

Species Datasheet

Datasheet No. P-049.001.005
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Oleandra wallichii* (Hook.) C. Presl

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

3. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Oleandraceae Ching ex Pic. Serm.
- Subfamily:
- Genus: *Oleandra* Cav.
- Species: *Oleandra wallichii* (Hook.) C.Presl
- Variety

4.Distribution:

Global: Himalayas to Northern Thailand, Yunnan and Taiwan, 1600 to 3600 m. India, Nepal, Bhutan, China (Yunnan, Taiwan), Thailand.

India: Himalayas

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Sprawling habit, mostly epiphytic, on mossy trunks, also on cliff faces or boulders.

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=41^{2, 5, 6, 10}$

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

14. Gametic chromosome number(s): $n=41^{2, 5, 6, 10}$

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

Image file

16.Ploidylevel:Diploid (sexual) ^{2, 5, 6, 10}

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 ^{41 II^{2, 5, 6, 10}}

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.):