

Genus Datasheet

Datasheet No. A-098.005
(family,genus,species)

DBT- Network Programme

1. **Genus:***Blysmus* Panz.ex J.A. Schultes

2. **Systematic position:APG IV; Bentham and Hooker:**

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Blysmus* Panz.ex J.A. Schultes

Bentham and Hooker(1862)

Kingdom: Plantae
Division:Phanerogamia
Class: Monocotyledones
Series: Glumaceae
Ordo: Cyperaceae Juss.
Genus: *Blysmus* Panz.ex J.A. Schultes

3. **Species:**

Global:18

India: 01

4. **Taxonomic riddles:**

5. **Distribution:**

Global:Europe, Iran, Pakistan, Nepal, N. India, S.W. China.

India:North India

6. **Habit and Habitat:**Perennial herbs

7.**Economic Importance:**

8. **DNA content range:**

2C:

4C:

Methodology

9. **Basic chromosome number(s):** $x=14^1$

10. **Zygotic chromosome number(s):** $2n=44^{2,3,4}79^5$

11. Gametic chromosome number(s): $n=22^1$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes Neocentric 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 atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:Aneuploidy¹

21. Linkage map:

22. Any other information: