# Genus Datasheet

**Datasheet No. P-034.001** **DBT- Network Programme**
(Family.Genus)

**1. Genus:***Allantodia*R. Br.

**2. Systematic Position:**
**Christenhusz 2011**

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Diplaziopsidaceae X.C. Zhang &Christenh.
- Subfamily:
- Genus: *Allantodia*R. Br.

**3. Species:**

**Global:** 98 (accepted), 24 (unassessed)

**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=41[1, 2, 3, 4, 6, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 23, 24, 27, 28]

**10. Zygotic chromosome number(s):**2n=82[1, 6, 7, 8, 20, 21, 23, 24, 26] ,123[2, 6, 7, 8], 164[2, 6, 7, 8, 25] c.114[29]

**11. Gametic chromosome number(s):**n=41[1, 2, 3, 4, 6, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 23] 82[6, 7, 8, 19, 22, 25]

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

**13. Ploidy level:**Diploid (sexual) [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 14, 15, 16, 18, 20, 21, 23, 24, 26,

Diploid (apogamous)[6, 7, 8] ,

Triploid (apogamous)[2, 6, 7, 8],

Tetraploid (sexual) [19, 22, 25] ,

Tetraploid (apogamous) [2, 6, 7, 8] ,

Hexaploid ? (aneuploid) [29] ,

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

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

**16. Karyograms:** [26]

**Meiosis:**[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16,17, 19, 20, 23, 27]

**18. Physical mapping of chromosomes:**

**GISH:**

**19.Phylogenetic relationship atChromosomal; DNAlevel:**

**20. Cytogenetic mechanism (s) underlying evolution:**

**21. Linkage map:**

**22. Any other information:**Apogamous[2, 6, 7, 8]