

BANGABASI MORNING COLLEGE



TOPIC NAME

PEOPLE'S BIODIVERSITY REGISTER

NAME: SOUMEN MONDAL

CU ROLL NO: 222144-22-0013

CU REGISTRATION NO: 144-1111-0817-22

STREAM: B.A. GENERAL

PAPER: GEOGRAPHY (CC2)

SEMESTER: II

CONTACT NO: 8100389023

SESSION: 2022-2023

INDEX

SL. NO.	TOPIC NAME	PAGE NO.
①	Acknowledgement	1
		2
②	INTRODUCTION	3
③	GROUP PHOTO	5-12
④	FLORA REGISTER	15-25
⑤	Fauna Register	27
⑥	Bibliography	

ACKNOWLEDGEMENT

I, would like to express my special thanks of gratitude to my respected teacher Prof. Smt. Aditi Das madam, who gave me the golden opportunity to do this wonderful project on this topic Biodiversity register of Flora and Fauna.

Secondly, I would like to thank my parents and friends who helped me a lot in finalizing this project within the limited time frame.

Lastly, I like to thank all my supporters who have motivated me to finish this project before the timeline.

INTRODUCTION

Banabitan Biodiversity Park, popularly known as Central Park, is a public urban park situated in the heart of our city of Joy. It is the second largest open space in Kolkata Metro Politan area after Maidan. It is the habitat for a varied species of flora and fauna. The park built around an expansive waterbody.

Banabitan is the epitome of a small pocket of nature amidst the hustle and bustle of concrete city life.

GROUP PHOTO



TOPIC NAME

FLORA PEOPLE
Biodiversity Register

Place: CENTRAL PARK (SALT LAKE, KOLKATA)

Date: 12th May 2023

FLORA



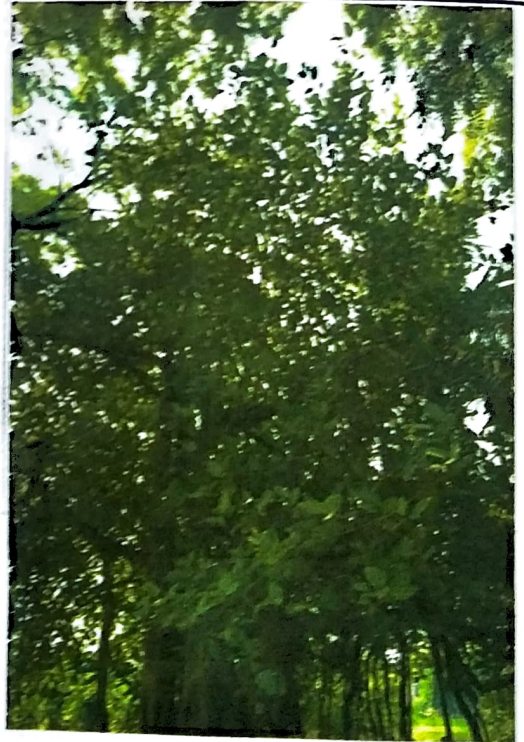
FRANGIPANI



CHINA ROSE



COCONUT TREE



BANYAN TREE

SL. NO.	COMMON NAME	SCIENTIFIC NAME	HABITAT	DESCRIPTION	SPECIAL FEATURES	STATUS
①	Flangipani	<u>Plumelia</u> <u>hubba</u>	terrestrial	It is a shrub that grows in tropical, subtropical regions. Its flowers are white, yellow, pink or multicolour.	Its flowers can be used to make fragrance item. It is also used as a medical plant.	common
②	China Rose	<u>Hibiscus</u> <u>rosa-simensis</u>	terrestrial	It's a bushy ever-green shrub. The flower are multicolour large. The bottom of the bud consists of calyx.	The flowers are bisexual. The flowers are solitary. The flowers are hypogynous.	Common
③	Coconut Tree	<u>COCUS</u> <u>nucifera</u>	terrestrial	It's a tree with a slim and smooth trunk, a crown of leaves, and green or yellow fruit. The flowers grow in clusters.	Coconut water have some medicinal properties. The stem is used for craft-work. The tree is found more than 20 countries.	Common
④	Banyan Tree	<u>FICUS</u> <u>benghalensis</u>	terrestrial	It reaches a height upto 30 metres. Aerial roots develop from branches and become new trunk. It spreads laterally indefinitely.	It produce vast crops of figs. It provide a shade like place. It's part is used in herbal medicine.	Common

FLORA



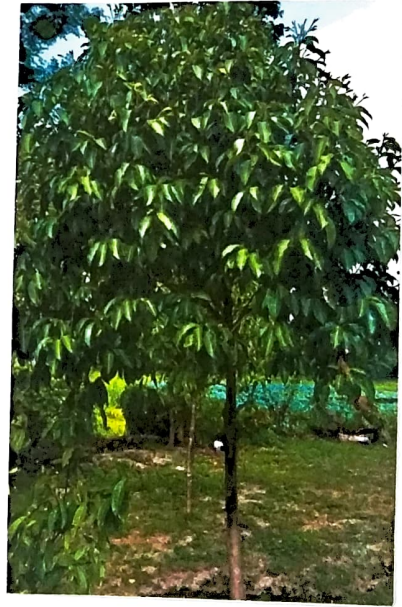
CRAPE JASMINE



INDIAN RUBBER TREE



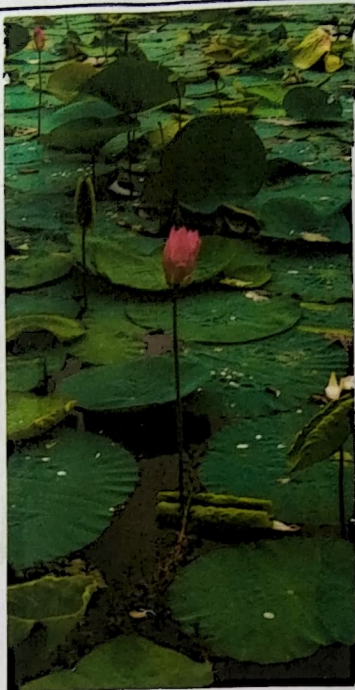
PANTHA PADAP TREE



MANGO TREE

SL No.	COMMON NAME	SCIENTIFIC NAME	HABITAT	DESCRIPTION	SPECIAL FEATURE	STATUS
5	Orange Jasmine	<u>Tabernaemontana</u> <u>-tana</u> <u>divaricata</u>	Terrestrial	It's an attractive evergreen tree. The shiny, dark green leaves. The white flower with five-six lobes.	It provides many kinds of medicinal properties. The flower fragrant especially at night. Flower petals are twisted	Common
6	Indian Rubber Tree	<u>Ficus</u> <u>elastica</u>	Terrestrial	The rubber plant has large, thick leaves, long and fig-like fruits in pairs along the branches. The frank and latex.	People make living bridge by guide its roots. Latex is used to make rubber. It has largest leaf.	Rare
7	Pantua Padap Tree	<u>Ravenna</u> <u>malagascabi</u> <u>-ensis</u>	Terrestrial	It has enormous paddle-shaped leaves are borne among Petioles. The plants grow older. The flowers are large and white.	→ The flowers upon being pollinated it has brilliant blue seeds. The plant is widely cultivated.	Rare
8	Mango Tree	<u>Mangifera</u> <u>indica</u>	Terrestrial	It's deep sweeted, evergreen. It has simple lanceolate leaves. The fruit is roughly oval in shape with juicy edible mesocarp when ripe.	Fruits are rich source of VA, VE, VD. It gives us more O ₂ and absorb CO ₂ . It survive in semi-drought condition.	Common

FLORA



LOTUS



SHAME PLANT

Sl. No.	COMMON NAME	SCIENTIFIC NAME	HABITAT	DESCRIPTION	SPECIAL FEATURE	STATUS
10	Lotus	<u>Nelumbo</u> <u>nucifera</u>	Aquatic	It's an aquatic perennial. It only comes in pink buds or white. The seeds are implanted in the soil of under-land and leaves float on the water surface.	It's the national flower of India. Lotus honey is useful for treatment of various eye diseases. It's the also national flower of Vietnam.	Common
11	Shame plant	<u>Mimosa</u> <u>Pudica</u>	Terrestrial	It is a prostrate. It is semi erect substrate of tropical America. It has sensitive soft grey green leaflets that fold and droop at night or when touched and cooled.	After touching it quickly folds its leaflets. The leaves also droop at night. They are often prickly	Rare

TOPIC NAME

FAUNA

~~PEOPLE~~

~~Biodiversity Register~~

Place: CENTRAL PARK (SALT LAKE, KOLKATA)

Date: 12th May 2023

20.16

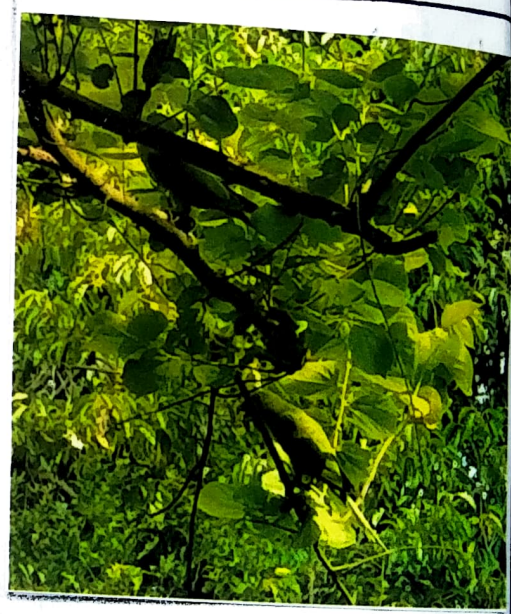
FAUNA

FAUNA



INDIAN HONEY BEE

BLACK ANT



SQUIRREL

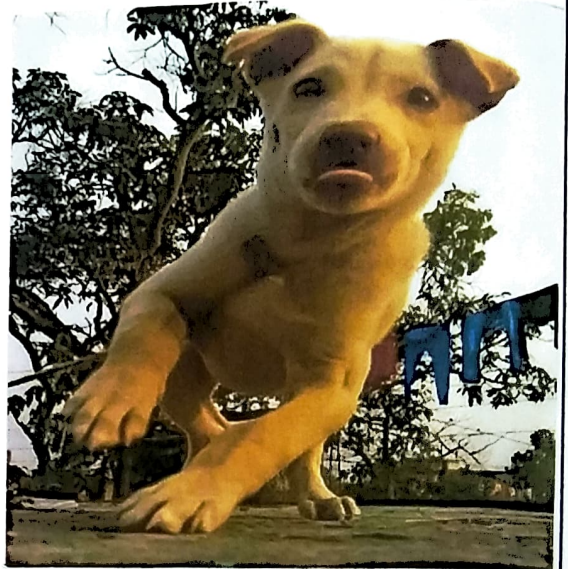
PARRAT

Sl No.	COMMON NAME	SCIENTIFIC NAME	HABITAT	DESCRIPTION	SPECIAL FEATURES	STATUS
①	Indian Honey Bee	<u>Apis cerana indica</u>	AVI- fauna	It's a subspecies of Asiatic honey bee. It's ideal for bee keeping. It has stocky body covered with many hairs. The bee's head also houses the brain and contains several important glands.	→ They shift the colony often. They dominated by a single queen. They have fine eyes.	Rare
②	Black Ant	<u>Formicidae</u>	Terrestrial	Ants evolved from wasp-like ancestors. It's nest in soil, lawns. They are social insects. They live in colonies.	It has large head with compound eyes. It has powerful mandibles. It has metapleural glands that secrete an antibiotic fluid.	Common
③	Squirrel	<u>Sciuridae</u>	Arboreal	It's small rodents with slender bodies, bushy tails and large eyes. Their fur is short, soft and silky.	It zigzag to escape predators. Its front teeth never stop growing. It can find food buried beneath a foot of snow.	Common
④	Parrot	<u>Psittaciformes</u>	Arboreal	It has a strong, curved bill, an upright stance, strong legs. It's mainly multi-colored.	Most parrots exhibit little. It can live over 100 years. It build nest inside trees. It can weigh upto 7 pounds.	Rare

FAUNA



INDIAN MYNAH



DOG



CROW



CAT

SL NO	COMMON NAME	SCIENTIFIC NAME	HABITAT	DESCRIPTION	SPECIAL FEATURE	STATUS
5	Common Mynah	<u>Artibeotheres tristis</u>	Aquatic	The common mynah is brown with a black head. It has a yellow bill, legs are bare eye skin, in flight it shows large white wing patches.	The common mynah or Indian mynah, is a member of the family Sturnidae native to Asia. An omnivorous open woodland bird with a strong territorial instinct, the mynah has adapted extremely well to urban environments.	Common
6	DOG	<u>Canis lupus familiaris</u>	terrestrial - all	It's a domestic mammal of the canidae. It has four legs, bushy tail, It is black, white, brown etc. in colour.	It's sense of smell is good. It doesn't sweat like we do. It can shift of the same time as breathing.	Common
7	Crow	<u>Corvus splendens</u>	Avi-fauna	It is large intelligent all black birds with crowing voice. It has shiny to black feathers. It has long bill.	It's super smart. It can remember faces. It wide their food. It have a huge brains.	Common
8	Cat	<u>Felis catus</u>	Terrestrial	Cat is a domestic animal, small in size. They have two mesmerizing eyes, two high sensitive ears and four legs.	It can jump 5 times their own height. It can run to speed of 30mph over short distance. It's genetic is almost same with tiger.	Common

FAUNA



COMMON TIGER BUTTERFLY



HERON

SL NO.	COMMON NAME	SCIENTIFIC NAME	HABITAT	DESCRIPTION	SPECIAL FEATURES	STATUS
9	COMMON TIGER BUTTERFLY	<u>DANAUS GEMUTIA</u>	Avi-fauna	It is a large butterfly. The tigers belong to the genus Danaus. Characterised by having orange wings with black veins, a white subapical band, and a double row of white spots around the margins of the hind wings.	The largest lived of all species. They feed mostly on toxic plants. Consequently any bird that suffers the unpleasant experience of tasting a Danaus is unlikely to attack any similarly coloured butterfly.	Common
10	Heron	<u>Ardeidae</u>	Aquatic Aerogerial	The herons are long legged and long necked freshwater and coastal birds. It's fish eating bird. It is in the family with 72 recognised species.	They are unmistakable. They can stand with their neck stretched out. They can eat upto 11 ponds of fish a day.	Common

BIBLIOGRAPHY

① The book of Indian birds by Salim Ali.

② Environmental Studies by Dr. Sujam Kumar Bala.

③ <http://www.google.com>.

④ <http://www.wikipedia.com>.