

Genus Datasheet

Datasheet No. A-416.042
(Family.Genus)

DBT- Network Programme

1. **Genus:***Sinocarum* H. Wolff ex R.H.Shan & F.T. Pu.

2. **Systematic position:**

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus:*Sinocarum* H.Wolff ex R.H.Shan & F.T.Pu

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus:*Sinocarum* H.Wolff ex R.H.Shan & F.T.Pu
-

3. **Species:**

Global: 18

India: 11

4. **Taxonomic riddles:**

5. **Distribution:**

Global:China, India, Myanmar, Nepal, Tibet

India: Central andEastern Himalaya

6. **Habit and Habitat:**Herb

7.**Economic Importance:**

8. **DNA content range:**

2C

4C

Methodology

9. **Basic chromosome number(s):**

10. **Zygotic chromosome number(s):** $2n=22^1$

11. **Gametic chromosome number(s):**

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 atChromosomal; DNAlevel:DNA level²

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 1/11