
Guide to the Herbert J. Webber papers

Processed by Hollie Johnson, 2011.

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Descriptive Summary

Title: Herbert J. Webber papers.

Date (inclusive): 1894-1968, undated

Date (bulk): 1915-1944

Collection Number: 059

Creator: Webber, Herbert John, 1865-1946.

Extent: 14.75 linear feet (17 document boxes, 6 glass plate negative boxes, 2 lantern slide boxes, 1 index card box, 1 flat storage box)

Repository: Rivera Library. Special Collections Department.
Riverside, CA 92517-5900

Abstract: This collection contains research notes, publications, photographs, manuscripts, and other material regarding the scientific and professional career of Dr. Herbert J. Webber, a research scientist at the Citrus Experiment Station (CES) in Riverside, California from 1913-1946. In addition to citrus related material, this collection includes his scientific research on guava, avocado, dates, and non-edible crops like rubber. The collection includes a large volume of photographs documenting Dr. Webber's multi-year citrus experiments in the CES orchards, research notes and handwritten manuscripts from his book *The Citrus Industry*, and newspaper clippings, correspondence, and photographs regarding the history and care of the Riverside Parent Navel Orange Tree.

Languages: The collection is in English.

Access

This collection is open for research.

Publication Rights

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Preferred Citation

[identification of item]. Herbert J. Webber papers, Collection 059. University of California, Riverside Libraries, Special Collections & Archives, University of California, Riverside.

Acquisition Information

Information unavailable.

Processing History

Processed by Hollie Johnson, 2011.

Processing of the Herbert J. Webber papers was generously funded by the Andrew W. Mellon Foundation, and administered by the Council on Library and Information Resources (CLIR). The University of California, Riverside was awarded a Cataloging Hidden Special Collections and Archives grant from 2010-2012, "Uncovering California's Environmental Collections," in collaboration with eight additional special collections and archival repositories throughout the state and the California Digital Library (CDL). Grant objectives included processing of over 33 hidden collections related to the state's environment and environmental history. The collections document an array of important sub-topics such as irrigation, mining, forestry, agriculture, industry, land use, activism, and research. Together they form a multifaceted picture of the natural world and the way it was probed, altered, exploited and protected in California over the twentieth century. Finding aids are made available through the Online Archive of California (OAC).

Biography

Herbert J. Webber was born on December 27, 1865 in Lawton, Michigan. His family moved to Nebraska in 1883. Dr. Webber earned both his Bachelors degree and his Masters degree from the University of Nebraska. On September 8, 1890 he married fellow University on Nebraska student Lucene Anna Hardin. Between 1890-1892 Dr. Webber worked as a botany assistant at Washington University in St. Louis Missouri. In 1892, he was offered a position with the US Department of Agriculture as an assistant pathologist and was sent to Florida to study citrus disease. This is where he met Walter T. Swingle, a fellow plant scientist. Dr. Webber and Walter Swingle would collaborate and publish research together many times throughout their scientific careers. Dr. Webber earned his Ph.D from Washington University in 1901 after discovering motile antherozoids in *Zamia* plants. In 1907 Cornell University asked Dr. Webber to come to New York and lead the new department of experimental plant biology. He also served as the director of the New York State College of Agriculture

between 1909 and 1910. In 1912 Dr. Webber was appointed director of the new Citrus Experiment Station (CES) in Riverside, California. He was also named dean of the graduate school of subtropical agriculture. Dr. Webber would spend the next 30 years involved in the orchards at CES. Between 1923-1924, Dr. Webber traveled to South America where he studied the South American citrus industry as a special commissioner. He returned to Riverside California in 1926. Even though Dr. Webber retired in 1936 and became professor emeritus he continued his scientific research focusing on citrus, avocado and guava. The first volume of his book *The Citrus Industry* was published in 1943. Dr. Webber died on January 18, 1946 in Riverside, California.

- 1865: Born in Lawton, Michigan on December 27.
1889: Received a B.S. degree from the University of Nebraska.
1889: Accepted a position as a botany assistant at the University of Nebraska.
1890: Married Lucene Anna Hardin on September 8.
1892: Accepted a position as an Assistant Pathologist at the US Department of Agriculture.
1897: Moved to Washington DC and was promoted to physiologist in charge of plant breeding.
1901: Received his Ph.D from Washington University in St. Louis Missouri.
1907: Moved to New York to become the head professor of plant breeding at Cornell University.
1913: Relocated to Riverside California to become the director of the new Citrus Experiment Station and the dean of the graduate school of subtropical agriculture.
1919: Became the director of the California Agricultural Experiment Station in Berkeley, California.
1923: Traveled to South Africa to study the citrus industry and agriculture.
1929: Retired as the director of the Citrus Experiment Station in Riverside, California to focus on his scientific investigations.
1936: Retired at age 70 and became professor emeritus.
1943: Published the first volume of *The Citrus Industry* with Dr. Batchelor.
1946: Died in Riverside, California on January 18,

Collection Scope and Content Summary

This collection contains research notes, publications, photographs, manuscripts, and other material regarding the scientific and professional career of Dr. Herbert J. Webber, a research scientist at the Citrus Experiment Station (CES) in Riverside, California from 1913-1946. In addition to citrus related material, this collection includes his scientific research on guava, avocado, dates, and non-edible crops like rubber. The collection includes a large volume of photographs documenting Dr. Webber's multi-year citrus experiments in the CES orchards, research notes and handwritten manuscripts from his book *The Citrus Industry*, and newspaper clippings, correspondence, and photographs regarding the history and care of the Riverside Parent Navel Orange Tree.

Collection Arrangement

This collection is arranged into seven series. The series arrangement of this collection is as follows:

- Series 1. Citrus research and industry, 1894-1951, undated.
- Series 2. *The Citrus Industry*, 1929-1945, undated.
- Series 3. Citrus Experiment Station (CES), 1914-1945, undated.
- Series 4. Non-citrus horticulture research and industry, 1911-1946, undated.
- Series 5. Professional papers, 1903-1938, undated.
- Series 6. Personal paper, 1915-1968, undated.
- Series 7. Publications, 1888-1946, undated.

Indexing Terms

The following terms have been used to index the description of this collection in the library's online public access catalog.

Subjects

Avocado.
Citrus.
Citrus fruit industry.
Horticulture.
Uncovering California's Environmental Collections Project.
University of California Riverside. Citrus Research Center and Agricultural Experiment Station.
Webber, Herbert John, 1865-1946.

Genres and Forms of Materials

Clippings (information artifacts).
Correspondence.
Lantern slides.
Manuscripts.
Negatives (photographic).
Photographs.
Publications.
Research notes.

Series 1. **Citrus research and industry. 1894-1951, undated.**

Series Scope and Content Summary

This series contains research notes, photographs, correspondence, and other material from Dr. Webber's scientific studies of citrus and the citrus industry. Dr. Webber conducted multi-year experiments at the Citrus Experiment Station (CES) in Riverside, California. This series contains notebooks that document his experiments and scientific discoveries, a large collection of photographs that were originally contained in scrapbooks, and material regarding the Riverside Parent Navel Orange Tree.

Series Arrangement

This series is arranged sequentially according to box and folder number.

Box 1, Folder 1	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 1485-1493 from book 8A. 1927-1929.
Box 1, Folder 2	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 1494-1511 from book 8A and depict percent yields. 1927.
Box 1, Folder 3	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 1520-1583 from book 8A and depict treatment trees. 1927.
Box 1, Folder 4	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 2992-2998 from book 8A and depict zinc sulfate experiments. 1929.
Box 1, Folder 5	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 2192-2242 from book 8B and depict treatment trees. 1932.
Box 1, Folder 6	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 2884-2984 from book 8C and depict zinc sulfate experiments. 1934.
Box 1, Folder 7	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 2985-2991 from book 8C and depict zinc sulfate experiments. 1934.
Box 2, Folder 1	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 3332-3426 from book 8D and depict zinc sulfate experiments. 1935-1936.
Box 2, Folder 2	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 3427-3432 from book 8D and depict zinc sulfate experiments. 1935-1936.
Box 2, Folder 3	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 3775-3776 from book 8D and depict trenches. 1935-1936.
Box 2, Folder 4	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 4329-4381 from book 8E and depict selected trees in fertilizer plots. 1938.

Box 2, Folder 5	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 5257-5262 from book 8E and depict Tulare County experiments. 1942.
Box 2, Folder 6	Photographs, descriptions, and data of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 4329-4381 from book 8E and depict fertilizer trials. 1943.
Box 2, Folder 7	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 5721-5723 from book 8E and depict tree leaves from an ammonium sulfate plot. 1943.
Box 2, Folder 8	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 5724-5736 from book 8F and depict fertilizer trials. 1944.
Box 2, Folder 9	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 5737-5744 from book 8F and depict surface soil in relation to fertilizer treatment. 1944.
Box 2, Folder 10	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 6102-6168 from book 8F and depict fertilizer trials. 1947.
Box 2, Folder 11	Photographs and descriptions of citrus trees involved in CES project 594. Originally housed in lettered binders labeled as books, this folder contains pages 6356-6384 from book 8G and depict treatments of trees. 1948.
Box 3, Folder 1	Photographs with captions by H. J. Webber from photobook 2, items 301-400. Contains images of citrus trees, citrus fruit and avocados. Items are in original order. 1919-1928, undated.
Box 3, Folder 2	Photographs with captions by H. J. Webber from photobook 2, items 407-499. Contains images of citrus trees and citrus fruit. Items are in original order. 1928-1930.
Box 3, Folder 3	Photographs with captions by H. J. Webber from photobook 3, items 500-606. Contains images of citrus trees and citrus fruit. Items are in original order. 1927-1930.
Box 3, Folder 4	Photographs with captions by H. J. Webber from photobook 3, items 607-699. Contains images of citrus trees and citrus fruit. Items are in original order. 1931-1932.
Box 3, Folder 5	Photographs with captions by H. J. Webber from photobook 4, items 700-808. Contains images of citrus trees, citrus fruit, and palm trees in Florida. Items are in original order. Items 809-900 are not available. 1932-1933, undated.
Box 4, Folder 1	Photographs with captions taken by H.J. Webber of citrus trees, citrus orchards, and walnut trees. 1915-1919, undated.
Box 4, Folder 2	Photographs with captions by H. J. Webber from photobook 1 pages 1-143. Contains images of citrus trees, citrus fruit, and avocados. 1909-1916, undated.
Box 4, Folder 3	Photographs with captions by H. J Webber from photobook 1, pages 144-300. Contains images of citrus trees, citrus fruit, avocado trees, and avocados. 1916-1927, undated.
Box 4, Folder 4	Photographs of citrus related subjects taken by H. J. Webber while working in Berkeley, California. Contains items 1929-1991. Items were originally part of a photo album and have been kept in original order. 1923.
Box 4, Folder 5	Photographs of citrus related subjects taken by H. J. Webber while working in Berkeley, California. Some items in this folder are numbered and some are not. Items were originally part of a photo album and have been kept in original order. 1923-1934, undated.
Box 5, Folder 1	Research notes and data regarding citrus and other topics. Dr. Webber's notes were originally contained in a single large packet tied with string. These items are filed in original order. 1915-1917, undated.
Box 5, Folder 2	Research notes and data regarding citrus and other topics. Dr. Webber's notes were originally contained in a single large packet tied with string. These items are filed in original order. 1918-1928, undated.

Box 5, Folder 3	Research notes and data regarding citrus and other topics. Dr. Webber's notes were originally contained in a single large packet tied with string. Items are filed in original order. 1928-1934, undated.
Box 5, Folder 4	Research notes and data regarding citrus and other topics. Dr. Webber's notes were originally contained in a single large packet tied with string. Items are filed in original order. 1933-1937, undated.
Box 5, Folder 5	Correspondence between Dr. H. J. Webber and Dean Hunt regarding citrus research. 1918-1919.
Box 5, Folder 6	Correspondence between Dr. H.J. Webber and professor Ira Condit regarding citrus and other tropical fruits. 1918-1929.
Box 5, Folder 7	Correspondence regarding citrus inter-stocks. 1943.
Box 6, Folder 1	Research notes and correspondence regarding citrus rootstock experiments. 1927-1940, undated.
Box 6, Folder 2	Report on the granulation of rootstock plots at the Citrus Experiment Station in Riverside, California. 1938.
Box 6, Folder 3	Research notes regarding citrus stock experiments. These materials were labeled as old notes on the original file folder. 1925-1927, undated.
Box 6, Folder 4	Correspondence, notes, and research regarding rootstocks translated from Spanish to English. 1936, undated.
Box 6, Folder 5	Summaries comparing citrus rootstocks. 1928-1937.
Box 6, Folder 6	Research notes and report regarding citrus seedling rootstocks. 1926, undated.
Box 6, Folder 7	Summaries and research notes regarding annual yields of citrus rootstocks at the Citrus Experiment Station in Riverside, California. 1909-1935.
Box 6, Folder 8	Research notes regarding odd rootstock trees. undated.
Box 6, Folder 9	Research notes and publications regarding the influence of rootstock strains on yields and size. 1923-1934.
Box 6, Folder 10	Clippings regarding fruit breeding. 1934-1938, undated.
Box 6, Folder 11	Translations of research regarding citrus stocks and citrus cultivation. 1931-1939.
Box 6, Folder 12	Research notes, publications, and correspondence regarding rootstock varieties and disease. 1931-1943, undated.
Box 6, Folder 13	Clippings and correspondence regarding the control of citrus pests. 1933, 1939.
Box 6, Folder 14	Correspondence and notes about citrus diseases. 1902, 1943.
Box 6, Folder 15	List of citrus rootstock experiments to be planted at the Citrus Experiment Station in Riverside, California. 1932.
Box 7, Folder 1	Notes and clippings regarding canning methods and canned citrus products. 1938.
Box 7, Folder 2	Notes and clippings regarding citrus juices and bottling. 1934-1942, undated.
Box 7, Folder 3	Notes and clippings regarding the dietetic values of citrus. 1938-1939.
Box 7, Folder 4	Clippings and summaries regarding citrus fertilizer. 1939, 1945.
Box 7, Folder 5	Clippings, publications, and correspondence regarding citrus nursery methods. 1937-1939.
Box 7, Folder 6	Research notes, typescripts, and clippings regarding frost injury. 1928-1943, undated.
Box 7, Folder 7	Clipping and research notes regarding seed dispersal. 1930-1939, undated.
Box 7, Folder 8	Correspondence and clippings regarding citrus orchard transportation. 1935-1945.
Box 7, Folder 9	Publications and research notes regarding the utilization of citrus performance records. 1919-1923, undated.
Box 7, Folder 10	Correspondence, research notes, and clippings regarding citrus imports. 1931-1934, undated.
Box 7, Folder 11	Photographs of citrus orchard equipment and orchard management. 1916-1917, undated.
Box 7, Folder 12	Photographs of Los Nietos citrus packing house. undated.
Box 7, Folder 13	Photographs of the Tetley nursery in Riverside, California. 1928.
Box 7, Folder 14	Correspondence, research notes, and clippings regarding citrus production in the United States. 1929-1937, undated.
Box 7, Folder 15	Publications, research notes, and typescripts regarding international production of citrus. 1919-1938, undated.
Box 7, Folder 16	Research notes, clippings, correspondence, and other material regarding citrus production in California. 1929-1939, undated.

Box 8, Folder 1	Photographs and descriptions of citrus production in Japan and Taiwan. 1921-1935, undated.
Box 8, Folder 2	Photographs from the Florida citrus industry. undated.
Box 8, Folder 3	Research notes, typescripts, and clippings regarding the Florida citrus industry. 1894, 1934-1944, undated.
Box 8, Folder 4	Research notes, clippings, and typescripts regarding environmental influences on citrus. 1939, undated.
Box 8, Folder 5	Collection of citrus tree tags used to mark tree trunks. undated.
Box 8, Folder 6	Correspondence, research notes, and typescripts regarding the history of old orange trees. 1938-1941, undated.
Box 8, Folder 7	Research notes, publications, and typescripts regarding the international history of citrus. 1900-1939, undated.
Box 8, Folder 8	Research notes and clippings regarding the history of citrus in California. 1912-1936, undated.
Box 9, Folder 1	Correspondence, research notes, clippings, and other material regarding the history of citrus in Florida. 1937-1929, undated.
Box 9, Folder 2	Research notes and clippings regarding citrus chemistry. 1932-1933, undated.
Box 9, Folder 3	Research prepared by H.J. Webber regarding the economic importance of apogamy in citrus. undated.
Box 9, Folder 4	Research notes and typescript regarding inarching decadent citrus trees. 1935.
Box 9, Folder 5	Research notes, a research paper, and clippings regarding pollination. 1928-1930, 1940.
Box 9, Folder 6	Diagrams, research notes, and publications regarding polyembryony in citrus. 1938, 1945, undated.
Box 9, Folder 7	Research notes, correspondence, and clippings regarding lemon varieties in the United States, the Middle East, and Europe. 1930-1944, undated.
Box 9, Folder 8	Photographs of lemons and lemon trees. undated.
Box 9, Folder 9	Correspondence, data, and summaries regarding lemon rootstock experiments. 1930-1934.
Box 9, Folder 10	Correspondence, research notes, memorandums, and other material related to the lime industry. 1932-1943, undated.
Box 9, Folder 11	Clippings and research notes regarding limes and lime trees. 1930-1939, undated.
Box 9, Folder 12	Clippings, correspondence, and research notes regarding lime varieties. 1933-1937, undated.
Box 9, Folder 13	Correspondence, research notes, and typescripts regarding limes and the lime industry for the Lime Circular. 1935-1940, undated.
Box 10, Folder 1	Photographs, research notes, clippings, and other material regarding grapefruit varieties. 1928-1942, undated.
Box 10, Folder 2	Clippings, publications, correspondence, and other material regarding the history of the marsh grapefruit. 1894-1939, undated.
Box 10, Folder 3	Research notes and typescripts regarding citrus hybrids by Dr. Frost. undated.
Box 10, Folder 4	Clippings and photographs of the savage citrange orange. undated.
Box 10, Folder 5	Correspondence, research notes, and typescripts regarding citrus varieties, with a focus on orange varieties. 1897-1942, undated.
Box 10, Folder 6	Research notes regarding Parkers Key to Orange Varieties. 1929, undated.
Box 10, Folder 7	Memorandum regarding the standardization of jaffa oranges from the Jewish Agency Agricultural Experiment Station Division in Rehovoth, Israel. 1936-1951.
Box 10, Folder 8	Research notes, photographs, and a clipping regarding tangerines. 1928-1937, undated.
Box 10, Folder 9	Photographs and research notes regarding sour orange varieties. 1928-1937, undated.
Box 10, Folder 10	Correspondence, research notes, and illustrations regarding mandarin orange varieties. 1928-1929, undated.
Box 10, Folder 11	Correspondence and data regarding satsuma oranges. 1926.
Box 10, Folder 12	Publications written by Walter T. Swingle regarding citrus taxonomies. 1938-1940.
Box 10, Folder 13	Research notes regarding orange varieties in Japan. undated.
Box 10, Folder 14	Research notes, typescripts, correspondence, and other material regarding sweet oranges. 1920- 1938, undated.

Box 11, Folder 1	Research notes regarding blood oranges planted at the Citrus experiment Station in Riverside, California. 1933-1934.
Box 11, Folder 2	Typescripts, photographs, clippings, and other material related to the Riverside Parent Navel Orange Tree. Includes description of the surgical operation that saved the life of the Riverside Parent Navel Orange Tree and a photograph of the two original navel orange trees planted on the Tibbett's land . 1900-1945, undated.
Box 11, Folder 3	Research notes and correspondence regarding navel oranges and navel orange trees. 1934-1939, undated.
Box 11, Folder 4	Correspondence, clippings, and other material regarding the clustering of navel oranges. 1934-1940, undated.
Box 11, Folder 4	Correspondence, clippings, photographs, and other material regarding the history of navel oranges in the United States. 1915-1938, undated.
Box 19	Glass plate negatives of orange trees, oranges, and orchard equipment. Contains items 9-307, however there are gaps in the numbering. 1913-1919.
Box 20	Glass plate negatives of orange trees, oranges, orchard equipment, and lemons. Contains items 308-1412, however there are gaps in the numbering. 1911-1919, undated.
Box 22	Glass plate negatives of orchard equipment. undated.
Box 25	Lantern slides of the citrus industry and Dr. Webber's citrus research. Images include orchard equipment, citrus packing houses, and citrus orchards. Notable items in this box include a slide from the 1915 national orange show. 1913, 1926, undated.
Box 26	Lantern slides of the citrus industry and citrus research. Images include citrus orchards, orchard equipment, and cross sections of oranges, lemons and grapefruit, 1909-1926, undated.
Box 28, Folder 1	Clippings (oversized) regarding the citrus industry in the United States. 1926-1944.
Box 28, Folder 2	Clippings (oversized) regarding the citrus industry in South Africa. 1925, 1940.
Box 28, Folder 3	Clippings (oversized) regarding citrus in China. 1937.
Box 28, Folder 4	Clippings (oversized) regarding citrus history. 1942-1943.
Box 28, Folder 5	Clippings (oversized) regarding citrus rootstock research. 1925, 1926.
Box 28, Folder 6	Research notes, correspondence, and stats (copies) regarding the ever bearing orange. 1921, 1933.
Box 28, Folder 7	Clippings (oversized) regarding citrus varieties. 1927-1941.
Box 28, Folder 8	Clippings (oversized) regarding the Riverside Parent Navel Orange Tree. 1926-1944.

Series 2. *The Citrus Industry*. 1929-1945, undated.

Series Scope and Content Summary

This series contains manuscripts, correspondence, and research notes from Dr. Webber's book *The Citrus Industry*. He was a co-editor and major contributor to the two volume work that covers all aspects of citrus history and citrus cultivation. Most of the material is handwritten and some of the chapters exist in multiple versions with edits and revisions.

Series Arrangement

This series is arranged sequentially according to box and folder numbers.

