

Species Datasheet

DBT- Network Programme

Datasheet No. A-140.047.095
(family.genus.species)

1.Taxon:

Species
Subspecies
Variety *Crotalaria pallida* var. *obovata* (G.Don) Polhill
Cultivar
Hybrid

Image file

2. Synonyms:

- *Crotalaria falcata* Vahl ex DC.,
- *Crotalaria obovata* G. Don,
- *Crotalaria striata* Schumacher & Thonn.

3.Systematic Position:

- **APG IV (2016)**
- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superrosids
- Clade: Rosids
- Clade: Fabids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Subfamily: Faboideae Rudd
- Genus: *Crotalaria* L.
- Species: *C. pallida* Aiton

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: Papilionaceae Giseke
Genus: *Crotalaria* L.
Species: *C. pallida* Aiton

4.Distribution:

Global: Bhutan, India, Madagascar, Nepal.
India

5.Indigenous/Exotic/Endemic;Cultivated/Wild: Endemic, wild

6.Threat Status:

IUCN

BSI

7.Habit and Habitat: Erect shrub growing in wastelands

8.Life Form: Perennial

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-valueMethodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n = 16^{1, 29}$

14. Gametic chromosome number(s):

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level:

Image file

17.Agametoploidy:

18.Nature of polyploidy (auto, segmental, allo, autoallo):

19.Genomic formula:

20.Aberrant chromosome number(s)(aneuploidy, aneusomaty, polysomaty):

21.Somatic chromosomes:

Karyotype

Chromosome

NOR chromosome(s)

Degree of asymmetry

Image file

22. Banding pattern(s):

Image file

23.Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24.Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26. Chromosome associations:

Female meiosis

Male meiosis

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc):