

Genus Datasheet

Datasheet No. P-042.006
(Family:Genus)

DBT- Network Programme

1. Genus:*Pronephrium*C. Presl

2. Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Thelypteridaceae Pic. Serm.
- Subfamily:
- Genus: *Pronephrium* C. Presl

3. Species:

Global: Accepted (52), unassessed (42)

India:..

4. Taxonomic riddles:

5. Distribution:

Global:

India:

6. Habit and Habitat:

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=36^{2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15}$

10. Zygotic chromosome number(s): $2n=144^{12, 13, 14, 15}$

11. Gametic chromosome number(s): $n=36^{2, 4, 5, 6, 7, 8, 9, 10, 11}$,
 72^{11}

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

13. Ploidy level: Diploid (sexual) $^{2, 4, 5, 6, 7, 8, 9, 10, 11}$,
Tetraploid (sexual) $^{11, 12, 13, 14, 15}$

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

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

16. Karyograms:

Meiosis: $^{2, 4, 5, 6, 7, 8, 9, 10, 11}$

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: ¹

22. Any other information: