

## Species Datasheet

Datasheet No. A-377.011.028  
(family.genus.species)

DBT- 1

### 1. Taxon:

Species: *Justiciaorbiculata*Wall ex T. Anderson  
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: AcanthaceaeJuss.
- Genus: *Justicia*L.
- Species: *J.orbiculata*Wall ex T. Anderson

#### Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Justicia*L.
- Species: *J.orbiculata*Wall exT. Anderson

### 4. Distribution:

**Global:** Java, India

**India:** Western Ghats: Tamil Nadu

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

### 6. Threat Status:

IUCN:

BSI

7. Habit and Habitat: Herb.

8. Life Form: Chamaephytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNAC-value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

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

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16. Ploidy level:

Image file

17. Agametoploidy:

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

19. Genomic formula:

**20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):**

**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. Genomic in situ 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:**