

# Species Datasheet

Datasheet No. A-140.039.001  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Zorniadiphylla*(L.) Pers.

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: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Zornia*J.F. Gmel.
- Species: *Z. diphylla*(L.) Pers.

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: RosalesBercht. & J. Presl  
Ordo: Leguminosae Juss.  
Subordo: PapilionaceaeGiseke  
Genus: *Zornia*J.F. Gmel.  
Species: *Z. diphylla*(L.) Pers.

## 4. Distribution:

**Global:**India, Sri Lanka

**India:**Andhra Pradesh, Bihar, Delhi, Goa, Gujarat, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Orissa  
Tamil Nadu, West Bengal

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

## 6. Threat Status:

**IUCN:**

**BSI:**

**7. Habit and Habitat:**Herbs. Found in lateritic grassy slopes

**8. Life Form:**Chamaephytes

**9. Economic Importance:**Used as forage and medicine

**10. Probable Progenitor of:**

**11.DNA**

**C-value**                      **Methodology**

**12.Basic chromosome number(s):**

**13. Zygotic chromosome number(s):** $2n = 20^{1-9}$

**14. Gametic chromosome number(s):** $n = 10^{8-11}$

**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 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**

Image file

**DNA level**

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