

Species Datasheet

Datasheet No. P-051.002.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Belvisia mucronata* Copel.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Acrostichum spicatum* var. *schneideri* F.M. Bailey](#)

[*Belvisiacallifolia* \(Christ\) Copel.](#)

[*Belvisiaformosana* \(Ogata\) Ching](#)

[*Belvisiamelanesica* Brownlie](#)

[*Belvisiaminor* \(Copel.\) Copel.](#)

[*Belvisiavaupelii* \(Hieron. ex C. Chr.\) Copel.](#)

[*Hymenolepiscallifolia* Christ](#)

[*Hymenolepisformosana* Ogata](#)

[*Hymenolepisminor* Copel.](#)

[*Hymenolepismucronata* f. *australiensis* C. Chr.](#)

[*Hymenolepismucronata* f. *graminifolia* \(Rosenst.\) C. Chr.](#)

[*Hymenolepismucronata* f. *helocharidioides* C. Chr.](#)

[*Hymenolepismucronata* f. *latior* C. Chr.](#)

[*Hymenolepismucronata* var. *nigropunctata* C. Chr.](#)

[*Hymenolepisspicata* var. *bakhuizenii* Alderw.](#)

[*Hymenolepisspicata* var. *graminifolia* Rosenst.](#)

[*Hymenolepisspicata* f. *longipaleacea* Alderw.](#)

[*Hymenolepisspicata* var. *novoguineensis* Rosenst.](#)

[*Hymenolepisspicata* f. *schneideri* \(F.M. Bailey\) Alderw.](#)

[*Hymenolepisspicata* var. *squamulifera* Alderw.](#)

[*Hymenolepisvaupelii* Hieron. ex C. Chr.](#)

[*Macroplethuscallifolius* \(Christ\) Tagawa](#)

[*Macroplethusbucronatus* Tagawa](#)

[*Macroplethusvaupelii* \(Hieron. ex C. Chr.\) Tagawa](#)

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl & C. Presl
- Subfamily: Microsoroideae B.K. Nayar
- Genus: *Belvisia* Mirb.
- Species: *Belvisia mucronata* Copel.
- Subspecies:
- Variety:

4.Distribution:

Global: Ceylon, Indochina, Taiwan, throughout Malesia, Australia. Pacific Islands: Palau Is., Marianas, Fiji, Tonga, Samoa, Cook Is., Tahiti, Tubuai, Raivavae, Marquesas.

India: Eastern Himalayas

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Epiphytic on all kinds of trees or on rocks. In primary and secondary forest; altitude 0-1500

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value

Methodology

12.Basic chromosome number(s): $x=35$ ¹

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s): $n=35^1$

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

Image file

16.Ploidylevel:Diploid (sexual)¹

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^{35II¹}

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.):