

**Datasheet No. A-097.001.032**  
(family.genus.species)

**DBT- Network Programme**

**1. Taxon:**

Species: *Juncus triglumis* L.

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Juncus gotscharovii* Sunnev., *J. triglumis* f. *acutiusculus* (Norman) Neuman, *J. triglumis* var. *acutiusculus* Norman, *J. triglumis* var. *copelandii* Buchenau, *J. triglumis* var. *fuscatus* Regel, *J. triglumis* var. *nigricans* Regel, *J. triglumis* var. *triglumis*, *J. triglumis* var. *typicus* Buchenau, *Tristemon simplex* Raf.

**3. Systematic Position:**

**APG IV (2016)**

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

**Bentham and Hooker (1862)**

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

**4. Distribution:**

**Global:** Alaska, Alberta, Aleutian Is., Altay, Austria, British Columbia, Bulgaria, Buryatiya, China, Chita, Colorado, Czechoslovakia, East European Russia, East Himalaya, Finland, France, Føroyar, Germany, Great Britain, Greenland, Iceland, Idaho, India, Irkutsk, Italy, Japan, Kamchatka, Khabarovsk, Kirgizstan, Korea, Krasnoyarsk, Kuril Is., Labrador, Magadan, Manitoba, Mongolia, Montana, Nepal, New Mexico, Newfoundland, North Caucasus, North European Russi, Northwest Territorie, Norway, Nunavut, Ontario, Pakistan, Poland, Primorye, Qinghai, Québec, Romania, Sakhalin, Saskatchewan, Spain, Svalbard, Sweden, Switzerland, Tadzhikistan, Tibet, Transcaucasus, Tuva, Ukraine, Utah, Uzbekistan, West Himalaya, West Siberia, Wyoming, Xinjiang, Yakutskiya, Yukon

**India:** Himachal Pradesh, Jammu and Kashmir, Sikkim, Uttarakhand, West Bengal

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

**6. Threat Status:**

IUCN: Least concern

BSI:

**7. Habit and Habitat:** Rhizomatous herb; shallow, boggy pools and flushes

**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):**  $2n=44^{27}$ ;  $2n=50^{41}$ ;  $2n=c 134^{41}$

14. **Gametic chromosome number(s):** $n=65^{17}$

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; Translocationsetc):**