

Genus Datasheet

Datasheet No. A-416.037
(Family.Genus)

DBT- Network Programme

1. Genus: *Sanicula* L.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 47

India: 3

4. Taxonomic riddles:

5. Distribution:

Global: Alabama, Albania, Algeria, Altay, Amur, Argentina Northwest, Argentina South, Austria, Azores, Baltic States, Belarus, Belgium, Bolivia, Bulgaria, Burundi, California, Cameroon, Cape Provinces, Central European Rus, Chile, China, Colombia, Colorado, Comoros, Corse, Costa Rica, Czechoslovakia, Denmark, East Himalaya, Ecuador, El Salvador, Eritrea, Ethiopia, Finland, France, Free State, Germany, Great Britain, Greece, Guatemala, Gulf of Guinea Island, Hawaii, Honduras, Hungary, Iceland, Illinois, India, Ireland, Italy, Japan, Jawa, Kazakhstan, Kentucky, Kenya, Khabarovsk, Korea, Krym, Kuril Island, KwaZulu-Natal, Laos, Lesotho, Lesser Sunda Island, Madagascar, Malawi, Mexico Central, Mexico Gulf, Mexico, Morocco, Mozambique, Myanmar, Nansei-shoto, Netherlands, New Mexico, Nicaragua, Northern Provinces, Northwest European R, Norway, Oregon, Panamá, Peru, Poland, Portugal, Primorye, Romania, Rwanda, Sardegna, Sicilia, Spain, Sudan, Sumatera, Swaziland, Sweden, Switzerland, Taiwan, Tanzania, Tennessee, Tunisia, Turkey-in-Europe, Uganda, Ukraine, Venezuela, Vermont, Vietnam, Washington, West Siberia, Yemen, Yugoslavia, Zambia, Zaïre, Zimbabwe

India: Himalaya, North East India, Peninsular India

6. Habit and Habitat: Herb

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=16^{1,2,3,4}$, $2n=32^{5,6,7}$

11. Gametic chromosome number(s): $n=8^{1,3,5}$

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 atChromosomal; DNAlevel:DNA level⁸

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information:Total number of references = 1/3