Species Datasheet

Datasheet No. A-140.045.002
(family.genus.species)

1. Taxon:

Species *Parkia biglobosa* (Jacq.) G.Don
Variety
Cultivar
Hybrid

2. Synonyms:

- *Inga biglobosa* (Jacq.) Willd.
- *Mimosa biglobosa* Jacq.
- *Parkia africana* R.Br.
- *Parkia clappertoniana* Keay
- *Parkia intermedia* Oliv.
- *Parkia oliveri* J.F.Macbr.

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 biglobosa* (Jacq.) G.Don

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 biglobosa* (Jacq.) G.Don

4. Distribution:

Global: Africa, Australia, India, Indonesia
India:

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

6. Threat Status:

IUCN
BSI

7. Habit and Habitat: Non- Climbing, Tree.

8. Life Form: Perennial

9. Economic Importance: Medicinal Purpose, fodder, timber, fuel wood

10. Probable Progenitor of:

11. DNA

C-value	Methodology
2C DNA= (1.489-1.5266) pg	Flow Cytometry[5]

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): 2n=22[5]

2n=24[5, 6, 7, 8, 9]

2n=26[7, 8, 9]

14. Gametic chromosome number(s):

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

16. Ploidy level: Diploid[5]

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:

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: 4

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc.):