

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-416.019

(Family.Genus)

DBT- Network Programme

1. Genus:*Elwendia* Boiss.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 27

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Afghanistan, India, Iran, Iraq, Kazakhstan, Kirgizstan, Pakistan, Tadzhikistan, Transcaucasus, Turkey, Turkmenistan, Uzbekistan, Xinjiang

India: Himachal Pradesh, Jammu and Kashmir

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): $2n=14^{1,2,3,4}$; $2n=22^5$

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 at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

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