

Genus Datasheet

Datasheet No. P-039.001
(Family:Genus)

DBT- Network Programme

1. Genus:*Onoclea*L.

2. Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Onocleaceae Pic. Serm.
- Subfamily:
- Genus:*Onoclea* L.

3. Species:

Global: Accepted (5), unassessed (15)

India:.

4. Taxonomic riddles:¹

5. Distribution:

Global:

India:

6. Habit and Habitat:

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=40^{2, 3, 4, 6, 7}$

10. Zygotic chromosome number(s): $2n=80^{2, 3, 6, 7}$

11. Gametic chromosome number(s): $n=40^{4, 7}$,

80^5

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

13. Ploidy level:Diploid (sexual) $^{2, 3, 4, 5, 7}$,

Tetraploid (sexual) 5

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

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

16. Karyograms:

Meiosis: $^{4, 5, 7}$

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Relationship between 24Chromosomes, DNA length, 1

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: