

Species Datasheet

Datasheet No. A-140.037.003
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Urariapicta*(Jacq.) DC.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:***Doodiapicta*Roxb.,*Hedysarumpictum*Jacq., *Urariaaphrodisiaca*Welw., *U.leucantha*Span., *U.linearis*Hassk.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus: *Uraria*Desv.
- Species: *U.picta*(Jacq.) DC.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: Papilionaceae Giseke
Genus: *Uraria*Desv.
Species: *U. picta* (Jacq.) DC.

4. Distribution:

Global:Angola,Australia, Bangladesh, Benin, Bhutan, Bismarck Archipelago,Burkina Faso,Cambodia, Cameroon, Chad, China Ethiopia, Gabon, Ghana, Guangxi, Guinea Bissau, Guizhou, India,Indonesia, Irian Jaya, Ivory Coast,Java, Liberia, Malawi, Malaysia; Mali, Mozambique, Myanmar, Nepal, Niger, Nigeria, Pakistan, Papua New Guinea,Peninsular Malaysia, Philippines, Queensland,Rwanda, Ryukyu Is,Sao Tome & Principe, Senegal, Sichuan, Sierra Leone, Sri Lanka, Sudan,Taiwan, Tanzania, Thailand, The Gambia,Togo, Uganda, Vietnam,Yunnan,Zaire

India:Andaman Is, Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Dadra-Nagar-Haveli, Daman, Diu, Gujarat, Haryana, Jammu-Kashmir, Karnataka, Madhaya Pradesh, Maharashtra, Manipur, Mauritius, Meghalaya, Mizoram, Nagaland, Nicobar Is, Orissa, Pondicherry, Punjab, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttar Pradesh, West Bengal

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

6. Threat Status:

IUCN: Least Concern

BSI:

7. Habit and Habitat: Erect subshrub; grassy slopes.

8. Life Form:

9. Economic Importance: Medicinal

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=22^{1,2,3,4,5}$, $2n=16^6$

14. Gametic chromosome number(s): $n=11^{1,2,3}$

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

Image file

16. Ploidy level:

Image file

17. Agamete ploidy:

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

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

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: 11II¹

Image file

27. Chromosome distribution at anaphase I: 11:11¹

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis;

Pollen stainability; Translocation etc.): Pollen stainability: 97.58%¹