

Species Datasheet

Datasheet No. A-416.027.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Oenanthe javanica* (Blume) DC.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Cyssopetalum javanicum* (Blume) Turcz., *Dasylo macortica tum* Miq., *D. japonicum* Miq., *D. javanicum* (Blume) Miq., *D. laciniatum* (Blume) Miq., *D. latifolium* Lindl., *D. subbipinnatum* Miq., *Falcaria javanica* (Blume) DC., *F. laciniata* (Blume) DC., *Oenanthe australiana* F.Muell., *O. corticata* Edgew., *O. japonica* (Miq.) Drude, *O. javanica* subsp. *stolonifera* (Wall. ex DC.) Murata, *O. kudo* Suzuki & Yamam., *O. laciniata* Zoll., *O. normanii* F.P.Metcalf, *O. schlechteri* H.Wolff, *O. stolonifera* Wall. ex DC., *O. subbipinnata* Drude, *Phellandrium stoloniferum* Roxb., *Sium javanicum* Blume, *S. laciniatum* Blume

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: Apiales Nakai
- Family: Apiaceae Lindl.
- Genus: *Oenanthe* L.
- Species: *O. javanica* (Blume) DC.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo: Umbelliferae Juss.
- Genus: *Oenanthe* L.
- Species: *O. javanica* (Blume) DC.

4. Distribution:

Global: Bangladesh, China, India, Java, Korea, Kuril Island, Laos, Lesser Sunda Island, Mongolia, Myanmar, New Guinea, Philippines, Primorye, Sakhalin, Vietnam

India: Arunachal Pradesh, Assam, Himachal Pradesh, Madhya Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Uttar Pradesh, West Bengal

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat:Herb; Marshlands, lakeshores, muddy stream banks and shallow water

8. Life Form:

9. Economic Importance:The whole plant is depurative, febrifuge and styptic

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=20^{1,2}$; $2n=22^3$; $2n=42^4$

14. Gametic chromosome number(s): $n=10^5$

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):