

UNIVERSITY OF ALBERTA ARCHIVES

DESCRIPTIVE INVENTORY

Accession No. 70-109

L.P.V. Johnson

August 31, 1970

- Boil
1. **Strictly for Posterity**, by L.P.V. Johnson. Handwritten manuscript. April, 1970.
 2. **Field Crops III. Cytology Summary.** 1931-32.
 3. **Field Crops 61. Exercises.** October-December, 1932.
 4. **National Research Council. Minutes.**
Division of Biology and Agriculture. March, 1938-December, 1941
Science Association. April-September, 1940
Forest Tree Breeding and Propagation. December, 1937-October, 1938.
 5. **Seminar Manuscripts**
 - a. "A National Plan for the Conservation of our Natural Resources" 1940
 - b. "Recapitulation in Man"
 - c. "The Delayed Germination of Seeds" 1934
 - d. "What Can a Man Believe" 1931
 - e. Cytogenetics Seminar. February 9, 1937. Notes
 - f. "The Origin of Fatuoid Oats With Particular Reference to a Hybridization Theory" 1934
 - g. "Review of Harvey's Work on the Hardening Process in Cabbage and Tomato Plants." Plant Physiology Seminar (Botany 235), May 28, 1934
 - h. "Investigations on the resistance of oat species and varieties against loose smut of oats and its importance." by Klaus von Rosenstiel. Translated and abstracted by L.P.V. Johnson. Field Crops 110 Seminar. January 18, 1934.
 - i. "George Washington - Farmer"
 - j. "Origin of Fatuoids with Particular Reference to Comparisons with Avena sativa X A. fatua Crosses" Field Crops Seminar. November 30, 1931.
 - k. "Genetics in Relation to Development" Cytogenetics Discussion Group. Division of Forage Plants. Notes. December 7, 1937.
 - l. "Autotetraploidy" Cytogenetics Seminar. Division of Forage Plants. Notes. February 9, 1937.
 - m. "Fermentation Enzymes" Botany 235. Plant Physiology Seminar. May 6, 1935.
 - n. "Seed Certification" Radio Talk. December 7, 1934.
 - o. "Historical Background of the Principles Involved in the Production of Certified Seed" and "The Canadian Seed Growers Association" Symposium; Production of Certified Seed.
 - p. "Resistance to Freezing in Plants" April 3, 1936.
 - q. "The Role of Natural Selection in the Improvement of Shelterbelt Trees"
 - r. "Classification in Avena" February 22, 1932.
 6. "Studies on the Inheritance of Covered Smut Reaction, Lemma Color, Awn Development and Rachilla Pubescence in Oats" 1933

7. "Natural and Artificial Hybridization of *Avena Sativa* with *A. Fatus* and its Relation to the Origin of Patuoids" 1934
8. "Physiological and Genetical Studies on Delayed Germination in *Avena*" Abstract of a dissertation submitted in partial fulfillment of the requirements for the degree of a Doctor of Philosophy in Agriculture (Agronomy), State College of Washington (1935)
9. "General Preliminary Studies on the Physiology of Delayed Germination in *Avena Fatus*" 1935
10. "The Inheritance of Delayed Germination in Hybrids of *Avena Fatus* and *A. Sativa*" 1935
11. "The Origin of Patuoid Oats with Particular Reference to a Hybridization Theory" 1936
12. "Hybridization of *Triticum* and *Agropyron*. III. Crossing Technique" 1937
13. "Hybridization of *Triticum* and *Agropyron*. IV. Further Crossing Results and Studies on the F_1 Hybrids" 1938
14. "An Attempt to Hybridize Annual and Perennial *Avena* Species" 1939
15. "The Breeding of Forest Trees" 1939
16. "A Descriptive List of Natural and Artificial Interspecific Hybrids in North American Forest-Tree Genera" 1939
17. "Relation of Sunspot Periodicity to Precipitation, Temperature, and Crop Yields in Alberta and Saskatchewan" 1940
18. "Experiments of Chemical Control of Damping-off in *Pinus Resinosa* Ait" 1942
19. "Studies on the Relation of Growth Rate to Wood Quality in *Populus* Hybrids" 1942
20. "The Storage and Artificial Germination of Forest Tree Pollens" 1943
21. "Sugar Production by White and Yellow Birches" 1944
22. "Development of Sexual and Vegetative Organs on Detached Forest Tree Branches Cultured in the Greenhouse" 1945
23. "A Note on the Production of Vitamin C by Sprouting Seeds" 1945 SEE - 27.
24. "Forest Tree Breeding" 1945
25. "Reduced Vigour, Chlorophyll Deficiency, and Other Effects of Self-Fertilization in *Pinus*" 1945
26. "Physiological Studies of Sap Flow in the Sugar Maple, *Acer Saccharum* Marsh" 1945

27. "A Note on the Production of Vitamin C by Sprouting Seeds" 1943
 28. "A Rapid Squash Technique for Stem and Root Tips" 1945
 29. "Effect of Chemical Treatments on the Germination of Forest Tree Seeds" 1945
 30. "A Practical Method of Overcoming Seed Dormancy in *Tilia Americana* L" 1946
 31. "Fertilization in *Ulmus* with Special Reference to Hybridization Procedure" 1943
 32. "Effect of Humidity on the Longevity of *Populus* and *Ulmus* Seeds in Storage" 1946
 33. "Colchicine Treatment Techniques for Sprouted Seeds and Seedlings" 1946
 34. "Preliminary Report on Interspecific Hybridization in Forest Trees" 1946
 35. "Hybridization Technique for Forest Trees" 1946
 36. "A Note on Inheritance in F_1 and F_2 Hybrids of *Populus Alba* L. X *P. Grandidentata* Michx" 1945
 37. "The Chromosomes of *Camellia*" 1945
 38. "Pollen Studies in *Camellia*" 1947
 39. "Embryonic Reaction to Sodium Biselenite as a Test of Seed Vitality" 1947
 40. "Dr. W.J. Spillman's Discoveries in Genetics" 1948
 41. "A System of Backcross Designations for Use in Plant Breeding" 1950
 42. "Inheritance of Resistance to *Ustilago Nuda* in Barley" 1952
 43. "Note on the Effect of Ultrasonic Vibration on Development of Barley" 1954
 44. "Note on the Effect of Photoperiod and Temperature on the Development of Spike Primordia in Barley" 1953
 45. "Inheritance of Earliness in Barley" 1953
 46. **Hail Injury: Grain Crops in Western Canada, by L.F.V. Johnson and S.B. Helgason**
-
47. "The Composition of Segregating Generations of Self-pollinating Plants" 1951
 48. "Inheritance of Winterhardiness in an Eighteen-parent Diallel Cross of Barley" 1952

- 4 -

49. "The Influence of Seed Size and Seeding Rate on Yield and Yield Components of Barley" 1963
50. "Applications of the Diallel-Cross Techniques to Plant Breeding" 1963
51. "Inheritance of Earliness in a Six-Parent Diallel Cross of Barley"
52. "A Note on the Relation of Relative Sun-Spot Number to Precipitation"
53. "The Inheritance of Malting Quality and Agronomic Characters in a Diallel Cross of Barley" 1964
54. The New Trail. Vol. XXII, No. 2. Fall, 1964. Includes "The First Fifty Years As Five Deans Found Them" by L.P.V. Johnson.
55. Agriculture Bulletin. 1965. Includes "Faculty's First Fifty Years; A History of the Faculty of Agriculture" edited by L.P.V. Johnson
56. Agriculture Bulletin. No. 6. February, 1967. Includes "Rice Revolution in Monsoon Asia" by L.P.V. Johnson.
57. Agriculture Bulletin. No. 7. February, 1968. Includes "More Rice in Monsoon Asia" by L.P.V. Johnson.
58. "Registration of Centennial Barley" 1968
59. "Natural Selection in a Composite Cross of Barley" 1969
60. "In the Time of the Thetans" a review of the book by L.P.V. Johnson

Desk Calendar Pads:

61. 1957
62. 1958
63. 1959
64. 1960
65. 1961
66. 1962
67. 1963
68. 1964
69. 1965
70. 1967
- 71a. 1968
- 71b. 1969

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Personal Correspondence:

box 3	
72. 1919	83. 1942
73. 1921	84. 1943
74. 1925	85. 1944
75. 1926	86. 1946
76. 1927	87. 1947
77. 1928	88. 1948
78. 1929	89. 1949
79. 1930	90. 1950
80. 1934	91. 1951
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box 3 81. 1935	92. n.d.
82. 1940	

93. Calling Card of L.P.V. Johnson, Ph.d., no date

Photographs: :

94. Plowing the Prairie, c. 1909. 4 1/2 x 6 1/2
95. Large herd west of Stavely, c. 1910. 6 x 4
96. Mountain Peak School, with L.P.V. Johnson, c. 1912. 4 1/2 x 3 1/4
97. Willow Creek in the Foothills, c. 1917. 4 1/2 x 3 1/2
98. Bucking Contest, Willow Creek picnic grounds, 1920. 4 1/2 x 3
99. Threshing, 1921. 4 1/2 x 3 1/2
100. Hauling Wood, 1922. 4 1/2 x 3
101. L.P.V. Johnson, 1935. 2 1/2 x 4
102. L.P.V. Johnson, Mother and Dad at Geneseo, Ill., 1938. 3 x 4 1/2
103. 172 Marlborough Avenue, Ottawa, 1945. 4 1/2 x 3
104. L.P.V. Johnson teaching Genetics. Ag. Bldg., 1953. 4 1/2 x 3
105. Family Group. L.P.V.'s 60th birthday, 1965. 4 x 3 1/4
106. Driftwillow, 1965. (Elaine, Elise, Del, Bob, Shirley). 4 1/2 x 3 1/2

107. Dad, age 80. 3 x 3 1/2

Programmes:

- ✓ 108. Graduation Hall. May 16, 1933
- 109. Students' Reception to the Staff. July 28, 1933
- ✓ 110. Field Husbandry 80. Record of Students' Lab Exercises, Quiz Papers and Bulletins Loaned. 1923-30.