

Reference list for the genus *Agave* L.**Genus ID : A-074.005**

Serial No. Authors Year Title of the Paper Journal Volume Page No./DOI/ISBN No. Editors Name of the book Publisher Place

1 Banerjee (nee Chattopadhyay) S, Sharma AK 1987 Cytophotometric estimation of nuclear DNA in different species and varieties of *Agave* Cytologia 52 85-90

2 Banerjee S, Sharma AK 1988 Polyploidy, nuclear DNA and hecogenin in four species of *Agave* Curr Sci 57 554-556

3 Bennett MD, Leitch IJ 2011 Nuclear DNA amounts in angiosperms: targets, trends and tomorrow Annals of Botany 107 467-590

4 Banerjee (nee Chattopadhyay) S, Sharma AK 1988 Structural differences of chromosomes in diploid *Agave* Cytologia 53 415-420

5 Müller C 1912 Kernstudien an Pflanzen. I & II. Arch Zellforsch 8 1-51

6 McKelvey SD, Sax K 1933 Taxonomic and cytological relationships of *Yucca* and *Agave* Journal of the Arnold Arboretum 14(1) 76-81

7 Sato D 1935 Analysis of the karyotypes in *Yucca*, *Agave* and the related genera with special reference to the phylogenetic significance The Japanese Journal of Genetics XI(5) 272-278

8 Matsuura H, Sutô T 1935 Contributions to the ideogram study in Phanerogamous plants I. J Fac Sci, Hokkaido Imp.Univ, Ser 5 5(5) 33-75

9 Inariyama S 1937 Karyotype studies in Amaryllidaceae. I. Sci Rep Tokyo Univ, Sect B 3(52) 95-113

10 Sato D 1938 Karyotype alteration and phylogeny. IV. Karyotypes in Amaryllidaceae with special reference to the SAT-chromosome Cytologia 9 203-242

11 Sato D 1942 Karyotype alteration and phylogeny in Liliaceae and allied families Jap J Bot 12 57-161

12 Granick EB 1944 A karyosystematic study of the genus *Agave* American Journal of Botany 31(5) 283-298

13 Sharma AK, Bhattacharya UC 1962 A cytological study of the factors influencing evolution in *Agave* Cellule 62 259-279

14 Bhattacharya GN 1968 Chromosomes in different species of *Agave* Journal of Cytology and Genetics 3 1-6

15 VIJ SP, Shekhar N, Kuthiala R 1982 In: IOPB chromosome number reports LXXVII Taxon 31 769

16 Banerjee (nee Chattopadhyay) S, Sharma AK 1989 Structure and behaviour of chromosomes in four different species of *Agave* Cytologia 54 667-672

- 17 Huang S, Zhao Z, Chen Z, Chen S, Huang X 1989 Chromosome counts on one hundred species and infraspecific taxa *Acta Bot Austro Sin* 5 161-176
- 18 Vijayavalli B, Mathew PM 1990 Cytotax. Liliaceae Allied Fam. Continental Publishers Kerala, India
- 19 Lv L, Sun G, Xie J, Zang X, Hu Y, Duan J 2009 Determination of chromosomal ploidy in *Agave* ssp. *African Journal of Biotechnology* 8(20) 5248-5252
- 20 Munira S, Ud-deen MM, Kabir G 2010 Quantitative karyotype analysis of *Agave americana* L. and *A. striata* Zucc *Bangladesh J Bot* 39(2) 229-235
- 21 Robert ML, Lim KY, Hanson L, Sanchez-Teyer F, Bennett MD, Leitch AR, Leitch IJ 2008 Wild and agronomically important *Agave* species (Asparagaceae) show proportional increases in chromosome number, genome size, and genetic markers with increasing ploidy *Botanical Journal of the Linnean Society* 158 215–222
- 22 Finch RA, Osborne JF 1990 Chromosome numbers and DNA amounts in *Agave* variants E *Afr agric For J* 55(4) 213-218
- 23 Palomino G, Martínez J, Méndez IR 2005 Citotipos en *Agave angustifolia* Haw. determinados por citometría de flujo y análisis de sus cariotiops. *Rev Int Contam Ambient* 21 49–54
- 24 Doughty LR 1936 Chromosome behaviour in relation to genetics of *Agave*. I. Seven species of Fibre *Agave* *J Genet* 33 97-205
- 25 Mahabale TS, Bhate FD 1941 Cytology of common Bombay fibre aloe, *Agave vivipara* L. *J Univ Bombay* 10 (3) 51-55
- 26 Bhattacharya GN, Ghosh R 1977 Chromosomes in some varieties of a wild species of *Agave* *Bull Bot Soc Bengal* 37 31-34
- 27 Castorena-Sánchez I, Escobedo RM, Quiroz A 1991 New cyt taxonomical determinants recognized in six taxa of *Agave* in the sections Rigidae and Sisalanae *Canadian Journal of Botany* 69 (6) 1257-1264
- 28 Gomez-Rodriguez VM, Rodriguez-Garay B, Palomino G, Martínez J, Barba-Gonzalez R 2013 Physical mapping of 5S and 18S ribosomal DNA in three species of *Agave* (Asparagales, Asparagaceae) *CompCytogen* 7(3) 191-203
- 29 Vignoli L 1937 Grandezza cellulare e poliploidia in *Agave* *Lavori 1st Bot. Palermo* 8 88-106
- 30 Vignoli L 1936 Cariologia del genere *Agave* *Lavori 1st Bot Palermo* 7 3-44
- 31 Datta PC 1971 Karyological anatomy of fibre development in the leaves of *Agave americana* L. var. *marginata alba* Trel. *Ann Bot* 35 421-427
- 32 Heitz E 1926 Der Nachweis der Chromosomen. Vergleichende Studien fiber ihre Zahl, GroBe and Form im Pflanzenreich. I. *Zeits f Bot* 18 625-681

33 Cave MS 1964 Cytological observations on some genera of the Agavaceae California Botanical Society 17(5) 163-170

34 Ruvalcaba-Ruiz D, Rodríguez-Garay B 2002 Aberrant meiotic behavior in *Agave tequilana* Weber var. azul BMC Plant Biology 2 10

35 Palomino G, Dolezel J, Méndez I, Rubluo A 2003 Nuclear genome size analysis of *Agave tequilana* Weber Caryologia 56(1) 37-46

36 Cavallini A, Natalli L, Ciononi G, Castorena-Sánchez I 1996 Cytophotometric and biochemical analyses of DNA in pentaploid and diploid *Agave* species Genome 39 266-271

37 Darlington CD, Wylie AP 1955 1-519 Chromosome Atlas of Flowering Plants George Allen and Unwin Ltd London

38 Palomino G, Martínez J, Cepeda-Cornejo V, Pimienta-Barrios E 2012 Nuclear genome size and cytotype analysis in *Agave cupreata* Trel. & Berger (Agavaceae) Caryologia 65(4) 281-294