

Species Datasheet

DBT- Network Programme

Datasheet No. A-140.047.013
(family.genus.species)

1.Taxon:*Crotalaria beddomeana*Thoth. &A.A.Ansari

Species

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms:

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. beddomeana*Thoth. &A.A.Ansari

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Dicotyledons

Subclass: Polypetalae

Series: Calyciflorae

Cohors: Rosales Bercht. & J. Presl

Ordo: Leguminosae.Juss.

Subordo: PapilionaceaeGiseke

Genus: *Crotalaria* L.

Species: *C. beddomeana*Thoth. &A.A.Ansari

4.Distribution:

Global:India, Sri Lanka, Africa and Australia.

India

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat:Not climbing, Shrub. Habitat-Montane scrub jungles

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):

14. Gametic chromosome number(s):

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

Image file

16. Ploidy level:

Image file

17. Agamete ploidy:

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

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

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):