

Genus Datasheet

Datasheet No. A-416.022
(Family.Genus)

DBT- Network Programme

1. Genus:*Heracleum* L.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 148

India: 7

4. Taxonomic riddles:

5. Distribution:

Global: Afghanistan, Alaska, Albania, Aleutian Island, Algeria, Altay, Amur, Austria, Belgium, Bulgaria, Buryatiya, Chita, Colorado, Czechoslovakia, Denmark, East European Russia, Eritrea, Ethiopia, Finland, France, Germany, Great Britain, Greece, Hungary, Illinois, India, Ireland, Irkutsk, Italy, Kamchatka, Kazakhstan, Kentucky, Kenya, Khabarovsk, Kirgizstan, Korea, Krasnoyarsk, Krym, Kuril Island, Laos, Malawi, Mongolia, Morocco, Myanmar, Netherlands, New Mexico, Norway, Pakistan, Poland, Portugal, Primorye, Romania, Sakhalin, Sicilia, Spain, Sudan, Switzerland, Tadzhikistan, Tanzania, Tennessee, Transcaucasus, Turkey, Tuva, Uganda, Ukraine, Uzbekistan, Vermont, West Himalaya, West Siberia, Yakutskiya, Yugoslavia, Zaïre, Argentina South, Haiti, New Zealand, Sweden

India: Himalaya, North East India, Peninsular India

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): $2n=22^{1,2,3,4,10}$; $2n=40^7$

11. Gametic chromosome number(s): $n=11^{4,5}$

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 at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 3/7