

Datasheet No. P-032.003
(Family.Genus)

DBT- Network Programme

1. Genus:*Gymnocarpium* Newm.

2. Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: CystopteridaceaeSchmakov
- Subfamily:
- Genus: *Gymnocarpium*Newm.

3. Species:

Global: 9 (accepted), 9 (unassessed)

India:.

4. Taxonomic riddles:²

5. Distribution:

Global:

India:

6. Habit and Habitat:

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):x=40¹

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

11. Gametic chromosome number(s): $n=80$ ¹

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

13. Ploidy level Tetraploid (sexual) ¹

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

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

16. Karyograms:

Meiosis: ¹

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: ²

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map: