Species Datasheet

Datasheet No. A-140.006.001 (Family.Genus.Species)

DBT- Network Programme

1.Taxon:

Species: *Dicermabiarticulatum* (L.) DC.
Subspecies:
Variety:
Cultivar:
Hybrid:

Image file

2.Synonyms:*Aphyllodiumbiarticulatum*(L.) Gagnep.,*Desmodiumbiarticulatum*(L.)F.Muell.,*D.biarticulatum* var. *biarticulatum,Dicermabiarticulatum*subsp.*biarticulatum,D.biarticulatum*var.*collettii*Schindl.,*Echinolobiumbiarticulatum*(L.) Desv.,*Hedysarumbiarticulatum*L., *Meibomiabiarticulata*(L.) Kuntze

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Dicerma*DC.
- Species: *D. biarticulatum*(L.) DC.

Bentham and Hooker (1862)
Kingdom: Plantae
Division:Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: PapilionaceaeGiseke
Genus: *Dicerma*DC.
Species: *D. biarticulatum*(L.) DC.

4.Distribution:

Global: Asia and Australasia

India: Andhra Pradesh, Kerala, Orissa, Rajasthan and Tamil Nadu

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Shrub; Seasonally dry tropical forests and grasslands.

8.Life Form: Chamaephytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA
C-value **Methodology**

12.Basic chromosome number(s):x=11[1]

13. Zygotic chromosome number(s):2n=22[1]

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: [1]

Karyotype Majority metacentric chromosomes
Chromosome size Medium
NOR chromosome(s)
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

Image file

DNA level

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