

Species Datasheet

Datasheet No. P-042.016.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Oreopteris elwesii* (Baker) Holttum

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Dryopteris elwesii (Baker) Kuntze

Lastrea elwesii (Baker) Bedd.

Nephrodium elwesii Baker

Thelypteris elwesii (Baker) Ching

3. Systematic Position:

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- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Thelypteridaceae Pic. Serm.
- Subfamily:
- Genus: *Oreopteris* Holub
- Species: *Oreopteris elwesii* (Baker) Holttum
- Subspecies:
- Variety:

4. Distribution:

Global: India, China (Yunnan)

India: Sikkim

5. Indigenous/Exotic/Endemic; Cultivated/Wild:

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Streamsides in subalpine coniferous forests; ca. 3100 m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value	Methodology
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12.Basic chromosome number(s): $x=34^{3, 4, 5}$

13. Zygotic chromosome number(s): $2n=$

14. Gametic chromosome number(s): $n=34^{3, 4, 5}$

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level:Diploid (sexual) $^{3, 4, 5}$

Image file

17. Agametoploidy:

18. Nature of polyploidy (auto, segmental, allo, autoallo):

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

21. Somatic chromosomes:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

Image file

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization:

Image file

24. Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26. Chromosome associations:

Female meiosis

Male meiosis $34\text{II}^3, 4, 5$

Image file

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):