

Genus Datasheet

Datasheet No. P-051.013

(Family: Genus)

DBT- Network Programme

1. Genus: *Prosaptia* Fennah

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl & C. Presl
- Subfamily: Polypodioideae B.K. Nayar
- Genus: *Prosaptia* Fennah

3. Species:

Global: Accepted (3), unassessed (60)

India:..

4. Taxonomic riddles:⁵

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=37^{1, 2, 3}$

10. Zygotic chromosome number(s): $2n=c.148^4$

11. Gametic chromosome number(s): $n=74^{1, 2, 3}$

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

13. Ploidy level: Tetraploid (sexual) $^{1, 2, 3, 4}$

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: 5

22. Any other information: