

# Species Datasheet

Datasheet No. A-377.011.006  
(family.genus.species)

DBT- Network Programme

## 1.Taxon:

Species:*Justiciabeddomei*(C.B.Clarke) Bennet

Subspecies

Cultivar

Hybrid

Image file

2. Synonyms:*Adhatodabeddomei*C.B.Clarke, *Ecboliumbeddomei* (C.B.Clarke) Kuntze

## 3. Systematic Position:

### Bentham and Hooker (1862)

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

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: LamialesBromhead
- Family:Acanthaceae Juss.
  - Genus: *Justicia*L.
  - Species: *J.beddomei*(C.B. Clarke) Bennet

## 4.Distribution:

**Global:** India

**India:**Kerala and Tamil Nadu

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

## 6.ThreatStatus:

**IUCN:**

**BSI**

7.Habit and Habitat:Shrub. Cultivated

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.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:**