

TITLE: Ronald Ives Photograph Collection

DATE RANGE: 1919-1980 and undated

CALL NUMBER: PC 291

PHYSICAL DESCRIPTION: 17 linear ft. (40 boxes)

RELATED MATERIALS: Ronald Ives papers, 1928-1989, MS 0983

PROVENANCE: Donated by the estate of Ronald Ives in May 1982.

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RESTRICTIONS: This collection is unrestricted.

CREDIT LINE: Ronald Ives Photograph Collection, PC 291, Arizona Historical Society-Tucson

PROCESSED BY: Leonard Coombs, 2015-2017 and updated by Kate Fitzpatrick, 2018.

BIOGRAPHICAL NOTE: Ronald L. Ives was born in Cleveland, Ohio on October 12, 1909. His grandfather, Fredric Eugene Ives (1856-1937), and father, Herbert Eugene Ives (1882-1953), were noted scientists and inventors. Ronald Ives had two siblings, Kenneth and Barbara Ives. He attended schools in New Jersey and New York. From 1935-1937 he studied geology and geomorphology at the University of Colorado in Boulder, where he received Bachelor's and Master's degrees.

From 1937 to 1942, Ives worked in electronics and geology in Colorado, Texas, and California. He served in the United States Army from 1942-1946, where he took special courses in chemical and bacterial warfare, remote control gunnery and meteorology, electronics. He had a long time interest in military experiments, and he had security clearances of "secret" and "top secret" from 1942 to 1968.

Following World War II, Ives studied and taught at the University of Indiana in Bloomington. He received Master's and Doctoral degrees in geography there. His dissertation was entitled Chinook Winds in the Colorado High Plains Region.

Dr. Ives was a civilian instructor of electronics and remote control gunnery at Lowry Air Force Base in Colorado in 1950-1951. From 1951 through 1968, he worked as a researcher and engineer for various contractors to the federal government, including Cornell Aeronautical Laboratory; Tronicon, Inc.; John C. Bechman Co.; Bechman and Whitley, Inc.; Stanford Aerosol Laboratory; and Metronics Associates Inc.

Ives was an Assistant Professor of Geography at Northern Arizona University in Flagstaff from 1968 to 1975. After his retirement, he pursued various personal and professional interests.

Beginning in the early 1930s, Ives contributed articles to scientific and scholarly journals. Two of his favorite topics were the history of the Spanish exploration of the American southwest,

and the geology of the Pinacate, a volcanic region along the Old Yuma Trail in northwestern Sonora, Mexico.

Ronald L. Ives, a bachelor throughout his life, died of natural causes on February 26, 1982. His ashes were scattered in the Pinacate region.

SCOPE AND CONTENT NOTE: The collection consists of photographic prints, both in albums and loose, negatives, and slides, most taken by Ronald Ives, but some collected from other sources. Graphic materials created by Ives, including maps, charts, and diagrams, are also included. Ives was a dedicated photographer throughout his life. (Ives's earliest photos in the collection were taken when he was about 13 years old.) As a result, the photos document his varied activities in high school and college, research and recreational hiking in the Colorado mountains during his years at the University of Colorado and in Utah during his wartime service at Dugway Proving Ground, off-road exploring in the deserts of Arizona and Sonora, his many visits to Puerto Peñasco and the Pinacate region of Sonora, his interest in Father Eusebio Kino and missions founded by Kino, inventions and other projects in electronic and photographic equipment, as well as personal activities, friends, and vacation scenery.

Additional Ives photos and graphic materials are found in the AHS collection of Ives's papers (MS 0983), including oversized diagrams and maps (both prints and negatives) in Series VIII, and some original photo prints within unpublished manuscripts in the publications files, Series I and II.

Series I: Photographic Prints, 1923-1980 and undated

Subseries 1: Photo Albums (Numbered Prints), 1923-1977 and undated

Most of Ives's photos appear as numbered prints in these 30 albums. Ives numbered his photos, for the most part in chronological order but with some inconsistencies, beginning with his earliest 1923 photos. The prints are mounted in numerical order generally, but with exceptions. There are also a few unnumbered photos in the albums, apparently photos given to Ives by others. The albums include a caption for each photo.

Most of the photos in Albums 14-28 have become detached from the pages. To retain the order of the albums, loose photos are now kept in envelopes or plastic sleeves. Because these loose prints have become separated from the captions Ives included in the albums, this finding aid includes an appendix listing the captions for all photos in Albums 14-30. Ives often used abbreviations, especially for place names, in his captions. These have been spelled out whenever they could be identified.

Subseries 2: Unnumbered Prints, Captioned for Publication, 1940-1980

This subseries consists of photos Ives selected and captioned for publication. Ives published hundreds of articles and other writings, but this series includes incomplete sets of photos from only a small number of them. Ives used brief abbreviations to identify his publications, and several could not be identified. Although this subseries includes publications from 1940 to 1980, the photos included could have been taken in earlier years. An almost complete set of Ives's publications is located in the Ives Papers collection (MS 0983).

Subseries 3: Unnumbered Prints by Subject, 1919-1979 and undated

This subseries includes a variety of photos roughly arranged by subject, but very few have any specific identification. Subjects are similar to those found in the numbered photos: Colorado mountains, Utah mountains and desert, Arizona and Sonora desert, and electronic and other scientific equipment. A small number of photos of Ives, his friends and family, are also included.

Subseries 4: Oversize Prints, 1940-1964 and undated

A few unnumbered prints from **Subseries 2 and 3**, that are too large to fit in the standard boxes, have been placed here for storage.

Series II: Photographic Negatives, 1923-1977 and undated

Subseries 1: Numbered Negatives (standard sizes), 1923-1977 and undated

Ives's main series of negatives, this series corresponds with the prints in Albums 1-30 (**Series I, Subseries 1**). Each negative is in a separate envelope, with Ives's notations of number, image title, and sometimes a listing of where and when the photo was published. A few envelopes contain multiple duplicate negatives.

The earliest negatives are nitrate, and as of 2016 no deterioration has been noted. The first safety negative seems to be number 2950 (from about 1934) but it was sometime later when Ives began to consistently use safety film. Some glass negatives are scattered throughout the collection, mainly used for infrared film. Glass negatives are found in number ranges 1000-1100s and 2900s, 3100s, 3800s, 4100s, 4300s, 4400s, 4800s, 5700s, 5800s.

Subseries 2: Special File Negatives (oversize), 1920s-1970s

Ives placed numbered negatives too large for his standard envelopes into what he called his "Special File." He left a card in the main negative file for each Special File negative. Aside from the size, these negatives are not "special" compared with others in the regular-sized file.

Subseries 3: Unnumbered Negatives, 1920s-1960s and undated

This subseries is a rather small group of negatives without numbers.

Series III: Slides, 1961-1977 and undated

The slides include subjects similar to the negatives and prints: Colorado mountains, deserts of Arizona and Sonora, Puerto Peñasco and Pinacate region of Sonora, missions founded by Father Eusebio Kino, and vacation pictures, especially of Yellowstone National Park. While it has been possible to reconstruct the original film rolls for most of the slides, only a few are dated and very few of the slides have specific identifications.

CONTAINER LIST:

Box	Folder	Description	Dates
		Series I: Photographic Prints	1923-1980 and undated
		Subseries 1: Photo Albums (Numbered Prints)	1923-1977 and undated
1	Album 1	Yellowstone National Park, Grand Canyon, and New Jersey home and outings	1923-1931
	Album 2	Yellowstone National Park, Grand Tetons, scenery in Idaho, Utah, Nevada, Arizona, Niagara Falls, Yosemite National Park	Undated
2	Album 3	Yosemite and Zion National Parks, Mount Whitney.	Undated
	Album 4	Grand Canyon, Petrified Forest, Tombstone, and other places in Arizona, and Pinacate (Sonora, Mexico)	1931
3	Album 5	Pinacate (Sonora, Mexico), Ajo (Arizona), and scenes of New Jersey	1931
	Album 6	New Jersey scenes and scenes from the play "Androcles and the Lion"	1931-1932
4	Album 7	New Jersey scenes, photos of electronic and photographic equipment, Colorado mountains	1931-1932
	Album 8	Colorado mountains and University of Colorado groups	1932
5	Album 9	Colorado mountains and University of Colorado student activities, including parade and football game	1932-1933
	Album 10	Colorado mountains including geological details, Moffatt Tunnel, Boulder and University of Colorado scenes	1933-1933
6	Album 11	Colorado mountains including mountain climbing scenes, Central City, some Arizona and New Mexico scenes	1933-1933
	Album 12	Colorado mountains, mountain climbing, University of Colorado scenes	1933-1934
7	Album 13	Colorado mountains, mountain climbing, University of Colorado scenes, New Jersey, Marblehead, Massachusetts, Niagara Falls	1934-1935
8	Album 14, 1	Prints 3064 - 3079: Mineral examples in New Jersey (basalt, granite, zinc mill) and Marblehead, Massachusetts shoreline	1935-1936

	2	Prints 3080-3160: New York City scenes: George Washington Bridge, Fifth Avenue. Snapshots of Fern Hough, Barbara Brown, and Mrs. Bentson.	1935-1936
	3	Prints 3161-3240: Snapshots of friends and everyday scenes. Portraits of Fern Hough and Barbara Brown, Josephine Quine, and Dr. Sumner. Also, snapshots of Vera Ricketts and Dorothy Dilts.	1935-1936
	4	Prints 3241-3336: Images of friends, objects, and everyday scenes, including Josephine Quine, dogs, and cameras.	1935-1936
	Album 15, 5	Prints 3329-3430: Portraits of friends, including Fern Karn, Tony Butler, Tania, Gerda Duns. Also images of objects including quinine and an armadillo. Landscape images of Colorado locations: Monarch Lake, Camp Ouray, and Atchancee Peak.	1936-1936
	6	Prints 3431-3530: Images of Colorado: Mountains, Colorado River, Byer's Peak, and Arapaho Valley.	1936-1936
	7	Prints 3531-3596: Images of Colorado: Walden Hollow, Monarch Lake, and Colorado River.	1936-1936
	Album 16, 8	Prints 3588-3670: Snapshots of Colorado mountains, close-ups of test equipment, animal skeletons. Also images of a seeing eye dog and its owner, Stotts.	1936- 1937
	9	Prints 3671-3750: Animal skeletons, photo collages, and portraits of Ives.	1936- 1937
Box	Folder	Description	Dates
9	1	Prints 3751-3824: Images of Central Park in New York City and everyday scenes: ducks, bottle caps, testing equipment, swans.	1936- 1937
	2	Oversized Prints 3590-3594: Panoramas of Phantom Valley and Monarch Valley.	1936- 1937
	3	Oversized Prints 3698-3702, 3756: Aerial geology of Monarch Valley	1936- 1937
	Album 17, 4	Prints 3815-3900: a minor car accident, Washington Monument and Lincoln Memorial in Washington (D.C.), Colorado mountains, Lower Neva Basin, Stillwater Basin	1937- 1939
	5	Prints 3901-3980: Colorado mountains, including Estes Park, Moraine Park.	1937- 1939
	6	Prints 3981-4060: Colorado mountains, including Estes Park, Stillwater.	1937- 1939

	7	Prints 4061-4100: Colorado landscapes and snapshot of Dr. and Mrs. Sumner.	1937- 1939
	Album 18 , 8	Prints 4101-4180: Clouds, Colorado Mountains, fossils.	1939
	9	Prints 4181-4260: Clouds, fossilized animal jaw, Colorado,	1939
	10	Prints 4261-4362: Alpine (Texas) area, Carlsbad Caverns and other New Mexico, Sonoyta (Sonora, Mexico).	1939
	Album 19 , 11	Prints 4336-4440: Clouds in Sonoyta (Sonora, Mexico)and New Mexico. Commencement ceremony, University of Colorado, Colorado mountains.	1939
	12	Prints 4441-4540: Clouds in Colorado, Shadow Mountain, Grand Lake,	1939
Box	Folder	Description	Dates
10	1	Prints 4541-4613: Colorado scenes including, Grand Lake, Isabelle Valley, Lake Nanita.	1939
	Album 20 , 2	Prints 4615-4700: Colorado mountain scenes including, Adams Falls, Lake Verna, Lone Pine Lake.	Undated
	3	Prints 4701-4780: Colorado mountain scenes including, clouds, Stillwater area, Pawnee Basin, Paradise Creek.	Undated
	4	Prints 4781-4860: Colorado mountain scenes including, Crater Lake, clouds, Buchanan Creek, Stillwater Canyon.	Undated
	5	Prints 4861-4956: Colorado mountain scenes including, Willow Creek, Neva Basin, Hague Creek.	Undated
	Album 21 , 6	Prints 4926-5019: Colorado mountain scenes including, Moraines Poudre Valley, Estes Park, Specimen Mountain.	1939-1940 and undated
	7	Prints 5020-5100: Lincoln Memorial, snapshot of Jean-David Beyer, Mitre Peak.	1939-1940 and undated
	8	Prints 5101-5180: Colorado mountain scenes including, Hitchens Gulch, Rock glacier, Lower Colorado Valley, Strawberry Creek.	1939-1940 and undated
	9	Prints 5181-5232: Colorado mountain scenes including, Willow Creek, Fraser River, Strawberry Creek.	1939-1940 and undated
	Album 22 , 10	Prints 5233-5310: Colorado mountains and Utah desert (Dugway and Tooele region).	1940-1942 and undated

	11	Prints 5311-5410: Clouds, Southern California area (Santa Monica, San Fernando), Phoenix, Arizona, San Francisco, California.	1940-1942 and undated
	12	Prints 5411-5512: Utah State Capitol, Simpson Buttes (Utah), Granite Mountain (Arizona).	1940-1942 and undated
Box	Folder	Description	Dates
11	1	Prints 5490-5516: Sandstorm, Antelope Island, Salt Flats.	1940-1942 and undated
	Album 23, 2	Prints 5517-5557: Northern Utah desert and mountains, Dugway Mountains, candid shots of officers, Granite Canyon.	Undated
	3	Prints 5558-6023: Northern Utah desert and mountains, Salt Flats, Cannon's Gulch and the Beyer family. Also some Yellowstone National Park, Yellowstone Falls, Old Faithful.	Undated
	4	Prints 6024-6074: Portrait of Harvey Bartlett, Yellowstone National Park, and Utah desert and mountains (Dugway Mountains).	Undated
	5	Prints 6075-6181: Snapshots of crew working in Northern Utah, Stella Pieko and Corporal Lankin and landscapes (Dugway Mountains).	Undated
	6	Prints 6127-6171: Northern Utah desert and mountains.	Undated
	Album 24, 7	Prints 5600-5730: Northern Utah desert and mountains and some Colorado mountains. Dugway Range.	1946 and undated
	8	Prints 5731-5766: Charts and tools: remote reporter, Grinnell Formula, Sample Solar Radiation Record.	1946 and undated
	9	Prints 5767-6199: Northern Utah desert and mountains and some Colorado mountains. Salt Lake Desert, Reservoir Butte, View of North Boulder.	1946 and undated
	Album 25, 10	Prints 5838-5894: Zion National Park, Sonora, Mexico	Undated
Box	Folder	Description	Dates
12	1	Prints 5900-5998: Close-ups of tools and tests: smoke tests, viscosity tests. Graphs and climate maps.	Undated
	2	Prints 6200-6285: Pretty Meadow panorama, Upper Basin, mud volcanoes, Sierra Juarez, Puerto Peñasco, México.	Undated
	Album 26, 3	Prints 6286-6360: Puerto Peñasco, Pinacate Peaks, Grand Canyon, Colorado mountains, lab tools.	1953-1954 and undated

	4	Prints 6371-6450: Colorado mountain area, Poudre Canyon, Puerto Peñasco area.	1953-1954 and undated
	5	Prints 6451-6530: Puerto Peñasco, Sonoyta (Sonora, Mexico), Colorado mountains, and mission churches in Sonora and Arizona.	1953-1954 and undated
	Album 27, 6	Prints 6531-6657: Palo Alto, California, Organ Pipe Cactus National Monument region (Arizona) Puerto Peñasco and Pinacate region (Sonora, Mexico).	1954-1957 and undated
	7	Prints 6660-6733: Tumacacori Mission, Palo Alto, Puerto Peñasco and Pinacate region (Sonora, Mexico), Hermosillo and Guaymas (Sonora, Mexico)	1954-1957 and undated
	8	Prints 6735-6792: Puerto Peñasco and Pinacate region, Hermosillo and Guaymas (Sonora, Mexico), and other southern Arizona including Tumacacori and Ajo.	1954-1957 and undated
Box	Folder	Description	Dates
13	Album 28	Puerto Peñasco and Pinacate region (Sonora, Mexico), Tucson, northern Arizona	1948, 1961-1969 and undated
14	Album 29	Pinacate region and other Sonora, Mexico	1970-1973 and undated
	Album 30	Pinacate region and other Sonora, Mexico	1977 and undated
		Subseries 2: Unnumbered Prints, Captioned for Publication	1940-1980
15	1	Captions but no article title	Undated
	2	Amp	Undated
	3	Anemometers (no photo, just a caption)	Undated
	4	Años (Hace Cincuenta Años, <u>Explorers Journal</u> , Vol. 37, No. 3, October 1959, 17-24)	1959
	5	Arapaho (Modern Glaciers of the Arapaho Massif, <u>Scientific Monthly</u> , Vol. 73, 1951, 25-37)	1951
	6	Climate ("Climate of the Southern Salt Lake Desert," M.A. Thesis, Indiana University, 1947)	1947
	7	Clouds (Areas of Occurrence of "Grindstone" Clouds, <u>Weatherwise</u> , Vol. 11, No. 6, December 1958, 201 et seq.)	1958
	8	Coke (The Cochran Coke Ovens, <u>Journal of Arizona History</u> , Vol. 13, No. 2, Summer 1972, 73-81)	1972
	9	Continuity	Undated
	10	Continuous	Undated

	11	Demag (Contained-Field Demagnetizing Coil, <u>American Horologist and Jeweler</u> , Vol. 23, No. 12, January 1957, 52-54)	1957
	12	Dugway (some in oversize prints)	Undated
	13	Dunes (no photo, just a caption)	Undated
	14	GHCR (some in oversize prints) (Glaciation at the Headwaters of the Colorado River, 1940)	1940
	15	Kino	Undated
	16	Lamp (Continuous Lamp Monitor, <u>Instrumentation Technology</u> , Vol. 14, No. 7, July 1967. 69)	1967
	17	Land	Undated
	18	Loper (Bert Loper--The Last Chapter, <u>Journal of Arizona History</u> , Vol. 17, No. 1, Spring 1976, 49-54)	1976
	19	Mirages	Undated
	20	Outlet (The Outlet of Lake Bonneville, <u>Scientific Monthly</u> , Vol. 47, 1948, 415-426)	1948
	21	Pathfinder (no photo, just a caption) (Pathfinder of the Papaguera, <u>Americas</u> , Vol. 21, No. 9, September 1969, 13-21; Vol. 21, No. 10, October 1969, 14-21)	1969
	22	Pinacate (some in oversize prints) (The Pinacate Region, Sonora, Mexico, <u>Occasional Papers of the California Academy of Science</u> , No. 47, August 28, 1964)	1964
	23	Q Mult (Variable Band Width Q Multiplier, <u>QST</u> , Vol. 41, No. 4, April 1957, 25-29)	1957
	24	Quest of the Blue Shells (title page only) (<u>Arizoniana</u> , Vol. 3 No. 1, Spring 1961, 3-7)	1961
Box	Folder	Description	Dates
16	1	River (some in oversize prints) (Gilbert River Bed Utah, 1947-1950)	1947-1950
	2	Ruhen	Undated
	3	S Meter	Undated
	4	S-9 (Improving the S-9er, <u>CQ</u> , Vol. 12, No. 8, August 1956, 20 et seq.)	1956
	5	Salvage (Salvage Geology - Glacial Deposits, Middle Park, Colorado, <u>Explorers Journal</u> , Vol. 45 No. 3, September 1967, 206-211)	1967
	6	Scales	Undated
	7	Scurvy	Undated
	8	Slip-stream (Experiments with a Slip-Stream Thermometer-I, <u>Journal of the Arizona Academy of Science</u> , Vol. 10, No. 1, February 1975, 15-19)	1975
	9	Sonoyta	Undated

	10	Squelch	Undated
	11	Terminal	Undated
	12	Timer	Undated
	13	Velasquez (The Life and Times of Jose Velasquez (manuscript), 1980)	1980
	14	Volts (A Line Voltage Adjuster, <u>Electronics World</u> , Vol. 64, No. 5, November 1960, 66 et seq.)	1960
	15	Winds (Winds of the Past, <u>Weatherwise</u> , Vol. 17, No. 5, October 1964, 224 et seq.)	1964
	16	WWV	Undated
		Subseries 3: Unnumbered Prints by Subject	1919-1979 and undated
	17	Bells	Undated
	18	Catalina d'Erauso	Undated
	19	Cities and towns-Arizona or Sonora	Undated
	20	Cities and towns-Arizona or Sonora-Small format	Undated
	21	Climber's corpse-Colorado	Undated
	22	Desert-Arizona or Sonora (folder 1)	Undated
	23	Desert-Arizona or Sonora (folder 2)	Undated
	24	Desert-Arizona or Sonora-Small format	Undated
	25	Desert-Arizona or Sonora-Sun Photo "Bonus Photo" format	Undated
Box	Folder	Description	Dates
17	1	Diagrams and maps	Undated
	2	Electronic equipment (no source identified) (folder 1)	Undated
	3	Electronic equipment (no source identified) (folder 2)	Undated
	4	Electronic equipment (no source identified) (folder 3)	Undated
	5	Electronic equipment (no source identified) (folder 4)	Undated
	6	Electronic equipment (photo by Cornell Aeronautical Lab) (folder 1)	Undated
	7	Electronic equipment (photo by Cornell Aeronautical Lab) (folder 2)	Undated
	8	Electronic equipment (photo by Don Shapero, Redwood City, Calif.)	1957
	9	Electronic equipment (photo by Elsie & Roland Wolfe Studio, Palo Alto, Calif.)	Undated
	10	Electronic equipment (photo by John Bethel Studio, Palo Alto, Calif.)	Undated

	11	Geological detail-Arizona or Sonora	Undated
	12	Geological detail-Colorado or Utah	Undated
	13	Gilbert River Bed Area, Utah	Undated
	14	Historic documents	Undated
	15	Historic structures-Arizona or Sonora	Undated
Box	Folder	Description	Dates
18	1	Ives family and friends	1919-1979 and undated
	2	Ives Jeep and equipment	Undated
	3	Ives-Pictures of	1931-1967 and undated
	4	Katabatic canyon winds	18 Apr 1943
	5	Kino, Eusebio	Undated
	6	Kino missions	Undated
	7	Loper, Bert	Undated
	8	Mines	Undated
	9	Miscellaneous	Undated
	10	Mountains-Colorado or Utah (Folder 1)	Undated
	11	Mountains-Colorado or Utah (Folder 2)	Undated
	12	Mountains-Colorado or Utah (Folder 3)	Undated
	13	Native American artifacts-Arizona or Sonora	Undated
	14	People	Undated
	15	Prints for exhibition (some in oversize prints)	Undated
	16	Ruhen, Enrique	Undated
	17	Scientific equipment, Historic	Undated
	18	Scientific equipment (not electronic)	Undated
	19	Smoke tests	Undated
Box	Folder	Description	Dates
		Subseries 4: Oversize Prints	1940-1964 and undated
19	1	Colorado or Utah mountains	Undated
	2	Dugway (captioned for publication)	Undated
	3	G.H.C.R. (captioned for publication)	1940
	4	Ives, R.L., portrait	Undated
	5	Pinacate (captioned for publication)	1964
	6	Prints for exhibition	Undated
	7	Puerto Peñasco panorama	1950s
	8	River (captioned for publication)	1947-1950
	9	Scientific instruments	Undated
	10	Tinaja de Carlina, Pinacate, Sonora	Undated

		Series II: Photographic Negatives	1923-1977 and undated
		Subseries 1: Numbered Negatives (standard sizes)	1923-1977 and undated
20	1-399	Nitrate Negatives	1923-1931
21	400-799	Nitrate Negatives	1931
22	800-1174	Nitrate Negatives	1931-1932
23	1175-1549	Nitrate Negatives	1932
24	1550-1924	Nitrate Negatives	1932-1933
25	1925-2274	Nitrate Negatives	1932-1933
26	2275-2624	Nitrate Negatives	1933-1934
27	2625-2999	Nitrate Negatives	1934
28	3000-3474	Negatives	1935-1936
29	3475-3949	Negatives	1936-1938
30	3950-4374	Negatives	1938-1939
31	4375-4799	Negatives	1939-1940
32	4800-5274	Negatives	1940
33	5275-5774	Negatives	1940-undated
34	5775-6199	Negatives	Undated 1940s-1946
35	6200-6599	Negatives	Undated 1940s-1954
36	6600-6974	Negatives	1954-1960s
37	6975-7420	Negatives	1960s-1977
Box	Folder	Description	Dates
		Subseries 2: Special File Negatives (oversize)	1920s-1970s
38	1	Special file negatives	1920s-1934
	2	Special file negatives	1935-1937
	3	Special file negatives	1939
	4	Special file negatives	1939-1940
	5	Special file negatives	1940s
39	1	Special file negatives	1940s
	2	Special file negatives	1950s
	3	Special file negatives	1960s-1970s
		Subseries 3: Unnumbered Negatives	1920s-1960s and undated
	4	Yellowstone National Park (found in Album 1)	undated
	5	Grand Canyon National Park (found in Album 1)	
	6	Unidentified	1920s?
	7	Katabatic canyon winds	18 Apr 1943

	8	Organ Pipe Cactus National Monument-Sonoyta Valley	14 Feb 1966
	9	Organ Pipe Cactus National Monument-Kino Peak, Acuna Valley	20 Feb 1966
	10	Desert—Sun Photo “Bonus Photo” roll	undated
	11	Miscellaneous	undated
		Series III: Slides	1961-1977 and undated
40	1	Slides: Pinacate (Mexico), Tumacacori and San Xavier del Bac (Arizona)	Apr 1961
	2	Slides: Pinacate and other Sonora (Mexico)	Oct 1963-Apr 1971
	3	Slides: Pinacate and other Sonora (Mexico), Cochran Coke Ovens and Grand Falls of the Little Colorado River (Arizona)	May 1971-Nov 1977
	4	Slides: Sonora coastline (Mexico), Tumacacori and San Xavier del Bac (Arizona)	Undated
	5	Slides: Puerto Peñasco (Mexico)	Undated
	6	Slides: Puerto Peñasco (Mexico)	Undated
	7	Slides: Fort Yuma (Calif.) and Sonora (Mexico)	Undated
	8	Slides: Puerto Peñasco and Pinacate (Mexico)	Undated
	9	Slides: Puerto Peñasco and other Sonora (Mexico), San Xavier del Bac (Arizona)	Undated
	10	Slides: Colorado mountains and clouds	Undated
	11	Slides: San Xavier del Bac (Arizona)	Undated
	12	Slides: Aerial photos of desert and mountains	Undated
	13	Slides: Colorado mountains and clouds	Undated
	14	Slides: Colorado mountains and clouds	Undated
	15	Slides: Colorado mountains and clouds	Undated
	16	Slides: Colorado mountains and clouds	Undated
	17	Slides: People and scenery (Colorado)	Undated
	18	Slides: Pinacate (Mexico)	Undated
	19	Slides: Colorado scenes	Undated
	20	Slides: Pinacate (Mexico), Organ Pipe Cactus National Monument (Arizona)	Undated
	21	Slides: Utah?	Undated
	22	Slides: Utah?	Undated
	23	Slides: Yellowstone National Park and unidentified	Undated