

Datasheet No. A-097.001.010
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Juncus compressus* Jacq.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Juncus bulbosus* var. *alpinus* Schur, *J. bulbosus* var. *compressus* (Jacq.) Regel, *J. compressus* f. *alpinus* (Schur) Soó, *J. compressus* f. *elongatus* Asch. & Graebn., *J. compressus* f. *euxinus* (Velen.) Hayek, *J. compressus* f. *laxus* (Asch. & Graebn.) Borza, *J. compressus* f. *longirepens* Zapal., *J. compressus* f. *tenuifolius* Zapal., *J. compressus* var. *dianthelus* K.Koch, *J. compressus* var. *euxinus* Velen., *J. compressus* var. *nudiculmis* F.W.Schultz, *J. compressus* var. *pseudogerardii* Jafri, *J. gramineus* Dumort., *J. metzleri* F.W.Schultz

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Poales Small
- Family: Juncaceae Juss.
- Genus: *Juncus* L.
- Species: *J. compressus* Jacq.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Monocotyledones
- Series: Calycineae
- Ordo: Juncaceae Juss.
- Genus: *Juncus* L.
- Species: *J. compressus* Jacq.

4. Distribution:

Global: Afghanistan, Albania, Altay, Amur, Austria, Baltic States, Belarus, Belgium, Bulgaria, Buryatiya, Central European Rus, China, Chita, Corse, Cyprus, Czechoslovakia, Denmark, East Aegean Island, East European Russia, Finland, France, Germany, Great Britain, Greece, Hungary, India, Iran, Ireland, Irkutsk, Italy, Japan, Kazakhstan, Kirgizstan, Korea, Krasnoyarsk, Krym, Mongolia, Netherlands, North Caucasus, North European Russia, Northwest European R, Norway, Pakistan, Poland, Portugal, Primorye, Qinghai, Romania, Sardegna, Sicilia, South European Russia, Spain, Sweden, Switzerland, Tadzhikistan, Transcaucasus, Turkey, Turkey-in-Europe, Turkmenistan, Tuva, Ukraine, Uzbekistan, West Himalaya, West Siberia, Xinjiang, Yakutskiya, Yugoslavia

India: Himachal Pradesh, Jammu and Kashmir

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Rhizomatous herb; prefers calcareous wetlands and is often associated with disturbed habitats, such as ditches, roadsides, railroads and canal banks

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. **Zygotic chromosome number(s):** $2n=40^{21}$; $2n=44^{3,5,22,23,24}$

14. **Gametic chromosome number(s):**

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

Image file

16. **Ploidy level:**

Image file

17. **Agametoploidy:**

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

19. **Genomic formula:**

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

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

Image file

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

28. **Genetic diversity:**

Chromosomal level

Image file

DNA level

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