

Genus Datasheet

Datasheet No. A-416.033
(Family.Genus)

DBT- Network Programme

1. Genus:*Pleurospermum* Hoffm.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 6

India: 4

4. Taxonomic riddles:

5. Distribution:

Global:Altay, Austria, Baltic States, Belarus, Bulgaria, Buryatiya, China South-Central, Chita, Czechoslovakia, East European Russia, East Himalaya, France, Germany, Hungary, Irkutsk, Italy, Kamchatka, Kazakhstan, Khabarovsk, Kirgizstan, Korea, Krasnoyarsk, Kuril Island, Mongolia, Myanmar, Nepal, North European Russi, Poland, Primorye, Romania, Sakhalin, South European Russi, Sweden, Switzerland, Tibet, Tuva, Ukraine, Uzbekistan, West Himalaya, West Siberia, Yakutskiya, Yugoslavia

India: 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): $2n=18^{1,4}$; $2n=22^{2,5}$

11. Gametic chromosome number(s): $n=11^3$

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: DNA level⁶

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 2/4