

Datasheet No. P-051.025
(Family.Genus)

1. Genus:*Loxogramme* (Blume) C. Presl

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl & C. Presl
- Subfamily: Loxogrammoideae H. Schneid
- Genus: *Loxogramme* (Blume) C. Presl

3. Species:

Global: Accepted (22), unassessed (48)

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): $x=35^{2,6,8,10,11,12,13,14}$, $36^{1,2,8,15,16,17}$

10. Zygotic chromosome number(s): $2n=72^{15}$,

144^8

11. Gametic chromosome number(s): $n=35^{2,6,8,10,11,12,13,14}$,

$36^{1,2,8,15,16,17}$,

$70^{3,4,5,7,9,12,13}$,

$72^{2,8}$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/

Neocentric chromosomes):

13. Ploidy level: Diploid (sexual) 1,2,6,8,10,11,12,13,14,15,16,17 ,

Tetraploid (sexual) 2,3,4,5,7,8,9,12,13

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

16. Karyograms:

Meiosis: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17

17. Banding pattern(s):

bands¹²¹

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: