

Species Datasheet

Datasheet No. A-403.027.001
(family.genus.species)

DBT-1

1. Taxon:

Species: *Dicomatomentosa*Cass.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms: *Acilepislana*Spreng. ex DC., *Dicomagnaphaloides*Mattei, *D.lanuginosa* DC.

3. Systematic Position:

- APG IV (2016)**
- Kingdom: Plantae
 - Clade: Angiosperms
 - Clade: Eudicots
 - Clade: Superasterids
 - Clade: Asterids
 - Order: Asterales Link
 - Family: Asteraceae Bercht. & J. Presl
 - Genus: *Dicoma*Cass.
 - Species: *D.tomentosa*Cass.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Dicoma*Cass.
Species: *D.tomentosa*Cass.

4. Distribution:

Global: India, Madagascar, Myanmar, South Africa, Tropical Africa

India: Karnataka, Maharashtra, Tamil Nadu

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Herb. Found in dry habitats, on gravelly slopes of barren hills.

8. **Life Form:** Chamaephytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s):

13. **Zygotic chromosome number(s):** $2n = 22^1$

14. **Gametic chromosome number(s):** $n = 11^{1,2}$

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;Translocationsetc.):