

# Genus Datasheet

Datasheet No. A-074.004  
(Family:Genus)

DBT- Network Programme

1. Genus:*Furcraea*Vent.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family:AsparagaceaeJuss.
- Genus:*Furcraea*Vent.

Bentham and Hooker(1862)

Kingdom: Plantae  
Division:Phanerogamia  
Class: Monocotyledones  
Series: Epigynae  
Ordo: AmaryllideaeDumort.  
Genus: *Furcraea*Vent.  
Species: *C. lorifolium* Roxb. exKerGawl.

3. Species:

Global:23

India:1

4. Taxonomic riddles:

5. Distribution:

Global: North -South America to Peru, extending to east Central Mexico, Antilles, and East Brazil.

India: North to East India

6. Habit and Habitat:Herb. Tropical moist forest

7.Economic Importance:Planted for hedges in S. Portugal and naturalized

8. DNA content range:

2C

4C

Methodology:

9. Basic chromosome number(s): $x = 30$ <sup>1,4</sup>

10.Zygotic chromosome number(s): $2n = 18$ <sup>1, 2</sup>

$2n = 34$ <sup>1</sup>

$2n = 60$ <sup>1,3,4,5,6</sup>

11. Gametic chromosome number(s):

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytenechromosomes/ Neocentric chromosomes):

**13. Ploidy level:**Diploid<sup>1</sup>

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

**15. Aberrantchromosomenumber(s) (aneuploidy,aneusomaty, polysomaty):**Aneuploidy<sup>1</sup>

**16.Karyograms:**

**Meiosis:**

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

**18. Physical mapping of chromosomes:**

**GISH:**

**19.Phylogenetic relationship atChromosomal; DNA level:**

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

**21. Linkage map:**

**22. Any other information:**