

Species Datasheet

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Datasheet No. G-011.002.001
(family.genus.species)

1.Taxon:

Species: *Callitris canescens*(Parl.) S.T. Blake

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:***Callitris morrisonii* R.T.Baker, *Frenela canescens* Parl.

3.Systematic Position:

Christenhusz et al. (2011)

- Class: Equisetopsida C. Agardh
- Subclass: Pinidae Cronquist
- Order: Cupressales Link
- Family: Cupressaceae Gray
- Genus: *Callitris* Vent.
- Species: *C. canescens*(Parl.) S.T. Blake

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Gymnospermeae
Ordo: Coniferae
Tribus: Cupressineae
Genus: *Callitris* Vent.
Species: *C. canescens*(Parl.) S.T. Blake

4.Distribution:

Global: Western Australia

India:

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

6.Threat Status:

IUCN: Least concern

BSI:

7. **Habit and Habitat:** Small tree or shrub (6 m tall), A small tree or shrub usually found in dwarf shrubland on low ridges, near rock outcrops and on slopes around salt lakes. Often found in strips of remaning vegetation between roads and ploughed fields or in disturbed vegetation.

8.LifeForm:Phanerophytes

9.EconomicImportance:This species has been used for dendroclimatological studies

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=11^{3, 6}$

13. Zygotic chromosome number(s): $2n=22^6$

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

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

Image file

16.Ploidy level: Diploid⁶

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:⁶

Karyotype Median & submedian⁶

Chromosome size Large⁶

NOR chromosome(s) 2⁶

Degree of asymmetry Symmetrical⁶

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.):