

January 31 - February 11, 2019

# Tanzania Safari

*During the Great Migration*

**Walter Jetz**

*Yale Associate Professor in Ecology and Evolutionary Biology*

**Pincelli Hull**

*Assistant Professor in Geology and Geophysics*

# Dear Yale Traveler

Travel with Yale on a journey of a lifetime to the incredible natural wonder that is Tanzania: January 31-February 11, 2019. Experience the Great Migration by both land and air. Witness a land of natural beauty with over one million wildebeest, 500,000 zebra, and vast herds of Thomson's gazelle and Cape buffalo that gather and migrate on the plains of the Serengeti, land that also belongs to magnificent carnivores – the lion, cheetah and leopard.

Yale will visit four of Tanzania's finest game parks: Serengeti National Park, Ngorongoro Crater, Lake Manyara and Tarangire, including three nights in the heart of the Serengeti. Days begin at first light with an early morning game drive, when nocturnal animals conclude their foraging and grazers of the plains begin theirs. Depart on a second game drive as the daylight gives way to dusk, the remarkable glow of the setting sun illuminating the African wilderness. By way of a four-wheel-drive land cruiser, descend into the impressive 12-mile Ngorongoro Crater, a unique conservation area enclosed within a prehistoric caldera: a remarkable sanctuary for wildlife home to the black rhinoceros, gazelle, lion, and over 500 species of birds.

To introduce ourselves, I am Walter Jetz, a Professor in Ecology and Evolutionary Biology at Yale and Director of its Center for Biodiversity and Global Change. My past work has taken me to Africa on numerous occasions, where I have conducted biodiversity surveys, especially on birds, at a variety of field locations. I am excited to help Yale travelers better understand the marvelous biodiversity of this very special region.

My wife, Pincelli Hull, is the Assistant Professor in Yale's Geology & Geophysics Department. She studies biodiversity and species extinctions in deep time. She will be able to expand our horizons about the multifaceted paleontological history of animals (and humans) in this cradle of mankind.

I hope you will join us and other Yale travelers for this once-in-a-lifetime safari. We'll fly by chartered private aircraft, an exceptional perspective from which to view the sweeping African landscape; stay in deluxe, award-winning Serena Lodges and a comfortable tented camp, each ideally located for optimal wildlife observation. Witness the big five: African elephant, Cape Buffalo, leopard, lion, and rhinoceros.

Call 203-432-1952 to hold your spot on this program that is sure to be your trip of a lifetime!

Sincerely,



Walter Jetz  
Professor of Ecology &  
Evolutionary Biology  
Director, Yale Center for  
Biodiversity & Global Change



Pincelli Hull  
Assistant Professor  
Yale Geology &  
Geophysics Department



## Highlights

**Observe** parades of zebra, wildebeest, gazelle, Cape buffalo, and bush elephant; and look for hippopotamus seeking refuge from the midday sun in the Ngoitokitok Springs.

**Look** for granite *kopjes* (outcrops) dotting the plains, which are favored by large cats, especially lion and leopard.

**Watch** for troops of baboons and blue monkeys, and scan the grassy floodplain in search of Cape buffalo, wildebeest, tusked elephant, and giraffe.





## Yale Study Leaders

### Walter Jetz



Walter Jetz is Professor of Ecology and Evolutionary Biology and Adjunct Associate Professor in the School of Forestry and Environmental Studies at Yale University. Dr. Jetz is Director of the Yale Center for Biodiversity and Global Change, which links scientists, students and practitioners engaged in the environment, biological, informatics, policy or health aspects and implications

of global biodiversity change. He also directs the Max Planck Yale Center on Biodiversity Movement and Global Change. He leads the Map of Life, which consolidates global biodiversity distribution data sources into a single asset to provide the best possible species range information and species lists for any geographic area worldwide. Dr. Jetz earned his MSc in Integrative Bioscience and DPhil in Zoology from the University of Oxford. He also holds a biology degree from the University of Würzburg. Before coming to Yale he was a professor of biological sciences at the University of California San Diego. In addition to his work at Yale, Dr. Jetz chairs the Task Group on Biodiversity Indicators and is Lead Author of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES). He is also a member of the GEO Biodiversity Observation Network Implementation Committee. And he is the Scientific Chair of the E.O. Wilson Biodiversity Foundation.

### Pincelli Hull



Pincelli Hull is an Assistant Professor of Paleontology and Paleocyanography in the Department of Geology and Geophysics. She double majored in biology and Earth and Ocean Sciences at Duke University, and earned her PhD in Oceanography from the Scripps Institution of Oceanography at the University of California San Diego. After postdoctoral

work at Yale University and the University of Konstanz, she joined the faculty at Yale in 2013. Professor Hull is an expert on mass extinctions and the evolution of Cenozoic ocean ecosystems. Her research team uses geochemistry, geology, evolutionary biology, and ecology to understand how the evolution of ocean environments over the last 80 million years affects marine species and to study the causes and consequences of mass extinction and of rapid climate change.

- **Yale Educational Travel** • **Association of Yale Alumni**
- **Box 209010, New Haven, CT 06520-9010**
- **Reservations: 203.432.1952 [edtravel@yale.edu](mailto:edtravel@yale.edu)**

## Upcoming Trips

### Dutch Waterways

04/25/2019-05/03/2019

*Professor Marian Chertow*

### China and Tibet

05/04/2019-05/18/2019

*Professor Mimi  
Yiengpruksawan*

### Spain & Portugal on the Sea Cloud II

5/16/2019-05/29/2019

*Professor K. David Jackson*

### Symphony on the Blue Danube

09/16/2019 - 09/25/2019

*Professor Jim Hepokoski*



## ITINERARY

JANUARY 31 to  
FEBRUARY 11, 2019

### WELCOME PHONE CALL

Friday, January 18 (tentative)

Join the group at 4pm EST for a pre-trip welcome call with Professors Jetz and Hull in order to learn more about what to expect and to ask questions.

### U.S.

Thursday, January 31

Depart for Tanzania.

### ARUSHA, TANZANIA

Friday, February 1

Arrive at Kilimanjaro International Airport near the city of Arusha at the foot of Mount Meru and transfer to the deluxe ARUSHA SERENA HOTEL, RESORT & SPA, built amid verdant coffee fields next to tranquil Lake Duluti.

### ARUSHA/ SERENGETI NATIONAL PARK

Saturday, February 2

Board your scenic, privately chartered flight over the sweeping African plains to the legendary, UNESCO World Heritage-designated Serengeti National Park. On your game drive to the lodge, see the diverse and abundant fauna of this vast ecosystem, such as Thomson's gazelle, giraffe, cheetah, and leopard. Check into the deluxe SERENGETI SERENA SAFARI LODGE, located within the park's boundaries, with prime proximity to its largest year-round concentration of wildlife.

Join your fellow participants this evening for a Welcome Reception at the lodge. (B/L/R/D)

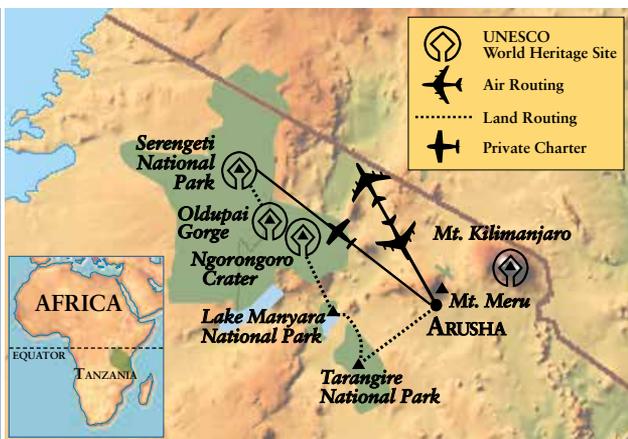
### SERENGETI

Sunday, February 3 and  
Monday, February 4

Experience a sublime spectacle of sheer nature, surrounded by great herds of wildebeest, gazelle, topi, zebra and Cape buffalo, only a fraction of more than two million animals inhabiting a mere 5,400 square miles of savannas and woodlands. During morning and afternoon game safaris, traverse the trackless grasslands that support this abundance of grazing animals and scan the plains for granite kopjes (outcrops) favored by large cats, especially lion and leopard. Enjoy prolific, world-class bird-watching possibilities with more than 500 species in the expansive marshland.

