

Genus Datasheet

Datasheet No. A-416.043
(Family.Genus)

DBT- Network Programme

1. Genus:*Sium* L.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus:*Sium* L.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus:*Sium*L.

3. Species:

Global: 10

India: 1

4. Taxonomic riddles:

5. Distribution:

Global:Afghanistan, Alabama, Albania, Altay, Amur, Austria, Baltic States, Belarus, Belgium, Bulgaria, Buryatiya, Central European Rus, China South-Central, Chita, Colorado, Connecticut, Czechoslovakia, Denmark, Finland, France, Germany, Great Britain, Greece, Hungary, Illinois, India, Ireland, Irkutsk, Italy, Japan, Kamchatka, Kazakhstan, Kentucky, Khabarovsk, Kirgizstan, Korea, Krasnoyarsk, Krym, Maine, Masachusettes, Minnesota, Mongolia, Netherlands, New Hampshire, New Mexico, New York, North European Russi, Northwest European R, Nunavut, Pakistan, Pennsylvania, Poland, Primorye, Qinghai, Romania, Sakhalin, South European Russi, Spain, Sweden, Switzerland, Tadzhikistan, Tennessee, Tibet, Transcaucasus, Turkmenistan, Tuva, Ukraine, Uzbekistan, Vermont, West Himalaya, West Siberia, Yakutskiya, Yugoslavia, Chile Central, Chile North, Norway

India: Western Himalaya

6. Habit and Habitat:Herb

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=12^{1,2}$

11. Gametic chromosome number(s): $n=6^{3,4}$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/Neocentric 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 level⁵

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 1/1