

Species Datasheet

Datasheet No. A-377.013.004
(family.genus.species)

DBT- Network Pr

1.Taxon:

Species: *Blepharisscindica* Stocks ex T. Anderson

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Acanthodium grossum* Wight, *Blepharis sindica* Stocks ex T.Anderson,

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Lamiales Bromhead
- Family: Acanthaceae Juss.
- Genus: *Blepharis* Juss.
- Species: *B. scindica* Stocks exT. Anderson

Bentham and Hooker(1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Blepharis* Juss.
- Species: *B. scindica* Stocks exT. Anderson

4.Distribution:

Global:Oman, Saudi Arabia, Yemen, Pakistan, India, Ethiopia, Morocco, Mauritania, Ivory Coast, Senegal, and Cameroon

India:North Western India andUpper Gangetic Plains

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

6.Threat Status:

IUCN:

BSI:

7.**Habit and Habitat:** Herb. Rock gravelly habitats.

8.**Life Form:**Chamaephytes

9.**Economic Importance:**An important medicinal plant which is mainly used as an invigorating tonic, given to cattle to increase milk production andseeds are mainly used in the preparation of herbal medicines.

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/Polytene chromosomes/ Neocentric chromosomesetc):**

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 (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):