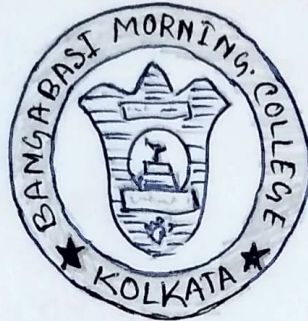


BANGABASI MORNING COLLEGE



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TO
The Department of Geography
under the support and guidance of -
Smt - Aditi Das.
Bangabasi Morning College
The University of Calcutta.

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- 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 the topic Biodiversity Registers of Flora and Fauna.

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Date.
7th June 2023.

Bijoy mandal.
- signature -

—INTRODUCTION—

Banabitan Biodiversity Park, popularly known as Central park is a public urban park, situated in the heart of our city of Jay. It is the second largest open space in the habitat for a varied species of flora and fauna. The park is built around an expansive water body.

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

— X —

Group x Photo



— x —

TOPIC

NAME

FLORA

PEOPLES'

BIODIVERSITY

REGISTER

PLACE - CENTRAL PARK
(SALT LAKE, KOLKATA).

DATE - 12th MAY 2023.

5



①

FRANGIPANI



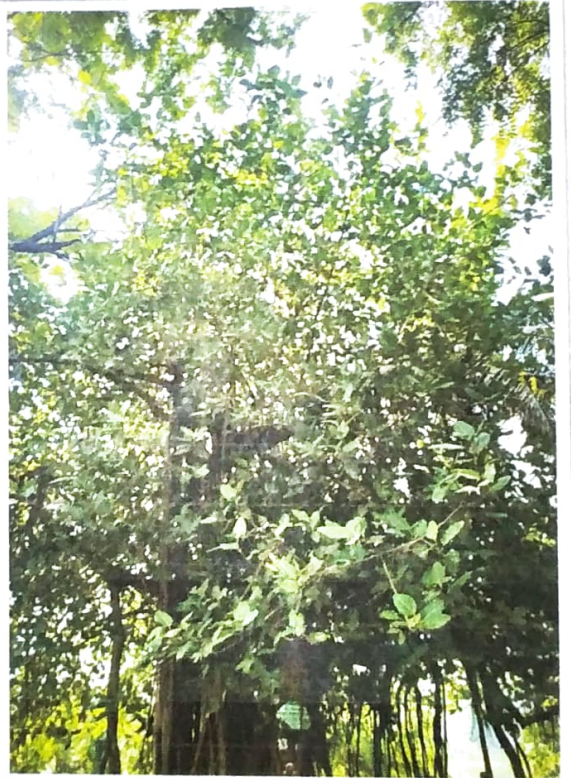
②

CHINA ROSE



③

COCONUT TREE



④

BANYAN TREE

SL NO	COMMON NAME	SCIENTIFIC NAME	HABITAT	DESCRIPTION	SPECIAL FEATURE	STATUS
①	Frangipani	<u>Plumeria</u>	Terrestrial	It is a shrub that grows in tropical subtropical regions. Its flowers are white, yellow, pink, or multi colored.	→ Its flowers can be used to make fragrance item. → It is used as a medicinal plant also.	Common
②	China Rose	<u>Hibiscus rosa-sinensis</u>	Terrestrial	It's a bushy evergreen shrub. The flowers are multicolored 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>Cocos 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 raffia. → The tree is found in more than 90 countries.	Common
④	Banyan Tree	<u>Ficus benghalensis</u>	Terrestrial	It reaches a height upto 30 metres. Aerial roots develop from branches and become new trunk. It spreads laterally.	→ It produce vast crops of figs. → It provide a shadowed place. → Its part is used in herbal medicine.	Common

7



5) CRAPE JASMINE



6) INDIAN RUBBER TREE



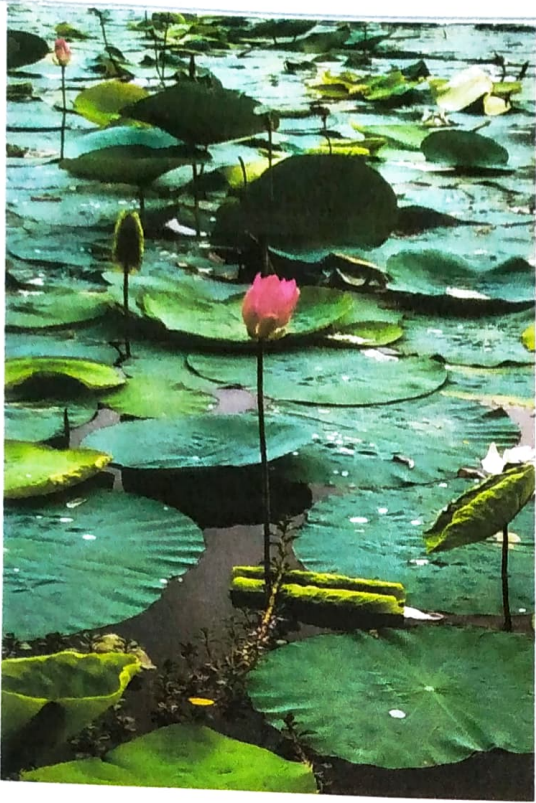
7) PANTHAPPAD TREE



8) MANGD TREE

SL NO	COMMON NAME	SCIENTIFIC NAME	HABITAT	DESCRIPTION	SPECIAL FEATURE	STATUS
5	Crape Jasmine	<u>Tabernaemontana 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 flowers fragrant especially at night. → Flower petals are twisted.	Common
6	Indian Rubber Tree	<u>Ficus elastica</u>	Terrestrial	The rubber plant has large, thick leaves, long and figlike fruits, in pairs along the branches. The trunk exude latex.	→ people make living bridge by guide its roots. → Latex is used to make rubbers. → It has largest leaf.	Rare
7	Panthalap Tree	<u>Ravenala</u>	Terrestrial	It has enormous Paddle-shaped leaves are born on long petioles. The plants grows older the flower 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 indica</u>	Terrestrial	It's deep-rooted, evergreen. It has simple lanceolate leaves. Fruits are juicy and sweet. Leaves are green in colour.	→ Fruits are rich source of VA, VC, VD. → It gives us more O ₂ and absorb more CO ₂ . → It survive in semi-drought condition.	Common

9



9

LOTUS



10

TOUCH ME NOT

SL NO	COMMON NAME	SCIENTIFIC NAME	HABITAT	DESCRIPTION	SPECIAL FEATURE	STATUS
9	Lotus	<u>Nelumbo nucifera</u>	Aquatic	It's an aquatic perennial. It only comes in pink, hues or white. The roots are implanted in the soil at waterland and leaves float on the surface.	→ It's the national flower of India. → Lotus honey is useful for treatment of various eye diseases. → It's the national flower of Vietnam	Common
10	Touch Me Not	<u>Mimosa pudica</u>	Terrestrial	It is a prostrate. It is semi-erect subshrub of tropical America. It has sensitive soft grey green leaflets that fold and droop at night or when touched and curled.	→ After touching if quickly folds its leaflets. → The leaves also droop at night. → They are sensitive prickly.	Rare

TOPIC

NAME

FAUNA

PEOPLES' BIODIVERSITY

REGISTER

PLACE - CENTRAL PARK
(SALT LAKE, KOLKATA)

DATE - 12th MAY, 2023.



① INDIAN HONEY BEE



② BLACK ANT



③ SQUIRREL

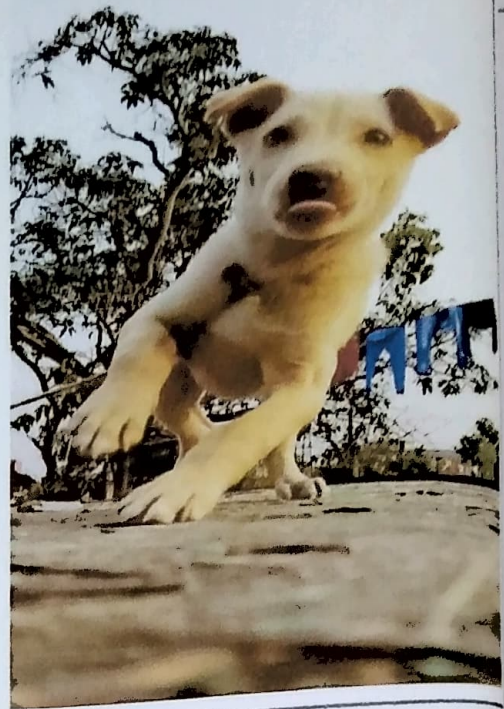


④ PARROT

SL NO	COMMON NAME	SCIENTIFIC NAME	HABITAT	DESCRIPTION	SPECIAL FEATURE	STATUS
①	Indian Honey Bee	<u>Apis cerana indica</u>	Avifauna	It's a subspecies of Asiatic Honey Bee. It's ideal for bee keeping It has stocky body covered with many hairs.	→ They shift the colony often. → They dominated by a single queen. → They have five eyes.	Rare
②	Black Ant	<u>Formicidae</u>	Terrestrial	Ant evolved from wasplike 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 metapherous glands that secrete an antibiotic fluid.	Common
③	squirrel	<u>Sciuridae</u>	Aboveal	The small rodents with slender bodies bushy tail and large eyes. their fur is short soft and silky.	→ It zigzag to escape predator → Its front teeth never stop growing. → It can find food buried beneath a foot of snow.	Common
④	Parrot	<u>Psittaciformes</u>	Aboveal	It has a strong curved bill, on upright stance, strong legs. It's vividly as multicoloured.	→ Most parrots exhibit little. → It can live over 100 years. → It build nest inside trees → It can weight upto 7 pounds.	Rare



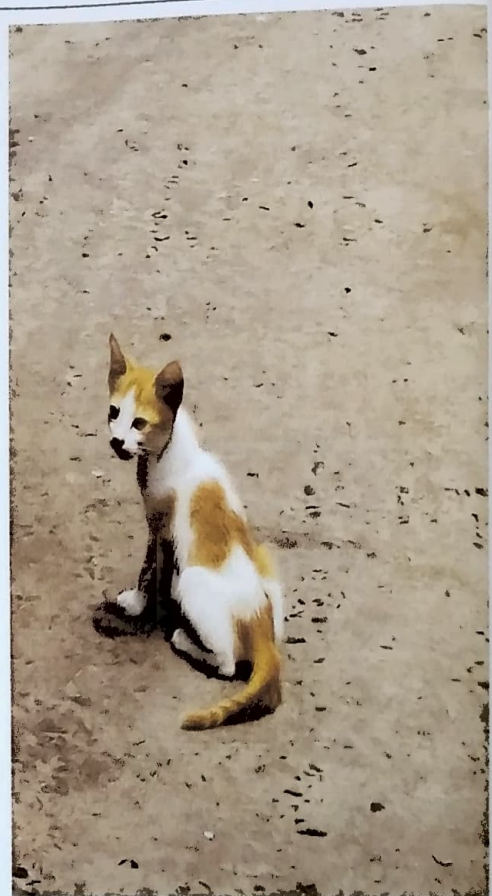
⑤ INDIAN MYNAH



⑥ DOG

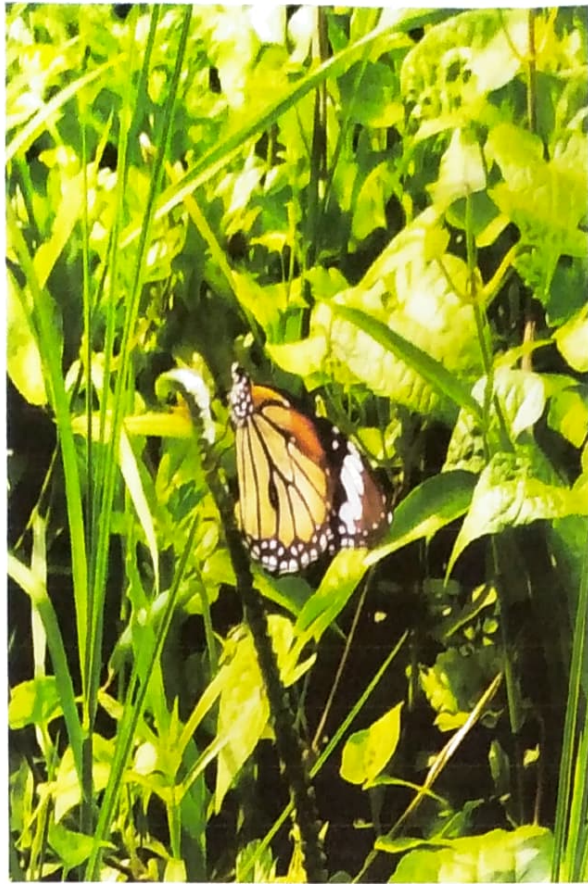


⑦ CROW



⑧ CAT

SL NO	COMMON NAME	SCIENTIFIC NAME	HABITAT	DESCRIPTION	SPECIAL FEATURE	STATUS
⑤	Indian Mynah	<u>Aceredotheres tristis</u>	Aboveal	It's medium sized bird native to middle east. It's brown with glassy black head bright yellow bills.	→ It's believed to pair for life. → It use the nest of wood pickers. → It is omnivomy	Common
⑥	Dog	<u>Canis lupus familiaris</u>	Terrestrial	It's a domestic mammal of the canidae. It has four legs. bushy tail. It is black, white brown etc in calalor.	→ Its sense of smell is good. → It doesn't sweat like we do. → It can shift of the same time of breathing.	Common
⑦	crow	<u>Corvus splendens</u>	Avi-fauna	It is large intelligent all-black birds with cawing voice. It has shiny black feathers. It has a long bill.	→ It is super smart. → It can remember faces. → It hide their food. → It have huge brains.	Common
⑧	cat	<u>Felis catus</u>	Terrestrial	Cat is a domestic animal small in size. They have two mesmerizing eyes, two hisensitive ears and four legs.	→ It can jump 5 times their own height → It can run to speed of 30kmph over short distance → Its genetic is almost same with tiger.	Common



9
COMMON
TIGER
BUTTERFLY

10

HERAN



SL NO	COMMON NAME	SCIENTIFIC NAME	HABITAT	DESCRIPTION	SPECIAL FEATURE	STATUS
9	Common Tiger Butterfly	<u>Danaus Genutia</u>	Avi-fauna	<p>It is a medium sized vibrant butterfly.</p> <p>The segment body is black.</p> <p>The underside wings are a lighter shade of orange.</p> <p>It is very beautiful.</p>	<p>→ The largest lived of all species.</p> <p>→ They feed mostly on toxic plants.</p> <p>→ Their pupa is fresh green.</p>	Common
10	Heron	<u>Ardeidae</u>	Aquatic terrestrial	<p>The herons are long legged long necked freshwater and coastal birds.</p> <p>It's finish eating bird.</p> <p>It is in the family with 72 recognised species.</p>	<p>→ They are unmis takeable.</p> <p>→ They can stand with their neck stretched out.</p> <p>→ They can eat upto 11 pounds of fish a day.</p>	Common

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