

# Genus Datasheet

CalU+SUK-Phase I

DatasheetNo. A-091.001  
(Family.Genus)

DBT- Network Programme

1. Genus:*Bromelia* L.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocot
- Order: PoalesSmall
- Family:BromeliaceaeJuss.
- Subfamily: Bromelioideae
- Genus:*Bromelia* L.

Bentham and Hooker(1862)

Kingdom: Plantae  
Division:Phanerogamia  
Class:Monocotyledones  
Series: Epigynae  
Ordo:Bromeliaceae  
Genus: *Bromelia* L.

3. Species:

Global:72

India:1

4. Taxonomic riddles:

5. Distribution:

Global: Mexico, the Caribbean, Central and South America; Florida and Hawaii, India, Philippines

India: Bihar, Uttar Pradesh, Sri Lanka

6. Habit and Habitat:Herb

7.Economic Importance:Used as an ornamental plant

8. DNA content range:

2C

4C

Methodology:

9.Basic chromosome number(s): $x=8^3$

10.Zygotic chromosome number(s): $2n=96^1$

11. Gametic chromosome number(s):  $n=48^2$

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

13. Ploidy level:

14. Nature of polyploidy (auto, segmental, allo, autoallo):
15. Aberrant chromosomenumber(s) (aneuploidy,aneusomaty, polysomaty):
16. Karyograms: Meiosis:<sup>2</sup>
17. Banding pattern(s):
18. Physical mapping of chromosomes: GISH:
19. Phylogenetic relationship at Chromosomal; DNA level: DNA level<sup>4,5,6</sup>
20. Cytogenetic mechanism(s) underlying evolution
21. Linkage map:
22. Any other information: Total number of species with reports = 1/1