

Genus Datasheet

Datasheet No. A-030.006
(Family/Genus)

DBT- Network Programme

1. Genus: *Butomopsis* Kunth

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Alismatales R. Br. ex Bercht. & J. Presl
- Family: Alismataceae Vent.
- Genus: *Butomopsis* Kunth

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Apocarpae
Ordo: Alismaceae
Genus: *Butomopsis* Kunth

3. Species:

Global: 1

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Tropical Africa to North Botswana, Tropical Asia to North Australia

India: Throughout the plains of India

6. Habit and Habitat: Annual hydrophyte herb. Occurs in muddy soils, streams, rivers, lakes, marshes, and paddy fields.

7. Economic Importance:

8. DNA content range:

2C

4C

Methodology:

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=14$ ^{1,2}

11. Gametic chromosome number(s): $n=7$ ¹

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

13. Ploidy level:

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

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

16. Karyograms:

Meiosis:

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: