

Genus Datasheet

Datasheet No. A-140.075

(Family:Genus)

DBT- Network Programme

1. Genus: *Platymiscium* Vogel

2. Systematic position::

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus:*Platymiscium* Vogel

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

3. Species:

Global

India 1

4. Taxonomic riddles:

5. Distribution:

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

India

6. Habit and Habitat:Tree

7.Economic Importance:

8. DNA content range: Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s):

11. Gametic chromosome number(s):

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/

Neocentric chromosomes):

13. Ploidy level:

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

FISH:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: