

EXPERIENCE












YOUR NATIONAL PARK

Botanical Blitz at Asan Beach

Student Name: _____

In order to protect the dwindling native species of plants, it is important to record and understand their uses and significance. Asan Beach (a park unit at WAPA) is mainly divided into two: coastal strand (which includes the maintained lawn), and limestone forest. Look for the plants below and fill in the blank boxes in the chart as you walk along the trail. Take the trail up Asan Ridge that begins by the restrooms. At the first intersection head right in the direction of the reef. When you reach the monument, walk toward the beach near the parking lot to complete your study.

		
Scientific Name	<i>Casuarina equisetifolia L.</i>	<i>Ipomoea pes-caprae</i>
Common Name	Coconut Tree, Trongkon Niyok	Beach morning glory
Nativity		Indigenous
Uses	Food, oil, insect repellent, vinegar, sugar, weaving, soap, rope, lumber, brooms...	Fuel, timber, red dye, treatment of pimples, dysentery, asthma, diarrhea and stomach-ache
Habitat		
		
Scientific Name	<i>Morinda citrifolia</i>	
Common Name		Hibiscus
Nativity		
Uses	Dyes, cleanser of hair, iron and steel, treatment of bad breath, high blood pressure...	Tea, food, rope, pH indicator, to promote hair growth, treatment of boils, sores, inflammations...
Habitat		
		
Scientific Name	<i>Canavalia rosea</i>	<i>Scaevola sericea Vahl</i>
Common Name	Seabean	Sea lettuce, Nanaso
Nativity	Indigenous	Indigenous
Uses		
Habitat		Food, cloth, mosquito repellent, caulk, treatment of headache, toothache, ear infections...

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Botanical Blitz at Asan Beach Answer Key

Notes: This worksheet is designed to be a teacher guided plant tour of the Asan Ridge trail. As students locate each plant, use this answer key to provide the students with the information to complete the worksheet.

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Scientific Name	<i>Cocos nucifera</i>	<i>Casuarina equisetifolia</i> L.	<i>Ipomoea pes-capre</i> (L.) R.
Common Name	Coconut Tree, Trongkon Niyok	Ironwood	Beach morning glory
Nativity	Indigenous	Indigenous	Indigenous
Uses	Food, oil, insect repellent, vinegar, sugar, weaving, soap, rope, lumber, brooms...	Fuel, timber, red dye, treatment of pimples, dysentery, asthma, diarrhea and stomach-ache	Rope, mask defogger, caulk, treatment of skin affections, ulcers, stings and wounds
Habitat	Strand	Strand, Forest	Strand
			
Scientific Name	<i>Morinda citrifolia</i>	<i>Hibiscus rosa-sinensis</i>	<i>Colubrina asiatica</i>
Common Name	Noni, Lada	Hibiscus	Lather leaf, gasoso
Nativity	Indigenous	Non-Native	Indigenous
Uses	Dyes, cleanser of hair, iron and steel, treatment of bad breath, high blood pressure...	Tea, food, rope, pH indicator, to promote hair growth, treatment of boils, sores, inflammations...	Soap substitute, the fruits contain saponins and are used as a fish poison
Habitat	Forest	Forest	Forest
			
Scientific Name	<i>Canavalia rosea</i>	<i>Scaevola sericea</i> Vahl	<i>Artocarpus altilis</i>
Common Name	Seabean	Half flower, Sea lettuce, Nanaso	Breadfruit, Lemai
Nativity	Indigenous	Indigenous	Non-Native
Uses	Food, treatment of boils, and rheumatism	Antidote after eating poisonous fish or crab, blowguns in games, nails in traditional boat building	Food, cloth, mosquito repellent, caulk, treatment of headache, toothache, ear infections...
Habitat	Strand	Strand, Forest	Forest

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