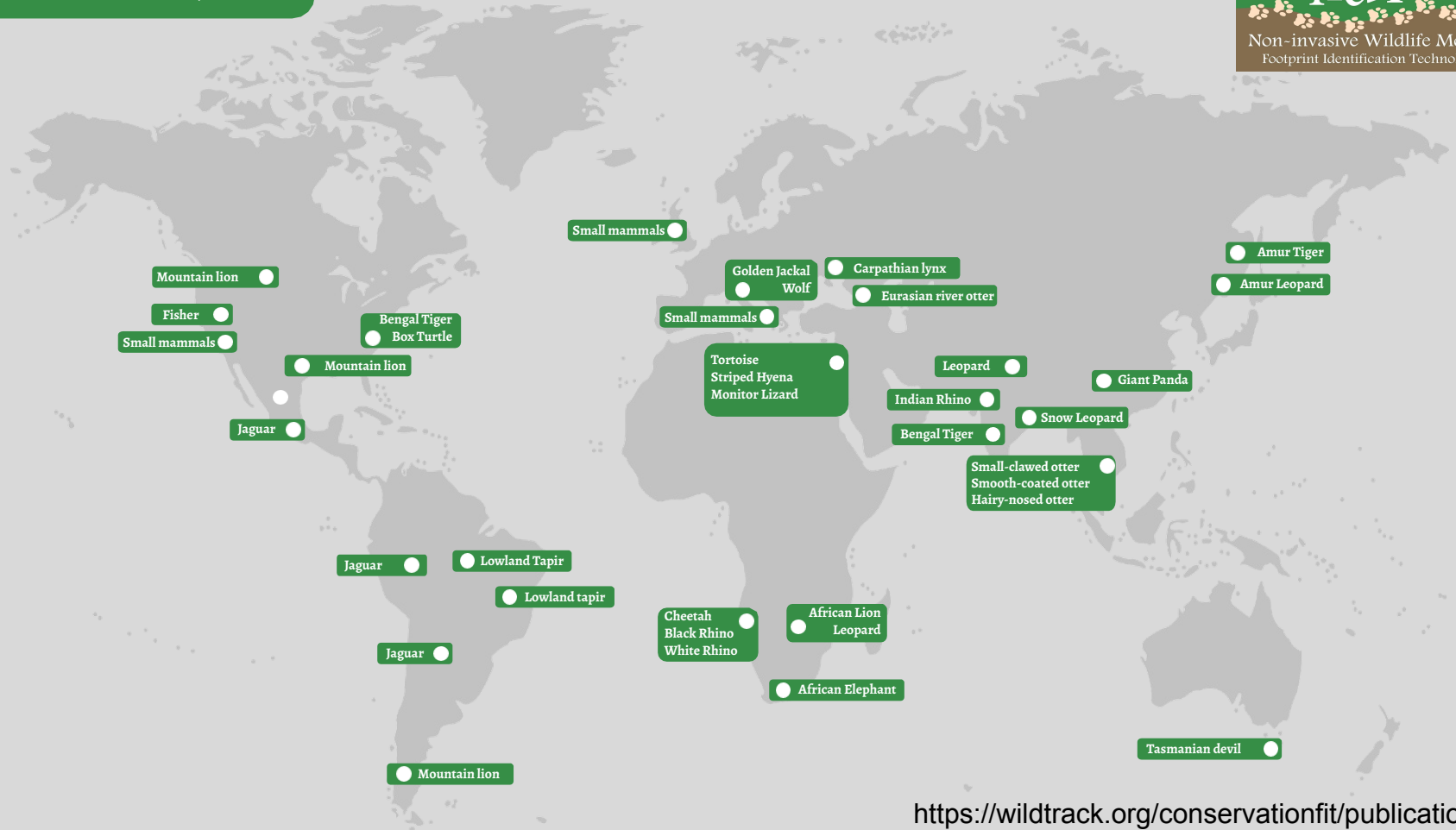# Protecting Endangered Species Using

advanced data analytics
artificial intelligence
traditional ecological knowledge

WildTrack™
Non-invasive Wildlife Monitoring
Footprint Identification Technology FIT™

Zoë Jewell Vet.M.B.
Sky Alibhai D.Phil
WildTrack co-founders

https://wildtrack.org/about-us/contact-us/

WildTrack Projects

Small mammals

Golden Jackal
Wolf

Carpathian lynx

Eurasian river otter

Amur Tiger

Amur Leopard

Mountain lion

Fisher

Small mammals

Bengal Tiger
Box Turtle

Mountain lion

Small mammals

Tortoise
Striped Hyena
Monitor Lizard

Leopard

Giant Panda

Indian Rhino

Snow Leopard

Bengal Tiger

Small-clawed otter
Smooth-coated otter
Hairy-nosed otter

Jaguar

Jaguar

Lowland Tapir

Lowland tapir

Jaguar

Cheetah
Black Rhino
White Rhino

African Lion
Leopard

African Elephant

Jaguar

Tasmanian devil

Mountain lion

https://wildtrack.org/conservationfit/publications

Species footprints variation

Bengal Tiger

Giant Panda

Lowland Tapir

Black Rhino

Eurasian River Otter

Amur Tiger

European Dormouse

White Rhino
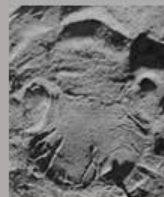
Leopard
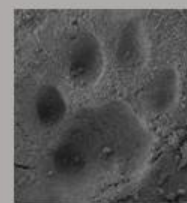
Cheetah

Mountain Lion

African Elephant

WildTrack
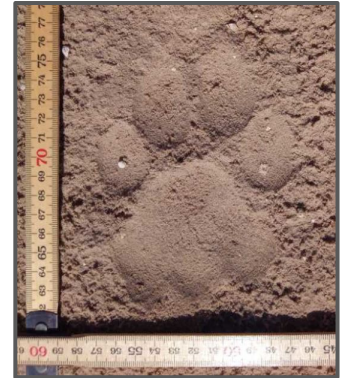
Footprint Identification Technology (FIT)

Winner of the <u>2020 AUVSI XCELLENCE Award</u> for UAV application

Winner of the UC Berkeley <u>2020 Hal R. Varian Award</u> for AI application

Winner of <u>2 Emmy Awards 2019</u> for the documentary 'WildTrack'

Listed in '<u>50 Social Impact Innovations that might Save the World</u>'

<u>Mark Minevich for Forbes: AI for Good is saving the planet...</u>

My colleagues at WildTrack are world leaders in knowing where endangered species are, and what they are doing... and without harassing them. "I recognise the lion by its paw," someone once said (metaphorically) of Isaac Newton. Well, WildTrack recognises species by their paws, inspired by the tracking skills of indigenous peoples and the latest approaches in AI. They are an inspiration to all of us who work on the front lines to ensure that endangered species will be around for future generations.

<u>**Stuart Pimm**</u> **is the Doris Duke Chair of Conservation and Duke University and is the winner of the 2019 International Cosmos Prize.**