

# Species Datasheet

Datasheet No. A-098.005.002  
(family.genus.species)

DBT- Network Programme

**1. Taxon:** *Blysmus* Panz.ex J.A. Schultes  
Species: *B. compressus* (L.) Panz.ex Link.  
Subspecies:  
Variety: *Blysmus compressus* var. *brevifolia* (Decne.) Karthik.  
Cultivar:  
Hybrid:  
Image file

**2. Synonyms:**

**3. 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
- Species: *B. compressus*

**Bentham and Hooker(1862)**

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

**4. Distribution:**

**Global**

**India**

**5. Indigenous/Exotic/Endemic; Cultivated/Wild:**

**6. Threat Status:**

**IUCN**

**BSI**

**7. Habit and Habitat:**

**8. Life Form:**

**9. Economic Importance:**

**10. Probable Progenitor of:**

**11. DNA**

**C-value Methodology:**

**12. Basic chromosome number(s):**  $x=$

**13. Zygotic chromosome number(s):**  $2n=$

**14. Gametic chromosome number(s):**  $n=$

**15. Specialized chromosomes (B chromosomes/Sex chromosomes/polytene chromosomes/Neocentric chromosomes):**

Image file

**16. Ploidy level:**

Image file

**17. A gametoploidy:**

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

**19. Genomic formula:**

**20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):**

**21. Somatic chromosomes:**

**Karyotype:**

**Chromosome size:**

**NOR chromosome(s):**

**Degree of asymmetry:**

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

Image file

**23. Physical mapping of chromosomes:**

**In situ hybridization**

Image file

**Fluorescent in situ hybridization**

Image file

**24. Genomic in situ hybridization:**

Image file

**25. Linkage map:**

Image file

**26. Chromosome associations:**

**Female meiosis:**

**Male meiosis:**

Image file

**27. Chromosome distribution at anaphase I:**

**28. Genetic diversity:**

**Chromosomal level:**

Image file

**DNA level**

**29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):**