

# Final Species Datasheet

Datasheet No. A-239.002.002  
(family.genus.species)

JamU+CalU+SUK-Phase I

DBT- Network Programme

## 1. Taxon:

Species: *Buchanania axillaris* (Desr.) Ramamoorthy

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Buchanania angustifolia* Roxb., *Cambessedea axillaris* Kunth

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superrosids
- Clade: Rosids
- Order: Sapindales Juss. Ex Bercht. & J. Presl
- Family: Anacardiaceae R. Br.
- Genus: *Buchanania* Spreng.
- Species: *B. axillaris* (Desr.) Ramamoorthy

### Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Disciflorae
- Cohors: Sapindales Juss. Ex Bercht. & J. Presl
- Ordo: Anacardiaceae R. Br.
- Genus: *Buchanania* Spreng.
- Species: *B. axillaris* (Desr.) Ramamoorthy

## 4. Distribution:

Global: India, Sri Lanka, Myanmar

India: Andhra Pradesh, Karnataka, Kerala, Tamil Nadu, Madhya Pradesh, Maharashtra

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

## 6. Threat Status:

IUCN: Not evaluated

BSI:

7. Habit and Habitat: Tree up to 10 m high; dry deciduous forests

8. Life Form: Phanerophytes

9. Economic Importance: The nuts are esteemed roasted and eaten

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):**