

Species Datasheet

DBT- Network Programme

Datasheet No. A-140.047.074
(family.genus.species)

1. Taxon:

Species

Subspecies

Variety *Crotalaria medicaginea* var. *medicaginea*

Cultivar

Hybrid

Image file

2. Synonyms:

According to Tropicos:

- *Crotalaria neglecta* Wight & Arn.
- *Crotalaria yuanjiangensis* C.Y. Yang
- *Indigoferacapitata* Graham

According to The Plant List: This name is a synonym of *Crotalaria medicaginea* Lam.

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. medicaginea* Lam.

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. medicaginea* Lam.

4. Distribution:

Global: Burma, China, Bangladesh, India, Laos, Nepal, Pakistan, Sri Lanka, Taiwan, Philippines, Thailand, Vietnam.

India

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Non-climbing, Herb

8. Life Form: Perennial, Annual

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=32^9$

14. Gametic chromosome number(s): $n=16^{9,25}$

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

Image file

16. Ploidy level: Diploid and Tetraploid⁹

Image file

17. Agameteoploidy:

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

19. Genomic formula:

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

21. Somatic chromosomes:

Karyotype

Chromosome size

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

Image file

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):