An early morning hot-air balloon flight option, weather conditions permitting, offers a

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phenomenal aerial perspective of the Serengeti's plains. (2B/2L/2D)

### SERENGETI/OLDUPAI GORGE/ NGORONGORO CRATER

Tuesday, February 5

Visit Oldupai Gorge, the "cradle of mankind," the most famous archaeological location in East Africa and the wellspring of our DNA. Here, Louis and Mary Leakey's paleoanthropological work was made famous when, in 1959, Mary unearthed the skull of *Zinjanthropus*, an early hominin that proved invaluable to the study of human ancestry. A year later, the Leakey family also discovered a 1.8-million-year-old *Homo habilis*. Meet the local curator for a discussion.

Enjoy a picnic lunch  
amid the distinct  
flora and fauna of  
Ngorongoro's rare and  
enthraling ecosystem.

Enjoy game-viewing opportunities as you continue to the UNESCO World Heritage-designated Ngorongoro Conservation Area. Check into the deluxe NGORONGORO SERENA SAFARI LODGE, perched on the precipice of the magnificent crater, where each guest room offers stunning views of the natural surroundings and wildlife. (B/L/D)

### NGORONGORO CRATER

Wednesday, February 6

Board a four-wheel-drive land cruiser and descend 2000 feet to the floor of Ngorongoro Crater, a remarkable sanctuary for hundreds of mammal and bird species. Born from the collapse of a massive volcano over two million years ago, the 12-mile-wide crater shelters a perennial mass of incredible wildlife in diverse habitats: savannas, forests, marshlands, salt pans, and a freshwater lake. With bountiful grass and a permanent water supply, the crater floor supports herds of grazing animals that, in turn, attract lion, leopard, and cheetah.

Observe parades of zebra, wildebeest, gazelle, Cape buffalo and bush elephant; watch for the critically endangered black rhinoceros; and look for hippopotamus seeking refuge from the midday sun in the Ngoitokitok Springs. Note the numerous species of birds that find a home in the crater, including ostrich, crowned crane, flamingo, and other waders.

Later, survey the crater and its ample wildlife from your lodge's viewing terrace, right on the crater's rim. (B/L/D)

### NGORONGORO CRATER/ LAKE MANYARA NATIONAL PARK

Thursday, February 7

Enjoy a scenic drive to the edge of the Great Rift Valley. Observe Tanzania's educational system firsthand in Kibaoni Primary School, the first public primary school in Tanzania with a library—visitors to the country donated most of its book collection. Meet the headmistress and see the school's classrooms.



Later, check into the deluxe LAKE MANYARA SERENA SAFARI LODGE before embarking on an afternoon game drive through Lake Manyara National Park in search of hippopotamus and brilliantly hued flamingo along the shoreline. Comb the landscape for troops of baboons and blue monkeys scampering along tree branches; Cape buffalo, wildebeest, tusked elephant, and giraffe meandering the grassy floodplain; and Lake Manyara's most famous inhabitant, lion, commonly seen lying languidly, in the outstretched boughs of the acacia tree. (B/L/D)

### LAKE MANYARA/ TARANGIRE NATIONAL PARK Friday, February 8

This morning, continue to a typical Maasai village to meet a local tribe; dressed in colorful traditional vestments, these Tanzanians have held fast to their ancestral ways, centered around their cattle, which provide them with sustenance and clothing, and shape their cultural values.

Enjoy a scenic drive to Tarangire National Park and the distinctive MARAMBOI LODGE TENTED CAMP. See a vast array of wildlife on an afternoon

game drive along the banks of the Tarangire River, and try to spot the stocking-thighed ostrich and the kori bustard, the largest flying bird native to Africa. (B/L/D)

### TARANGIRE Saturday, February 9

Rise with the African sun for a game drive after breakfast. Upon returning to the lodge, watch herds of elephant gather near Keep a keen eye for lion and cheetah – Tanzania's most powerful predators – in their natural habitat on your afternoon drive. (B/L/D)

### TARANGIRE/ARUSHA Sunday, February 10

After breakfast, enjoy a scenic drive from Tarangire back to Arusha.

Continue to the Arusha Coffee Plantation Lodge for lunch. Day rooms have been reserved in the deluxe ARUSHA SERENA HOTEL, RESORT & SPA. This evening, transfer to the airport for your return flight to the U.S. (B/L)

### U.S. Monday February 11

Your return flight arrives today.

*Included meals indicated each day as B/L/R/D = Breakfast/Lunch/Reception/Dinner.*



### What is Included:

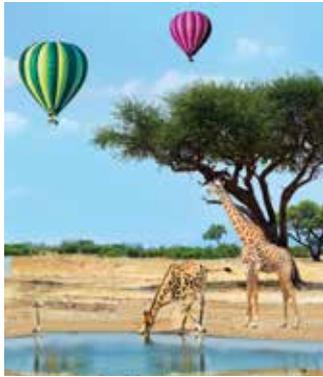
- Program of lectures and discussions with Professors Jetz and Hull.
- Accommodations on double occupancy basis as per the itinerary.
- Privately chartered scenic flight from Arusha to Serengeti National Park.
- Meals as indicated in the itinerary.
- All entrance fees as per the itinerary.
- Services of Travel Director during the tour as per the itinerary.
- Welcome Reception.
- Gratuities to safari drivers/guides on included excursions and transfers.
- Transfers and luggage handling abroad if your arrival(s)/departure(s) coincide with scheduled group transfer(s).
- Taxes on included services.
- Complimentary bottled water provided in individual lodge rooms and safari vehicles.
- Complimentary Wi-Fi aboard safari vehicles.
- Emergency medical evacuation services through UHC Global Assistance.

### What is Not Included:

- Expenses of a personal nature like laundry, telephone/fax calls, Internet, alcoholic beverages, camera/video camera fee at monuments, medical expenses, airport departure tax, etc.
- Any insurance other than specified above.
- Any meals or beverages that are not specified in the above inclusions.
- Gratuities to hotel staff.
- International airfares.
- Expenses caused by factors beyond our control like rail and air plane delays, roadblocks, vehicle malfunctions, political disturbances, taxes, lost luggage, etc.
- Any other services not mentioned in the inclusions.

## WINGS OVER TANZANIA

During your safari, experience an extraordinary way to see the untamed wonders and wildlife of Africa's incomparable landscapes – by air. Our exclusively chartered flight from Arusha to Serengeti is the most scenic and comfortable way to transfer between your farthest destinations, eliminating a long drive over a dusty, bumpy route. Aboard a private aircraft, watch the impressive landscape of Tanzania unfold before you from high above the plains – an aerial perspective unmatched by any other. On ascent and descent, watch for wild animals – stately giraffe, prides of lion, and herds of elephant – from this awe-inspiring vantage point.



## BALLOON SAFARI OPTION

Enjoy a phenomenal aerial perspective during a spectacular early morning hot-air balloon flight as you float over the expansive Serengeti. Take in your captivating surroundings with a bird's-eye view of its magnificent wide plains and wildlife, followed by an English breakfast served with sparkling white wine. Space is limited. Weather permitting.

*The Optional Excursion is available at additional cost. Details will be provided with your reservation confirmation.*

## Program Cost

The base cost of this program is:  
**\$8,935 per person**  
(based on double occupancy)

**Taxes are included.**

Single Supplement:

**\$1,000** (limited availability)

*Note: Itinerary subject to change. Some excursions in this program involve a significant amount of walking.*



## SERENA HOTELS AND SAFARI LODGES

This program has been specially designed to feature Serena Hotels and Safari Lodges that have provided award-winning, deluxe accommodations for over 40 years. Ideally located in the heart of game reserves and lush mountain villages, these lodges immerse you in the largest concentration of wildlife and offer a unique local experience with tasteful, modern facilities.



## MARAMBOI LODGE TENTED CAMP

Spend two nights at the MARAMBOI LODGE TENTED CAMP, ideally located just outside of Tarangire National Park on the shores of Lake Manyara. Enjoy spectacular views across the Great Rift Valley from the comfort of your private, raised-deck tented accommodations, evenings by a roaring outdoor fire, and time to unwind in the lodge's open-air lounge.

*Reserve Your Trip To Tanzania*

Book online : [www.yaleedtravel.org/tanzania19](http://www.yaleedtravel.org/tanzania19)



# Tanzania: *During the Great Migration* January 31 - February 11, 2019

[www.yaleedtravel.org/tanzania19](http://www.yaleedtravel.org/tanzania19)

To register, return this form with your deposit of \$1,000 per person to Yale Educational Travel. Final payment is due November 2, 2018.

1) name as on passport \_\_\_\_\_

date of birth \_\_\_\_\_ yale connection \_\_\_\_\_

passport origin \_\_\_\_\_ relationship to other guest \_\_\_\_\_

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date of birth \_\_\_\_\_ yale connection \_\_\_\_\_

passport origin \_\_\_\_\_ relationship to other guest \_\_\_\_\_

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address \_\_\_\_\_

city/state/zip \_\_\_\_\_

primary phone \_\_\_\_\_

secondary phone \_\_\_\_\_

e-mail \_\_\_\_\_

## Payment Options

pay by check made out to  
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Please charge the deposit of \$1,000 per person to:  
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## Accommodations

preference \_\_\_\_\_

I wish to have a single (limited availability – please call)  
 I will share accommodations with: \_\_\_\_\_

I/We confirm that I/We have carefully read the Terms and Conditions and Responsibility section of this brochure and agree to their terms on behalf of myself and the members of my party named above.

signature(s) \_\_\_\_\_ date \_\_\_\_\_

To reserve, return the above form with credit card authorization or check payable to "Gohagan & Company" to Yale Educational Travel, Association of Yale Alumni, P.O. Box 209010, New Haven, CT 06520-9010. Phone: (203) 432-1952. Fax: (203) 432-0587.



## Terms and Conditions

### MOBILITY AND FITNESS TO TRAVEL

The right is retained to decline to accept, or to retain any person as a member of this trip who, in the opinion of Yale Educational Travel ("YET"), is unfit for travel or whose physical or mental condition may constitute a danger to themselves or to others on the trip without refund. Passengers requiring special assistance, including without limitation those who permanently or periodically use a wheelchair, must be accompanied by someone who is fit and able to assist them, and who will be totally responsible for providing all required assistance.

### CANCELLATION

In addition to airline cancellation penalties, all cancellations for any reason whatsoever will be subject to a \$500 per person cancellation fee through 91 days prior to departure. Cancellation from 90 days up to the time of departure will result in 100% forfeiture of the

entire cost of the trip. All cancellations must be submitted in writing to YET.

### PAYMENT SCHEDULE

A deposit of \$1,000 per person, payable to Gohagan & Company, of which \$500 is nonrefundable for administrative fees, is required with the reservation application. Final payment must be received 90 days prior to departure. Mail to: The Association of Yale Alumni, Yale Educational Travel, Box 209010, New Haven, CT 06520-9010. Or call: 203-432-1952.

Complete Terms and Conditions will be sent after registration and are available at: [www.yaleedtravel.org/faqs](http://www.yaleedtravel.org/faqs)

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# Yale Educational Travel

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Experience Tanzania's majesty by land and air

## Tanzania Safari *During the Great Migration*

**Walter Jetz**

*Yale Associate Professor in Ecology and Evolutionary Biology*

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**January 31 - February 11, 2019**



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**Watch** for the critically endangered black rhinoceros.

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