

Series Outline

Series I. Statistical Science
Series II. Buildings
Series III. Personnel
Series IV. Agricultural Engineering
Series V. Branch Stations
Series VI. Vegetable Crops
Series VII. Landscapes
Series VIII. Entomology
Series IX. Food Technology
Series X. Microbiology
Series XI. Agricultural Chemistry
Series XII. Poultry Science
Series XIII. Dairy Husbandry
Series XIV. Fisheries and Wildlife
Series XV. Animal Sciences
Series XVI. Home Economics
Series XVII. Food Technology
Series XVIII. Animal Sciences
Series XIX. Fisheries and Wildlife
Series XX. Pesticides, Herbicides, and Insecticides
Series XXI. Soils
Series XXII. Pesticides, Herbicides, and Insecticides
Series XXIII. Crops and Irrigation
Series XXIV. Water/Irrigation
Series XXV. Crops
Series XXVI. Horticulture
Series XXVII. Crops

Detailed Description of the Collection

Box

Series I. Statistical Science

- 1 P132:001-P132:003. OSU IBM 1620 located in statistical services computer laboratory, July 1961 (Negative 1837E-1839E)

Box

Series II. Buildings

- 1 P132:004. Exterior and second floor of Waldo Hall, June 1970 (Negative 0076E)
- 1 P132:005. New Bio-Science building (Nash Hall) and Dr. Paul R. Elliker ([negative 849E])

Box**Series III. Personnel**

- 1 P132:006-P132:007. Dr. Spencer Apple and Dr. William Frazier viewing research bean crop at Mid Willamette Experiment Station, Nov 9, 1970 (Negative 00066E and 00055E)
- 1 P132:008. Retirement party for Frank L. Ballard (left). Also Mrs. Ballard, Dean and Mrs. Price; taken by Robert Birdsall, June 1961 (Negative 1758E)
- 1 P132:009-P132:010. Mercury team Dr. Donald R. Buhler and Dr. Robert R. Claeys, Aug 1970 (Negative 815E)
- 1 P132:011. Len Calvert, Extension information specialist, c 1970 (Negative 00769)
- 1 P132:012. Statistician Lyle D. Calvin uses a computer for processing fish survey data, winter 1969 (Negative 00186E)
- 1 P132:013. Ted H. Carlson, associate professor of journalism, office in Waldo Hall, June 1970 (Negative 00759E)
- 1 P132:014. Horace B. Cheney, Soils department head, and soil scientist Larry Alban; taken by R. Birdsall, 1955 (Negative 1635E)
- 1 P132:015. OSU animal scientist David C. Church checks liquors fermenting in an artificial rumen, Spring 1963 (Negative 1998E)
- 1 P132:016. Superintendent Thomas P. Davidson, Umatilla Experiment Station, June 1970 (Negative 00764E)
- 1 P132:017. Joyce Driscoll, Dec 1970 (Negative 00176E)
- 1 P132:018. Dr. Harold Evans and graduate student viewing an experiment involving cobalt nitrogen fixation, Nov 10, 1970 (Negative 00060E)
- 1 P132:019. Carl L. Foster, Squaw Butte Field Day, Sept 22, 1970 (Negative 00083E)
- 1 P132:020. Dr. Robert W. Henderson, Assistant Director of the Agricultural Experiment Station, no date (Negative 940E)
- 1 P132:021. Dr. Robert W. Henderson, Assistant Director of the Agricultural Experiment Station, shown swiping ripe blueberries from the Lewis Brown farm, no date (Negative 911E)
- 1 P132:022-P132:023. Dr. Robert W. Henderson, Assistant Director of the Agricultural Experiment Station, no date (Negative 854E and 975E)
- 1 P132:024. Elbert N. Hoffman, Superintendent, Malheur Experiment Station, June 22-26, 1970 (Negative 00141E)
- 1 P132:025-P132:026. Dr. Harold J. Jensen, nematologist, examines specimen in his laboratory, 1950s (Negative 385E-386E)
- 1 P132:027. Dr. James A.B. McArthur, Superintendent, Eastern Oregon Experiment Station, June 22-26, 1970 (Negative 00167E)
- 1 P132:028-P132:029. David P. Moore, Department of Soils, 1972 and pre-1970 (Negative 34E)
- 1 P132:030. Mrs. Olive Mott, Summit, measures daily rainfall for U.S. Weather Bureau, 1950s (Negative 1092E)
- 1 P132:031. Jim Oldfield, OSC animal husbandman, checks weight of lambs on antibiotic supplement feeding, Jan 1957 (Negative 1475E)
- 1 P132:032. Al Oliver; taken by R. Birdsall, June 1961 (Negative 1759E)
- 1 P132:033-P132:035. F.E. Price, Dean and Director of Agriculture, 1950s (Negative 1095E-1097E)
- 1 P132:036. Dean Price presenting 1961 Basic Research award to Jim Oldfield, O. Herbert Muth, John R. Schubert, Jan 1962 (Negative 1847E)
- 1 P132:037-P132:039. Robert J. Raleigh, Squaw Butte Superintendent at Squaw Butte Field Day, Sept 22, 1970 (Negative 00091E)
- 1 P132:040-P132:041. Larry Rittenhouse, Squaw Butte Field Day, Sept 22, 1970 (Negative 00088E)
- 1 P132:042. Charles Sanderson, former assistant editor, Experiment Station, 1970 (Negative 00728E)
- 1 P132:043. Forrest A. Sneva, Squaw Butte Field Day, Sept 22, 1970 (Negative 00087E)
- 1 P132:044-P132:046. Harley A. Turner, Squaw Butte Field Day, Sept 22, 1970 (Negative 00095E)
- 1 P132:047. Dr. George F. Waldo looks over a bench of 2172 strawberry plants, 1950s (Negative 931E)
- 1 P132:048. Howard Wight engaged in starling experiment, no date (Negative 00058E)
- 1 P132:049. G. Burton Wood with Art Sawyer, ex-Branch. Supt., rancher C. Miller and Extension Agent Ray Novtny, Nov 23, 1970 (Negative 00096E)
- 1 P132:050. G. Burton Wood and Robert J. Raleigh, Squaw Butte Superintendent at Squaw Butte Field Day, Sept 22, 1970 (Negative 00096E)
- 1 P132:051-P132:053. Dr. Arthur S. Wu, Asst. Prof. of Animal Physiology, June 1970 (Negative 874E)
- 1 P132:054. Dr. Roy Young, associate plant pathologist, examines potato plant, 1950s

Box**Series IV. Agricultural Engineering**

- 1 P132:055. Glen Page, OSC agricultural engineer, examines new soil fumigation blade he developed, Oct 1956 (Negative 1294E)
- 1 P132:056. Kink pipe before Dale Kirk, Agricultural Engineer, applies water pressure from hydraulic pump, 1950s (Negative 876E)
- 1 P132:057. Te May Ching at work in seed lab; taken by Len Calvert, Fall 1963 (Negative 2060E)
- 1 P132:058. Experimental model: machine using vibration to achieve partial separation of seed samples. From left: Byron Mikkelson, Assistant in Ag. Engineering; Dr. Oren Justice, research botanist in Field Crops and Animal Science branch; and Ed Hardin, seed technologist; taken by Calvert, July 1963 (Negative 1955E)
- 1 P132:059. D.E. Booster, OSC Agricultural Engineer, demonstrating electrostatic seed separator that employs differences in conductivity of seeds as a basis for separation; taken by R. Birdsall, July 1958 (Negative 1666E)
- 1 P132:060. Gladiolus harvester developed by Myron Cropsey, 1950s (Negative 954E)
- 1 P132:061. Gladiolus harvester developed by Myron Cropsey, 1950s (Negative 957E)
- 1 P132:062. Cutting daily green chop for dairy feed, 1950s (Negative 23E)
- 1 P132:063. Picking pears from a mechanical self-propelled "Girette" near Medford. Hoist arm is controlled from the picker's tower and swings from tree to unloading station where bag is dumped; taken by Don Langmo, 1962 (Negative 1910E)
- 1 P132:064. Experimental blackberry harvester being tested in Marion county; taken by Birdsall, no date (Negative 1985E)
- 1 P132:065. Fence building at the Henry Klages farm, Joseph, Oregon, July 1961 (Negative 1885E)

Box**Series V. Branch Stations**

- 1 P132:066. Ranchers listen to station personnel explain range management programs at Squaw Butte Experiment Station, Nov 24, 1970 (Negative 00077E)
- 1 P132:067. Robert J. Raleigh begins field day by explaining program, Nov 24, 1970 (Negative 00078E)
- 1 P132:068. Squaw Butte and station building of Squaw Butte Experiment Station, June 1970 (Negative 00758E)
- 1 P132:069. Various views of Squaw Butte. Some showing improved range, others showing station herd grazing, summer 1960 (Negative 1723E)
- 1 P132:070. View of Squaw Butte range, no date (Negative 884E)
- 1 P132:071. Burns Post Office (headquarters of Squaw Butte Experiment Station), June 22-26, 1970 (Negative 00067E)
- 1 P132:072. Experimental greenhouse, plastic, under trial at North Willamette Experiment Station at Aurora; taken by Bob Mason, June 1961 (Negative 1780E)
- 1 P132:073. Field Day, Umatilla Branch Station, circa 1960 [Print and negative missing, Oct. 1994]
- 1 P132:074. Harold White, Superintendent of Southern Oregon Branch Station, examines certified talent alfalfa being grown in tent. Seed is from pure stock of talent alfalfa. The tent is used to maintain purity, no date (Negative 922E)
- 1 P132:075. Art Sawyer, Superintendent, examines crested wheat grass seedings at Squaw Butte-Harney Branch Station, no date (Negative 1045E)
- 1 P132:076. Merrill Oveson, Superintendent of Pendleton Branch Station, examines safflower on the station grounds, no date (Negative 1048E)
- 1 P132:077. Malheur branch experiment station visitors watch Albert S. Hunter, OSC soils scientist, demonstrate combine designed to harvest experimental grain plots; taken by R. Birdsall, July 1954 (Negative 817E)
- 1 P132:078-P132:079. Malcom Johnson, Superintendent of Central Oregon Experiment Station, no date (Negative 1326E)
- 1 P132:080-P132:081. Gene Cross tells about research on barley and wheat plots at the station. The woman is the county commissioner, Sept 1970 (Negative 18E)
- 1 P132:082-P132:083. Superintendent Charles Rohde of the Pendleton Experiment Station, June 1970 (Negative 839E)
- 1 P132:084. Fred Hagelstein (left) talks with Superintendent Charles Rohde. In background is G.Burton Wood, June 1970 (Negative 839E)
- 1 P132:085-P132:086. G. Burton Wood talks with resident before outdoor meeting on lawn of station, June 1970 (Negative 839E)
- 1 P132:087. Box lunches keep Chamber of Commerce group busy during tour of station facilities, June 1970 (Negative 839E)
- 1 P132:088. M.W. Mellenthin with limb cage developed to control temperature, June 1970 (Negative 864E)
- 1 P132:089. Administration building at Station, June 1970 (Negative 864E)
- 1 P132:090. Walt Mellenthin, Superintendent, June 1970 (Negative 864E)
- 1 P132:091. Field Day at North Willamette branch station; taken by Birdsall, 1960 (Negative 1953E)
- 1 P132:092. Pear breeding experiments at the Southern Oregon Branch Experiment Station are aimed at improving pear varieties. A tree has been completely covered to insure controlled breeding work. Seedling produced from see on this tree are resistant to blight and make excellent rootstocks. Bees are kept in enclosure for pollinating. They transfer pollen from a bouquet of flowers of another variety, Summer 1950 (Negative 321E)
- 1 P132:093. General shot of beef feeding lots at Umatilla branch station; taken by Birdsall, Sept 1962 (Negative 1961E)

Box**Series VI. Vegetable Crops**

- 1 P132:094. William Allan Frazier, horticulturist, examines blue lake type bush beans he has developed; taken by Mason, Sept 1956 (Negative 1467E)
- 1 P132:095. William Allan Frazier, horticulturist, examines blue lake pole bean parent he is using in genetic work; taken by Mason, Sept 1956 (Negative 1470E)
- 1 P132:096. William Allan Frazier, horticulturist, developed high quality bush bean through eight backcrosses to famed Blue Lake pole bean. Result: tender, stringless pods yielding 4 to 5 tons per acre and well-adapted to machine picking; taken by R. Birdsall, 1958 (Negative 1689E)
- 1 P132:097. William Allan Frazier, horticulturist, examines early hybrid tomatoes on left, compared with Stokesdales on right, no date (Negative 980E)
- 1 P132:098. Mechanical harvesting on Wiley Clowers farm. Potatoes on ground are undersized taken out by eliminators, Nov 1960 (Negative 1784E)
- 1 P132:099a. Mechanical transfer from sacks to bulk-bed on Harold Allen farm, Nov 1960 (Negative 10E)
- 1 P132:099b. Close-up of mechanical harvester, Nov 1960 (Negative 10E)
- 1 P132:099c. Digger and harvester working together, Nov 1960 (Negative 10E)
- 1 P132:100. Mechanical bush bean harvester covers 3 1/2 to 5 acres a day, travels between three-fourths to one mile an hour, and picks 15 to 20 tons a day. Tested this year by Oregon State College, the machine proved 70 to 85 percent efficient in harvesting new Blue Lake hybrid bush beans on OSC experimental plots near Corvallis; taken by R. Birdsall, 1958 (Negative 1687E)
- 1 P132:101. Mechanical harvester being tested on onions in Malheur County, Fall 1961 (Negative 1862E)
- 1 P132:102. Propane burning of potato vines for easier harvest and for Verticillium Wilt control at Harold Allen farm, Nov 1960 (Negative 19E)

Box**Series VII. Landscapes**

- 1 P132:103. View of Harvey Aluminum plant, The Dalles, 1961 (Negative 1863E)
- 1 P132:104. Entering the Fort Rock Valley from the south, Nov 1955 (Negative 1219E)
- 1 P132:105. Snow drifts in the Fort Rock Valley, Nov 1955 (Negative 1218E)
- 1 P132:106. View of Fort Rock by way of Rube Long's mail box, Nov 1955 (Negative 1207E)
- 1 P132:107. Typical view of Fort Rock area, Nov 1955 (Negative 1209E)
- 1 P132:108. View of Hood River Valley from Mid-Columbia Branch Station, 1950s (Negative 106E)
- 1 P132:109. View of John Day valley from U.S. Highway 395 between John Day and Pendleton, 1950s (Negative 1376E)
- 1 P132:110. Band belonging to Ralph Longfellow is on a long journey from the Snake River to summer range in the high Wallowas, Joseph, Oregon; taken by Walter W. Klages, July 1961 (Negative 1884E)
- 1 P132:111-P132:112. View of Harney valley from the foot hills of Steen's Mountain, 1960s (Negative 1239E and Negative 1237E)

Box**Series VIII. Entomology**

- 1 P132:113. Entomologist William P. Nagel examines sample of damaged bark. Damage inflicted by the Douglas-fir beetle, Spring 1968 (Negative 00204E)
- 1 P132:114. Peter Westgard, entomologist, check codling moth trap to determine population in test block of pears, 1967-1968 (Negative 00222E)
- 1 P132:115. OSU entomologist Knud Swenson examines artificially reared aphid colonies, Fall 1963 (Negative 2011E)
- 1 P132:116. As a marked bee leaves the feeding station, Dr. Edward Anderson, an entomologist from Eastern Oregon College, calls Schricker by walkie talkie and punches his stop watch. Wind direction and velocity are read from

- the anometer shown at left. Wind is figured to compute the air distance travelled by the bee; taken by Don Wright, Aug 1965 (Negative 2056E)
- 1 P132:117. Dr. Schricker clocks the bee's return trip to a specially built observational hive. Progressively higher doses of the insecticide, parathion, slows the bee's normal flying speed of above 20 m.p.h. and disrupts an intricate dance which the bees use to communicate distance and direction to food; taken by Don Wright, Aug 1965 (Negative 2057E)
- 1 P132:118. A honey bee lands at a feeding station to take on a load of sugar solution containing a trace of insecticide. As she sucks up the artificial nectar she will be marked with colored dots to allow the scientists to observe her behavior back at the hive; taken by Don Wright, Aug 1965 (Negative 2055E)
- 1 P132:119. Station for leafcutter bees at Malheur station; taken by Birdsall, Summer 1963 (Negative 1930E)
- 1 P132:120. Portable bed for alkali bees at Malheur station; taken by Birdsall, Summer 1963 (Negative 1932E)
- 1 P132:121. Close up of a bee hive; taken by Stephens, June 1956 (Negative 1366E)
- 1 P132:122. Earl Brown, county agent at Milton-Freewater spraying cattle with DDT; taken by Goulding, October 1957 (Negative 1655E)
- 1 P132:123. Backrubbers for insecticide applications for cattle; taken by Goulding, October 1957 (Negative 1656E)
- 1 P132:124. "Pour-on" treatments can be used either for a single steer or in a sarge feedlot/cattle-grub control, Fall 1963 (Negative 2012E)

Box**Series IX. Food Technology**

- 1 P132:125. Dr. Harold Schultz, head of Food Technology at OSC, examines some dehydrated potatoes at the OSC Food Technology lab, 1960s (Negative 1091E)
- 1 P132:126. Dr. Harold Schultz examines some hamburger that has been irradiated to kill all bacteria. Cans are stored at 100 degree rooms to test storage quality, 1960s (Negative 1090E)
- 1 P132:127. Dr. Robert F.Cain putting ground hamburger into cans before being sent for irradiation, 1960s (Negative 1161E)
- 1 P132:128. Dr. Wiegand, left, and Dr. Thomas Onsdorff, right, examine dehydrated onion rings, 1960s (Negative 1093E)
- 1 P132:129-P132:131. Processing blue lake beans at Blue Lake Packers, Corvallis, Fall 1961 (Negative 1848E and 1867E-1868E)

Box**Series X. Microbiology**

- 1 P132:132. Roy Wilfred Stein and Paul R. Elliker remove raw milk samples from incubator and will next test them for numbers of bacteria, 1960s (Negative 1679E)
- 1 P132:133. Roy Wilfred Stein and William E. Sandine, junior bacteriologist, transfer raw milk to a petri dish where milk will be sealed and incubated, 1960s (Negative 1678E)

Box**Series XI. Agricultural Chemistry**

- 1 P132:134. Paul Weswig with samples of wafered, pelleted, and chopped hay to be tested for carotene following storage; taken by Birdsall, c 1962 (Negative 1982E)
- 1 P132:135. Virgil Freed, OSC agricultural chemist, measures the surface tension of an experiment spray solution with a tensiometer. Tensiometer is used to measure effectiveness of various wetting agents mixed with chemical sprays; taken by Mason, Mar 1957 (Negative 1503E)
- 1 P132:136. Agricultural chemist, Virgil Freed, seeking ways to utilize wastes, no date (Negative 00184E)
- 1 P132:137. Dr. Joseph Butts, head of Agricultural Chemistry, adjusts the high vacuum system used to make materials radioactive, 1950s (Negative 432E)
- 1 P132:138. Using radioactive materials in fundamental research with corn pollination are J. Ritchie Cowan, assistant agronomist (left), and Dr. J.S. Butts, biochemist in charge, 1950s (Negative 45E)

Box**Series XII. Poultry Science**

- 1 P132:139. White leghorn rooster which genetically carries disease resistance plus high egg production. Part of Paul Bernier's survival flock; taken by Reasons, June 1956 (Negative 1410E)
- 1 P132:140. Rooster-hen ratio requirements are being studied at the college. This pen of birds is being used in the trials. As few as 6 or 7 roosters per 100 hens have been found satisfactory for consistent high fertility, Aug 1950 (Negative 265E)
- 1 P132:141. Effect of unidentified nutrients, probably vitamins, on chick growth is shown here. Chick at right has been fed normal growing diet supplemented with dried egg yolk. Chick at left has been fed only usual diet; taken by Mason, June 1957 (Negative 1499E)
- 1 P132:142. One of 200 white leghorn families used in selecting disease resistant birds. Part of Paul Bernier's experimental survival flock; taken by Bill Reasons, June 1956 (Negative 1411E)
- 1 P132:143. The value of "open-air" poultry houses is being studied by the Experiment Station. They show real promise for the Willamette Valley in early trials, Apr 1949 (Negative 9E)
- 1 P132:144. Dr. Paul E. Bernier demonstrates measurement techniques used in chicken breeding research, Aug 1950 (Negative 264E)
- 1 P132:145. Tom turkey at the OSC experimental turkey farm, Oct 26, 1951 (Negative 667E)
- 1 P132:146-P132:148. View of OSC turkey flock; taken by Bill Reasons, Nov 1956 (Negative 1327E, 1321E, and 1325E)
- 1 P132:149. Cornelius Bateson and Praetum broiler, 1950s (Negative 1264E)
- 1 P132:150. Tests on hatchability. Newly hatched tray of chicks held by Ben Kladder (Dryden Hall janitor and maintenance person, especially boiler room maintenance), June 1951 (Negative 620E)
- 1 P132:151. Dr. J.E. Parker and rooster with dubbed comb, no date (Negative 390E)
- 1 P132:152. George Arscott shown weighing broilers fed high energy rations, 1950s (Negative 1269E)
- 1 P132:153. George Arscott examines broilers fed comparative ration of Oregon (right) or Midwest corn, 1950s (Negative 126E)
- 1 P132:154. Dr. Paul Bernier, OSC poultry researcher, examines hybrid rooster containing lethal gene, no date (Negative 1001E)
- 1 P132:155. Dr. Paul Bernier holding roosters developed by two hybrid lines. White leghorn at left has lethal gene and its chicks will never live if sired by this rooster. Normal rooster is on right, no date (Negative 1000E)
- 1 P132:156. Dr. Paul Bernier examines white leghorn rooster which genetically carries disease resistance plus high egg production; taken by Bill Reasons, June 1956 (Negative 1412E)
- 1 P132:157. Dr. Paul Bernier examines hen from one of his survival flock experiments; taken by Bill Reasons, June 1956 (Negative 1409E)

Box**Series XIII. Dairy Husbandry**

- 1 P132:158. Making cheese at the OSC dairy plant, 1960s (Negative 871E)
- 1 P132:159. Making butter at the OSC dairy plant, 1960s (Negative 869E)
- 1 P132:160. View of OSC dairy barn, 1950s (Negative 1071E)

Box**Series XIV. Fisheries and Wildlife**

- 1 P132:161. Student examining trap for insects, algae, etc. located in Berry Creek. Picture used for cover of "Oregon's Agricultural Progress," winter issue, 1960, Dec 1959 (Negative 1693E)
- 1 P132:162. Student using dip net in Berry Creek, an experimental 2creek located on Adair tract, Dec 1959 (Negative 1694E)
- 1 P132:163. Beet juice being dumped into Willamette River near Eugene; taken by Bill Reasons, 1959 (Negative 1696E)
- 1 P132:164. Stream pollution in Willamette River near Eugene; taken by Bill Reasons, 1959 (Negative 1697E)
- 1 P132:165. Graduate student Floyd Hutchins feeds young coho in test of growth ability, 1960s (Negative 00200E)
- 1 P132:166. OSU researcher Dean Lee Shumway checks fish swimming ability in water of varying oxygen concentration which is pumped through tubes at varying velocity, Summer 1967 (Negative 00196E)
- 1 P132:167. Carl Bond catching a 12-inch trout, 1960s (Negative 25E)
- 1 P132:168. Charles Warren, OSC fisheries biologist, examines artificial stream before production of kraft paper mill wastes at OSC fisheries laboratory; taken by B. Reasons, Sept 1956 (Negative 1435E)
- 1 P132:169. Arrowtoothed sole or turbot. Proved to be an excellent growth promoter for mink, 1951 (Negative 743E)
- 1 P132:170. Black Rockfish, proved excellent to use in mink diet as promoter of dark fur color, 1951 (Negative 744E)
- 1 P132:171-P132:172. Meadow Mice. See "Oregon's Agricultural Progress" winter 1960 issue, 1960 (Negative 1700E and 1702E)
- 1 P132:173-P132:174. Finding out how moles live is paying off in control of this animal, Summer 1962 (Negative 1990E)
- 1 P132:175-P132:176. Pheasants; taken by Mason, July 1957 (Negative 1548E and 1545E)
- 1 P132:177. Pheasant cock; taken by Mason, July 1957 (Negative 1547E)

Box**Series XV. Animal Sciences**

- 1 P132:178-P132:181. Experimental mink, 1951 (Negative 754E-757E)
- 1 P132:182. Natural rank mink from OSC fur farm, no date (Negative 1704E)
- 1 P132:183. View of OSC sheep on hill pasture, Fall 1955 (Negative 1227)
- 1 P132:184. Idwal Ralph Jones, dairy scientist, offers new hay wafer to dairy cow in OSC trials comparing the wafer with standard alfalfa pellets; taken by R. Birdsall, Apr 1958 (Negative 1660E)
- 1 P132:185. Part of Squaw Butte-Harney range herd, no date (Negative 908E)
- 1 P132:186. Hereford cattle in Texas; taken by Jack Miller, May 1961 (Negative 1789E)

Box**Series XVI. Home Economics**

- 1 P132:187. Test patients are on control diets for 30 days to determine vitamin needs for human subjects. From left, (facing camera) Margaret Fincke, Clara Storvick, Nina Morley, and Betty Hawthorne (back to camera); taken by Mason, June 1957 (Negative 1497E)

Box**Series XVII. Food Technology**

- 1 P132:188. Finding a wide variety of tasteful, wholesome foods at the supermarket, Winter 1969 (Negative 00194E)

Box**Series XVIII. Animal Sciences**

- 1 P132:189. Bob Chestnutt, graduate student, puts arm in clear up to shoulder when removing cud from rumen, 1960s (Negative 1233E)
- 1 P132:190. Bob Chestnutt, graduate student, examines cud taken from cow's rumen, 1960's (Negative 1235E)

Box**Series XIX. Fisheries and Wildlife**

- 1 P132:191. Oyster larva clinging to glass slide growing as artificial seed at Yaquina Bay, 1960s (Negative 996E)

Box**Series XX. Pesticides, Herbicides, and Insecticides**

- 1 P132:192-P132:193. Tansy Ragwort infested with cinnabar moth, 1960s (Negative 1330E)
- 1 P132:194. Burning English rye grass stubble to prevent blind seed disease. E.G. Mason farm, Jefferson, Oregon, Summer 1961 (Negative 1870E)
- 1 P132:195-P132:196. Gorse growing on beach near Bandon, 1960s (Negative 1022E-1023E)

Box**Series XXI. Soils**

- 1 P132:197. Sample of soil erosion in Columbia Basin taken just north of the town of Moro, Mar 1956 (Negative 1240E)
- 1 P132:198. Erosion on Columbia Basin wheatlands, no date (Negative 1591E)

Box**Series XXII. Pesticides, Herbicides, and Insecticides**

- 1 P132:199. Crop dusting of chemical sprays control weeds in seeds and grain, Spring 1963 (Negative 2001E)

Box**Series XXIII. Crops and Irrigation**

- 1 P132:200. Luther Fitch and experimental stand of Lenore flax at Malheur station where it was seeding in mid-March. This is a fall-seeded crop in Willamette Valley; taken by Birdsall, Summer 1963 (Negative 1938E)
- 1 P132:201. Sprinklers at work in orchard at the Hood River branch experiment station, Summer 1950 (Negative 322E)

Box**Series XXIV. Water/Irrigation**

- 1 P132:202. Natural flooding of meadows in late spring was used by early settlers, Fall 1970 (Negative 00249E)
- 1 P132:203. View of overhead sprinkling designed for corn irrigation experiments at East farm, no date (Negative 942E)
- 1 P132:204. Use of small plot irrigator on sweet corn at vegetable crop farm, Corvallis; taken by Harry Mack, Aug 1957 (Negative 1601E)
- 1 P132:205. Luther Fitch setting siphon tubes on onion plots at Malheur station; taken by Birdsall, Summer 1963 (Negative 1943E)

Box**Series XXV. Crops**

- 1 P132:206. Mint under irrigation between Madras and Redmond, no date (Negative 1360E)
- 1 P132:207. Harvesting barley at E.G. Mason farm, Jefferson, Oregon; taken by Mason, Aug 1957 (Negative 1549E)
- 1 P132:208. Augering 40-fold wheat from bin into truck for delivery into Heppner. Frank Wilkinson farm, near Heppner; taken by Mason, Aug 1957 (Negative 1617)
- 1 P132:209. Alfalfa seed being harvested in Umatilla county; taken by Bill Stephen, Aug 1961 (Negative 1894E)
- 1 P132:210a. Stacking hay loose has proved faster and more economical on the Henry Klages and Sons ranch, Joseph, where feeding is done near the haystack, July 1960 (Negative 1793E)
- 1 P132:210b. Alfalfa and grass hay in windrows ready to be stacked. Henry Klages and Sons ranch, Joseph, July 1960 (Negative 1793E)
- 1 P132:210c. Seed bed preparation with a D-2 Caterpillar and Van Brunt cultivator. Bill Cool farm, Joseph, May 1961 (Negative 1793E)
- 1 P132:211. Hay is transported by trucks and farmhand to a feed lot. Henry Klages and Sons ranch, Joseph, Mar 1960 (Negative 1795E)
- 1 P132:212. J. Ritchie Cowan in forage breeding plots at Hyslop farm; taken by Birdsall, 1955 (Negative 1912E)
- 1 P132:213-P132:214. Agronomist Rod Frakes examines alfalfa flower being used for breeding; used in Oregon's Agricultural Progress, Fall 1960 (Negative 1737E)
- 1 P132:215. Winter safflower being tested at Pendleton station by Larn Beutler; taken by R. Birdsall, Summer 1963 (Negative 1933E)
- 1 P132:216. Charles Rohde (left) and President Jensen examine stripe rust resistant Omar during Pendleton Station 1963 Field Day; taken by R. Birdsall, Summer 1963 (Negative 1921E)

Box**Series XXVI. Horticulture**

- 1 P132:217. Linda Clement, 5, and Charles Ruettgers, 4, of Scio, were among 2000 visitors from throughout the Northwest who visited the 1953 annual Oregon Early Chrysanthemum Show and Field Day at Corvallis, October 3-4; taken by R. Birdsall, Oct 1953 (Negative 804E)
- 1 P132:218. Dr. David Chilcote, head of straw utilization project, hods cubes of perennial ryegrass straw for experiments, Dec 1970 (Negative 00162E)
- 1 P132:219. Walt Mellenthin at Lewis Brown farm with dwarf apple plantings, June 1951 (Negative 586E)
- 1 P132:220. Elmer Hansen, OSC Horticulturist, examines carbon dioxide level as being piped onto polyethylene bags to find out what causes brown core in pears; taken by Mason, Sept 1956 (Negative 1443E)
- 1 P132:221. Elmer Hansen and lab apparatus which detects amounts of various acids present in stored pears. See story in "Oregon's Agricultural Progress", Spring 1961 (Negative 1752)
- 1 P132:222. Jesse E. Harmond makes flax movies while his flax tour visitors look on. From left to right: Harmond (at the projector); Leonard Klein, Agricultural Engineer; Fred Shideler, head of Journalism; F.A. Gilfillan, Dean of

Science; Norville R. Gish, assistant experiment station editor; extreme right man unidentified, Aug 1950 ([Negative 234E]) [near Mt. Angel.]

- 1 P132:223. Henry Harman, OSC Horticulturalist, examines Golden Doyenner pears, on of the tested varieties he thinks adapted for commercial trial; taken by Mason, Mar 1957 (Negative 1505E)
- 1 P132:224. Vera Jorgenson of Corvallis picking apples; taken by Bill Reasons, July 1957 (Negative 1553E)

Box

Series XXVII. Crops

- 1 P132:225. Wilson Foote, OSC Agronomist, removes anthers from inbred barleys in preparation for crossing with other lines. Taken at Granger, 1960 (Negative 1009E)
- 1 P132:226. Mr. Harry August Schoth standing in the original planting of Alta Fescue on the Oregon Agricultural Experiment Station, Corvallis, Oregon, 1960 (Negative 1196E)
- 1 P132:227. Application of 80 pounds nitrogen fertilizer (actual N) per acre on test plots of Elgin winter wheat at Malheur branch experiment station will yield estimated 60 bushels per acre on plot at left compared to 30 bushels for unfertilized plot at right. Station superintendent Neil Hoffman says recent mild winters have increased interest among local farmers in winter wheat. Year's work load is distributed by seeding in the fall rather than during busy spring season; taken by Birdsall, July 1954 (Negative 820E)
- 1 P132:228. Ralph Garren counting strawberry leaves taken from plants treated with radioactive Maleic Hydrazide, Nov 1961 (Negative 1844E)
- 1 P132:229. OSU Horticulturist Harry John Mack examines a test planting of broccoli, 1968 (Negative 00225E)
- 1 P132:230. Unidentified harvest scene, no date (Negative 455E)
- 1 P132:231. Harvesting an unknown crop, no date (Negative 593E)
- 1 P132:232. Flax field binder-loader in action near Mt. Angel. Developed by flax research engineers, July 1950 (Negative 287E)
- 1 P132:233. New push type flax puller which shows promise of substantial savings to the fiber flax industry, no date (Negative 288E)
- 1 P132:234. Cuber, on Hyslop farm. Leased for two years for straw utilization project. Machine used to cube ryegrass straw for experiments, Dec 1970 (Negative 00152E)
- 1 P132:235. View of new OSC greenhouses, no date (Negative 1134E)
- 1 P132:236. Visitors viewing the OSC mum farm, 1950s (Negative 39E)
- 1 P132:237. Hyslop Farm: Wilson Foote, Al Meyers, Roy Ward looking at Abruzzi rye, 1953 (2 b/w prints.)
- 1 P132:238. Wilson Foote at Hyslop Farm, 1954
- 1 P132:239-P132:241. Strawberry Pickers Wanted signs used in Strawberries for Tomorrow film about mechanical harvesting of strawberries, circa 1979