Species Datasheet

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Datasheet No. P-051.025.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Loxogramme avenia* C. Presl (unresolved)

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: Loxogrammoideae H. Schneid
- Genus: *Loxogramme* (Blume) C.Presl
- Species: *Loxogramme avenia* C.Presl (unresolved)
- Subspecies
- Variety

4.Distribution:

Global: Burma, Indochina, throughout Malaysia

India: Northeastern Himalayas (Meghalaya, Khasi, Jaintia Hills)

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: On mossy tree trunks or on muddy rocks in dense evergreen forests usually near streams at low altitudes lower than 300 m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology**

12.Basic chromosome number(s):x=35[12, 13, 14]

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

14. Gametic chromosome number(s):n=35[12, 13, 14]

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

Image file

16.Ploidy level: Diploid (sexual) [12, 13, 14]

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 35II[12, 13, 14]

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.):