

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-416.014
Programme

DBT- Network

(Family.Genus)

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1. Genus:*Cnidium* Cusson ex Juss.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus:*Cnidium* Cussonex Juss.

Bentham and Hooker (1862)

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

3. Species:

Global: 7

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Alaska, Albania, Altay, Amur, Assam, Bangladesh, British Columbia, Bulgaria, Buryatiya, China, Chita, East Aegean Island, East Himalaya, France, Greece, India, Inner Mongolia, Irkutsk, Italy, Japan, Kamchatka, Khabarovsk, Korea, Krasnoyarsk, Kriti, Laos, Lebanon-Syria, Magadan, Manchuria, Mongolia, Northwest Territorie, Primorye, Qinghai, Romania, Switzerland, Taiwan, Tibet, Turkey, Vietnam, Yakutskiya, Yugoslavia, Yukon, Czechoslovakia

India: Assam, Meghalaya

6. Habit and Habitat:Herb

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=12^4$; $2n=20^{1,2,3}$; $2n=24^4$; $2n=36^4$; $2n=48^4$; $2n=72^4$

11. Gametic chromosome number(s): $n=6^4$; $n=12^4$; $n=18^4$; $n=24^4$; $n=36^4$

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:**⁴

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 report = 1/1