

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-018.003
(Family.Genus)

DBT- Network Programme

1. Genus: *Artabotrys* R. Br.

2. Systematic positions:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Magnolids
- Order: Magnoliales Juss.
- Family: Annonaceae Juss.
- Genus: *Artabotrys* R. Br.

Bentham and Hooker (1862)

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

3. Species:

Global: 100

India: 7

4. Taxonomic riddles:

5. Distribution:

Global: Angola, Assam, Bangladesh, Benin, Borneo, Botswana, Burundi, Cabinda, Cambodia, Cameroon, Caprivi Strip, Central African Repu, China South-Central, China Southeast, Congo, Ethiopia, Gabon, Ghana, Guinea, Guinea-Bissau, Gulf of Guinea Island, Hainan, India, Ivory Coast, Jawa, Kenya, KwaZulu-Natal, Laos, Lesser Sunda Island, Liberia, Madagascar, Malawi, Malaya, Maluku, Mozambique, Myanmar, New Guinea, Nigeria, Northern Provinces, Philippines, Queensland, Rwanda, Senegal, Sierra Leone, Sri Lanka, Sudan, Sulawesi, Sumatera, Taiwan, Tanzania, Thailand, Togo, Uganda, Vietnam, Zambia, Zaire, Zimbabwe, Leeward Island, Samoa, Tonga, Trinidad-Tobago, Windward Island

India: South India

6. Habit and Habitat: Shrubs and woody straggling climbers

7. Economic Importance: Medicinal

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=16^1$; $2n=18^2$

11. Gametic chromosome number(s): $n=8^{3,4}$; $n=10^5$

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 atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information:Total number of species with reports = 2/7