

From the IHSF Archive III: Winter 2016

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Dear Friends of IHSF

IHSF, *in 2016*, *celebrates the 61st Anniversary of its founding as a repository and processing facility for historical papers, film images and unique sound recordings. Your support is earnestly sought for the raison d'être of this Foundation.*

Our 50 staff, students and volunteers access and convert treasures from around the world to modern media, by which families, friends and scholars may revive latent information from antiquated media. Endless revelations abound from dusty nooks and crannies; their discovery and restoration are the Mission and pleasure of IHSF and its supporters.

From all of us, Happy Holidays and Joyous New Year!

The Spectacular Badlands of South Dakota

The 100th Anniversary of the U.S.A. National Parks in 2016 prompted IHSF departments to review film images and related archival materials which celebrate their histories, attractions and magnificence.



One Park, less well known - the Badlands of South Dakota, is uniquely rich in materials donated by the family whose ancestors conceived of the public reserve and tenaciously struggled to establish it within the National Park Service.

George Benz Millard, grandson of Ben Millard, "Father of the Badlands," has contributed exclusive and abundant

correspondence, documents and film images which detail the earliest efforts and frustrations to gain national recognition for this area.

Conceived as a park in 1909, approved/established as a National Monument in 1929/1939 by President Roosevelt, Congress posthumously fulfilled Ben Millard's dream of a Badlands National Park on November 10, 1978.

Today, the 244,000-acre landscape contains the largest protected mixed-grass prairie in the U.S. and the world's richest Oligocene epoch fossil beds, estimated to be 23-35 million years old. About 500,000 years ago water began to erode the surface to reveal six layers of geologic history, including evidence of camels, three-toed horses, saber-toothed cats, giant rhinoceros-like creatures and other exotic fossils. Colors abound in the bizarre, wind-carved spires, pinnacles, massive buttes and deep gorges.

Ben Millard, the "park's" first naturalist, and his congressional cohorts donated land, and established and operated tourist infra-structures which now attract over a million visitors annually.

"His" Badlands constitute but one of numerous archival donations from grandson, Dr. George Millard, who for nearly 20 years has annually brought to IHSF treasures from a life-time of



Ben Millard

exploits within the highest levels of the U.S. political arena, as national liaise Head of the Peace Corps in Peru, extended member of the largest shipbuilding-family throughout World War II, professional geographer, pursuer of geological wonders and photographer extraordinaire. Dr. Millard's latest partnership with IHSF Lab Services portends a new and comprehensive approach to the Badlands' extraordinary curiosities.



IHSF: South Dakota Highway 240

NM Oral History from the 1880s



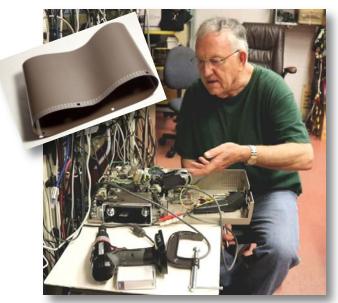
Pioneer Robert Martin at age 90 in 1963, recorded pre-20th Century events around Hot Springs (now Truth or Consequences), New Mexico. His detailed descriptions of Cowboy ranch life, cattle drives, 1902 Stage Coach Line, supplier of freight for the Elephant Butte Dam, treeing a bear and many other illuminating incidents were captured by Richard Layne, IHSF A/V Lab, in conjunc-

Pioneer Robt Martin, Hot Springs, NM tion with Karl Laumbach, Human Systems Research (HSR).

The project required the reconstruction of an *Executory 211*, 1960s IBM dictating machine designed primarily for legal and medical services. The recording surface of each *magnabelt*, 13 inches in circumference by 3 3/4" wide, could hold up to 14 minutes of sound. Martin recorded 21 belts, nearly five hours in all.

Unfortunately, parts of the unit had so deteriorated that alternative means had to be considered to operate the mechanism and amplify the sound. Hank Stephenson, IHSF Tech Lab, employed a variable speed drill to rotate the worm drive and move the magnetic head pickup across the belt. Amplification was solved by rerouting the sound circuit directly to the A/V Lab's computer.

Geronimo Springs Museum in Truth or Consequences, for whom the project was undertaken, plans to make the informative series available in a modern format.



IHSF: Hank Stephenson, IBM Executory 211 & Magnabelt

English Medieval Embroidery Revisited

Dr. Mark Whiting, Emeritus Professor of Chemistry, University of Bristol, England, in the days of film was a proficient exponent of photography with the Leica systems. His extraordinary command of such cameras and accessories equipped him for an entire range of subjects, be they vast landscapes, particular structures and formations or macrofeatures.



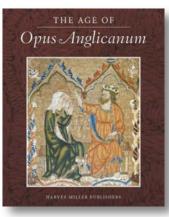
During his Oxford faculty days, the Victoria and Albert Museum (V&A) in 1963 exhibited a most unique and rare assembly of Anglican ecclesiastical and secular embroidery. The fabric detail required sophisticated approaches to frame photographic images through their protective cases and reflected lights.

Dr. Whiting was well up to the task. His unique color slides, curated at IHSF by Fred Yellon,

IHSF: Whiting

display every aspect of the museum's formal arrangements and constitute a premier part of the more than 10,000 Kodachromes on numerous subjects Dr. Whiting contributed to the IHSF photographic corpus.

A successor to the 1963 exhibit is once again at the V&A. Over luxurious needlework 100 examples constitute the largest collection of these magnificent specimens in the world. Supporting the exhibition is The Age of Opus Anglicanum, by Michael A. Michael, the first volume in a series, "Studies in English Medieval Embroidery" (c:1200-1500), which records papers from a symposium held at the V&A in 2013. The volume





IHSF: Whiting

represents a comprehensive re-assessment of the importance of English medieval embroidery as a cultural phenomenon. The selected works currently featured at the V&A are a great inducement to attend before the closing date of February 5, 2017.

The Priesthood of a Japanese "Spy"



Fr. Joseph Kitagawa, ca. 1942

The Episcopal Diocese of New Mexico and Southwest Texas, caused special Christian privileges to be engaged throughout the notorious Japanese Internment Camps of World War II, by interventions regarding Deacon Joseph Kitagawa, an internee in the camp for "undesirables" near Santa Fe.

Joseph had come under scrutiny of the FBI after Pearl Harbor, primarily because of previous

Japanese military service in China and his erratic movements up and down the west coast of California while awaiting entrance into the 1941 class sessions of Church Divinity School of the Pacific, the Episcopal theological college at Berkeley.

In spite of his mistaken identification as a "spy," Kitagawa was discovered by the rector of Santa Fe's parish of Holy Faith, Charles James Kinsolving, III, who immediately set about assisting Kitagawa's ministrations to fellow detainees. Together



The Episcopal clerics

then obtained national

gained permission to administer the historic

Sacraments, as shown

Register entries. Theirs

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passes to visit

Japanese camp

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with two Episcopal bishops, Kinsolving

broke through strict internment regulations and raised Joseph to the priesthood just two days before he was shipped off to Lordsburg, NM, and the Santa Fe Camp was closed.



New Mexico Japanese Internment Camp

was a bold and remarkable war-time achievement.

Archival Zuhl Cases for Slides

Herbert Zuhl, a Leica connoisseur of photography, has generously helped underwrite the preservation of IHSF's colossal collection of nearly $1,000,000 - 2" \ge 2"$ colored slides which were popular from 1936 for over 70 years.

While many such brands were sold and tested, Kodak's popular film, Kodachrome, stayed the course as the most reliable. When the processing service for it was discontinued

in 2010, the fashion shifted rapidly from alternative color films to digital imaging.

Slides were often taken in many other less stable



Herbert Zuhl (courtesy of NMSU's Zuhl Museum)

film iterations such as Ektachrome, Agfachrome, Anscochrome and Fujichrome, all of which are sought for their record of the 20th century. In many instances, IHSF can restore loss of color and degeneration through digital reconstruction. In the worst case, an image may be turned into a black and white representation of the subject.

Dr. Zuhl's own slides at IHSF reflect some of the 1,800 specimens of petrified wood, fossils and minerals at the Herbert and Joan Zuhl Museum on the campus of New Mexico State University.

Consequently, the Zuhl gift in part has funded the manufacture of custom, acid-free containers which support purpose-built

trays holding 2,250 slides each. This makes possible the archival preservation of one of the nation's largest complement of world-wide snapshots for research.



IHSF: Custom Zuhl Case



From the Archivist at IHSF

Photographic Images on Glass



IHSF: Paul Bosselai

Howard Clinton Tibbitts was featured in a recent presentation at the Las Cruces Branigan Cultural Center by Paul Bosselait, Head of the IHSF Microfilm and Stock Photography Lab. Paul's subject encompassed Tibbitts' early use of Glass Plate Photography, both wet and dry.

Little is known about H.C. Tibbitts,

nor any portrait of him, but his exquisite negative plates, survive in collections held by the University of New Mexico, San Jose State University and notably James Frank, who supplied the bulk of the Branigan exhibit.



Born in 1863, the San Francisco based photographer worked 40 years on the Southern Pacific and Santa Fe Railroads while filming exotic scenes of the American West, Canada and Mexico. In particular, Sunset Magazine – an publication official of the Southern Pacific Railroad, made extensive use of Tibbitts' images in its efforts to change the perception of the Wild West through his depictions of its

Atchison Topeka and Santa Fe

beauty and grandeur. Clearly those promotions increased tourist travel both on the SP and the ATSF lines.

IHSF is fortunate to have in its collection of 1,500 cameras an 1860s Ross Glass Plate 12"x10" field unit, intact with original wet plates. Bosselait accompanied his talk with a video carefully demonstrating the intricacies of filming on a Ross prior to the American Civil War. This is the first in a series of performances demonstrating the work and Mission of IHSF.



IHSF: Julie Mather

during the construction of its current Archive building in the 1990s. He personally called on fellow geographers, librarians and academics to invest in the unique Mission of IHSF and willed to it his own publications, papers and ancillary holdings.

The contributions (280 cubic feet) of these Academic Geographers were a direct result of Cotton Mather's solicitations to underwrite the IHS Foundation:

Dr. Cotton Mather, New Mexico Dr. Harry Swain, Canada Dr. Paul Karan, Kentucky Dr. George Millard, Minnesota Dr. Richard Ruggles, Canada Dr. Jim Wilson, Ohio Dr. Gene Martin, Minnesota Dr. Alvar Carlson, Ohio Dr. Ann Sutton, California Dr. Jerry Pitzel, Minnesota Dr. Richard Faricy, Minnesota





Julie Mather, widow of

Cotton Mather (1918-1999) -

England's famed 17th century

her late husband's massive

photographic contributions to

Mather was instrumental in

urging colleagues to support

The Institute of Historical

Survey Foundation (IHSF)

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American geography,

IHSF: Cotton Mather

Julie Mather, for nearly two decades, has collated, inventoried and data-based portions of their offerings.



IHSF: Ross & Co., London, 1860



IHSF: 12"x10" Glass Wet Plate

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The Mather Academic Endowment