

Species Datasheet

Datasheet No. A-140.047.051
(family.genus.species)

DBT- 1

1. Taxon:

Species
Subspecies *Crotalaria incana subsp. purpurascens*(Lam.) Milne-Redh.
Variety
Cultivar
Hybrid

Image file

2. Synonyms:

- *Crotalaria incana* fo. lanata R. Wilczek
- *Crotalaria montana* A. Rich.
- *Crotalaria purpurascens* Lam.
- *Crotalaria schimperii* A. Rich.

3. Systematic Position:

- | | |
|-------------------------------|------------------------------------|
| APG IV (2016) | Bentham and Hooker (1862) |
| • Kingdom: Plantae | Kingdom: Plantae |
| • Clade: Angiosperms | Division: Phanerogamia |
| • Clade: Eudicots | Class: Dicotyledons |
| • Clade: Superrosids | Subclass: Polypetalae |
| • Clade: Rosids | Series: Calyciflorae |
| • Clade: Fabids | Cohors: Rosales Bercht. & J. Presl |
| • Order: Fabales Bromhead | Ordo: LeguminosaeJuss. |
| • Family: Fabaceae Lindl. | Subordo: PapilionaceaeGiseke |
| • Subfamily: Faboideae Rudd | Genus: <i>Crotalaria</i> L. |
| • Genus: <i>Crotalaria</i> L. | Species: <i>C. incana</i> |
| • Species: <i>C. incana</i> | |

4. Distribution:

Global: Antarctica, Argentina, Australia, Africa, Mauritius, Mexico, Papua New Guinea, Saudi Arabia.

India

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Non-climbing, Herb.

8. Life Form: Perennial

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=14^{1, 15}$

14. Gametic chromosome number(s):

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

Image file

16. Ploidy level: Diploid¹⁵

Image file

17. Agametoploidy:

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

19. Genomic formula:

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

21. Somatic chromosomes: ^{1, 15}

Karyotype: Majority Submetacentric Chromosomes

Chromosome size: Very Large

NOR chromosome(s): 2

Degree of asymmetry: Symmetrical

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):