

Species Datasheet

Datasheet No. A-377.011.036
(family.genus.species)

DBT- Netw

1.Taxon:

Species:*Justiciaramamurthyi*Karthik. &Moorthy
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: LamialesBromhead
- Family:Acanthaceae Juss.
- Genus: *Justicia*L.
- Species: *J. ramamurthyi*Karthik. &Moorthy

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Justicia*L.
- Species: *J.ramamurthyi*Karthik.&Moorthy

4.Distribution:

Global: India
India:Assam

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Herb

8.Life Form:Chamaephytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNAC-valueMethodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Ringchromosomes/etc):

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.Genomicin situ hybridization:

Image file

25. Linkage map:

Image file

- 26.Chromosome associations: 11 II

Female meiosis

Male meiosis

- 27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level

- 29.Any other information:

30. References: