

# Species Datasheet

Datasheet No. A-377.011.044  
(family.genus.species)

DBT- Networ

## 1. Taxon:

Species: *Justiciavasculosa* Wall.  
Subspecies  
Variety  
Cultivar  
Hybrid

Image file

2. Synonyms: *Adhatodavasculosa* Nees, *Ecboliumvasculosum* (Wall.) Kuntze, *Gendarussavasculosa* Nees, *Mananthes vasculosa* (Nees) Bremek., *Ruelliariviniifolia* Wall.

## 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. vasculosa* Wall.

### Bentham and Hooker (1862)

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

## 4. Distribution:

### Global:

India: E. Himalaya and Khasia Mountains

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

## 6. Threat Status:

IUCN:

BSI

7. Habit and Habitat: Shrub. In the mountains

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):**

Image file

**16.Ploidy level:**Diploid.

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.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:**