

Species Datasheet

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Datasheet No. G-011.007.010
(family.genus.species)

1.Taxon:

Species:

Subspecies:

Variety: *Juniperus squamata* var. *fargesii* Rehder & E.H. Wilson

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Juniperus fargesii* (Rehder & E.H. Wilson) Kom. *J. kansuensis* Kom., *J. lemeana* H. Lev. & Blin., *J. squamata* subsp. *fargesii* (Rehder & E.H. Wilson) Silba, *Sabina squamata* var. *fargesii* (Rehder & E.H. Wilson) L.K. Fu & Y.F. Yu

3.Systematic Position:

Christenhusz et al. (2011)

- Class: Equisetopsida C. Agardh
- Subclass: Pinidae Cronquist
- Order: Cupressales Link
- Family: Cupressaceae Gray
- Genus: *Juniperus* L.
- Species: *J. squamata* Buch.-Ham. ex D. Don
- Variety: *J. squamata* var. *fargesii* Rehder & E.H. Wilson

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Gymnospermeae
Ordo: Coniferae
Tribus: Cupressineae
Genus: *Juniperus* L.
Species: *J. squamata* Buch.-Ham. ex D. Don
Variety: *J. squamata* var. *fargesii* Rehder & E.H. Wilson

4.Distribution:

Global: Himalayas & China from northeastern Afghanistan east to western Yunnan (1600-4900 m)

India: Eastern Himalayas

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Shrub or small tree

8. Life Form: Phanerophytes

9. Economic Importance: Timber

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s): $x=11$ ^{5, 6, 7, 13, 14}

13. Zygotic chromosome number(s): $2n=22$ ^{5, 6, 13, 14,}

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

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

Image file

16. Ploidy level: Diploid^{13, 14}

Tetraploid^{5, 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:^{13, 14}

KaryotypeMedian and submedian^{13, 14}

Chromosome sizeLarge^{13, 14}

NOR chromosome(s)2^{13, 14}

Degree of asymmetrySymmetrical^{13, 14}

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.):