

Datasheet No. P-025.003
(Family:Genus)

DBT- Network Programme

1. Genus: *Cyathea* Seg.

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: *Cyathea* Seg.

3. Species:

Global: 320 (accepted), 649 (unassessed)

India:.

4. Taxonomic riddles:^{4, 5}

5. Distribution:

Global:

India:

6. Habit and Habitat:

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):x=69^{1, 2, 3, 6, 7, 8, 9, 10, 11, 12, 13, 14}

10. Zygotic chromosome number(s): $2n=138$ ^{3, 7, 8}

11. Gametic chromosome number(s): $n=69$ ^{1, 2, 6, 7, 9, 11, 12, 13, 14}

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

13. Ploidy level Diploid (sexual)^{1, 2, 3, 6, 7, 8, 9, 10, 11, 12, 13, 14}

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

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

16. Karyograms:

Meiosis: ^{1, 2, 6, 7, 9, 11, 12, 13, 14}

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: ^{4, 5}

21. Linkage map:

22. Any other information: