



TROPICAL DRY MIXED EVERGREEN FOREST

This is the WNP's most dominant ecosystem and is characterized by its red-yellow latosol

soil. A haven for fine-grained timber trees such as "Weera", "Palu", "Burutha" and Ebony, it shows 4 distinct layers of vegetation; a 20 – 30m high tree canopy, a 15m high sub-canopy,

shrubs up to 5m, and herbaceous plants up to 1m.

WHITE-BROWED BULBUL

Commonly seen in pairs.

They favour scrub jungle and

the borders of tanks, feeding

on fruit, insects and tree

JACOBIN CUCKOO They can be seen in shrub and thorny grasslands feeding on

insects and caterpillars. They

always lay their eggs in the nests

of the Common Babbler, whose

eggs, theirs very closely

resemble.

WOOLLY-NECKED STORK Sexes are alike, identified by their completely white soft neck. Found sparingly in the dry zone around tanks, swamps and flooded grasslands, they nest in isolated pairs. Molluscs, fish and grasshoppers make up most of their diet.

ORIENTAL HONEY-BUZZARD

Often found in well-wooded areas,

these birds are either solitary or in

spotted on trees or on the side of

rocky outcrops.

BROWN-HEADED BARBET

Found all over the island, they

are common at low elevations

and live in pairs. They feed on a

variety of fruits and are strictly

arboreal, never descending to

DRY "PATHANA" A uniquely Sri Lankan ecosystem, these grassy expanses of land devoid of thick forest cover consists of vegetation ranging from 0.1 – 1m in height. Despite its simple vegetative structure, this ecosystem plays an integral role in carbon storage, erosion control and climate change mitigation. Mostly confined to the Western region of the WNP, this ecosystem is associated with ancient human habitations, as indicated by the archaeological fragments found within them.

TROPICAL DECIDUOUS THORN FOREST/SCRUBLAND This ecosystem constitutes thick, thorny, resilient vegetation that is well adapted to the dry conditions of this region as well as towards receiving heavy structural damage by herbivores such as elephants. It comprises two distinct layers; thorny bushes that grow up to 4 – 6m and herbaceous plants that grow up to 5m.

FOREST EAGLE OWL ıltivated, they can also be A nocturnal species that spends the

trees chewing the fronds for nest construction. They are

ORANGE-BREASTED GREEN-PIGEON Often found in scrub and swamps, they live in small flocks traveling around the island and unite into larc

Primarily a scavenger, they feed on dead

fish, but are known to hunt hare and bats.

They often attempt to steal prey from

coast and around wetlands.

flocks when food is plentiful. They GOLDEN PALM CIVET mainly consume fruit. Endemic, nocturnal and solitary, they live

Inhabiting the lowland, dry scrub and montane built over water to protect forests, males are solitary whilst females are found

the nest from predators. in groups of up to 8 individuals. They typically feed on leaves, fruits, grasses and barks of trees. TRICOLOURED MUNIA They inhabit swamps, reed beds and

THE FLORA AND FAUNA OF **WILPATTU NATIONAL PARK**

The WNP is home to 623 flowering plant species belonging to 123 plant families. 27 of

these plant species are endemic and 21 were recorded as 'Threatened' by the DWC

in 2007. Two Baobab trees believed to have been introduced by Arab traders in the

During a survey carried out by the DWC in collaboration with the International Union

for Conservation of Nature (IUCN) in 2007, 284 faunal species belonging to 101

families were recorded. Of these species, 21 are endemic and 30 are

BAYA WEAVER

social, foraging in flocks

hanging nests are usually

found in the scrub iunale

on thorny trees, or are

grasslands, and are often seen in

small flocks. Medium sized w

These birds are highly

nationally 'Threatened'.

BLUE-FACED MALKOHA

They inhabit scrub jungle, preving

branches of trees. They are very

skittish and are often spotted flying

across dirt tracks or hopping from

tree to tree.

past are also found within the WNP, adding to its floral diversity.

litter or under logs, they can be seen

Thriving in an area as narrow as a few meters to over 10m, this ecosystem is found adjacent to minor streams, tributaries of rivers. They act as the frontline defense against stream bank erosion caused either by natural and/or human-induced factors. Well-developed riverine forests can be observed besides the Kala Oya and the Modaragam Aru. They provide convenient nesting sites for birds, bats, reptiles and amphibians.

DRONGO

day hidden in dense foliage, they hunt during the day around thick, undisturbed forest patches. or ear tufts, they are locally referred to as the "Ulama" or the 'Devil Bird because of the blood curdling

from tree to tree. They

can leap more than 6m

have a diverse diet, feeding on fruits, insects dispersal within an

PURPLE-FACED LANGUR

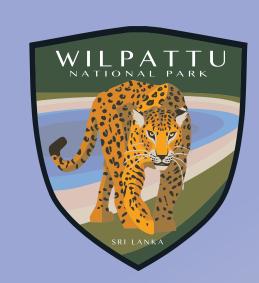
upto 7 adult females, and a varying amount of juveniles and infants. Bachelor groups also exis

STRIPED-TAILED BRONZEBACK TREE SNAKE geckos, agamids and skinks. They are non-venor

but are known to have a savage bite.

ROCK SKINK

RIVERINE FORESTS



OFFICIAL GUIDE TO THE BIODIVERSITY OF

WILPATTU

NATIONAL PARK

& ITS INFLUENCE ZONE, NORTHWESTERN PROVINCE

Sri Lanka

INTRODUCTION TO THE WILPATTU NATIONAL PARK

One of the island's oldest and largest protected areas, the Wilpattu National Park (WNP) is shrouded in mystery. This ancient tract of dry zone forest once played host to some of the earliest habitations on the island - a rich cultural heritage dating back almost 2500 years. Located along the northwestern coast, the WNP lies wedged between Modaragam Aru in the North and Kala Oya in the South, with the Dutch and Portugal Bays providing sanctuary from the open ocean on the West, and agrarian communities to the East.

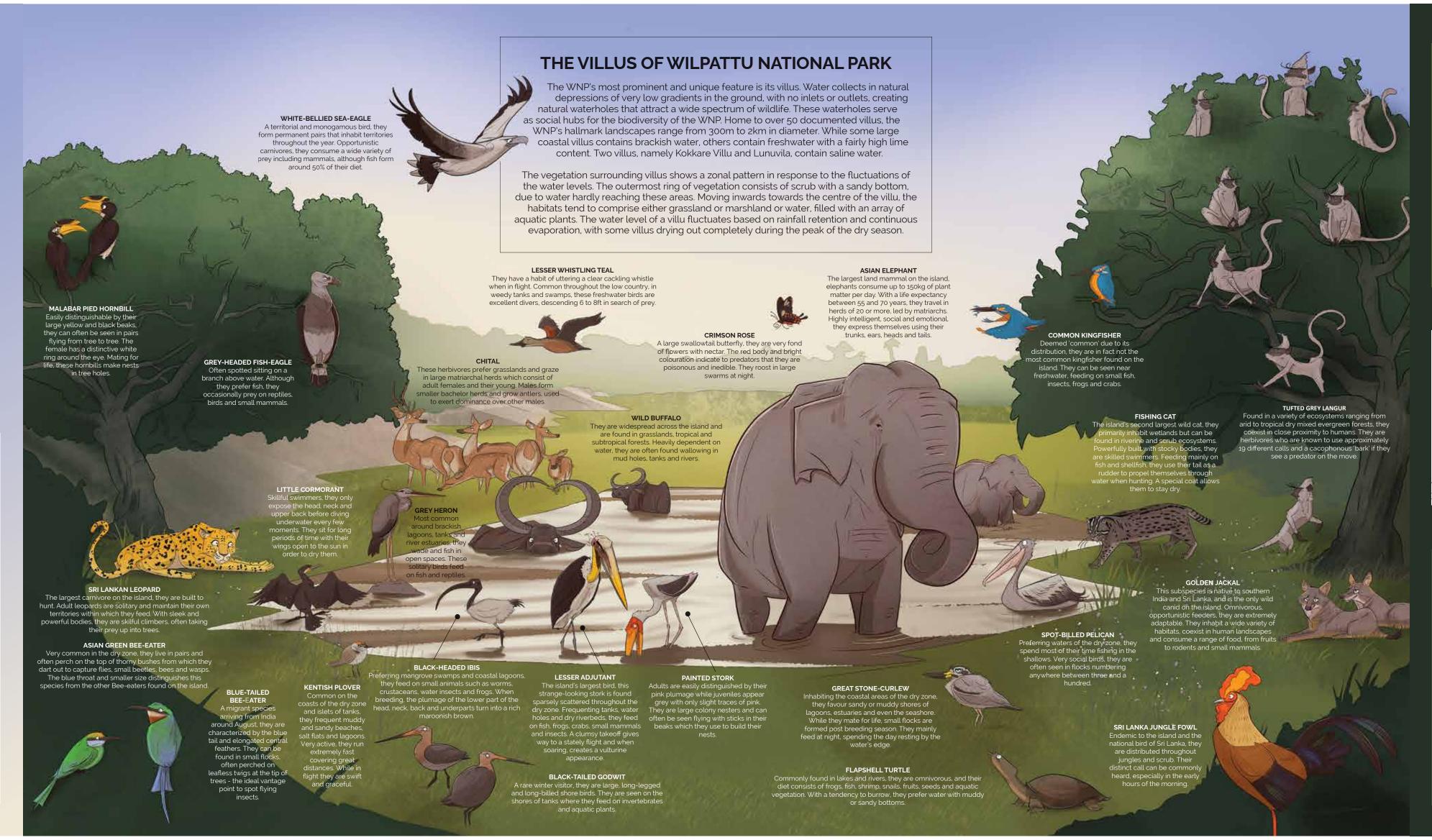
Named after its hallmark feature, the "Villu", this 'land of lakes' acts as a backdrop to a fascinating cast of animals that call this vast landscape of 131,678ha 'home'. Interspersed with several terrestrial ecosystems which include tropical dry mixed evergreen forests, dry pathana, scrub jungle and riverine systems, the WNP is a treasure trove waiting to be explored.

Receiving legal protection since 1905, the WNP consisted of a Game Sanctuary and Sportsman Reserves up until being designated as a National Park in 1938. With mesmerizing wildlife observations being made by researchers and enthusiasts, the 70's and 80's will long be remembered as the golden era of the WNP. Due to the adverse effects of the Sri Lankan terrorist conflict, the park was closed in 1988. Although it opened briefly during 2003, it was officially cleared and deemed safe to reopen for visitors in 2010. Since reopening, the WNP has gained a reputation of offering its visitors a holistic jungle experience with something for everyone.

Currently, access to the WNP is possible via the Department of Wildlife Conservation's (DWC) Hunuvilagama (WNP Headquarters) entrance and through a secondary gate at Eluwankulama. Two additional gates exist at Mullikulam and Thanthirimale. A dirt road from Puttalam to Mannar runs through the western side of the park but is often inaccessible to the public due to its rugged nature.

Approximately 34,000 people live in the WNP's influence zone. Their livelihoods are derived from a range of occupations with the majority of communities engaging in subsistence agriculture. An extent of 1.6km from the park boundary adjoining villages and other protected areas is maintained as a 'restricted development zone', ensuring there is a buffer of jungle cover.

Despite its importance, the WNP faces many challenges from illegal encroachment, poaching for wildlife and resources, climate change and related events such as droughts. Even though visitation to the WNP is limited to about 25% of the park's total area, it is critical to ensure the continued protection of this unique area of global importance through sustainable and responsible tourism.



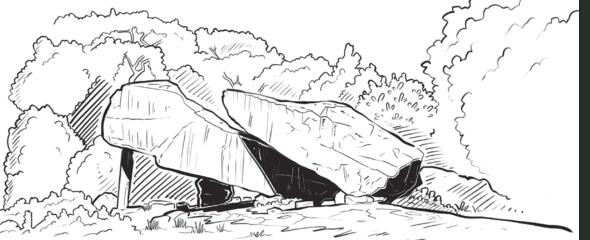
CULTURAL HISTORY

Immersed in history and associated legends, the WNP and its immediate surroundings have resulted in rich cultural heritage of over 2500 years, evident from the 68 archaeological sites which are located with the park

The northwestern coast of the WNP boasts a cupreous coastline that many legends and myths speak of. However, the most widely known is that which involves Prince Vijaya, who is said to have landed at "Thambapanni" or "Kudiramalai" around 500 BC. It is recorded in the Mahawamsa and the Deepavamsa (ancient Sri Lankan historical chronicles written in Pali), that "Thambapanni" was the name given to the area by Prince Vijaya upon his arrival, due to the unique colour of this coastline.

Another popular geological myth is that this coastline, specifically the Kudiramalai Point, was the base of a meteor strike that took place many centuries ago, justifiable by the burnt bed of rocks and bright copper hues visible when visiting this fascinating coastline.

Shrouded in myth and mystery, some legends suggest that Prince Vijaya took the "Yaksha" Princess Kuweni - whose palace lies in ruins at Kali Villu – as his partner, enabling him to become the ruler of this region and subsequently the entire island. The thick band of cotton trees surrounding Kuweni's palace ruins are symbolic, as it is also believed that Kuweni was engaged in spinning cotton when Vijaya first



ARCHAEOLOGICAL IMPORTANCE

As per adopted classifications, the archaeological sites of the WNP can be divided into five categories; fossil sites, prehistoric sites, protohistoric sites, monastic sites and irrigation/agricultural sites. Miocene era (26 - 27 MYA) fossils have been identified at several locations within the WNP, while eleven sites belonging to the prehistoric period have also been recorded, together with stone tools made with chert, clear quartz and pebbles. Pottery fragments, burial sites and ruined structures of monasteries belonging to the protohistoric period have been found in 43 sites, including at Pomparippu, the most famous urn burial site.

Of the eleven monastic sites recorded from within the WNP, Ochchappukallu (depicted above) and Veheragala, contain inscriptions. The name of the more significant site 'Ochchappukallu' is derived from the Tamil language, and literally translates to 'leaning stone'. A 2nd century rock-cut Brahmin inscription can be observed at this site on a drip-ledge cave, said to have belonged to the indigenous Veddah community; a testament to the ingenuity of our ancestors. Sadly, treasure hunters have damaged many, if not all archaeological sites that lie in these dense jungles. By now, many of them have been reclaimed by the forest and are frequented by animals, making them inaccessible to visitors.

Out of the 26 irrigation/agricultural sites that have been recorded, park authorities have successfully restored a few, and they continue to function to this day. The most notable of these is Periyavila, which is often mistakenly identified as a villu but is in fact a man-made tank. The remaining sites currently lay abandoned, as their bunds have been breached beyond recoverable measure.