

Datasheet No. P-030.004
(Family.Genus)

1. Genus:*Anogramma*Link

2. Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Pteridaceae E.D.M. Kirchn
- Subfamily: PteridoideaeC.Chr. ex Crabbe, Jermy&Mickel
- Genus: *Anogramma* Link

3. Species:

Global: Accepted (6), unassessed (19)

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): $x=26$ ^{3, 5, 6, 10, 11, 12, 15}, 29 ^{1, 2, 4}

10. Zygotic chromosome number(s): $2n=52$ ¹¹, 58 ²

11. Gametic chromosome number(s): $n=29$ ^{1, 2}, 26 ^{3, 5, 6, 10, 11, 12, 15}, $26+3B$ ⁹, $26+0-1B$ ¹³, 2 ^{c.56-57} ⁸, $c.58$ ¹⁴, 58 ⁴

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

13. Ploidy level: Diploid (sexual) ^{1, 2}

Diploid (aneuploid, sexual) ^{3, 5, 6, 7, 9, 10, 11, 12, 13, 15},

Tetraploid (sexual) ^{4, 8, 14}

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

16. Karyograms:

Meiosis: 4, 8, 14

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: