

Datasheet No. A-097.001.021
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Juncus maritimus* Lam.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Juncus broteri* Steud., *J. maritimus* var. *atlanticus* J.W.White, *J. maritimus* var. *congestus* L.B.Hall, *J. maritimus* var. *luxurians* Lojac., *J. maritimus* var. *nervatus* Lojac., *J. maritimus* var. *ponticus* (Steven) Nyman, *J. pau* Sennen, *J. ponticus* Steven, *J. pseudacutus* Pau, *J. spinosus* var. *congestus* (L.B.Hall) Druce, *Schoenus coarctatus* Seenus

3. Systematic Position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

4. Distribution:

Global: Afghanistan, Albania, Austria, Azores, Balears, Belgium, Bulgaria, Corse, Cyprus, Denmark, East Aegean Island, France, Germany, Great Britain, Greece, Hungary, India, Iran, Ireland, Italy, Kriti, Krym, Netherlands, North Caucasus, Palestine, Portugal, Romania, Sardegna, Sicilia, Spain, Sweden, Tadjhikistan, Transcaucasus, Turkey, Turkey-in-Europe, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia

India: Gujarat, Jammu and Kashmir, Maharashtra, Rajasthan

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Rhizomatous herb; freshwater habitat

8. Life Form:

9. Economic Importance: Used for ornamentation

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): 2n=40^{19,33,34}; 2n=48^{9,35,36}

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, 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

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; Translocation etc):