

THE ASTRONAUT AND THE RANGER

NASA and the National Park
Service, sharing joint research
and education

I

Background

1936:

(Continued from front flap)

show the underlying traits of their characters. Finally snow trapped them in the Sierras. There were desperate efforts to cross the pass, efforts to survive there by Truckee Lake; from the other side of the pass there were frantic attempts at rescue. Forty-six people got through alive.

Going back to original sources, consulting the diaries of the survivors and other contemporary documents, retracing on foot much of the way the Donner Party followed, Mr. Stewart has written the definitive account of a story that has assumed the proportions of a folk epic. It is a story that runs the compass of man's nature: almost incredible devotion and self-sacrifice, and greed equally incredible; cowardice and heroism; petty squabbles rising to a hate that could persist in the face of a common death; stupidity, arrogance, courage, even a certain grim humor; above all dogged endurance, the will to live driving across obstacles of pain, of want, of freezing and burning, and even that last terrible necessity, the eating of human flesh, and by sheer power of the human spirit winning through to life.

Illustrated

SPRING 1936 PUBLICATIONS

A NEW VOLUME OF POEMS	by Robert Frost
ORDEAL BY HUNGER: The Story of the Donner Party	by George R. Stewart, Jr.
MOTHS ROUND THE FLAME	by Geoffrey F. Hall
ROCHAMBEAU AND THE AMERICAN REVOLUTION	by Jean-Edmond Weelen and the Comte de Rochambeau
NOW WE CAME BY OUR BODIES	by Charles B. Duvesport
THE TUDORS	by Conyers Read
THE EUROPEAN THEATER SINCE THE WAR	edited by Thomas H. Dickinson
PURITANS IN THE SOUTH SEAS	by Louis B. Wright and Mary Isabel Fry
VENETIAN PAINTERS	by Frank Jewett Mather, Jr.
THE DESERT FATHERS	translated by Helen Waddell
THIS SOVIET WORLD	by Anna Louise Strong
ANCIENT IRISH TALES	edited by Tonn Peete Cross and C. H. Storer
POEMS, 1893-1934	by Walter de la Mare
MURDER ON MONDAYS	by Christopher Bush
TEXAS HISTORY: An Outline	by George O'Brien John
SOLVING PERSONAL PROBLEMS	by Hamilton Sockett Elliott and Grace Loucks Elliott
THE RESOURCES OF RELIGION	by Georgia Harkness
BEGAN THOUGHT AND ITS EVOLUTION	by Albert Schweitzer
WOMEN AFTER FORTY	by Grace Loucks Elliott

HENRY HOLT AND COMPANY

One Park Avenue

New York



ORDEAL BY HUNGER:

The Story of the Donner Party

by GEORGE R. STEWART, Jr.

Of all the overland journeys to the West, probably that of the Donner Party has most deeply possessed the American imagination. It is not hard to understand why, for the happenings of that journey stripped away the standards of civilized life, and laid bare in terrible simplicity the elements of human behavior.

In 1846, before the gold rush had so well beaten out the Western trail, some eighty-seven people—men, women and children—with their wagons, started for California. They were late in the year; misled by Hastings' directions, they took a new, hard route; they struggled across the desert, losing most of their cattle and nearly dying themselves of thirst. Disasters arose; under the strain the members of that varied company began to

(Continued on back flap)

HENRY HOLT AND COMPANY
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\$2.75

- “Imagine yourself poised in space....” (The Astronaut)
- “...I consider the land a character in the work.” (The Ranger)

*I consider the main theme ...
to be the problem of the
relationship of man to his
environment. I really think of
myself, in most of my books,
as what might be called an
ecologist.*

GRS, 1948

G.R. Stewart

Listening to

Ranger reading

EARTH ABIDES



YOSEMITE, 1986

- Ames Earth System Scientists
- Al Harrison
- Yosemite Chief Naturalist
- Garth Hull
- Chris McKay
-Years later, a Spacemobile visits Craters of the Moon.

RAISON D'ETRE :
National Parks as *NASA-NPS Labs*;
Parks as *NASA education sites* for 300,000,000
annual NPS Visitors



II

Craters of the Moon

“ the only national park unit that’s a
NASA Space Grant member. ”

(And now an International Dark Sky Park)

“The Moon has this peculiar eerie beauty, like Craters of the Moon, that is magnificent... they excite your imagination.”

-Edgar Mitchell, Apollo 14 Astronaut, 1999



(N-N
Video...)

Chief Naturalist Ted Stout Working with Researchers



NASA ECLIPSE BALLOON LAUNCH

ARCO, IDAHO/CRATERS OF THE MOON







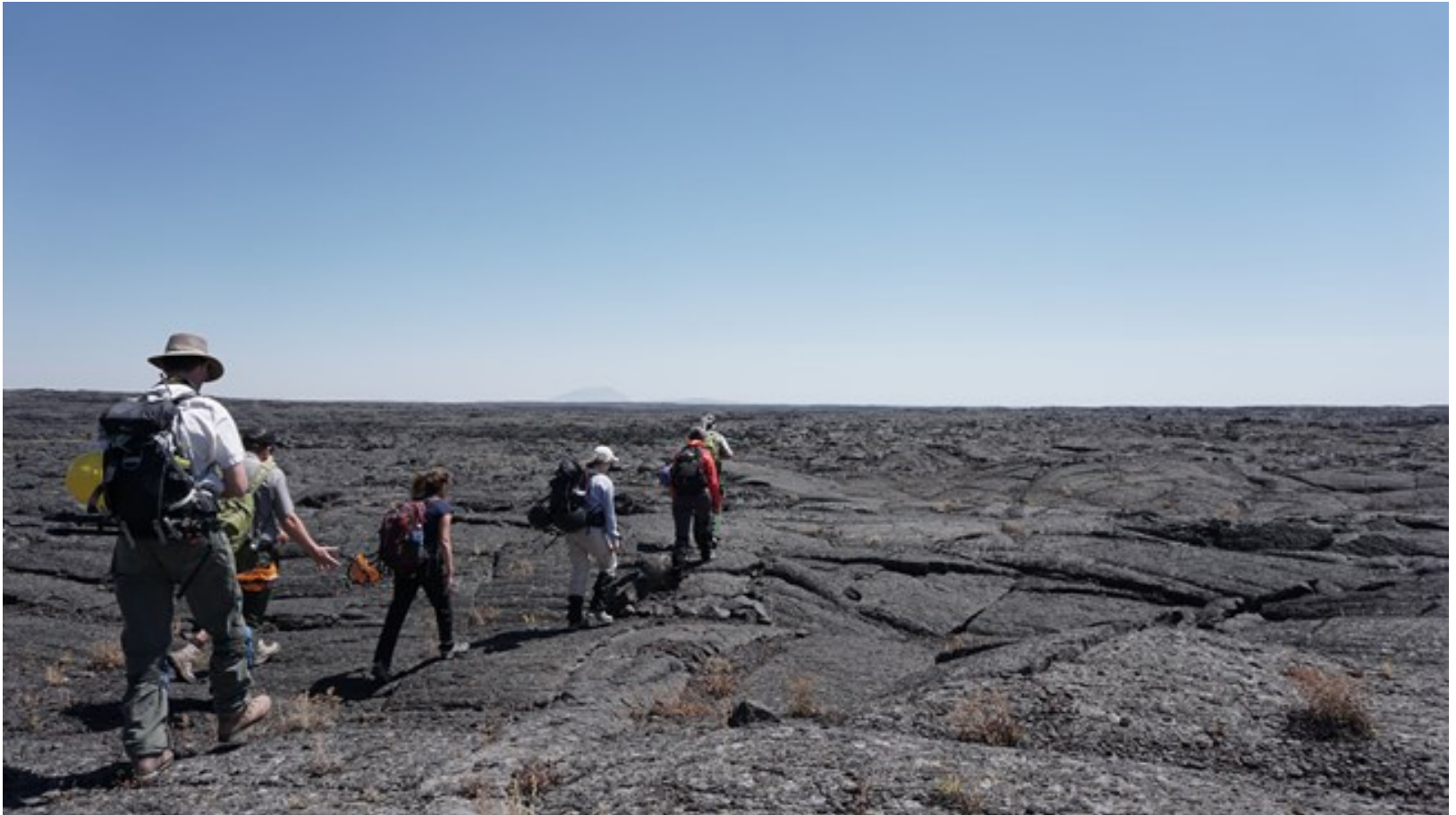
Campfire Programs were given by NASA-Ames Scientists that week

CHIEF NATURALIST, CRATERS OF THE MOON,
AND
NASA PRINCIPAL INVESTIGATOR AT ARCO



*...There is no comradeship except through union
in the same high effort.”*

St. Exupery



Opus Perfeci

Or Is It?

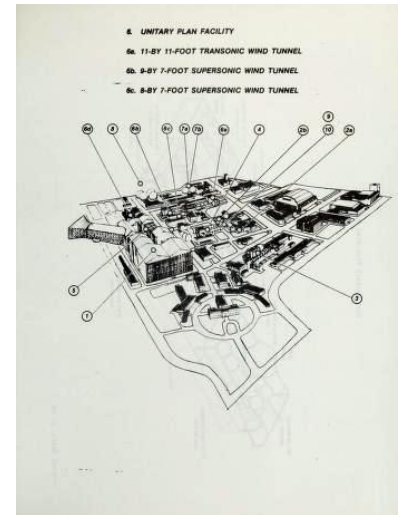
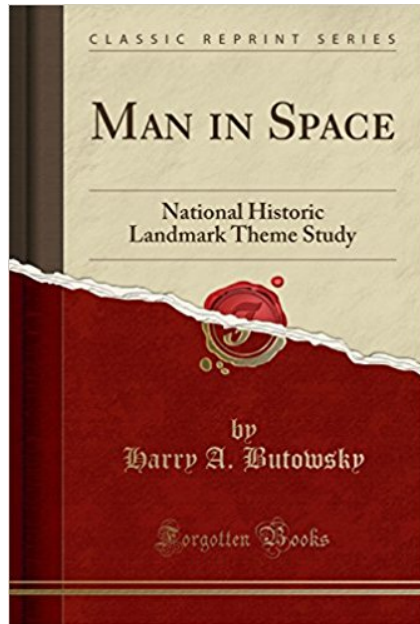
Questions?

III

Reports and Proposals

HARRY BUTOWSKY

National Park Service Historian (retired)



Proposing a Santa Susana Field Lab National Historic Site

CHRIS McKAY,
NASA-Ames Research Center,
Astrobiologist

Analogue Research Today



CONCLUSION

Albright's Vision of the Astronaut-Ranger, 1933

...Our National Park Service uniform which we wear with pride does command the respect of our fellow citizens. We have the spirit of fighters, not as a destructive force but as a power for good. With this spirit each of us is an integral part of the preservation of the magnificent heritage we have been given, so that centuries from now people of our world, *or perhaps of other worlds*, may see and understand what is unique to our earth, never changing, eternal.”

Horace Albright, Second NPS Director

THE ASTRONAUT AND THE RANGER

- *Donald M. Scott*
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- *Images and quotes are public domain*
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Thanks also to

Mary Valleau, Garth Hull,

Dinah Showman

NASA,

the National Park

Service,

Craters of the Moon NM

And

CONTACT