

Species Datasheet

Datasheet No. A-377.011.008
(family.genus.species)

DBT-1

1. Taxon:

Species:
Subspecies:
Variety: *Justicia betonica* var. *ramosissima* C.B. Clarke
Cultivar:
Hybrid:

Image file

2. Synonyms:

3. Systematic Position:

- APG IV (2016)**
- Kingdom: Plantae
 - Clade: Angiosperms
 - Clade: Eudicots
 - Clade: Superasterids
 - Clade: Asterids
 - Order: Lamiales
 - Family: Acanthaceae Juss.
 - Genus: *Justicia* L.
 - Species: *J. betonica* L.
 - Variety: *J. betonica* var. *ramosissima* C.B. Clarke

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Lamiales
- Genus: *Justicia* L.
- Species: *J. betonica* L.
- Variety: *J. betonica* var. *ramosissima* C.B. Clarke

4. Distribution:

Global: India.

India: Throughout India.

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

6. Threat Status:

IUCN:

BSI

7. Habit and Habitat: Shrub. Sacred groves

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):

14. Gametic chromosome number(s): 15. Specialized chromosomes (B chromosomes/Sex chromosomes/Ring chromosomes/etc):

Image file

16.Ploidylevel: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:

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22. Banding pattern(s):

Image file

23.Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24.Genomicinsitu hybridization:

Image file

25. Linkage map:

Image file

26.Chromosome associations:

Female meiosis

Male meiosis

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level-

DNA level

29.Any other information: