

1. Taxon:

Species: *Justiciamollissima*(Nees) Y.F. Deng & T.F. Daniel

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms:*Justiciakhasiana*C.B. Clarke, *J.procumbens* var. *latispica* C.B. Clarke, *Rostellariamollissima*Nees, *R.khasiana* (C.B. Clarke) J.L. Ellis, *R.khasiana* var. *latispica* (C.B. Clarke) C.Y. Wu ex C.C. Hu, *R.mollissima* (Nees) Nees

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpetatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Justicia*L.
- Species: *J.mollissima*(Nees) Y.F. Deng & T.F. Daniel

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.mollissima*(Nees) Y.F. Deng & T.F. Daniel

4.Distribution:

Global: China

India:

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

6.ThreatStatus:

IUCN:

BSI

7.Habit and Habitat:Herb.

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. 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: