

Genus Datasheet

Datasheet No. A-377.016
(Family.Genus)

DBT- Network Programme

1. Genus: *Dyschoriste* Nees

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Lamiales Bromhead
- Family: Acanthaceae Juss.
- Genus: *Dyschoriste* Nees

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Order: Lamiales
- Family: Acanthaceae Juss.
- Genus: *Dyschoriste* Nees

3. Species:

Global: 102

India: 4

4. Taxonomic riddles:

5. Distribution:

Global: Botswana, East Africa, Gabon, India, Kenya, Pakistan, Sri Lanka, Tanzania, Uganda, Vietnam, Zambia and Zimbabwe.

India: Eastern to Peninsular India.

6. Habit and Habitat: Herb/ shrub, mostly found in plains and moist localities.

7. Economic Importance:

8. DNA content range:

2C

4C

Methodology:

9. Basic chromosome number(s):

10. Zygotic chromosome number (s): $2n=56^1$

11. Gametic chromosome number (s):

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytenechromosomes/ Neoc chromosomes):

13. Ploidy level:

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship atChromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: