

Species Datasheet

Datasheet No. A-140.045.005
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species *Parkia sumatrana* Miq.

Variety

Cultivar

Hybrid

1. Synonyms:

- *Parkia insignis* Kurz
- *Parkia macrocarpa* Miq.
- *Parkia sumatrana* subsp. *sumatrana*

3. Systematic Position: APG IV; Bentham and Hooker:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superrosids
- Clade: Rosids
- Clade: Fabids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Parkia*R. Br.
- Species: *Parkia sumatrana* Miq.

Bentham and Hooker (1862)

Kingdom: Plantae
Division:Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: LeguminosaeJuss.
Subordo: Mimoseae Bronn
Genus:*Parkia*R. Br.
Species: *Parkia sumatrana* Miq.

4. Distribution:

Global: South-Eastern Asia.

India:

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Not climbing, Habit: 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):**
16. **Ploidy level:**
17. **Agametoploidy:**
18. **Nature of polyploidy (auto, segmental, allo, autoallo):**
19. **Genomic formula:**
20. **Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):**
21. **Somatic chromosomes:**
 - Karyotype:**
 - Chromosome size:**
 - NOR chromosome(s):**
 - Degree of asymmetry:**
22. **Banding pattern(s):**
23. **Physical mapping of chromosomes:**
 - In situ hybridization**
 - Fluorescent in situ hybridization**
24. **Genomic in situ hybridization:**
25. **Linkage map:**
26. **Chromosome associations:**
 - Female meiosis**
 - Male meiosis**
27. **Chromosome distribution at anaphase I:**
28. **Genetic diversity:**
 - Chromosomal level**
 - DNA level:**
29. **Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc.):**