

1.Taxon:

Species:*Justiciasantapau*Bennet

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms:

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Ordo: LamialesBromhead
- Family: Acanthaceae Juss.
- Genus: *Justicia*L.
- Species: *J.santapau*Bennet

Bentham and Hooker (1862)

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

4.Distribution:

Global: India.

India:Karnataka, Kerala, Maharashtra, Tamil Nadu

5.Indigenous/Exotic/Endemic; Cultivated/Wild:Endemic to Western Ghats.

6.ThreatStatus:

IUCN:

BSI

7.Habit and Habitat:Undershrub. Evergreen and semi-evergreen forests

8.Life Form:Chamaephytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNAC-valueMethodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):2n=

14. Gametic chromosome number(s):n=

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.Genomicin 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:

30. References: