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the wildlife trade monitoring network



ROUTES

Reducing Opportunities for Unlawful Transport of Endangered Species

Awareness for Airline and Airport Staff (*Asia Pacific*)
One-hour course

Airline/Airport name here

Location and date of training here

© Erico Hiller



Reducing Opportunities for Unlawful Transport of Endangered Species

November 2018



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C4ADS
innovation for peace



TRAFFIC
the wildlife trade monitoring network



ROUTES Partnership:

Assisting the private sector to respond to the international poaching crisis by targeting how organized criminals move contraband from source to end-use markets.

Goal:

Disrupt wildlife trafficking by reducing the use of legal transportation supply chains.



Reducing Opportunities for Unlawful Transport of Endangered Species

The ROUTES Partnership is supported by USAID

Training Content

This training is divided into four sections:

- *Overview of Wildlife Trafficking*
- *Wildlife Trafficking on Airlines*
- *Identifying Traffickers*
- *What Should You Do?*



Overview of Wildlife Trafficking



Wildlife Trafficking Overview

- Risk to legal transport supply chains
- Why wildlife is traded
- Laws and regulations
- Wildlife trafficking
- Impact and magnitude



Wildlife Trade

LEGAL TRADE

Worth over USD350 billion/year*

WILDLIFE TRAFFICKING

Fourth largest global criminal market
(after illicit drugs, counterfeit goods
and human trafficking)**



Laws and Regulations

NATIONAL LAWS

Every country has laws to protect wild animals and plants from overharvesting.

INTERNATIONAL REGULATIONS



Aims to ensure that international trade does not threaten the survival of wild animals and plants.

Signed by more than 180 countries.



Risks to Legal Supply Chains



Reputation



Legal



Economic



Safety



Why is Wildlife Traded?

Timber



Photograph by JFPerry, distributed under CC-BY-SA-2.0 license



Photograph by anonymous, distributed under CC-BY-SA 3.0 license

Food

Pangolin tail



Social media

查看原图 (143K)

Squirrel



© Sulma Warne / Freeland

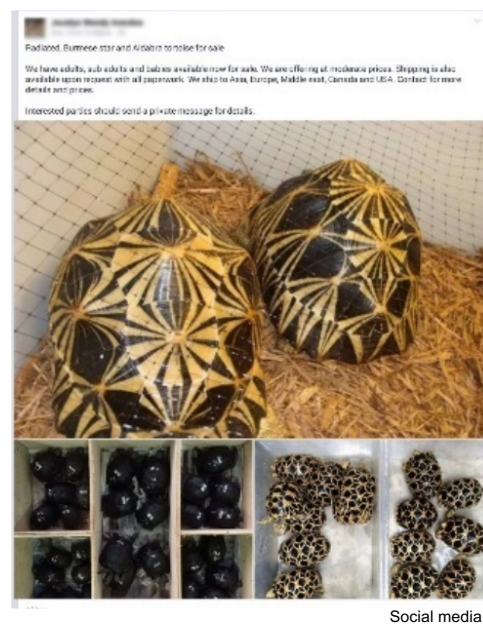
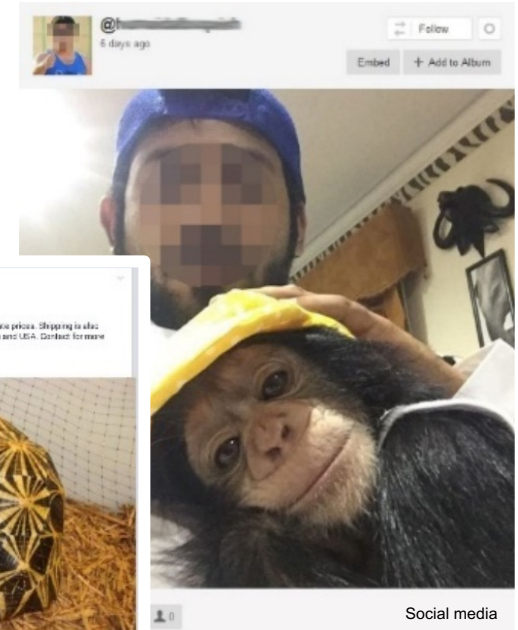


Why is Wildlife Traded?

Medicine



Pets



Why is Wildlife Traded?

Zoos & Collectors



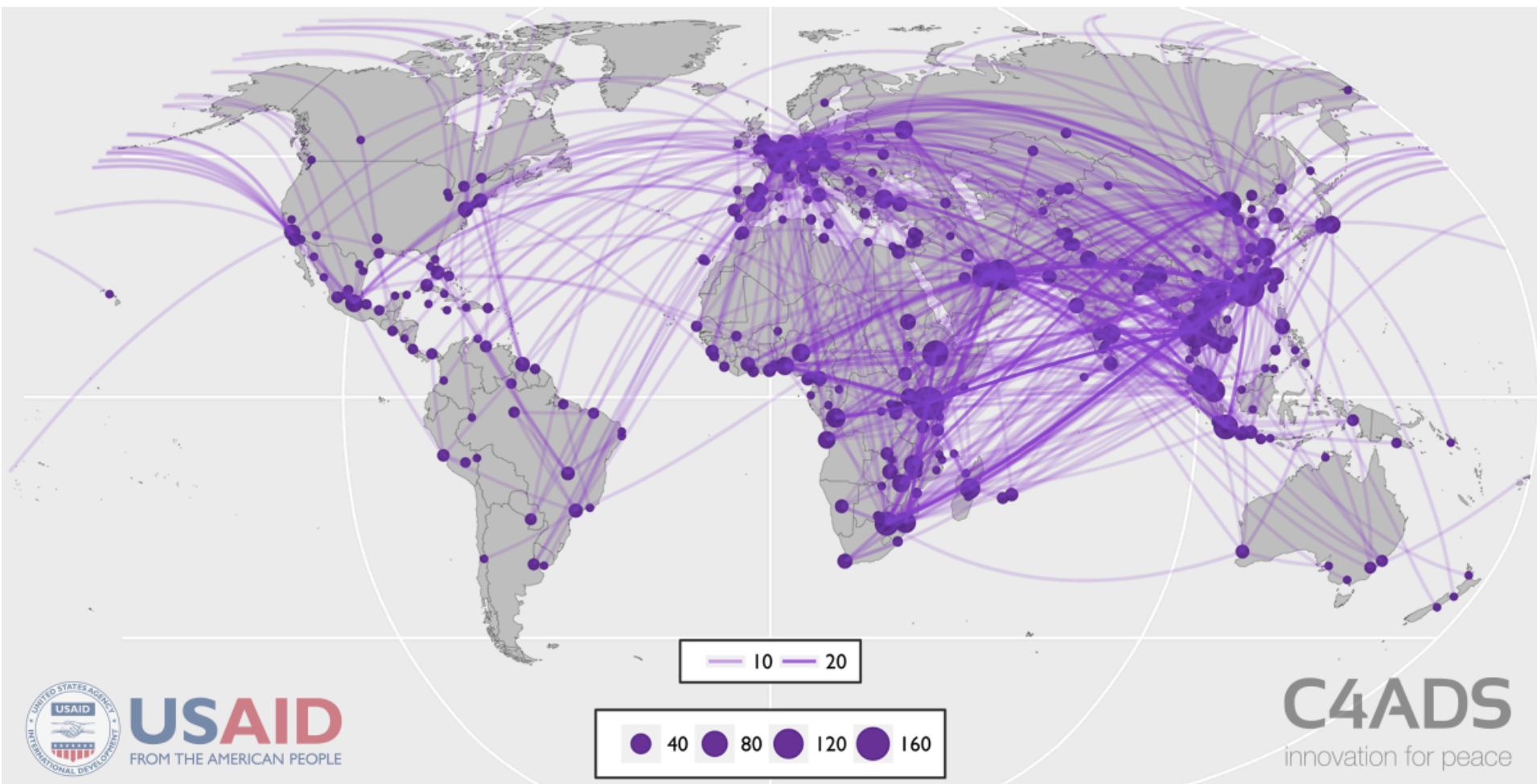
Trophies & Luxury



Helmeted Hornbill and carved beaks



Known air trafficking routes 2009 – 2017



Utermohlen, M. and Baine, P. In Plane Sight: Wildlife Trafficking in the Air Transport Sector. C4ADS and Reducing Opportunities for Unlawful Transport of Endangered Species (ROUTES). August 2018.



Paris to Shanghai



Zimbabwe to Hong Kong, via Amsterdam



Madagascar to Bangkok, via Nairobi



Jakarta to Moscow, via Qatar



Singapore & Indonesia to Italy

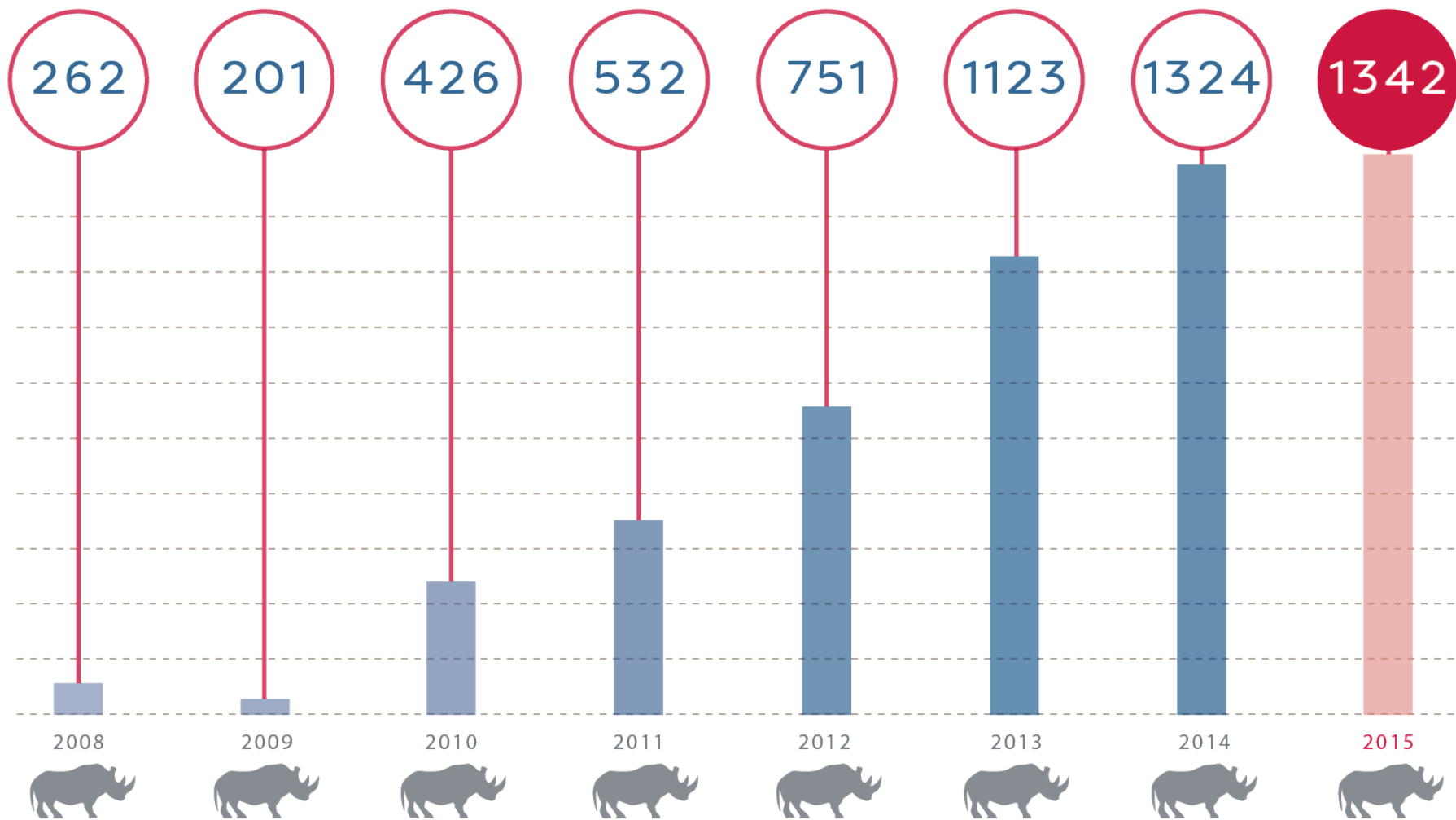


Viet Nam to U.S.A.



Number of Rhinos Poached

Reported African Rhino Poaching Mortalities 2008 - 2015





55
ELEPHANTS ARE
KILLED
EVERY DAY

20,000
A YEAR*

© Freeland



Reducing Opportunities for Unlawful Transport of Endangered Species

IMPACTS OF ILLEGAL WILDLIFE TRADE

Threat to national security and stability

Loss of tourism and income

Risks to environmental & global health

Supports corruption and organized crime

Unpaid government revenue and Taxes



LOW RISK



Criminal
High reward

HIGH RISK



Frontline Officer
Low reward

1,000+ rangers killed in the
last ten years



How is wildlife trafficked?

By AIR



© Operation Cobra - Tanzania

By SEA



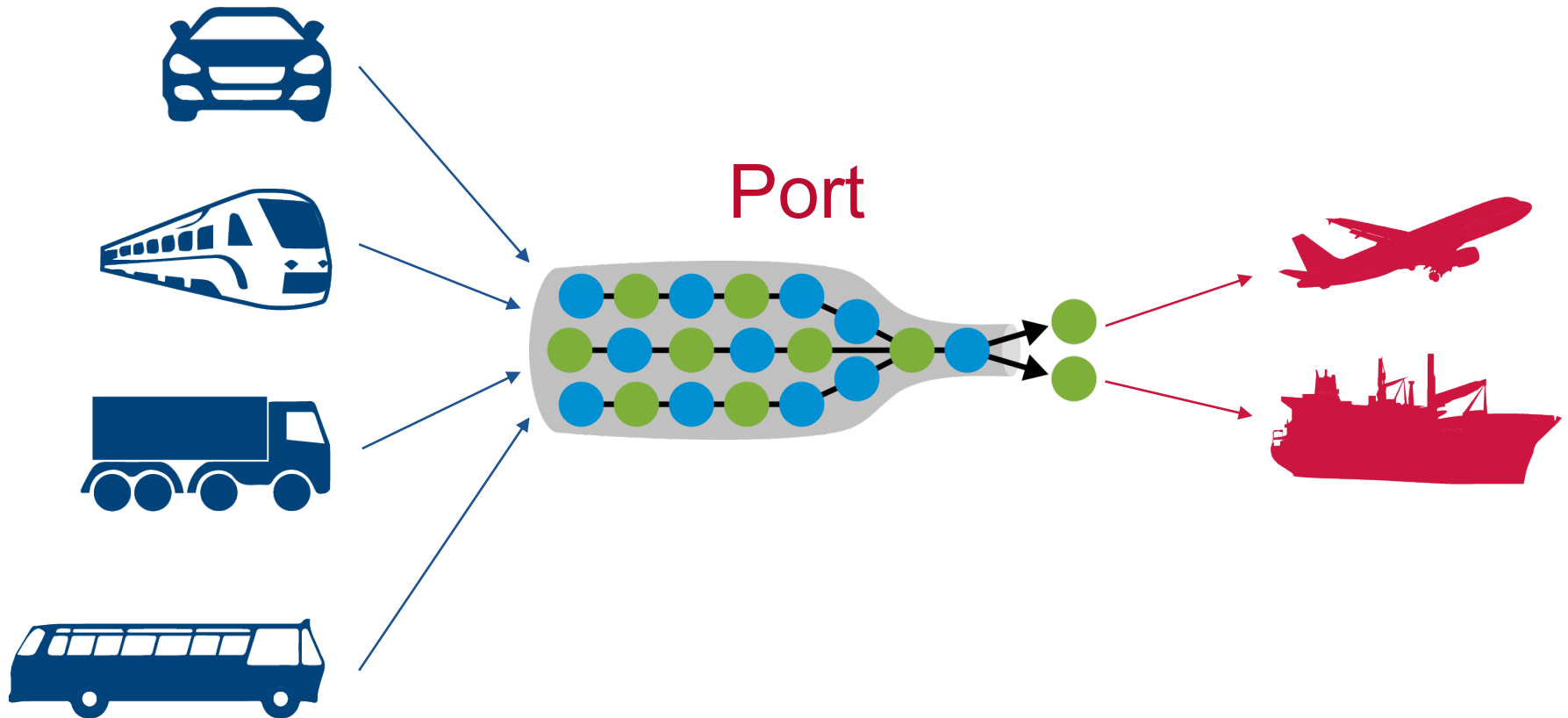
By LAND



The Importance of Transport Networks

Overland

Air and Sea



Wildlife Trafficking on Airlines





- Working to combat wildlife trafficking
- Taskforce aims to examine the role of the transport industry
- Has denounced the illegal trade in wildlife and wildlife products
- Has developed a pledge for the transport industry



Wildlife Trafficking on Airlines Overview

- Why wildlife traffickers use airlines
- Wildlife smuggling by air
- Wildlife trafficking routes



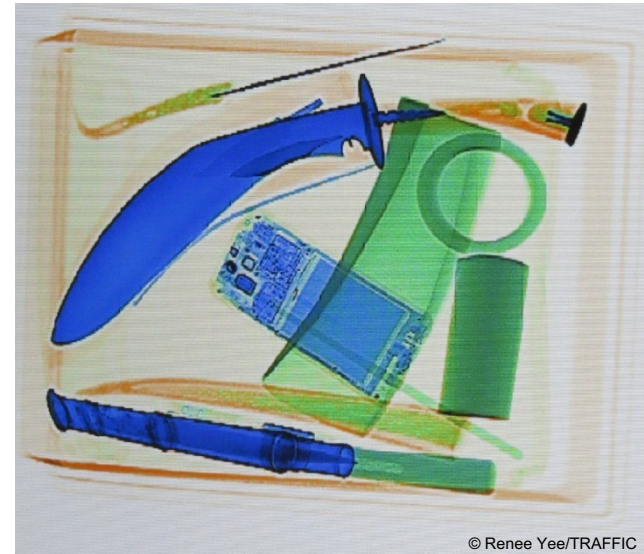
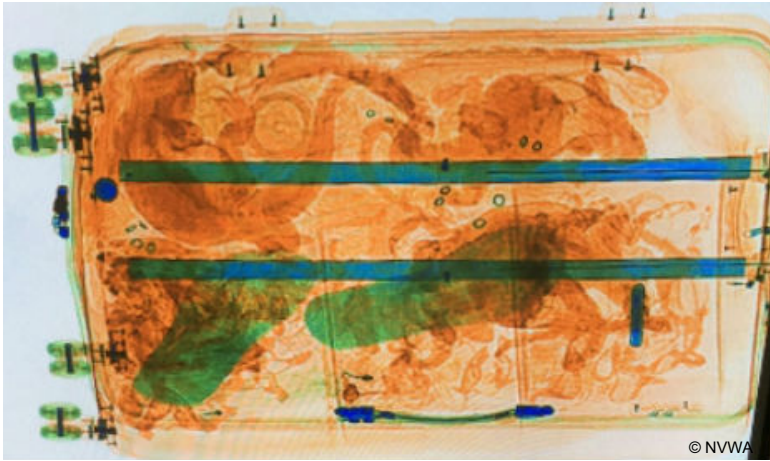
Why Wildlife Traffickers use Airlines



- Fast
- Convenient
- Cheap
- Small chance of getting caught
- Corruption



Wildlife Smuggling by Air



Reducing Opportunities for Unlawful Transport of Endangered Species

Wildlife Smuggling by Air

Passenger airlines

- Small shipments
- High value
- Live animals
- Light products
- In carry-on/check-in baggage
- On passengers.



Air cargo carriers & couriers

- Larger shipments
- Live animals, parts & products



Wildlife Smuggling by Air

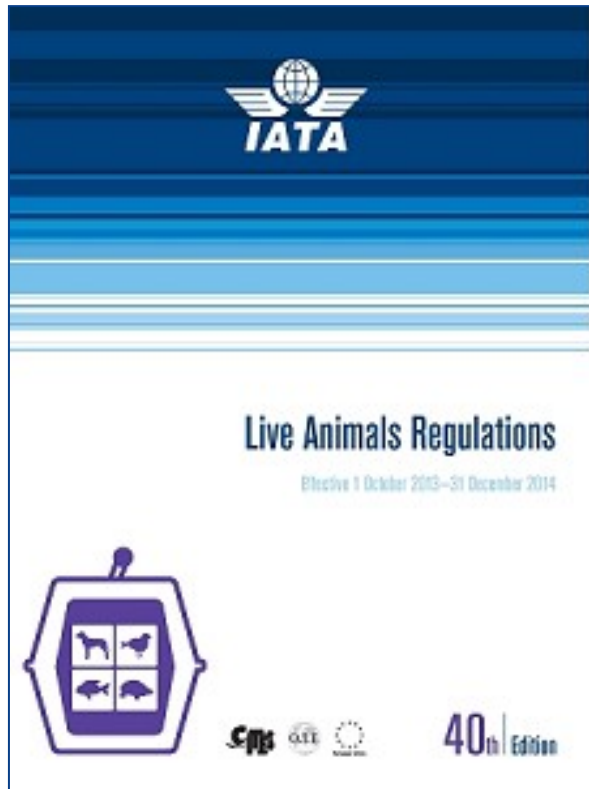
Products and Parts



Live animals



Live Animal Transport – IATA



**The transport of live animals
by air must comply with the
International Air Transport
Association's
Live Animals Regulations**



main
concept



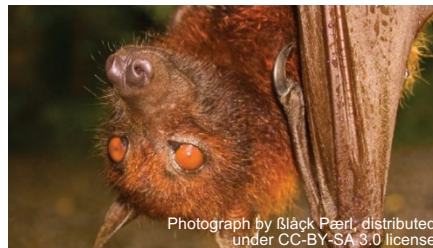
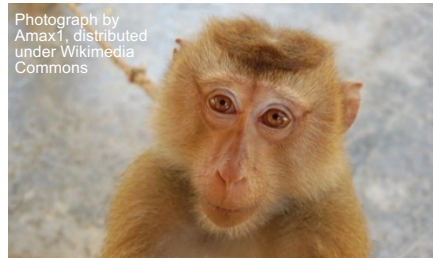
Reducing Opportunities for Unlawful Transport of Endangered Species

High Risk

DISEASE

Primates

(apes and monkeys)



Carnivores

(civets and cats)

Birds

Bats

POISON / DANGER



Identifying Traffickers



Detect Wildlife Trafficking



Detect



Protect



Respond



Report



Identifying Traffickers Overview

- How wildlife is smuggled
- Identifying wildlife traffickers
- What to look for



Wildlife traffickers move wildlife by air in four main ways:

- Hidden on their body
- In personal baggage (check-in or carry-on)
- Air cargo
- By post or courier



Here are some examples...



Wildlife Smuggling – On the person



© UK Border Agency CITES team

© Australian Customs Service

© Hong Kong Customs



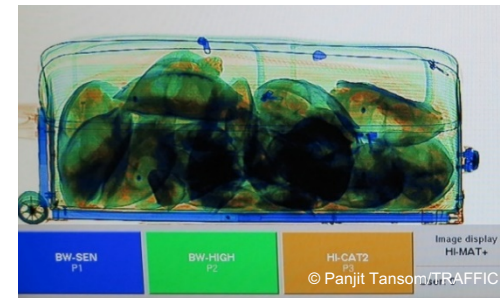
Reducing Opportunities for Unlawful Transport of Endangered Species

Wildlife Smuggling – In baggage

Carry-on



Check-in



Wildlife Smuggling

Cargo



Post or Courier



Wildlife Smuggling

Disguised



Case study – On the person

- **Jakarta, Indonesia to Kuwait, via the U.A.E.:** Two baby gibbons.
- Suspect bandaged the apes to her leg and hid them underneath her long cloak (*abaya*)



The image shows a screenshot of a news article from Detiknews. The article title is "Wanita Kuwait Cantik Ini Ditangkap karena Selundupkan Hewan Langka di Betis" (A Beautiful Kuwaiti Woman is Caught for Smuggling Rare Animals in Her Underwear). The author is Edward Febriyatri Kusuma. The article includes social media sharing icons for Facebook, Twitter, and Google+, and a comment count of 19. A photograph shows a woman in a hijab sitting on a green chair, holding a small animal. The text below the photo describes the incident: "Jakarta - Usaha penyelundupan dua Owa Jawa (Hylobatidae) oleh Warga Negara Kuwait Tamila F Basmanova berhasil digagalkan. Wanita cantik itu nekat membawa owa di betisnya. Kok bisa? Informasi yang dihimpun, terungkapnya penyelundupan hewan langka Indonesia itu berkat ketelitian petugas mesin X-ray di Bandara Soekarno Hatta, Tangerang. Setelah



Case study – Hand carry baggage

- **Abidjan to Hong Kong, via Dubai:**
26kg ivory products
- Hidden in tailor-made vests, inside hand baggage



Case study – Check-in baggage

- **Angola to Paris, en route to Viet Nam**
- 26 elephant tusks, 142kg ivory
- Ivory covered with ‘sealant’ in suitcases



Video screenshots taken from <https://youtu.be/N4OnaKv0fHk>



Case study – Cargo

- **Entebbe, Uganda to Singapore via Abu Dhabi**
- 500 kg ivory sent as cargo
- Ivory hidden in four metallic drums, labelled as shea butter



© Tom Milliken/TRAFFIC



Case study – Post

- **Malaysia to Taiwan: Fifteen endangered turtles smuggled in sports shoes**
- The parcels arrived on a FedEx flight



The screenshot shows a news article from Taiwan News. The main headline is "15 endangered turtles found smuggled in shoes: Taiwan Customs". Below the headline, it states "The turtles were turned over to a wildlife center in northern Taiwan". The article is attributed to "By Matthew Lubin, Taiwan News, Staff Writer" and dated "2017/03/15 19:38". A photograph of a turtle is shown with the caption "Angonoka tortoise (courtesy Forestry Bureau)". To the right of the article is a "MOST POPULAR" sidebar with several news items, including "Rain Apocalypse: Video and prices of yesterday's mega rain in Taiwan", "Wife gets student convicted of adultery for affair with her husband", "Fire breaks out at Hess English cram school's HQ", "Shangri-La's Far Eastern Plaza Hotel Taipei launches Philippine Food...", "Taiwanese to receive one fewer day off from work for 2018", "Car shot 13 times before stopping its prison in New Taipei", "Black rapper 'Famous' releases music video shot in Kaohsiung", and "Half Taiwanese, Half White: Growing up between two cultures".



Case study – Post

- **Indonesia to Australia: Biosecurity inspectors at Melbourne's international mail facility discovered 13 live snakes in a package.**
- **Boxes were marked as "mixed powder"**



ABC NEWS
Just In Australia World Trump's America Business Sport Science Arts Analyst

Rural Horticulture Livestock Fibre Grains Mining M

Social coverage China Power Communist cash, Australian politics and the battle for influenza

Snake smugglers thwarted by Melbourne biosecurity officials

ABC Rural By Anna Vidot
Updated 24 June 2015 at 1:22 pm
First posted 24 June 2015 at 9:12 am

Biosecurity inspectors at Melbourne's international mail facility have been given a rude shock, discovering 13 live snakes hidden in a package from Indonesia.

The snakes were found as part of routine inspections last Saturday, after being mailed in boxes marked "mixed powder".

Department of Agriculture head of pathway compliance, Nicola Hinder, said it appeared the animals had been smuggled into Australia for sale as pets or breeding stock, and posed a high biosecurity risk.

All 13 snakes were euthanised.

"This detection of concealed and illegally imported snakes, sent from Indonesia, is a clear attempt to get around the rules that are in place to protect us all," Ms Hinder said.

"Where we find intentional non-compliance like this, we investigate and seek to apply the full force of the law.

"I want to warn those involved in this failed importation, or thinking about using the mail to bring in animals, that that we aim to find you and hold you to account."

The Department of Agriculture said it was still investigating the circumstances of the discovery.



Snakes detected by biosecurity officials at Melbourne's international mail facility. (Department of Agriculture)



Thirteen Indonesian snakes euthanised at Melbourne's international mail facility. (Department of Agriculture)



Additional Case Study Examples

- Bangkok, Thailand to Chennai, India
6 tortoises, 3 Meerkats in suitcase - 4 May 2017
- From Malaysia and Indonesia seized in Jinan, China
2,800 dead butterflies (labeled as 'dresses') - 14 April 2016
- Viet Nam to Houston, Texas, USA
Seahorses found in passenger baggage - 1 March 2016
- Manila, Philippines to Japan
47 animals in Styrofoam boxes (labeled as aquatic plants) - 30 Jan 2016



WHAT YOU CAN LOOK OUT FOR



Trail of the Trafficker

PASSENGER
START
of the journey



Passenger check in

Passenger transit

Security check

Hand luggage
check & scan

Passenger scan

CARGO
START
of the journey



Ground staff baggage
control

Luggage scanned

Cargo in transit

Ground crew load
luggage

Passengers and
cargo on board

Flight en route

END
Passenger is
arrested and
sent to jail.
Cargo is
confiscated



Luggage scanned

Cargo arrives at
destination airport

Customs find passenger in possession
of illegal items. Customs find cargo with
smuggled wildlife products

Passport control

Passenger arrives at
destination airport



What you can look out for



Check-in

- Unusual route and connections
- baggage smells unusual



Security

- Clothes too big
- Wrong clothes for climate
- Multiple connection boarding passes



What you can look out for



Scanner

- Unusual smell or movement
- Contents not as expected
- Scan shows organic items or ivory



Immigration

- Abnormal travel
- Nervous passenger



What you can look out for



Cargo Handler

- Origin doesn't match declared contents
- Air holes where none needed



Ground Staff

- baggage/cargo moving
- baggage/cargo smells
- baggage/cargo makes noise
- Unusual/multiple connection tags



What you can look out for



Cabin Crew

Passengers who:

- Don't eat or move
- Are very nervous
- Smell unusual
- Wear baggy clothing



Customs

- Tip offs
- Known trafficking routes
- Frequent checks
- Passengers and small bags that might conceal wildlife

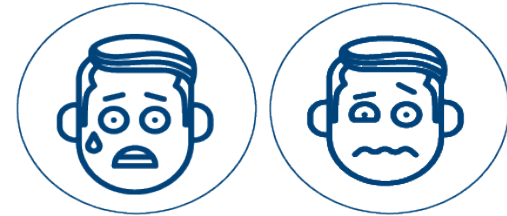


Remember!



Inappropriate Clothing

- Wrong clothes for climate
- Baggy clothing
- Clothes don't match occupation



Involuntary Responses

- Sweating, dilated pupils
- Avoids eye contact
- Nervousness
- Shaking & twitching



Remember!



Nervous Body Movements/Speech

- Adjusts clothing/jewelry
- Talks fast
- Delayed responses
- Repeats questions



Use Your Senses

- Unusual smells
- Animal sounds/noises
- Moving clothing



WHAT SHOULD YOU DO?



ROUTES video



How Aviation Staff Can Help Stop
the Illegal Wildlife Trade



PLAY

Minimize your risk

- Risks of handling wildlife
- Minimize risks to protect yourself and others
- Reporting wildlife crime
- Tip offs work!



Don't handle smuggled wildlife



© Australian Customs Service



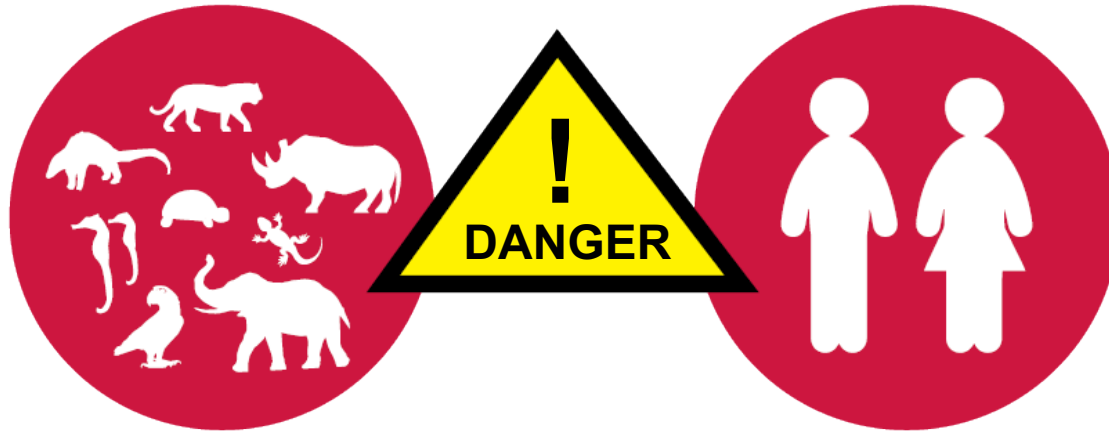
© TRAFFIC



© Adrian Pingstone/Commons Wikimedia



Protect yourself



- Rabies
- Ebola
- SARS
- MERS
- Tuberculosis
- Anthrax
- Plague
- Salmonellosis

- Lyme disease
- Monkeypox
- Hantavirus
- West Nile Virus
- Tularemia
- Avian influenza
- Brucellosis



Goggles



Mask



Rubber boots



Gloves



Support prosecution

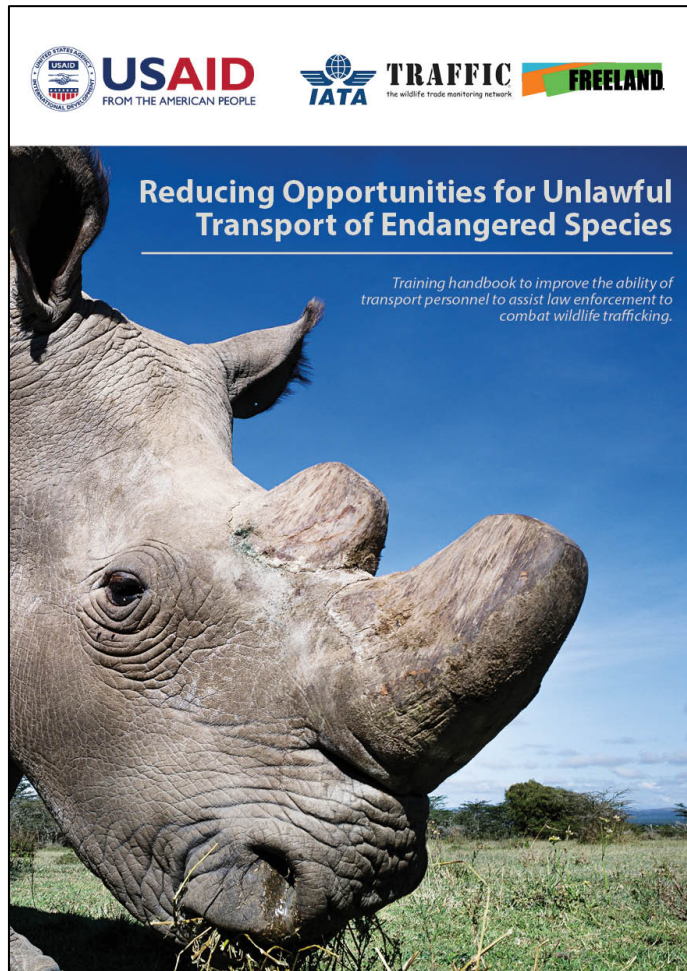
Protect items which could be used to help investigations and prosecutions:

- Don't let unauthorized personnel remove any items (e.g. baggage tags, documentation etc.).
- Give any photos to the authorities to help their investigation.
- Wear gloves if you are involved in the investigation.

If you are unsure, seek advice.



Report Wildlife Crime



Insert appropriate contact number/s
here



YOUR LOCAL CONTACTS

- Customs
- Airport
- Police
- Wildlife Department
- Animal Quarantine
- Airport Security
- Etc.



Tip offs do work

Record Seizure 18 rhino horns



The image is a screenshot of a news article from the website PHYS.ORG. The article is titled "S.Africa arrests two Vietnamese with record 41kg of rhino horns" and is dated November 1, 2014. The main image shows a cache of 18 rhino horns, which are large, curved, and light-colored, arranged on a tiled floor. The article text below the image states: "A cache of 41kg of smuggled rhino horns is seen at O.R. Tambo Airport in Johannesburg after it was confiscated from two Vietnamese passengers on a flight to Hanoi from Mozambique." Below the article text, there is a caption: "Two Vietnamese men were arrested at Johannesburg airport with a record haul of 18 rhino horns, weighing 41 kilos (90". The article also features social media sharing options for Facebook, Twitter, and Reddit, along with a "Submit" button.

South African authorities stop plane
after tip off from airport staff

Notorious smuggler 14 Peregrine Falcon eggs



Suspicious passenger activity led to
tip off at Birmingham Airport, UK





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THANK YOU

<https://routespartnership.org>



Reducing Opportunities for Unlawful Transport of Endangered Species

Report Wildlife Crime

**Insert appropriate contact number/s
here**

YOUR LOCAL CONTACTS

- Customs
- Airport
- Police
- Wildlife Department
- Animal Quarantine
- Airport Security
- Etc.



Additional Slides



Indonesia to China



Tanzania to Beijing, via Zurich



Case study – Check-in baggage

- **Viet Nam to Singapore: Twelve endangered songbirds discovered in white plastic containers**
- **Hidden in clothing in suitcases**



Case study – Cargo

- **Nigeria to Ha Noi, Viet Nam: 309kg ivory seized at Noi Bai International Airport**
- Transported in container labeled as glass

VN EXPRESS INTERNATIONAL The most read Vietnamese newspaper International Code

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News

309 kilos of suspected ivory seized in Hanoi

By VnExpress October 2, 2016 | 11:11 am GMT+7



The suspected ivory found at Noi Bai airport on Saturday. Photo by VnExpress/Bon Duong

Around 309 kilograms of what are suspected to be elephant tusks from Nigeria were seized at Noi Bai Airport on Saturday.



Case study – Baggage

- **Africa to Ho Chi Minh City, Viet Nam, via Qatar: 2kg rhino horns in passenger suitcase**
- **Horns were cut into pieces and hidden in milk powder cans**



The image shows a screenshot of a news article from Thanh Nien News. The article is titled "Man caught with 4 rhino horns at Vietnam airport" and is categorized under "Society". The author is identified as "Dien Huy" and the date is "Sunday, July 31, 2016 17:56". Below the text is a photograph showing several pieces of rhino horn cut into small, white, cylindrical pieces, which are hidden inside a red plastic basket. The basket is placed on a table next to a blue container of "Mama" brand milk powder and a black suitcase. The caption below the photo reads: "Rhino horns are cut into pieces and hidden in milk powder cans. Photo provided by Customs Office".



Case study – Check-in baggage

- **Bangkok to Japan:**
Don Mueang International Airport officials found twelve otters, five owls and three hawks in checked in baggage
- **Suspect was on his way back to Japan**



By checking the bar code stickers on luggage containing live wildlife, found that The owner of the luggage named the passenger is Mr. Kazashi Yamamoto, 57, Japanese nationality. Hold a passport number TR 4759229 invite the investigator to accept that. Luggage is their own To return to Japan, which later Mr. Pakpong Phaitong forestry officer skillfully. Chief of Don Mueang Airport Wildlife Sanctuary Is accusing Mr. Kazakis in accusations under The Conservation and Protection of Wild Animals Act 1992, sent the Don Mueang Investigation Officer to conduct a criminal case at 345/2560 and seized 195/2560 by all wildlife officials.



Case study – Wildlife in transport cages

- **Indonesia to Belgium: 8 Binturongs, 2 Red Giant Flying Squirrels and 1 Echidna**
- The animals arrived in transport cages and were not
*microchipped



The screenshot shows the website of Natuurhulpcentrum vzw, a wildlife rescue center. The page features a navigation menu with links for Home, Natuurhulpcentrum, Wild animals, Actions & Events, How to help?, L-shop, and Media archive. A search bar is located in the top right corner. The main content area displays a news article titled "Seizure Indonesian mission" dated 01/12/2017. The article text states: "The Wildlife Rescue Center today revealed the only solution for 11 animals already stayed 72 hours in their transport cages." and "The border inspection of the FASFC (Federal Agency for the Safety of the Food Chain) today held at Zaventem airport against a transport of exotic animals from Jakarta. It was about eight bear martens, 2 tapoons (red giant flying squirrels) and one echidna." A small image of a person holding a small, spiny animal (likely an echidna) is visible on the right side of the article. A sidebar on the left shows a year-based navigation menu from 2009 to 2017.

* *Not microchipped, so health and other documents were deemed invalid*