

Datasheet No. P-030.021
(Family:Genus)

1. Genus:*Pellaea* Copel.

2. Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Pteridaceae E.D.M. Kirchn
- Subfamily: Cheilantheoideae W.C. Shieh
- Genus: *Pellaea*Copel.

3. Species:

Global: Accepted (50), unassessed (80)

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, 3, 6, 7, 9}

30 ^{2, 4, 5, 8}

10. Zygotic chromosome number(s): $2n=60$ ⁴

87 ^{6, 7}

120 ^{6, 7}

11. Gametic chromosome number(s): $n=29$ ¹

30 ^{2, 4, 5, 8}

58 ^{3, 9}

60 ^{6, 7}

87 ^{6, 7}

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

13. Ploidy level: Diploid (sexual)^{1, 2, 4, 5, 8}

Triploid (apogamous)^{6, 7}

Tetraploid^{3, 9, 6, 7}

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

16. Karyograms:

Meiosis: 1, 2, 3, 4, 5, 6, 7, 8, 9

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: