

Species Datasheet

Datasheet No. G-007.005.007
(family.genus.species)

1.Taxon:

Species: *Pinus devoniana* Lindl.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. Synonyms:*Pinus devoniana* subsp. *procera* (Martinez) Silba, *P.devoniana* subsp. *quevedoi* (Martinez) Silba, *P.devoniana* subsp. *tumida* (Martinez) Silba, *P.devoniana* subsp. *wincesteriana* (Gordon) Silba, *P.filifolia* Lindl., *P.grenvilleae* Gordon, *P.macrophylla* Lindl., *P.magnifica* Roehl, *P.michoacaensis* Roehl, *P.michoacana* Martínez, *P.michoacana* var. *cornuta* Martínez, *P.michoacana* f. *nayaritana* Martínez, *P.michoacana* f. *procera* Martínez, *P.michoacana* var. *quevedoi* Martínez, *P.michoacana* f. *tumida* Martínez, *P.montezumae* var. *macrophylla* (Lindl.) Parl., *P.nec-plus-ultra* Roehl, *P.ocampii* Roehl, *P.pawlikowskiana* Roehl ex Carriere, *P.pawlikowskiana* Roehl ex Gordon, *P.pawlowskiana* Roehl ex Carriere, *P.quevedoi* (Martínez) Gaussen, *P.skinneri* Forbes ex Gordon, *P.verschaffeltii* Roehl ex Carriere, *P.wincesteriana* Gordon, *P.zamoraensis* Roehl ex Gordon, *P.zitacuarensis* Roehl, *P.zitacuarensis* var. *nitida* Carriere

3.Systematic Position:

Christenhusz et al. (2011)

- Class: Equisetopsida C. Agardh
- Subclass: Pinidae Cronquist
- Order: Pinales Gorozh.
- Family: Pinaceae Spreng.
- Genus: *Pinus* L.
- Species: *P.devoniana* Lindl.

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Gymnospermeae

Ordo: Coniferae

Tribus: Abietineae Eichler

Genus: *Pinus* L.

Species: *P. devoniana* Lindl.

4.Distribution:

Global: [Mexico](#) and [Guatemala](#)

India:

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

6.Threat Status:

BSI:

8.LifeForm:Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

2C (55.36 pg)²⁰ Flow cytometry²⁰

12.Basic chromosome number(s): $x=12^{35, 48, 74}$

13. Zygotic chromosome number(s): $2n=24^{48, 74}$

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

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

Image file

16.Ploidylevel:Diploid^{48, 74}

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:^{48, 74}

KaryotypeMedian shortest pair submedian^{48, 74}

Chromosome sizeLarge^{48, 74}

NOR chromosome(s)

Degree of asymmetrySymmetrical^{48, 74}

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.):