

# LSM1303 Practical 1

## Pop Quiz

# I. Wild Places in Singapore

# Where are these places on your map (Google)

1. Bukit Timah Nature Reserve

2. Central Catchment Nature Reserve (identify the reservoirs within)

3. Sungei Buloh Nature Park Network

4. Pasir Ris Nature Park

5. Labrador Nature Reserve

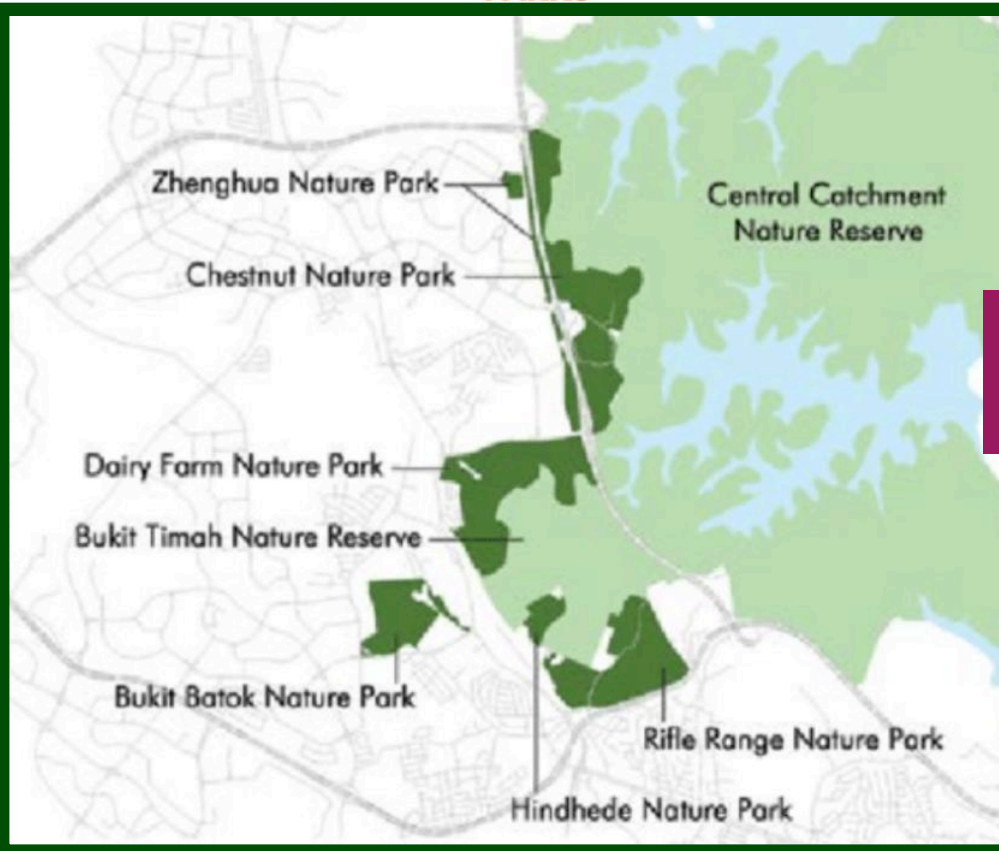
6. Sisters Island Marine Park

7. Singapore River, Kallang River and Marina Bay

**The value of NParks  
maps and boundaries**



# Bukit Timah Nature Reserve



Roads as a reference

Dairy Farm Nature Park

Hindhede Nature Park

Rifle Range Nature Park

6. Four pers, including dogs, are not allowed in the nature reserves.
7. Refrain from bringing food to the nature reserves or eating in the presence of monkeys.
8. Do not carry plastic bags. Monkeys have been conditioned to associate plastic bags with food.
9. Observe all signs and information boards that are provided for your safety and enjoyment.
10. If you encounter any snakes, do not provoke them. Move away slowly and avoid sudden movements. Inform the duty ranger of your sighting immediately.
11. Large groups of people tend to generate a lot of noise. Keep your groups small. If your group has 30 or more people, do apply for a permit prior to your visit.

You are a guest here. It is your responsibility to conserve our fragile nature reserves, both for your enjoyment and that of future generations.

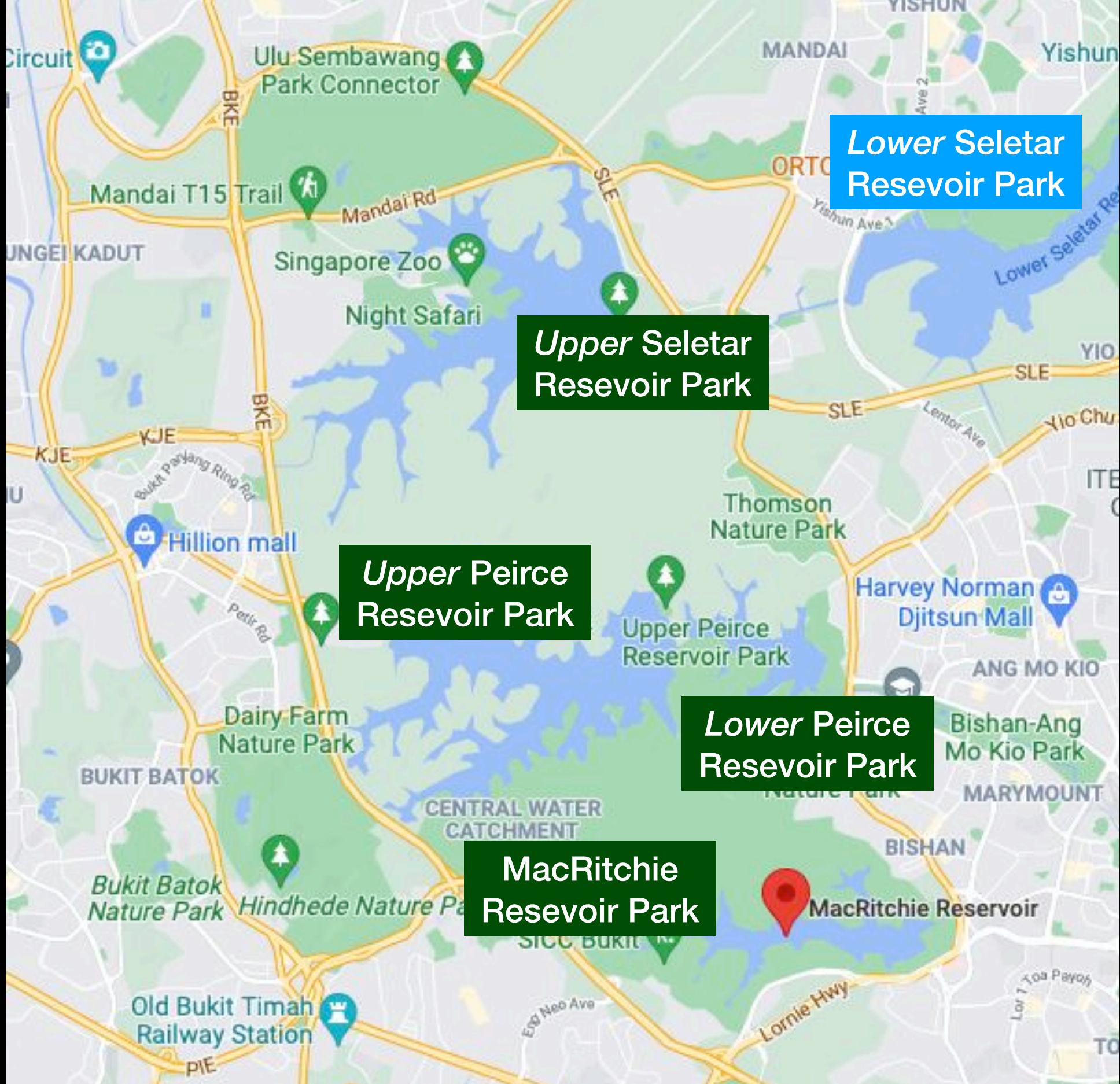
For the well-being of our native flora and fauna, please abide by the Parks & Trees Act (Cap. 216) and the Parks & Trees Regulations (Cap. 216, R1).

For enquiries and feedback or to report any illegal activities, please contact the NParks helpline at 1800-4717300

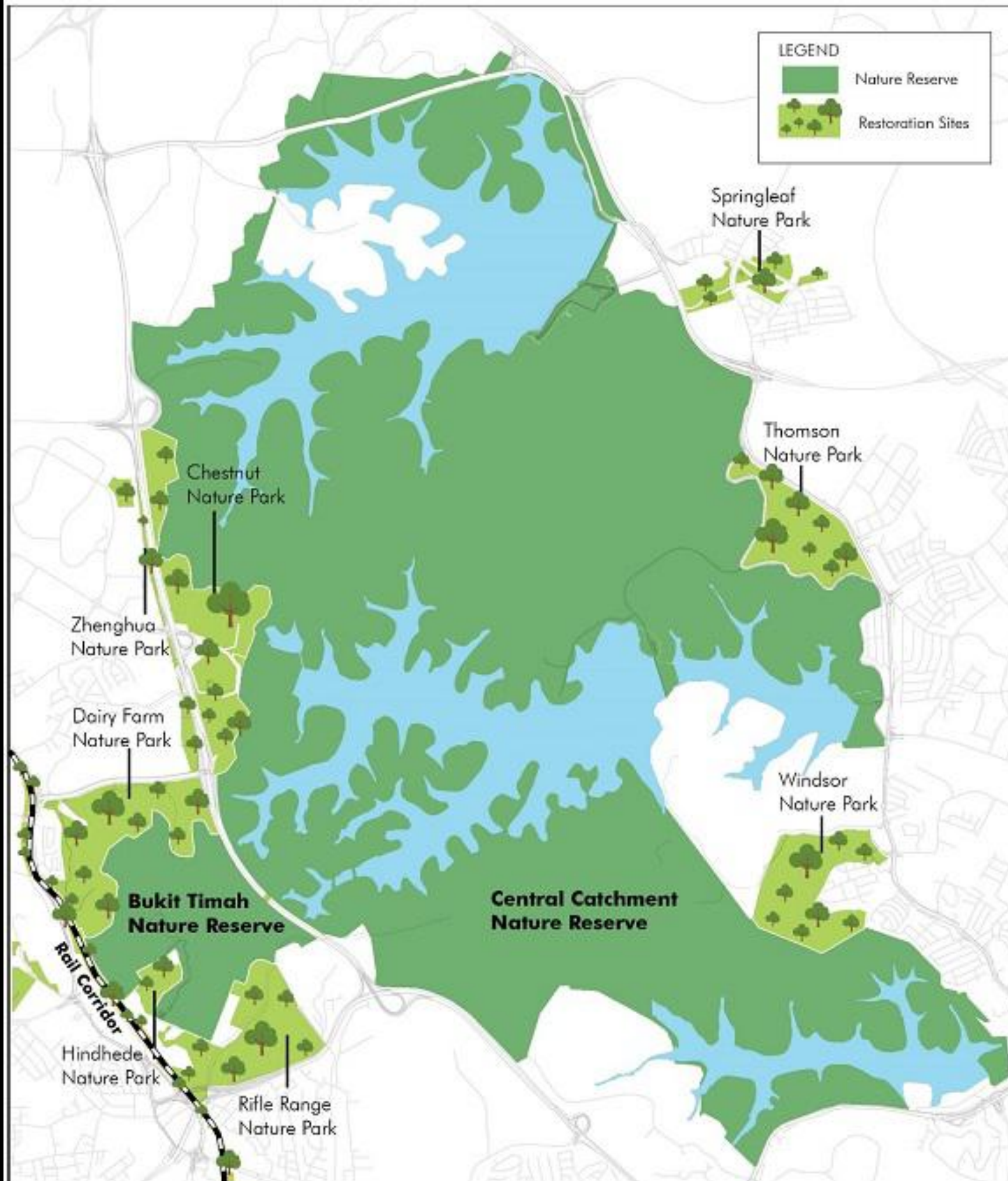
- |                       |                |          |
|-----------------------|----------------|----------|
| Route 1 (Easy)        | Shelter        | Building |
| Route 2 (Easy)        | Toilet         |          |
| Route 3 (Moderate)    | Carpark        |          |
| Route 4 (Difficult)   | Bus-stop       |          |
| Mountain Biking Trail | MRT            |          |
| Kampong Trail         | Visitor Centre |          |











- Buffer Parks localise and diversify park offerings, draw recreational users, and relieve stress on the nature reserves
- But require replanting to hasten succession





# Sungei Buloh Nature Park Network

Reserve + parks





# Labrador Nature Reserve

Labrador  
Nature Park

Labrador  
Nature  
Reserve



## Park Etiquette

On your journey of discovery, remember some simple tips to help make park visits

- Releasing of animals may cause more harm than good. They may not be able to adapt to the



LABRADOR  
PARK  
(CC27)







Labrador  
Nature  
Reserve

Labrador  
Nature Park



# What places are associated with these ecosystems?

1. Coastal forest
2. Coral reef
3. Mangroves and mudflats
4. Old secondary forest
5. Primary forest
6. Rocky shore
7. Waterways (urbanised freshwater rivers)



# What ecosystems are associated with these locations?

1. Bukit Timah Nature Reserve - primary and old secondary forests and forest streams
2. Central Catchment Nature Reserve - primary and old secondary forests and forest streams
3. Sungei Buloh Nature Park Network - mudflat, mangrove and freshwater marsh
4. Pasir Ris Nature Park - mudflat and mangrove
5. Labrador Nature Reserve - coastal hill forest & rocky shore (Berlayer Creek: mangrove forest)
6. Sisters Island Marine Park - coastal forest, rocky shore and coral reef
7. Singapore River, Kallang River and Marina Bay - waterways (urbanised freshwater river)

# Wild animals

- Butterfly
- Carpenter bee
- Common-palm civet
- Fiddler crab
- Kingfishers
- Long-tailed macaque
- Many-lined Sun Skink
- Monitor lizard
- Mudskipper
- Plantain Squirrel
- Red Jungle Fowl
- Tree-climbing crab
- Weaver ants
- White-breasted water hen

Waterways, gardens, forest edges



**White-throated Kingfisher**  
Photo credit: Dave Chua



**Collared Kingfisher**  
Photo credit: Tok Yin Xin



Waterways, gardens



White-breasted water hen  
Photo credit: Francis Yap

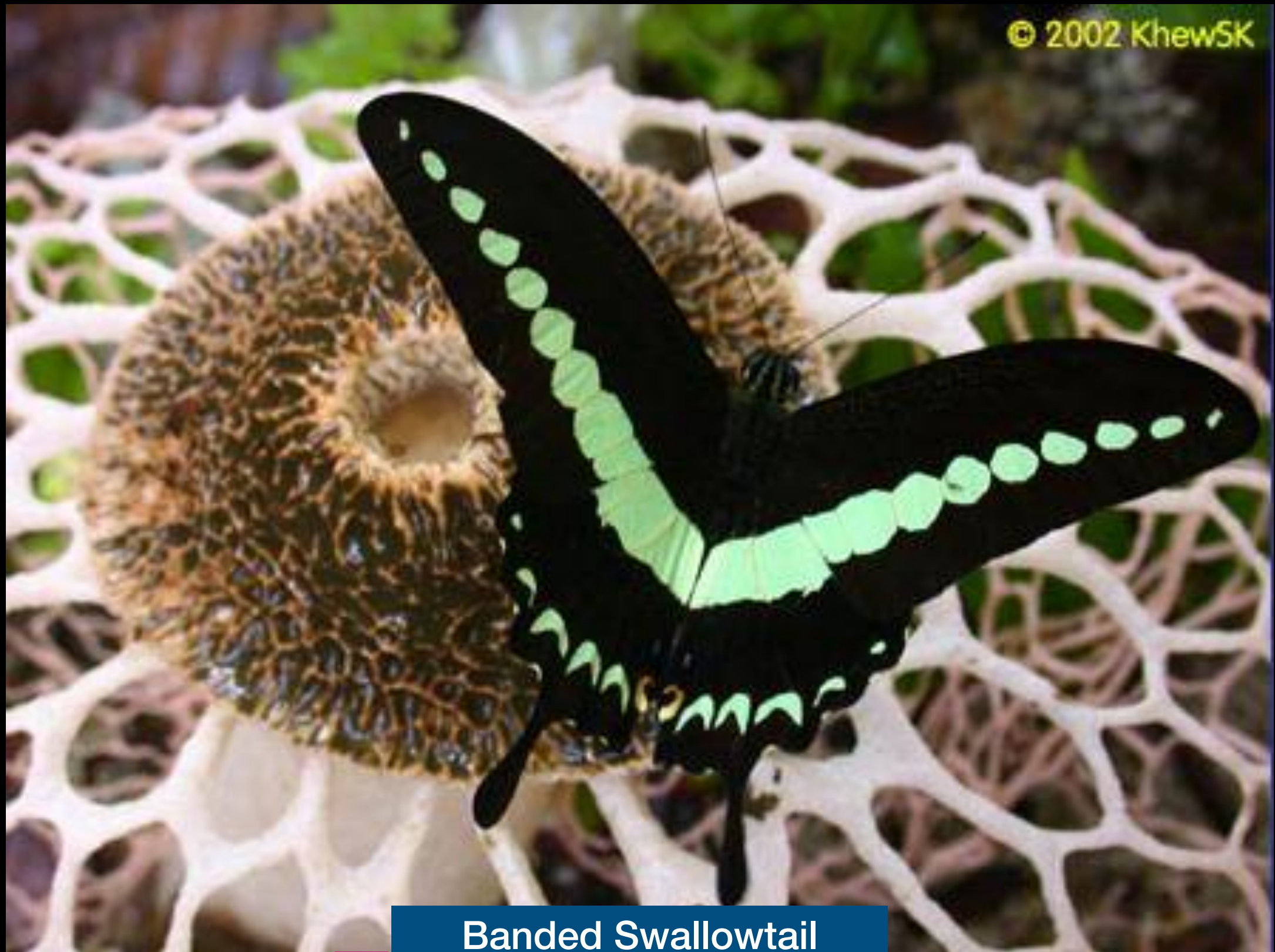


Gardens and forest edges



Red Jungle Fowl  
Photo credit: Alan Tan









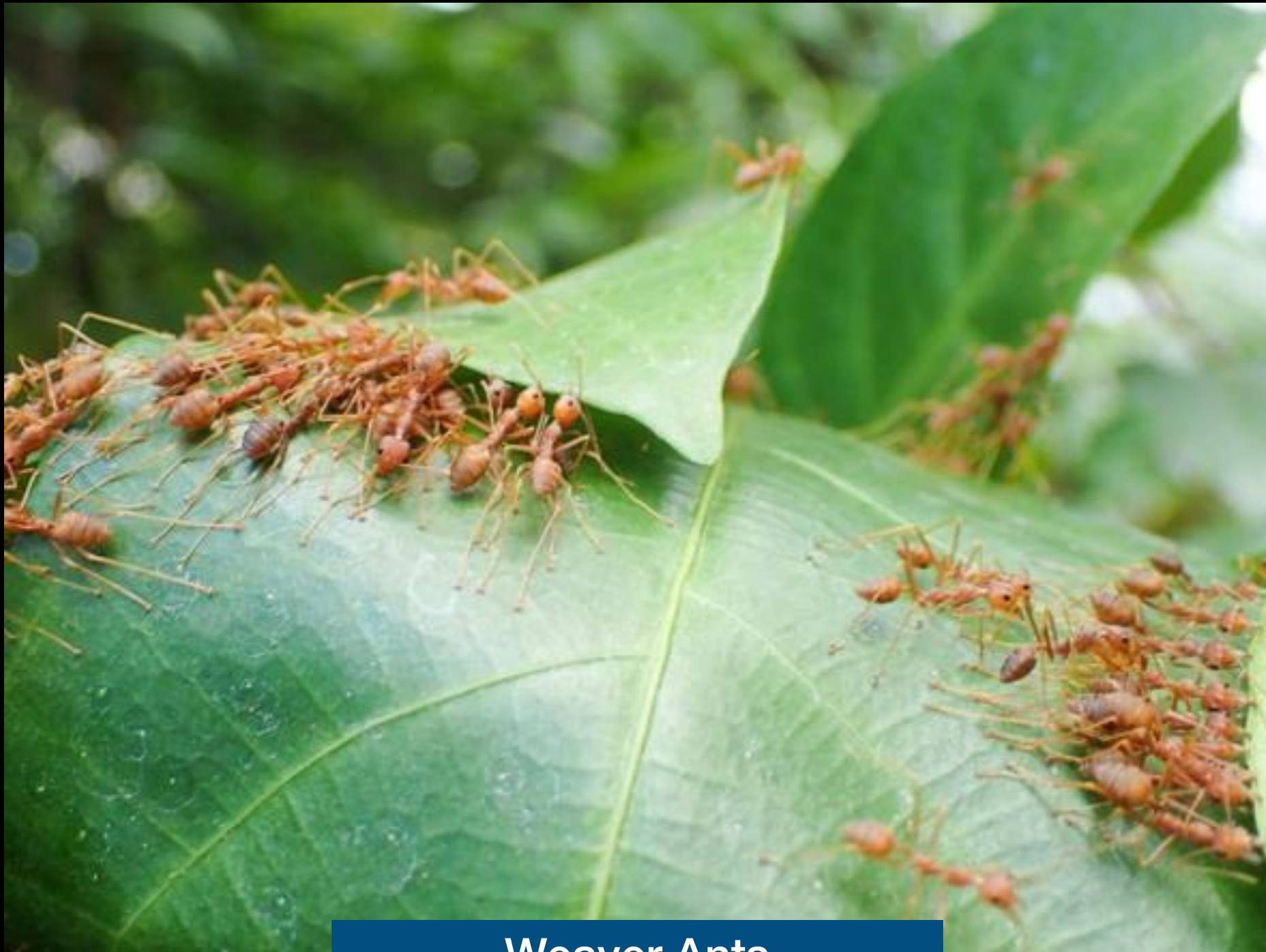
Yellow-and-black Carpenter Bee  
*Xylocopa flavonigrescens*  
Photo credit: John X. Q. Lee

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Sunda Blue-banded Digger Bee  
*Amegilla andrewsi*  
Photo credit: Zestin Soh (NParks)

Gardens, forests



**Weaver Ants**  
Photo credit: Jacob Tan Guanrui



Gardens, forests



Many-lined Sun Skink (*Eutropis multifasciata*)

Photo credit: Nick Baker



Gardens, forest edge



Plantain Squirrel (*Callosciurus notatus*)  
Photo credit: Nick Baker



Forest edges (terrestrial and arboreal)



Common (Sumatran) Palm Civet (*Paradoxurus musangus*)

Photo credit: Nick Baker



Forest edges (terrestrial and arboreal)



Long-tailed macaque (*Macaca fascicularis*)  
Photo credit: Amanda Tan; NParks



## Mangrove forests (nocturnal arborealists)



Tree-climbing crab  
*Episesarma* sp.  
Photo credit: Ria Tan



## Mangrove forests



Fiddler crabs  
*Uca vocans*  
Photo credit: Ria Tan



## Mangrove forests



Blue-spotted mudskipper  
*Boleophthalmus boddarti*  
Photo credit: Ria Tan

Mangrove forests, Gardens, Waterways



Monitor lizard  
Photo credit: Nick Baker