University for support.

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