

Genus Datasheet

CalU+SUK-Phase I

DatasheetNo. A-035.001
(Family.Genus)

DBT- Network Programme

1. Genus: *Triglochin* L.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Alismatales R. Br. ex Bercht. & J. Presl
- Family: Juncaginaceae Rich.
- Genus: *Triglochin* L.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Apocarpae
Ordo: Alismaceae
Genus: *Triglochin* L.

3. Species:

Global: 26

India: 2

4. Taxonomic riddles:

5. Distribution:

Global: Afghanistan, Alabama, Alaska, Albania, Alberta, Aleutian Island, Algeria, Altay, Amur, Angola, Argentina, Arizona, Austria, Bahamas, Balears, Baltic States, Belarus, Belgium, Bolivia, Brazil, British Columbia, Bulgaria, Buryatiya, California, Cape Provinces, Central European Rus, Chatham Island, Chile, China, Chita, Colombia, Colorado, Connecticut, Corse, Cuba, Cyprus, Czechoslovakia, Denmark, East Aegean Island, East European Russia, Ecuador, Finland, Florida, France, Føroyar, Georgia, Germany, Great Britain, Greece, Greenland, Hungary, Iceland, Idaho, Illinois, India, Inner Mongolia, Iowa, Iran, Iraq, Ireland, Irkutsk, Italy, Japan, Kamchatka, Kansas, Kazakhstan, Khabarovsk, Kirgizstan, Korea, Krasnoyarsk, Kriti, Krym, Kuril Island, KwaZulu-Natal, Labrador, Libya, Louisiana, Magadan, Maine, Malawi, Manchuria, Manitoba, Massachusetts, Mexico, Michigan, Minnesota, Mississippi, Mongolia, Montana, Morocco, Mozambique, Namibia, Nebraska, Nepal, Netherlands, Nevada, New Brunswick, New Hampshire, New Jersey, New Mexico, New South Wales, New York, New Zealand, Newfoundland, Norfolk Island, North Carolina, North Caucasus, North Dakota, North European Russi, Northern Provinces, Northern Territory, Northwest European R, Northwest Territorie, Norway, Nova Scotia, Nunavut, Ohio, Ontario, Oregon, Pakistan, Palestine, Pennsylvania, Peru, Poland, Portugal, Primorye, Prince Edward I., Qinghai, Queensland, Québec, Rhode I., Romania, Sakhalin, Sardegna, Saskatchewan, Sicilia, South Australia, South Carolina, South Dakota, South European Russi, Spain, Sweden, Switzerland, Tadzhikistan, Tanzania, Tasmania, Texas, Tibet, Transcaucasus, Tubuai Island, Tunisia, Turkey, Turkmenistan, Tuva, Ukraine, Uruguay, Utah, Uzbekistan, Vermont, Victoria, Virginia, Washington, West Siberia, Western Australia, Wisconsin, Wyoming, Xinjiang, Yakutskiya, Yugoslavia, Yukon, Zambia, Zaïre, Zimbabwe

India: Himalaya

6. Habit and Habitat: Herb; usually occurs in marshes that are brackish or have high concentra

7. Economic Importance:

8. DNA content range:

Methodology:

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=24^{4,9,10,14,15,16,17,18}$; $2n=26^{19}$; $2n=28^{20}$; $2n=36^8$;
 $2n=48^{1,2,3,4,5,6,7,10}$; $2n=96^1$; $2n=120^5$; $2n=144^{11}$

11. Gametic chromosome number(s): $n=12^{21}$; $n=24^{5,12}$; $n=48^{13}$; $n=60^5$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/ N chromosomes):

13. Ploidy level:

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

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

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: DNA level²²

20. Cytogenetic mechanism(s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 2/2