

Species Datasheet

Datasheet No. A-377.001.004
(family.genus.species)

DBT- Network

1. Taxon:

Species: *Acanthus leucostachyus* Wall.ex Nees
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms: *Acanthus leucostachyus* Wall.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Asterids
- Order: LamialesBromhead
- Family: Acanthaceae Juss.
- Genus: *Acanthus* L.
- Species: *A.leucostachyus*Wall. ex Nees

Bentham and Hooker(1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Acanthus* L.
- Species: *A.leucostachyus*Wall. ex Nees

4. Distribution:

Global:Burma,China, India, Laos, Myanmar, Thailandand Vietnam

India:Assam, Meghalaya, West Bengal

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Herb and grows in moist areas.

8. Life Form: Chamaephytes

9. Economic Importance: Medicinal

10. Probable Progenitor of:

11. DNA

C-value: Methodology:

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

15. Specialized chromosomes (B chromosomes/Sex chromosomes/Ringchromosomes/etc):

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16. Ploidy level: Diploid.

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: