

## References for *Acorus L.*

Genus ID : A-027.001

1. Bharathan G, Lambert G, Galbraith DW. 1994. Nuclear DNA content of monocotyledons and related taxa. *American Journal of Botany*. 81. 381-386.
2. Kumar K, Singh M. 2015. Chromosomal diversity among different ecotypes of *Acorus calamus L.* reported from Ranchi, Jharkhand, India. *International Journal of Bioassays*. 4 (2). 3656-3658.
3. Delay C. 1951. Nombres chromosomiques chez les phanerogames. *Rev. Cytol. Biol. Veg.* 12. 1-160.
4. Petersen G. 1989. Cytology and systematics of Araceae. *Nord. J. Bot.* 9 (2). 119-166.
5. Wulff HD. 1940. Über die Ursache der Sterilität des Kalmus (*Acorus calamus L.*). *Planta*. 31. 478-491.
6. Vaarama A. 1948. 3. 9-31. Love A, Love D. Chromosome numbers of some Northern Plant Species. Reykjavik, Iceland.
7. Wulff HD. 1954. Zur Zytologie, geographischen Verbreitung und Morphologie des Kalmus. *Arch. Pharm (Berlin)*. 287. 529-541.
8. Kozłowski J. 1960. Kariotypy tataraku (*Acorus calamus L.*) na terenie Polski. *Biul. Inst. Roslin Leezniezych*. 6. 65-70.
9. Rost LCM. 1978. Biosystematic investigations with *Acorus calamus L.* (Araceae): 1. Communication, cytotaxonomy. *Proc. K. Ned. Akad. Wet., Ser. C* 81. 428-441.
10. Subramanian D, Munian M. 1988. Cytotaxonomical Studies in South Indian Araceae. *Cytologia*. 53. 59-66.
11. Chepinoga VV, Gnutikov AA, Enushchenko IV, Chepinoga AV. 2008. IAPT/IOPB Chromosome Data 6. *Taxon*. 57 (4). 1267. Marhold K.
12. Ogra RK, Mohanpuria P, Sharma UK, Sharma M, Sinha AK, Ahuja PS. 2009. Indian calamus (*Acorus calamus L.*) not a tetraploid. *Curr. Sci.* 97 (11). 1644-1647.
13. Oganezova GH, Barsegian NA. 1999. Some peculiarities of the generative organs of *Acorus calamus L.* from Armenian populations. *Resursy Armenii*. 12. 39-41.
14. Krahulcová A. 2003. Chromosome numbers in selected monocotyledons (Czech Republic, Hungary, and Slovakia). *Preslia, Praha*. 75. 97-113.
15. Wulff HD. 1939. Chromosomenstudien an der schleswigholsteinischen Angiospermen Flora. IV. *Ber. Dtsch Bot. Ges.* 57. 424-431.
16. Palmgren O. 1943. Chromosome numbers in angiospermous plants. *Bot. Not.* 1943. 348-352.
17. Love A, Love D. 1957. Drug content and polyploidy in *Acorus*. *Proc. Genet. Soc. Can.* 2. 14-17.

18. Wulf HD, Hoffman B. 1957. Kalziumoxalat- Gehalt und Polyploidie bei Rosa und Acorus. Ber. Deutsch. Bot. Ges. 70:383-388.
19. Jones GE. 1957. Chromosome number and phylogenetic relationship in the Araceae. Diss. Abstr. 17:2394.
20. Wulf HD, Fritz E. 1958. Untersuchungen an einem variegaten Kalamus (Acorus calamus). Flora. 146:328-339.
21. Skalinska M, Piotrowicz M, Sokolowska-Kulczycka A. 1961. Further additions to chromosome numbers of Polish Angiosperms. Acta Soc. Bot. Pol. 30:463-489.
22. Ammal EKJ, Sobti SN, Handa KL. 1964. The interrelationship between polyploidy altitude and chemical composition in Acorus calamus. Curr. Sci. 33:500.
23. Marchent CJ. 1973. Chromosome variation in Araceae : V. Acoreae to Lasieae. Kew. bull. 28 (2):199-210.
24. Murín A, Májovský J. 1976. IOPB Chromosome number reports LIII. Taxon 25:488. Love A.
25. Baytop A. 1979. Acorus calamus in Turkey. J. Fac. Pharm Ankara 9:12-17.
26. Packer JG, Ringius GS. 1984. The distribution and status of Acorus (Araceae) in Canada. Canadian Journal of Botany 62 (11):2248-2252.
27. Dmitrieva SA, Parfenov VI. 1985. Kariologiches Kajakha rakteristika nekotorykh vidov poleznykh rastenij flory Belorussii. Izv. Akad. Nauk Belorussk. SSR. Ser. Biol. Nauk. 6:3-8.
28. Sokolovskaya AP, Probatova NS. 1985. Chromosome numbers in the vascular plants from the Primorye territory, Kamchatka, region, Amur valley and Sakhalin. Bot. Zhurn. SSSR 70 (7):997-999.
29. Okada H. 1989. Chromosome counts of some plants collected from west Sumatra. Occas. Pap. Kagoshima Univ. Res. Center S. Pacific 16:11-14. Hotta M. Diversity and Plant-Animal Interaction in Equatorial Rain Forests, Report of the 1987-1988 Sumatra Research.
30. Rudyka EG. 1990. Chromosome numbers of vascular plants from the various regions of the USSR. Bot. Zhurn. (Moscow & Leningrad). 75:1783-1786.
31. Probatova NS. 2006. Chromosome numbers of plants of the Primorsky Territory, the Amur River basin and Magadan region. Bot. Zhurn. (Moscow & Leningrad). 91 (3):491-509.
32. Probatova NS, Seledets VP, Gnutikov AA, Shatokhina AV. 2008. IAPT/IOPB Chromosome Data 6. Taxon. 57 (4):1272. Marhold K.
33. Sandhyarani N, Kishor R, Sharma GJ. 2011. Clonal propagation of triploid Acorus calamus Linn. using dual-phase culture system. J. Crop Sci. Biotech. 14 (3):213-217.

34. Chepinoga VV, Gnutikov AA, Lubogoschinsky PI, Fleckenstein KM. 2012. IAPT/IOPB Chromosome Data 13. Taxon .61 (4).890. Marhold K.
35. Sharma AK. 1970. Annual report 1967-1968. Res. Bull. Univ. Calcutta Cytogenetics Lab. 2.1-50.
36. Kurakubo Y. 1940. Uber die Chromosomenzahlen von Araceae-Arten. Bot. Zool. (Tokyo) .8.1492.
37. Larsen K. 1969. Cytology of vascular plants. III. A study of Thai Aroids .27.39-69. Studies in the Flora Of Thailand. Danish Botanical Society. Denmark.
38. Hotta M. 1971. Study of family Araceae. General Remarks. Jap. J. Bot. 20.269-310.
39. Hong W, Wenli L, Zhijian G, Yongyan C. 2001. Cytological study on *Acorus L.* in southwestern China, with some cytogeographical notes on *A. calamus*. Acta Botanica Sinica. 43 (4).354-358.
40. Ramachandran K. 1978. Cytological studies on south Indian Araceae. Cytologia. 43.289-303.
41. Vignoli L. 1939. Gametofiti e cromosomi di *Ambrosinia bassii L.* Lav. Ist Bot. Palermo. 10.54-80.
42. Sugimoto N, Kiuchi F, Mikage M, Mizukami H, Tsuda Y, Mori M. 1999. DNA Profiling of *Acorus calamus* Chemotypes Differing in Essential Oil Composition. Biol. Pharmacol. Bull. 22 (5).481-485.
43. Berteza CM, Azzolin CMM, Bossi S, Doglia G, Maffei ME. 2005. Identification of an EcoRI restriction site for a rapid and precise determination of  $\beta$ -asarone-free *Acorus calamus* cytotypes. Phytochemistry. 66 (5).507-514.
44. Ahlawat A, Katoch M, Ram G, Ahuja A. 2010. Genetic diversity in *Acorus calamus L.* as revealed by RAPD markers and its relationship with  $\beta$ -asarone content and ploidy level. Scientia Horticulturae. 124.294-297.
45. Ginwal HS, Mittal N, Tomar A, Varshney VK. 2011. Population genetic structure and diversity of high value vulnerable medicinal plant *Acorus calamus* in India using RAPD and chloroplast microsatellite markers. Journal of Forestry Research .22 (3).367-377.
46. Lee JH, Kim IS, Lee SG, Rim KS, Kim S, Han TH. 2011. Analysis of Genetic Diversity of Korean Accessions of the Genus *Acorus* Using RAPD Markers and NIR Spectroscopy. Kor. J. Hort. Sci. Technol. 29 (3).232-239.
47. Giri P, Gohar T, Ginwal HS. 2012. Molecular characterization of six populations of *Acorus calamus L.* using randomly amplified polymorphic DNA (RAPD) markers. African Journal of Biotechnology .11 (40). 9522-9526.
48. Abdul Kareem VK, Rajasekharan PE, Ravis BS, Mini S, Sane A, Vasantha Kumar T. 2012. Analysis of genetic diversity in *Acorus calamus* populations in South and North East India using ISSR markers. Biochemical Systematics and Ecology .40.156-161.
49. Rana TS, Mahar KS, Pandey MM, Srivastava SK, Rawat AKS. 2013. Molecular and chemical profiling of 'sweet flag' (*Acorus calamus L.*) germplasm from India. Physiol Mol Biol Plants. 19 (2).231-237.

50. Kasture A, Krishnamurthy R, Rajkumar K. 2016. Genetic variation in the endangered Indian sweet flag (*Acorus calamus* L.) estimated using ISSR and RAPD markers. *Journal of Applied Research on Medicinal and Aromatic Plants*. 3 (3). 112-119.
51. Ito T. 1942. Chromosomen und Sexualität von der Araceae. I. Somatische Chromosomenzahlen einiger Arten. *Cytologia*. 12. 313-325.
52. Delay C. 1947. Recherchessur la structure des noyaux quiescent chez les phanerogames. *Rev. Cytol. Cytophysiol. Veg.* 9. 169-222.
53. Nakajima G. 1933. Chromosome numbers in some angiosperm. *Jap. Jour. Genetics*. 9. 1-5.
54. Hsu CC. 1972. Preliminary chromosome studies on the vascular plants of Taiwan (V). Cytotaxonomy on some monocotyledons. *Taiwania*. 17. 48-65.
55. Liao LC, Hsiao JY. 1998. Relationship between population genetic structure and riparian habitat as revealed by RAPD analysis of the rheophyte *Acorus gramineus* Soland. (Araceae) in Taiwan. *Molecular Ecology*. 7. 1275-1281.
56. Wieffering JH. 1972. Some notes on the diploid chromosome number of the genus *Acorus* L. (Araceae). *Acta Bot. Neerl.* 21 (5). 555-559.
57. Darlington CD, Wylie AP. 1955. Chromosome atlas of flowering plants. George Allen and Unwin Ltd. London.
58. Duvall MR, Gerald HL, Eguiarte JLE, Clegg MT. 1993. Phylogenetic analysis of *rbcl* sequences identifies *Acorus calamus* as the primal extant monocotyledon. *Proc. Natl. Acad. Science. USA*. 90. 4641-4644.