Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-018.018
(Family.Genus)

DBT- Network Programme

1. Genus:*Uvaria*L.

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

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

3. Species:

Global: 150

India: 13

4. Taxonomic riddles:

5. Distribution:

Global: Angola, Assam, Bangladesh, Benin, Borneo, Burkina, Burundi, Cabinda, Cambodia, Cameroon, Cape Provinces, Central African Repu, Chad, China South-Central, China Southeast, Congo, East Himalaya, Equatorial Guinea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Gulf of Guinea Island, Hainan, India, Ivory Coast, Jawa, Kenya, KwaZulu-Natal, Laos, Lesser Sunda Island, Liberia, Madagascar, Malawi, Malaya, Mali, Maluku, Mozambique, Myanmar, New Guinea, New South Wales, Nicobar Island, Nigeria, Northern Provinces, Northern Territory, Philippines, Queensland, Rwanda, Senegal, Sierra Leone, Solomon Island, Somalia, Sri Lanka, Sudan, Sulawesi, Sumatera, Swaziland, Tanzania, Thailand, Togo, Uganda, Vietnam, Western Australia, Zambia, Zaïre, Zimbabwe

India: Andaman and Nicobar, Andhra Pradesh,Assam,Bihar, Karnataka, Kerala, Meghalaya, Orissa, Sikkim, Tamil Nadu, Tripura, Uttar Pradesh, West Bengal

6. Habit and Habitat: Scandent or sarmentose shrubs

7.Economic Importance: Used in traditional medicine

8. DNA content range:

2C

Methodology

4C

9. Basic chromosome number(s):

10. Zygotic chromosome number(s):2n=22[1]

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 atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 1/13