

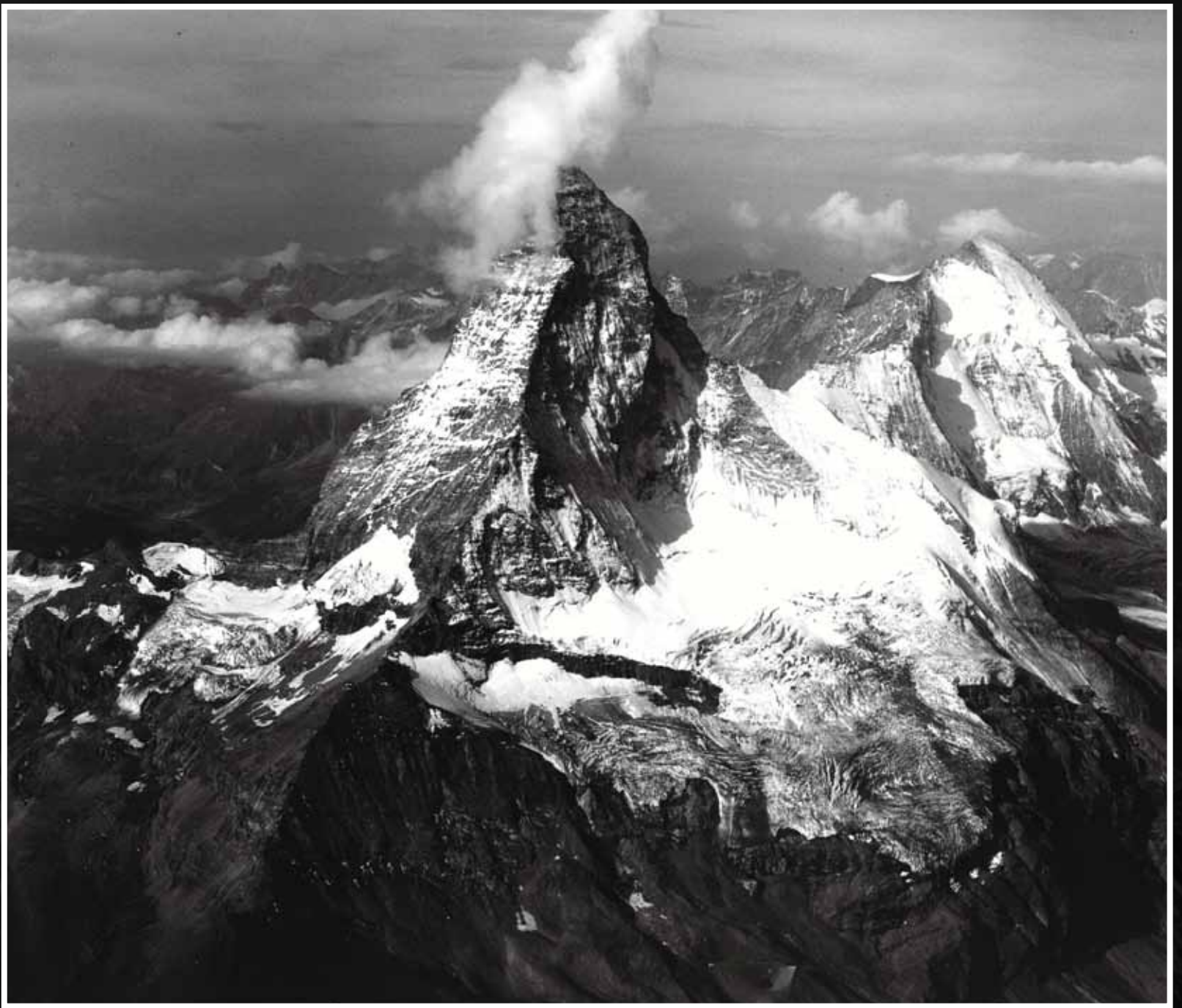
Matterhorn, Switzerland © Bradford Washburn, 1960, Courtesy of Panopticon Gallery, Boston, MA

Double Exposure

at the Montshire Museum

STUNNING PHOTOS
CAPTURE CLIMATE CHANGE

BY ELIZABETH KELSEY



Matterhorn, Switzerland © David Arnold, 2005

It was 2005, and photographer David Arnold had just purchased a Brad Washburn (1910–2007) print of an Alpine peak taken decades earlier. As he was driving home with the print propped up against the passenger seat door, Arnold wondered: “If global warming is real, what does this scene look like now?”

That question eventually led to “Double Exposure: Photographing Climate Change,” an exhibition of photographs and educational panels that will be on display at the Montshire Museum of Science in Norwich, Vermont, this fall. The exhibition juxtaposes photos by Bradford Washburn, who took images of glaciers in Alaska and Switzerland in the early to mid-1900s, with those of Arnold, who retraced Washburn’s steps to photograph the same areas decades later. »



Guyot Glacier, Alaska © Bradford Washburn, 1938, Courtesy of Archives, University of Alaska



Guyot Glacier, Alaska © David Arnold, 2006

Climate-Change Events at the Montshire Museum of Science

“Double Exposure: Photographing Climate Change”

SATURDAY, SEPTEMBER 25–SUNDAY, NOVEMBER 28

“Double Exposure” documents one aspect of the warming climate through fine-art photography by Bradford Washburn and David Arnold that brings the viewer into panoramas of glaciers once grand but now receding.

Ticketed event with David Arnold: “Chasing the Shadows of Dr. Bradford Washburn”

THURSDAY, OCTOBER 7 AT 7 PM

Beginning in the 1930s and spanning six decades, explorer Bradford Washburn artistically and audaciously photographed the majestic glaciers of Alaska and Switzerland. In 2005, environmental photojournalist David Arnold spent two years retracing Washburn’s steps to record a selection of the original 8,000 images. Arnold’s presentation, “Chasing the Shadows of Dr. Bradford Washburn,” chronicles his epic journey from Alaska to the Alps and provides insights into Washburn’s extraordinary life.

This event will also serve as a celebration of the Museum’s new partnership with ILEAD (Institute for Lifelong Learning at Dartmouth) with the goal of increasing adult participation in science education. Montshire and ILEAD members \$10, non-members, \$15.



COURTESY OF PANOPTICON GALLERY, BOSTON

“Seasons of Change, Global Warming in Your Backyard”

SATURDAY, SEPTEMBER 18–SUNDAY, DECEMBER 5

“Seasons of Change” is an interactive traveling exhibit that illustrates how climate change is impacting the landscape of New England over the changing of the seasons. Investigate the local and regional impacts of climate change, and then use the climate simulator to explore alternative approaches to moderate climate change while receiving immediate feedback on each approach.

“The Dynamic Earth”

THROUGH SUNDAY, NOVEMBER 28

“The Dynamic Earth” provides visitors with an intuitive understanding of earth’s active and changing systems that shape our global environment—whether it’s weather patterns, ocean currents, plate tectonics, or volcanoes and earthquakes.

A PHOTOGRAPHIC ADVENTURE

Washburn was a photographer, cartographer, adventurer, and president of Boston’s Museum of Science from 1938 until 1980. Arnold is a freelance photographer and journalist who was a staff reporter at the *Boston Globe* for 25 years.

Arnold grew up looking at Washburn’s photos at the Museum of Science. Later, during his career as a reporter at the *Boston Globe*, he became reacquainted with the adventurer when Washburn suggested stories. “He would feed me story ideas that made us both look good,” says Arnold. “I got the better deal because

Washburn’s ideas usually required fun road trips.”

“Double Exposure” involved more than a road trip, though; its pivotal moments took place high in the air. From 2005 to 2007, Arnold traveled throughout Alaska and Switzerland to take aerial photographs from the same vantage point as Washburn. The locations were exact—only the scenes had changed. Arnold and his pilot had to check their charts to make sure they were in the right place.

STRIKING CHANGES

In Arnold’s photos, one can spot the obvious retreat and thinning of ice. Arnold’s photos are also much darker

Welcome Aboard!

Scenic Vermont Train Rides

- Family Events
- Holiday Specials
- Group Rates
- Private Car Rentals

(800) 707-3530

www.rails-vt.com

Family & Esthetic Dental Care

Dr. Thomas G. Schell and
Dr. Patrick C. Noble, PLLC

Gentle Family &
Esthetic Dental Care
including treatment for
Obstructive Sleep Apnea

31 Old Etna Road, Suite N1
Lebanon, New Hampshire
(603) 448-3800
www.gentledentalcare.com

than Washburn's. "Ice reflects 90 percent of radiant heat. Dark ground absorbs 90 percent of reflective heat. The darker the scene, the more heat is absorbed," says Arnold. "The scientists call this a positive feedback mechanism. It makes the rate of melt difficult for computers to model. But this is one reason the ice world is melting much faster than even Al Gore predicted just a few years ago."

Arnold says the goal of his project is "to alarm, educate, but ultimately inspire. When we humans see a risk and acknowledge there is a high probability we may be toast, we act. We accept sacrifice, we put up with inconvenience. We will not let the planet become an unprecedented science experiment. Because we are not that stupid. Or selfish. I hope." 😊

For more information, contact the
Montshire Museum of Science
 at (802) 649-2200.
www.montshire.org



Shoup Glacier, Alaska © Bradford Washburn, 1938, Courtesy of Archives, University of Alaska

(802) 295-0933

Showroom Hours:
 Mon.-Fri. 7-5

2617 Hartford Avenue, Wilder, VT

- Wood Floor Sales
- 100's of lines of Hardwoods & Softwoods
- Professional Installation
- Dust-less Floor Sanding & Refinishing
- Prefinished or Unfinished
- Over 40 Years of Flooring Experience
- Call for Current Blowout Specials

WWW.BROWNSFLOORMASTERS.COM



Shoup Glacier, Alaska © David Arnold 2007

GET CONNECTED

Take this opportunity to reach thousands of potential customers!



Get listed on the hereinhanoveronline.com BUSINESS DIRECTORY and you will also be included on our printed list in every issue of ***HERE IN HANOVER***.

E-mail Bob Frisch at rcfrisch1@comcast.net, or call Bob at 603-643-1830. Find out how you can connect with our readers. It's easy, inexpensive, and another way to reach an affluent and educated audience.

GET CONNECTED NOW!