

Species Datasheet

Datasheet No. A-377.011.004
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species:*Justicia assamica*C.B.Clarke

Subspecies

Cultivar

Hybrid

Image file

2. Synonyms:*Ecboliumassamicum*Kuntze

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Lamiales Bromhead
- Family:Acanthaceae Juss.
- Genus:*Justicia*L.
- Species: *J.assamica* 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.assamica* C.B.Clarke

4.Distribution:

Global: India

India:Meghalaya (Khasia – Jaintia hills)

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

6.Threat Status:

IUCN:

BSI

7.Habit and Habitat:Herb.

8.Life Form:Chamaephytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA C-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: