

Species Datasheet

Datasheet No. A-140.038.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species

Subspecies

Variety *Xylixyllocarpa* (Roxb.) Taub var. *kerri* (Craib & Hutch.) I.C. Nielsen

Cultivar

Hybrid

Image file

2. Synonyms: *Xylixyllocarpa kerri* Craib & Hutch.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superrosids
- Clade: Rosids
- Clade: Fabids
- Order: Fabales
- Family: Fabaceae
- Genus: *Xylixyllocarpa*
- Species: *Xylixyllocarpa* (Roxb.) Taub

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Dicotyledons

Subclass: Polypetalae

Series: Calyciflorae

Cohors: Rosales

Ordo: Leguminosae

Subordo: Mimoseae

Genus: *Xylixyllocarpa*

Species: *Xylixyllocarpa* (Roxb.) Taub

4. Distribution:

Global: Cambodia, India, Laos, Myanmar, Thailand, Vietnam

India

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Tree

8. Life Form: Perennial

9. Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology**

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

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

Image file

16.Ploidy level:

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:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

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.):