

Species Datasheet

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Datasheet No. G-011.002.003
(family.genus.species)

1.Taxon:

Species: *Callitris endlicheri* (Parl.) F.M. Bailey

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Callitris calcarata* R.Br. ex F.Muell., *C. pyramidalis* Sweet, *Frenela calcarata* A.Cunn. exMirb., *F. endlicheri* Parl., *F. endlicheri* var. *mucronata* (Parl.) Benth., *F. gunnii* var. *mucronata* Parl., *F. rigida* Endl., *Juniperus ericoides* Nois. exDesf., *J. rigida* Nois.exDesf.

3.Systematic Position:

Christenhuszet *al.* (2011)

- Class: Equisetopsida C. Agardh
- Subclass: PinidaeCronquist
- Order: Cupressales Link
- Family:Cupressaceae Gray
- Genus: *Callitris*Vent.
- Species: *C. endlicheri*(Parl.) F.M. Bailey

Bentham and Hooker (1862)

Kingdom: Plantae
Division:Phanerogamia
Class: Gymnospermeae
Ordo: Coniferae
Tribus:Cupressineae
Genus: *Callitris*Vent.
Species: *C.endlicheri*(Parl.) F.M. Bailey

4.Distribution:

Global: Australia

India:

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

6.Threat Status:

IUCN: Least concern

BSI:

7.Habit and Habitat: Tree, Grows on stony hills or ridges

8.Life Form:Phanerophytes

9.Economic Importance:Previously used for fencing and other rural uses, sometimes used for craft work.

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=11^{3, 4, 6}$

13. Zygotic chromosome number(s): $2n=22^{4, 6}$

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

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

Image file

16.Ploidy level: Diploid ^{4, 6}

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:^{4, 6}

KaryotypeMedian or submedian^{4, 6}

Chromosome sizeLarge^{4, 6}

NOR chromosome(s)

Degree of asymmetrySymmetrical^{4, 6}

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.):