

Genus Datasheet

Datasheet No. A-140.023
(Family.Genus)

DBT- Network Programme

1. Genus: *Tipuana* (Benth.) Benth.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Genus: *Tipuana*(Benth.) Benth.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: Papilionaceae Giseke
Genus: *Tipuana*(Benth.) Benth.

3. Species:

Global:1

India:1

4. Taxonomic riddles:

5. Distribution:

Global: Argentina, Bahia, Bolivia, Brazil, France, Hawaii, Honduras, India, Iraq, Jujuy, Kenya, Malawi, New Zealand, Papua New Guinea, Salta, South Africa, Tanzania, Tucuman, Uganda, United States, Uruguay

India: Karnataka

6. Habit and Habitat: Erect or spreading trees. Found in seasonally dry subtropical forest and open shrubland

7. Economic Importance: *Tipuana tipu* (Benth.) Kuntze is used as an ornamental and street tree in subtropical to warm temperate areas; also in reforestation, as windbreaks and for erosion control; for fodder, timber (furniture and cabinet making), firewood and charcoal

8. DNA content range:

Methodology

2C

4C

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n = 20^{1,2}$

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:GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

21. Linkage map:

22. Any other information: