

Species Datasheet

Datasheet No. G-007.005.004
(family.genus.species)

1.Taxon:

Species: *Pinus caribaea* Morelet

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Pinus caribaea* var. *anomala* Rowlee, *P. caribaea* var. *caribaea*, [*P. recurvata* Rowlee](#)

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. caribaea* Morelet

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Gymnospermeae

Ordo: Coniferae

Tribus: Abietineae Eichler

Genus: *Pinus* L.

Species: *P. caribaea* Morelet

4.Distribution:

Global: Native of Bahamas, Belize, Cuba, Guatemala, Honduras, Mexico, Nicaragua, Turks and Caicos Islands

India: Arunachal Pradesh

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

6.Threat Status:

IUCN: Least Concern

BSI:

7. **Habit and Habitat:** Tree 20-35 m tall, primarily a lowland species

8.LifeForm:Phanerophytes

9.EconomicImportance:An important timber tree

10. Probable Progenitor of:

11.DNA

C-value	Methodology
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2C (39.09 pg)	⁶³ Feulgen microdensitometry ⁶³
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2C (43.88 pg)	²² Flow cytometry ²²
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2C (45.30 pg)	⁹⁶ Flow cytometry ⁹⁶
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2C (45.60 pg)	⁴⁶ Flow cytometry ⁴⁶
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2C (45.26 pg)	⁹¹ Flow cytometry ⁹¹
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2C (49.58 pg)	²⁰ Flow cytometry ²⁰
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12.Basic chromosome number(s): $x=12$ ^{35, 49, 63, 74}

13. Zygotic chromosome number(s): $2n=24$ ^{49, 63, 74}

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

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

Image file

16.Ploidy level:Diploid^{49, 63, 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:^{49, 74}

KaryotypeMedian shortest pair submedian^{49, 74}

Chromosome sizeLarge^{49, 74}

NOR chromosome(s)

Degree of asymmetrySymmetrical^{49, 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:⁷⁶

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;Translocationsetc.):