

Species Datasheet

Datasheet No. A-061.096.002
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Smithsoniastraminea*C.J.Saldanha

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:*Loxoma straminea* (C.J.Saldanha) Pradhan, *Gastrochilus stramineus* (Saldanha) R.Rice

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeae
- Subtribe: Aeridinae
- Genus: *Smithsonia* C.J.Saldanha
- Species: *Smithsonia straminea* C.J.Saldanha

4.Distribution:

Global:India

India: Goa, Karnataka, Kerala, Maharashtra

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

6.Threat Status:

IUCN:

BSI:Endemic

7.Habit and Habitat:Epiphytic herb, evergreen and semi evergreen forests

8.Life Form:Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s):x=

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

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

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

Image file

16.Ploidy level:

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

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.):