

Genus Datasheet

Datasheet No. P-032.001

(Family.Genus)

DBT- Network Programme

1. Genus: *Acystopteris* Nakai

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Cystopteridaceae Schmakov
- Subfamily:
- Genus: *Acystopteris* Nakai

3. Species:

Global: 3 (accepted)

India: .

4. Taxonomic riddles:⁴

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=42$ ^{1, 2, 3}

10. Zygotic chromosome number(s): $2n=126$ ^{1, 2, 3}

11. Gametic chromosome number(s): $n=84^{1, 2, 3}$

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

13. Ploidy level Tetraploid (sexual)^{1, 2, 3}

Triploid (sterile) $3n^{1, 2, 3}$

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

15. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

16. Karyograms:

Meiosis:^{1, 2, 3}

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:⁴

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map: