

Genus Datasheet

Datasheet No. P-014.001

(Family.Genus)

DBT- Network Programme

1. Genus: *Schizaea* Sm.

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Schizaeales Shimp
- Family: Schizaeaceae Kaulf.
- Subfamily:
- Genus: *Schizaea* Sm.

3. Species:

Global: Accepted (15), unassessed (41)

India:.

4. Taxonomic riddles:

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=11$ (77)^{2, 3}

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

11. Gametic chromosome number(s): $n=240-250^{2, 3}$

350-370¹

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

13. Ploidy level: Hexaploid (sexual)^{2, 3}

10-ploid (sexual)¹

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

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

16. Karyograms:

Meiosis:^{1, 2, 3}

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

