

## Species Datasheet

Datasheet No. A-377.011.027  
(family.genus.species)

DBT- 1

### 1. Taxon:

Species: *Justicianotha* C.B. Clarke  
Subspecies  
Variety  
Cultivar  
Hybrid

Image file

2. Synonyms: *Ecboliumnothum* (C.B. Clarke) Kuntz, *Rostellularia simplex* Wight

### 3. Systematic Position:

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

### Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Justicia* L.
- Species: *J. notha* C.B. Clarke

### 4. Distribution:

**Global:** India, Malesia  
**India:** Kerala

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

### 6. Threat Status:

**IUCN:**

**BSI:**

7. Habit and Habitat: Erect Herb. Grasslands

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):

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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:**