Box 11, Folder 6	Correspondence related to chapter outlines and sections for Dr. Webber's book, <i>The Citrus Industry</i> and a typescript of the preliminary outline for chapters and sections. 1930, undated.
Box 11, Folder 7	Typescript and notes (handwritten) of the bibliography for Dr. Webber's book, <i>The Citrus Industry</i>. undated.
Box 11, Folder 8	Correspondence, typescripts, and notes related to Dr. Webber's book <i>The Citrus Industry</i>. 1930-1938, undated.
Box 11, Folder 9	Typescripts with the names of authors and editors of Dr. Webber's book. undated.
Box 11, Folder 10	Correspondence and typescripts of chapter 1 of Dr. Webber's book <i>The Citrus Industry</i>. 1936, undated.
Box 11, Folder 11	Typescripts and notes from chapter 2 of Dr. Webber's book <i>The Citrus Industry</i>. 1930, undated.
Box 11, Folder 12	Manuscript and research notes from chapter 3 of Dr. Webber's book <i>The Citrus Industry</i>. undated.

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- Box 11, Folder 13 **Research notes, correspondence, and typescripts related to chapter 4 and Chapter 5 of Dr. Webber's book *The Citrus Industry*. 1934, 1941, undated.**
- Box 11, Folder 14 **Typescripts and notes of chapters 6, 7, and 8 of Dr. Webber's book *The Citrus Industry*. 1938, undated.**
- Box 12, Folder 1 **Typescripts, correspondence, and photographs from chapter 10 of Dr. Webber's book *The Citrus Industry*. 1933, undated.**
- Box 12, Folder 2 **Correspondence and notes from chapters 19, 20, and 21 of Dr. Webber's book *The Citrus Industry*. 1929, undated.**
- Box 12, Folder 3 **Typescripts and notes from chapter 32 of Dr. Webber's book *The Citrus Industry*. 1935, undated.**
- Box 12, Folder 4 **Typescripts and notes from volume 2 of Dr. Webber's book *The Citrus Industry*. undated.**
- Box 12, Folder 5 **Typescripts and notes regarding citrus in the Mediterranean to be included in Dr. Webber's book *The Citrus Industry*. 1930, 1932, undated.**
- Box 12, Folder 6 **Typescripts, correspondence, and notes about Tristeza in oranges. The items in this folder are labeled as possible material for Dr. Webber's book *The Citrus Industry*. 1943-1944, undated.**
- Box 12, Folder 7 **Typescripts of extra chapters for Dr. Webber's book *The Citrus Industry*. undated.**

Series 3. **Citrus Experiment Station (CES). 1914-1940, undated.**

Series Scope and Content Summary

This series contains publications, glass plate negatives, correspondence, and other material from the Citrus Experiment Station (CES). Dr. Webber was the first director of the station and there are items in this series related to his time there. These include memorandums to staff and annual reports about CES projects. Notable items include copies of the 1915 California State Assembly bills authorizing funding for the new Citrus Experiment Station. The CES changed locations in 1918, and items from the original Rubidoux Mountain location and the location that would become the University of California, Riverside are included.

Series Arrangement

This series is arranged sequentially according to box and folder number.

- Box 12, Folder 8 **Typescripts of staff lists and documents to CES staff. 1922-1925.**
- Box 12, Folder 9 **Correspondence from CES staff members. 1919-1937.**
- Box 12, Folder 10 **Photographs of the CES buildings and grounds. 1924-1939, undated.**
- Box 12, Folder 11 **Legislative acts 1400-1404 from the California State Assembly that appropriate money to fund the Citrus Experiment Station(CES) in Riverside, California . 1915. Annual reports from the CES. 1914-1918.**
- Box 13, Folder 1 **Table of relative humidity data recorded at the CES in 1934 and 1935. 1934-1935.**
- Box 13, Folder 2 **Report of CES projects 194, 634A, 634B written by Dr. Webber. 1939.**
- Box 13, Folder 3 **Typescripts, correspondence, and notes providing directions about the preparation of CES manuscripts for publication. 1919-1934.**
- Box 13, Folder 4 **Typescripts, correspondence, and notes providing directions about the preparation of CES manuscripts for publication. 1919-1934.**
- Box 24 **Glass plate negatives of the CES site in 1915. 1915.**
- Box 28, Folder 8 **Clippings (oversized) regarding the CES in Riverside, California. 1926, 1940.**

Series 4. **Non-citrus horticulture research and industry. 1911-1946, undated.**

Series Scope and Content Summary

This series contains photographs, research notes, publications, and other material related to Dr. Webber's scientific research on non-citrus horticulture. The bulk of the series contains information regarding avocados and guava, but also contains material related to walnuts, dates, and other crops. A small amount of information pertains to non-edible plants like rubber trees and scrub brush.

Series Arrangement

This series is arranged sequentially according to box and folder number.

- Box 13, Folder 5 **Typescript with annotations titled *Guavas in California* by Dr. Webber. 1943.**
- Box 13, Folder 6 **Manuscript and research notes for *Guavas in California* by Dr. Webber 1942.**
- Box 13, Folder 7 **Typescript identified as an incomplete fourth copy of *Guavas in California* by Dr. Webber. 1942.**

Box 13, Folder 8	Typescript identified as an incomplete third copy of <i>Guavas in California</i> by Dr. Webber. 1942.
Box 13, Folder 9	Photographs and illustrations of guava trees and guava fruit. 1932, undated.
Box 14, Folder 1	Research notes regarding the history of guava. undated.
Box 14, Folder 2	Research notes regarding guava. 1939-1941.
Box 14, Folder 3	Correspondence, publications, and research notes regarding vitamin C in guava fruit. 1943, undated.
Box 14, Folder 4	Research notes and photographs regarding guava by Dr. Horne. 1934.
Box 14, Folder 5	Research notes and illustrations regarding guava by Dr. Webber. 1934.
Box 14, Folder 6	Photographs and illustrations regarding guava growing. 1940-1941, undated.
Box 14, Folder 7	Clippings, research notes, and correspondence related to guava vitamin studies. 1941-1942.
Box 14, Folder 8	Research notes, illustrations, and photographs regarding guava groups. 1928-1940, undated.
Box 14, Folder 9	Manuscript with revisions of the <i>Guava Bulletin</i> by Dr. Webber. 1944.
Box 14, Folder 10	Research notes and a clipping regarding feijoa seedlings. 1926.
Box 15, Folder 1	Specimens of guava seeds with short descriptions. 1940-1944.
Box 15, Folder 2	Correspondence between Dr. Webber and Dr. Lynch regarding guava varieties. 1943.
Box 15, Folder 3	Correspondence and research notes regarding guava propagation. 1942-1945.
Box 15, Folder 4	Photographs of California Avocado Growers Association members in Atlixco, Mexico in 1938. The group is sitting under the Parent Fuerte Avocado Tree. April 17, 1938.
Box 15, Folder 5	Photographs of the cross section of an avocado. 1917.
Box 15, Folder 6	Research notes and photographs regarding avocados. Dr. Webber compiled his research into binders that he labeled as books. These items are from books 1 and 2. 1911-1916, undated.
Box 15, Folder 7	Research notes and photographs regarding avocados from book 2. 1916, undated.
Box 15, Folder 8	Photographs, publications, and other material related to the study of avocados. This folder includes photographs from a research trip to Guatemala. 1916, 1941, undated.
Box 15, Folder 9	Correspondence, clippings, and other material regarding the 1917 freeze in Southern California and resulting damage to the avocado crop. 1916-1917.
Box 15, Folder 10	Correspondence, clippings, and documents from the California Avocado Association's meetings and events. 1917-1918, 1939, undated.
Box 16, Folder 1	Photographs of walnuts, walnut trees, and walnut processing. undated.
Box 16, Folder 2	Correspondence and data regarding walnut plots at the Fruit Growers Laboratory in Santa Paula, California 1945-1946.
Box 16, Folder 3	Photographs of date palm trees and banana trees. 1935, undated.
Box 16, Folder 4	Photographs of dairi fruit (a type of Date). The fruit was grown at Narbonne Ranch. 1929.
Box 16, Folder 5	Correspondence and clippings regarding fruit, including apple, mango, papaya and paw-paw. 1934-1941.
Box 16, Folder 6	Correspondence and research notes regarding rubber plants. 1941.
Box 16, Folder 7	Research paper and research notes written by Dr. Webber regarding scrub brush. 1935, undated.
Box 16, Folder 8	Publications and research notes regarding tung oil and tung trees. 1929- 1937, undated.
Box 16, Folder 9	Correspondence between Dr. Webber and Mr. E.G. Reed of the Union Pacific Railroad company regarding yucca plants. 1940.
Box 16, Folder 10	Research notes and correspondence regarding drug plants. 1916, undated.
Box 21	Glass plate negatives of avocados and avocado research. This box contains items 42 through 94 with gaps in the numbering. 1915-1917, undated.
Box 22	Glass plate negatives of avocados and avocado research. 1919.
Box 23	Glass plate negatives of non citrus crops including walnuts, corn, bananas, soybeans, and apples. 1908-1922, undated.
Box 28, Folder 9	Clippings (oversized) regarding noncitrus crops, including tung oil , persimmons, pecans, and beans. 1929-1941.
Box 28, Folder 10	Clippings (oversized) and illustrations regarding avocados. 1939-1943, undated.

Series 5. **Professional papers. 1903-1938, undated.**

Series Scope and Content Summary

This series contains photographs, manuscripts, and publications related to Dr. Webber's professional career as a research scientist. Notable items include photographs of the Citrus Experiment Station's 1928 summer school classes, a large brass key presented to Dr. Webber by the city of Atlixca, Mexico in 1938, and autobiographical manuscripts recounting Dr. Webber's experience as a research scientist. Publications and correspondence from professional organizations are also included.

Additional publications written by Dr. Webber are located in **Series 7: Publications.**

Series Arrangement

This series is arranged sequentially according to box and folder number.

- Box 16, Folder 11 **Correspondence and publications from the California Committee on Efficiency and Economy. 1919.**
- Box 16, Folder 12 **Correspondence and a typescript of a speech given by Dr. Webber at a library association meeting. June 27, 1930.**
- Box 16, Folder 13 **Research paper about boron accumulation written by F. Easton and G. Blair and notes about the research paper written by Dr. Webber. 1934.**
- Box 16, Folder 14 **Photographs of summer classes at the Riverside Citrus Experiment Station (CES). 1928, 1932.**
- Box 16, Folder 15 **Typescripts and research notes regarding horticultural terms and metrics. 1903, 1935.**
- Box 16, Folder 16 **Annual reports from the Southern California Botanist's Association. 1937, undated.**
- Box 27 **Key that was presented to Dr. Webber by the City of Atlixca, Mexico in 1938 housed in a display box. The inscription translates as friendship, understanding, good will, cooperation. April 17, 1938.**

Series 6. **Personal papers. 1915-1968, undated.**

Series Scope and Content Summary

This series contains photographs, correspondence, and clippings from Dr. Webber's personal life. Items include Christmas letters to colleagues, photographs of trips he took to Texas and Florida in the early 1930s, and commemorative documents written after his death in 1946.

Series Arrangement

This series is arranged sequentially according to box and folder number.

- Box 16, Folder 17 **Photographs of Lincoln High School in Los Angeles, California. undated.**
- Box 16, Folder 18 **Typescripts of biographies about Dr. Webber and an essay titled *On the Trail of the Orange, the Autobiography of an Ordinary Man*. Includes descriptions of his early discoveries while studying with zamia plant reproduction. undated.**
- Box 16, Folder 19 **Photographs of orange trees and homes in Brownville, Texas taken by Dr. Webber. 1928.**
- Box 16, Folder 20 **Publications and a bibliography regarding eugenics and sterilization. 1936, undated.**
- Box 16, Folder 21 **Correspondence (personal) from Dr. Webber. These items are Christmas letters with original poetry that Dr. Webber.. 1944-1945.**
- Box 16, Folder 22 **Clippings and typescripts memorializing Dr. Webber after his death in 1946. 1946, 1968, undated.**
- Box 24 **Glass plate negatives of Ms. Culbertson of El Cajon, California. 1915.**
- Box 27 **Canister for an "Eastman Non Curling Film Cartridge" containing an inscription by and autograph of Herbert J. Webber. undated.**

Series 7. Publications. 1888-1946, undated.

Series Scope and Content Summary

This series contains a selection of Dr. Webber's publications written between 1888 and 1946. Topics relate to his scientific work with horticulture. His scientific studies focused on citrus, avocado, and guava, but publications regarding non-edible plants are also included. During his lifetime, Dr. Webber published more than 250 articles. These items comprise a small portion of his published work and have been kept in original order.

Additional publications are located in **Series 5: Professional papers.**

Series Arrangement

This series is arranged sequentially by box and folder number.

Box 17, Folder 1
Box 17, Folder 2
Box 17, Folder 3
Box 17, Folder 4
Box 17, Folder 5
Box 18

Bibliography of published articles by Dr. Webber. 1931.

Publications written by Dr. Webber. 1896-1906.

Publications written by Dr. Webber. 1907-1926.

Publications written by Dr. Webber. 1922-1932.

Publications written by Dr. Webber. 1932-1946, undated.

Bibliography of Dr. Webber's publications written on notecards and arranged chronologically. 1888-1946.