Datasheet No. A-097.001.015
(family.genus.species)

1. Taxon:

Species: *Juncus inflexus* L.
  Subspecies
  Variety
  Cultivar
  Hybrid

  Image file

2. Synonyms:

Juncus deangelisii Ten., *J. glaucus* Sibth., *J. glaucus* Ehrh. ex Wahlenb., *J. glaucus* f. *macrocarpus* Zapal., *J. glaucus* f. *virescens* Neuman, *J. glaucus* subsp. *angelisii* (Ten.) Arcang., *J. glaucus* subsp. *depauperatus* (Ten.) K.Richt., *J. glaucus* subsp. *longicornis* (Bastard) K.Richt., *J. glaucus* subsp. *paniculatus* (Hoppe ex Schult. & Schult.f.) Trab., *J. glaucus* var. *acutissimus* Buchenau, *J. glaucus* var. *equisetosus* (Dumort.) Nyman, *J. glaucus* var. *fasciculatus* Buchenau, *J. glaucus* var. *laxiflorus* Lange, *J. glaucus* var. *leptocarpus* (Buchenau) Buchenau, *J. glaucus* var. *longicornis* (Bastard) Grognot, *J. glaucus* var. *pallidus* Sond., *J. glaucus* var. *paniculatus* (Hoppe ex Schult. & Schult.f.) Bosch, *J. glaucus* var. *strictus* Spenn., *J. glaucus* var. *subglomeratus* G.Mey., *J. inflexus* f. *aggregatus* (Asch. & Graebn.) I.Grint., *J. inflexus* f. *melanocarpus* (G.Mey.) I.Grint., *J. inflexus* f. *pallidus* (Sond.) I.Grint., *J. inflexus* var. *depauperatus* (Ten.) I.Grint., *J. inflexus* var. *leptocarpus* (Buchenau) Zhi Y.Zhang, *J. inflexus* var. *longicornis* (Bastard) Täckh., *J. inflexus* var. *oligocarpus* (Asch. & Graebn.) I.Grint., *J.inflexus* var. *trimenii* Cout., *J. pallidus* Hoppe ex E.Mey., *J. paniculatus* Hoppe ex Schult. & Schult.f., *J. paniculatus* Hoppe ex Mert. & W.D.J.Koch, *J. paniculatus* subsp. *depauperatus* (Ten.) Nyman, *J. tenax* Banks & Sol. ex Sm., *J. tenax* [Soland.]

3. Systematic Position:

APG IV (2016)
- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Poales Small
- Family: Juncaceae Juss.
- Genus: *Juncus* L.
- Species: *J. inflexus* L.

Bentham and Hooker (1862)
- Kingdom: Plantae
- Division: Phanerogamia
- Class: Monocotyledones
- Series: Calycineae
- Ordo: Juncaceae Juss.
- Genus: *Juncus* L.
- Species: *J. inflexus* L.

4. Distribution:

Global: Afghanistan, Albania, Algeria, Austria, Baleares, Baltic States, Belarus, Belgium, Bulgaria, Canary Island, Cape Provinces, Central European Rus, China, Corse, Cyprus, Czechoslovakia, Denmark, East Aegean Island, East European Russia, France, Free State, Germany, Great Britain, Greece, Hungary, India, Iran, Iraq, Ireland, Italy, Kazakhstan, Kirgizstan, Kriti, Krym, Lebanon-Syria, Lesotho, Madagascar, Madeira, Mongolia, Morocco, Netherlands, North Caucasus, Northwest European R, Pakistan, Palestine, Poland, Portugal, Romania, Sardegna, Saudi Arabia, Sicilia, Sinai, South European Russi, Spain, Sweden, Switzerland, Tadzhikistan, Tibet, Transcaucasus, Tunisia, Turkey, Turkey-in-Europe, Turkmenistan, Ukraine, Uzbekistan, Xinjiang, Yemen, Yugoslavia, Zaïre

India: Sikkim, Tamil Nadu, Uttarakhand, Uttar Pradesh, West Bengal

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

6. Threat Status:

IUCN: Least concern

BSI:

7. Habit and Habitat: Rhizomatous herb; occurs in ponds, ditches, wet meadows, marshes and at the edges of permanent freshwater bodies

8. Life Form:

9. Economic Importance: Used in folk medicine

10. Probable Progenitor of:

11. DNA

    C-value   **Methodology**

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): 2n=20[29]; 2n=38[5]; 2n=40[3,13,24,25,30,31,32]

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 (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability;Translocationsetc):