

Species Datasheet

Datasheet No. A-377.011.026
(family.genus.species)

DBT- 1

1.Taxon:

Species: *Justicia nilgherrensis* (Nees) Wall. ex C.B. Clarke
Subspecies
Variety
Cultivar
Hybrid

Image file

2. **Synonyms:** *Adhatodanilgherrhensis* Nees, *Ecbolium nilgherrhense* (Nees) Kuntze, *Justicia betonica* var. *nilgherrensis* (Nees) T. Anderson

3. Systematic Position:

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

4.Distribution:

Global: India

India: W. Ghats, Karnataka, Kerala and Tamil Nadu.

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Undershrub. Grasslands

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/Ring chromosomes/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, aneusomy, polysomy):

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: