

Datasheet No. P-002.001
(Family: Genus)

1. Genus: *Calamaria* F. Boie

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Succlass: Lycopodiidae Bek.
- Order: Isoetales Prantl
- Family: Isoetaceae Reichenb.
- Subfamily:
- Genus: *Calamaria* F. Boie

3. Species:

Global: Accepted (7), Unassessed (8)

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): $x=11^{1, 2, 8, 9, 10, 12, 15}$

10. Zygotic chromosome number(s): $2n=22+1f^{1, 2, 8, 9, 10, 12, 15}$,

$23^{2, 8}$,

$33+1f^{1, 3, 4, 8, 9, 11, 13, 14, 16, 18}$,

$34^{6, 7}$,

$44+1f^{11, 13}$,

$66+1^{13}$,

11. Gametic chromosome number(s): $n=11+1^5$,

$22+1^9$,

13. Ploidy level:Diploid (apogamous)^{1, 5, 8, 9} ,

Diploid (aneuploid)⁸ ,

Triploid (sterile,hybrid) ^{1, 3, 4, 8, 10, 13, 14, 16, 17} ,

Triploid (aneuploid)⁸ ,

Tetraploid^{11,13} ,

Hexaploid (sterile, hybrid)¹³ ,

14. Nature of polyploidy (auto, segmental, allo, autoallo):Autotriploid, tetrasomic for 1 chron

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

16. Karyograms: 1, 6, 7, 9, 13

Meiosis:1, 5, 9, 11, 16, 17

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19.Phylogenetic relationship atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:

