

Species Datasheet

Datasheet No. A-377.011.016
(family.genus.species)

DBT- Network Pr

1.Taxon:

Species:*Justiciaglauca*Rottler

Subspecies

Variety

Cultivar

Hybrid

Image file

2.Synonyms:*Adhatoda diversiformis* Nees, *A.orixensis* Nees, *Ecboliumglaucum* (Rottler) Kuntze, *Gendarussadiversiformis* Nees, *G.orixensis* Nees

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.glauca*Rottler

Bentham and Hooker (1862)

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

4.Distribution:

Global: India

India:Andhra Pradesh, Bihar, Karnataka, Kerala, Madhya Pradesh, Odisha, Tamil Nadu, Uttarakhand, West Bengal.

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

6.ThreatStatus:

IUCN:

BSI:

7.Habit and Habitat:Herb. Scrub Jungles

8.Life Form:Chamaephytes

9.EconomicImportance:

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, 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: