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Descriptive Inventory

Accession No. 76-103

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Lesins, Karlis - Publications

- Bot 103/1
1. "Progenies from a Cross *Medicago dzhawakhetica* X *M. sativa*".
X International Congress of Genetics, Proceedings, Vol 2. (N.D.)
 2. "Techniques for Rooting Cuttings, Chromosome Doubling and Flower Emasculation in Alfalfa". Canadian Journal of Agricultural Science 35: 58-67 (January-February, 1955).
 3. "Somatic Flower Color Mutations in Alfalfa". Journal of Heredity 47: 4: 171-179 (July-August, 1956).
 4. "Interspecific Hybrids Between Alfalfa, *Medicago Sativa* L., and *M. Dzhawakhetica* Bordz". Agronomy Journal 583; [1956].
 5. "Cytogenetic Study on a Tetraploid Plant at the Diploid Chromosome Level". Canadian Journal of Botany 35:181-196 (1957).
 6. "Note on Pollination Conditions as a Possible Source of Variation in Alfalfa Forage Yields". Canadian Journal of Plant Science 37: 174-175, (April, 1957).
 7. With Irma Lesins.
"Some Improvements in Paper Chromatography Technique for Sap-soluble Plant Pigments". Proceedings of the Genetics Society of Canada 3:2, (October 1958).
 8. With Irma Lesins
"Sibling Species in *Medicago Prostrata* Jacq." Canadian Journal of Genetics and Cytology. 2:4: 416-417 (December 1960).
 9. "Interspecific Crosses Involving Alfalfa. I. *Medicago Dzhawakhetica* (Bordz.) Vass. X *M. Sativa* L. and its Peculiarities. Canadian Journal of Genetics and Cytology. 3;2; 135-152 (June 1961).
 10. "Interspecific Crosses Involving Alfalfa II. *Medicago Cancellata* M.B. X *M. Sativa* L." Canadian Journal of Genetics and Cytology 3:3: 316-324 (September 1961).
 11. "Mode of Fertilization in Relation to Breeding Methods in Alfalfa". Zeitschrift für Pflanzenzüchtung 45;1 31-54 (1961).
 12. "Interspecific Crosses Involving Alfalfa. III. *Medicago Sativa* L. X *M. Prostrata* Jacq." Canadian Journal of Genetics and Cytology 4:1: 14-23 (March 1962).
 13. With I. Lesins
"Trueness-To-Species in Seed Samples of *Medicago*, with a Note on $2n = 14$ Species". Canadian Journal of Genetics and Cytology 4:3 337-339 (1962).

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14. With I. Lesins
"Some Little-known Medicagos and their Chromosome Complements II. Species from Turkey." Canadian Journal of Genetics and Cytology, 5: 2: 133-137. (1963)
15. With I. Lesins
"Pollen Morphology and Species Relationship in Medicago L." Canadian Journal of Genetics and Cytology, 5: 3: 270-280. (1963)
16. With I. Lesins
"Diploid Medicago Falcata L." Canadian Journal of Genetics and Cytology 5: 2: 152-163. (1964)
17. With I. Lesins
"Little-known Medicagos and their Chromosome Complements. IV. Some Mountain Species." Canadian Journal of Genetics and Cytology, 8: 1: 8-13. (1966)
18. With A. Erac
"Relationship of Taxa in the Genus Medicago as Revealed by Hybridization. I. M. Striata x M. Littoralis." Canadian Journal of Genetics and Cytology, 10: 2: 263-275. (1968)
19. With C.B. Gillies
"Relationship of Taxa in Genus Medicago as Revealed by Hybridization. II. M. Pironae x M. Daghestanica with Reference to M. Sativa." Canadian Journal of Genetics and Cytology 10: 2: 454-459. (1968)
20. "Interspecific Crosses Involving Alfalfa. IV. Medicago glomerata X M. sativa with reference to M. prostrata." Canadian Journal of Genetics and Cytology. 10: 3: 536-544. (1968)
21. With F.H. Schulz
"Some Effects of Bacterial Inoculation on Silage Making " Canadian Journal of Animal Science, 48: 15-25. (1967)
22. With C.B. Gillies
"Medicago murex with $2n=1$ and $2n=14$ Chromosome Complements." Chromosoma, 30: 109-122. (1970)
23. With M. Singh and A. Erac
"Relationship of Taxa in the Genus Medicago as Revealed by Hybridization. V. Section Intertextae." Canadian Journal of Genetics and Cytology, 8: 2: 335-346. (1971)
24. "Interspecific Hybrids Involving Alfalfa. VI. Ineffectiveness of Allopolyploidy in Induction Fertility in Medicago Pironae X M. Daghestanica Hybrids." Canadian Journal of Genetics and Cytology, 8: 3: 437-442. (1971)

25. With C.B. Gillies
"Pachytene Chromosome Morphology at Different Ploidy Levels in Medicago."
Heredity, 26: 3: 486-490. (1971)
26. "Interspecific Crosses Involving Alfalfa. VII. Medicago Sativa X
M. Rhodopea." Canadian Journal of Genetics and Cytology, 14: 221-226.
(1972)
27. With T. Ignasiak
"Carotenoids in Petals of Medicago Falcata." Phytochemistry, 11:
2581-2583. (1972)
28. With Teresa Ignasiak
"Carotenoids in Petals of Some Perennial Medicago Species." Biochemical
Systematics, 1: 97-100. (1973)
29. S.M. Singh
"Relationships of Taxa in the Genus Medicago as Revealed by Hybridization.
VII. M. Tornata Complex." Canadian Journal of Genetics and Cytology,
15: 321-325. (1973)
30. With R.S. Sadasivaiah
"Reduction of Chromosome Number in Root Tip Cells of Medicago."
Canadian Journal of Genetics and Cytology, 16: 219-227. (1974)
31. With Teresa Ignasiak
"Carotenoids in Petals of Perennial Medicago Species." Biochemical
Systematics and Ecology, 2: 177-180. (1975)
32. With S.M. Singh, I. Baysal and R.S. Sadasivaiah
"An Attempt to Breed Hexaploid Alfalfa (Medicago spp.)." Zeitschrift
für Pflanzenzüchtung, 75: 192-204. (1975)