

References for *Crotalaria* L.

Genus ID : A-140.047

1. Boulter D, Derbyshire E, Frahm-Leliveld JA, Polhill RM .1970.Observations on the cytology and seed-proteins of various African species of *Crotalaria* L. (Leguminosae).New Phytologist .69. 117-131.
2. Verma RC, Raina SN.1983. Cytogenetics of *Crotalaria*. VIII. male meiosis in 26 species .Cytologia .48.719- 733.
3. Verma RC, Kesavacharyulu K, Raina SN.1984. Cytogenetics of *Crotalaria*. IX.mitotic complements in 19 species.Cytologia .49.157- 169.
4. Verma RC, Raina SN .1981.Cytogenetics of *Crotalaria* V. supernumerary nucleoli in *C. agatiflora* (Leguminosae).Genetica .56.75- 80.
5. Kawakmi J .1930.Chromosome numbers in Leguminosae.The Botanical Magazine, Tokyo .44.319-328.
6. Chennaveeraiah MS, Patil BC .1972.Chromosome numbers in the genus *Crotalaria* Linn. .The Karnatak University Journal: Science.17.140-148.
7. Li Jianqiang Q .1988.On the karyotypes in six species of *Crotalaria* L. .Yunnan Journal of Wuhan Botanical Research .6.13-20.
8. Bairiganjan GC, Patnaik SN .1989.Chromosomal evolution in fabaceae.Cytologia .54.51- 64.
9. Kumari S, Bir SS .1990. Karyomorphological evolution in Papilionaceae.The Journal of Cytology and Genetics .25.173- 219.
10. Bir SS, Kumari S.1977. Evolutionary status of Leguminosae from Pachmarhi (Central India). Nucleus.20.94 - 98.
11. Gupta PK .1976.Nuclear DNA, nuclear area and nuclear dry mass in thirteen species of *Crotalaria* (Angiospermae, Leguminosae). Chromosoma .54.155-164.
12. Chen ZY, Huang SF .1989.The karyotypes of five cultivated plants.Acta Botanica Austro Sinica.4. 75- 83.
13. Raina SN, Verma RC .1979.Cytogenetics of *Crotalaria*. I. mitotic complements in twenty species of *Crotalaria* L. .Cytologia .44.365- 375.
14. Gupta R, Gupta PK .1978.Pachytene karyotypes in the genus *Crotalaria* L.(Leguminosae).Cytologia.43.655- 663.
15. Gupta R, Gupta PK.1978. Karyotypic studies in the genus *Crotalaria* Linn.Cytologia.43.357- 369.
16. Magoon ML, Koppa MN, Ramanna MS, Sinha AK .1963. Cytomorphological studies in the genus *Crotalaria*. La Cellule .63.375- 396.

17. Bhaumik GH .1975. Chromosome studies of some Indian species of *Crotalaria*. *Science and Culture*.41.521- 523.
18. Gupta R, Gupta PK .1977. B-chromosomes in five species of *Crotalaria* L. *Cytologia*.42. 581-585.
19. Subramaniam S, Pandey AK, Rather SA .2015. A revised circumscription of the species in *Bracteatae* complex (section *Calycinae*) in the genus *Crotalaria* L.: evidence from nuclear and chloroplast markers .*Plant Systematics and Evolution* .301.2261-2290.
20. Amorim BS, Alves M, Guerra M, Souza LGR .2012. IAPT/IOPB chromosome data 14 .*Taxon* .61.1336 - 1345.
21. Sanjappa M, Dasgupta A .1983. Chromosome numbers in some Indian Legumes. *Indian Journal of Botany* .6.61- 64.
22. Srivastava MG .1958. Cytotaxonomic position of *Crotalaria brownei* Bert. ex DC. *Cytologia*.23.193-199.
23. Verma RC, Raina SN .1980. Cytogenetics of *Crotalaria*. II. male meiosis in 8 species of *Crotalaria*. *Cytologia* .45.297- 306.
24. Khatoon S, Ali SI .1991. Chromosome numbers in subfamily *Papilionoideae* (*Leguminosae*) from Pakistan .*Willdenowia* .20.159- 165.
25. Jahan B, Vahidy AA, Ali SI .1994. Chromosome numbers in some taxa of *Fabaceae* mostly native to Pakistan. *Annals of the Missouri Botanical Garden* .81.792- 799.
26. Frahm-Leliveld JA .1960. Chromosome numbers in leguminous plants. *Acta Botanica Neerlandica* .9.327- 329.
27. Husaini SWH, Gill LS .1985. Cyto-morphological studies of the genus *Crotalaria* L. (*Leguminosae*) from Nigeria .*Boletim da Sociedade Broteriana*.58.149- 172.
28. Love A .1971. IOPB Chromosome number reports XXXIV. *Taxon* .20.785–797. Published by: International Association for Plant Taxonomy (IAPT).
29. Mangotra R, Koul AK .1991. Base number in genus *Crotalaria* evidences from meiosis. *Nucleus* .34.158- 161.
30. Manandhar L, Sakya SR .2003. Karyomorphological observations in *Desmodium* Desv. and its related taxa of Nepal. *Cytologia* .68.121- 126.
31. Manandhar L, Sakya SR .2015. Studies of meiotic behaviors in some taxa of the nepalese *Papilionaceae*. *Journal of Natural History Museum* .26. 68-79.
32. Mangotra RB, Koul AK .1979. Chromosome number in *Crotalaria ferruginea* Grah ex Benth [sunn hemp, India]. *Science and Culture* .45.252- 253.

33. Datta RM, Biswas PK .1963. Karyotypic study in the genus *Crotalaria*. II. *Caryologia*.16.701- 705.
34. Chennaveeraiah MS, Patil BC.1973. Chromosome number and karyotype study in eight species of *Crotalaria* .*Cytologia*.38.73- 79.
35. Datta RM, Ghoshal KK .1969. Karyotypic study in the genus *Crotalaria*. III. *Z Pflanzenzucht* .61.58- 62.
36. Silva flores A, Correa AM, Forni-martins ER, Azevedo tozzi AMG .2006. Chromosome numbers in Brazilian species of *Crotalaria* (Leguminosae, Papilionoideae) and their taxonomic significance .*Botanical Journal of the Linnean Society*.151.271- 277.
37. Palomino G, Vazquez R .1991. Cytogenetic studies in mexican populations of species of *Crotalaria* L.(Leguminosae-Papilionoideae).*Cytologia* .56.343- 351.
38. Sanjappa M.1978. IOPB chromosome number reports LXI. *Taxon* .27.375- 392. Love A.
39. Datta RM, Bagchi S, Begum J .1971. Karyotypic study in the genus *Crotalaria*. IV. *Crotalaria* *grahamiana* and *Crotalaria novae-hollandiae*.*Indian Agriculture*.15.233- 235.
40. Bir SS, Kumari S .1978. IOPB chromosome number reports LIX. *Taxon* .27.53- 61. Löve A.
41. Subramaniam S, Pandey AK .2013. Taxonomy and phylogeny of the genus *Crotalaria*(Fabaceae): an overview. *Acta Biologica Indica* .2.253- 264.
42. Mondin M, Aguiar-Perecin MLR .2011. Heterochromatin patterns and ribosomal DNA loci distribution in diploid and polyploid *Crotalaria* species (Leguminosae, Papilionoideae), and inferences on karyotype evolution. *Genome* .54.718- 726.
43. Ruiz HC, de Cequea DD, Imery J .2009. Cytogenetic analysis of five *Crotalaria* species (Papilionaceae). *Boletín del Centro de Investigaciones Biológicas* .43.47- 58.
44. Tapia-Pastrana F, Gallegos-Pacheco E, De Teodoro-Pardo C, Mercado-Ruaro P .2005. New cytogenetic information of two mexican populations of *Crotalaria incana* L.(Leguminosae-Papilionoideae).*Cytologia* .70.207- 212.
45. Almada RD, Davina JR, Seijo JG.2006. Karyotype analysis and chromosome evolution in southernmost South American species of *Crotalaria* (Leguminosae).*Botanical Journal of the Linnean Society* .150.329- 341.
46. Atchison E .1950. Studies in the Leguminosae V. cytological observations on *Crotalaria*.*Journal of the Elisha Mitchell Scientific Society* .66.70 - 75.
47. Cotias de Oliveira ALP, De Aguiar-Perecin MLR .1999. Karyotype evolution in the genus *Crotalaria* (Leguminosae). *Cytologia* .64.165- 174.
48. Senn HA .1938. Chromosome number relationship Leguminosae. *Bibliographia Genetica* .12.175- 336.

49. Shibata K .1962. Estudios citologicos de plantas colombianas silvestres y cultivadas. Journal of Agricultural Science (Tokyo) .8.49- 62.
50. Bernardello LM, Stiefkens LB, Piovano MA.1990. Numeros cromosomicos en dicotiledóneas argentinas. Boletín de la Sociedad Argentina de Botánica .26.149- 157.
51. Coleman JR, DeMenezes EM .1980. Chromosome numbers in Leguminosae from the state of sao paulo, Brazil. Rhodora .82.475- 481.
52. Patil BC, Chennaveeraiah MS .1975. Cytological studies in *Crotalaria incana* L. and *Crotalaria mucronata* Desv. Nucleus .18.141- 146.
53. Fernandez A .1977. Numeros cromosomicos en angiospermas. Hickenia .1.83- 86.
54. Nadkarni RS .1982. Karyotypic studies in *Crotalaria medicaginea* var. *luxurians* Baker and *C. juncea* Linn. Chromosome Inform. Serv .4- 6.
55. Dnyansagar VR, Nadkarni RS .1983. Induced tetraploidy in *Crotalaria juncea* Linn. Cytologia .48.483- 489.
56. Yeh MS, Yuasa H, Maekawa F .1986. Chromosome numbers in the Leguminosae. Sci. Rep. Res. Inst. Evol. Biol .3.57- 71.
57. Sarkar AK, Datta N, Chatterjee U, Hazra D .1982. IOPB chromosome number reports LXXVI. Taxon.31.584. Löve A.
58. Kumari S .1990. Karyomorphological evolution in Papilionaceae. The Journal of Cytology and Genetics .25.173- 219.
59. Verma RC, Raina SN .1991. Differential cytomorphological response of *Crotalaria* species to colchitetraploidy. Phytomorphology .41.21- 33.
60. Kar K, Sen S .1991. A comparative karyological study of root and embryo tissue of a few genera of Leguminosae. Cytologia.56.403- 408.
61. Koul KK, Nagpal R, Sharma A .2000. Temperature influenced variation in the chromosomal behaviour of male and female sex cells in Sunn hemp (*Crotalaria juncea* Linn., Fabaceae). Caryologia.53.113- 120.
62. Bhatt RP .1976. IOPB chromosome number reports LIII. Taxon .25.483- 500. Love A.
63. Gupta R, Gupta PK .1971. IOPB chromosome number reports XXXII. Taxon .20. 349- 356 .Love A. Published by: International Association for Plant Taxonomy (IAPT).
64. Datta RM.1933. Chromosome number of *Crotalaria juncea* Linn. Current Science.2.34.
65. Datta RM, Ganguly PK .1967. Karyotypic studies in the genus *Crotalaria* I. Broteria Serie de Ciencia Naturais.36.1-2.

66. Mondin M, Santos-Serejo JA, Aguiar-Perecin ML .2007. Karyotype characterization of *Crotalaria juncea* (L.) by chromosome banding and physical mapping of 18S-5.8 S-26S and 5S rRNA gene sites. *Genetics and Molecular Biology* .30.65- 72.
67. Tapia-Pastrana F .2012. Karyological characterisation of four American species of *Crotalaria* (Leguminosae: Papilionoideae) by the splash method. *Kew Bulletin* .67.427-433.
68. Verma RC, Raina SN .1982. Cytogenetics of *Crotalaria* VI. Chiasma frequency and position, and univalent behaviour in a (partially) asynaptic mutants of *C. juncea*. *Genetica* .58.65- 70.
69. Satya P, Banerjee R, Karan M, Mukhopadhyay E, Chaudhary B, Bera A, Maruthi RT, Sarkar SK.2016. Insight into genetic relation and diversity of cultivated and semi-domesticated under-utilized *Crotalaria* species gained using start codon targeted (SCoT) markers. *Biochemical Systematics and Ecology* .66.24-32.
70. Wang ML, Mosjidis JA, Morris JA, Dean RE, Jenkins TM, Pederson JA .2006. Genetic diversity of *Crotalaria* germplasm assessed through phylogenetic analysis of EST-SSR markers. *Genome* .49.707- 715.
71. Coelho APD, Morais KP, Dail Laughinghouse IV H, Giacomini SJ, Tedesco SB .2012. Pollen grain viability in accessions of *Crotalaria juncea* L.(Fabaceae). *Agrociencia* .46.481- 487.
72. Turner BL, Fearing OS.1959. Chromosome numbers in the Leguminosae. II: African species, including phyletic interpretations. *American Journal of Botany* .46.49- 57. Botanical Society of America, Inc.
73. Mangotra R, Koul AK .1983. Chromosome interlocking in some species of genus *Crotalaria* L. *Current Science*.52.817-818.
74. Abraham MS, Abraham S .1991. Studies on the influence of pollutants from the Titanium factory on growth and cell divisions in *Crotalaria laburnifolia* Linn. *Cytologia*.56.555- 558.
75. Renard R, Lambinon J, Reekmans M, Van der Veken P, Govaert M .1983. Nombres chromosomiques de quelques Angiospermes du Rwanda, du Burundi et du Kenya. (Chromosome numbers of some Angiosperms from Rwanda, Burundi and Kenya). *Bulletin du Jardin botanique national de Belgique/Bulletin van de Nationale Plantentuin van België* (Bulletin of the National Botanic Garden of Belgium).53.343-371. Published by: Botanic Garden Meise.
76. Nadkarni RS .1973. Karyotypic study in *Crotalaria linifolia* Linn. f. suppl. *Chromosome Inform. Serv* .27-29.
77. Patil BC .1983. Chromosome number in three species of *Crotalaria* Linn. *J. Karnatak University Science* .XXVIII.11- 12.
78. Mohandas A, Kuriachan PI .1979. IOPB chromosome number reports LXIII. *Taxon* .28.265–279. Love A. Published by: International Association for Plant Taxonomy (IAPT).

79. Koul AK, Wakhlu AK, Mangotra R. 1983. Preliminary observations on the pollination mechanism of some species of *Crotalaria* L. *Acta Botanica Indica*. 11. 188- 193.
80. Bir SS, Sidhu M . 1975. Weed flora of cultivable lands in Punjab-maize fields in Patiala district. *Acta Botanica Indica* . 3. 136 - 141.
81. Larsen K . 1971. Chromosome numbers of some Thai Leguminosae. *Botanisk tidsskrift*. 66. 38 - 50.
82. Bir SS . 1967. Cytological observation on the north Indian members of family Leguminosae . *Nucleus*. 10. 47-63.
83. Qian-qing MHKL, Qi-ming Z . 1987. Karyotype analysis of *Crotalaria anagyroides*. *Guihaia* . 3. 2.
84. Husaini SWH, Iwo GA . 1992. Cytomorphological studies of some weedy species of the family Leguminosae from Jos Plateau, Nigeria . *Feddes Repertorium* . 103. 111- 120.
85. Frahm-Leliveld JA . 1957. Observations cytologiques sur quelques Legumineuses tropicales and subtropicales. *Rev. Cytol. Biol. Veg.* 18. 273- 292.
86. Rao YS . 1943. Some chromosome numbers in the genus *Crotalaria*. *Indian Journal of Genetics & Plant Breeding* . 3. 64.
87. Morales AG, Aguiar-Perecin MLR, Mondin M . 2012. Karyotype characterization reveals an up and down of 45S and 5S rDNA sites in *Crotalaria* (Leguminosae-Papilionoideae) species of the section *Hedriocarpae* subsection *Macrostachyae*. *Genetic Resources and Crop Evolution*. 59. 277-288.
88. Auquier P, Renard R . 1975. Nombres chromosomiques de quelques Angiospermes du Rwanda, Burundi et Kivu (Zaire): I. *Bulletin du Jardin botanique national de Belgique/Bulletin van de Nationale Plantentuin van Belgie* . 45. 421- 445.
89. Arora DK, Gupta PK . 1984. Microsporogenesis in male sterile and male fertile *Crotalaria pallida* Ait. *Cytologia*. 49. 685-689.
90. Subramaniam S, Pandey AK, Rather SA . 2015. A revised circumscription of the species in *Bracteatae* complex (section *Calycinae*) in the genus *Crotalaria* L.: evidence from nuclear and chloroplast markers. *Plant Systematics and Evolution* . 301. 2261-2290.
91. Sanjappa M . 1979. In IOPB chromosome number reports LXIV. *Taxon* . 28. 391- 408. Love A. Published by: International Association for Plant Taxonomy (IAPT).
92. Khatoon S, Ali SI . 2006. Chromosome numbers and polyploidy in the legumes of Pakistan. *Pakistan Journal of Botany*. 38. 935- 945.
93. Khatoon S, Ali SI . 1993. Chromosome atlas of the angiosperms of Pakistan. Karachi: University of Karachi vii . 232.

94. Ghosh TK, Choudhary SS .1966. Chromosome number in *C. prostrata* Roxb. *Science and Culture*.32.263.
95. Bir SS, Kumari S.1975. In IOPB chromosome number reports XLIX. *Taxon* .24.501- 516. Love A. Published by: International Association for Plant Taxonomy (IAPT).
96. Miege J .1960. Troisieme liste de nombres chromosomiques d'especes d'Afrique Occidentale. *Ann. Fac. Sci. Univ. Dakar* .5.75-86.
97. Verma RC, Kesavacharyulu K, Raina SN .1982. Cytogenetics of *Crotalaria*. III. possible configurations due to paracentric inversions in *C. sericea* Retz. *Cytologia* .47.499- 502.
98. Subramanyam K , Kamble NP .1967. In IOPB chromosome number reports. XII. *Taxon* .16.341- 350. Love A.
99. Sharma AK, Sarkar AK .1970. Chromosome number reports of plants. Cytogenetics Laboratory. Annual report, 1967–1968 .The Research Bulletin. University of Calcutta, Department of Botany.2.1- 50.
100. Tandon SL, Bhat RN .1970. In IOPB chromosome number reports. XXV. *Taxon* .19.102- 113. Love A .
101. Thomas ES .1967. Chromosome numbers of Phanerogams 2. *Annals of the Missouri Botanical Garden* .54.178- 181. Published by: Missouri Botanical Garden Press.
102. Bhatt RP .1974. "Studies on the flora in North Gujarat: 3 Cytology
". *Nucleus* .17.33- 39.
103. Datta RM, Ghosal KK, Neogi AK .1965. Fibre studies from some fibre-producing plants. I. *Crotalaria*, *Sesbania* and *Hibiscus* (bast fibre producing genera). *Jute Bull*.27.7-Feb.
104. Carvalheira GMG .2000. Plant polytene chromosomes . *Genetics and Molecular Biology*.23.1043- 1050.
105. Gu Z, Sun H .1996. A cytological study of some plants from Quinghi-Xizang plateau . *International symposium on floristic characteristics and diversity of east Asian plants*.84 -85.
106. BIR SS, Kumari S .1973. In IOPB chromosome number reports XLI. *Taxon* .22.459- 463. Love A.
107. Gu ZJ, Sun H .1998. The chromosome report of some plants from Motuo, Xizang (Tibet). *Acta Botanica Yunnanica* .20.207- 210.
108. Ferreira K, Torres GA, Carvalho IVD, Davide LC .2009. Abnormal meiotic behavior in three species of *Crotalaria*. *Pesquisa Agropecuária Brasileira* .44.1641- 1646.
109. Datta RM, Mondal N.1969. New cytotypes in a species of *Crotalaria* and chromosome number in certain other species. *Science and Culture*.35.154 - 155 .

110. Datta RM, Biswas PK .1962. Meiotic studies and chiasma frequencies in some *Crotalaria* species. *Portug. Acta Biologica* .6.253- 269.
111. Tixier P .1965. Données cytologiques sur quelques Legumineuses cultivées ou spontanées du Vietnam et du Laos. *Rev. Cytol. Biol. Veg* .28.133- 174.
112. Patil BC .1983. Cytomixis in *Crotalaria* Linn. *The Journal of Cytology and Genetics* .18.79- 85.
113. Pandey AK, Subramaniam S .2014. Reinstatement of *Crotalaria pellita* (Leguminosae, Papilionoideae) and a new combination for its variety. *Phytotaxa*.183.51- 55.
114. Subramaniam S, Pandey AK, Geeta R, Mort ME .2013. Molecular systematics of Indian *Crotalaria* (Fabaceae) based on analyses of nuclear ribosomal ITS DNA sequences. *Plant Systematics and Evolution* .299.1089- 1106.
115. Subramaniam S, Pandey AK .2013. Taxonomy and phylogeny of the genus *Crotalaria* (Fabaceae): An overview. *Acta Biologica Indica* .2.253- 264.