

# Species Datasheet

## DBT- Network Programme

Datasheet No. A-140.047.006  
(family.genus.species)

### 1. Taxon:

Species  
Subspecies  
Variety *Crotalaria albida* var. *albida*  
Cultivar  
Hybrid  
  
Image file

2. Synonyms: *Crotalaria formosana* Matsum. ex Ito & Matsum.

### 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: Leguminosae Juss.            |
| • Family: Fabaceae Lindl.     | Subordo: Papilionaceae Giseke      |
| • Subfamily: Faboideae Rudd   | Genus: <i>Crotalaria</i> L.        |
| • Genus: <i>Crotalaria</i> L. | Species: <i>C. albida</i>          |
| • Species: <i>C. albida</i>   |                                    |

### 4. Distribution:

**Global** Bangladesh, Bhutan, Burma, Cambodia China Indonesia Laos Malaysia Nepal Pakistan Papua New Guinea Philippines Sri Lanka Taiwan Thailand Vietnam

### India

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

### 6. Threat Status:

IUCN

BSI

7. Habit and Habitat: undershrub. This woody herb is found in dry deciduous and open forests, scrub in jungles and in clearings and open grassland.

8. Life Form: perennial

9. Economic Importance: This species is listed as used for medicinal purposes (human as well as veterinary) from a sample site in Andhra Pradesh, India. It is recorded as a treatment for warts, especially on the sole of the foot and a juice obtained from the roots is given for indigestion in Nepal.

**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.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):**