

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-416.007

(Family.Genus)

DBT- Network Programme

1. Genus: *Apium* L.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 17

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Afghanistan, Albania, Algeria, Amsterdam-St.Paul Island, Antipodean Island, Argentina Northeast, Argentina Northwest, Argentina South, Austria, Azores, Balears, Belgium, Bolivia, Brazil, Bulgaria, Canary Island, Cape Provinces, Chad, Chatham Island, Chile, Corse, Cyprus, Czechoslovakia, Denmark, Desventurados Island, East Aegean Island, Easter Island, Ecuador, Egypt, Eritrea, Ethiopia, Falkland Island, France, Germany, Great Britain, Greece, Gulf States, Hungary, Iran, Iraq, Ireland, Italy, Juan Fernández Island, Kazakhstan, Kermadec Island, Kirgizstan, Kriti, Krym, Lebanon-Syria, Libya, Madeira, Morocco, Myanmar, Namibia, Netherlands, New South Wales, New Zealand, Norfolk Island, Oman, Palestine, Paraguay, Poland, Portugal, Queensland, Sardegna, Saudi Arabia, Sicilia, Somalia, South Australia, South European Russia, Spain, Sweden, Switzerland, Tadzhikistan, Tanzania, Tasmania, Transcaucasus, Tristan da Cunha, Tunisia, Turkey, Turkmenistan, Ukraine, Uruguay, Uzbekistan, Victoria, West Himalaya, Western Australia, Yemen, Yugoslavia, Bangladesh, Bermuda, Botswana, Buryatiya, Cameroon, Cape Verde, Central European Russia, China South-Central, Cuba, Dominican Republic, Finland, Free State, Guatemala, Hainan, Haiti, India, KwaZulu-Natal, Lesotho, Mexico Northwest, Mozambique, New Mexico, Northern Provinces, Norway, Peru, Puerto Rico, Réunion, Sinai, Socotra, St.Helena, Trinidad-Tobago

India: Himachal Pradesh, Jammu and Kashmir, Panjab, Uttar Pradesh

6. Habit and Habitat: Herb

7. Economic Importance:

8. DNA content range:

Methodology

4C

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=21^1$; $2n=22^{2,3,4}$

11. Gametic chromosome number(s): $n=11^5$

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:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

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