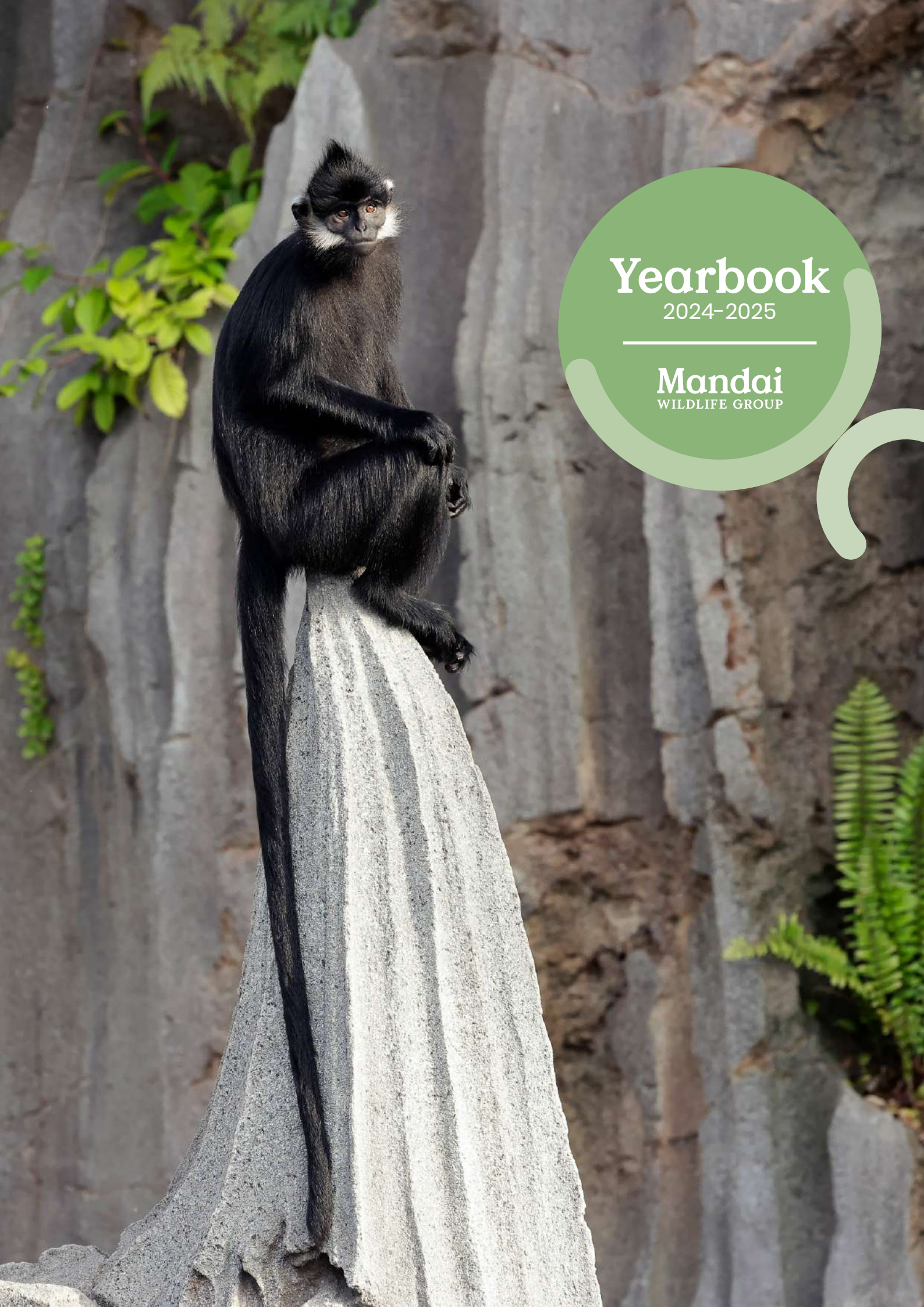




Yearbook

2024-2025

Mandai
WILDLIFE GROUP



About Mandai Wildlife Group

Mandai Wildlife Group is dedicated to caring for the planet and protecting animals and nature. Conservation education is intrinsic in all interactions with the Group, to inspire action for a healthier world.

Mandai Wildlife Group is the steward of Mandai Wildlife Reserve, a unique wildlife and nature destination in Singapore that is home to world-renowned wildlife parks which connect guests to the fascinating world of wildlife. The Group is driving an exciting rejuvenation plan at Mandai Wildlife Reserve, adjacent to Singapore’s Central Catchment Nature Reserve, that will integrate five wildlife parks with distinctive nature-themed experiences, green public spaces and an eco-friendly resort.

The wildlife parks managed by the Group are accredited by two of the top international regional zoo associations European Association of Zoos and Aquaria (EAZA), and Zoo and Aquarium Association of Australasia (ZAA), and the Group is an active member of the Southeast Asian Zoos and Aquariums Association (SEAZA) and the World Association of Zoos and Aquariums (WAZA).

Mandai Wildlife Group is committed to the vision of sustainable populations of wildlife and human communities thriving in functioning ecosystems. The Group will contribute by connecting people with wildlife, championing sustainable living, as well as participating in and supporting conservation efforts to safeguard wildlife and their habitats. The actions and contributions of the Mandai family of entities and brands are also aligned to the UN Sustainable Development Goals, in their focus to nurture a healthier world. The Group works with partners and like-minded collaborators to make a positive impact.

The Group provides funding and in-kind support to Mandai Nature for conservation work across Southeast Asia.

Mandai X is the growth accelerator and venture building arm of Mandai Wildlife Group that sparks, catalyses, and accelerates innovative ventures in completely new domains that drive growth and impact at scale.

Purpose

Building a world where people and wildlife thrive together.

Vision

To inspire people to protect nature and wildlife.

Values



Excellence

We learn and strive for the highest standards.



Integrity

We are honest and fair.



Teamwork

We work together to achieve more.



Care for Wildlife

We protect and care for nature and wildlife.



Hospitality

We serve from the heart.



Sustainability

We embrace sustainable best practices.



Contents

06	Message From Chairman & Group CEO	38	Caring For Our Planet • Animals Under Our Care • Playing A Leading Role In Conserving Biodiversity • Environmental Sustainability • Spreading The Message
08	The Triple Bottom Line, Strategic Thrusts & Sustainable Development Goals	106	Fostering A People-Focused Culture • Human Capital Management • Well-trained Workforce • Nurturing An Innovative Culture • An Inclusive Mandai
09	Our Commitment To Key Sustainable Development Goals	120	Sustaining Financial Performance • Driving Footfall • Rejuvenating In-park Experiences • Our Sponsors and Adopters
10	Board Of Directors	134	Financial & Attendance Highlights
12	Animal Welfare & Ethics Committee	136	The Year Ahead
12	Education Advisory Panel	138	Annexe
12	Environmental Advisory Panel	144	Awards & Accreditations
14	Corporate Functions		
15	Management		
16	Listing of Adopters & Sponsors		
18	Year In Review		
20	Rainforest Wild ASIA		
30	Mandai Wildlife East Opens		

Message From Chairman & Group CEO



Mr Piyush GUPTA
CHAIRMAN



Mr Mike BARCLAY
GROUP CEO

We are thrilled to witness the near completion of the decade-long Mandai rejuvenation project which has transformed the Mandai Precinct into an integrated nature and wildlife destination.

The Mandai Wildlife Reserve now boasts five wildlife parks with Rainforest Wild ASIA being our newest and Asia's first adventure-based wildlife park. In addition, we are excited to welcome families with young children to Curiosity Cove, Singapore's largest indoor nature-inspired playscape, and are gearing up to opening up a second indoor attraction soon.

We have also opened unmatched nature based accommodation options – a five star eco resort, Mandai Rainforest Resort by Banyan Tree, and a camping/glamping option called Colugo Camp. Both of these facilitate greater accessibility to our wildlife parks, indoor attractions and amenities. Boasting an array of biophilic and sustainable features, the Resort bagged BCA's Green Mark Platinum Award as Singapore's first Super Low Energy new non-residential building.

One other addition is Green Canvas, a versatile 2,800sqm forest-themed event and exhibition space, ideal for meetings and conventions. We look forward to welcoming companies looking for unique facilities for their management and corporate events. We have also launched ZooSchool, in partnership with NTUC First Campus whose decades of expertise in early childhood helps strengthen our education offerings in nurturing eco-stewards.

Mandai Boardwalk, a 3.3km long nature trail affords stunning views of the Upper Seletar Reservoir and the Central Catchment Nature Reserve. As a non-gated facility, it enhances opportunities to bring people

closer to nature and goes a long way in supporting our community space building efforts. Similarly, restaurants with well-loved brands and a food court bring together communities and families as they bond over diverse dining choices.

Alongside our new developments, we are revitalising the existing parks to create wildlife experiences that are just as immersive and inspiring. We celebrated Night Safari's 30th anniversary with the launch of the Pangolin Trail to highlight our on-going conservation efforts in protecting the native Sunda pangolin. Over at Singapore Zoo, the inaugural Animal Behaviour and Enrichment Centre reveals how we push the envelope in uplifting animal welfare standards through enrichment activities and positive reinforcement conditioning.

On the conservation front, we made tremendous progress. For the first time, a species that we have been working to protect was reintroduced to its native habitat. Eight critically endangered Rote snake-necked turtles were released into Lake Ledulu and Lake Lendoeen on their native Rote Island, made possible because of our shared vision with conservation partners, local community engagement and the local government's support. This was a significant milestone for a species that has not been sighted in the wild since 2009. Through Mandai Nature, our conservation arm, we will continue to facilitate the repopulation efforts to prevent the extinction of the Rote snake-necked turtle in the wild.

We are pleased that the integrated approach to align our conservation breeding with field conservation work has culminated in the repatriation of the critically endangered Negros bleeding-heart pigeons to their native Philippines. Starting with six birds,

we bred 19 chicks in just over three years and sent the first batch of ten chicks to the conservation facility in Negros Forest Park. The repatriation is part of the broader ongoing conservation efforts aimed at repopulating the species to ensure its long-term survival.

Given the accelerating rate of climate change and the attendant biodiversity decline, we strengthened our resolve to decarbonise our operations and achieve net-zero carbon emissions by 2050. We became the first zoo in the world, and the first tourism outfit in Singapore to have our Net Zero greenhouse gas emission targets approved by the Science Based Targets Initiative (SBTi).

We are deeply honoured to receive the prestigious 2024 Environmental Sustainability Award from the World Association of Zoos and Aquariums (WAZA) and to be certified as a Sustainable Tourist Destination under the Global Sustainable Tourism Council Destination Criteria. Rainforest Wild ASIA was awarded NPark's LEAF Platinum certification in recognition of its sustainable design and park management, joining all four of our other wildlife parks in attaining this accolade.

To safeguard wildlife and nurture a healthier planet, we need the collective actions from every segment of the community. To this end, we spare no effort in conservation education and communication. In the FY, we reached out to 345,000 students, park guests and members of the public to spread the conservation message and advocate for wildlife and sustainable living. Our inaugural 'Mandai Action for Wildlife' programme offers a platform for students to champion native wildlife conservation through community engagement.

We hold inclusivity dear to our hearts. Through the partnership with Special Education (SPED) Schools, we curated various programmes to engage neurodiverse students and support caregivers and SPED educators in facilitating meaningful visits to our parks. Additionally, we hosted over 40,000 beneficiaries from 334 Social Service Agencies in our parks and offered tailored programming for vulnerable youths and families affected by incarceration.

With the Mandai Rejuvenation Project in its final stretch, we look forward to our next phase of growth to maximise the potential of the Mandai Wildlife Reserve and provide more opportunities for people to enjoy nature-based experiences. In connecting our guests with nature, we strive to inspire them to protect wildlife and act for a healthier planet. To support our aspirations, we are relentless in upskilling our staff, and elevating productivity and animal welfare standards through innovation, automation and digitalisation. Through IMDA's Open Innovation Platform, we crowd source for solutions such as animal activity devices and autonomous mobile robots to enhance animal welfare and visibility, staff productivity and guest engagements. We will continue to tap into Singapore's vibrant technology ecosystem to support our transformation.

It has been another remarkable year with significant achievements for our team. We sincerely thank our board, committee members and advisory panel members for their wise counsel. We are most appreciative of our partners, volunteers, members, adopters and donors, and the community for their unstinting support. Above all, we feel privileged to work alongside our passionate and dedicated staff and would like to thank them for their invaluable contributions.

The Triple Bottom Line, Strategic Thrusts & Sustainable Development Goals (SDGs)

3Ps	STRATEGIC THRUSTS	SDGs
PLANET	Provide World-class Care For Our Living Collection	13 CLIMATE ACTION 14 LIFE BELOW WATER 15 LIFE ON LAND 17 PARTNERSHIPS FOR THE GOALS
	Be A Regional Leader In Environmental Sustainability & Conservation	7 AFFORDABLE AND CLEAN ENERGY 11 SUSTAINABLE CITIES AND COMMUNITIES 13 CLIMATE ACTION 14 LIFE BELOW WATER 15 LIFE ON LAND 17 PARTNERSHIPS FOR THE GOALS
PEOPLE	Apply Leading Organisation & HR Practices	7 AFFORDABLE AND CLEAN ENERGY 11 SUSTAINABLE CITIES AND COMMUNITIES 12 RESPONSIBLE CONSUMPTION AND PRODUCTION 13 CLIMATE ACTION 14 LIFE BELOW WATER 15 LIFE ON LAND
	Forge A Strong National Love & Pride For Our Parks	4 QUALITY EDUCATION 11 SUSTAINABLE CITIES AND COMMUNITIES 14 LIFE BELOW WATER 15 LIFE ON LAND 17 PARTNERSHIPS FOR THE GOALS
PERFORMANCE	Create Exceptional Guest Experiences	4 QUALITY EDUCATION 13 CLIMATE ACTION 14 LIFE BELOW WATER 15 LIFE ON LAND
	Ensure Long-term Commercial Viability	12 RESPONSIBLE CONSUMPTION AND PRODUCTION 13 CLIMATE ACTION 14 LIFE BELOW WATER 15 LIFE ON LAND 17 PARTNERSHIPS FOR THE GOALS

Our Commitment To Key Sustainable Development Goals (SDGs)

4 QUALITY EDUCATION	QUALITY EDUCATION Our parks are living classrooms that strengthen early childhood and multi-disciplinary learning, including the mother tongue languages, as well as 21 st century competencies through volunteerism, work attachments and career guidance. Through our inclusive educational offerings, we empower guests across all abilities to connect with nature and act for a healthier planet. Robust training for our staff facilitates lifelong learning and acquisition of specialist skills.	13 CLIMATE ACTION	CLIMATE ACTION We decarbonise our operations in every possible way to mitigate climate change and support our goal of reaching net zero greenhouse gas emissions across our value chain by FY2050.
7 AFFORDABLE AND CLEAN ENERGY	AFFORDABLE AND CLEAN ENERGY We monitor energy consumption in our parks through a comprehensive energy metering network. We are converting to energy-saving electrical devices and solar panels. Our entire shuttle bus and tram fleets run on electricity. The principle of reducing energy consumption guides all development work in Mandai.	14 LIFE BELOW WATER	LIFE BELOW WATER Through River Wonders, we highlight the fragility of river ecosystems to our guests, and encourage them to take action to protect freshwater life forms, which are disappearing faster than those on land or in the sea. We support local and regional conservation projects to protect biodiversity in aquatic ecosystems. We repatriated the critically endangered Rote snake-necked turtles to Indonesia for eventual reintroduction on their native Rote Island. We spread the message on plastic pollution and advocate for reduced usage or avoidance of single-use plastics.
11 SUSTAINABLE CITIES AND COMMUNITIES	SUSTAINABLE CITIES AND COMMUNITIES We galvanise the community to refuse single-use plastic and to choose sustainably sourced products. We have eliminated guest-facing single-use fossil-based plastics in our F&B outlets. We serve wildlife-friendly coffee and sustainable seafood at our F&B outlets and offer sustainable merchandise at retail outlets to advocate for sustainable living.	15 LIFE ON LAND	LIFE ON LAND We provide world-class care for our animals which are ambassadors to connect people with the natural world. Through conservation messaging with a strong call to action, we encourage people to do their part for wildlife. We work with other zoos through Managed Species Programmes to help save threatened species. We contribute to these global programmes as species coordinators for 21 threatened species. Through our conservation arm Mandai Nature, we support local and regional conservation work to reverse species loss, protect ecosystems, and engage local communities. We adopt IUCN's One Plan Approach to synergise our in-park conservation efforts with field work to repopulate threatened species in their native habitats.
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	RESPONSIBLE CONSUMPTION AND PRODUCTION Our green procurement road map, with its clear targets, guides us to work with suppliers to procure sustainable goods and services. We diversify and source for more sustainable alternatives for our animal feed, supporting local produce where possible, to reduce our carbon footprint. Other than reducing energy and water consumption, we are working towards achieving zero waste through circularity.	17 PARTNERSHIPS FOR THE GOALS	PARTNERSHIP FOR GOALS We forge strong partnerships, locally and globally, with wildlife institutions, conservationists, NGOs, government agencies, businesses, sponsors, donors, schools, volunteers and various communities to achieve our goals.

Board Of Directors

CHAIRMAN

Mr Piyush GUPTA

Mr Gupta was Chief Executive Officer and Director of DBS Group from 2009 to 2025. He is currently the Chairman of the Board of Trustees of Singapore Management University and Deputy Chairman of the Board of Keppel Ltd. In addition, he is an alternate member of the Council of Presidential Advisers to the President of Singapore. In his personal capacity, Mr Gupta takes a keen interest in nature, and is a Co-Chairman of the BirdLife International Advisory Group and a member of the Global Steering Committee of the Campaign for Nature.

DEPUTY CHAIRMAN

Ms CHONG Siak Ching

Ms Chong was the Chief Executive Officer of National Gallery Singapore and Head of the Visual Arts Cluster Singapore comprising the Singapore Art Museum, Singapore Tyler Print Institute and the National Gallery Singapore till 31 March 2024. She is the Chair of the Yong Siew Toh Conservatory of Music in the National University of Singapore, a member of the Singapore Land Authority Board, an Independent Director on the boards of Venture Corp Ltd and Sankyo Frontier Ltd, and Singapore's Non-Resident Ambassador to the Republic of Chile.

DIRECTORS

Mr Mike BARCLAY

Mr Barclay is the Group CEO and Executive Director of Mandai Park Holdings. He also serves as Chairman of Mandai X, a wholly-owned subsidiary of Mandai Park Holdings, and is a Non-Executive Director of Mandai Nature, the conservation arm of Mandai Wildlife Group. Prior to Mandai, Mr Barclay was CEO of Sentosa Development Corporation. This followed on from stints as Regional Vice President Asia for the International Air Transport Association and Chief Executive of SilkAir. Mr Barclay began his career with Singapore Airlines, holding various portfolios in Singapore, Germany, Switzerland, Belgium and the UK.

Mr KEE Teck Koon

Mr Kee Teck Koon serves as the Chairman of both NTUC Fairprice Co-operative Limited and NTUC Fairprice Foundation Ltd. He holds several other concurrent appointments, serving as a Non-Executive Director on the boards of Changi Airport Group (Singapore) Pte Ltd and Tangram Asia Capital LLP. In addition to his directorships, Mr Kee is a Member of the Angsana Fund Investment Committee and serves as Chairman of the Ministry of Trade and Industry's Integrated Resorts Evaluation Panel. Mr Kee was awarded the Public Service Star (BBM) by the Singapore Government and Meritorious Service Award by the National Trades Union Congress in 2021. Mr Kee holds a Master of Arts in Engineering Science from Oxford University, UK.

Mr Keith TAN Kean Loong

Mr Tan was appointed as the Deputy Secretary (Industry) of the Ministry of Trade and Industry on 1 August 2023. He has held appointments in the Singapore Tourism Board, the Ministries of Defence and Home Affairs, as well as in the Public Service Division and Civil Service College. He is currently on the boards of the Urban Redevelopment Authority, Sentosa Development Corporation, JTC Corporation, and EDB Investment Pte Ltd.

Mr Stephen FORSHAW

Mr Forshaw is the Chief Representative for Airbus in Australia, New Zealand and the Pacific. He is also a Board Director of Perfection Fresh Pty Ltd, Certis Security Pte Ltd, the European Australian Business Council, and Airbus Australia Pacific Limited. He previously served in corporate affairs leadership roles with Singapore Airlines, Microsoft and Temasek.

Professor Emeritus Leo TAN

Professor Tan is Advisor to the National Parks Board Garden City Fund. He is also a Board Member of Temasek Foundation and Temasek Foundation IPC, Governor of Asia-Europe Foundation, Fellow of the Singapore National Academy of Sciences, and Governing Member of the Singapore Environmental Council.

Ms PEK Siok Lan

Ms Pek is the Head of Investment Stewardship at Temasek International. She was previously Temasek's General Counsel and concurrently a Global Executive Council member on its investment, strategy and management committees. Before Temasek, Ms Pek served in corporate leadership and chief legal officer roles in Singapore Technologies Group and ST Telemedia. She is on the Investment Committee of Temasek Trust Asset Management's impact investing arm and a Board Director of BSR, a sustainable business consultancy.

Mr SIM Hwee Cher

Mr Sim is the Director and Chairman of Asia Capital Reinsurance Group Ltd, and also serves as a Director of UOL Group Ltd. He is a Council Member of the National Youth Achievement Award Association. Mr Sim was conferred the Public Service Medal in 2015 and the Public Service Star in 2019. He previously served as Vice Chairman and Assurance Leader at PricewaterhouseCoopers Singapore.

Er Dr LEE Bee Wah

Er Dr Lee is the Technical Advisor of public listed Koh Brothers Group Limited and Independent Director of other public listed companies including MYP Ltd and Heeton Holdings Limited. She is a Board Member of the Building and Construction Authority, a statutory board under the Ministry of National Development and chairs the Nanyang Technological University School of Civil and Environmental Engineering Advisory Committee.

Mr NG Lang

Mr Ng is the Chief Executive and Board Member of Singapore's Land Transport Authority (LTA). He is a member of the Singapore Management University Real Estate Programme Advisory Board and serves on the Advisory Board for the NUS College of Design and Engineering. Prior to LTA, Mr Ng was the CEO of JTC, CEO of the Urban Redevelopment Board, and CEO of National Parks Board. He also served in the Singapore Foreign Service and public healthcare sector. In 2018, he was awarded the Public Administration Medal (Gold) in recognition of his contribution to the Public Service.

Mr LIM Beng Chee

Mr Lim was previously Chief Executive Officer and Executive Director of Shangri-La Asia Limited, retiring from this role in end 2022. He continues to contribute as a Board Director of Shangri-La Asia Limited. Additionally, he was the Chairman and Board Director for China World Trade Centre from 2018 to 2024. He also held positions such as the Chief Executive Officer of CapitaMalls Asia Limited, now CapitaLand Mall Asia Limited, from 2008 to 2014.

Animal Welfare & Ethics Committee

CHAIRMAN:
Professor Leo TAN

SECRETARY:
Dr Guillaume DOUAY

MEMBERS:
Mr Mike BARCLAY
Dr CHANG Siow Foong
Dr CHENG Wen-Haur
Prof Joseph CHUN
Mr Vinayagan DHARMARAJAH
Dr Adrian LOO
Dr Leslie RETNAM

Environmental Advisory Panel

CHAIRMAN:
Professor Peter NG

DEPUTY CHAIRMAN:
Er LIM Peng Hong

MEMBERS:
Dr Shawn LUM
Professor NG Soon Chye
Professor Erwin VIRAY
Professor Brenda YEOH

Education Advisory Panel

CHAIRMAN:
Dr TAY Kim Seng

MEMBERS:
Ms LIM Siew Gek
Dr Shaireen SELAMAT
Mrs June THAM-TOH Syn Yuen
Mr Eric YUM



Corporate Functions



CORPORATE SERVICES	LIFE SCIENCES & OPERATIONS	TRANSFORMATION & GROWTH	DEVELOPMENT
Brand & Communications	Animal Care	Asset Development	Attractions Development
•	•	•	•
Finance	Animal Behaviour & Programmes	Digital & Data	Cost, Contracts & Procurement
•	•	•	•
Human Resources	Veterinary Healthcare	Food & Beverage	Project Management (East Zone)
•	•	•	•
Information Technology	Education	Park & Attractions Marketing	Project Management (West Zone)
•	•	•	•
Internal Audit	Exhibit Design	Partnership Development	Development Office
•	•	•	•
Legal	Facilities Management	Retail & Lifestyle	
•	•	•	
Procurement	Horticulture	Sales & Experience Development	
	•	•	
	Park Operations	Transformation Office	
	•	•	
	Sustainable Solutions	Guest Experience Management	
	•	•	
	Technical Services	Group Strategy & Development	
		•	
		Indoor Attractions	

Mandai Wildlife Group has a conservation arm in **Mandai Nature** and a growth accelerator and venture building arm in **Mandai X**.



Management

Mr Mike BARCLAY • Group Chief Executive Officer

CORPORATE SERVICES

- Ms Shirley LIM • Group Chief Financial Officer
- Mr Marcus HENG • Group Chief Human Resources Officer
- Mr SIEW Yeow Loye • Chief Information Officer
- Ms Sandra TSAO • General Counsel

- Ms Suzanne HO • Senior Vice President, Brand & Communications
- Ms Karen TAN • Vice President, Internal Audit
- Mr Steven WONG • Vice President, Finance
- Mr Michael TEOH • Vice President, Information Technology
- Ms Iming BAHARI • Vice President, Human Capital Management
- Mr OW YONG Haur Kit • Vice President, Procurement

LIFE SCIENCES & OPERATIONS

- Dr CHENG Wen-Haur • Deputy Chief Executive Officer (Life Sciences & Operations)
- Chief Life Sciences Officer

- Dr Sonja LUZ • Chief Executive Officer (Mandai Nature)

- Mr Donald TAN • Chief Estate & Property Officer (Acting)
- Ms Sherri LIM • Chief Park Operations Officer

- Ms Gail LAULE • Vice President, Animal Behaviour & Programmes
- Ms May LOK • Vice President, Education
- Mr CHAM Tud Yinn • Vice President, Exhibit Design
- Mr TAN Wei Yap • Vice President, Facilities Management (Acting)
- Mr Melvin TAN • Senior Vice President, Special Projects
- Ms Daisy LING • Vice President, Park Operations
- Ms Maggie ANG • Vice President, Park Operations (West Node)
- Ms Rohaya SAHAROM • Vice President, Sustainability Solutions
- Mr Andrew CHAI • Vice President, Technical Services
- Dr XIE Shangzhe • Vice President, Veterinary Healthcare

TRANSFORMATION & GROWTH

- Ms Belina LEE • Deputy Chief Executive Officer (Transformation & Growth)
- Chief Transformation Officer
- Chief Executive Officer (Mandai X)

- Mr TEO Joo Leng • Chief Product Officer
- Ms Jean CHOI • Chief Sales & Marketing Officer

- Ms Isabel CHENG • Senior Vice President, Partnership Development
- Ms Monet ALUQUIN • Vice President, Asset Development
- Ms Angeline HON • Vice President, Digital & Data
- Mr Steven TAN • Vice President, Food & Beverage
- Ms Michelle CHOO • Vice President, Indoor Attractions
- Ms Sandy LEE • Vice President, Park & Attractions Marketing
- Ms Daisy TAN • Vice President, Retail & Lifestyle
- Mr Edmas NEO • Vice President, Transformation Office

DEVELOPMENT

- Mr Michael CHIN • President, Development Projects

- Mr David GOH • Project Director (East Zone)
- Mr SIA Wee Long • Project Director (West Zone)

- Mr Marc CREMADES • Vice President, Attractions Development
- Mr Colin CHEW • Vice President, Cost, Contracts & Procurement
- Mr SEAW Yong Ngiaip • Vice President, Development Office

Listing of Adopters & Sponsors

SINGAPORE ZOO

96 Capital Management Pte Ltd.....	Giant Tortoise, Belle
Advorio Asia Pacific Pte Ltd.....	Giant Tortoise, Claude
Agrocorp International Pte Ltd.....	Pygmy Hippopotamus, Divo
Capitaland Limited.....	Into the Wild Presentation
Chew's Agriculture Pte Ltd.....	Chickens at Kidzworld
Coding Lab.....	Python, Bubbles
EnGro Corporation Limited.....	Red River Hogs
EtonHouse International School.....	Pack Walk at Kidzworld
Guardian Health & Beauty.....	Orangutan, Satria
Haw Par Corporation Ltd.....	Leopard Exhibit
Haw Par Healthcare Limited.....	Malayan Tiger Exhibit
Henkel Singapore Pte Ltd.....	Chimpanzee, Gangga
Hong Leong Foundation.....	Fragile Forest Exhibit
Hotel Properties Limited.....	Orangutan, Adi
Humphrey Oei Foundation.....	Asian Elephant, Intan
Jason's Pet Relocation (Singapore).....	Giant Tortoise, Astove
Kidz Meadow Childcare & Development Centre.....	Falabella, Partidor
Kuok Group.....	Giraffes, Adhil and Balaji
Lee Foundation Singapore.....	Garden With A View
MI Limited.....	Malayan Sunbear Exhibit
MapleBear Midview City.....	Goodfellow's tree-kangaroo, Susu
MCC Singapore.....	Asian Elephant, Komali
Mdm Kay Kuok.....	Asian Elephant, Aprila
Mitsui & Co. (Asia Pacific) Pte Ltd.....	Elephant Presentation
Mrs Christina Ong.....	Orangutans, Binte & Saloma
Ms Carrie Wan Burke.....	Giant Tortoise, Kasey
Ms Goh Choi Fong.....	King Cobra Exhibit
Ms Thai Miao Han.....	Falabella, Bollin
Nikko Asset Management Asia Limited.....	Pygmy Hippopotamus, Miata
Pan Pacific Hotels Group.....	Cheetah, Obi-Wan
PetCubes.....	Animal Friends Presentation at Kidzworld
Petrochina International (Singapore) Pte Ltd.....	Lion Exhibit
Publicis Groupe.....	Lion, Simba
Saksoft Pte Limited.....	Chimpanzee, Bianca
Schroder Investment Management (Singapore) Ltd.....	Orangutans, Natu & Joko
Starbucks Coffee Singapore Pte Ltd.....	Komodo Dragon Exhibit
Swee Heng Bakery Pte Ltd.....	Asian Elephant, Gambir
TAG Industrial Pte Ltd.....	Giant Tortoise, Casela
Tan Chong International.....	Giraffes, Marco and Jubilee
Tan Chong International.....	Zebra Exhibit
Tata Consultancy Services Asia Pacific Pte Ltd.....	Orangutan, Putra
Tencent.....	Ranger Stations
The Norinchukin Bank (Singapore Branch).....	Chimpanzee, Togo
Tradecom Services Pte Ltd.....	Chimpanzee, Asha
United Test and Assembly Center Ltd.....	Orangutan, Bino
UOL Group.....	Cheetah, Obi-Wan
VETRESKA.....	Canine Clubhouse and Kitty Corner at Kidzworld
W2 Industrial Services Hub Pte Ltd.....	Falabella, Arabella
William Grant and Sons.....	Pygmy Hippopotamus, Minah
Wing Joo Loong Ginseng Hong (Singapore) Company Pte Ltd.....	Malayan Tiger, Sulong
Wuthelam Holdings Pte Ltd.....	Rabbit Patch at Kidzworld
Yew Kee Group.....	Ducks at Kidzworld
Yokogawa Engineering Asia Pte Ltd.....	Chimpanzee, Jengo
Yuvabharathi International School Pte Ltd.....	Asian Elephant, Jati

BIRD PARADISE

Amazon Web Services.....	Rhinoceros Hornbill at Winged Sanctuary
Boeing.....	Conservation project for the Philippine Eagles
Electronics & Engineering Pte Ltd.....	Bali Myna at Winged Sanctuary
Goodwood Park Hotel Private Limited.....	Brahminy Kites from Predators on Wings Presentation
Henkel Singapore Pte Ltd.....	White Crowned Hornbill at Winged Sanctuary
Hong Leong Foundation.....	Hong Leong Foundation Crimson Wetlands Aviary
Kuok Group.....	Kuok Group Wings of Asia Aviary
Lam Soon Singapore Pte Ltd.....	Nursing Rooms and Family Care Rooms
Mr Shiv and Mrs Roopa Dewan.....	Great Pied Hornbill, Sunny, from Wings of the World Presentation
Mr Sharad and Mrs Verena Desai.....	Straw-headed Bulbuls at Winged Sanctuary
Ocean Network Express.....	Ocean Network Express Penguin Cove
Pan Pacific Hotels Group.....	Toco Toucan at Winged Sanctuary
Rwanda Development Board.....	Rwanda Nyungwe Forest Heart of Africa Aviary
Singapore Life Ltd. (Singapore).....	Orchid Waterfall
Singapore Refining Company Private Limited.....	Wrinkled Hornbill at Winged Sanctuary
The Shaw Foundation Pte.....	Shaw Foundation Australian Outback Aviary
Toppan Next Pte Ltd.....	Great Pied Hornbill at Winged Sanctuary
UOL Group.....	Toco Toucan at Winged Sanctuary

RIVER WONDERS

Canadian 2-For-1 Pizza.....	Beavers, Justin and Selena, from Once Upon A River Presentation
Khoo Teck Puat Foundation.....	Red Panda Exhibit
Mitsui & Co. (Asia Pacific) Pte Ltd.....	Mekong Giant Catfish Exhibit
Pavilion Capital.....	Giant Pandas, Kai Kai and Jia Jia
The Koh Family.....	Capybara, Moe, from Once Upon A River Presentation
The Shaw Foundation Pte.....	Manatee Feeding Programme

NIGHT SAFARI

Gong Hao Management Pte Ltd.....	Buffy Fish-Owl Exhibit
Goodwood Park Hotel Private Limited.....	The Pangolin Trail
HashKey Capital Singapore Pte Ltd.....	Asiatic Lion Exhibit
JTB Pte Ltd.....	Asian Elephant, Neha
Khoo Teck Puat Foundation.....	The Pangolin Trail
Mitsui & Co. (Asia Pacific) Pte Ltd.....	African White Lion Exhibit
Mr Benjamin Chow Battersby.....	Spotted Hyena Exhibit
Mr Chew Shouzi and Ms Vivian Kao.....	White Tiger, Pasha
Mr Martin Storey.....	Babirusa Exhibit
Nomambhoy & Sons Pte Ltd.....	White Tiger, Keysa
Tencent.....	Ranger Station
Thai Beverage Public Company Limited.....	Asian Elephant, Chawang
The Koh Family.....	Southern Three-banded Armadillo Exhibit
Toppan Next Pte Ltd.....	Asian Elephant, Sang Wira

RAINFOREST WILD ASIA

AIA Singapore.....	AIA Vitality Bounce
AIA Singapore.....	Tapir Habitat

BENCH, SCULPTURE & TREE ADOPTIONS

Concorde Hotel Singapore.....	Bench at Giraffe Exhibit
Dr Chris Tan Kok Leong.....	Angsana Tree along Orangutan Island
Dr Chris Tan Kok Leong.....	Bench along Orangutan Island
Gaia Environment (S) Pte Ltd.....	Calophyllum inophyllum L Trees along Primate Kingdom
Mr Ong Seow Leong, Ms Chang Hung Mui, Ms Arin Ong & Ms Ariel Ong.....	Otter Sculpture at Otter Exhibit
Mr Andre and Ms Cathleen Widjaja.....	Rain Tree at Giraffe Exhibit
Mr Andrew Ng Wai Hung.....	Bench at Giraffe Exhibit
Mr Indra Widjaja.....	Rain Tree at African Painted Dog Exhibit
Mr Morven Chin and Ms Racheal Chin.....	Butterfruit Tree at Tiger Exhibit
Mr Naresh Narasimhan.....	Rain Tree at Zebra Exhibit
Mr Ng Cheun Ser.....	Broad-leafed Mahogany Tree at Garden With A View
Ms Annette Brinch Jensen.....	Bench at Giraffe Exhibit
Ms Lee Whai Yih.....	Bench at Otter Exhibit
Ms Phyllis Wong.....	Rain Tree at Giraffe Feeding Exhibit
Mr Piyush Gupta.....	Bench at Amazonian Jewel
Mr Piyush Gupta.....	Pavilion at Songs of the Forest
Ms Tan Keng Keng.....	Sentol Tree along Rainforest Walk
Ms Verena Poh.....	Broad-leafed Mahogany Tree at Garden With A View
Nippon Express (Singapore) Pte Ltd.....	Yellow Saraca Tree along Orangutan Island
OHBOY! Pictures Pte Ltd.....	Bench at White Rhino Exhibit

MANDAI BOARDWALK

Amazon Web Services Singapore.....	Kingfisher's Cave Entrance
Amazon Web Services Singapore.....	Tree Frog's Hangout Entrance
Amazon Web Services Singapore.....	Iora's Nest Lookout Point
China Aviation Oil (Singapore) Corporation Ltd.....	Trees
Du Pont Company Singapore (Pte) Ltd.....	Trees
Daikin Airconditioning (Singapore) Pte Ltd.....	Trees
GIC Private Limited.....	Trees
OTS Holdings Limited.....	Trees
Schneider Electric South East Asia (HQ) Pte Ltd.....	Trees
Standard Chartered Bank.....	Trees
Syngenta Asia Pacific Pte Ltd.....	Eagle's Perch Rest Station
The Chen Lin Trust.....	Damselfly's Wing Rest Station
The Chen Lin Trust.....	Trees

EVENT & PROGRAMME

Amazon Web Services Singapore.....	Mandai Action For Wildlife Programme
Dr Tan Kheng Lian.....	Kids in Play @ Mandai Wildlife Reserve Programme
GIC.....	Rainforest Wild Asia Community Preview
Meta.....	SPED Education Programmes
Tan Chin Tuan Foundation.....	Kids in Play @ Mandai Wildlife Reserve Programme
United Overseas Bank Limited.....	Mandai Gives Back 2024

CONTRIBUTIONS TOWARDS ANIMAL CARE

Lee Foundation Singapore
Ms Tan Hiang Lee
Ms Tan Sieu Lee
New Eden Charitable Trust (Via Credit Suisse)

TREE-PLANTING AT MANDAI WILDLIFE RESERVE

PSA Coporation Ltd
Singapore Life Ltd. (Singapore)
ST Engineering Aerospace Ltd

IN-KIND SPONSORSHIPS

NovogeneAIT Genomics Singapore Pte Ltd
Werm's Inc.

Year In Review

FY 24/25

Mandai Wildlife East opened in December 2024

as the gateway to existing parks, Mandai Boardwalk, the upcoming indoor attractions and other new features.

Total attendance hit 4.5 million with our fifth and latest wildlife park Rainforest Wild ASIA attracting 100,000 guests in its first month.

Launched free access Mandai Boardwalk on 14 January 2025, attracting some 165,000 guests within 2.5 months of its opening.

Mandai Rainforest Resort by Banyan Tree began trial stays in March 2025 as stress tests for operational readiness by April 2025.

Bagged the prestigious **2024 World Association of Zoos and Aquariums (WAZA) Environmental Sustainability Award**.

Rainforest Wild ASIA, the first adventure-based wildlife park in Asia, **opened on 12 March 2025**.

Provided funding to Mandai Nature in support of projects that protect over 50 threatened species living in 458,000 hectares of vital habitats in Singapore and the region.

Night Safari celebrated 30 magical years of connecting guests with the nocturnal world of wildlife. The milestone was marked by the **launch of Pangolin Trail** to highlight our conservation efforts in saving the native Sunda pangolin.

Welcomed 958 babies – the highest number in over a decade. Of the 143 species bred, 34 are threatened and have high conservation value.

Hosted over 40,000 beneficiaries from 334 Social Service Agencies in our parks.

Engaged 345,000 people across all abilities with targeted programming, including Special Needs programmes.

Certified as a Sustainable Tourist Destination under the Global Sustainable Tourism Council Destination Criteria





Rainforest Wild ASIA

Rainforest Wild ASIA is Singapore's fifth zoological park and Asia's first adventure-based wildlife park. This 13-hectare multi-layered rainforest park has something for everyone, from wheelchair-friendly elevated walkways at the canopy level to rugged treks with rocky streams and log bridges on the forest floor. It also boasts subterranean cave chambers, The Cavern, which drew inspiration from the famous Mulu Caves in Sarawak. For thrill-seekers, add-on adventures

invite them to challenge themselves while exploring the park from a vastly different perspective.

Rainforest Wild ASIA features 36 iconic Asian species including the endangered Francois' langurs and the critically endangered Philippine spotted deer which made their debut in Singapore. Over 75% of the animals are threatened species, the highest proportion amongst our five wildlife parks. These animals serve as ambassador

species to highlight the plight faced by their wild counterparts and the field conservation work that we support to ensure the long-term survival of threatened species. The park's core focus is on conservation education through interpretive displays and ranger talks to inspire guests to protect rainforests and wildlife.

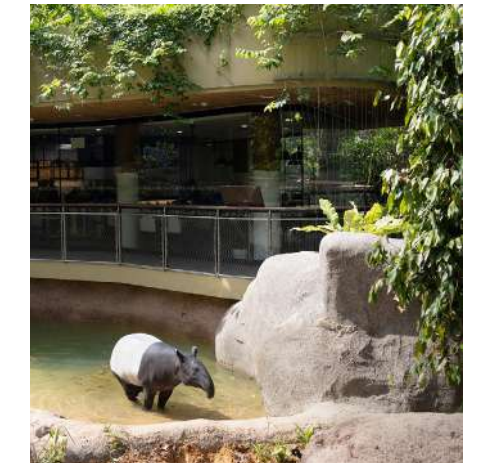
Above:
Rainforest Wild ASIA takes guests on a journey through the rainforest layers, from the canopy to the cavern.



'The Karsts zone is home to a troop of energetic Francois' langurs and is also where thrill-seekers traverse rock surfaces and enjoy views of Rainforest Wild ASIA from vantage points.



There are seven forest treks of varying distances and terrains. Guests 'choose their wild' to explore the different treks based on their appetite for adventure.



Above:
Malayan tapir cooling off in its habitat at the Watering Hole.



Above (left):
The Cavern features subterranean cave chambers inspired by the famous Mulu Caves in Sarawak. It also boasts Singapore's only restaurant in a cave setting.

Left:
Malayan tigers exploring their habitat spanning 4,000 m² – the largest in Rainforest Wild ASIA.

Below:
Over 75% of the animals in Rainforest Wild ASIA are listed as threatened, including the critically endangered red-shanked douc langur.



Above:
We welcomed our first bundle of joy in February 2025, born before the official opening of Rainforest Wild ASIA – a male Philippine spotted deer. This new-to-Singapore species is one of the world's most endangered deer. The birth spotlights how Mandai contributes to wildlife conservation through our breeding programmes.



Moving Into a Spanking New Home

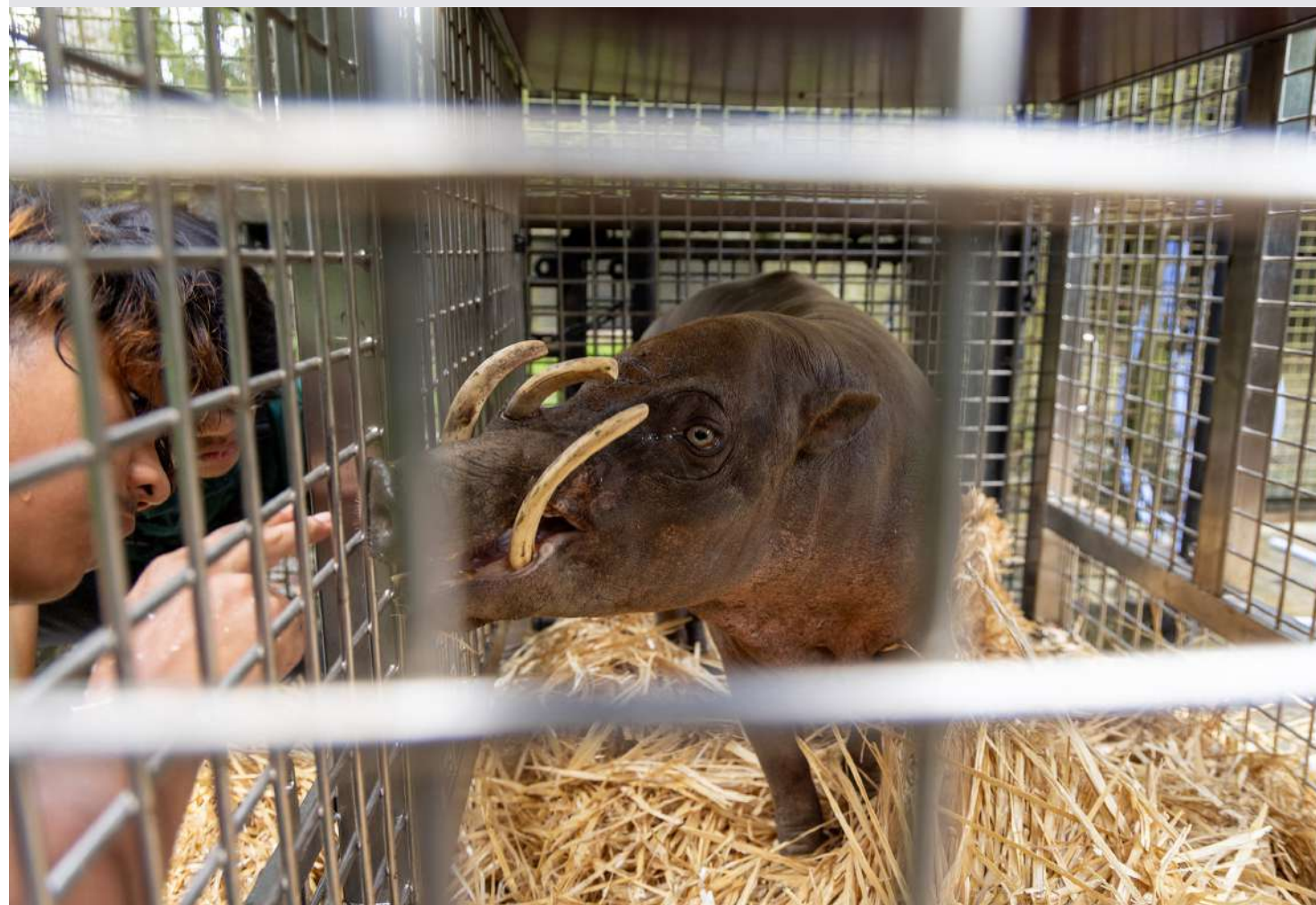
The animals featured in Rainforest Wild ASIA include new acquisitions as well as various species from the existing parks. Preparations to translocate the animals from the existing parks to Rainforest Wild ASIA commenced nine months before its official opening in March 2025. Our Animal Care staff diligently conditioned the tigers, sunbears, crocodile and various deer species with food rewards to voluntarily enter and stay in their transport crates. Successful crate conditioning eliminates the need for restraints, thereby minimising transfer stress. The translocation went smoothly with zero transfer mortalities. We were proud to have upheld the highest animal welfare standards throughout the process.

More than 130 volunteers helped spruce up the new habitats for the incoming inhabitants. Subsequently, the animals underwent habitat conditioning to acclimatise them to their new homes. Some

32 volunteers made observations on the animals' response to the new habitats and behaviour in their social groups, collecting baseline data for future efforts to enhance animal welfare, behaviour and visibility.



Crate conditioning of animals like the sun bear and babirusa involved coaxing them to enter and stay calm in their transport crates with food rewards. Patient training by our keepers, months before the move, contributed towards a stress-free translocation.



Above:
Our red dholes exploring their spacious back-of-house yard upon post-translocation release.

Panjang, our estuarine crocodile measuring more than 5 metres long, was successfully crate conditioned and has settled in well in his new home.



Encouraging Natural Behaviours

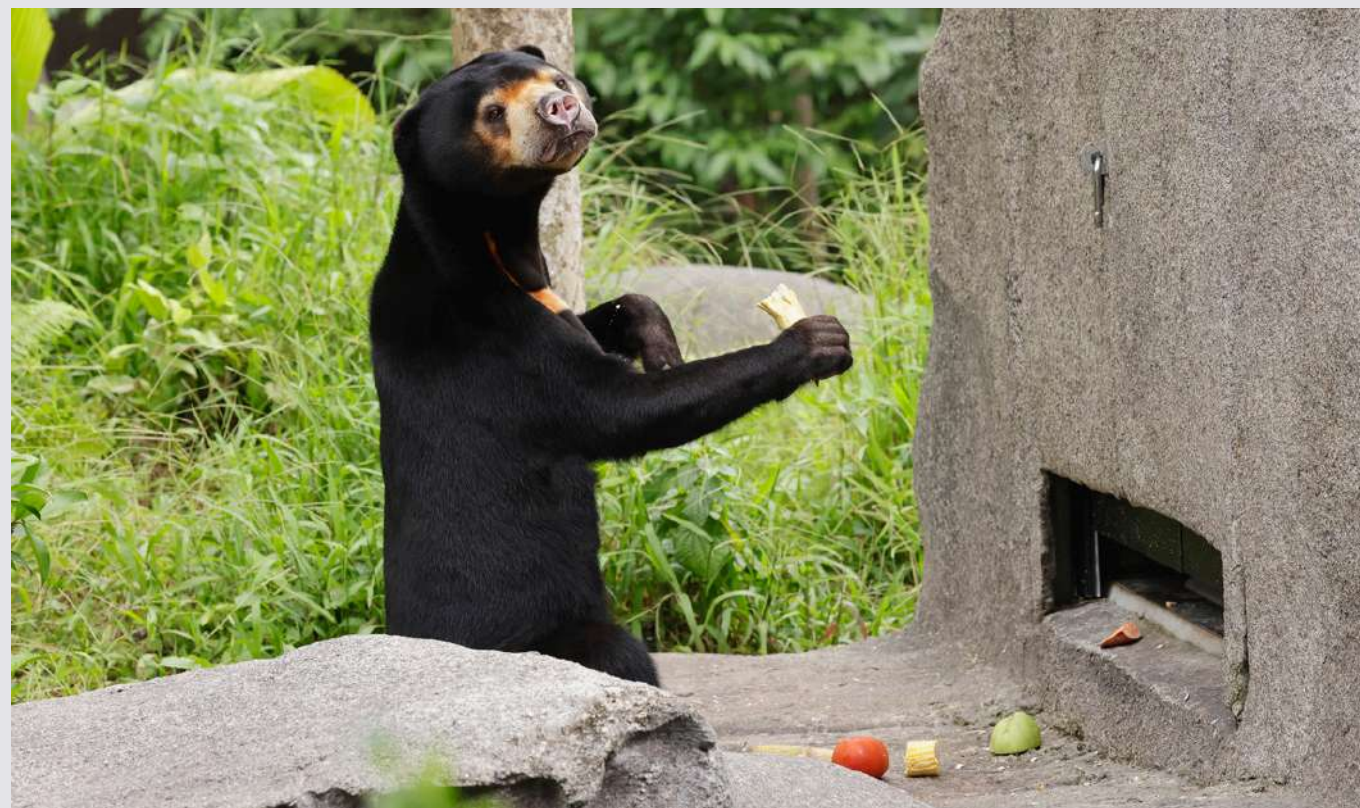
In simulating the rainforest setting, close to 7,000 trees and shrubs were planted to enhance the habitats as well as the overall landscape. Three time-share habitats allow predatory animals such as the red dholes and prey animals, the babirusas, to explore the space at different times of the day, simulating the wild where prey and predators coexist. These highly dynamic habitats elicit natural behaviours and enrich the lives of our animals.

In addition, automated feeder devices are installed in the habitats to encourage foraging and exploratory behaviours. Our Animal Care staff can control the functions of these devices remotely to respond to changes and elicit the desired behaviours. This initiative is a tech collaboration with Whitepark Engineering to advance our animal behavioural management efforts while optimising workflow.

With the animals roaming freely, foraging or resting in vast, naturalistic habitats, as they would in the wild, guests are encouraged to sharpen their senses to pick up cues like slight movements and sounds for chance animal encounters.

Right:
A Francois' langur at The Karsts habitat demonstrating its natural talent of leaping.

Below:
Automated feeding devices encourage naturalistic behaviour such as exploring and foraging for animals like this sun bear in the Watering Hole habitat.



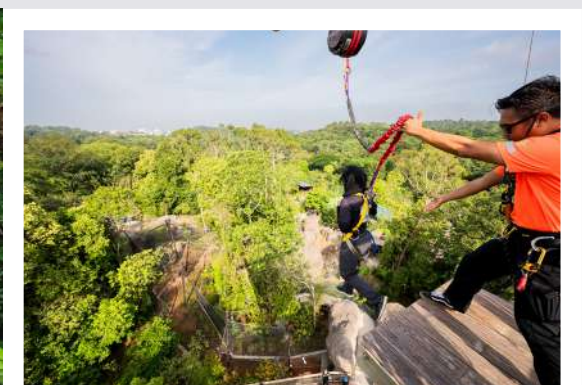
Above:
Red dholes time-share their habitat with babirusas, creating highly stimulating environments for both species.

For Adventurers and Thrill-Seekers

Guests can zest up their visit to Rainforest Wild ASIA and elevate the thrill of discovering the park from various vantage points with different adventures, namely the kid-friendly AIA Vitality Bounce, Canopy Jump, Wild Apex Adventure and Wild Cavern Adventure.

Right:
In **Wild Apex Adventure**, guests traverse the high rock walls via the ferrata path with Francois' langurs similarly scaling the sheer cliffs and trees nearby.

Below:
The **Wild Cavern Adventure** is a cave expedition that challenges 'explorers' to navigate through tight spaces and abseil in the dark.



Above:
Canopy Jump – participants experience a free fall before transitioning into a controlled descent to enjoy a sweeping vista of Rainforest Wild ASIA.

Left:
The kid-friendly **AIA Vitality Bounce**, with several open-sky bounce zones.



Grand Opening of Rainforest Wild ASIA

Rainforest Wild ASIA opened its gates to widespread anticipation and excitement on 12 March 2025. The launch was officiated by Guest-of-Honour Minister for Sustainability and the Environment and Minister-in-charge of Trade Relations, Ms Grace Fu. In attendance were our key stakeholders, over 30 media outfits, as well as invited guests from Fei Yue Community Services and Team Singapore. "The opening of Rainforest Wild ASIA marks an exciting milestone in the wider transformation of the Mandai Wildlife Reserve to become a world-leading nature and wildlife destination," said Group CEO of Mandai Wildlife Group, Mr Mike Barclay. In the first month of opening, Rainforest Wild ASIA welcomed over 100,000 guests.

Above:
Minister for Sustainability and the Environment and Minister-in-charge of Trade Relations, Ms Grace Fu (in white top) with Group CEO of Mandai Wildlife Group, Mr Mike Barclay (right) at the opening of Rainforest Wild ASIA.



Mandai Wildlife East Opens

In December, we unveiled Mandai Wildlife East, which serves as the new gateway to Singapore Zoo, Night Safari, River Wonders, Mandai Boardwalk, Mandai Rainforest Resort by Banyan Tree, other soon-to-be-opened attractions and accommodation options,

and F&B and retail outlets. Mandai Wildlife East brings to life the transformation of the Mandai Wildlife Reserve into an integrated nature and wildlife destination where guests explore, play, immerse, dine, shop and stay.

Below:
More than just an imposing landmark of Mandai Wildlife East, the 'Mother & Child' pangolin brass sculpture draws attention to the plight of the critically endangered Sunda pangolin and our efforts in protecting this native species.



Mandai Boardwalk

The 3.3-km Mandai Boardwalk was declared open on 14 January 2025 by Mr Alvin Tan, Minister of State for the Ministry of Culture, Community and Youth, and the Ministry of Trade and Industry. Mr Tan was hosted by Mandai Wildlife Group Chairman Mr Piyush Gupta and Group CEO Mr Mike Barclay. The launch ceremony was attended by government stakeholders, sponsors and members of the media.

Mandai Boardwalk offers free access to the public from 7 am to 7 pm. There are five thematic stations and a lookout point inspired by wildlife inhabiting the forest and water ecosystems of Upper Seletar Reservoir and the Central Catchment Nature Reserve. Built around retained mature trees on site, Mandai Boardwalk was elevated to protect the banks of the reservoir and allow native animals free movement below. Low impact construction techniques minimised the use of heavy equipment. Water-edge vegetation was enhanced to attract birds, butterflies, dragonflies and damselflies. The boardwalk is closed at dusk in consideration of nocturnal animals and guest safety.



Minister of State for Trade and Industry & Culture, Community and Youth, Mr Alvin Tan (centre) officially opened the Mandai Boardwalk on 14 January 2025. He was hosted by Mr Piyush Gupta (right), Chairman of Mandai Wildlife Group and Mr Mike Barclay (left), Group CEO.

Wheelchair-friendly, Mandai Boardwalk can be accessed from Mandai Wildlife East and a second entrance next to River Wonders. The scenic route skirts the reservoir as well as the perimeters of River Wonders and Singapore Zoo. Hikers can spot native wildlife such as the critically endangered straw-headed bulbul and glimpse zoo animals like the giraffes.

Mandai Boardwalk has been attracting the public in droves, notably seniors who enjoy morning strolls in nature spaces. In just over two months since its opening on

14 January 2025, we recorded attendance of nearly 165,000 visitors. Indeed, this non-gated facility goes a long way to support our community space building efforts.

“Our vision for the Mandai Wildlife Reserve has been to create an accessible and inclusive destination that offers a window into the wild, allowing everyone to appreciate nature at their own pace. In addition to our ticketed parks, we are committed to providing freely accessible green spaces with play areas and activities for guests to enjoy.”
~ Group CEO Mr Mike Barclay



Mandai Boardwalk was built in an environmentally sensitive manner, offering several lookout points for the best views.



Mandai Boardwalk offers free access to natural spaces within the Mandai Precinct.



Freely accessible and wheelchair-friendly, Mandai Boardwalk's 3.3km route skirts around the scenic Upper Seletar Reservoir.



The Malayan water monitor and straw-headed bulbul are amongst the native species that can be spotted here.

Nature-Inspired Stay at Mandai Rainforest Resort

During the FY, construction and fit-out of the 4.6-hectare Mandai Rainforest Resort proceeded as scheduled, in time for one of Asia's most anticipated hotel openings in April 2025. This serene sanctuary provides its guests easy access to our parks and other attractions. It features 338 guest rooms, including 24 luxurious treehouses. Signature amenities include a rooftop pool with breathtaking vistas of

the Upper Seletar Reservoir, and the award-winning Banyan Tree Spa amongst others.

The resort's deep commitment to biophilia and sustainability is evidenced in its architecture, amenities, and programming.

Built around the mature trees on site with a buffer zone of about 15 m from the reservoir edge, the resort is largely elevated to facilitate the movement of

native wildlife. The airy lobby features bespoke reception counters and benches made of upcycled wood. Rooms can be naturally ventilated while an interactive display for power consumption gently reminds guests when usage exceeds recommended levels. The plethora of mindful features has earned the resort BCA's Green Mark Platinum award, making it Singapore's first-ever Super Low Energy resort.



Above & Right: Mandai Rainforest Resort by Banyan Tree offers a nature-inspired stay where every element, from the architecture to the interiors, is designed to harmonise with the environment. The resort features 338 guest rooms, including 24 treehouses, the design of which was inspired by the seed pod of the Purple Milletia.

Below: The 300-seater Meranti Ballroom has a centrepiece design influenced by the rare bridal veil stinkhorn mushroom.

Below (right): The Rangers' Club is where young adventurers can play, learn or embark on Ranger Buddies Rainforest Discovery missions to identify native trees and spot wildlife.



Rejuvenation of Mandai Wildlife Reserve Nearing Completion



As the Mandai Rejuvenation Project nears completion, we will progressively roll out new features in FY25/26. These include Asia's first ZooSchool, two nature-themed indoor attractions Curiosity Cove and Exploria, a versatile 2,800 sqm forest-themed event space called Green Canvas, a walk down memory lane at Mandai Gallery, more food options at Dining Alley and The Courtyard Cafe, and all-inclusive stayovers at Colugo Camp.

Right: **ZooSchool** is a partnership between Mandai Wildlife Group and NTUC First Campus, offering outdoor adventure programmes for children from preschool to 12 years old, helping them develop a connection with wildlife and nature in our parks.

Below: **Green Canvas** will have an exhibition hall that can accommodate over 500 guests, a 187-seater auditorium and flexible meeting rooms.

Below (right): **Colugo Camp** will be an all-inclusive camping experience with 20 safari tents that can sleep up to four guests each. The stayover comes with exclusive guided tours at Singapore Zoo and River Wonders, and tram experience at Night Safari.



Above: **Dining Alley** will expand our food offerings with well-loved culinary brands serving local and international flavours.

Far right: **Curiosity Cove** is set to offer a tactile indoor playscape where children embark on multimedia sensory adventures that inculcate a love for nature and wildlife.

Right: **Exploria** will take guests on digital expeditions through Earth's most extreme environments to uncover the planet's toughest and most fascinating wildlife.



Preparations for the Second Phase of Rainforest Wild

Construction works are underway for the second phase of Rainforest Wild, offering an Afro-Tropical and Madagascar-inspired landscape. It will feature animals such as the elusive and endangered Okapi, a species that will be making its debut in Singapore. One of the park's highlights is an adventure ride that will provide a bird's eye view over the exhibits. As an adventure-based wildlife park, guests can look forward to aerial adventures journeying through a landscape of iconic trees and ravine formations with animals below.





Caring For Our Planet

We care for some 20,000 animals across 925 species, of which 30% are threatened. As the custodian of some of the world's most endangered animals, we are dedicated to protecting biodiversity under human care, within the Mandai Precinct and Singapore, and beyond our shores. Cognisant of the urgent need to decarbonise and reduce the impact of our operations on the environment, we set sights on Net-Zero GHG emissions across our value chain by FY2050.

The support of our guests, volunteers, conservation partners, government agencies and all who believe in our cause has been the driving force behind our achievements. We will continue our work in priority areas and seek collective efforts from partners and the community to build a world where people and wildlife thrive together.

Our Priorities



Deliver highest possible standards of animal care and sustain threatened species' populations in human care.



Provide medical care and rehabilitative support for rescued wildlife.



Support local and regional conservation efforts.



Inspire behavioural change to live sustainably and protect wildlife.



Embrace sustainable best practices in our operations.

Animals Under Our Care

Preparation work for the opening of Rainforest Wild ASIA kept the Animal Care and Veterinary Healthcare teams extremely busy. Every aspect of the habitats was reviewed, and rectifications were activated swiftly. Conditioning of the animals, which had been housed in the existing parks, was carried out diligently in preparation for translocation

to the new park. Thanks to meticulous planning, all animals were translocated without incident.

In assuring the healthspan of our animals, we developed a new preventive healthcare framework informed by historical morbidity and mortality trends. This framework sharpens our focus on

susceptible species, enabling proactive and early interventions for stronger prevention and treatment outcomes.

We welcomed 958 babies across 143 species – the highest births and hatchings in over a decade, and a testament to our welfare standards, as animals breed only when they are ensured of a conducive environment.

FY24/25 HIGHLIGHTS

- **Participated in 204 managed species programmes** as part of global efforts to sustain the populations of threatened species under human care.
- **Welcomed 958 babies** – the highest births and hatchings in over a decade. Of the 143 species bred, 34 are threatened and have high conservation value.
- **Translocated 130 animals** across 36 species from existing parks to Rainforest Wild ASIA.
- **Implemented a new preventive healthcare framework** to sharpen focus on susceptible species, enabling proactive and early interventions.
- **Performed successful cataract surgeries** on well-loved California sealions, Pedro and Philipp.



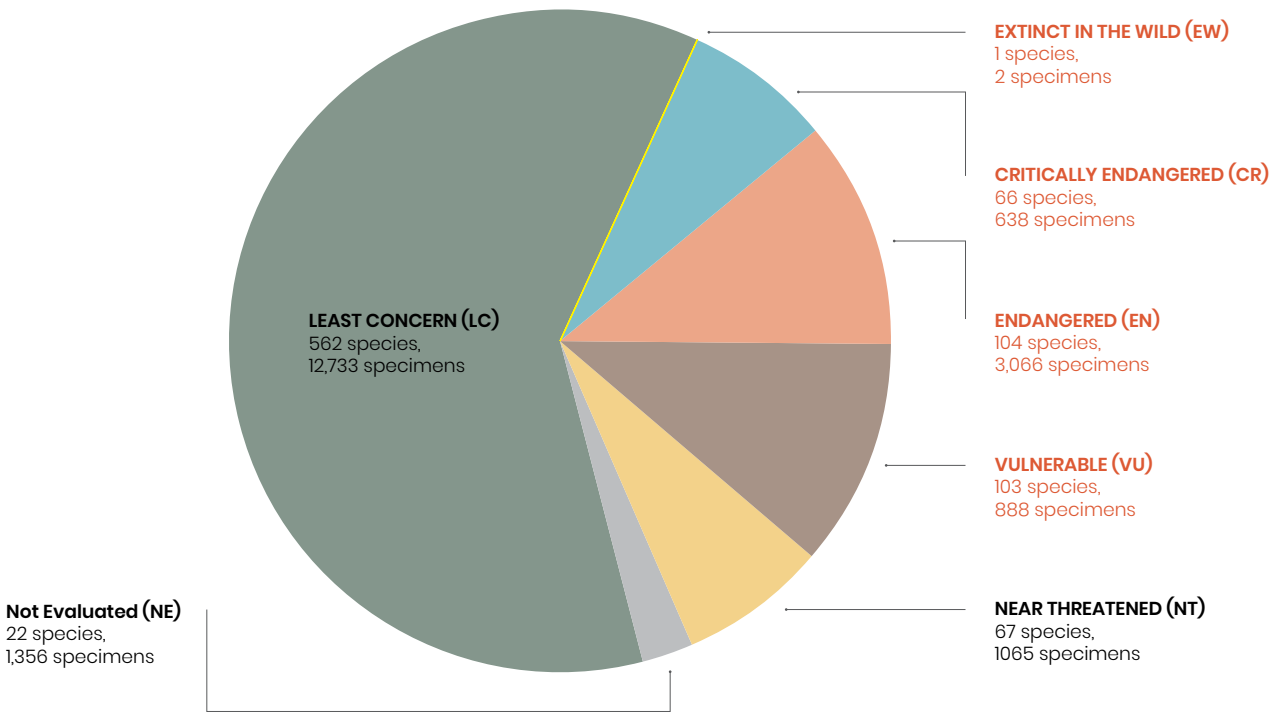
Our Animal Population

For FY24/25, we cared for nearly 20,000 animals representing 925 species, 30% of which are threatened* in the wild.

* In accordance to the IUCN Red list of Threatened Species, threatened species include animals that are:

- Extinct in the Wild
- Critically Endangered
- Endangered
- Vulnerable

Our Animal Population



Safeguarding Species through Global Collaborations

We are part of the international network of zoos working hand-in-hand to ensure the long-term sustainability of animal populations under human care. Through various managed species programmes, genetically compatible animals are transferred between zoos for breeding to bolster the genetic diversity of species and prevent inbreeding. In the FY, we grew the number of managed species to 204, up from 193 species in the previous FY ([refer to the Annexe for the full list](#)).

Each managed species programme is overseen by a coordinator from a member zoo. The coordinator assesses the global population and recommends pairings that involve inter-zoo transfers to optimise conservation and welfare outcomes. Fifteen of our Animal Care staff are coordinators for 21 managed species programmes, contributing to the larger zoo community in safeguarding species under human care ([refer to the Annexe for details](#)).

Beyond maintaining healthy populations under human care, our efforts are also directed at the survival of species in the wild. Guided by the IUCN One Plan Approach, we work with conservationists and other stakeholders to align our breeding programmes with field projects, working towards the ultimate goal of repopulating specific species such as the Negros bleeding-heart dove and the Rote snake-necked turtle in their natural habitats.



Red panda



Negros bleeding-heart



Socorro dove



Rote snake-necked turtle



Sumatran orangutan



Philippine cockatoo

Socorro dove
IUCN: Extinct in the Wild

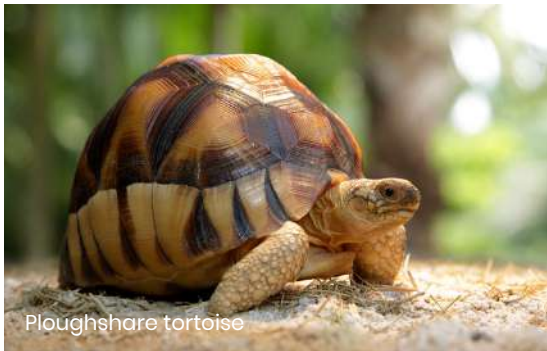
The Socorro dove is extinct in the wild. All 200 doves in zoos around the world, including Bird Paradise, descended from 17 doves. Reintroduction to their native Socorro Island is in part dependent on the breeding success of the zoos that care for them.

Below are more examples of species under managed programmes. We have had breeding successes for some, while repatriation efforts for the Negros bleeding-heart and Rote snake-necked turtle are on-going.

- Red panda**
IUCN: Endangered
- Negros bleeding-heart**
IUCN: Critically Endangered
- Rote snake-necked turtle**
IUCN: Critically Endangered
- Sumatran orangutan**
IUCN: Critically Endangered
- Philippine cockatoo**
IUCN: Critically Endangered
- Indian gharial**
IUCN: Critically Endangered
- Ploughshare tortoise**
IUCN: Critically Endangered



Indian gharial



Ploughshare tortoise

Notable Newcomers

During the FY, we organised 43 inter-zoo transfers involving 331 animals – mostly imports to enhance the animal populations in our five wildlife parks. Majority of the transfers were in accordance with the recommendations of species coordinators of various managed species programmes, contributing to sustaining viable animal populations under human care. The most notable arrivals were the okapis, which had been a species on our acquisition dream list for over three decades.

Okapis Arrive, Finally!

The transfer highlight of the FY was the long-awaited arrival of four okapis from Wuppertal Zoo in Germany, Antwerp Zoo in Belgium and Dublin Zoo in Ireland. These unique-looking animals will be featured in the future Rainforest Wild Phase 2. Their carefully coordinated transfers were made on recommendation by the EAZA Ex Situ Programme, a managed species programme that we are proud to be a part of. In Singapore for the first time, these extraordinary additions will act as ambassadors in the new park to highlight the plight of wild okapis, which are under severe threats from illegal mining (especially for gold), deforestation and poaching in Congo.



Love Match for Endangered Penguins

In 2020, a male northern rockhopper penguin named Pierre was rescued from the shores of Australia and rehabilitated in Perth Zoo before joining our penguin colony in Jurong Bird Park. History repeated itself in November 2024 when we received a female northern rockhopper penguin named Pascale from Perth Zoo. This one-year-old penguin was found on the coast of Southwest Australia, far from her home range in the sub-Antarctic oceans. Pascale spent

months recuperating with two release attempts before she was finally transferred to us. When she first arrived, she had arrested moulting. Fortunately, after 30 days of quarantine and acclimatisation, Pascale regained her full plumage and was ready to meet Pierre. Their first encounter in Penguin Cove went well. Their keepers are optimistic of a pair bond forming and look forward to future breeding when Pascale reaches sexual maturity in three years' time.



Three Zoos Collaborate to Breed the Malaysian Tiger

We joined hands with Taipei Zoo in Taiwan and Le Parc des Felins in France to stave off the extinction of the Malaysian tiger, a critically endangered species with fewer than 150 individuals left in the wild. During the FY, Le Parc de Felins sent two females to Taipei Zoo. One female called Serikin was subsequently transferred to Rainforest Wild ASIA. In return, we will export our young male to Taipei Zoo. This arrangement results in two breeding pairs with different genetic profiles, which will in turn broaden the gene pool of future offspring to establish a viable Malaysian tiger population under human care.



Rescued Giant Salamanders Find Refuge in River Wonders

In April 2024, we received four critically endangered Chinese giant salamanders, rescued by the South Korean authorities from an illegal wildlife smuggler. Given a second chance in life, they now call River Wonders their forever home.



Enhancing Waterfowl Diversity in Bird Paradise

We welcomed six species of ducks, including the critically endangered Baer's pochard, from Pinola Conservancy in the USA.



Bundles of Joy

In FY24/25, we welcomed 958 births and hatchings, the highest number in over a decade and a testament to our high animal welfare standard. Of the 143 species bred, 34 are threatened and have high conservation value. When mature, many of the individuals will be placed in our global managed species programmes for inter-zoo breeding exchanges to help sustain viable animal populations under human care. For threatened species managed under the IUCN One Plan Approach, our long-term vision involves working with stakeholders to return offspring to their native habitats, where they will play a vital role in reviving wild populations.

Rainforest Wild ASIA Gets Its First Baby

The Philippine spotted deer is amongst the world's most endangered deer. A pair arrived from Zoo Landau, Germany in June 2024 and were housed temporarily at Singapore Zoo. By December 2024, they were translocated to Rainforest Wild ASIA. Two months later, we were overjoyed with the **arrival of a healthy male fawn**, marking the first birth in our newest wildlife park, in time for its official opening!

The male fawn is a precious addition to the population of the severely threatened Philippine spotted deer.



A Nine-Year Wait

We rejoiced at the birth of two male Goeldi's monkeys, the first infants in nine years. The babies arrived five months apart.



Hooray for Gentoo Penguins Hatchlings

In November 2024, first-time parents Riki and Peach welcomed their gentoo penguin chicks, hatched two days apart. Their arrivals, the first ever for us, signalled that the gentoos were doing well in their purpose-built cold saltwater habitat in Bird Paradise. The first baby thrived under its parents' care but the second chick was underfed. Our keepers decided to hand-raise the second chick, which was sufficiently strong to rejoin its parents about two months later. In December 2024, another gentoo pair Citrus and Enzo hatched and reared their sole chick successfully. All three hatchlings have since developed adult plumage.



Another Woylie Joey

Night Safari welcomed a male woylie, the fifth joey since 2021. Also known as brush-tailed bettong, this near threatened species is threatened by predation from introduced foxes and feral cats.



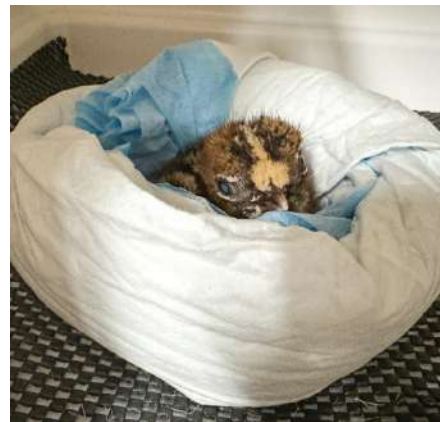
Third Time Lucky for Kagu Parents

The kagu is found in the dense forests of New Caledonia. Endangered and elusive, it is notoriously difficult to breed under human care. At Bird Paradise, our kagu parents had two prior clutches that failed to hatch. Our Animal Care team decided to pull out the third clutch to be artificially incubated and one kagu chick hatched successfully. It was hand-raised and reunited with its parents in Winged Sanctuary at four months old.



The endangered kagu is the national bird of New Caledonia. Found in dense forests, there are only 500 to 1000 individuals left in the wild. The successful hatching contributes to preserving the species under human care.

Left: Keepers get creative in providing the best environment for the chick to thrive, and that includes a plushie for comfort in the absence of its parents.



Another Calf for Eva the Manatee

Over at River Wonders, Eva, our largest female manatee at Amazon Flooded Forest gave birth once again to a female calf in July 2024. Coming in at 1.24 m long at birth, the baby had to be bottle-fed by our aquarists and tended to around-the-clock, as her mum demonstrated no nursing behaviour. The calf responded well to our care and was successfully released into the exhibit.

The baby manatee has formed a friendship with her older sister, Isa, born in 2008. The two can often be seen grazing together (right).



First Blue-winged Leafbird Chick

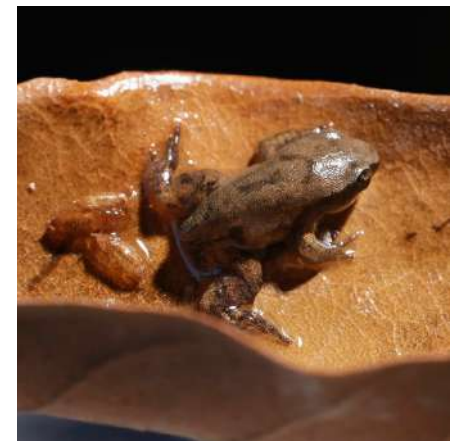
Our blue-winged leafbirds are among the 24 individuals cared for in zoos worldwide. They bred previously but the chicks did not survive. When the pair bred again, the team decided to let the parents nurture their young for a week before pulling it out to be hand-raised. This proved to be a good strategy, with the hatchling becoming the first chick to be successfully raised for the species under our care. When it matures, we intend to matchmake it with our single male.



Golden Mantella

Breeding the critically endangered golden mantella frog was a challenge as this species requires highly specific water conditions for reproduction. Our Animal Care team achieved a breakthrough by studying and fine-tuning optimal water parameters.

They also simulated natural seasonal changes by adjusting temperatures and humidity to improve breeding success. Eggs were carefully retrieved for assisted hatching to maximise chances of survival. These efforts produced 31 tadpoles – the highest in three years.



Putri The Proboscis Princess

Proboscis monkeys are very delicate primates because of their specialised leaf diet. We are one of the few zoos, outside their native Indonesia, to care for this endangered species. They are notoriously difficult to breed and we were overjoyed when our proboscis monkeys, Malaka and Jeff, bred for the second time to become parents to Putri (meaning 'princess' in Bahasa Indonesia).



Animal Enrichment

Behavioural enrichment offers environments and activities that encourage exploration and promote natural behaviours, leading to reduced stress and increased physical and psychological well-being in our animals. Enrichment includes food, sensory, cognitive, physical or social elements. Food-centric enrichment activities are most common but our Animal Care team is increasingly creative in designing enrichment tools that deploy two or more elements to keep their charges physically and mentally challenged for the best outcomes.



Above:
Recycled, animal-safe bottles filled with food direct foraging behaviour that involves manipulation of the enrichment device, enhancing limb dexterity.

Left:
Turkey vultures have a very keen sense of smell, superior to other vultures. Wrapping food within tempeh leaves and bamboo challenges them to sniff-and-tear, as they would with carrion in the wild.

Far left:
Stuffed with hay or various grasses, hanging feeders offer our elephants a sensory experience of changing scents and textures while encouraging them to stretch and forage.



Our orangutans and pileated gibbons are housed together. Mixed species exhibits with compatible individuals encourage interspecies and social interactions, which promote overall well-being.



This board is designed for snakes to climb and coil, engaging their muscles and improving co-ordination.



Above:
Charlie, the orangutan, uses a stick to prod the nut from one end to the other for a snack. Food puzzles are enrichment devices that combine food rewards with cognitive and physical engagements.



Our keepers create themed enrichment activities during festive seasons and special occasions to engage their charges and delight guests at the same time. Some examples include ketupat food hunts and nasi lemak feasts for Hari Raya celebrations, and pumpkin food bowls for Halloween fun.



Upgrading of Living Quarters

Our exhibits are designed to provide inhabitants with opportunities for challenges and choices to enhance their fitness and health. We are continually improving our animal habitats and back-of-house quarters to promote natural behaviours as well as physical and psychological well-being. Our goal is to create immersive spaces that replicate our animals' native environments as closely as possible, calibrating every element to meet species-specific needs.

Soft Flooring to Prevent Bumblefoot

The flamingo ponds in Heart of Africa, Bird Paradise were previously made of hard concrete flooring. This put our flamingos at high risk of developing bumblefoot, a bacterial infection that causes swollen feet that could lead to infection and other complications. Taking a leaf out of a German zoo's book, we upgraded the habitat with soft EPDM flooring typically used in children's playgrounds. We saw improved feet health in our flamingos and intend to also convert the flooring in the flamingo habitat at Crimson Wetlands to EPDM material.



We changed our flamingo ponds from hard concrete flooring (above) to soft flooring (right) to counteract bumblefoot risk in the birds.



New Home for Telsa and Faraday

At River Wonders, our two electric eels, Tesla and Faraday, used to timeshare one tank. They now each have a tank of their own, designed to encourage natural behaviours. Telsa prefers to stay among the root structures while Faraday often digs shallow craters in the gravel substrate.

Above: Our electric eels Tesla (left) and Faraday (right) have their own space to enjoy now. The new habitat is showcasing both very well.

Improved Back-of-House Facility for Ring-tailed Lemurs

Our ring-tailed lemur family has moved into an enhanced den block with improved environmental enrichment. The facility is designed to encourage the lemurs to climb and jump, displaying species appropriate behaviours.



The back-of-house facility for our ring-tailed lemurs boasts 4m ceilings, plenty of sunlight and more space for natural furniture like leafy branches.

Voluntary Participation Through Conditioning

Conditioning our animals to voluntarily participate in routine husbandry, transfers and medical procedures negates the use of physical restraints and sedation. This reduces stress and enhances safety for both our animals and staff, fostering trust-based relationships between keepers and their charges. The process involves positive reinforcement with food rewards to elicit the desired behaviours, and may take months to achieve the outcome. It allows us to deliver the best possible animal care standards in a calm and cooperative environment.

Stress-free Injections for Big Cats



Above:
For the first time, the three jaguars in River Wonders were successfully conditioned to be vaccinated without anaesthesia.

Left:
At Singapore Zoo, our Sri Lankan leopard has been conditioned to receive injections on a voluntary basis.



Keepers at Rainforest Wild ASIA have been training our two sun bears, Noi and Matahari, to spend more time exploring and foraging in higher guest visibility areas by using bird songs as cues. Noi responds to the song of the China thrush while Matahari, to the calls of the white-rumped shama. When the bears cooperate, they receive treats such as sugar cane dispensed by an animal activity device that can be remotely controlled. The avian sounds also enhance the naturalistic ambience of the park.

Moving Targets & Transfers

We regularly need to move our animals into crates for transfer to another location. Animals are conditioned to move towards a target and eventually into a crate. In the FY, the most significant moves

involved the Malayan tigers and a five-metre-long estuarine crocodile to Rainforest Wild ASIA. Over several months, our Animal Care team faithfully conditioned the animals to enter their transport crates

through positive reinforcement. Crate conditioning contributed greatly to the success of the translocation, in addition to the incredible teamwork demonstrated by our Animal Care and Veterinary staff.



Our estuarine crocodile responds when his name 'Panjang' is called. By calling for him and moving the target stick (left photo), the keepers guided him to enter his transport crate (middle photo). Panjang was eventually moved from Singapore Zoo to Rainforest Wild ASIA and released into his spacious new home (right photo).

Veterinary Highlights

The Veterinary Healthcare team delivers an extensive spectrum of medical services spanning targeted preventive medicine, health surveillance, surgical interventions, geriatric care, cutting-edge medical solutions, lab tests and pathology. In the FY, the team managed 7,184 clinical cases, a 4% dip from the previous year. This welcome decline reflects the success of enhanced preventive healthcare strategies shaped by a new framework and improved husbandry practices.

Preventive Healthcare

Preventive healthcare forms the bedrock of modern veterinary science, with the goal of staying ahead of diseases rather than merely reacting to them. We approach this through regular assessments, timely vaccinations and vigilant parasite control to ward off common ailments. Routine screenings enable us to catch potential health issues early, while robust biosecurity measures create a strong first line of defence to mitigate health risks. In the FY, we implemented a new framework for targeted preventive healthcare to good effect.



Framework for Targeted Preventive Healthcare

Informed by past mortality and morbidity trends of sensitive species, our Veterinary Healthcare team adopted a new framework for targeted preventive healthcare that is problem-based, focusing on the health issues affecting aquatic animals, birds, reptiles and amphibians (herptiles), hoofed animals, primates and carnivores. We highlight targeted preventive healthcare for herptiles and hoofed animals here:

Right:
A professional farrier (fourth from left) was engaged to treat the overgrown hooves of our Grevy's zebras. The vets and keepers also had insightful discussions with him on hoof care.



Enhancing Herptile Health

To enhance the care for reptiles and amphibians (herptiles), our teams identified conditions commonly associated with this group of animals and paid special attention to susceptible species, including the critically endangered batagur species. For all herptiles that arrive in quarantine, where previously they would simply undergo a month-long observation, we freshly implemented a thorough set of tests and examinations. Our holistic approach included diet reviews, closer monitoring and environmental modifications, all of which yielded hard-earned results. Mortality amongst herptiles fell 48% compared to the previous year.

Left:
Periodic screening of our herptiles for hepatic lipidosis and other conditions almost halved their mortality this FY.

Addressing Hoof Issues

During the FY, we reviewed hoof issues affecting various ungulate species. For some animals, we identified regular hoof trimming as an essential treatment. Through positive reinforcement, our keepers condition their charges to cooperate on hoof trims without the need for restraint or sedation. Another measure is the increased use of copper sulphate foot soaks to prevent bacterial infection that causes foot rot. Exhibit enhancement is on-going with regular topping up of soil or sand to improve the substrate on which the hoofs are in contact with. The keepers are also working on the appropriate placement of browse to encourage the animals to rear up and wear down their hind hoofs.



Above:
Copper sulphate foot soaks for our hoofed animals to prevent foot rot.

Avian Health Surveillance at Bird Paradise

When Bird Paradise first opened in May 2023, our Veterinary Healthcare team set up surveillance in the huge walk-through aviaries to monitor disease trends such as iron storage disease and avian mycobacteriosis. Regular screenings and annual health checks help uncover diseases like avian flu, gastrointestinal and blood-borne parasites, as well as bacterial and fungal infections. In tandem, our vets work closely with the Avian Care Team on related disease prevention measures.

During the FY, we observed a 15% drop in avian mortality caused by trauma. This was due to efforts by the Avian Care Team to help the birds acclimatise to the large free-flight aviaries. We also monitor trends to identify and mitigate

at-risk periods such as breeding seasons when certain species become more aggressive. Mitigating actions include offering additional food stations and nesting opportunities to avoid competition. The last resort is to remove aggressive species or collect the eggs for artificial incubation.

Right:
Our flamingos in different aviaries at Bird Paradise undergo annual health checks, which include weight taking, bumblefoot disease screening and more.

Below:
An oriental pied hornbill being prepared for an endoscopic liver biopsy to assess the extent of iron storage.



Close Examination of Indian Gharials

The Veterinary Healthcare team, together with an Indian researcher from the Gharial Ecology Project (GEP), performed full health checks on all seven of our rarely examined Indian gharials. Glandular samples were taken for comparison to wild populations, to assist in zoo breeding efforts. We were grateful for GEP's offer to assess the genetic samples of our gharials.

Below:
An Indian gharial being given a clean bill of health while glandular and DNA samples were collected for further assessment and research.



Case Highlights

Cataract Removal for Sea Lions

Pedro, a geriatric California sea lion underwent successful cataract surgery for his left eye. To prepare for the procedure, keepers conditioned him in a multi-step process, including getting Pedro to enter a transport carrier up on a truck. He was desensitised to different locations and sounds, and became comfortable with needle injections, ocular ultrasonography and eye tonometry readings. On 4 September 2024, vets from Ocean Park Hong Kong and our vets operated on Pedro without a hitch. Pedro recovered quickly

and was back performing at Singapore Zoo's Splash Safari presentation within a month. Another senior California sea lion, Philipp, also had cataracts, but required emergency surgery to remove a displaced cataract that put him at risk of eye perforation. Remarkably, the sea lion care team ramped up Philipp's behavioural conditioning and surgery preparations in less than a week, paving the way for our vets and Hong Kong colleagues to successfully conduct the urgent procedure.



Above:
Pedro was conditioned to cooperate in many ways including entering a transport carrier up on a truck.



Left & Below:
Successful cataract removal surgeries for our geriatric sea lions Pedro and Philipp.

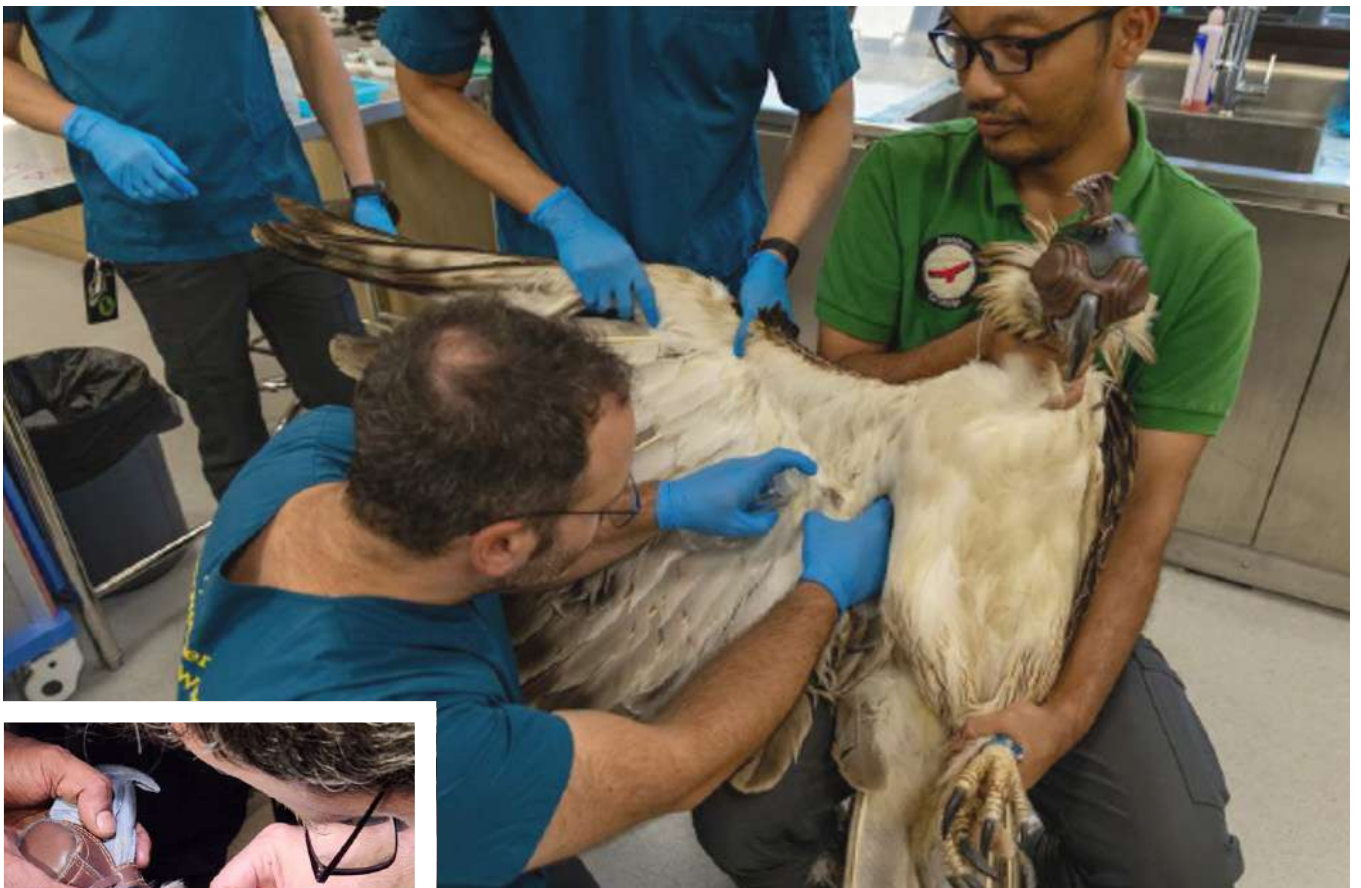


Philippine Eagle Recovers from Suspected Aspergillosis

Our female Philippine eagle, Sambisig, was hospitalised for suspected aspergillosis, a serious fungal infection of the lungs. Sambisig's former partner Geothermica had sadly died from aspergillosis in September 2023. Given our

experience with this debilitating respiratory disease, the vets snapped into action with intervention measures including proactive treatments and placed Sambisig in intensive care – these proved critical to her eventual recovery. Our

Animal Care team has since modified Sambisig's habitat and improved its ventilation to reduce aspergillosis risk. In addition, air sampling is carried out to monitor spore count, ensuring that it does not exceed the defined threshold.



Early intervention was key to saving our female Philippine eagle Sambisig from severe respiratory infection.



Right:
Sambisig's habitat was enlarged for increased flight space and fitted with visual barriers to reduce possible stressors. We also improved its ventilation to reduce aspergillosis risk.



White Tigers Undergo Skin Lesion Surgery

Both our white tigers, Pasha and Keysa, presented with skin lesions. Being leucistic, white tigers lack pheomelanin and have a higher propensity for developing skin tumours. Surgery was performed on both individuals. Cryotherapy was applied for Pasha to achieve complete removal of all cells as the lesion turned out to be skin cancer. On the other hand, Keysa's lesion was caused by inflammatory tissue.

Right:
Our vet removing skin lesions on our white tiger.



Liver Disease Treatment for Asian Lion

Twelve-year-old female Asian lion, Sita, was diagnosed as having severe liver and gall bladder disease causing jaundice. Our Veterinary Healthcare team sedated her to perform ultrasonography, obtain liver biopsies, and administer medications. Her response to treatment was slow but under expert care, she eventually regained her appetite, and her health returned to normal.

Right:
The veterinary team established five intravenous drips for fast delivery of medication to our Asian lion during her hour-long anaesthesia.



Photoperiod Modification Triggers Moulting

Moulting is essential for birds to replace worn-out feathers with new ones for flight, insulation and waterproofing. This process is controlled by changes in photoperiod (day length), temperature and hormonal release. In Bird Paradise, some bird species face moulting difficulties given

the photoperiod difference between Singapore and their country of origin. Despite hormonal therapy, species such as the grey-backed thrush could not moult. Our Veterinary Healthcare and Animal Care teams resorted to modifying the photoperiod exposure for the affected

individuals over the course of six months. The prolonged treatment finally triggered moulting in them.

Below:
Moulting difficulties in birds were resolved by modifying photoperiod exposure. They donned new plumages after six months.

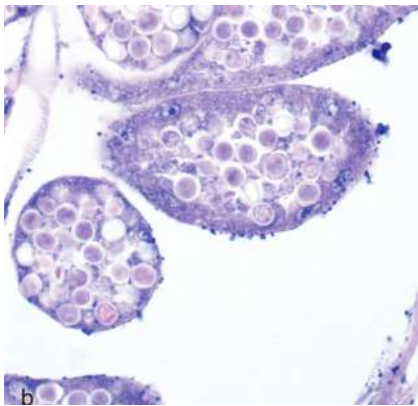


Reducing Mortality Rate of Chrisangi Leaf Insect Nymphs

The Chrisangi leaf insect earned its name from Chris Ang, the photographer who first discovered the species in Singapore. This invertebrate appears to limit its habitat to mangrove forests. In the FY, we started a breeding programme in the hope of maintaining

an insurance population for eventual conservation intervention should the need arise. We saw a good number of hatchlings, but their mortality rate was high. Our pathologists examined dead individuals and found severe protozoa infestation of the gut. This led

to review of husbandry set-ups and disinfection of leaf fodder for feeding. To minimise stress, keepers reduced the frequency of handling the insects to gather growth data. The improved husbandry and other measures resulted in a 64% drop in mortality for the immature stages.

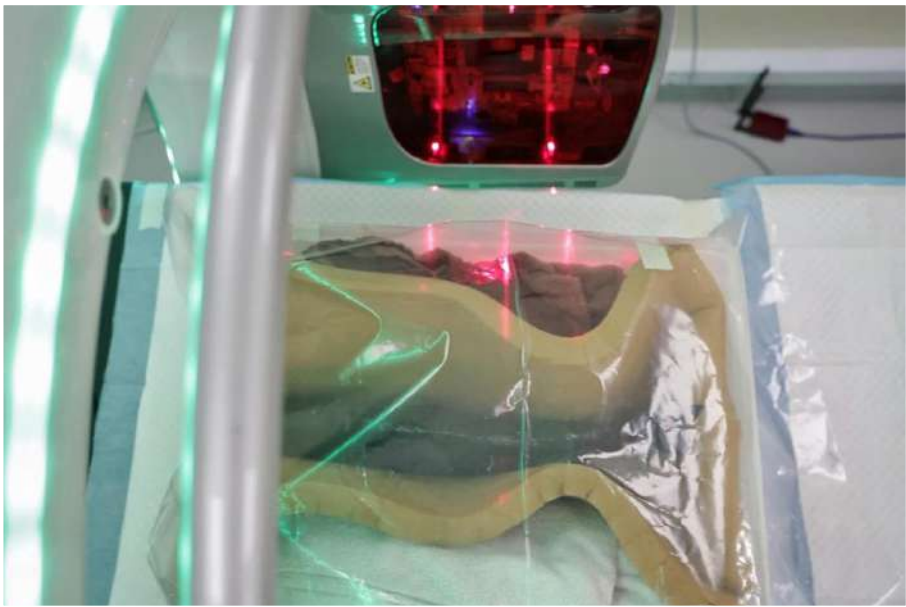


Left (left):
The Chrisangi leaf insect mimics a leaf for excellent camouflage.

Left:
Histopathological examination of the guts of dead Chrisangi leaf insects found severe protozoa infestation, prompting husbandry reviews and the implementation of mitigation measures.

Advanced Medical Technologies in Animal Healthcare

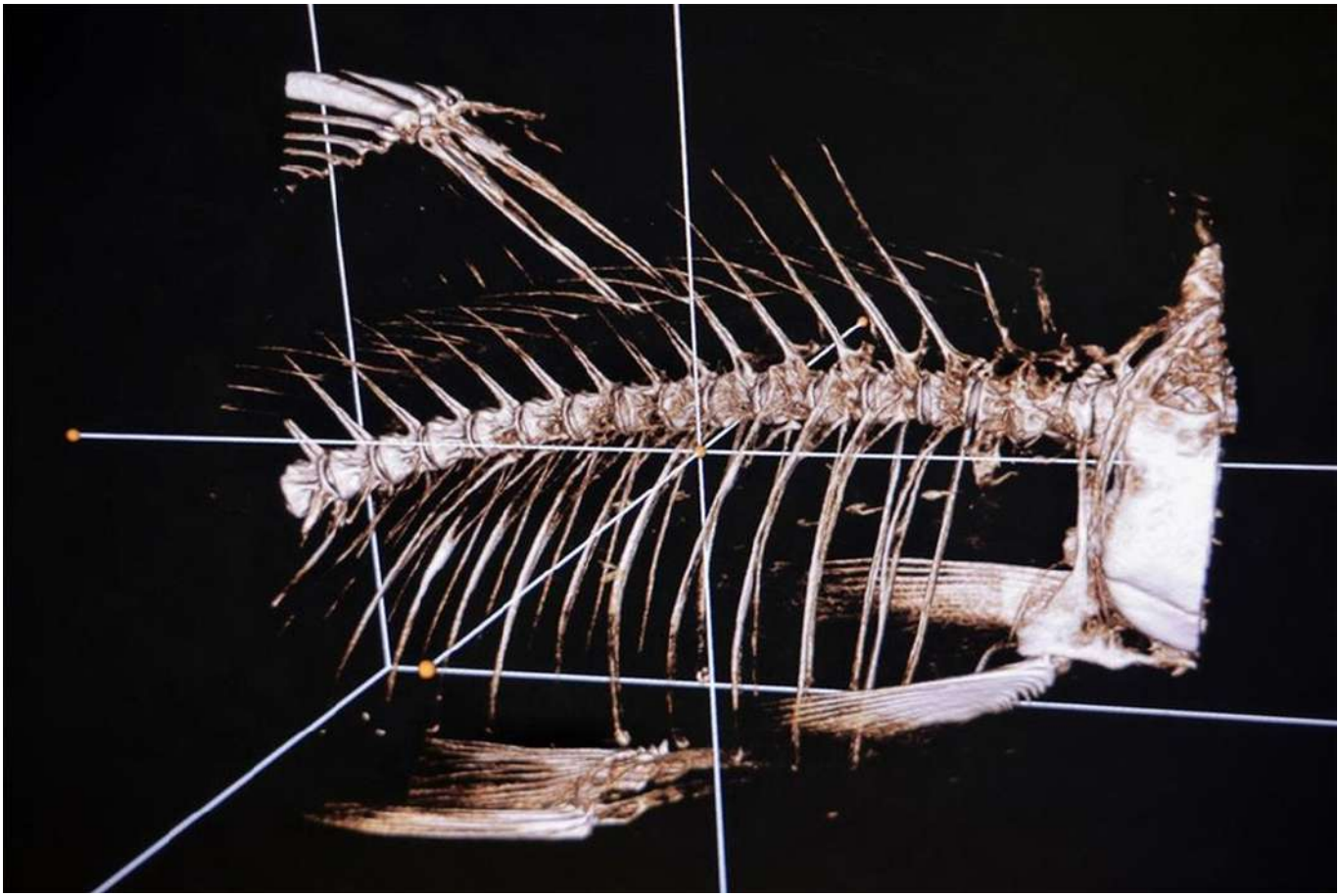
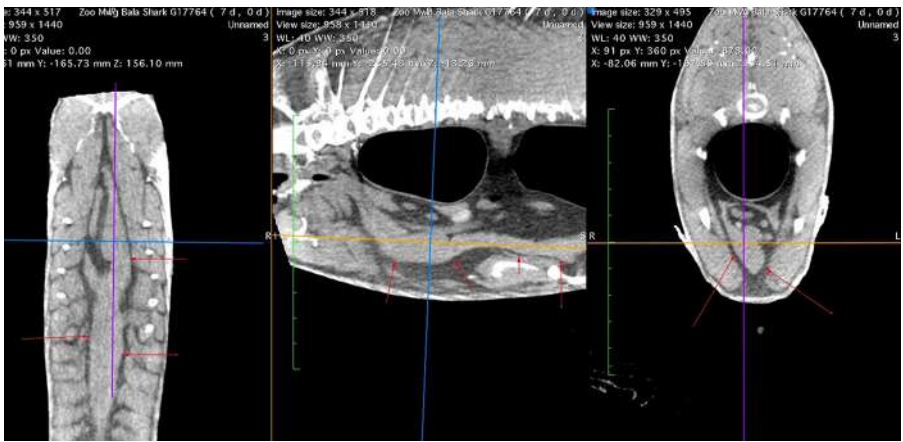
Our Veterinary Healthcare team harnesses innovative medical technologies to push the boundaries of diagnostics and treatment, supporting customised and timely interventions. Our state-of-the-art Avian Hospital is purpose-built for birds, yet equipped to deliver world-class care for animals of every kind. This FY, we conducted our first-ever CT scan on a bala shark.



The bala shark was sedated underwater before being placed upright, supported by wet sponge, for the 45-second CT scan.

First-Ever CT Scan on A Fish

At River Wonders, a bala shark was observed to be swimming abnormally. To diagnose the issue, we conducted our very first CT (Computed Tomography) scan on a fish in May 2024. The resulting 3D high resolution image showed no broken bones, with symptoms likely caused by a soft tissue injury. After two weeks of anti-inflammatory medication, the bala shark recovered.



Playing A Leading Role In Conserving Biodiversity

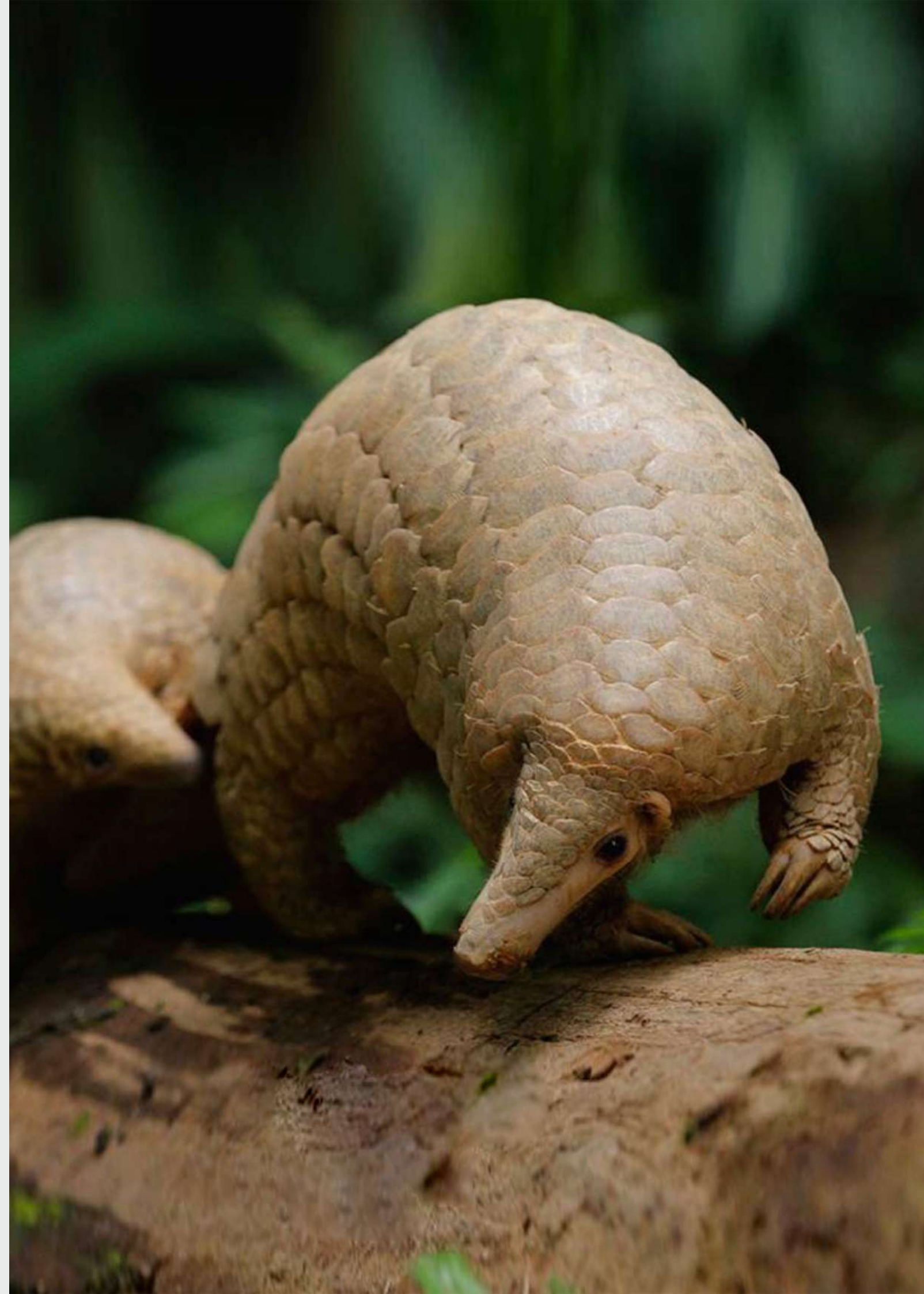
As a purpose-led organisation, we are committed to conserving biodiversity, both locally and across Southeast Asia. Through our conservation arm, Mandai Nature, we support and fund impactful field conservation projects, working with partners and stakeholders to safeguard threatened species in Singapore and the region. We contribute to

sustaining genetically healthy animal populations under human care by participating in over 200 global managed species breeding programmes. Adopting IUCN's One Plan Approach, we work with conservation partners and government agencies to reintroduce the offspring of targeted threatened species back to their native

habitats. Through our animal ambassadors, we connect people with wildlife and nature, and advocate for positive actions towards a healthier planet. By providing medical and rehabilitative support to some 1,100 rescued native wildlife annually, we deliver direct impact on protecting Singapore's natural heritage.

FY24/25 HIGHLIGHTS

- **Bred 143 species, including 34 threatened species,** to help sustain genetically healthy animal populations under human care on a global level.
- Provided funding to our conservation arm, Mandai Nature in support of local and regional projects that **protect over 50 threatened species and 458,000 hectares critical habitats.**
- **Repatriated 10 Critically Endangered Negros bleeding-heart pigeons** bred in Bird Paradise to their home habitat in the Philippines for eventual repopulation.
- **Trial-released eight Rote snake-necked turtles** in two lakes on Rote Island, their native habitat.
- **Provided medical and rehabilitative support for 1,146 rescued native wildlife,** of which nearly 60% were released back to the wilds of Singapore.



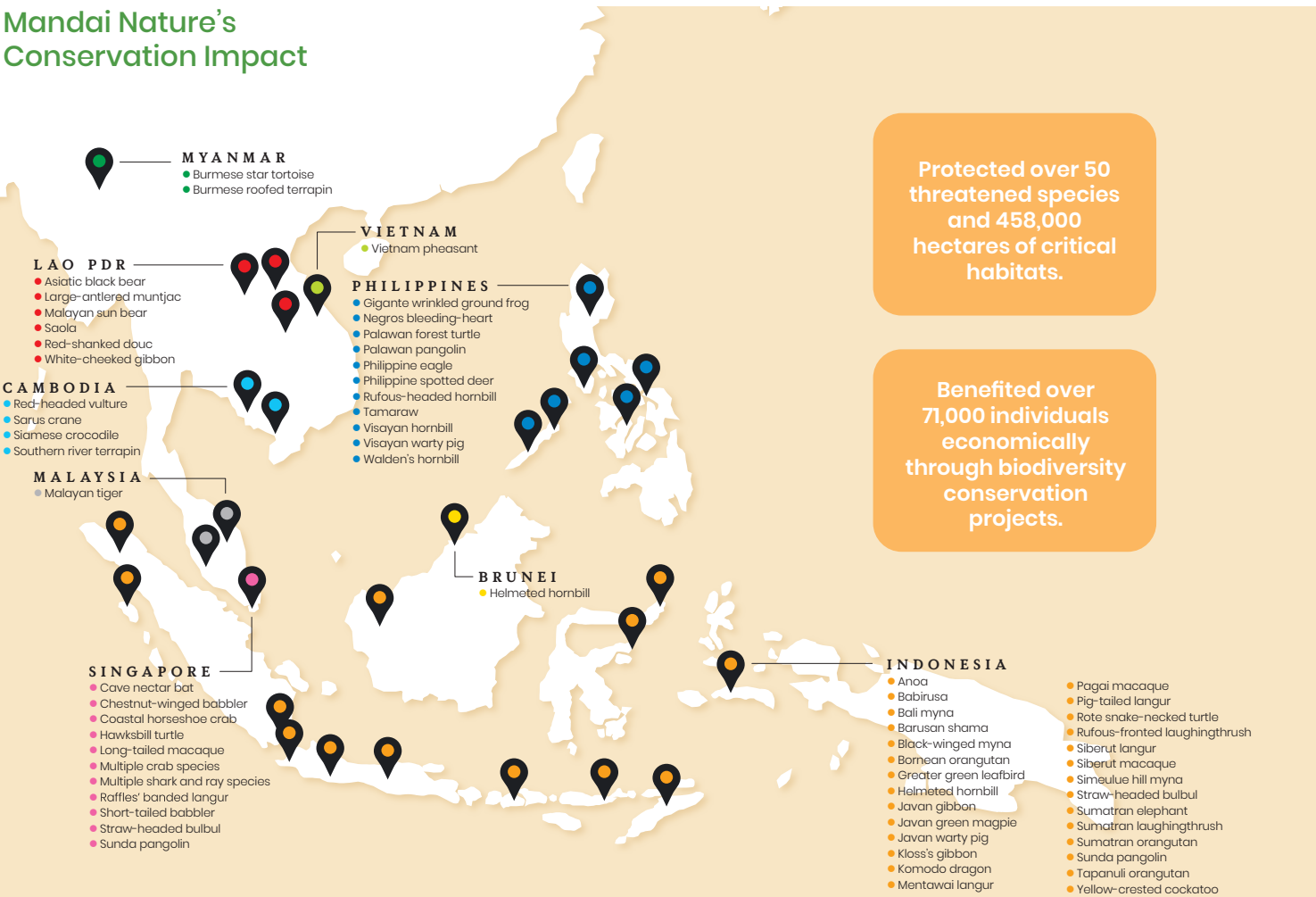
Sustaining Zoological Populations & Conservation Education

Zoos and aquariums around the globe are vital gateways to wildlife experiences. Annually, over 700 million people visit these establishments, which are entrusted with the responsibility of educating and inspiring their guests to act for wildlife and live sustainably. To connect people to wildlife, zoos must first maintain genetically healthy animal populations, and we do so through participation in globally coordinated managed species breeding programmes ([see Annexe for details](#)). In pursuit of our aspiration to inspire every guest, we identify opportunities at all guest touchpoints and multiple digital channels for conservation engagement ([see chapter on Spreading the Message](#)). We continually assess the impact of our communication to curate resonant messaging that inspires positive actions across diverse audience groups.

Averting Extinction Through Mandai Nature

Through our conservation arm, Mandai Nature, we actively support field conservation projects in Singapore and the region. Our funding goes a long way in protecting over 50 threatened species and 458,000 hectares of critical habitats through active patrols and on-ground enforcement. Some 62,000 seedlings were planted for forest enhancement and restoration.

Mandai Nature's Conservation Impact



Please refer to [Mandai Nature Impact Report 2025](#) for more details.

Research Grant to Study Macaque Vocalisation in Singapore

Mandai Nature supports over 10 local projects to safeguard our natural heritage. This FY, it awarded the Singapore Conservation Impact Grant to a doctoral dissertation project on 'Vocal communication in long-tailed macaques and the impact of anthropogenic noise'. These macaques are native to Singapore – a species that was uplisted as endangered by IUCN in 2022. They use a variety

of calls to communicate with one another, and the project analyses their calls for insight into their vocal behaviour. With the knowledge gained, we hope to promote efforts to reduce noise pollution in nature areas.

Right: Mandai Nature has awarded a research grant to study long-tailed macaque vocal communication in Singapore.



Launch of CITES Global Youth Network

The CITES (Convention on International Trade in Endangered Species of Wild Fauna and Flora) Global Youth Network (CGYN) was launched in April 2024. It provides a global platform for youth to share knowledge and empowers them in the fight against illegal wildlife trade. CGYN operates under the guidance of NParks, the CITES Secretariat and Mandai Nature. The inaugural CITES Youth Leadership Programme was held in Singapore to mark the launch of CGYN in April 2024. The event brought 41 youths together from 31 countries for meaningful dialogues and interaction on wildlife conservation and illegal wildlife trade.

Right (above): The inaugural CITES Youth Leadership Programme was held in Singapore to mark the launch of the Global Youth Network, co-founded by Mandai Nature.

Right: CGYN youths racing around Singapore Zoo to complete activities related to illegal wildlife trade themes.

Photos: Shenn Tan





Launch of the Asian Langurs Conservation Action Plan

The Asian Langurs Conservation Action Plan 2024-2034 was launched in August 2024 by the IUCN SSC Primate Specialist Group, Mandai Nature, Re:Wild, German Primate Center and Primate Conservation Inc. This is the first time an action plan has been created for a group of primates rather than focusing on a single species. As many of the species within the group are found in the same region and face similar threats, this holistic approach

allows for efficient and effective stakeholder engagement to protect leaf-eating monkeys in Singapore and the region.

Above:
The critically endangered Raffles' banded langur, found only in Singapore and southern Peninsular Malaysia, is included in the action plan.

Right:
The critically endangered Bornean banded langur is one of 20 Asian langurs identified for conservation action.
Photo: Chien Lee



The First International Colobine Monkey Day

Demonstrating thought leadership in conservation advocacy, Mandai Nature proposed to establish International Colobine Monkey Day on 25 August each year. The proposal was endorsed by the International Union for Conservation of Nature (IUCN). Observing this special day helps to raise awareness for 83 species of colobine (leaf-eating) monkeys. The inaugural

commemoration was held on 25 August 2024 in conjunction with the launch of the Asian Langurs Conservation Action Plan 2024-2034.

Right:
Colobine monkeys, like this Maroon langur, are leaf eaters with multi-chambered stomachs.
Photo: Chien Lee.



New Breeding Facility for the Southern River Terrapin

The critically endangered southern river terrapin, thought to be extinct in Cambodia, was rediscovered in 2001. The rediscovery prompted Wildlife Conservation Society (Cambodia) and the Cambodian Fisheries Administration to begin conservation work to restore the wild population. Since 2012, we have been supporting this project through Mandai Nature (formerly Wildlife Reserve Singapore Conservation Fund). A new breeding facility at the Koh Kong Reptile Conservation Centre in Cambodia was unveiled in July 2024 to cope with the expansion in the conservation breeding of the species. In conjunction, 20 southern river terrapins were returned to their natural habitat along the Sre Ambel river, the tenth release since 2015 as part of efforts to repopulate the wild. To date, a total of 206 individuals have been released.

Above:
The critically endangered southern river terrapin with a hatchling. The species was thought to be extinct in Cambodia before its rediscovery in 2001 in the Sre Ambel river.
Photo: Wildlife Conservation Society (Cambodia)

Below:
Releasing 20 southern river terrapins into their natural habitat at the Sre Ambel river in July 2024.
Photo: Wildlife Conservation Society (Cambodia)



Right:
Chairman of Mandai Nature, Mr Robin Hu, opening the new breeding facility for the southern river terrapin in Cambodia.
Photo: Wildlife Conservation Society (Cambodia)



One Plan Approach To Species Conservation

The old approach to species conservation operated in two silos: the first track focused on protecting wild populations in their natural habitats, while the second track involved breeding carried out in zoos and aquariums to maintain genetically diverse populations under human care. IUCN developed the transformative One Plan Approach (OPA) to integrate these two tracks, bringing together field researchers and conservationists, zoos, aquariums, government agencies and local communities to maximise the impact on species preservation through well-coordinated conservation solutions. We manage several threatened Southeast Asian species under the OPA. The FY saw good progress made on two OPA species with successful repatriation and trial releases in their native ranges.

Reintroduction of the Rote Snake-necked Turtle

The Rote snake-necked turtle is a critically endangered species that has not been sighted on its native Rote Island, Indonesia since 2009. Determined to snatch this species from the brink of extinction, we collaborated with various zoos and conservation partners to embark on a multi-year conservation plan. In FY24/25, the efforts culminated in the trial release of eight turtles into Lake Ledulu and Lake Lendeoen on their native Rote Island, with more releases planned for the future. Guided by the One Plan Approach and with the support of the local government, project stakeholders leverage on the expertise and resources of one another to achieve tremendous progress on this project.



In the FY, eight Rote snake-necked turtles were trial released into their native habitat on Rote Island, Indonesia.

Successful Repatriation of the Negros Bleeding-Heart Pigeons

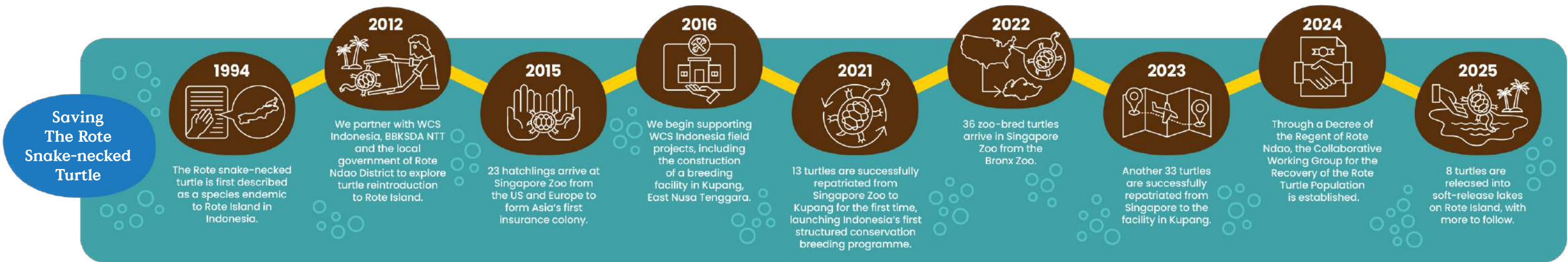
Ten Negros bleeding-heart pigeons bred in Bird Paradise were returned to their native Philippines on 15 January 2025 for the first time. This critically endangered species is endemic to Negros and Panay islands, with fewer than 250 mature individuals left. Led by the Philippines government in collaboration with Talarak Foundation, the repatriation is part of broader conservation efforts to recover wild populations and ensure the pigeon's long-term survival. Since 2021, the insurance colony and conservation breeding programme in Jurong Bird Park, and subsequently Bird Paradise, have created a safety net for the species under human care, with 19 chicks hatched to date. Adopting the One Plan Approach, we are working with the local government and conservation partners to achieve the ultimate goal of reintroducing the chicks to their native habitat for repopulation.



Above:
Ten Negros bleeding-heart pigeons bred in Bird Paradise were repatriated to their native Philippines for eventual repopulation of the wild.



Right:
The Negros bleeding-heart is endemic to Negros and Panay islands in the Philippines, with fewer than 250 mature individuals left.



Conservation in Our Backyard

Nestled next to the Central Catchment Nature Reserve, the Mandai Wildlife Reserve plays a crucial role in supporting the surrounding ecosystem. From the onset of the Mandai Rejuvenation Project, we embraced the principle of sensitive development to minimise its impact on the environment, implementing protective measures including noise and dust control, erosion prevention, forest retention as buffer zones and wildlife protection. To enhance eco-connectivity, we prioritised the construction of Mandai Wildlife Bridge, which is well utilised by native wildlife as a safe crossing.

Throughout the FY, we maintained a strong on-site presence with weekly inspections and monthly audits of all our construction sites. These checks ensured contractor compliance with the Environmental Management and Monitoring Plan to support our broader efforts in protecting biodiversity.

Restoration of Degraded Buffer Forests

To minimise the impact of the Mandai Rejuvenation Project and our day-to-day park operations on the neighbouring Central Catchment Nature Reserve, we actively manage 13 hectares of buffers and retained forests. These buffer zones account for 19% of our development footprint, serving as ecological impact absorbers and habitats for native wildlife. We aim to restore 2.7 hectares of degraded areas within the buffer zones by 2030. In the FY, 0.8 hectare was rehabilitated through forest clean-ups, weeding and the planting of native trees by over 350 staff, volunteers and corporate partners. To date, 1.6 hectares have been restored.

Right:
To date, we have restored 1.6 hectares of degraded buffer forests between our parks and the neighbouring Central Catchment Nature Reserve, on track to meet our target to rehabilitate 2.7 hectares by 2030.



Mandai Wildlife Bridge – Five Years On

In operation for over five years, Mandai Wildlife Bridge reconnects the forest on both sides of Mandai Lake Road and provides a safe passage for wildlife. Thanks to a robust planting strategy to simulate a tropical forest, the bridge has been well used by over 80 species, including large animals

like sambar deer and wild pigs, elusive ones such as Sunda pangolins and lesser mousedeer, as well as arboreal species like long-tailed macaques and common palm civets. We will continue to track long-term usage trends and identify opportunities to enhance forest connectivity.



Mandai Wildlife Bridge with newly planted trees in FY19/20 (left photo). Since 2023, the bridge (right) has maintained more than 85% canopy tree cover.

Biodiversity Management

We adopt a science-based approach to biodiversity conservation and management across the Mandai Precinct. Wildlife monitoring helps us formulate effective ecological restoration and other mitigating measures. In FY24/25, 1,400 sightings in the precinct were documented by staff and volunteers. The result revealed a total of 809 species represented by mammals, reptiles, amphibians, birds and invertebrates – a thriving ecosystem with rich biodiversity well worth protecting for future generations.

Right:
Camera traps and surveys on the Mandai Wildlife Bridge have revealed elusive animals like the lesser mousedeer using the crossing.



Targeted Efforts in Protecting Native Species

With the Mandai Precinct being so biodiverse, we adopt a targeted approach to prioritise conservation efforts on six focal species, based on their current population status and conservation and management needs (see page 141 for our focal species list). We highlight on-going efforts for three of our focal species here.

Straw-headed Bulbul

The critically endangered straw-headed bulbul is extinct in much of its Southeast Asian range but thrives in Singapore. With the Mandai Precinct supporting 1-3% of its global population, it is imperative that we prioritise conservation efforts on this species. We have been conducting research within the precinct to gain insights into the ecology and reproduction biology of the species. The knowledge gained from caring for this species in Bird Paradise and the on-going research in the wild will help inform conservation measures to ensure the long-term survival of the straw-headed bulbul.



Sunda Colugo

The Mandai Precinct supports a healthy population of wild Sunda colugos, which are nocturnal gliding mammals. Population studies have been conducted since 2020, and 150 colugos, based on their unique coat colours and markings, have been identified.

The survey results provided impetus for us to enhance their habitat to ensure that the colugo population continues to thrive in our backyard. Efforts to restore degraded forests and install colugo poles have greatly improved habitat connectivity for this gliding mammal. Our team uses a connectivity modelling tool to determine gliding distances and the best locations to set up the poles.

Apart from protecting the colugos in our backyard, our vets also treat injured colugos rescued from across Singapore. Many are found with worn-down claws. The vets reshape their claws to ensure that they can climb and cling to trees when released back into the wild.

During the FY, we embarked on a long-term research project to investigate the colugo's lifespan, reproductive behaviour, social dynamics, and dietary habits. The information gathered will guide us in implementing effective conservation measures for this nocturnal gliding mammal.



Stingless Bees

Stingless bees are relatively unknown as pollinators although they contribute up to 65% of pollination activity. Ranked amongst the smallest of bees, they pollinate flowers too tiny for honeybees. Recognising their ecological role, we have included stingless bees as one of our focal species.

The Mandai Precinct is home to healthy populations of stingless bees. They nest mostly in tree hollows. When a colony is found to be under threat, we translocate the section of the tree containing its nest or encourage the bees to establish in a new hive box by carefully transferring the brood cells and nest materials.

Not neglecting other bee types, we have erected 'insect hotels' around Mandai for solitary bees and other insects to nest in.

Above:
The critically endangered long-chinned stingless bee (*Geniotrigona thoracica*) is one of 15 stingless bee species in Singapore.

Below (left):
A rescued stingless beehive at Singapore Zoo's Fragile Forest allows guests to observe the harmless bees up close and learn about pollination.

Below (right):
We have erected insect hotels in Mandai Wildlife West and elsewhere in the Mandai Precinct for solitary bees and wasps to nest and shelter in.

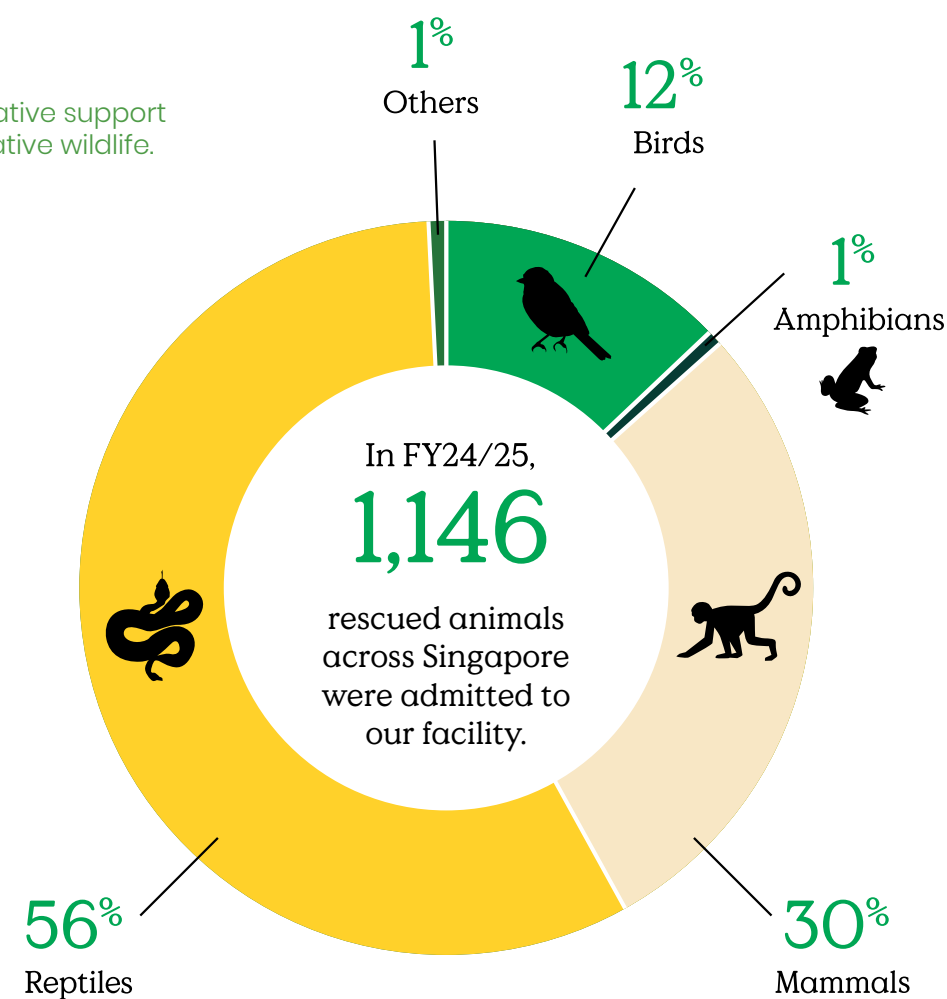


Providing Care & Rehabilitating Rescued Wildlife

Apart from caring for our animals in all five parks, the Veterinary Healthcare team also plays a critical role in treating local wildlife rescued from across Singapore. Importantly, we are the designated care provider for all wild pangolins.

In FY24/25, 1,146 native animals were admitted to our Wildlife Healthcare and Research Centre to receive veterinary treatment and rehabilitative support. Nearly 60% recovered and were released back into the wild in collaboration with NParks. By performing this vital service, we contribute directly to saving local wildlife. Our contribution will be given a leg up come 2026 with the opening of our third purpose-built hospital dedicated solely to the care and rehabilitation of rescued native animals.

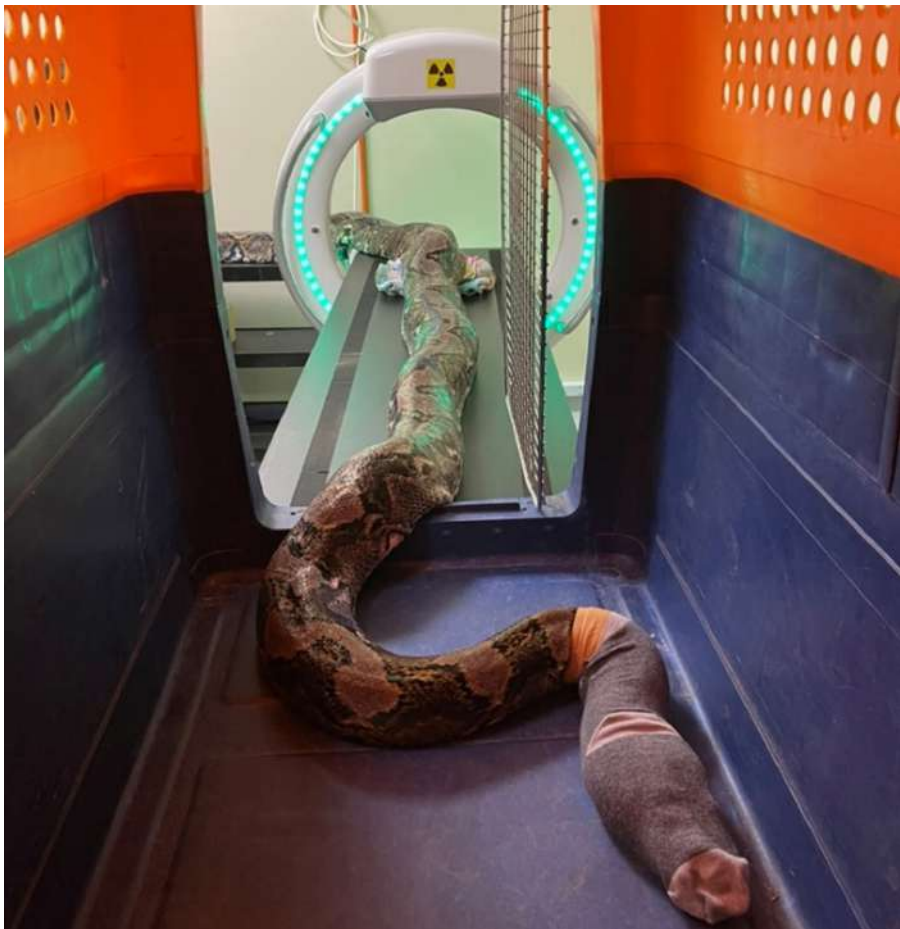
FY24/25
Medical & rehabilitative support
for **1,146** rescued native wildlife.



Reticulated Pythons Top The List

Almost 60% of the rescued native wildlife admitted to our facility are reptiles – mostly reticulated pythons. Upon successful treatment and rehabilitation, the pythons are implanted with a microchip for identification before being released into suitable habitats in consultation with NParks.

In a noteworthy case, a massive 6.5 metre-long python rescued by ACRES had wounds, deformities, and severe spinal injuries confirmed via radiographs and a CT scan. These injuries were likely caused by a traumatic event such as a motor vehicle accident. With treatment, its condition improved initially. Unfortunately, its health deteriorated eight months later, and it was euthanised on grounds of grave prognosis and welfare.



Right (above):
A rescued reticulated python undergoing a CT scan. At 6.5m long, it was among the largest we have ever admitted.



Right:
The reticulated python is the world's longest snake. It tops the list of rescued wildlife in Singapore.

One Fight, Two Outcomes

On 17 July 2024, two wild Sunda pangolins were found entangled in a fight inside a drain within the Central Catchment Nature Reserve. An onlooker alerted NParks to the confrontation and the scaly anteaters were rushed to us. Both pangolins turned out to be males. The smaller male suffered severe wounds. Despite treatment attempts, its condition worsened, and it had to be put down. The larger male

sustained minor wounds on its feet. It responded to treatment and was eventually released by NParks.

Below:
Two wild Sunda pangolins entangled in a fight. They were rescued and sent to us for medical support.
Photo: Lena Chow



First Success In Treating Snake Sprayed with Insecticide

A wild painted bronzeback was rescued after it had entered a residence and was sprayed with insecticide. It displayed concerning neurological signs when admitted to our facility. Upon treatment, it recovered and was later released. Most snakes sprayed with insecticide present dead or in severe

condition and have to be euthanised. As such, the successful treatment of this snake was a significant victory for us.

Below:
The non-venomous painted bronzeback is common in Singapore. Rather harmless, it should be left alone.



Environmental Sustainability

We are committed to achieving net-zero carbon emissions by 2050 to combat biodiversity loss resulting from human-induced climate change and unsustainable practices. We established a carbon accounting framework to track our emissions and facilitate the implementation of effective

measures in reducing the impact of our operations on the environment. We are the first zoological institution globally, and the first Singapore-based tourism organisation to have our Net Zero GHG (greenhouse gas) emission targets approved by the Science Based Targets initiative (SBTi). In recognition of

our sustainability best practices, we have been accorded membership by the Global Sustainable Tourism Council. Being conferred the prestigious 2024 World Association of Zoos and Aquariums (WAZA) Environmental Sustainability Award epitomises our relentless efforts in decarbonisation.

FY24/25 HIGHLIGHTS

- Bagged the prestigious **2024 World Association of Zoos and Aquariums (WAZA) Environmental Sustainability Award**.
- Certified as a **sustainable tourist destination under the Global Sustainable Tourism Council (GSTC) Destination criteria**.
- Provisionally awarded **NParks' Landscape Excellence Assessment Framework (LEAF) Platinum Certification for Rainforest Wild ASIA**.
- **Commissioned our largest bi-facial solar panel system at Mandai Wildlife West's multi-storey carpark** to generate 972 kWp, equivalent to powering 240 four-room HDB flats for a year.
- **Achieved water intensity of 0.165m³/guest**, exceeding our target of 0.21m³/guest seven years ahead of schedule.
- **Raised the recycling rate in our parks from 22% to 24%**.
- Achieved a **20% reduction in waste generated** from 0.82kg/guest to 0.65kg/guest.





Winner of the 2024 WAZA Environmental Sustainability Award

We are deeply honoured to receive the 2024 World Association of Zoos and Aquariums (WAZA) Environmental Sustainability Award. This prestigious accolade recognises our comprehensive environmental sustainability best practices, and our efforts in rallying the business community to embark on the journey together. It is an affirmation of our staff engagement and public outreach programmes. The award acknowledges our organisation as the first zoological institution to have our Net Zero science-based targets validated by the Science Based Targets Initiative (SBTi).

Below:
Group CEO of Mandai Wildlife Group
Mr Mike Barclay (right) and
Vice President of Sustainable Solutions
Ms Rohaya Saharom (centre)
receiving the WAZA Environmental
Sustainability Award at the 79th
WAZA Annual Conference in
November 2024.

Photo: WAZA.



A Sustainable Tourist Destination

The Mandai Wildlife Reserve was certified as a Sustainable Tourist Destination under the Global Sustainable Tourism Council Destination Criteria. The coveted certification reflects our commitment in decarbonising our operations and promoting eco-friendly travel.





Sustainable Operations

We endeavour to deliver the best animal care and exceptional guest experience with minimal ecological and climate impact. With a strong sustainability ethos at the heart of our operations, we have made encouraging progress towards Net Zero by focusing on resource stewardship, green transport and responsible procurement.

Resource Stewardship

We tackle three key areas to optimise resources:

- Adopting clean and renewable energy while enhancing energy efficiency in our operations.
- Conserving and recycling water.
- Striving towards zero waste.

Above:
Our largest on-site solar panel system at Mandai Wildlife West's multi-storey carpark, with a generation capacity of 972 kWp, equivalent to 240 four-room HDB flats for a year.

Energy Optimisation

In the FY, we commissioned our largest on-site solar panel system at Mandai Wildlife West's multi-storey carpark to generate 972 kWp of solar energy. At our new park Rainforest Wild ASIA, the solar power system contributes an additional 340 kWp. Together, energy generated is sufficient to power 330 four-room HDB flats for a year. Our system uses bi-facial solar panels, generating energy from the top and undersides, unlike conventional top-sided solar panels. To date, about 4% of our energy consumption is supplied by on-site solar. Moving forward, we will install more solar panels at all available roof spaces where feasible.

Through various optimisation measures, we reduced non-renewable energy consumption in our wildlife parks (excluding the newly-opened Rainforest Wild ASIA) by 11% compared to FY23/24.

Saving & Recycling Water

We met our initial water target of 0.21 m³/guest last FY, seven years ahead of schedule. This FY, we achieved a further 18% reduction in potable water intensity in our wildlife parks (excluding the newly opened Rainforest Wild ASIA) to hit 0.165 m³/guest, attained via infrastructure upgrades and park-wide water metering to monitor usage and leakages.

Our new wastewater recycling facilities are fully operational. Using membrane technology, they treat wastewater into high-quality recycled water for non-potable usage to support 21% of our water needs. Our new parks have rainwater harvesting tanks to meet another 5% of our water needs.



Above:
Our central kitchen uses a food digester to convert two tons of food waste daily into liquid nutrient by-product to fertigate plants.

Left:
Madagascan hissing cockroaches eating raw food waste from our F&B kitchens and leftover animal feed. The roaches are in turn used to feed our animals.

Towards Zero Waste

Our waste reduction strategy is based on the principles of refusing, reducing, reusing, repurposing, and recycling. Having removed all single-use plastics from park operations, guests can refill their bottles at our water dispensers while our F&B outlets offer reusable tableware for dining in. In the FY, we launched a Bring-Your-Own (BYO) initiative to encourage staff and guests to bring their own containers for takeaways. At the same time, a charge for disposable takeaways was introduced.

We also launched an internal campaign to encourage staff to recycle clean to avoid contaminating the other items in recycling bins, wasting all efforts. The percentage of correctly recycled waste in our corporate offices rose from 19% to 28%.

Overall, we achieved a 20% reduction in general waste intensity produced in our parks (excluding the new Rainforest Wild ASIA) at 0.65 kg/guest, dropping from 0.82 kg/guest for the last FY.

Trials to valorise animal dung with a digester machine is under way. With some 60,000 kg of animal dung (close to 20% of total waste) generated each month, efficient conversion of dung into higher value resource streams for horticulture use or as feed for black soldier flies will reduce our carbon footprint significantly.

Food waste is also another big contributor to waste intensity. We strive to reduce pre-consumer food waste through improved portion sizing and better forecasting of guest demand to inform meal preparations.

Meanwhile, we are doubling down on these efforts to valorise waste streams:

- Using black soldier flies, hissing cockroaches and Malaysian blue worms to compost raw food waste from our F&B kitchens and leftover animal feed. These invertebrates create a closed-loop system as they are in turn used to feed our animals.
- Using a food digester to convert two tonnes of food waste daily into liquid nutrient by-product to fertigate plants.
- Using an app to track horticultural waste generated and upcycled into mulch and animal bedding.



Green Transport

We are on track to hit our target of converting 100% of our internal fleet to electric vehicles or vehicles with low-carbon fuel by 2030. We fully electrified our Mandai-Khatib shuttle bus service in June 2024, equivalent to removing 78 cars from the roads each year. At present, all trams, buggies, and 80% of our vans have been electrified. Twenty electric vehicle (EV) charging points were installed across our carparks, with plans for a further increase.

Above:
In the FY, we fully electrified our Mandai-Khatib shuttle bus service, equivalent to removing 78 cars from the roads each year.

Right:
At least 20% of the food offerings in Mandai's F&B outlets feature meat-free options.

Responsible Procurement

We are guided by our Green Procurement Policy (GPP) which defines sustainability criteria for the procurement of over 20 product categories including palm oil, seafood, coffee and tea. During the FY, we met our targets to source 100% of our seafood sustainably, buy 100% of our chicken eggs locally, and ensure that 100% of Mandai-produced paper-based products are FSC-certified or 100% recycled.

Today, we use only Certified Sustainable Palm Oil in our kitchens, and we do not serve unsustainable seafood such as wild-caught crabs. Additionally, at least 20% of the menus in our F&B outlets feature plant-based options. Serving meals with sustainable ingredients gives us opportunities to rally guests to 'Choose Sustainable' and help lighten the climate impact of food consumption.



Sustainable Retail Operations

Our retail strategy directs us to carry at least 60% sustainable merchandise in our retail outlets, and we are well on track, having achieved 59% in the FY.

Together with Superstructure, we launched a vibrant range of crafted bags and card holders made from PVC fabric and ropes repurposed from a photography exhibition at Bird Paradise. We continued our collaboration with WWF,

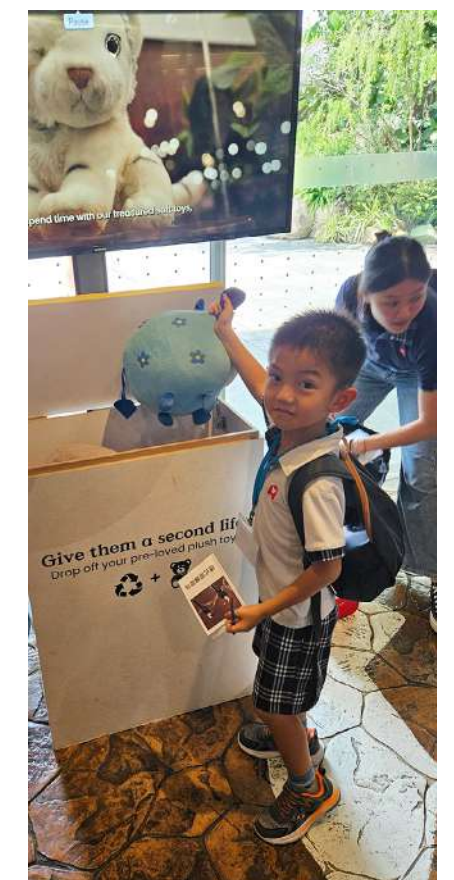
Hornbill Specialist Group and Wild Republic in support of conservation and environmental projects and to promote the use of natural or recycled materials.

To encourage guests to act for a healthier planet, our retail shops double up as collection points for pre-loved plushies which are recycled at Soft Toy Hospital into usable parts or into redesigned plushies for sale or as gifts.



PVC fabric and glow-in-the-dark ropes from a photography exhibition at Bird Paradise were upcycled into attractive accessories sold at Mandai retail outlets.

Below (left & right): Preschoolers doing their part for the planet – in addition to donating their pre-loved plushies, they helped to spread the recycling message through their art pieces which were displayed at the Zoo Entrance Retail Outlet.



Sustainable Design – Rainforest Wild ASIA

Rainforest Wild ASIA was designed and built with low carbon and nature-sensitive principles in mind, as with other features in the Mandai Wildlife Reserve. Before construction, some 2,000 saplings found on site were harvested, taken care of in a nursery and later transplanted back. Elevated walkways were constructed using micro-piling techniques to reduce carbon footprint and aligned to avoid the removal of existing trees. Consequently, we were able to retain over 300 trees, including durian and rambutan trees left behind by the villagers as well as wild cinnamon, Malayan banyan and yellow-stemmed fig trees. Retaining as many plants as possible helps to lighten the development impact on native

species that depend on them for food and shelter. To enhance habitat and connectivity for local wildlife, more than 7,000 native trees and palms were planted. In addition, we cultivated a variety of flowering plants to encourage pollinator activity.

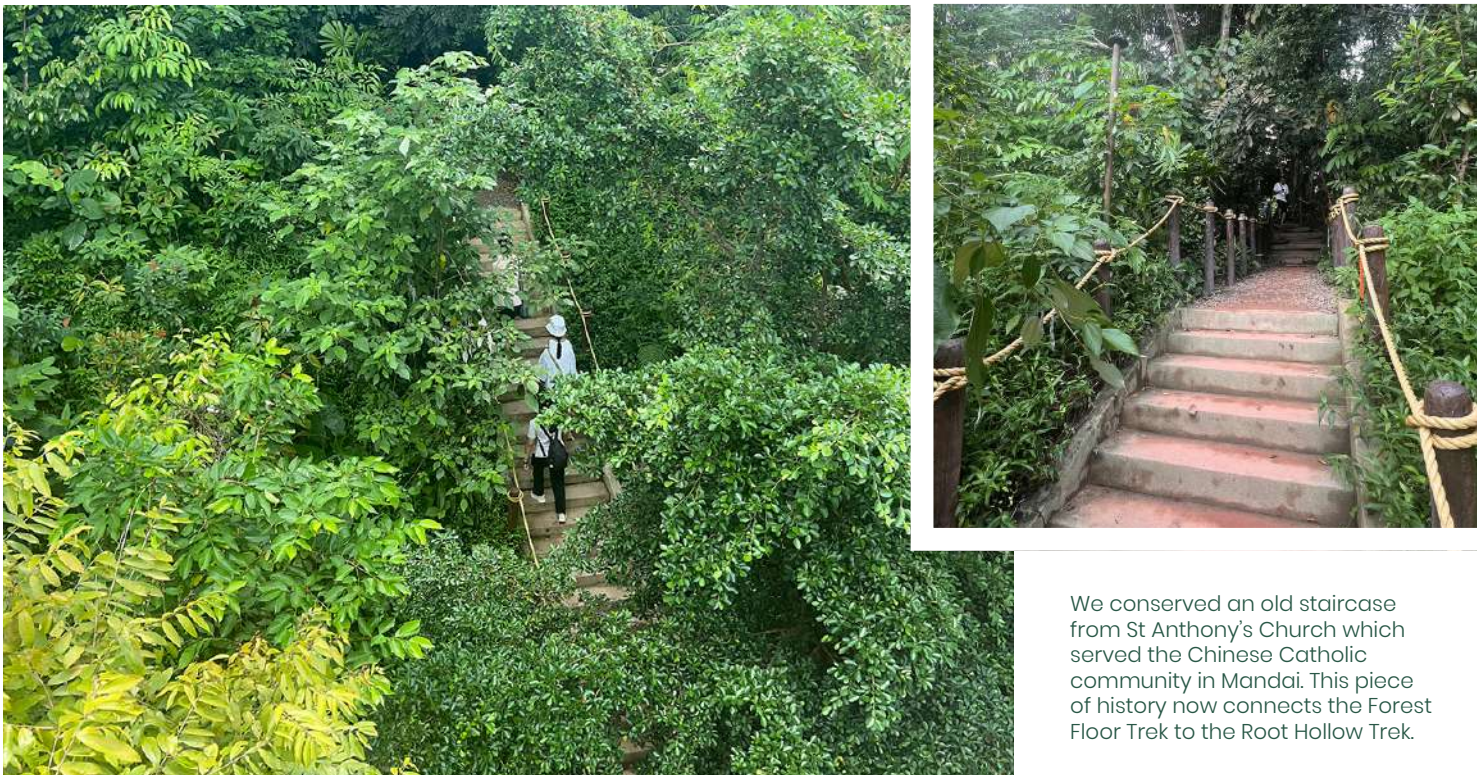
To minimise operational impact on the adjacent biodiverse Central Catchment Nature Reserve (CCNR), we retained a 45-metre-wide forest strip as a buffer between the park and the reserve. It shields the CCNR from noise, light, and human disturbance, while supporting wildlife use.

Rainforest Wild ASIA has been awarded NParks' LEAF Platinum certification, in recognition of

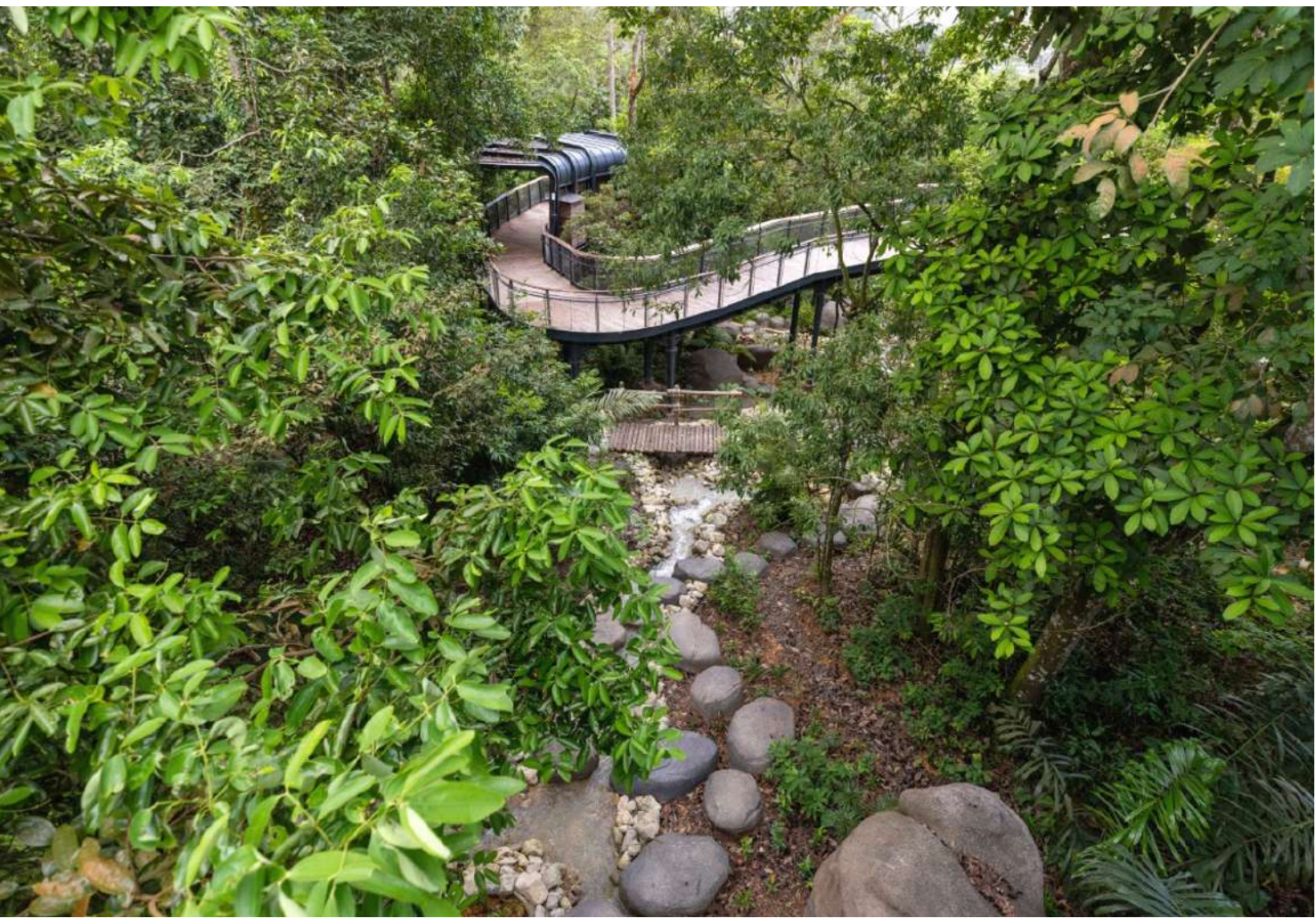
our dedication to sustainable design and park management. It joins all four of our other wildlife parks in achieving the accolade.



Below: Nature-sensitive principles were employed in the design and construction of Rainforest Wild ASIA. Elevated walkways were aligned to avoid removal of existing trees, and 2,000 on-site saplings were harvested and transplanted back after construction. Another 7,000 native trees were also planted to encourage native wildlife to thrive.



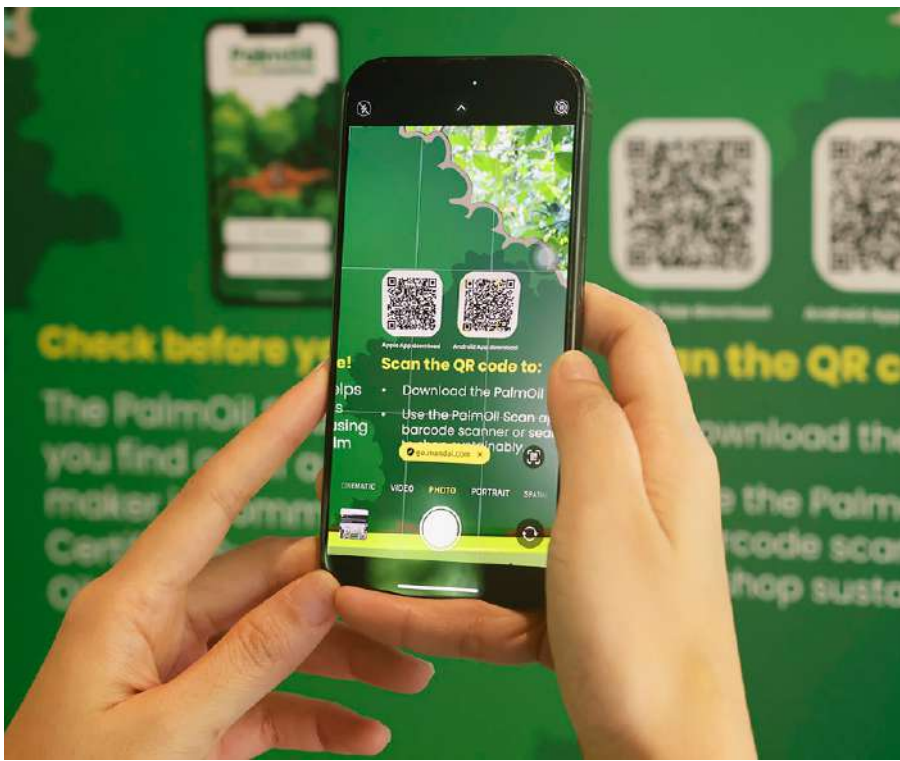
We conserved an old staircase from St Anthony's Church which served the Chinese Catholic community in Mandai. This piece of history now connects the Forest Floor Trek to the Root Hollow Trek.



Choose Sustainable – WAZA Palm Oil Scan App

Collaborating with WAZA (World Association of Zoos and Aquariums) and with the help of our volunteers (see page 105), we activated the Singapore edition of the WAZA Palm Oil Scan App. Members of the public can now scan the bar codes of products sold locally to check the companies' sustainable palm oil sourcing commitments and make informed consumer choices.

Right: Our volunteers spent 210 hours conducting checks on companies to help us build the Singapore edition of the WAZA Palm Oil Scan App.



Spreading the Message

Inspiring Behavioural Change & Positive Actions

Real change starts with inspiring our staff and guests to act with conviction towards fulfilling the conservation and sustainability goals inherent in our guest engagement. Anchored by Mandai's Conservation and Sustainability Pathway to Change Framework, we

adopt a research-informed approach to dismantle barriers and encourage behaviours that protect our biodiverse planet. This FY, we doubled down on efforts to strengthen Mandai's positioning as The Living Classrooms with the Mandai Action for Wildlife pilot programme, and Applied

Learning and Career Guidance opportunities. We continued to deepen partnerships with the Ministry of Education and schools in curating skill-based environmental education programmes and resources to foster eco-stewardship while honing students' 21st Century Competencies.

FY24/25 HIGHLIGHTS

- **Engaged 345,000 school visitors, park guests and members of the public** with conservation and sustainability messaging.
- **Piloted the Mandai Action for Wildlife Programme** to nurture student eco-stewards.
- **Developed our inaugural Design and Technology learning journey at Bird Paradise** that supports MOE's Applied Learning Module.
- **Boosted our overall social reach by 30% to 262 million**, up from 202 million in the last FY, with four million engagements in the form of likes, shares and comments.
- **Mobilised 792 passionate volunteers** who contributed a record 20,100 hours towards guest engagement, animal care, veterinary support, horticulture work, research and conservation.



Nature-Based Multi-Disciplinary Learning

This FY, we continued to build on our strong foundation and expand our network of educators to support our programming. Additionally, we intensified our efforts on curating curriculum-aligned multi-disciplinary programmes to serve secondary schools and Institutes of Higher Learning, a relatively untapped but extremely important segment as it comprises future leaders and decision-makers who can help to build a healthier planet for people and wildlife.

Mandai Action for Wildlife

The Mandai Action for Wildlife Programme (MAWP) is rooted in our aspiration to nurture eco-stewards through a robust ecosystem of support and guidance provided by our zoo educators and wildlife experts. The pilot edition attracted the participation of eight primary and secondary schools as well as 10 preschools.

Supported by Amazon Web Services, MAWP exposes students to wildlife issues in Singapore and guides them to prescribe solutions to address the threats and rally the community to act for native animals. Participants can pick one of three issues:

- **Catastrophic Collisions**
Reduce bird strikes or wildlife traffic accidents.
- **Little-known Native Animals**
Increase protection for little-known native animals.
- **Animal-human Conflict**
Mitigate human-wildlife conflict in an urban setting.

To ensure that the students were well supported, our wildlife experts provided insights into the local conservation projects they championed, while zoo educators conducted skills-building workshops to help the students plan and execute their projects. The students'

efforts culminated in school community engagement to raise awareness about native wildlife. Some of the students would join hands with us during our in-park WILDerFul Singaporeans National Day campaign to lend a voice to native wildlife and inspire guests to learn more about our wild neighbours.

With the encouraging response for the pilot, Mandai Action for Wildlife is set to grow as a powerful platform in bolstering eco-stewardship in our younger generation.



“ I felt most proud when I saw the hard work that went into making the posters and quizzes, how our classmates paid attention to what we said, and how much they learned.”
~ Student from CHIJ (Kellock)

“ Our students really enjoyed the entire journey. They have become more confident, learning to work together and resolve issues. These are the emerging 21st century skills we want them to achieve: being adaptive, being creative, as well as being effective communicators.”
~ Mdm Quah Li Zhen,
Teacher from Kong Hwa School



Above:
Students connect with our wildlife experts to gain insights into native species conservation.

Left:
Students act for wildlife by engaging their schoolmates to raise awareness about native wildlife.



Expanding Our Reach Through Virtual Shows

Ranger Buddies Virtual Shows continued to serve us well as a powerful platform to reach out to a huge number of preschoolers beyond our parks. These quarterly live shows and accompanying teaching resources offer story-led missions to encourage positive action for nature and empathy for wildlife. In FY24/25, we attracted a total of 62,000 viewers for these shows:

- **Get Ready for Zoolympix**
Highlights the unique abilities and adaptations of animals.
- **Singapore WOWlife**
Showcases native wildlife and our work in rehabilitating rescued wildlife.
- **Scaly, Not Scary**
Debunks the myth that reptiles are slimy and scary.
- **Whose Nest is the Best?**
Showcasing the different nest types of birds and the egg-citing Easter Eggs-travaganza at Bird Paradise.



Ranger Buddies Virtual Shows remain available after the live broadcast, serving as a valuable resource for preschool educators.

Curating Design and Technology Learning Journey

We collaborated with the Ministry of Education (MOE), the National Institute of Education and several secondary schools to develop a Design and Technology programme that supports MOE's Applied Learning Module, which aims to broaden students' learning experiences by connecting academic knowledge with real life applications.

Subsequently, our first Design and Technology learning journey took place at Bird Paradise for 34 students from Ang Mo Kio Secondary School. They examined bird feeders, interpretive props and interactive photo-op stations, noting the infusion of elements from material

science, ergonomics and stakeholder engagement. They were presented with challenges such as human-monkey conflict and solutions like deploying monkey-proof bins. This programme further solidified Mandai's positioning as The Living Classrooms where authentic learning can take place regardless of discipline.

Right: Students getting first-hand exposure to the challenges in designing monkey-proof bins that can mitigate human-monkey conflict effectively.

Below: Participants learn how the needs of birds and bird keepers, and safety considerations guide the ergonomic design in bird feeders.



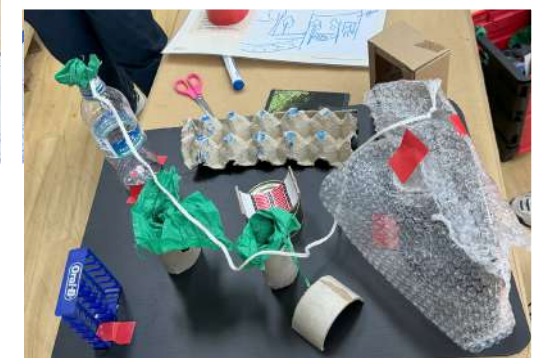
Design Thinking Workshop For Teachers

Design Thinking is increasingly perceived as an essential future-forward skill to be taught at an early age and the Ministry of Education promotes a concerted effort to incorporate it into the curriculum. Educators are also encouraged to seek external partnerships to appreciate diverse applications of Design Thinking in innovation and solving real life problems.

We have been employing Design Thinking to tackle our park challenges. In June 2024, we developed a workshop - **Design Thinking in Exhibit Design** - to help educators explore how Design Thinking creates user-centric zoo exhibits and upholds high animal care standards. This workshop was incorporated into the Academy of Singapore Teachers' training module for Design and Technology educators. It demonstrates the diverse applications of Design Thinking in providing user-centric solutions and in bolstering the spirit of innovation.



Teachers turn 'exhibit designers' during the hands-on session of our workshop - they apply Design Thinking to build prototypes for animal exhibits.



Career Guidance Programme

Responding to many requests for learning journeys to share organisational excellence and what drives the people enablers in Mandai, we piloted a career guidance programme '**Career in Mandai**' with students from Pasir Ris Secondary School and Pasir Ris Crest Secondary School. They gained insights into the roles of various professionals operating our integrated wildlife and nature destination, but more importantly, they came to appreciate the transferrable skills needed to be workplace ready. With refinements, this programme has been successfully launched, not merely as an immersive

learning journey but also as a showcase of the diverse career options in Mandai to spark students' interest, casting a wider net for talent acquisition.

Below: A behind-the-scenes tour to the Avian Health, Nutrition, Breeding and Research Centre allows students to appreciate teamwork as the bedrock of effective organisations.



New Zoo Learning Centre

Our 20-year-old Wildlife Learning Centre was demolished in September 2024 and replaced by the spanking new Zoo Learning Centre housed in the Curiosity Cove building. This venue boasts a 194-seat auditorium and four classrooms of varying sizes, ideal for school engagements, conferences, workshops and events. We welcomed our first group of students in January 2025 for an overnight camp.



Resources For Nature-based Learning

Planning learning journeys can be daunting for many educators. To facilitate planning and execution of seamless and purposeful visits to our parks, we curated a series of 12 video guides, in consultation with child development expert Ms Beth Fredericks. This series highlights specific zones within three of our parks, with suggested nature-based and curriculum-aligned activities to pique curiosity about the natural world, encourage sustainable living, and hone critical thinking and observation skills. Apart from the inclusion of pedagogy tips and downloadable tip sheets, the series also addresses common logistical concerns. Access them here:

- [Singapore Zoo](#)
- [Bird Paradise](#)
- [River Wonders](#)



Above: Ms Beth Fredericks, child development expert, expounds on the benefits of nature-based learning on child development in the video guide. The series also highlights specific zones in our parks, offering curriculum-aligned activities and useful pedagogy tips.

Left: Educators planning learning journeys to our parks can now consult the video guides to plan and execute impactful learning journeys.

Evaluating Impact

Pangolin Trail and Related Programming

The Pangolin Trail was launched in celebration of Night Safari's 30th anniversary. It tells the story of our on-going mission to conserve the critically endangered Sunda pangolin. To evaluate the effectiveness of the Pangolin Trail in raising awareness for the native species, we conducted pre- and post-visit perception surveys on 108 respondents. The result showed that they displayed a 24% increase in pangolin knowledge, a 4% rise in care and connectedness to pangolins and a 6.5% boost in willingness to take action to protect pangolins.

slowly near forested areas, reporting injured or displaced pangolins, and supporting our conservation work.

The results of both surveys were encouraging and indicated that with fully-curated programming, we can spread our conservation messaging even more effectively.

Below:
Carefully curated programming delivered by staff and volunteers helps to improve the effectiveness of our conservation message on the Sunda pangolin.



Partnerships

Go Green SG 2024



In support of the second edition of Go Green SG led by the Ministry of Sustainability and the Environment, we curated various activities for guest and staff engagements:

- Upcycling activities to make fun and challenging animal enrichment devices.
- Soft Toy Hospital Workshop to restore old plushies, promoting sustainable living.
- Self-guided digital tour with HiddenSG to learn about the wildlife-friendly spaces at Mandai.

- Forest clean-up to remove 300 kg of trash from our buffer forest.
- Butterfly surveys to inform landscape planning for more butterfly host plants.
- Fragile Forest behind-the-scenes tours to discover how we reduce food waste using nature's recyclers, namely hissing cockroaches and other invertebrates.

Right:
This digital tour allows guests to uncover wildlife-friendly spaces in Mandai, painstakingly created for native animals to thrive.

Above:
Staff removed 300 kg of trash from our forest buffer at Bird Paradise during a clean-up session.



Digital Engagements

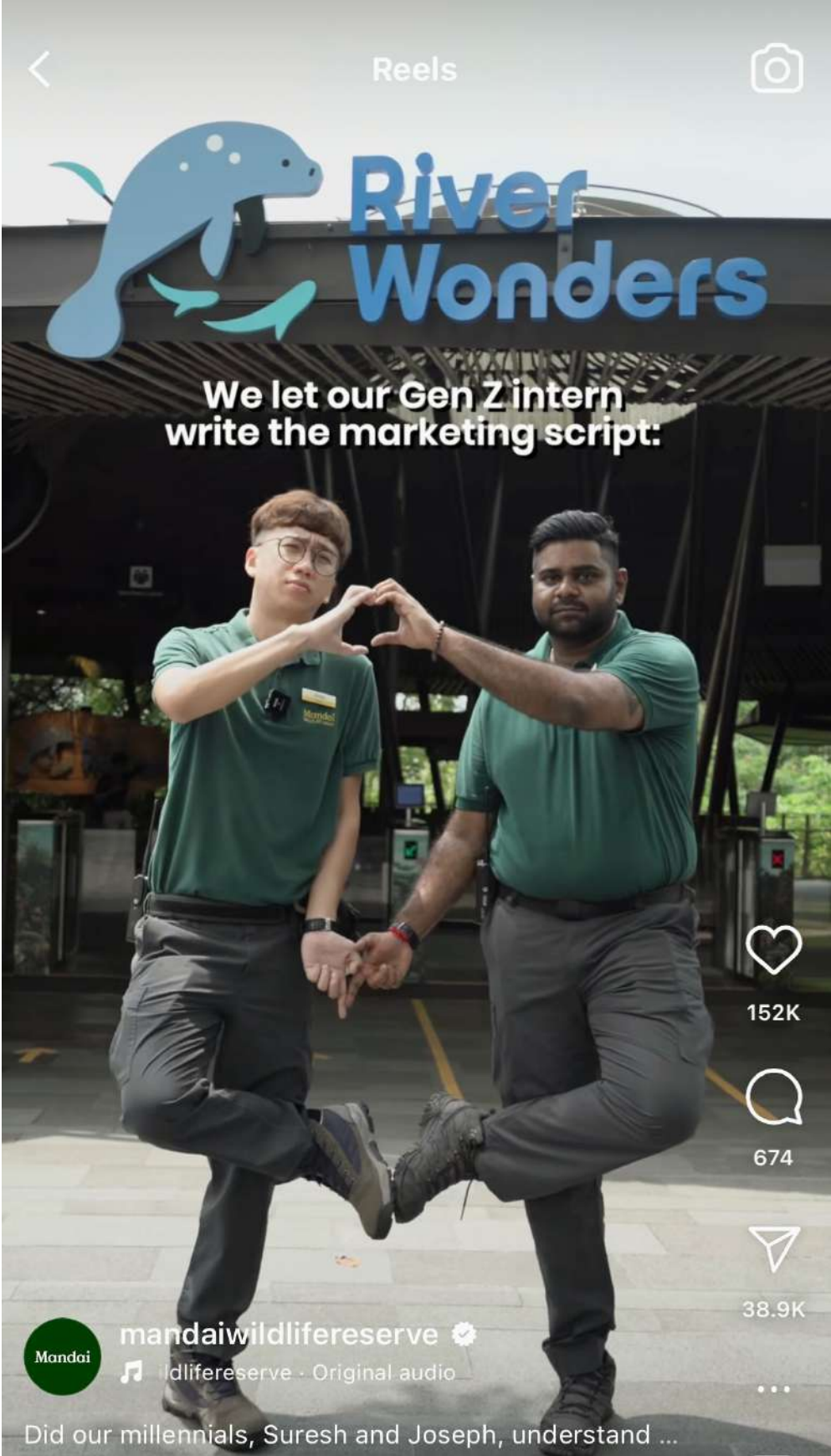
We adopt a social-first approach to reach diverse audience segments beyond our parks and shores, ramping up efforts on curating compelling content to intensify our social media presence via various channels. Overall reach and engagements improved by 30% and 38% respectively, and video views climbed 4% compared to the previous FY. In a nutshell, we now have 1.3 million followers across all socials, with an overall reach of 262 million, four million engagements in the form of likes, shares and comments, and total video views of 87 million.

This FY saw the launch of a new series 'So Sus' to shine a spotlight on our sustainable operations and conservation efforts, inspiring our followers to join us on our journey to safeguard our planet's resources and biodiversity.

Gen Z-Generated Content

Gen Z-generated content has proven to be effective in engaging social media audiences. We tapped onto this trend and enlisted the help of our Gen Z intern to script a social media post. The video went viral, chalking up 2.2 million organic views. The great reception triggered many local brands to follow suit, taking off as a popular trend in Singapore started by us.

Right: This video, scripted by our Gen Z intern, went viral and garnered over 2.2 million organic views and 300,000 engagements.



So Sus: Showcasing Sustainability and Conservation Projects

The new series features our sustainable best practices in resource and food waste management, and responsible procurement for sustainable palm oil and other products. Additionally, it also showcases high impact conservation efforts.

Generating tremendous interest is the episode featuring a conservation project to preserve the Javan gibbon's forest habitat by supporting the cultivation of shade-grown coffee. The wildlife-friendly Owa coffee, sold at some of our F&B outlets, provides a source of income for the villagers in Java. This project demonstrates how species conservation and habitat protection can create economic benefits to empower the local community.

View the **So Sus** series on the [Mandai YouTube Channel](#)

Right: The new So Sus(tainable) video series take viewers behind-the-scenes to showcase the sustainability and wildlife conservation projects in Mandai Wildlife Reserve.



Growing Social Media Presence on YouTube

To extend the longevity of our social media content, long form videos are posted on the [Mandai Wildlife Reserve YouTube channel](#). These videos take viewers behind-the-scenes, to showcase high standards of animal welfare, feature endearing animal personalities, passionate animal care staff, conservation projects and more. In the nearly three years of making these shareable videos

on YouTube, our subscribers have grown 157% from 13,000 to 34,000, while video views have jumped 64% from 16.6 million to 27.1 million views.

In April 2025, TikTok launched its dedicated STEM feed in Singapore to feature content on science, technology, engineering and math. They invited over 30 organisations, including Mandai Wildlife Group, to be their STEM

creators. With this dedicated STEM feed on TikTok, our popular series #AskMandaiAnything, Mandai Monthly, So Sus and Behind the Greens will be featured alongside videos by 8,600 STEM creators from around the world, including National Geographic and the American Museum of Natural History. This will certainly bolster our presence in the social media landscape.

Our Volunteers

Mandai's community of volunteers has been instrumental in telling our stories, connecting guests to nature and supporting efforts in animal care and conservation. We extend our utmost thanks to our 792 volunteers who put in a record 20,100 hours during FY24/25 towards guest engagement, animal care, veterinary support, horticulture work, research and conservation. Volunteer hours jumped 28% from the last FY, due in part to various duties related to Rainforest Wild ASIA's opening, guest perception surveys, and one-off efforts by corporate volunteers.

Skills-based Volunteering

We welcomed the first batch of horticulture volunteers to support the Tropical Crops enhancement project at Singapore Zoo. With expert knowledge in growing and maintaining edible gardens, these volunteers used their green fingers to help our plants become visibly healthier. Likewise, volunteers

with prior experience engaging individuals with autism fronted the engagement booths at our Autism Awareness Weekend. They facilitated various activities during Quiet Mornings @ River Wonders, an event that offers early admission for special guests to enjoy a calmer and quieter park experience.

Below:
Horticulture volunteers supporting the Tropical Crops enhancement project at Singapore Zoo.



Volunteers with prior experience engaging individuals with autism helped out at the Autism Awareness Weekend in River Wonders.

Wildlife Buddies Art Engagement Booths at Bird Paradise

We worked with St Anthony's Primary School on our first art-based service-learning programme. Our zoo educators trained the students who became Wildlife Buddies to raise awareness for the critically endangered straw-headed bulbul at Bird Paradise. These sprightly student volunteers curated various activities, including feather colouring and badge making, designing posters to promote co-existence with wildlife, and gamifying the 'Know Your Birds' and 'Guess the Bird Sound' quizzes to engage guests.

Right:
Students of St Anthony's Primary School using art to raise awareness for the critically endangered straw-headed bulbul at Bird Paradise.



Sustainable Palm Oil Company Checks

Our volunteers spent 210 hours to help us build a database crucial to the activation of the Singapore edition of the Palm Oil Scan App (developed by World Association of Zoos and Aquariums, WAZA). They conducted desktop research on assigned companies to determine their RSPO (Roundtable on Sustainable Palm Oil) membership status, sustainable palm oil sourcing efforts, as well as conservation and sustainability initiatives. With tremendous efforts, they created a robust database of verified sustainable products found in local supermarkets to help app users make informed consumer choices.



Our volunteers enhanced the WAZA (World Association of Zoos & Aquariums) Palm Oil Scan App by building a database of verified sustainable products sold locally.



Fostering a People-Focused Culture

Attracting talents with diverse expertise is a growing priority as we journey from Park to Precinct, shaping the Mandai Wildlife Reserve into an integrated wildlife destination with diverse offerings. At the heart of this journey are our dedicated staff who continue to push the envelope to uplift animal care standards, guest experiences and productivity. Our people-focused culture ensures that staff are engaged and well-trained with future forward skills to meet the challenges of operating the precinct. Staying true to our purpose, we amplified efforts to enhance inclusive programming for special needs and underprivileged communities, and are deeply grateful to our partners and sponsors who journey with us to nurture an inclusive Mandai.

FY24/25 HIGHLIGHTS

- **Ranked #42** on the list of Singapore's Best Employers 2025 by The Straits Times.
- Won the **Enabling Mark Award (Silver)** for our commitment to fostering disability-inclusive employment.
- Hosted **334 Social Service Agencies** in our parks with over 40,000 complimentary admissions to their beneficiaries.
- Rolled out **specially curated inclusive programming** at Bird Paradise to engage neurodiverse children.
- Deployed **42 smart animal activity devices** in Rainforest Wild ASIA and ran trials for three different types of autonomous mobile robots.

Human Capital Management

To foster a stronger people-focused culture, we refreshed our leadership framework that guides leaders to 'Inspire, Empower, Engage' their teams. The refreshed framework gave rise to a slew of initiatives to provide more effective communication channels for staff engagement and training programmes tailored to the needs of different teams. This strategic and holistic approach optimises the value of our workforce for agility and productivity. Our unwavering dedication to nurturing human capital has paid off – we came in at a commendable 42nd position on The Straits Times' Singapore's Best Employers 2025 list.

Mandai Placed Amongst Singapore's Best Employers

We are proud to be ranked 42nd on the list of Singapore's Best Employers 2025. This recognition is a strong testament to our dedication in creating an exceptional workplace. Award recipients were assessed in an independent survey of over 14,000 participants working for companies with at least 200 local employees.



An Inclusive Employer

In 2021, we embarked on a journey to become an inclusive employer, collaborating with Delta Senior School on vocation mapping to design internship and employment opportunities for youths with special needs. Over the years, we have expanded the partnership to include Spectra Secondary School and Project Dignity. To date, 10 persons with disabilities are integrated into our workforce.

In empowering our people managers to advocate for inclusiveness, we invited SG Enable for a sharing session as part of the LEAD in Conversation

leadership development series. Differently abled staff shared their experience working alongside one another. It was an emotional and authentic dialogue, shining a light on the powerful and positive impact of Mandai's inclusive efforts.

In recognition of our commitment to fostering inclusivity, we bagged the Enabling Mark Award (Silver), a national-level accreditation framework by SG Enable. This award benchmarks organisations for their best practices and outcomes in disability-inclusive employment.

Above:
Differently-abled staff share their experiences working alongside one another during the LEAD in Conversation sharing session.

Below:
The Enabling Mark Award (Silver) reaffirms our commitment to fostering workplace inclusivity.



Fostering Strategic Alignment Across Teams

To ensure organisational alignment as we transform from Park to Precinct, we rolled out our inaugural STRATalk to communicate strategic direction and reinforce our commitment to our purpose and vision. Over multiple sessions to engage a wide swathe of employees, the senior management team shared key priorities and critical business trends, creating space for open dialogue. This engagement proved crucial in helping our staff align themselves with the organisation's shared purpose and vision and the role they play in supporting them.

Right:
Group CEO Mr Mike Barclay addressing staff on key priorities and critical business outlook to foster alignment.



Honouring Long Service Employees

We honoured 148 employees for their long service during the Service Appreciation Award 2025 ceremony at our Dinner and Dance event. Of these, 84 employees have served 10 years or more in our organisation. We were deeply appreciative that they chose to journey alongside us in the noble cause of protecting wildlife. In particular, our heartfelt gratitude went to Mr Chua Hock Lye for his remarkable 45 years of horticultural service, beautifying our parks with lush greenery and creating natural habitats for wildlife.

Right:
Mr Chua Hock Lye (in orange top) receiving his award from Group CEO Mr Mike Barclay for 45 years of dedicated service as a valued member of the Horticulture team.



Promoting Workplace Wellness

To mark World Mental Health Day in October, we organised a series of staff wellness initiatives. We hosted a Wellness Marketplace featuring sustainable wellness products, put together an Open Mic Night with our in-house band Mandai Learns to Rock, and held staff-led yoga classes. Partnering with the Samaritans of Singapore, our employees benefitted from the 'Be a Samaritan' programme and other activities that promoted holistic wellbeing in the workplace.

Right:
Apart from wellness events, we offer professional counselling services to ensure employees' mental wellness.



Well-Trained Workforce

Our employees are the driving force behind Mandai's success, and a well-trained workforce is key to staying at the forefront of global best practices in our pursuit of all-round excellence.

Having robust training programmes and overseas exposure opportunities in place help us sharpen our specialised skills and gain cutting-edge insights. Continual learning also

fuels innovations especially in the deployment of digital and AI tools. With expertise and technology working in tandem, we shape a future-forward Mandai.



Park Experience Rangers at Rainforest Wild ASIA

Designed as an adventure-based wildlife park, Rainforest Wild ASIA encourages guests to 'Choose Your Wild' for chance encounters with wildlife while immersing in adventures of varying degrees of difficulty. For guests to fully appreciate the Rainforest Wild ASIA experience, every staff plays an important role as a Park Experience Ranger in engaging with them and offering them adventure suggestions. To ease all staff into the Ranger role, a training programme was rolled out. Alongside this, we developed a Train-the-Trainer module for scalability and agility in upskilling future Park Experience Rangers.



Training our staff for the role of a Park Experience Ranger to help deliver immersive adventure-based wildlife experiences that are uniquely Rainforest Wild ASIA.



Acquiring Trust-Building Supervisory Skills

Aligned with our newly minted leadership philosophy 'Inspire, Empower, Engage', this experience-centric workshop, launched in July 2024, helped transform 135 supervisors into confident, trust-building leaders. The course used simulations, gamification, and real-world scenarios to sharpen leadership skills, encouraging the participants to nurture a people-focused culture where staff are engaged and empowered.



Learning Festival 2024: Where Curiosity Meets Innovation

To promote a culture of informal learning, we launched Learning Festival – a celebration of technology and wild curiosity. Across two action-packed days, 377 staff dove headfirst into a world of digital discovery, skills building, and meaningful connections to sustainability and conservation. Immersed in a rich tapestry of learning opportunities, staff mastered productivity hacks with our IT team, explored SkillsFuture career growth resources and much more.



Learning Festival was launched to promote learning in an informal and fun setting.

Mastering of ZIMS

The Zoological Information Management System (ZIMS) is an application used by zoos and aquariums worldwide. Its husbandry module manages information on animal behavioural observations, enrichment, training and feed logs. Some 53 staff in the Life Sciences division were brought up to speed on the usage of ZIMS' husbandry module. They also discussed case studies on the Care and Welfare (CAW) module that tracks welfare parameters. Trainees set up templates to monitor taxa-specific animals in their care with geriatric and other conditions. Applying the husbandry and CAW modules together provides a holistic approach to animal care and helps us benchmark our standards against leading zoos globally.



Autism Awareness Workshop

Supporting our aspiration to create an inclusive Mandai, we launched a tiered training programme to equip our zoo educators, frontline staff and volunteers with practical intervention and engagement strategies to better engage neurodiverse guests. First to embark on the training programme were 16 zoo educators who attended a course conducted by the Autism Resource Centre. In the coming months, we will continue to provide differentiated training for staff with different roles to help deliver inclusive guest experiences.

Nurturing An Innovative Culture

In the FY, we continued to solidify Mandai's position as A Living Lab for Innovation, collaborating with the Infocomm Media Development Authority (IMDA) and other partners to access expertise in Singapore's vibrant tech ecosystem. Together, we explored cutting-edge solutions that elevate animal welfare standard, guest experience and productivity. Some of the projects that began a few years ago came to fruition while others were at the trial stage.

Autonomous Mobile Robots

Since 2023, we have partnered with IMDA to develop and test various outdoor Autonomous Mobile Robots (AMRs), with development costs of about \$1.5 million funded by IMDA and tech solution providers.

During the FY, we began trials for three specialised AMRs to boost automation and productivity:

- **Concierge AMR** – provides information for locker services and wayfinding, makes itinerary recommendations, can navigate crowded areas, lead guests to locations, and more.
- **Delivery AMR** – delivers animal feed to nine zones in Bird Paradise; able to negotiate rugged terrain like slopes in adverse weather.
- **Surveillance AMR** – patrols the Mandai Boardwalk and alerts our security team to unidentified objects to improve incident response time.

Complemented by tele-operations, we can remotely monitor and manage the three specialised AMRs through a centralised control system.



Autonomous Mobile Robots providing surveillance (right) and concierge (above) functions, on trial at the Mandai Wildlife Reserve.



Smart Animal Activity Devices at Rainforest Wild ASIA

In FY22/23, we engaged a tech solution provider to prototype a range of animal activity devices using auditory, visual and olfactory simulations to encourage species-typical behaviours. These smart enrichment systems dispense fresh food, pellets, or hay on a scheduled basis. They feature integrated cues to attract animals and sensors to track temperature and humidity of the food dispensed. Built for outdoor durability, they can be controlled via a remote dashboard. We have deployed 42 animal activity devices in 11 habitats across Rainforest Wild ASIA. They serve nine species including the Malayan tiger, sun bear and Francois' langur, improving animal well-being, keeper productivity and guest experience.

Right: Bearded pigs feeding on chopped vegetables and fruits dispensed automatically by an animal activity device.



Crowd Sourcing Digital Solutions To Enhance Animal Care

IMDA's Open Innovation Platform (OIP) helps corporates diagnose their business challenges and crowd-source for innovative digital solutions from start-ups, technology providers, and research institutes. The Animal Care team has been reaping the benefits of tech adoption arising from this platform. Here are two highlights:

• Automated Animal Body Condition Scoring

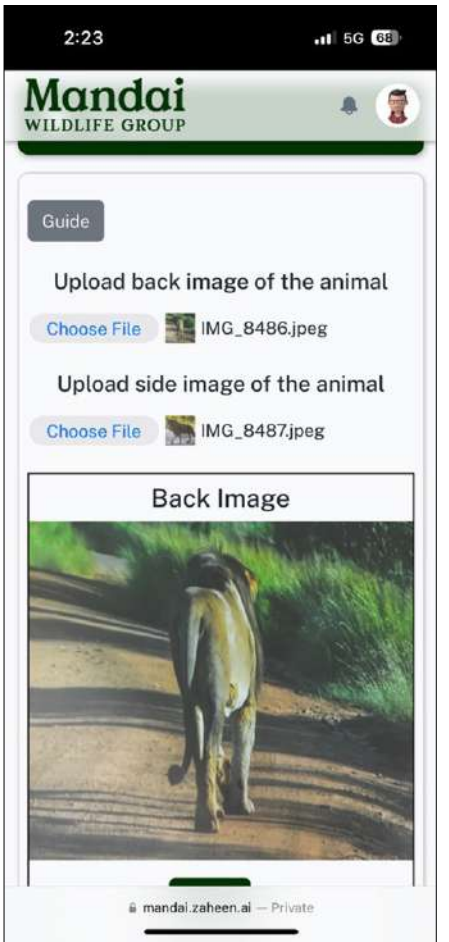
In the FY, we adopted an automated app to assess animal body condition scores which are important indicators for preventive health care monitoring. This digital platform eliminates human bias and tedious manual documentation and analyses. It interprets photo submissions to produce consistent evaluations, increase efficiency and uplift animal care standards.

• Smart Nestboxes

Smart nestboxes enable keepers to detect the presence of eggs and chicks without stressing the parent birds. They are equipped to monitor the birds' behaviour throughout the breeding process and generate real-time alerts for abnormalities. This reduces the time required for keepers to assess the status of breeding pairs and chicks, contributing to effective population management.

Right: Animal Body Condition App for accurate and automated assessment of animal body condition scores.

Below: A smart nestbox equipped with multi-sensory monitoring, night vision, and intelligent behaviour detection to enhance breeding success of threatened birds.



An Inclusive Mandai

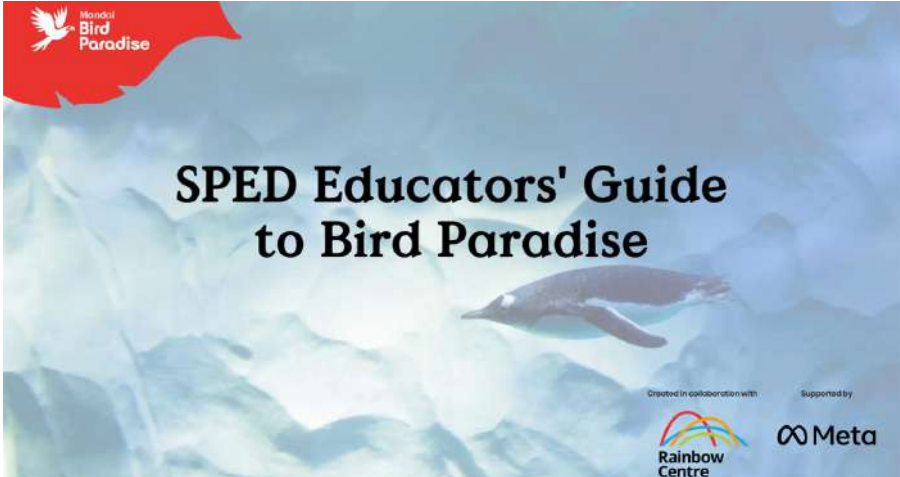
Mandai champions inclusivity to ensure that our parks are accessible to every segment of the community. In the FY, slightly over 40,000 beneficiaries from various

Social Service Agencies enjoyed complimentary admissions to our parks. We have also added more programmes and resources to cater to guests with special

needs. A structured staff training programme is being rolled out to take the Mandai Wildlife Reserve closer to being a truly inclusive space for guests of all abilities.

SPED Resources for Bird Paradise

To support educators and parents in planning and executing meaningful learning journeys for neurodiverse children, we teamed up with Rainbow Centre to co-create a Bird Paradise guide for educators and a separate version for caregivers. The guides point to an array of resources such as social scripts and sensory maps to inform trip planning and suggest in-park itineraries and activities for best possible engagements.



Our Special Education (SPED) guides highlight useful information such as inclusive features at Bird Paradise for an optimised visit.

Penguin Adventure SPED Edition

Co-curated with the educators of APSN Chaoyang Centre, Penguin Adventure (SPED Edition) is one of our latest offerings to enrich the learning experience of students from Special Education (SPED) schools. In this facilitated programme, participants embark on an adventure of hands-on and movement activities to learn about penguins. Thanks to the generous support of Meta, SPED schools are able to enjoy the programme gratis.

Right: Facilitated by specially trained zoo educators, Penguin Adventure (SPED Edition) was very well-received and motivated us to roll out similar programmes in our other parks.



MINDS Participants Camp Out at Singapore Zoo

Encouraged by the good reception for SPED programmes, our zoo educators went on to plan and execute an overnight camp in the Zoo for 22 campers from MINDS (Movement for the Intellectually Disabled of Singapore) Woodlands Employment Development Centre. They modified our regular overnight camp programme, pacing it appropriately and deploying visual aids to enhance learning. Through word-of-mouth recommendations, we have received more bookings for similar overnight camps.

Right: Overnight camps provide great opportunities for participants to explore new experiences in a different environment.



Sensory Kits

Developed with input from Special Education (SPED) teachers, the Bird Paradise Sensory Kit includes visual and tactile tools to enhance pre-visit preparatory sessions with neurodiverse students. It can also be used in-park to manage sensory overload and reinforce learning, and for post-visit extended learning.

Right: This sensory kit is made available to all SPED schools in Singapore, thanks to Meta's generous support.



Salvation Army: Kids In Play

Our participation in The Salvation Army's Kids In Play programme, which engages families impacted by incarceration, dates back to 2019. We host the families in our parks and facilitate wildlife-themed activities that promote family bonding. During the FY, we welcomed 141 children and caregivers to Singapore Zoo and Bird Paradise, with the generous support of the Tan Chin Tuan Foundation.



The Kids in Play programme at Mandai is thoughtfully curated to offer wildlife-themed family activities that help participants bond with their loved ones while exploring our parks.

Career Exposure Workshops for NEET Youths

Since 2021, we have been collaborating with Fei Yue Community Services to engage vulnerable youths through a four-day long Career Exposure Workshop. This FY, we doubled our commitment to two runs, offering 21 youths wildlife-related work opportunities to hone essential life skills. These NEET (not in employment, education or training) youths worked with our animals under the guidance of keepers, trainers and presenters. Through hands-on experience, they gained insights into animal care as a career option but more importantly, discovered their strengths and gained self-esteem. We were heartened that four youths from previous batches returned to volunteer as 'befrienders'. Beyond the workshops, we facilitate employment opportunities for the participants - one is now a full-time keeper while a few others have taken up part-time positions in our parks.



Making animal enrichment devices helps to keep youths focused while sharpening their problem-solving skills.



Above: Animal interaction is a powerful tool to get youths to open up to the programme facilitators for further engagement.

Below: The hands-on experience of caring for our animals often uplifts the youths' self-esteem, validating their capabilities.



Sustaining Financial Performance

Our fifth and latest wildlife park Rainforest Wild ASIA officially opened on 12 March 2025, attracting over 100,000 guests in its first month of operations. With other features like indoor attractions Curiosity Cove and Exploria nearing completion, we are intensifying efforts in content marketing, social media presence, and trade partner engagements to position the Mandai Wildlife Reserve as an integrated nature and wildlife destination and tap new market segments. Meanwhile, innovative campaigns, new immersive wildlife experiences and ongoing rejuvenation of existing parks help bolster membership sign-ups and repeat visits.

FY24/25 HIGHLIGHTS

- Overall attendance reached **4.5 million**, a slight increase of 2.3% compared to the previous FY.
- Rainforest Wild ASIA welcomed over **100,000 guests** within the first month of opening.
- Night Safari **celebrated 30 years** of delighting guests with the wonders and magic of nocturnal wildlife experiences.
- Launched the fully sheltered **Pangolin Trail**, which tells the story of our ongoing efforts in conserving the critically endangered Sunda pangolin.
- Launched the **Animal Behaviour and Enrichment Centre** in Singapore Zoo to showcase our animal care approach.

Driving Footfall

With the opening of Rainforest Wild ASIA and some new features, we doubled down on destination marketing to position the Mandai Wildlife Reserve as a 'must visit

nature-inspired destination' to explore, immerse, play, dine, shop and stay in. This narrative is carried through all marketing channels, trade partner engagements and

Friends of Wildlife membership drives. Meanwhile, guest journey mapping continues to guide us in delivering compelling wildlife experiences and achieving operational excellence.

In-Park Campaigns

Night Safari's 30th Anniversary Bash

The magic of the world's first nocturnal wildlife park lives on as we celebrated 30 marvellous years at Night Safari. The joyous occasion was marked by the unveiling of the new Pangolin Trail. Between 24 May 2024 and 1 January 2025, guests were treated to 30 thrilling activities and deals, and special animal interactions. They were invited to embark on the Shh-ecret Digital Trail to uncover Night Safari's trials and tribulations in its first 30 years.

The world's first nocturnal wildlife park celebrates 30 years of delighting guests with the wonders and mysteries of nature in a tropical forest at night.



Zoolympix Challenge

After a decade-long hiatus, our signature school holiday campaign, 'Zoolympix', returned to Singapore Zoo and River Wonders. From May to August 2024, guests pitted their speed, strength and agility against those of the animals, and in doing so, gained a better appreciation of the amazing adaptative features of creatures big and small. Along this trail of discovery and challenges, they bagged medal pins and had special encounters with some of our well-loved animals.

Right: Guests pitting their speed and strength against those of the animals at Zoolympix.





Meet the Flock at Bird Paradise

With over 3,500 birds across 400 species, there is always something new and delightful to discover at Bird Paradise. The 'Meet the Flock' campaign strengthened this narrative by shining a spotlight on one species each month to tell our story of care and conservation efforts. In conjunction, we launched Parrot Keeper Talks at Lory Loft and Crimson Wetlands, and organised other activities like 'Spot & Snap' to enhance guest participation.

Right:
Meeting the flock was delightful but discovering their quirks from their keepers was the real treat!



Snoopy & Beagle Scouts at Festive Wild-erland

Snoopy and his Beagle Scouts helped spread the Christmas cheer at Festive Wild-erland in Singapore Zoo, Bird Paradise and Mandai Wildlife West. Guests joined the Beagle Scouts on various missions on the Digital Quest, scooping up scout badges along the way. Our sold-out Snoopy-themed 'Glamping with the Penguins' and 'Glamping in the Wild' further engaged 190 guests.



Snoopy and the Peanuts gang descending on Festive Wild-erland to bring festive cheer to our parks.

Easter Eggs-travaganza 2025

Encouraged by the overwhelming response for the first Easter Eggs-travaganza at Bird Paradise, we went global this season with 100 larger-than-life thematic Easter eggs representing the geographical range of selected bird species. There was an eggs-citing line-up of activities for all ages, including the first avian-themed parade and egg hunts that took guests on a journey to discover how our Avian team breed some of the world's most endangered and notoriously difficult-to-breed species.

Right:
Easter Eggs-travaganza 2025 presenting an eggs-citing line-up of activities for all ages.



Marketing and Partnerships

Strategic Content Marketing

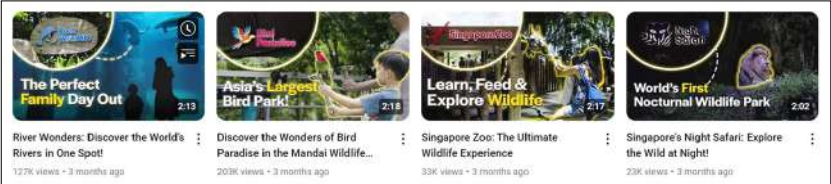
Through strategic content marketing, we showcased the Mandai Wildlife Reserve as a 'must-visit' nature-inspired destination for tourists. To generate greater consumer interest and extend our presence, we partnered STB China for 'Divas Hit the Road' (花儿与少年), a travel reality show that commands domestic and overseas viewership of 4.2 billion and 30 million respectively. Through a similar partnership with STB China, our parks were featured in Taiwanese rock band Mayday's (五月天) pre-concert music video '干杯'. This music video was viewed by over three million concert goers in 11 Chinese cities, Australia and the US.



'Divas Hit the Road' by Hunan Broadcasting Station and MangoTV featuring unscripted visits by top tier Chinese celebrities to Singapore Zoo, Bird Paradise and Night Safari.

Expanding Our Reach Through Partnerships

We continued to collaborate with strategic trade partners to grow our presence in key markets including China, India, Japan, Australia and South Korea. To expand our reach to key consumer segments across China, we inked a Memorandum of Understanding with Fliggy, one of China's leading online travel platforms favoured by young adults.



Our second year of partnership with Klook saw an uplift of over 60% in Klook bookings, driven largely by several social-first campaigns. The Mandai Wildlife Reserve was the host attraction for Klook's Kreatorverse Day, during which 42 Klook Global Kreators toured our parks for social content that garnered over a million organic views.



Above (top) Klook's 10th anniversary featured 10 global 'Money Can't Buy Experiences' and Mandai's exclusive 'Be A Vet for the Day' was the third most popular.

Above (bottom): Headout's YouTube videos promoting our parks.

Left: We signed a Memorandum of Understanding with Fliggy to expand our reach in China.

Leveraging the strong presence of Headout in the US, UK and Australia, we built destination credentials for our parks in a fruitful partnership. Extending our collaboration, we will focus on content amplification to widen market reach in India and Europe.

Driving Multi-Park Visits

Mandai's ParkHopper tickets, which entitle overseas guests to visit four parks for the price of two, proved enormously popular. This activation resulted in a jump of 107% in attendance for overseas guests.

Bundle promotions helped double our overseas attendance compared to the last FY.



Encouraging Repeat Visits Through Membership

Friends of Wildlife membership, which offers annual admissions to our parks, garnered more than 80,000 local sign-ups in the FY. We also secured a healthy 38% in membership renewals and upgrades. Additionally, our Refer a Friend programme brought in new members while rewarding existing ones. With the opening of Rainforest Wild ASIA, we introduced two new membership categories – one for all five parks, and a stand-alone one for Rainforest Wild ASIA.

Right: Friends of Wildlife members enjoy annual admissions to our parks, special privileges and engagements such as workshops and previews.



Rejuvenating In-Park Experiences

This FY saw the completion of another project in our 10-year masterplan, which was put in place to ensure that the existing parks remain as vibrant and compelling as the newly launched features. We unveiled the Pangolin Trail at Night Safari to highlight our conservation

efforts in saving the critically endangered Sunda pangolin. Meanwhile the masterplan continues to unfold with the construction of the Marine Coastal Exhibit and integrated F&B hub at Singapore Zoo. The newly opened Animal Behaviour and Enrichment Centre in

Singapore Zoo provides insights into our animal care approach and opportunities to meet ambassador animals such as fennec foxes and lemurs. In making Singapore Zoo an all-weather attraction, we continued to add sheltered linkways to connect more exhibits.

Night Safari Launches the Pangolin Trail

The Pangolin Trail was launched in July 2024 as Night Safari's first fully sheltered walking trail. It tells the story of our on-going efforts to conserve the critically endangered Sunda pangolin which is native to Singapore. Apart from the Sunda pangolin, the trail features six mixed exhibits of local nocturnal animals including the slow loris, lesser mousedeer and leopard cat. Compatible terrestrial and arboreal species are housed in the same layered habitat to interpret the ecological relationship of these species in the wild. The trail was developed in a sustainable manner to minimise construction impact, with the retention of 87% tree cover. A total of 152 native trees were also planted to provide habitat and food for wildlife.

Right: Compatible terrestrial and arboreal species are housed in mixed species habitats which offer dynamic branches and feeding pods, vines and burrows as enrichments for the animals.

Below: A dedicated interpretation area offers opportunities for guests to learn more about pangolins and act to protect them.



Animal Behaviour & Enrichment Centre



Our staff sharing how the enrichment board helps snakes engage their muscles and build strength, in turn enhancing overall well-being.



As a sustainable best practice, we refurbished and converted the vacant exhibit previously occupied by Inuka, the polar bear, into the Animal Behaviour and Enrichment Centre. This space showcases how animal experts train, enrich and care for our animals to elicit natural behaviours and foster positive guest interactions. A new programme, 'Hello from the Wild', fronted by ambassador animals like fennec foxes, ring-tailed lemurs and snakes, allows participants to connect with wildlife up-close. Guests can try their hand at making enrichment devices from recycled items and watch how the animals engage with their creations. The centre also hosts daily Keeper Talks on our African penguins and reptiles, offering insightful demonstrations on positive reinforcement training and enrichment activities.

Below (right): Guests creating enrichment devices from recycled items.

Below (left): 'Hello from the Wild' provides an intimate setting for guests to learn about positive reinforcement and enrichment for our animals.

Below: Ring-tailed lemur (top) and African penguins (bottom) interacting with enrichment devices.

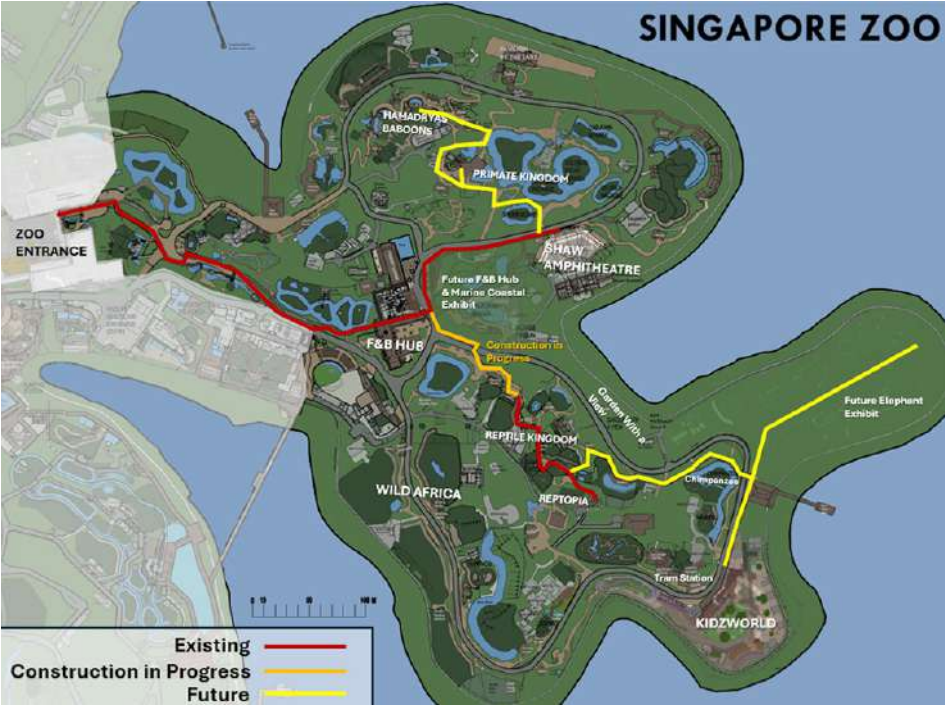


All-Weather Singapore Zoo In The Making

To ensure that guests can enjoy wildlife experiences at Singapore Zoo come rain or shine, we rolled out a multi-year plan to connect major exhibits via sheltered linkways. This project is being carried out in phases to minimise operational disruptions and avoid compromising guest experiences. By the end of this FY, the project was 40% completed. Upon its completion in two years' time, Singapore Zoo will become an all-weather park.

Right:
Upon project completion, Singapore Zoo will be an all-weather park where guests can enjoy all major exhibits, come rain or shine.

Below:
Sheltered linkways in Singapore Zoo ensure good guest experiences, even when it rains.



New Wildlife Experiences

Arapaima Feeding Programme Wows Guests

Friends of Wildlife members were invited to be the first to experience our newly launched Arapaima Feeding Programme at Singapore Zoo in December 2024. Since then, this paid programme has sold out daily. Young and old, guests are wowed by the powerful suction force of the world's largest scaled freshwater fish erupting from the water to grab food from the stick.

Right:
Guests experience the raw power of the arapaima grabbing its treat from the stick.



Backstage Pass Tour – Elephant Encounters

Building on the popularity of existing backstage pass tours, we added another experience – Elephant Encounters – to the list. Guests learn how our Animal Care team tends to their charges and witness the close bond they have with these incredibly intelligent animals. Such close encounters deepen guests' appreciation of our elephant care approach and efforts to protect endangered wild elephants through funding conservation projects.

Right:
A close encounter of a majestic animal can forge profound connection with wildlife.



Our Sponsors & Adopters

The steadfast support from our long-standing sponsors and adopters continues to propel us forward in our vision to inspire people to protect nature and wildlife. We are equally heartened by the fresh energy and commitment of our new partners, who have chosen to believe in, and champion, our cause.

Affirming Support from Corporations & Individuals

We are deeply grateful to the 100 organisations and individuals (see pages 16 to 17 for the complete list) who came onboard our adoption and sponsorship programme in FY24/25. We inked 25 new partnerships, welcoming the support of the Chen Lin Trust, the Koh Family, ST Engineering and VETRESKA, amongst many others.

Right:
VETRESKA's adoption of the Canine Clubhouse and Kitty Corner in Singapore Zoo's KidzWorld includes in-kind sponsorship of pet lifestyle merchandise for our dogs and cats.

Below:
ST Engineering staff planted 130 trees to help restore our buffer forests.



First Naming Rights Sponsor at Rainforest Wild ASIA

AIA Singapore became the first naming rights sponsor at our latest park Rainforest Wild ASIA, supporting the AIA Vitality Bounce and adopting the tapir habitat.

Above:
As a show of dedication to community engagement, wildlife conservation and healthier living, AIA Singapore engaged its employees and insurance representatives with an exclusive preview and family day at Rainforest Wild ASIA.

Annual Sponsor Engagement

Our Partnership Development team hosted existing and prospective sponsors at our annual Sponsors' Engagement event in October 2024. These special guests went behind-the-scenes to gain an appreciation of how their support would help us champion our cause in caring for and protecting wildlife. The event culminated in the 'Evening in the Wild' dinner reception at Night Safari.

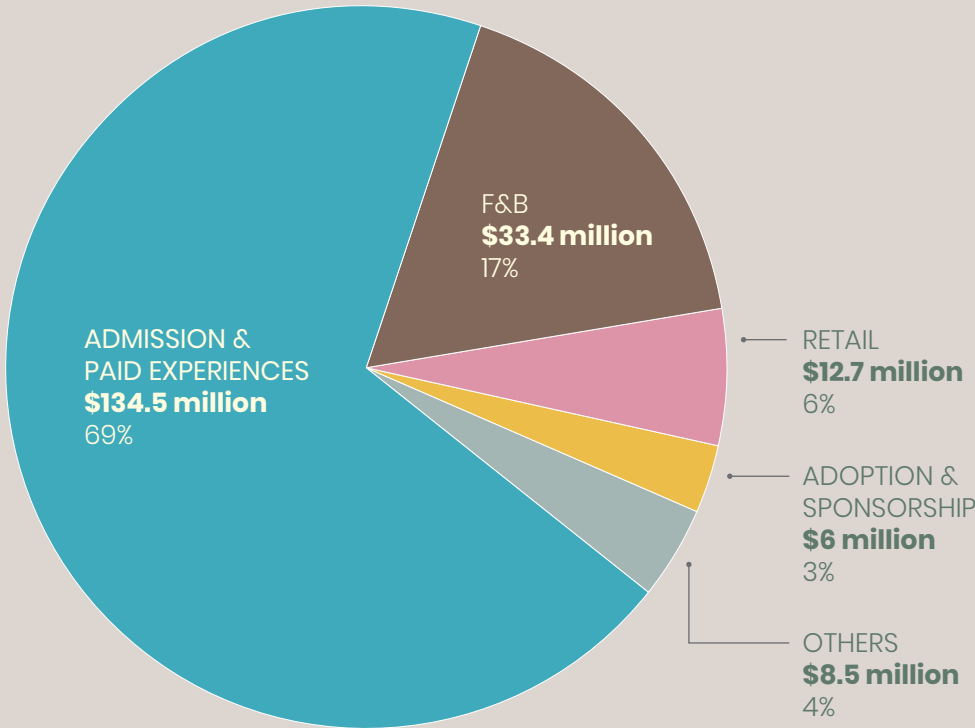
Right:
Existing and prospective sponsors observing our Veterinary Health team microchip tag a rescued python before its release back in the wild.



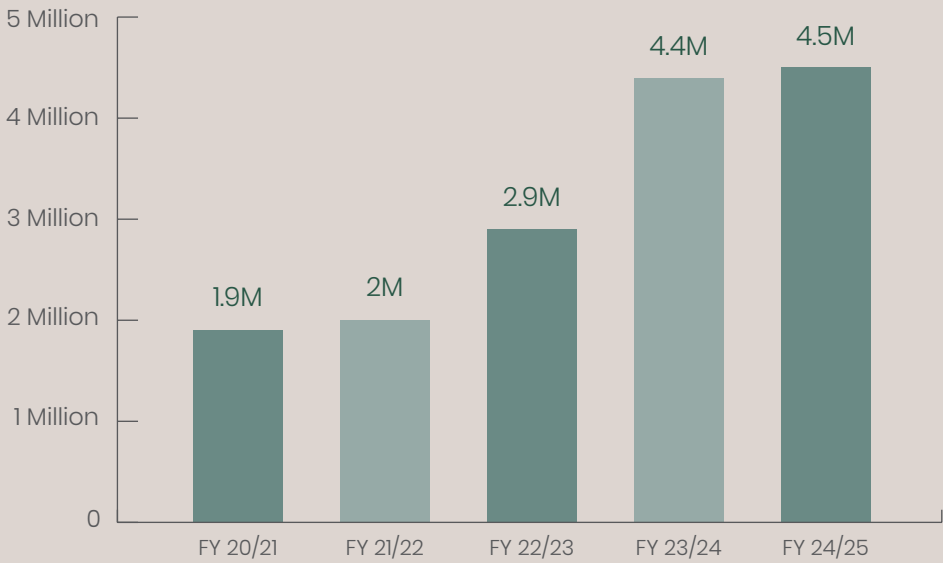


Financial & Attendance Highlights

Total Revenue for FY24/25 = **\$195.1 million**



Total Attendance for FY24/25 = **4.5 million**



The Year Ahead

Approaching the final laps of the Mandai Rejuvenation Project, we eagerly anticipate the opening of Asia's first ZooSchool offering nature-based adventure programmes, two edutainment indoor attractions Curiosity Cove and Exploria, a 2,800 sqm conference facility at Green Canvas, a historical exhibition at Mandai Gallery, and more F&B and accommodation options.

Efforts to refresh existing parks for delivery of differentiated wildlife experiences continue. Work has started for the upcoming Marine Coastal Exhibit in Singapore Zoo. Inspired by the Fisherman's Wharfs of San Francisco and Monterey Bay, this new attraction will feature an integrated F&B hub, offering diners an immersive underwater viewing experience of sea lions, harbour seals and pelicans.

With the Mandai Rejuvenation Project nearing completion, the transformation of the Mandai Wildlife Reserve into an integrated nature and wildlife destination enters the next phase – to bring to life our refreshed narrative 'from Parks to Precinct' in areas involving operations, guest experiences, marketing, social media engagement and more.

In the year ahead, we will focus on these key priorities:



- Roll out the revised strategic framework that empowers all staff to contribute to delivering profound wildlife experiences, and inspiring every guest to act for a healthier planet.



- Build financial resilience to do better in caring for our animals, supporting conservation efforts and local communities, educating the public on wildlife and sustainability, and promoting inclusivity.



- Optimise resources across precinct, automate, digitalise, innovate and equip staff with future forward skills that take us through the next phase of growth.



- Leverage on the diverse offerings of the precinct to capture non-traditional market segments and strengthen market positioning as a 'must-visit' wildlife destination.

Conservation Projects & Partnerships Supported in FY24/25

NO.	PROJECT NAME	COUNTRY	SPECIES	TAXON GROUP	PARTNER ORGANISATION
1	Advancing conservation of lower Mekong wetlands at Anlung Pring, Cambodia: towards a Sarus Crane safe landscape	Cambodia	Sarus crane	Bird	BirdLife International (Asia) Limited
2	Climate-resilient sustainable agriculture to improve livelihoods and biodiversity habitat quality at Anlung Pring Protected Landscape	Cambodia	Sarus crane	Bird	Wildfowl & Wetlands Trust
3	Assessing the priority habitats and distribution for breeding populations of Red headed Vultures in the Eastern Plains Landscape	Cambodia	Red-headed vulture	Bird	BirdLife International (Asia) Limited
4	Restoring a viable population of Siamese Crocodile within the Sre Ambel River System, Cambodia	Cambodia	Siamese crocodile	Reptile	Wildlife Conservation Society Cambodia
5	Conservation of the Critically Endangered Southern River Terrapin Batagur affinis in the Sre Ambel	Cambodia	Southern river terrapin	Reptile	Wildlife Conservation Society Cambodia
6	Sustainable Operation of the Elephant Response Unit (ERU) Tegal Yoso And Braja Harjosari as part of the Way Kambas National Park ERU Program for Habitat Protection And HEC Mitigation	Indonesia	Sumatran elephant	Mammal	Community for Sumatra Nature Conservation / Komunitas untuk Hutan Sumatera
7	Project Kapi Owa: Javan Gibbon Conservation in Central Java, Indonesia	Indonesia	Multiple primate species	Mammal	Yayasan Swaraowa
8	An integrated project to combat climate change and songbird trade in West Kalimantan, Indonesia	Indonesia	Multi taxa	Multi taxa	Yayasan Planet Indonesia
9	Nantu Forest Conservation Programme, Sulawesi, Indonesia	Indonesia	Multi taxa	Multi taxa	Yayasan Adudu Nantu International
10	Conservation of the Critically Endangered Rote Island Snake-Necked Turtle	Indonesia	Rote island snake-necked turtle	Reptile	Wildlife Conservation Society – Indonesia Programme
11	Addressing Human Orangutan Conflict in Agricultural Landscape in Northern Sumatra in Collaboration with Local Communities and Key Stakeholders	Indonesia	Sumatran orangutan; Tapanuli orangutan	Mammal	Yayasan Orangutan Sumatera Lestari – Orangutan Information Centre
12	Primate Conservation Education Programme on the Mentawai Islands, Indonesia	Indonesia	Multiple primate species	Mammal	Universitas Andalas
13	Saving Simeulue's Critically Endangered Songbirds from the Brink of Extinction	Indonesia	Barusan shama; Simeulue hill myna	Bird	Yayasan Ecosystem Impact
14	Begawan Gita: Bali Starling Conservation in the Melinggih Kelod Village by Begawan Foundation	Indonesia	Bali starling	Bird	Yayasan Begawan
15	IUCN SSC ASTSG In-person Meeting	Indonesia	Multi taxa	Multi taxa	Yayasan Planet Indonesia
16	Saving Indonesia's Wild Bird Populations	Indonesia	Multiple bird species	Bird	Yayasan Terbang Indonesia
17	Parrot Conservation Action in Maluku	Indonesia	Multiple bird species	Bird	Perkumpulan Konservasi Kakatua Indonesia
18	Partner support of Cikananga Wildlife Center and its conservation activities	Indonesia	Multi taxa	Bird	Yayasan Cikananga Konservasi Terpadu
19	Disrupting illegal trade in bears and wildlife in Lao PDR	Lao PDR	Multiple species	Mammal	Free the Bears Ltd
20	Saving Saola: Innovative Conservation in the Annamite Mountains	Lao PDR	Multi taxa	Mammal (primary), Multi taxa	Saola Foundation
21	Lao Youth for the Planet! Inspiring the next generation of Lao Nationals in biodiversity conservation and environmental protection	Lao PDR	No specific focal species	No specific focal taxa	Association Anoulak
22	Citizen Action for Tigers (CAT) Walk: engaging people to value and protect tigers and their habitat in Malaysia	Malaysia	Malayan tiger	Mammal	Wildlife Society of Selangor
23	Safeguarding Southeast Asia's wildlife from illegal and unregulated trade	Malaysia	Multi taxa	Multi taxa	TRAFFIC International Southeast Asia
24	On the Road to Recovery: In- and Ex-Situ Conservation of Batagur trivittata in Myanmar	Myanmar	Burmese roofed turtle	Reptile	Wildlife Conservation Society
25	Recovering Burmese Star Tortoise (<i>Geochelone platynota</i>) populations at two wildlife sanctuaries in central Myanmar	Myanmar	Burmese star tortoise	Reptile	Wildlife Conservation Society
26	The West Visayas Species Recovery Project	Philippines	Multi taxa	Multi taxa	Talarak Foundation Inc
27	Building a sustainable bio-cultural landscape for the Taobuid and the Tamaraw in Mts Iglit-Baco Natural Park, Mindoro, Philippines (year 2)	Philippines	Tamaraw	Mammal	d'Aboville Foundation and Demo Farm Inc
28	Safeguarding critically endangered endemics in Palawan – Phase 3	Philippines	Philippine pangolin; Palawan forest turtle	Mammal, Reptile	Katala Foundation Inc

NO.	PROJECT NAME	COUNTRY	SPECIES	TAXON GROUP	PARTNER ORGANISATION
29	Caring for Gigantes Wrinkled Frog at Wildlife in Need (WIN)	Philippines	Gigante wrinkled ground frog	Amphibian	Synchronicity Earth
30	Philippine Eagle Wildlife Loan Agreement	Philippines	Philippine eagle	Bird	Philippine Eagle Foundation
31	Tackling cross border bird trade: Indonesian parrots in the Philippines	Philippines	Multiple bird species	Bird	BirdLife International (Asia) Limited
32	World Wildlife Day Regional Youth Symposium 2024	Singapore	N/A	N/A	Garden City Fund
33	Every Singaporean a Naturalist (ESN)	Singapore	Multi taxa	Multi taxa	Nature Society Singapore
34	Outreach Activities for Our Wild Neighbours (OWN) Campaign	Singapore	Multi taxa	Multi taxa	Animal Concerns Research and Education Society
35	Investigating the life history and ecology of threatened songbirds in Singapore	Singapore	Straw-headed bulbul; Chestnut-winged babbler; Short-tailed babbler	Bird	Sin Yong Chee Keita
36	Population ecology and captive breeding for conservation of the coastal horseshoe crab (<i>Tachypleus gigas</i>) in Singapore	Singapore	Coastal horseshoe crab	Arthropod	Republic Polytechnic
37	Fishing sharks and rays in Singapore: recreational angler attitudes towards conservation and management of an imperilled group of organisms	Singapore	Multiple sharks and rays	Fish	National University of Singapore
38	Conservation genomics of critically endangered and endemic freshwater crabs in Singapore	Singapore	Multiple crab species	Arthropod	National University of Singapore
39	Flying syringes – Using mosquitos to surveil 'zoo'-notic disease reservoirs in Mandai	Singapore	Multiple species	Insect	National University of Singapore
40	Vocal Communication in Long-Tailed Macaques & the Impact of Anthropogenic Noise	Singapore	Long-tailed macaque	Mammal	Sim Yue Ling
41	Improving Captive Animal Welfare in Southeast Asia through SEAZA Auditor Training and Accreditation	Thailand	Multi taxa	Multi taxa	Wild Welfare
42	Saving the Critically Endangered Vietnam Pheasant (<i>Lophura edwardsi</i>)	Vietnam	Vietnam pheasant	Bird	VinaConserv
43	Action for ASAP freshwater fishes	Regional	ASAP fishes	Fish	SHOAL
44	SHOAL/IUCN ASAP Freshwater Fish Programme Manager	Regional	ASAP fishes	Fish	SHOAL
45	Support for IUCN SSC ASTSG Secretariat	Regional	Multiple bird species	Bird	IUCN SSC Asian Songbird Trade Specialist Group
46	Safeguarding Southeast Asia's wildlife from illegal and unregulated trade	Regional	Multi taxa	Multi taxa	TRAFFIC International Southeast Asia
47	Strengthening the Conservation of Hornbills	Regional	Multiple hornbill species	Bird	Mabula Ground Hornbill Project
48	Escalating Profile, Resources, and Engagement for Effective Conservation Translocations	Global	Multi taxa	Multi taxa	Panthera Corporation
49	Guideline for responsible translocation of displaced organisms	Global	Multi taxa	Multi taxa	Wildlife Impact
50	Species360 Conservation Science Alliance Demographic Data Analytics	Global	Multi taxa	Multi taxa	Species360
51	Species360 Species Conservation Toolkit Initiative	Global	Multi taxa	Multi taxa	Species360
52	IUCN Chair Support 2025	Global	Multi taxa	Multi taxa	IUCN SSC
53	Annual volunteer contribution (2024) to the EAZA Komodo Dragon (EEP) Field Conservation Programme: Komodo Survival Programme	Global	Komodo dragon	Reptile	EAZA EEP
54	IUCN Membership 2025	Global	Multi taxa	Multi taxa	IUCN SSC
55	Amphibian Ark 2024	Global	Multiple amphibian species	Amphibian	Amphibian Ark
56	Okapi Conservation Project – Greatest Needs (EEP)	Global	Okapi	Mammal	Wildlife Conservation Global
57	Support for Tasmanian Devils Conservation and Veterinary Operations (EEP)	Global	Tasmanian devil	Mammal	Department of Natural Resources and Environment Tasmania
58	Support for IUCN Hornbill Specialist Group	Global	Multiple bird species	Bird	IUCN Hornbill Specialist Group

Publications in FY 24/25

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List of Mandai Focal Species

Native species in Mandai Wildlife Reserve prioritised for conservation and management	
1.	Bamboo bat
2.	Stingless bee
3.	Sunda pangolin
4.	Straw-headed bulbul
5.	Sunda colugo
6.	Long-tailed macaque

Staff As Species Coordinators For Managed Species Programmes

NO.	SPECIES COORDINATOR		SPECIES	COMMON NAME	PROGRAMME*	IUCN
1.	Ade Kurniawan	SSMP Coordinator	Manis javanica	Sunda Pangolin	SSMP	CR
2.	Amanda Grace	SSMP Coordinator	Prionailurus viverrinus	Fishing Cat	EEP / SSMP	VU
3.	Anais Tritto	EEP Coordinator EEP Coordinator EEP Coordinator	Acridotheres melanopterus Goura victoria Pampusana sanctaecrucis	Black-winged Myna (Complex) Victoria Crowned Pigeon Santa Cruz Ground-dove	EEP EEP EEP	CR NT EN
4.	Anand Kumar	SSMP Coordinator ISB Keeper	Helarctos malayanus Melursus ursinus	Sun Bear Sloth Bear	EEP / SSMP EEP	VU VU
5.	Azmi Amzah	SSMP Coordinator	Tapirus terrestris	Lowland Tapir	EEP / SSMP	VU
6.	Cecilia Tang	EEP & SSMP Coordinator	Nycticebus coucang	Sunda Slow Loris	EEP / SSMP	EN
7.	Fiona Ching	SSMP Coordinator	Trachypithecus auratus	Javan Langur	EEP / SSMP	VU
8.	Hafizuddin Adnan	SSMP Coordinator	Aonyx cinerea	Asian Small-clawed Otter	EEP / SSMP	VU
9.	Ivan Choo	SSMP Coordinator SSMP Coordinator	Equus grevyi Giraffa camelopardalis	Grevy's Zebra Giraffe	EEP / SSMP EEP / SSMP	EN VU
10.	Kughan Krishnan	SSMP Coordinator	Acinonyx jubatus jubatus	Southern Cheetah	EEP / SSMP	VU
11.	Mark Rusli	EEP Coordinator EEP Coordinator	Anthracoceros malayanus Cacatua moluccensis	Black Hornbill Moluccan Cockatoo	EEP EEP	VU VU
12.	Rachel Lee	EEP Coordinator	Pycnonotus zeylanicus	Straw-headed Bulbul	EEP	CR
13.	Tiara Sophia	SSMP Coordinator	Nasalis larvatus	Proboscis Monkey	SSMP	EN
14.	Wendy Chua	SSMP Coordinator	Pongo abelii Pongo pygmaeus	Sumatran Orangutan Bornean Orangutan	EEP / SSMP EEP / SSMP	CR CR
15.	Yusoff Man	SSMP Coordinator	Rhinoceros unicornis	Indian Rhinoceros	EEP / SSMP	VU

*PROGRAMME:
EEP – EAZA (European Association of Zoos and Aquaria) Ex-situ Programme
ESB – European Studbook
ISB – International Studbook
SSMP – SEAZA (Southeast Asian Zoos & Aquariums) Species Management Programme

Managed Speices Programme List FY24/25

NO.	SPECIES	COMMON NAME	PROGRAMME	IUCN
1.	<i>Acinonys jubatus jubatus</i>	Southern Cheetah	EEP/ SSMP	VU
2.	<i>Acridotheres melanopterus</i>	Black-winged Myna (Complex)	EEP	CR
3.	<i>Aegypius monachus</i>	Cinereous Vulture	EEP	NT
4.	<i>Ailuropoda melanoleuca</i>	Giant Panda	GPCCB	VU
5.	<i>Ailurus fulgens</i>	Red Panda	GSMP/ EEP/ SSMP/ ASMP/ JSMP	EN
6.	<i>Alligator sinensis</i>	Chinese Alligator	EEP	CR
7.	<i>Allochrocebus lhoesti</i>	L'Hoest's Monkey	EEP	VU
8.	<i>Alouatta caraya</i>	Black Howler Monkey	EEP	NT
9.	<i>Amazona lilacina</i>	Lilacine Amazon	EEP	CR
10.	<i>Amazona viridigenalis</i>	Green-cheeked Amazon	EEP	EN
11.	<i>Anas bernieri</i>	Madagascar Teal	EEP	EN
12.	<i>Anas melleri</i>	Meller's Duck	EEP	EN
13.	<i>Anodorhynchus hyacinthinus</i>	Hyacinth Macaw	EEP	VU
14.	<i>Anthraceros malayanus</i>	Black Hornbill	EEP	VU
15.	<i>Aonyx cinerea</i>	Asian Small-clawed Otter	EEP/ SSMP	VU
16.	<i>Aotus griseimembra</i>	Grey-handed Night-monkey	EEP	VU
17.	<i>Aptenodytes patagonicus</i>	King Penguin	EEP	LC
18.	<i>Apteryx mantelli</i>	Northern Brown Kiwi	SSP	VU
19.	<i>Ara glaucogularis</i>	Blue-throated Macaw	EEP	CR
20.	<i>Ara militaris</i>	Military Macaw	EEP	VU
21.	<i>Ara rubrogenys</i>	Red-fronted Macaw	EEP	CR
22.	<i>Aratinga solstitialis</i>	Sun Parakeet	EEP	EN
23.	<i>Arctictis binturong</i>	Binturong	SSMP	VU
24.	<i>Argusianus argus</i>	Great Argus	EEP	VU
25.	<i>Asacomis scutulata</i>	White-winged Duck	EEP	CR
26.	<i>Astrochelys radiata</i>	Radiated Tortoise	EEP	CR
27.	<i>Astrochelys yniphora</i>	Ploughshare Tortoise	EEP	CR
28.	<i>Aythya baeri</i>	Baer's Pochard	EEP	CR
29.	<i>Balearica pavonina</i>	West African Crowned Crane	EEP	VU
30.	<i>Balearica regulorum</i>	Grey Crowned Crane	EEP	EN
31.	<i>Bettongia penicillata</i>	Brush-tailed Bettong	EEP	NT
32.	<i>Bubo scandiacus</i>	Snowy Owl	EEP	VU
33.	<i>Buceros bicornis</i>	Great Hornbill	EEP	VU
34.	<i>Buceros hydrocorax / mindanensis</i>	Rufous Hornbill	EEP	VU
35.	<i>Buceros rhinoceros</i>	Rhinoceros Hornbill	EEP	VU
36.	<i>Bucorvus abyssinicus</i>	Northern Ground Hornbill	EEP	VU
37.	<i>Bucorvus leadbeateri</i>	Southern Ground Hornbill	EEP	VU
38.	<i>Bugeranus carunculatus</i>	Wattled Crane	EEP	VU
39.	<i>Bycanistes brevis</i>	Silvery-cheeked Hornbill	EEP	LC
40.	<i>Bycanistes bucinator</i>	Trumpeter Hornbill	EEP	LC
41.	<i>Cacatua alba</i>	White Cockatoo	EEP	EN
42.	<i>Cacatua citrinocristata</i>	Citron-crested Cockatoo	EEP	CR
43.	<i>Cacatua haematuropygia</i>	Philippine Cockatoo	EEP	CR
44.	<i>Cacatua moluccensis</i>	Moluccan Cockatoo	EEP	EN
45.	<i>Cacatua sulphurea ssp.</i>	Yellow-crested cockatoo	EEP	CR
46.	<i>Callimico goeldii</i>	Goeldi's Monkey	EEP	VU
47.	<i>Caloenas nicobarica</i>	Nicobar Pigeon	EEP	NT
48.	<i>Capra falconeri hepteneri</i>	Turkmenian Markhor	EEP	NT
49.	<i>Casuarius casuaris</i>	Southern Cassowary	ESB	LC
50.	<i>Cebuella pygmaea</i>	Pygmy Marmoset	EEP	VU
51.	<i>Ceratogymna atrata</i>	Black-casqued Hornbill	EEP	LC
52.	<i>Ceratotherium simum simum</i>	Southern White Rhinoceros	EEP/ SSMP	NT
53.	<i>Cercocebus torquatus</i>	Cherry-crowned Mangabey	EEP	EN
54.	<i>Cercopithecus diana</i>	Diana Monkey	EEP	EN

NO.	SPECIES	COMMON NAME	PROGRAMME	IUCN
55.	<i>Cercopithecus neglectus</i>	De Brazza's Monkey	EEP	LC
56.	<i>Chelodina mccordi</i>	Roti Island Snake-necked Turtle	EEP/ SSP	CR
57.	<i>Chilabothrus angulifer</i>	Cuban Boa	ESB	LC
58.	<i>Choeropsis liberiensis</i>	Pygmy Hippopotamus	EEP	EN
59.	<i>Choloepus didactylus</i>	Linné's Two-toed Sloth	ESB	LC
60.	<i>Chrysocyon brachyurus</i>	Maned Wolf	EEP	NT
61.	<i>Cicinnurus regius</i>	King Bird-of-Paradise	EEP	LC
62.	<i>Ciconia abdimii</i>	Abdim's Stork	ESB	LC
63.	<i>Coendou prehensilis</i>	Prehensile-tailed Porcupine	ESB	LC
64.	<i>Colobus guereza</i>	Eastern Black-and-white Colobus	EEP	LC
65.	<i>Copsychus malabaricus</i>	White-rumped Shama	EEP	LC
66.	<i>Coracias cyanogaster</i>	Blue-bellied Roller	EEP	LC
67.	<i>Crocota crocata</i>	Spotted Hyena	EEP	LC
68.	<i>Cryptoprocta ferox</i>	Fossa	EEP	VU
69.	<i>Cuon alpinus</i>	Dhole	EEP	EN
70.	<i>Cyanerpes cyaneus</i>	Red-legged Honeycreeper	EEP	LC
71.	<i>Dasyprocta azarae</i>	Azara's Agouti	ESB	DD
72.	<i>Dendrolagus goodfellowi</i>	Goodfellow's Tree Kangaroo	GSMP	EN
73.	<i>Elephas maximus</i>	Asian Elephant	EEP	EN
74.	<i>Ephippiorhynchus senegalensis</i>	Saddle-billed Stork	ESB	LC
75.	<i>Equus grevyi</i>	Grevy's Zebra	EEP/ SSMP	EN
76.	<i>Eudytes moseleyi</i>	Northern Rockhopper	EEP	EN
77.	<i>Galago senegalensis</i>	Northern Galago	EEP	LC
78.	<i>Gallicolumba crinigera</i>	Mindanao Bleeding-heart	EEP	VU
79.	<i>Gallicolumba keayi</i>	Negros Bleeding-heart	EEP	CR
80.	<i>Gallicolumba luzonica</i>	Luzon Bleeding-heart	EEP	NT
81.	<i>Garrulax bicolor</i>	Sumatran Laughingthrush	EEP	EN
82.	<i>Gavialis gangeticus</i>	Indian Gharial	EEP	CR
83.	<i>Geochelone elegans</i>	Indian Star Tortoise	EEP	VU
84.	<i>Geochelone gigantea</i>	Aldabra Tortoise	EEP	VU
85.	<i>Geochelone platynota</i>	Burmese Star Tortoise	EEP	CR
86.	<i>Geronticus eremita</i>	Northern Bald Ibis (Waldrapp)	EEP	EN
87.	<i>Giraffa camelopardalis</i>	Giraffe	EEP/ SSMP	VU
88.	<i>Goura cristata</i>	Western Crowned Pigeon	EEP	VU
89.	<i>Goura sclaterii</i>	Sclater's Crowned Pigeon	EEP	NT
90.	<i>Goura victoria</i>	Victoria Crowned Pigeon	EEP	NT
91.	<i>Gracula spp.</i>	Hill Myna complex	EEP	LC
92.	<i>Guaruba guarouba</i>	Golden Parakeet	EEP	VU
93.	<i>Gubermatrix cristata</i>	Yellow Cardinal	EEP	EN
94.	<i>Gyps africanus</i>	African White-backed Vulture	EEP	CR
95.	<i>Helarctos malayanus</i>	Sun Bear	EEP/ SSMP	VU
96.	<i>Heosemys spinosa</i>	Spiny Hill Turtle	EEP	EN
97.	<i>Hyaena hyaena</i>	Striped Hyena	EEP	NT
98.	<i>Hylobates lar</i>	Lar (White-handed) Gibbon	EEP/ SSMP	EN
99.	<i>Hylobates pileatus</i>	Pileated Gibbon	EEP/ SSMP	EN
100.	<i>Irena puella</i>	Asian Fairy-Bluebird	EEP	LC
101.	<i>Kobus megaceros</i>	Nile Lechwe	EEP	EN
102.	<i>Larosterna inca</i>	Inca Tern	EEP	NT
103.	<i>Lemur catta</i>	Ring-tailed Lemur	EEP	EN
104.	<i>Leontopithecus chrysomelas</i>	Golden-headed Lion Tamarin	EEP	EN
105.	<i>Leontopithecus rosalia</i>	Golden Lion Tamarin	EEP	EN
106.	<i>Leptoptilos crumenifer</i>	Marabou Stork	ESB	LC
107.	<i>Leptoptilos javanicus</i>	Lesser Adjutant	ESB	NT
108.	<i>Leucopsar rothschildi</i>	Bali Myna	EEP	CR
109.	<i>Lophura edwardsi</i>	Vietnam Pheasant	EEP	CR

NO.	SPECIES	COMMON NAME	PROGRAMME	IUCN
110.	<i>Lophura erythrophthalma</i>	Malay Crestless Fireback	ESP	CR
111.	<i>Lorius domicella</i>	Purple-naped Lory	ESB	EN
112.	<i>Lorius garrulus</i>	Chattering Lory	ESB	VU
113.	<i>Lycaon pictus</i>	Painted Dog	EEP	EN
114.	<i>Macaca silenus</i>	Lion-tailed Macaque	EEP	EN
115.	<i>Macropus giganteus</i>	Eastern Grey Kangaroo	EEP	LC
116.	<i>Malacochersus tornieri</i>	Pancake Tortoise	EEP	CR
117.	<i>Manis javanica</i>	Sunda Pangolin	SSMP	CR
118.	<i>Marmaronetta angustirostris</i>	Marbled Teal	SSP	NT
119.	<i>Mauremys annamensis</i>	Vietnamese Pond Turtle	EEP	CR
120.	<i>Mauremys sinensis</i>	Chinese Stripe-necked Turtle	EEP	CR
121.	<i>Melursus ursinus</i>	Sloth Bear	EEP	VU
122.	<i>Mico argentatus</i>	Silvery Marmoset	EEP	LC
123.	<i>Musaphaga violacea</i>	Violet Turaco	ESB	LC
124.	<i>Mycteria ibis</i>	Yellow-billed Stork	ESB	LC
125.	<i>Myrmecophaga tridactyla</i>	Giant Anteater	EEP	VU
126.	<i>Nasalis larvatus</i>	Proboscis Monkey	SSMP	EN
127.	<i>Necrosyrtes monachus</i>	Hooded Vulture	EEP	CR
128.	<i>Neofelis nebulosa</i>	Clouded Leopard	EEP/ SSMP	VU
129.	<i>Nesoenas mayeri</i>	Pink Pigeon	EEP	VU
130.	<i>Nomascus gabriellae</i>	Buff-cheeked Gibbon	EEP	EN
131.	<i>Nycticebus coucang</i>	Sunda Slow Loris	EEP/ SSMP	EN
132.	<i>Orycteropus afer</i>	Aardvark	ESB	LC
133.	<i>Otidiphaps nobilis nobilis</i>	Green-naped Pheasant Pigeon	EEP	LC
134.	<i>Otus spp.</i>	Scops Owls	EEP	LC
135.	<i>Padda oryzivora</i>	Java Sparrow	EEP	EN
136.	<i>Pampusana sanctaecrucis</i>	Santa Cruz Ground-dove	EEP	EN
137.	<i>Pan troglodytes</i>	Chimpanzee	EEP/ SSMP	EN
138.	<i>Panthera leo</i>	African Lion	EEP	VU
139.	<i>Panthera leo persica</i>	Asian Lion	EEP	EN
140.	<i>Panthera onca</i>	Jaguar	EEP/ SSMP	NT
141.	<i>Panthera pardus katiya</i>	Sri Lankan Leopard	EEP	EN
142.	<i>Panthera tigris jacksoni</i>	Malayan Tiger	SSP	CR
143.	<i>Paradisaea minor</i>	Lesser Bird-of-Paradise	SSP	LC
144.	<i>Paradisaea raggiana</i>	Raggiana Bird-of-Paradise	SSP	LC
145.	<i>Pelecanus crispus</i>	Dalmatian Pelican	EEP	NT
146.	<i>Pelecanus philippensis</i>	Spot-billed Pelican	EEP	NT
147.	<i>Pelecanus rufescens</i>	Pink-backed Pelican	EEP	LC
148.	<i>Phloeomys pallidus</i>	Northen Luzon Cloud Rat	ESB	LC
149.	<i>Pitta sordida</i>	Hooded Pitta	ESB	LC
150.	<i>Platalea minor</i>	Black-faced Spoonbill	JSMP	EN
151.	<i>Polyplectron inopinatum</i>	Mountain Peacock-pheasant	EEP	NT
152.	<i>Polyplectron malacense</i>	Malay Peacock-pheasant	EEP	EN
153.	<i>Polyplectron napoleonis</i>	Palawan Peacock pheasant	EEP	VU
154.	<i>Pongo abelii</i>	Sumatran Orangutan	EEP/ SSMP	CR
155.	<i>Pongo pygmaeus</i>	Bornean Orangutan	EEP/ SSMP	CR
156.	<i>Prionailurus viverrinus</i>	Fishing Cat	EEP/ SSMP	VU
157.	<i>Probosciger aterrimus</i>	Palm Cockatoo	EEP	NT
158.	<i>Procavia capensis</i>	Rock Hyrax	ESB	LC
159.	<i>Psophia crepitans</i>	Grey-winged Trumpeter	EEP	LC
160.	<i>Pteronura brasiliensis</i>	Giant Otter	EEP	EN
161.	<i>Pterorhinus courtoisi</i>	Blue-crowned Laughingthrush	GSMP	CR
162.	<i>Ptilinopus superbus</i>	Eastern Superb Fruit-dove	EEP	LC
163.	<i>Pycnonotus zeylanicus</i>	Straw-headed Bulbul	EEP	CR
164.	<i>Pygathrix nemaeus</i>	Red-shanked Douc Langur	SSMP	CR

NO.	SPECIES	COMMON NAME	PROGRAMME	IUCN
165.	<i>Pygoscolis papua</i>	Gentoo Penguin	ESB	LC
166.	<i>Pithecophaga jefferyi</i>	Philippine Eagle	DENR	CR
167.	<i>Ramphastos toco</i>	Toco Toucan	ESB	LC
168.	<i>Ramphastos tucanus</i>	Red-billed Toucan	ESB	LC
169.	<i>Rhabdotorrhinus corrugatus</i>	Wrinkled Hornbill	EEP	EN
170.	<i>Rhinoceros unicornis</i>	Indian Rhinoceros	EEP/ SSMP	VU
171.	<i>Rhynchetos jubatus</i>	Kagu	EEP	EN
172.	<i>Rhyticeros cassidix</i>	Knobbed Hornbill	EEP	VU
173.	<i>Rhyticeros plicatus</i>	Papuan Hornbill	EEP	LC
174.	<i>Rhyticeros undulatus</i>	Bar-pouched Hornbill	EEP	VU
175.	<i>Rucervus eldii</i>	Thamin	SSMP	EN
176.	<i>Sagittarius serpentarius</i>	Secretary Bird	EEP	EN
177.	<i>Saguinus imperator</i>	Emperor Tamarin	EEP	LC
178.	<i>Saguinus labiatus</i>	Red-bellied Tamarin	EEP	LC
179.	<i>Saimiri sciureus</i>	Common Squirrel Monkey	EEP	LC
180.	<i>Sarcophilus harrisii</i>	Tasmanian Devil	ASMP	EN
181.	<i>Sarcoramphus papa</i>	King Vulture	ESB	LC
182.	<i>Scopus umbretta</i>	Hammerkop	ESB	LC
183.	<i>Spheniscus demersus</i>	African Penguin	EEP	CR
184.	<i>Spheniscus humboldti</i>	Humboldt's Penguin	EEP	VU
185.	<i>Streptopelia turtur</i>	European Turtle-dove	EEP	VU
186.	<i>Suricata suricatta</i>	Meerkat	EEP	LC
187.	<i>Tamandua tetradactyla</i>	Tamandua	ESB	LC
188.	<i>Tapirus indicus</i>	Malayan Tapir	EEP/ SSMP	EN
189.	<i>Tapirus terrestris</i>	Lowland Tapir	EEP/ SSMP	VU
190.	<i>Tauraco erythrolophus</i>	Red-crested Turaco	ESB	LC
191.	<i>Tauraco leucolophus</i>	White-crested Turaco	EEP	LC
192.	<i>Tockus deckeni</i>	Von Der Decken's Hornbill	EEP	LC
193.	<i>Tomistoma schlegelii</i>	False Gharial	ESB	EN
194.	<i>Trachypithecus auratus</i>	Javan Langur	EEP/ SSMP	VU
195.	<i>Trachypithecus francoisi</i>	Francois' Langur	EEP	EN
196.	<i>Tragelaphus angasii</i>	Lowland Nyala	EEP	LC
197.	<i>Tragelaphus eurycerus isaaci</i>	Eastern Bongo	EEP/ SSMP	CR
198.	<i>Trichechus manatus</i>	Caribbean Manatee	EEP	VU
199.	<i>Varanus komodoensis</i>	Komodo Dragon	EEP	VU
200.	<i>Varecia rubra</i>	Red Ruffed Lemur	EEP/ SSMP	CR
201.	<i>Varecia variegata</i>	Black-and-white Ruffed Lemur	EEP/ SSMP	CR
202.	<i>Vulpes zerda</i>	Fennec Fox	EEP	LC
203.	<i>Vultur gryphus</i>	Andean Condor	EEP	VU
204.	<i>Zenaida graysoni</i>	Socorro Dove	EEP	EW

ABBREVIATIONS USED

- PROGRAMME**
ASMP – Australasian Species Management Program
CWCA – China Wildlife Conservation Association
EEP – EAZA (European Association of Zoos and Aquaria) Ex-situ Programme
ESB – European Studbook
DENR – Department of Environment and Natural Resources (Philippines)
GSMP – Global Species Management Plan
ISB – International Studbook
SSMP – SEAZA (Southeast Asian Zoos and Aquariums) Species Management Programme
SSP – Species Survival Plan (Association of Zoos & Aquariums)
JAZA – Japanese Association of Zoos and Aquariums

- IUCN**
CR – Critically Endangered
EN – Endangered
VU – Vulnerable
NT – Near Threatened
LC – Least Concern
EW – Extinct In The Wild

Awards & Accreditations

Marketing Excellence Awards 2024

- **Gold in Excellence in Anniversary Marketing**
Golden ZOObilee Celebration:
Happy ZOObilee!,
Singapore Zoo
- **Gold in Excellence in Social Media Marketing**
The Great Flight,
Mandai Wildlife Group
- **Gold in Urban Guerilla Marketing**
Take Off to Paradise,
Bird Paradise
- **Silver in Excellence in Launch Marketing**
Take Off to Paradise,
Bird Paradise
- **Bronze in Excellence in Digital Marketing**
Your Wild Adventure,
Mandai Wildlife Group

TripAdvisor Travellers' Choice

- **2024 Travelers' Choice**
Singapore Zoo
- **2024 Travelers' Choice**
River Wonders

Singapore Tourism Awards 2024

- **Outstanding Attraction Experience**
Mandai Wildlife Reserve
- **Outstanding Marketing Idea**
Take Off to Paradise,
Mandai Wildlife Group

The Drum Awards Marketing APAC

- **Silver for Culture or Leisure category**
Take Off to Paradise,
Mandai Wildlife Group

MARKies Awards

- **Silver for Most Creative Launch**
Take Off to Paradise,
Mandai Wildlife Group

The Loyalty & Engagement Awards 2024

- **Silver for Best User Experience**
Ranger Buddies Quest,
Mandai Wildlife Reserve
- **Gold for Best Use of Technology**
Ranger Buddies Quest,
Mandai Wildlife Reserve

The Straits Times Singapore's Top 250 Best Employers

- **Ranked #42**
Mandai Wildlife Group

The Straits Times Singapore's Best Customer Service 2024/25

- **#1 in Amusement Park Experience**
Bird Paradise

SGenable Enabling Mark

- **Silver: 2024 — 2026**

Mob-Ex Awards 2024

- **Gold in Best App Install Campaign**
Mandai App Launch In Bird Paradise
Mandai Wildlife Group

NParks Landscape Excellence Assessment Framework (LEAF)

- **Platinum for Bird Paradise and Mandai Wildlife West**

WAZA Environmental Sustainability Award 2024

- **Winner**

Global Sustainable Tourism Council Destination Criteria

- **Certified as a Sustainable Tourist Destination**



Mandai
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