

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-018.019
(Family.Genus)

DBT- Network Programme

1. Genus: *Xylopia* L.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Magnolids
- Order: Magnoliales Juss.
- Family: Annonaceae Juss.
- Genus: *Xylopia* L.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Thalamiflorae
- Cohors: Ranales
- Ordo: Annonaceae Juss.
- Genus: *Xylopia* L.

3. Species:

Global: 160

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Angola, Argentina Northeast, Belize, Benin, Bolivia, Borneo, Botswana, Brazil, Burkina, Cabinda, Cambodia, Cameroon, Caprivi Strip, Central African Repu, Chad, Colombia, Congo, Costa Rica, Cuba, Ecuador, El Salvador, Equatorial Guinea, Ethiopia, Fiji, French Guiana, Gabon, Gambia, Ghana, Guatemala, Guinea, Guyana, Honduras, India, Ivory Coast, Jamaica, Jawa, Kenya, Laos, Lesser Sunda Island, Liberia, Madagascar, Malawi, Malaya, Mali, Mauritius, Mexico, Mozambique, Namibia, New Caledonia, New Guinea, Nicaragua, Nigeria, Panamá, Paraguay, Peru, Philippines, Queensland, Réunion, Senegal, Sierra Leone, Solomon Island, Sri Lanka, Sudan, Sumatera, Suriname, Tanzania, Thailand, Togo, Trinidad-Tobago, Uganda, Uruguay, Venezuela, Vietnam, Zambia, Zaïre, Zimbabwe

India: Kerala

6. Habit and Habitat: Shrubs or tree

7. Economic Importance: Used as timber

8. DNA content range:

Methodology

2C

4C

9. Basic chromosome number(s):

10. Zygotic chromosome number(s):

11. Gametic chromosome number(s):

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/Neocentric chromosomes):

13. Ploidy level:

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 0/1