

Genus Data Sheet

Datasheet No. A-098.031
(family,genus,species)

DBT- Network Programme

1. Genus:*Scleria* P. Berg

3. Systematic position:
APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Scleria* P.Berg

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Glumaceae
Ordo: Cyperaceae Juss.
Genus: *Scleria*P.Berg

3. Species:

Global:200

India: 28

4. Taxonomic riddles:

5. Distribution:

Global:Tropical and warm-temperate regions, India,Bangladesh, Bhutan, Cambodia,Thailand,Philippines, Angola, Nepal, Japan, Indonesia, Malaysia, Benin, Australia, Sri Lanka, Indo-Malesia, Myanmar, China and Tropical Africa

India:Assam,Karnataka, Kerala, Bihar, Meghalaya, Nagaland, Nilgiris in Tamil Nadu, Arunachal Pradesh, Uttar Pradesh, Madhya Pradesh, Odisha

6. Habit and Habitat:Herb

7.Economic Importance:

8. DNA content range:

Methodology

2C: 4C:

9. Basic chromosome number(s): $x=5^1$

10. Zygotic chromosome number(s): $2n=10^1 20^1$

11. Gametic chromosome number(s): $n=5^1 10^1$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes Neocentric chromosomes):

13. Ploidy level:Diploid¹ Tetraploid¹

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

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

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:Polyploidy¹

21. Linkage map:

22. Any other information: