

Genus Datasheet

Datasheet No. A-416.041
(Family:Genus)

DBT- Network Programme

1. Genus:*Seseli* L.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 141

India: 5

4. Taxonomic riddles:

5. Distribution:

Global: Afghanistan, Albania, Algeria, Altay, Amur, Austria, Baltic States, Bangladesh, Belarus, Belgium, Bulgaria, Buryatiya, Central European Rus, China South-Central, Chita, Corse, Czechoslovakia, Denmark, East Aegean Island, East European Russia, Finland, France, Germany, Great Britain, Greece, Hungary, India, Iran, Irkutsk, Italy, Japan, Kazakhstan, Khabarovsk, Kirgizstan, Korea, Krasnoyarsk, Kriti, Krym, Laos, Libya, Manchuria, Mongolia, Morocco, Myanmar, North Caucasus, North European Russia, Northwest European R, Norway, Pakistan, Poland, Portugal, Primorye, Qinghai, Romania, Sakhalin, Sardegna, Sicilia, Somalia, South European Russia, Spain, Sweden, Switzerland, Tadzhikistan, Thailand, Tibet, Transcaucasus, Tunisia, Turkey, Turkey-in-Europe, Turkmenistan, Tuva, Ukraine, Utah, Uzbekistan, West Himalaya, West Siberia, Xinjiang, Yakutskiya, Yugoslavia

India: Himalaya and Plains of India

6. Habit and Habitat: Herb

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=22^{4,5,6,9,11}$; $2n=26^7$

11. Gametic chromosome number(s): $n=9^{1,2,3}$; $n=11^{8,10}$

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 level¹²

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 4/5