

## Genus Datasheet

DBT- Network Programme

Datasheet No. P-037.003  
(Family.Genus)

1. Genus: *Ceterach* Willd.

2. Systematic Position:  
Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Aspleniaceae Newman
- Subfamily:
- Genus: *Ceterach* Willd.

3. Species:

**Global:** 2 (accepted), 19 (unassessed)

**India:**

4. Taxonomic riddles:<sup>13, 22</sup>

5. Distribution:

**Global:**

**India:**

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

**Methodology**

2C: 15.80 pg<sup>17</sup> Flow cytometry<sup>17</sup>

9. Basic chromosome number(s):  $x=36$ <sup>1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 23</sup>

10. Zygotic chromosome number(s):  $2n=72$ <sup>5, 11, 144</sup><sup>4, 6, 8, 9, 10, 12, 19, 20, 216</sup><sup>12</sup>

**11. Gametic chromosome number(s):**  $n=36^{23}, 72^{1, 2, 3, 7, 14, 15, 16, 17, 21, 23}, 108^{13}$

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

**13. Ploidy level:** Diploid (sexual)<sup>5, 11, 23</sup>,

Tetraploid (sexual)<sup>1, 2, 3, 4, 6, 7, 8, 9, 12, 14, 15, 16, 17, 20, 21</sup>,

Hexaploid (sexual)<sup>12, 13</sup>

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

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

**16. Karyograms:**

**Meiosis:** <sup>1, 2, 3, 4, 6, 7, 12, 13, 14, 15, 16, 17, 20, 21, 23</sup>

**17. Banding pattern(s):**

**18. Physical mapping of chromosomes:**

**GISH:**

**19. Phylogenetic relationship at Chromosomal; DNA level:** <sup>13, 22</sup>

**22. Any other information:**