

Species Datasheet

Datasheet No. A-098.005.001
(family.genus.species)

DBT- Network Programme

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

2. Synonyms: *Aplostemon compressus* (L.) Raf., *Chaetosporacompressa* (L.) Gray, *Heleogiton compressa* (L.) Peterm., *Nomochloacompressa* (L.) Beetle, *Schoenus compressus* L., *Scirpus compressus* (L.) Pers., nom. illeg. *Scirpus distichus* Petrm.

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

India: North India

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

6. Threat Status:

IUCN: Vulnerable

BSI

7. Habit and Habitat: Herb

8. Life Form: Perennial

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology:

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

13. Zygotic chromosome number(s): $2n=44^{2,3,4,7,9^5}$

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

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

Image file

16. Ploidy level:

Image file

17. Agamete ploidy:

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:

Image file

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: $22\Pi^1$

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):