

REFERENCES for *Dioscorea*

Genus ID: A-045.001

1. Chin, H., Chang, M., Ling P., Ting, C. & Dou, F. 1985. A cytological study on Chinese *Dioscorea* L. - the chromosome numbers and their relation to the origin and evolution of the genus. ActaPhytotax. Sin. 23: 11–18.
2. Abraham, K. & Nair, P. G. 1991. Polyploidy and sterility in relation to sex in *Dioscorea alata* L. (Dioscoreaceae). Genetica. 83: 93–97.
3. Pal, A. & Sharma, A. K. 1980. Analysis of cytotypes of *Dioscorea* and scope of increasing the diosgenin content. Cellule 73: 117–134.
4. Baquar, S. R. 1980. Chromosome behaviour in Nigerian yams (*Dioscorea*). Genetica 54: 1–9.
5. Sharma, A. K. 1970. Annual report, 1967-1968. Res. Bull. Univ. Calcutta Cytogenetics Lab. 2: 1–50.
6. Ramachandran, K. 1968. Cytological studies in Dioscoreaceae. Cytologia 33: 401-410.
7. Rao, V.R., Bammi, R.K. & Randhawa, G.S. 1973. Interspecific hybridization in the genus *Dioscorea*. Ann. Bot. (London) 37: 395-401.
8. Martin, F.W. & Ortiz, S. 1963. Chromosome numbers and behaviour in some species of *Dioscorea*. Cytologia 28: 96-101.
9. Sharma, A.K. & Sharma, A. 1957. Investigations leading to a new theory of differentiation in plant cell. Genet. Iber. 9: 143-157.

10. Sharma, A.K. & De, D. 1955. Polyploidy in *Dioscorea*. Proc. 42nd Indian Science Congr., Part 3: 248-249.
11. Ghosh, I. & Sharma, A.K. 1969. Chromosome study in *Dioscorea*. Plant Sci. 1:1-9.
12. Sharma, A.K. & De, D.N. 1956. Polyploidy in *Dioscorea*. Genetica. 28: 112-120.
13. Simmonds, N.W. 1954. Chromosome behaviour in some tropical plants. Heredity 8: 139-145.
14. Bhaumik, G. 1971. Cytology of *Dioscorea*. Proc. 46th Indian Science Congr., Part 3: 461-462.
15. Ramachandran, K. 1962. Studies on the cytology and sex determination of the Dioscoreaceae. J. Indian Bot. Soc. 41:93-97.
16. Raghavan, R.S. 1958. A chromosome survey of Indian Dioscoreas. Proc. Indian Acad. Sci. Sect. B. 48:59-63.
17. Smith, B.W. 1937. Notes on the cytology and distribution of the Dioscoreaceae. Bull. Torrey Bot. Club. 64: 189-199.
18. Arumuganathan K, Earle E.D. 1991. Nuclear DNA content of some important plant species. Plant Molecular Biology Reporter 9: 208-218.
19. Dansi A, Saïnou O, Agbangla C, Ahanhanzo C, Brown S, Adoukonou-Sagbadja H. 2005. Ploidy level and nuclear DNA content of some accessions of water yam (*Dioscoreaalata*) collected at Savè, a district of central Benin. Plant Genet. Res. Newslet. 144: 20-23.

20. Roy, S. C., Ghosh, S. & Chatterjee, A. 1988. A cytological survey of eastern Himalayan plants. II. Cell Chromosome Res. 11: 93–97.
21. Raghavan, R.S. 1959. A note on some South Indian species of the genus *Dioscorea*. Curr. Sci. 28: 337-338.
22. Obidiegwu, J.E., Rodriguez, E., Ene-obong, E.E., Loureiro, J., Muoneke, C.O., Santos, C., Kolesnikova-Allen, M., Asiedu, R. 2009. Estimation of the nuclear DNA content in some representative of genus *Dioscorea*. Scientific Research and Essays 4: 448-452.
23. Srivastava, A. K. & Purnima. 1989. Chromosome polymorphism in *Belamcandachinensis* DC. (Iridaceae). Proc. Indian Sci. Congr. Assoc. 76: 178.
24. Mehra, P. N. & Sachdeva, S. K. 1976a. Cytological observations on some West Himalayan monocots. III. Alliaceae. Cytologia 41: 23-30.
25. Rao, V.R., Bammi, R.K., & Randhawa, G.S., 1973. Interspecific hybridization in the genus *Dioscorea*. Ann. Bot. (London) 37: 395-401.
26. JanakiAmmal, E.K. & Singh, S.D. 1962. Induced tetraploidy in *Dioscorea* Wall. Proc. Indian Acad. Sci., Sect. B. 56:329-331.
27. Mehra, P.N. & Sachdeva, S.K. 1976b. Cytological observations on some West Himalayan monocots. IV. Several families. Cytologia 41: 31–53.
28. Bhat, B.K. & Bindroo, B.B. 1950. Sex chromosome in *Dioscorea deltoidea* Wall. Cytologia 45: 739-742.
29. Takeuchi, Y. 1972. Embryo sac development in *Dioscorea japonica* Thunb. & *Q. quinqueloba* Thunb. ActaPhytotax. Geobot. 25: 57-60.

30. Nakajima, G. 1933. Chromosome number in some Angiosperm. Jap. J. Genet. 9:1-5.
31. Sharma, A., & Sarkar, A.K. (Editors). 1967-68. Chromosome number reports of plants in Annual Report, Cytogenetics Laboratory, Department of Botany, University of Calcutta. The Research Bulletin. 2: 38-58.
32. Nakajima, G. 1936. Chromosome numbers in some crops and wild Angiosperms. Jap. J. Genet. 12: 211-218.
33. Nakajima. 1942. Cytological studies in some flowering dioecious plants, with special references to sex chromosome. Cytologia 12: 212-270.
34. Rani, S., Sharma, T. R. and Chahota, R. K. 2016. Morphometric and Cytological Analysis of Different Cytotypes of *Dioscorea deltoidea* Wall. 1850 (Dioscoreaceae) from North-Western Indian Himalayas. Cytologia 81(3): 301–309.