

Species Datasheet

Datasheet No. A-140.075.001
(family.genus.species)

DBT-1

1.Taxon:

Species: *Platymiscium pinnatum* (Jacq.) Dugand

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Amerimnon pinnatum* Jacq. , *Lonchocarpus amerimnum* DC. ,

Platymiscium cochabambense Rusby , *Platymiscium dubium* Pittier ,

Platymiscium polystachyum Benth.ex Seem. ,

Platymiscium polystachyum var. *fendleri* Benth., *Platymiscium ulei* Harms ,

Platymiscium urophyllum Harms , *Platymiscium pinnatum* var. *pinnatum* ,

Platymiscium polystachyum Benth.

3.Systematic Position: APG IV; Bentham and Hooker:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus: *Platymiscium* Vogel
- Species: *Platymiscium pinnatum* (Jacq.)Dugand

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Rosales Bercht. & J. Presl
- Ordo: LeguminosaeJuss.
- Subordo: PapilionaceaeGiseke
- Genus: *Platymiscium* Vogel
- Species: *Platymiscium pinnatum* (Jacq.) Dugand

4.Distribution:

Global: Bolivia , Brazil , Caribbean , Colombia , Costa Rica , Ecuador , El Salvador , FrenchGuiana , Guatemala , Guyana , Honduras , Mexico , Panama , Venezuela , Sri Lanka, Antarctica, Nicaragua , Panama , Peru , United States

India

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

6.ThreatStatus:

IUCN

BSI

7.Habit and Habitat:Tree

8.LifeForm:Perennial

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value

Methodology

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 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.):