

Genus Datasheet

Datasheet No. P-025.002

(Family.Genus)

DBT- Network Programme

1. Genus: *Sphaeropteris* Bernhardt in Schrader

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Cyatheales A.B. Frank in J. Leunis
- Family: Cyatheaceae Kaulf.
- Subfamily:
- Genus: *Sphaeropteris* Bernhardt in Schrader

3. Species:

Global: 13 (accepted), 96 (unassessed)

India:

4. Taxonomic riddles:^{1, 2}

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=69^3$

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

11. Gametic chromosome number(s): $n=69^3$

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

13. Ploidy level: Diploid (sexual)³

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

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

16. Karyograms:

Meiosis:³

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:^{1, 2}

20. Cytogenetic mechanism (s) underlying evolution:

