Western Survey Expeditions of 1871, 1872, 1873, and 1874

Processed by Katherine Ruiz.
The Bancroft Library, University of California, Berkeley
Berkeley, California 94720-6000
1997
Western Survey Expeditions of 1871, 1872, 1873, and 1874

BANC PIC 1905.17116-.17119--STER

The Bancroft Library

University of California
Berkeley, California 1997

Finding aid and digital representations of archival materials funded in part by a grant from the National Endowment for the Humanities.

Processed and encoded by:
California Heritage Digital Image Access Project staff in The Bancroft Library and The Library's Electronic Text Unit
Digital images processed by:
The Library Photographic Service
Finding aid completed:
March 1997
© 1997 The Regents of the University of California

Collection Summary
Collection Title: Western Survey Expeditions of 1871, 1872, 1873, and 1874
Date: 1871, 1872, 1873, and 1874
Collection Number: BANC PIC 1905.17116-.17119--STER
Extent: 150 photographic prints; stereograph, albumen; 10 x 18 cm. 150 digital objects
Photographers: Timothy H. O'Sullivan and William Bell
Berkeley, California 94720-6000
Languages Represented: English

Access
Collection is available for use.

Publication Rights
Copyright has not been assigned to The Bancroft Library. All requests for permission to publish photographs must be submitted in writing to the Curator of Pictorial Collections. Permission for publication is given on behalf of The Bancroft Library as the owner of the physical items and is not intended to include or imply permission of the copyright holder, which must also be obtained by the reader.
Copyright restrictions also apply to digital representations of the original materials. Use of digital files is restricted to research and educational purposes.

Preferred Citation
Western Survey Expeditions of 1871, 1872, 1873, and 1874

Digital Representations Available

Digital representations of selected original pictorial materials are available in the list of materials below. Digital image files were prepared from selected Library originals by the Library Photographic Service. Library originals were copied onto 35mm color transparency film; the film was scanned and transferred to Kodak Photo CD (by Custom Process); and the Photo CD files were color-corrected and saved in JFIF (JPEG) format for use as viewing files.

Related Collections

Identifier/Call Number: BANC PIC 19xx.273--PIC:
Geographical Surveys West of the 100th Meridian (U.S.).
Title: New Mexico Photographs from the 1873 Geographical Survey West of the 100th Meridian
Identifier/Call Number: BANC PIC 19xx.055--ffALB:
Title: Photographs Taken During the U. S. Geological Surveys West of the 100th Meridian, 1871-1873, by Timothy H. O'Sullivan and William Bell
Identifier/Call Number: BANC PIC 19xx.089--STER:
Title: Stereoviews of the U. S. Geographical Survey Expedition West of the 100th Meridian of 1871, by Timothy H. O'Sullivan
Identifier/Call Number: BANC PIC 19xx.090--STER:
Title: Stereoviews of the U. S. Geographical Survey Expedition West of the 100th Meridian of 1872, by William Bell
Identifier/Call Number: BANC PIC 19xx.091--STER:
Title: Stereoviews of the U. S. Geographical Survey Expedition West of the 100th Meridian of 1873, by Timothy H. O'Sullivan

Acquisition Information

Unknown.

Timothy H. O'Sullivan

Timothy H. O'Sullivan was born in 1840. He learned photography at the New York gallery of Mathew Brady, and accompanied Brady on a Civil War photography assignment. In 1863 O'Sullivan left Brady to establish his own gallery in Washington D.C. He published a series of "Photographic Incidents of the War" (1862-1865). In 1867 he joined the Geological Exploration of the 40th Parallel, led by Clarence King, which was the first of the four great post-war surveys carried out by the United States Government. This expedition explored the area from the eastern edge of the Sierras and across the great Basin to the front range of the Rocky Mountains.

After three years as King's photographer, O'Sullivan was appointed Photographer to the Darien Surveying Expedition in 1870 by the Secretary of the Navy. The purpose of this expedition was to report to the government on possible routes for a ship canal between the Atlantic and Pacific Oceans. He returned to the West in 1871 with the Geographical and Geological Explorations and Surveys West of the 100th Meridian, commanded by Lieutenant George M. Wheeler of the Corps of Engineers. The party surveyed Owens Valley, Death Valley, and the Colorado River through the Grand Canyon. Most of O'Sullivan's photographs during this expedition were ruined in transit. O'Sullivan was transferred back to a Clarence King survey in 1872, to a team that went to Wyoming. In the winter of 1872-1873, O'Sullivan printed two sets of his King survey photographs for an exhibition at the World's Fair in Vienna in 1873. In 1873 O'Sullivan accompanied Wheeler once again, this time to Arizona and New Mexico, photographing the mysterious Native American ruins of Canyon de Chelly, San Miguel Church in Santa Fe, and Zuni Pueblo. In 1874 he visited the West for the last time, working in northern New Mexico, southern Colorado, and Idaho. He became Photographer to the U.S. Treasury Department in 1880. O'Sullivan died of tuberculosis in Staten Island in 1882.


William Bell

William Bell was born in Liverpool, England in 1830. His career as a photographer began as a daguerreotyper working for John Keenan beginning in 1848. In 1852 he opened his own daguerreotype gallery in Philadelphia, Pennsylvania. In 1873 he took on William H. Rau as an assistant photographer and later became his partner (1870s). Bell's photographic collections
Western Survey Expeditions of 1871, 1872, 1873, and 1874

include the Geographical Surveys West of the 100th Meridian Expedition of 1872, and Expeditions of 1871, 1872, 1873 and 1874. He died in 1910 in Philadelphia.


Scope and Content
This survey expedition stereograph collection consists of 150 albumen stereographs taken of and for the Geographical Surveys West of the 100th Meridian from 1871-1874. The publisher is the War Department Corps of Engineers, U.S.A. The U.S. Geographical and Geological Surveys were implemented for the purpose of surveying, mapping, and studying the vast expanses of the previously unknown western landscapes of the United States. Timothy H. O'Sullivan and William Bell were the official photographers of the surveys.

The collection is distributed over four accession numbers as follows: 1905.17116 consists of 50 stereograph views taken by both photographers from the 1871-1874 expeditions, and includes images of Zuni, Navajo, Apache, and Ute Indians, Canyon de Chelly and the Grand Canyon, and other sites in New Mexico and Arizona. 1905.17117 consists of 23 stereograph images taken by O'Sullivan from the 1871 expedition, and includes images of Black Canyon and the Grand Canyon, and other New Mexico and Arizona sites. 1905.17118 consists of 39 stereograph views taken by Bell from the 1872 expedition, and includes images of the Canyon of Kanab Creek, the Grand Canyon, and various New Mexico and Arizona sites. 1905.17119 consists of 38 stereograph views taken by O'Sullivan from the 1873 expedition, and includes images of Zuni, Navajo, and Apache Indians, and Canyon de Chelly. Printed captions on the backs of the stereographs are partially reprinted in the container listing.

1905.17116:1-50

1. The Start from Camp Mojave, Arizona, September 15th, 1871.
   Photographer: T. H. O'Sullivan
   Photographer's number: 1
   Photographer's series: Expedition of 1871.
   ark:/13030/tf3290065

2. View across Black Canon. The grand walls in perspective.
   Photographer: T. H. O'Sullivan
   Photographer's number: 2
   Photographer's series: Expedition of 1871.
   ark:/13030/tf8b69p3v9

3. View down Black Canon from Mirror Bar. The walls repeated by reflection.
   Photographer: T. H. O'Sullivan
   Photographer's number: 3
   Photographer's series: Expedition of 1871.
   ark:/13030/tf8f59p411

4. Grotto Spring, Grand Canon, Colorado River.
   Photographer: T. H. O'Sullivan
   Photographer's number: 4
   Photographer's series: Expedition of 1871.
   ark:/13030/tf567nb4t0

5. Types of Mojave Indians.
   Photographer: T. H. O'Sullivan
   Photographer's number: 5
   Photographer's series: Expedition of 1871.
   ark:/13030/tf3z09p0tq

   Photographer: T. H. O'Sullivan
   Photographer's number: 6
   Photographer's series: Expedition of 1871.
   ark:/13030/tf6s20090x

   Photographer: T. H. O'Sullivan
   Photographer's number: 7
   Photographer's series: Expedition of 1871.
   ark:/13030/tf1d5nb1wn

8. The Canon of Kanab Creek, near its junction with the Grand Canon of the Colorado.
   Photographer: Wm. Bell
   Photographer's number: 8
   Photographer's series: Expedition of 1872.
   ark:/13030/tf6g5008qb
Photographer: Wm. Bell
Photographer's number: 9
Photographer's series: Expedition of 1872.

:10 The mouth of Kanab Creek.
Photographer: Wm. Bell
Photographer's number: 10
Photographer's series: Expedition of 1872.

:11 Mouth of the Paria, Colorado River; walls 2100 feet in height.
Photographer: Wm. Bell
Photographer's number: 11
Photographer's series: Expedition of 1872.

:12 View in the Grand Canon of the Colorado River.
Photographer: Wm. Bell
Photographer's number: 12
Photographer's series: Expedition of 1872.

:13 Marble Canon, one of the Gorges of the Colorado here, 1200 feet deep.
Photographer: Wm. Bell
Photographer's number: 13
Photographer's series: Expedition of 1872.

:14 The Northern Wall of the Grand Canon of the Colorado, near the foot of the Tō-ro-weap Valley.
Photographer: Wm. Bell
Photographer's number: 14
Photographer's series: Expedition of 1872.

:15 The "Vermillion Cliff," a typical plateau edge, as seen from Jacob's Pool, Arizona.
Photographer: Wm. Bell
Photographer's number: 15
Photographer's series: Expedition of 1872.

:16 Indian Pueblo of Zuni, New Mexico; view from the interior.
Photographer: T. H. O'Sullivan
Photographer's number: 16
Photographer's series: Expedition of 1873.

:17 Zuni Indian Girl, with water olla.
Photographer: T. H. O'Sullivan
Photographer's number: 17
Photographer's series: Expedition of 1873.

:18 Gardens surrounding the Indian Pueblo of Zuni.
Photographer: T. H. O'Sullivan
Photographer's number: 18
Photographer's series: Expedition of 1873.

:19 Group of Zuni Indian "Braves," at their Pueblo, N. M. [New Mexico]
Photographer: T. H. O'Sullivan
Photographer's number: 19
Photographer's series: Expedition of 1873.

:20 War Chief of the Zuni Indians.
Photographer: T. H. O'Sullivan
Photographer's number: 20
Photographer's series: Expedition of 1873.

:21 Ruins in Canon de Chelle, N. M. [New Mexico], in a cavity in the wall, 60 feet above present bed of Canon.
Photographer: T. H. O'Sullivan
Photographer's number: 21
Photographer's series: Expedition of 1873.

:22 Circle Wall, Canon de Chelle.
Photographer: T. H. O'Sullivan
Photographer's number: 22
Photographer's series: Expedition of 1873.
:23 Explorers Column, Canon de Chelle, Arizona.
Photographer: T. H. O'Sullivan
Photographer's number: 23
Photographer's series: Expedition of 1873. ark:/13030/tf9x0nb7vs

:24 Central Portion of Canon de Chelle, New Mexico.
Photographer: T. H. O'Sullivan
Photographer's number: 24
Photographer's series: Expedition of 1873. ark:/13030/tf7199p2gg

:25 Camp Beauty, Canon de Chelle; walls 1200 feet high, width of Canon at this point about one fourth of a mile.
Photographer: T. H. O'Sullivan
Photographer's number: 25
Photographer's series: Expedition of 1873. ark:/13030/tf0779n8dd

:26 Aboriginal life among the Navajo Indians, Canon de Chelle, New Mexico.
Photographer: T. H. O'Sullivan
Photographer's number: 26
Photographer's series: Expedition of 1873. ark:/13030/tf767nb6kz

:27 Navajo Indian Squaw, and Child, at their home, in Canon de Chelle.
Photographer: T. H. O'Sullivan
Photographer's number: 27
Photographer's series: Expedition of 1873. ark:/13030/tf2779n9gj

:28 Navajo Boys and Squaw, in front of the quarters at old Fort Defiance, N. M. [New Mexico], now unoccupied by troops.
Photographer: T. H. O'Sullivan
Photographer's number: 28
Photographer's series: Expedition of 1873. ark:/13030/tf9n39p45g

:29 Navajo Brave and his Mother.
Photographer: T. H. O'Sullivan
Photographer's number: 29
Photographer's series: Expedition of 1873. ark:/13030/tf600008fg

:30 Apache Lake, Summit of Sierra Blanca Mountains.
Photographer: T. H. O'Sullivan
Photographer's number: 30
Photographer's series: Expedition of 1873. ark:/13030/tf7489p318

:30 copy 2 Apache Lake, Summit of Sierra Blanca Mountains. [variant]
Photographer: T. H. O'Sullivan
Photographer's number: 30
Photographer's series: Expedition of 1873.

:31 Coyotero Apache Scouts, at Apache Lake, Sierra Blanca Mountains, Arizona.
Photographer: T. H. O'Sullivan
Photographer's number: 31
Photographer's series: Expedition of 1873. ark:/13030/tf0199n82x

:32 Cooley's Ranch, 10 miles east of Camp Apache, Arizona.
Photographer: T. H. O'Sullivan
Photographer's number: 32
Photographer's series: Expedition of 1873. ark:/13030/tf7k40097j

:33 Apache Indians, as they appear ready for the war-path.
Photographer: T. H. O'Sullivan
Photographer's number: 33
Photographer's series: Expedition of 1873. ark:/13030/tf4p3007f

:34 Roman Catholic Church, Plaza of Guadalupe, Guadalupe Co., Colorado.
Photographer: T. H. O'Sullivan
Photographer's number: 34
Photographer's series: Expedition of 1874. ark:/13030/tf9k40115q
Beaver Lake, Conejos Canon, Colorado, 9000 feet above sea-level, and 30 miles from mouth of Canon.
Photographer: T. H. O'Sullivan
Photographer's number: 35
Photographer's series: Expedition of 1874.

Canon, Valley of the Conejos River, looking South from vicinity of "Lost Lakes."
Photographer: T. H. O'Sullivan
Photographer's number: 36
Photographer's series: Expedition of 1874.

Lost lakes, head of Conejos Canon, Colorado.
Photographer: T. H. O'Sullivan
Photographer's number: 37
Photographer's series: Expedition of 1874.

One of the Group of Pagosa Hot Springs, showing incrustation on the surface.
Photographer: T. H. O'Sullivan
Photographer's number: 38
Photographer's series: Expedition of 1874.

Pah-ge, a Ute Squaw, of the Kah-poh-teh band, Northern New Mexico.
Photographer: T. H. O'Sullivan
Photographer's number: 39
Photographer's series: Expedition of 1874.

Ute Braves, of the Kah-poh-teh band, Northern New Mexico, in "full dress."
Photographer: T. H. O'Sullivan
Photographer's number: 40
Photographer's series: Expedition of 1874.

Photographer: T. H. O'Sullivan
Photographer's number: 41
Photographer's series: Expedition of 1874.

Shee-zah-nan-tan, Jicarilla Apache Brave in characteristic costume, Northern New Mexico.
Photographer: T. H. O'Sullivan
Photographer's number: 42
Photographer's series: Expedition of 1874.

Characteristic ruin, of the Pueblo San Juan, New Mexico, on the north bank of the San Juan River, about 15 miles west of the mouth of Canon Largo.
Photographer: T. H. O'Sullivan
Photographer's number: 43
Photographer's series: Expedition of 1874.

Lagunas Caballo, or Horse Lakes, 14 miles N. W. from Tierra Amarilla, New Mexico.
Photographer: T. H. O'Sullivan
Photographer's number: 44
Photographer's series: Expedition of 1874.

Alpine Lake, in the Cerro Blanco Mountains, Colorado.
Photographer: T. H. O'Sullivan
Photographer's number: 45
Photographer's series: Expedition of 1874.

Alpine Lake, in the Cerro Blanco Mountains, Colorado. [variant]
Photographer: T. H. O'Sullivan
Photographer's number: 45
Photographer's series: Expedition of 1874.

Baldy Peak, Cerro Blanco Mountains, Colorado, 14234 feet above sea-level.
Photographer: T. H. O'Sullivan
Photographer's number: 46
Photographer's series: Expedition of 1874.
1905.17116:1-50

46 copy 2 Baldy Peak, Cerro Blanco Mountains, Colorado, 14234 feet above sea-level. [variant]
Photographer: T. H. O'Sullivan
Photographer's number: 46
Photographer's series: Expedition of 1874.

47 Alpine lakes, and Mountain Scenery, in the Cerro Blanco Mountains, Colorado, 13000 feet above sea-level.
Photographer: T. H. O'Sullivan
Photographer's number: 47
Photographer's series: Expedition of 1874. ark:/13030/tf2v19p0bh

48 Shoshone Falls, Snake River, Idaho.
Photographer: T. H. O'Sullivan
Photographer's number: 48
Photographer's series: Expedition of 1874. ark:/13030/tf4c6007nj

49 Shoshone Falls, Snake River, Idaho, looking through the timber and showing the main fall, and upper or "Lace Falls."
Photographer: T. H. O'Sullivan
Photographer's number: 49
Photographer's series: Expedition of 1874.

50 Shoshone Falls, Snake River, Idaho, Gorge and natural bridge, in the fore-ground.
Photographer: T. H. O'Sullivan
Photographer's number: 50
Photographer's series: Expedition of 1874. ark:/13030/tf8j49p3jz

1905.17117:1-23

1 The Start from Camp Mojave, Arizona, September 15, 1871.
Photographer: T. H. O'Sullivan
Photographer's number: 1
Photographer's series: Expedition of 1871. ark:/13030/tf9w1011b8

2 Nee-chi-qua-ra, a good specimen of the Mojave type.
Photographer: T. H. O'Sullivan
Photographer's number: 2
Photographer's series: Expedition of 1871. ark:/13030/tf367nb3qq

3 Camp in Painted Canon, Colorado River.
Photographer: T. H. O'Sullivan
Photographer's number: 3
Photographer's series: Expedition of 1871. ark:/13030/tf8n39p3rq

4 First Halt within the Black Canon.
Photographer: T. H. O'Sullivan
Photographer's number: 4
Photographer's series: Expedition of 1871. ark:/13030/tf1f59n96d

5 Snug Harbor, Black Canon.
Photographer: T. H. O'Sullivan
Photographer's number: 5
Photographer's series: Expedition of 1871. ark:/13030/tf158005c6

6 Light and Shadow, Black Canon; walls about 1,700 feet in height.
Photographer: T. H. O'Sullivan
Photographer's number: 6
Photographer's series: Expedition of 1871. ark:/13030/tf1199n98t

7 Middle of Black Canon, looking down stream.
Photographer: T. H. O'Sullivan
Photographer's number: 7
Photographer's series: Expedition of 1871. ark:/13030/tf6f59n9371

8 View across Black Canon. The Great Walls in Perspective.
Photographer: T. H. O'Sullivan
Photographer's number: 8
Photographer's series: Expedition of 1871. ark:/13030/tf438nb44p

Western Survey Expeditions of 1871, 1872, 1873, and 1874
:9 View down Black Canon from Mirror Bar.
Photographer: T. H. O'Sullivan
Photographer's number: 9
Photographer's series: Expedition of 1871.

:10 Mojave Indians caught napping.
Photographer: T. H. O'Sullivan
Photographer's number: 10
Photographer's series: Expedition of 1871.

:11 Melon cactus (Cereus ctenoides,) 3 feet in height and 16 inches in diameter.
Photographer: T. H. O'Sullivan
Photographer's number: 11
Photographer's series: Expedition of 1871.

:12 Camp at the crossing of the Colorado, just below the mouth of the Grand Canon.
Photographer: T. H. O'Sullivan
Photographer's number: 12
Photographer's series: Expedition of 1871.

:13 Triangulation Station, near the mouth of the Grand Canon, Colorado River.
Photographer: T. H. O'Sullivan
Photographer's number: 13
Photographer's series: Expedition of 1871.

:14 Grotto Spring, Grand Canon, Colorado River.
Photographer: T. H. O'Sullivan
Photographer's number: 14
Photographer's series: Expedition of 1871.

:15 View in the Grand Canon of the Colorado.
Photographer: T. H. O'Sullivan
Photographer's number: 15
Photographer's series: Expedition of 1871.

:16 Maiman, a Mojave Indian, guide and interpreter during a portion of the season in the Colorado country.
Photographer: T. H. O'Sullivan
Photographer's number: 16
Photographer's series: Expedition of 1871.

:17 Baptismal Font, about 6 miles above mouth of the Grand Canon.
Photographer: T. H. O'Sullivan
Photographer's number: 17
Photographer's series: Expedition of 1871.

:18 View across the Grand Canon, from Grotto Spring.
Photographer: T. H. O'Sullivan
Photographer's number: 18
Photographer's series: Expedition of 1871.

:19 Grand Canon, junction of Diamond and Colorado Rivers.
Photographer: T. H. O'Sullivan
Photographer's number: 19
Photographer's series: Expedition of 1871.

:20 View of Grand Canon Walls near mouth of Diamond River.
Photographer: T. H. O'Sullivan
Photographer's number: 20
Photographer's series: Expedition of 1871.

:21 Types of Mojave Indians.
Photographer: T. H. O'Sullivan
Photographer's number: 21
Photographer's series: Expedition of 1871.

:22 Fred W. Loring, in his campaign costume, with his mule "Evil Merodach."
Photographer: T. H. O'Sullivan
Photographer's number: 22
Photographer's series: Expedition of 1871.
23 View across the crater of San Francisco Mountain.
Photographer: T. H. O'Sullivan
Photographer's number: 23
Photographer's series: Expedition of 1871.

1905.17118:1-39

1 Mormon village of Mona, below the foothills of Nebo Peak, Wahsatch Range.
Photographer: Wm. Bell
Photographer's number: 1
Photographer's series: Expedition of 1872.

2 Small artificial lake for irrigating purposes at Mona.
Photographer: Wm. Bell
Photographer's number: 2
Photographer's series: Expedition of 1872.

3 A gravel bed carved by the rain.
Photographer: Wm. Bell
Photographer's number: 3
Photographer's series: Expedition of 1872.

4 Sevier River Valley, to the South of Gunnison, Utah.
Photographer: Wm. Bell
Photographer's number: 4
Photographer's series: Expedition of 1872.

5 View in the High Country, on the headwaters of the Dirty Devil River
Photographer: Wm. Bell
Photographer's number: 5
Photographer's series: Expedition of 1872.

6 Mountain Range, near Fish Lake. Altitude 11,575 feet.
Photographer: Wm. Bell
Photographer's number: 6
Photographer's series: Expedition of 1872.

7 View in the High Country, on the headwaters of the Dirty Devil River
Photographer: Wm. Bell
Photographer's number: 7
Photographer's series: Expedition of 1872.

8 Three Lakes Canon. Gray Cliffs in the distance; near Kanab U. T. [Utah]
Photographer: Wm. Bell
Photographer's number: 8
Photographer's series: Expedition of 1872.

9 Cave near Kanab, U. T. [Utah]
Photographer: Wm. Bell
Photographer's number: 9
Photographer's series: Expedition of 1872.

10 Near Jacob's Pool, in Northern Arizona.
Photographer: Wm. Bell
Photographer's number: 10
Photographer's series: Expedition of 1872.

11 The "Vermillion Cliff," a typical plateau edge as seen from Jacob's Pool, Arizona.
Photographer: Wm. Bell
Photographer's number: 11
Photographer's series: Expedition of 1872.

12 A perched block of Sandstone, which is being gradually undermined by the action of sand and wind.
Photographer: Wm. Bell
Photographer's number: 12
Photographer's series: Expedition of 1872.
“The Bear,” a mass of sandstone, fallen from the cliffs, near the mouth of the Paria.
Photographer: Wm. Bell
Photographer's number: 13
Photographer's series: Expedition of 1872.

The Canon of Kanab Creek, near its junction with the Grand Canon of the Colorado.
Photographer: Wm. Bell
Photographer's number: 14
Photographer's series: Expedition of 1872.

“The Bath,” a dripping spring in Kanab Canon.
Photographer: Wm. Bell
Photographer's number: 15
Photographer's series: Expedition of 1872.

The Canon of the Kanab Creek, near its junction with the Grand Canon of the Colorado River.
Photographer: Wm. Bell
Photographer's number: 16
Photographer's series: Expedition of 1872.

The Canon of the Kanab Creek, near where it joins the Grand Canon of the Colorado.
Photographer: Wm. Bell
Photographer's number: 17
Photographer's series: Expedition of 1872.

The Canon of the Kanab Creek, near where it joins the Grand Canon of the Colorado.
Photographer: Wm. Bell
Photographer's number: 18
Photographer's series: Expedition of 1872.

The Canon of the Kanab Creek, near where it joins the Grand Canon of the Colorado.
Photographer: Wm. Bell
Photographer's number: 19
Photographer's series: Expedition of 1872.

The mouth of Kanab Creek.
Photographer: Wm. Bell
Photographer's number: 20
Photographer's series: Expedition of 1872.

Sand Sculpture.
Photographer: Wm. Bell
Photographer's number: 21
Photographer's series: Expedition of 1872.
:24 Grand Canon, mouth of Kanab Wash.  
Photographer: Wm. Bell  
Photographer’s number: 24  
Photographer’s series: Expedition of 1872.  
:25 The Grand Canon of the Colorado, near the mouth of Kanab Creek.  
Photographer: Wm. Bell  
Photographer’s number: 25  
Photographer’s series: Expedition of 1872.  

:26 Yellow Pine (Pinus ponderosa, Doug.,) the timber-tree of the high plateaus in Utah, Arizona, and New Mexico.  
Photographer: Wm. Bell  
Photographer’s number: 26  
Photographer’s series: Expedition of 1872.  
:27 Colorado River, above the mouth of the Paria.  
Photographer: Wm. Bell  
Photographer’s number: 27  
Photographer’s series: Expedition of 1872.  
:28 Marble Canon, one of the Gorges of the Colorado, here 1,200 feet deep. The steep cliff is grey limestone and the slope a brilliant red sandstone.  
Photographer: Wm. Bell  
Photographer’s number: 28  
Photographer’s series: Expedition of 1872.  

:28 copy 2 Marble Canon, one of the Gorges of the Colorado, here 1,200 feet deep. The steep cliff is grey limestone and the slope a brilliant red sandstone. [variant]  
Photographer: Wm. Bell  
Photographer’s number: 13  
Photographer’s series: Expedition of 1872.  
:29 Marble Canon, one of the Gorges of the Colorado, here 1,200 feet deep. The steep cliff is grey limestone and the slope a brilliant red sandstone.  
Photographer: Wm. Bell  
Photographer’s number: 29  
Photographer’s series: Expedition of 1872.  
:30 Marble Canon, one of the Gorges of the Colorado, here 1,200 feet deep. The steep cliff is grey limestone and the slope a brilliant red sandstone.  
Photographer: Wm. Bell  
Photographer’s number: 30  
Photographer’s series: Expedition of 1872.  
:31 Devil’s Anvil near foot of To-ro-weap Valley. River 3,000 feet below.  
Photographer: Wm. Bell  
Photographer’s number: 31  
Photographer’s series: Expedition of 1872.  
:32 The Northern Wall of the Grand Canon of the Colorado, near the foot of To-ro-weap Valley.  
Photographer: Wm. Bell  
Photographer’s number: 32  
Photographer’s series: Expedition of 1872.  
:33 The Northern Wall of the Grand Canon of the Colorado, near the foot of To-ro-weap Valley.  
Photographer: Wm. Bell  
Photographer’s number: 33  
Photographer’s series: Expedition of 1872.  
:34 The Grand Canon of the Colorado, near the foot of To-ro-weap Valley.  
Photographer: Wm. Bell  
Photographer’s number: 34  
Photographer’s series: Expedition of 1872.  

---

Western Survey Expeditions of 1871, 1872, 1873, and 1874  
BANC PIC 1905.17116-.17119--STER  
12
13

:35 The Grand Canon of the Colorado, near the foot of To-ro-weap Valley.
Photographer: Wm. Bell
Photographer's number: 35
Photographer's series: Expedition of 1872. [ark:/13030/tf5z09p1rs]

:36 The Grand Canon of the Colorado, near the foot of To-ro-weap Valley.
Photographer: Wm. Bell
Photographer's number: 36
Photographer's series: Expedition of 1872. [ark:/13030/tf1w1005v1]

:37 The Grand Canon of the Colorado, near the foot of To-ro-weap Valley.
Photographer: Wm. Bell
Photographer's number: 37
Photographer's series: Expedition of 1872. [ark:/13030/tf3f59n9f0]

:38 The Grand Canon of the Colorado, near the foot of To-ro-weap Valley.
Photographer: Wm. Bell
Photographer's number: 38
Photographer's series: Expedition of 1872. [ark:/13030/tf5h4nb4t0]

:39 Grand Canon, foot of the To-ro-weap Valley.
Photographer: Wm. Bell
Photographer's number: 39
Photographer's series: Expedition of 1872. [ark:/13030/tf0f59n7x0]

:1 Zuni Indian Girl, with water olla.
Photographer: T. H. O'Sullivan
Photographer's number: 1
Photographer's series: Expedition of 1873. [ark:/13030/tf1c6005d1]

:2 Alcalde, or municipal officer of the Zuni Indians.
Photographer: T. H. O'Sullivan
Photographer's number: 2
Photographer's series: Expedition of 1873. [ark:/13030/tf3z09p0v7]

:3 The Two "Beauties." Zuni Indian belles, 16 and 18 years of age.
Photographer: T. H. O'Sullivan
Photographer's number: 3
Photographer's series: Expedition of 1873. [ark:/13030/tf0h4nb1dr]

:4 Lieutenant-Governor of the Zuni Indians.
Photographer: T. H. O'Sullivan
Photographer's number: 4
Photographer's series: Expedition of 1873. [ark:/13030/tf096nb128]

:5 Gardens surrounding the Indian Pueblo of Zuni, in which are raised a variety of vegetables, such as pepper, onions, garlic, &c.
Photographer: T. H. O'Sullivan
Photographer's number: 5
Photographer's series: Expedition of 1873. [ark:/13030/tf1g5005c5]

:6 Group of Zuni Indian "Braves" at their pueblo, N. M. [New Mexico]
Photographer: T. H. O'Sullivan
Photographer's number: 6
Photographer's series: Expedition of 1873. [ark:/13030/tf0b69n84x]

:7 Group of Zuni Indians, at their pueblo or town, N. M. [New Mexico]
Photographer: T. H. O'Sullivan
Photographer's number: 7
Photographer's series: Expedition of 1873. [ark:/13030/tf096nb13s]

:8 War Chief of the Zuni Indians.
Photographer: T. H. O'Sullivan
Photographer's number: 8
Photographer's series: Expedition of 1873. [ark:/13030/tf4580071x]
:9 Old Mission Church, Pueblo of Zuni, N. M. [New Mexico]
Photographer: T. H. O'Sullivan
Photographer's number: 9
Photographer's series: Expedition of 1873. ark:/13030/tf3w1007fd

:10 Old Spanish Record, on North Wall of Inscription Rock, N. M. [New Mexico]
Photographer: T. H. O'Sullivan
Photographer's number: 10
Photographer's series: Expedition of 1873. ark:/13030/tf4g2nb4gd

:11 Distant View of Ancient Ruins in lower part of Canon de Chelle, N. M. [New Mexico]
Photographer: T. H. O'Sullivan
Photographer's number: 11
Photographer's series: Expedition of 1873. ark:/13030/tf7870095j

:12 Ruins in Canon de Chelle, N. M. [New Mexico], in a cavity in the wall, 60 feet above present bed of canon.
Photographer: T. H. O'Sullivan
Photographer's number: 12
Photographer's series: Expedition of 1873. ark:/13030/tf8d5nb77w

:13 View looking down the Canon de Chelle, about 15 miles below the head.
Photographer: T. H. O'Sullivan
Photographer's number: 13
Photographer's series: Expedition of 1873. ark:/13030/tf3m3nb413

:14 Circle Wall, Canon de Chelle.
Photographer: T. H. O'Sullivan
Photographer's number: 14
Photographer's series: Expedition of 1873. ark:/13030/tf129004wt

:15 Explorers Column, Cannon de Chelle, Arizona.
Photographer: T. H. O'Sullivan
Photographer's number: 15
Photographer's series: Expedition of 1873. ark:/13030/tf367nb3h7

:16 Central Portion of the Canon de Chelle, New Mexico.
Photographer: T. H. O'Sullivan
Photographer's number: 16
Photographer's series: Expedition of 1873. ark:/13030/tf3h4nb3zx

:17 Camp Beauty, Canon de Chelle.
Photographer: T. H. O'Sullivan
Photographer's number: 17
Photographer's series: Expedition of 1873. ark:/13030/tf2s2006s4

:18 View near head of Canon de Chelle.
Photographer: T. H. O'Sullivan
Photographer's number: 18
Photographer's series: Expedition of 1873. ark:/13030/tf4v19p1dn

:19 Canon de Chelle. Walls from bed of canon, 1,200 feet in height.
Photographer: T. H. O'Sullivan
Photographer's number: 19
Photographer's series: Expedition of 1873. ark:/13030/tf9f59p46x

:20 Aboriginal life among the Navajo Indians, Canon de Chelle, New Mexico.
Photographer: T. H. O'Sullivan
Photographer's number: 20
Photographer's series: Expedition of 1873. ark:/13030/tf7d5nb694

:21 Navajo Indian squaw and child at their canon home in Canon de Chelle.
Photographer: T. H. O'Sullivan
Photographer's number: 21
Photographer's series: Expedition of 1873. ark:/13030/tf0c6004g8

:22 Navajo squaws and child, Canon de Chelle, New Mexico.
Photographer: T. H. O'Sullivan
Photographer's number: 22
Photographer's series: Expedition of 1873. ark:/13030/tf0h4nb1f8
23 Navajo boys and squaw in front of their quarters at old Fort Defiance, New Mexico.
Photographer: T. H. O'Sullivan
Photographer's number: 23
Photographer's series: Expedition of 1873. 

24 Navajo Brave and his mother.
Photographer: T. H. O'Sullivan
Photographer's number: 24
Photographer's series: Expedition of 1873. 

25 Domestic scene among the Navajoe Indians.
Photographer: T. H. O'Sullivan
Photographer's number: 25
Photographer's series: Expedition of 1873. 

26 Navajoe Indian Dance, at old Fort Defiance, N. M. [New Mexico]
Photographer: T. H. O'Sullivan
Photographer's number: 26
Photographer's series: Expedition of 1873. 

27 Apache Lake, Summit of Sierra Blanca Mountains, about 35 miles east from Camp Apache, Arizona, and 10,500 feet above sea-level.
Photographer: T. H. O'Sullivan
Photographer's number: 27
Photographer's series: Expedition of 1873. 

28 Cooley's Ranche, 10 miles east of Camp Apache, Arizona.
Photographer: T. H. O'Sullivan
Photographer's number: 28
Photographer's series: Expedition of 1873. 

29 Coyotero Apache Scouts, at Apache Lake, Sierra Blanca Range, Arizona.
Photographer: T. H. O'Sullivan
Photographer's number: 29
Photographer's series: Expedition of 1873. 

30 Apache Indians as they appear ready for the war-path.
Photographer: T. H. O'Sullivan
Photographer's number: 30
Photographer's series: Expedition of 1873. 

31 Apache squaw and pappoose.
Photographer: T. H. O'Sullivan
Photographer's number: 31
Photographer's series: Expedition of 1873. 

32 Apache Braves ready for the trail, Arizona.
Photographer: T. H. O'Sullivan
Photographer's number: 32
Photographer's series: Expedition of 1873. 

33 Young Apache warrior and his squaw, near Camp Apache, Arizona.
Photographer: T. H. O'Sullivan
Photographer's number: 33
Photographer's series: Expedition of 1873. 

34 Pedro, Captain of one of the Coyotero Apache Bands, Arizona, in his Washington costume.
Photographer: T. H. O'Sullivan
Photographer's number: 34
Photographer's series: Expedition of 1873. 

35 Apache squaw and child.
Photographer: T. H. O'Sullivan
Photographer's number: 35
Photographer's series: Expedition of 1873. 

:36 Canon of the Colorado River, Utah, 25 miles above the mouth of Paria Creek.
Photographer: T. H. O'Sullivan
Photographer's number: 36
Photographer's series: Expedition of 1873. <ark:/13030/tf8s2010w3

:37 The ancient Church of San Miguel, Santa Fe, N. M. [New Mexico]
Photographer: T. H. O'Sullivan
Photographer's number: 37
Photographer's series: Expedition of 1873. <ark:/13030/tf8m3nb6rg

:38 Altar, Church of San Miguel, Santa Fe, N. M. [New Mexico]
Photographer: T. H. O'Sullivan
Photographer's number: 38
Photographer's series: Expedition of 1873. <ark:/13030/tf538nb4j6