## **Species Datasheet**

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# Datasheet No. P-051.026.003 (family.genus.species)

**DBT- Network Programme** 

1.Taxon:

Species: Microsorum pteropus (Blume) Copel.

Subspecies: Variety: Cultivar Hybrid

Image file

2. Synonyms:Nil

### 3. Systematic Position:

#### **Christenhusz 2011**

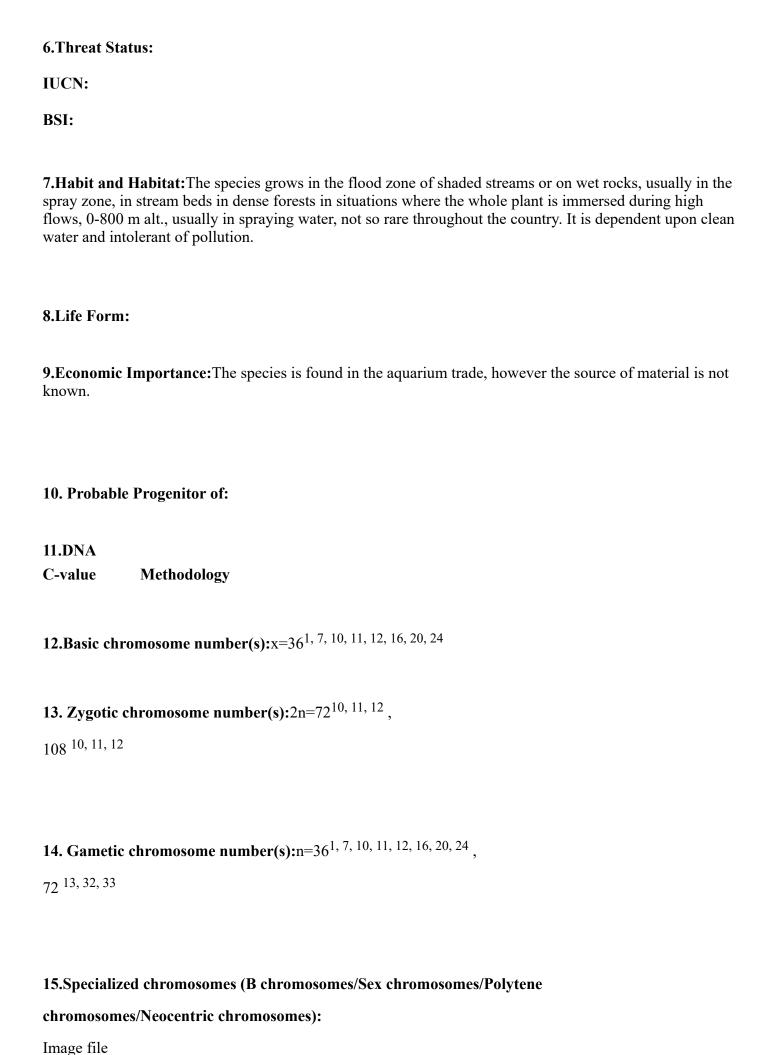
- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl& C. Presl
- Subfamily: Microsoroideae B.K. Nayar
- Genus: Microsorum Link
- Species: Microsorum pteropus (Blume) Copel.
- Subspecies:
- Variety:

#### 4. Distribution:

Global: Bangladesh; Cambodia; China (Guangdong, Guangxi, Guizhou, Yunnan); Hong Kong; India; Indonesia; Japan; Lao People's Democratic Republic; Malaysia; Myanmar (Myanmar (mainland)); Nepal; Papua New Guinea (Papua New Guinea (main island group)); Philippines; Taiwan, Province of China (Taiwan, Province of China (main island)); Thailand; Viet Nam

India: Andaman Is., Arunachal Pradesh, Assam, Kerala, Meghalaya, Nicobar Is., Sikkim, Tamil Nadu

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



<b>16.Ploidylevel:</b> Diploid (sexual) <sup>1, 7, 10, 11, 12, 16, 20, 24,</sup>
Triploid (sterile hybrid) <sup>10, 11, 12</sup> ,
Tetraploid (sexual) <sup>13, 32, 33</sup> ,
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
<b>Male meiosis</b> Diploid: 36II <sup>7, 10, 11, 12, 16</sup> ,
Triploid: Irregular meiosis 10, 11, 12
Tetraploid: 72II <sup>32, 33</sup>
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; Translocationsetc.):