

1. Genus: *Actiniopteris* Link

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Pteridaceae E.D.M. Kirchn
- Subfamily: Pteridoideae C. Chr. ex Crabbe, Jermy & Mickel
- Genus: *Actiniopteris* Link

3. Species:

Global: Accepted (1), unassessed (3)

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): $x = 29$ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

10. Zygotic chromosome number(s): $2n=87^{1, 2, 3, 4, 5, 7, 8, 9, 10}$

11. Gametic chromosome number(s): $n=n=58^{6, 9}$, $87^{1, 2, 3, 4, 5, 7, 9, 10}$

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

13. Ploidy level: Diploid (apogamous)⁹ , Triploid (apogamous)^{1, 2, 3, 4, 5, 7, 9, 10} ,
Tetraploid (sexual)⁶

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

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

16. Karyograms:

Meiosis: ^{1, 2, 3, 4, 5, 6, 7, 8, 9, 10}

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship of Chromosomes: DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information:Apogamous⁹