

Supporting people to save wildlife - Zoos Victoria's commitment to international wildlife conservation

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Zoos Victoria (ZV):



- Statutory authority reporting to Victorian Minister for Energy, Environment & Climate Change.
- Manage Victoria's three public zoos – Melbourne Zoo, Healesville Sanctuary and Werribee Open Range Zoo.
- Zoo-based conservation organisation.
- Mission – *fighting extinction* to secure a future rich in wildlife.
- Wildlife Conservation & Science Department – Threatened Species and Community Conservation.
- Increase wild populations and reduce threats - research.



International conservation at ZV:

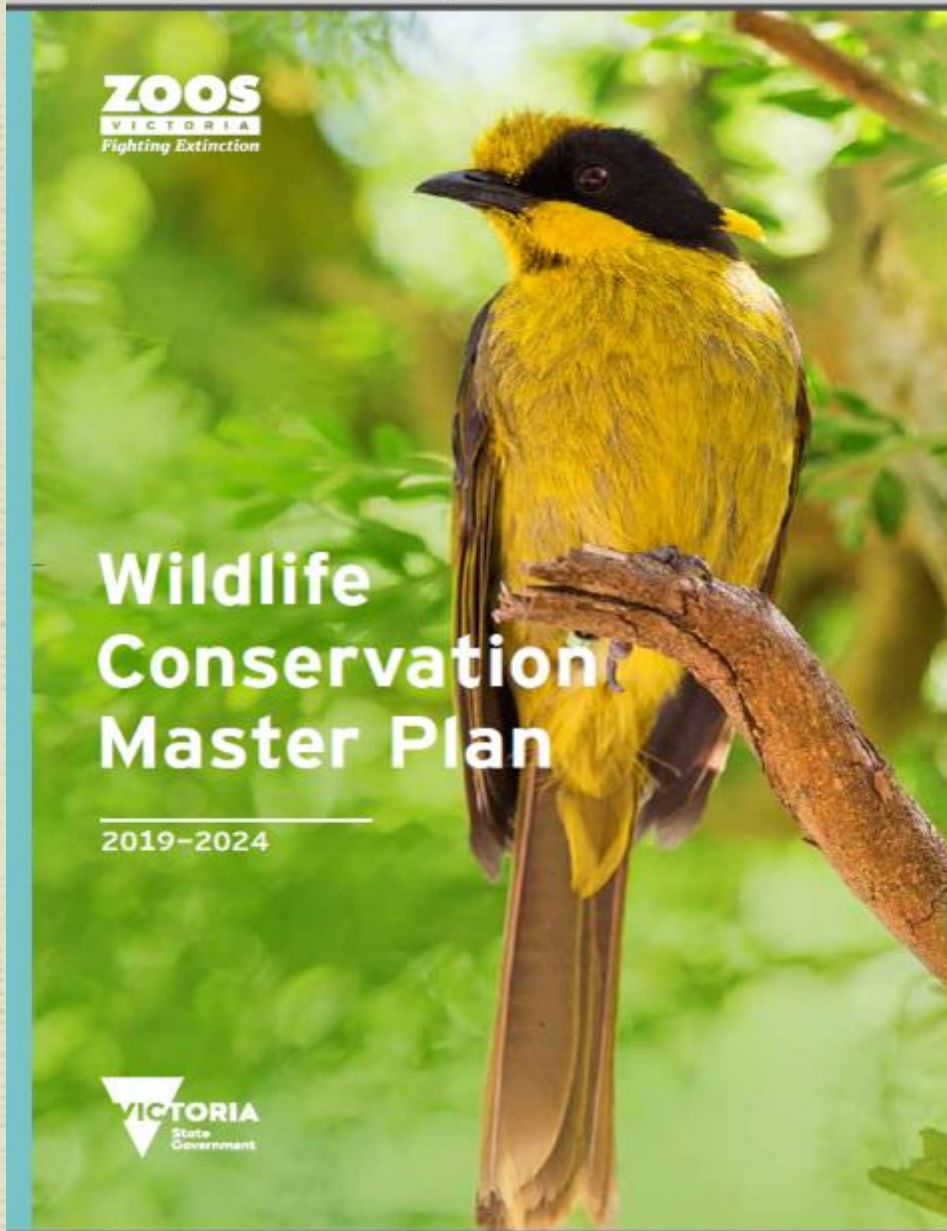
1. Supported wildlife conservation overseas since early 1990s.



Saving Romer's tree frog in Hong Kong when new airport was built



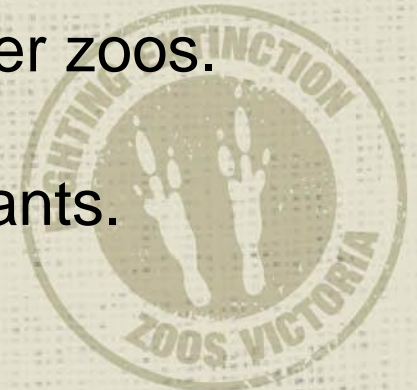
2. Progressively refined to focus on fewer programs, with greater outcomes, and a partnership approach.



ZV's Wildlife Conservation Master Plan for 2019-2024.

Increased contribution to international conservation:

- Six international partnerships.
- Three sister zoos.
- Annual grants.



For international conservation, ZV focuses on three regions, each aligned with the overall theming and animals in our care at one of our three zoos:

1. South-east Asia and Melbourne Zoo (partnerships in):

- Philippines
- Vietnam

2. Oceania and Healesville Sanctuary:

- Papua New Guinea
- French Polynesia

3. Sub-Saharan Africa and Werribee Open Range Zoo:

- Uganda
- Rwanda



Wildlife AND people:

- Measurable outcomes for wildlife and people a key criterion for ZV.
- Threats facing wildlife are all caused by people, knowingly or unknowingly - >> solutions ultimately rest with people.
- Wildlife conservation is really a people issue.
- Supporting/strengthening a sustainable future for wildlife and people, and respect for nature.



South-east Asia: Philippines – Mabuwaya Foundation:

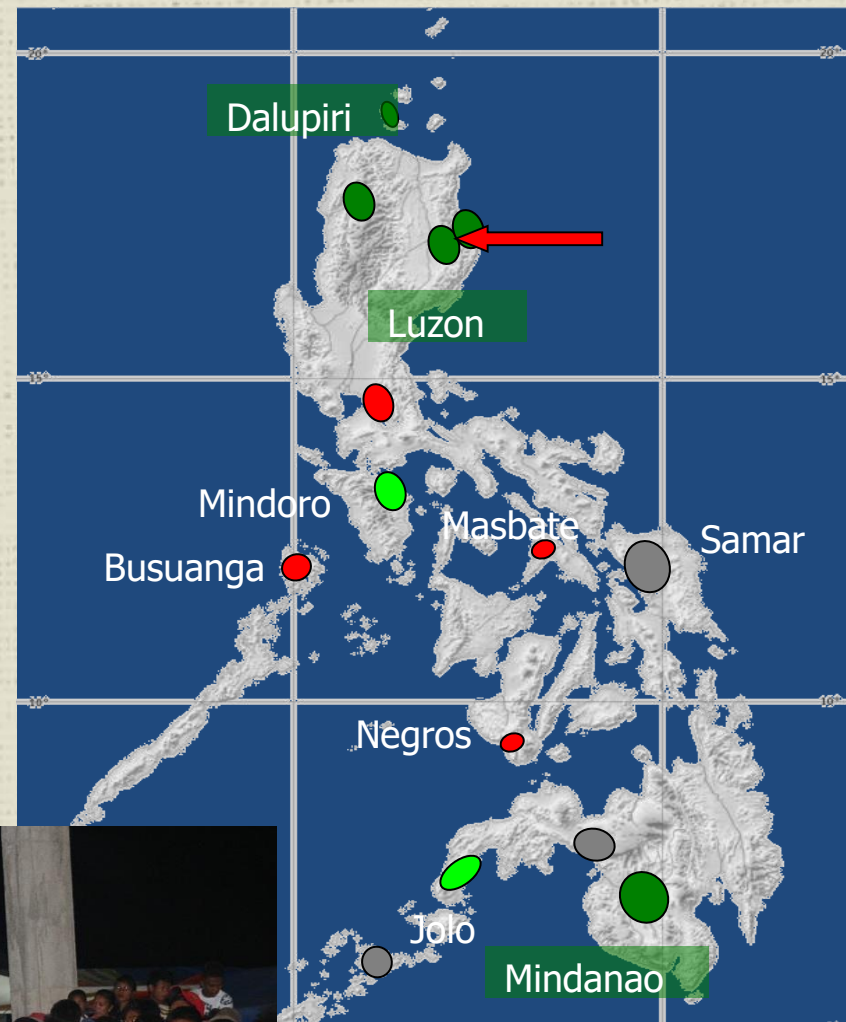
- Main focus is Philippine Crocodile – most endangered species of crocodile in the world.
- Single wild population safe to study & access, far north Luzon Island.
- Increasing crocodile numbers (?) and sanctuaries.
- Strong community involvement.
- Saving other species – Isabela Oriole.



Mabuwaya Foundation:



Freshwater
species reaching
2.5m total length



2 wild populations
– Mindanao Is in
the south and
Luzon Is in the
north



Priorities for 2021-2024:

- Captive-breeding & release to boost wild numbers.



Priorities for 2021-2024:

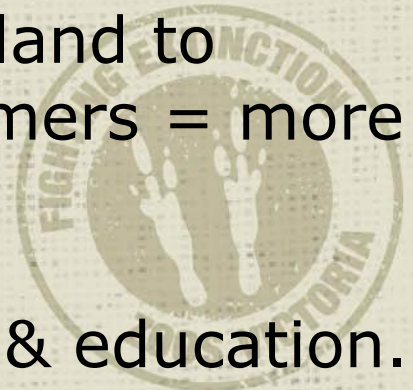
- Mitigate habitat loss and human-crocodile conflict.



Oceania: Papua New Guinea – Tree Kangaroo Conservation Program:



- Primary species focus: Matschie's Tree Kangaroo.
- Huon Peninsula, north-east PNG.
- 76,000ha YUS Conservation Area: Yopno-Uruwa-Som.
- ZV focus is conservation coffee project within the Community Livelihoods Program.
- Farmers join coffee project and allocate land to Conservation Area >>> more coffee farmers = more protected habitat & benefits to wildlife.
- Villager income >>> ↑ access to health & education.



Tree Kangaroo Conservation Program:



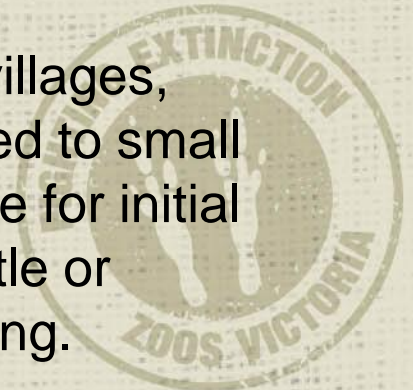
Very rugged mountain terrain

Matschie's Tree-kangaroo –
2,000-3,000 metres altitude.



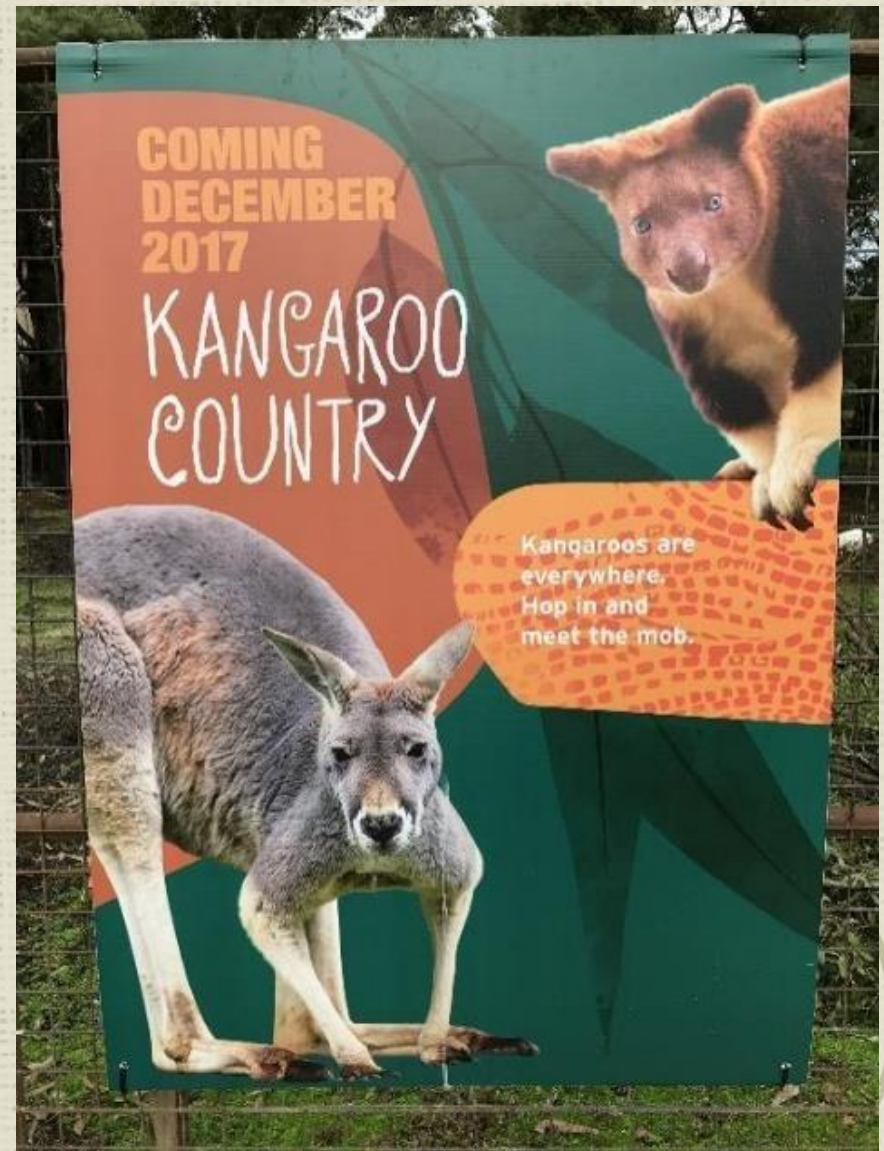


Coffee grown near villages,
harvested and walked to small
airstrips, flown to Lae for initial
milling; then to Seattle or
Melbourne for roasting.





YUS coffee on sale at ZV retail
and program profiled at
Healesville Sanctuary



Sub-Saharan Africa: Uganda – Rhino Fund Uganda

- Protecting Southern White Rhinos in 7,000ha Ziwa Rhino Sanctuary.
- Goal is to re-establish rhinos in Uganda – last rhino in Uganda killed in 1983.
- Extensive community engagement – schools, local villagers, government, etc.
- Protecting other species and wetlands.



Rhino Fund Uganda

ZOOS



No dangerous species in the Sanctuary allows for rhino trekking with the RFU rangers.





Cattle farmers warn of strangers in district.

RFU rangers name accommodation after Zoos Victoria rhino



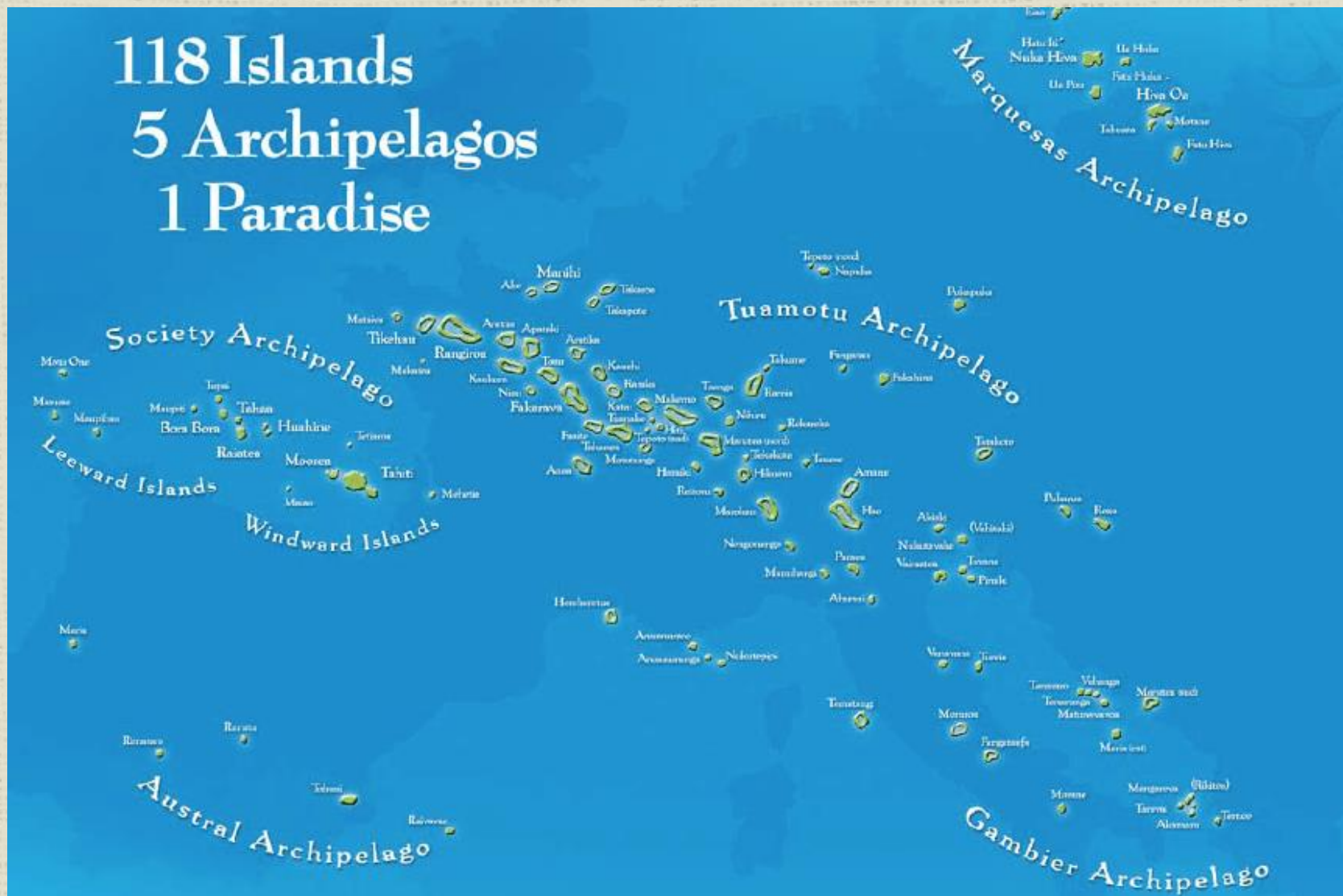
Oceania: French Polynesia – Soci t  d'Ornithologie de Polyn sie (Manu)

- Overseas territory of France - about 130 islands and atolls in five archipelagos scattered over more than 5 million km² in South Pacific.
- 13 Critically Endangered or Endangered birds (some close to extinction)
- Huge range of introduced species – cats, rats, ants, birds (Indian Mynah & Red-fronted Bulbul) and many plants.
- Good analogues at Healesville Sanctuary.



Societie d'Ornithologie de Polynesie (Manu)

118 Islands
5 Archipelagos
1 Paradise



Priorities: Fatu Hiva & Tahiti Monarchs, and Niau & Marquesas Kingfishers

ZOOS



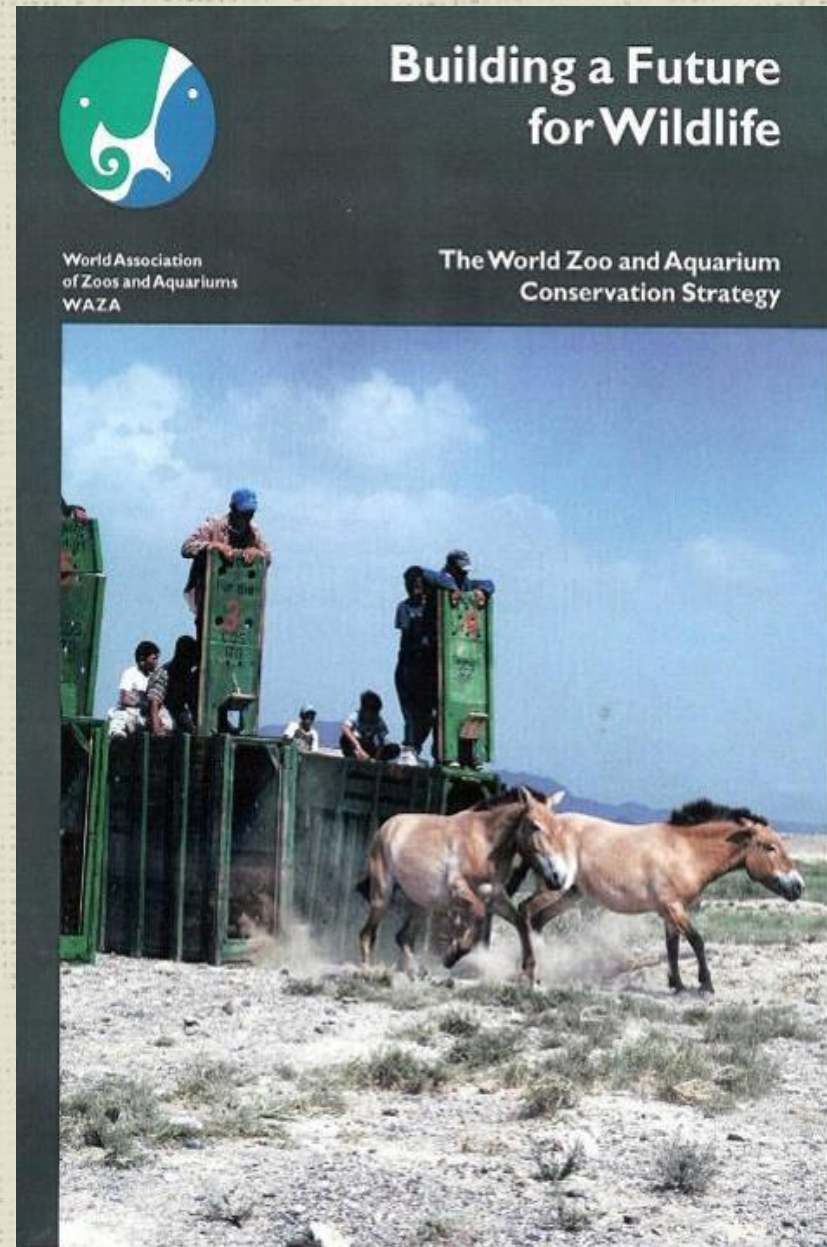


Rehabilitating habitat, monitoring wild birds and preventing arrival of introduced pests, e.g. Black Rats



Sister zoos:

- “Well-resourced, leading zoos should develop partnerships with under-resourced but well-intentioned institutions” (WAZA, 2005).
- Sharing skills, experience, etc. in all facets of zoo operation & management.
- ZV budgets for staff travel & accommodation, not capital developments at sister zoo.
- Both parties benefit.



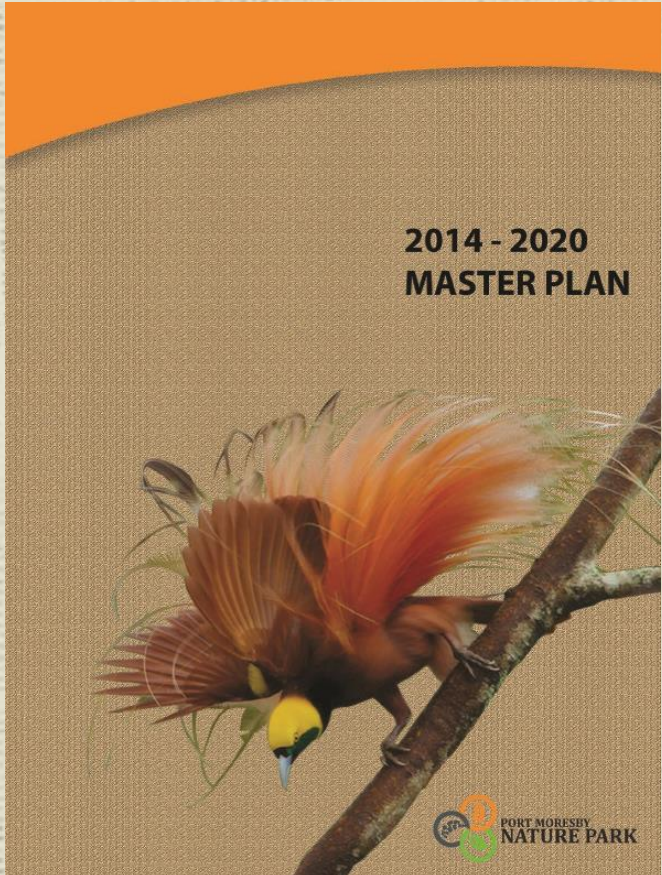
Zoos Victoria – Port Moresby Nature Park

- Only PNG zoo institution committed to improvement and supporting education and conservation.
- Staff visits.



- 750% increase in student visits/learning outcomes.
- Platform for wider community engagement across Port Moresby – 50,000 trees.
- High biodiversity, but many challenges.







30 staff participated in sister
zoo partnership from 2013-
2019.



International Grants

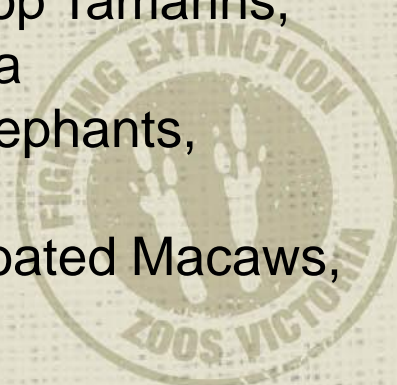
- 12 months – current round ends November 2020.
- We look for projects demonstrating measurable outcomes for wildlife and people.
- Preferentially support projects targeting species or good analogues in ZV animal collection.
- 29 projects in 21 countries since 2013.
- 90 applications in 2019 – 10 short-listed and 5 grants awarded.





2019 grants supporting:

- Cotton-top Tamarins, Colombia
- Asian Elephants, Sumatra
- Blue-throated Macaws, Bolivia





CT-BG-1-12 64°F17°C



- Sumatran Tigers, Sumatra
- Tana River Red Colobus, Kenya



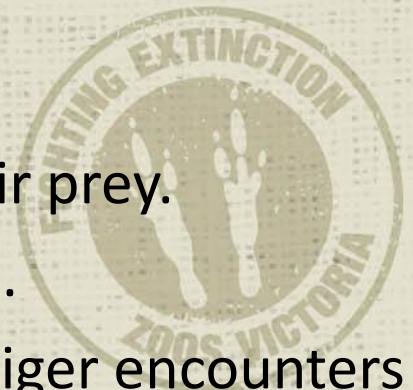
Protecting Sumatran Tigers through agroforestry in North Sumatra with Conservation International

Context:

- * In 2019 Sumatran Tigers were reported in Batang Angkola Protected Forest, south-central Sumatra.
- * Only income for people in Binasari village (inside Batang Angkola) is palm oil and illegal logging.
- * CI assisted Binasari with a Conservation Agreement, to allow development of sustainable alternative livelihoods.

Success measures:

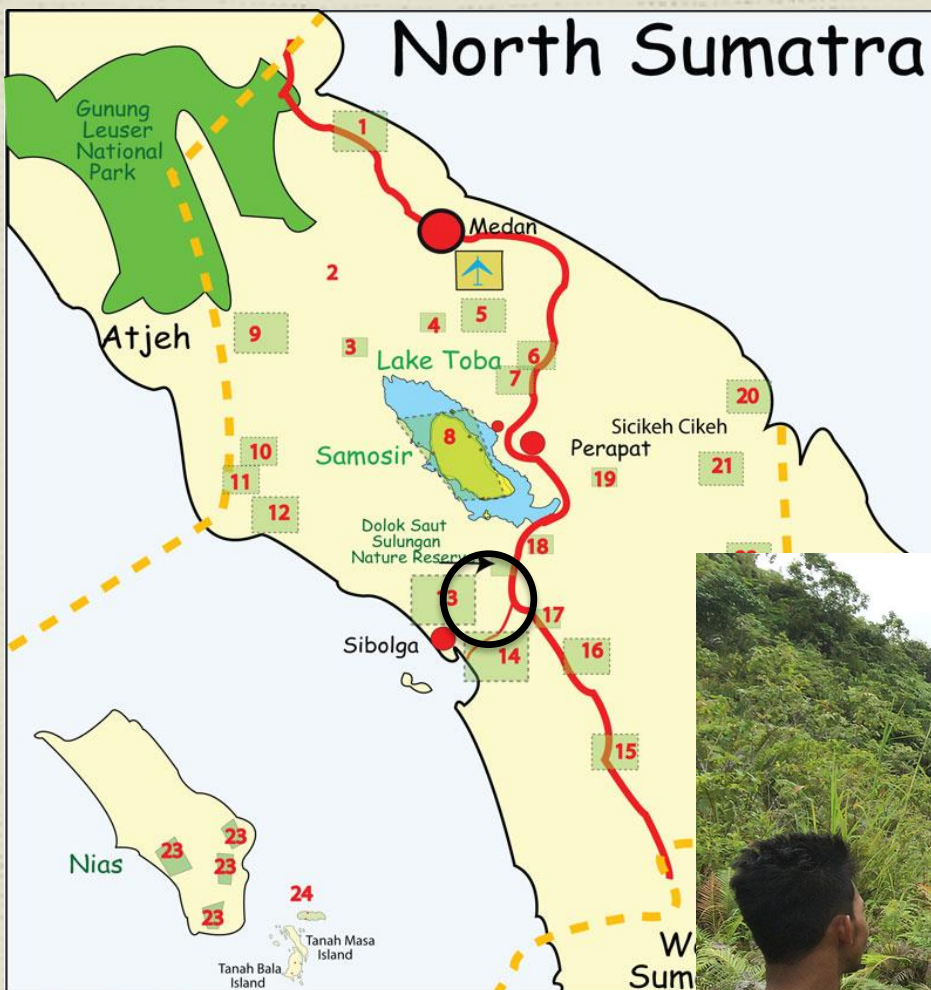
- * 200ha of avoided habitat loss.
- * 60 villagers stop hunting wildlife, inc. tigers & their prey.
- * 40% ↑ in monthly income/household from durian.
- * Durian rather than palm oil = ↓ forest clearing & tiger encounters



North Sumatra

ZOOS
VICTORIA

- Batang Gadis NP: 108,000ha.
- Batang Angkola PA: 44,000ha



1 Karang Gading Langkat Timur Laut Game Reserve	7 Batu Gajah Nature Reserve	13 Batang Gadis National Park
2 Grand Forest Park Bukit Barisan	8 Pulau Samosir Other Area	14 Sibolga Nature Reserve
3 Martelu Purba Protection Forest	9 Dolok Sibual-bual Protection Forest	15 Sibual-Buali Nature Reserve
4 Sibolangit Nature Recreation Park	10 Siranggas Wildlife Reserve	16 Barumun Wildlife Reserve
5 Dolok Tinggi Raja Nature Reserve	11 Sicikeh Cikeh Nature Recreation Park	17 Dolok Sipirok Nature Reserve
6 Dolok Toinggi Raja Other Area	12 Kuala Tapas Nature Reserve	18 Sijaba Hutaginjang Nature Recreation Park





PELATIHAN "OKULASI DAN SAMBUNG PUCUK BIBIT DURIAN"

(Durian Stem Grafting and Top Grafting Training)

Lingkungan IX Dusun Binasari, Kelurahan Pardomuan, Kecamatan Angkola Selatan
13-14 Maret 2020



Durian





March 2020 - first confirmed image of Sumatran Tiger in
Batang Angkola Protected Forest



Ways to get involved



- **Become a Zoo Member** – starting from just \$5 a month for a supporter membership
- **Adopt an Animal** – starting at \$10 per month, choose your ambassador animal for your household, work team, Rotary club
- **Get involved with Community Conservation** – recycle your old phones, blow bubbles and not balloons, keep your cats inside
- **Donate today to help us continue our conservation work** - the survival of some species still hangs in the balance, and for many, our commitment to fight wildlife extinction is their only hope.
- **Join the Future Hands Fellowship** - leave a gift in your Will to Zoos Victoria and make protecting threatened species part of your legacy to conservation.

www.zoo.org.au and 1300 966 784



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