

‘Clues, scents and traces that shape the lagoon’

What’s in the box?



- How many different items could you recognize?
- Could you describe one of them?
- In your opinion is that a natural or a man-made object?
- Is that object related to any human activity? Which one?
- What do you think is it?

'The pond safari'



The lagoon animals and plants are adapted to help breathe, move, feed and evade enemies in their watery world.

Use pond nets to make clean, firm sweeps across the water (best catches are normally from the pond bottom or near vegetation).

Empty catches into clean water in plastic white-bottomed trays. Scoop up bottom mud with a sieve. Again, place catches in the water-filled tray.



Identify each catch by putting them into small vessels and using magnifying lenses, keys and field guides:



<p>Snails, fish, worms, molluscs: no legs. Amphibians: four legs. Insects: six legs. Arachnids: eight legs. Crustaceans: more than ten legs.</p>
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Record your pond dipping catch here
Use one sheet for each specimen you catch.

Species name:

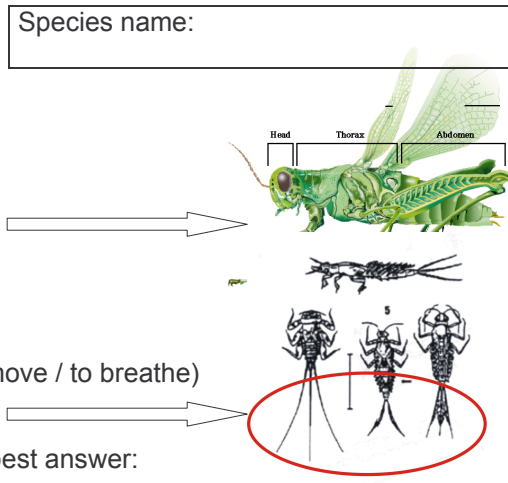
Apparently, is the body hard or soft?


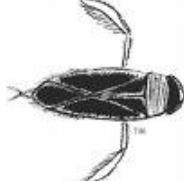





Does it have segments? If so, how many?

Any legs? How many?

How many tails/ feathery gills? (they help to move / to breathe)

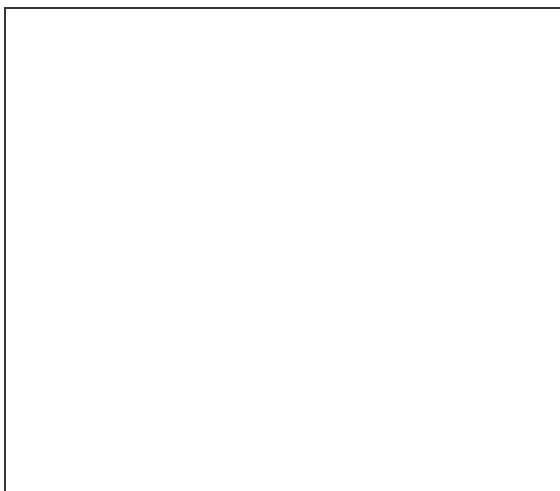
How does your specimen move? Tick off the best answer:



elongating- shortening the body	swimming under water	snaking	creeping on the ground
			
hopping	dragging oneself	crawling (snaking) on the ground	
			

What do you think the species feeds on?

Draw your specimen here, pay attention to any special feature:



Data: Time:

Weather:

Life zone:

- At the edge of the lagoon
- Swimming under water
- Between water plants
- On the water surface
- At the water bottom
- Under stones
- Hide in the mud

'Bird rest area control'

Predict which water bird species you will find according to the observed place (rice field or lagoon). After the observation, ask why species are different considering the water depth variable.



- **Record your bird information here**
(Use the table1 and use a sheet for each bird)

Species name

Size and shape

Beak (bill)

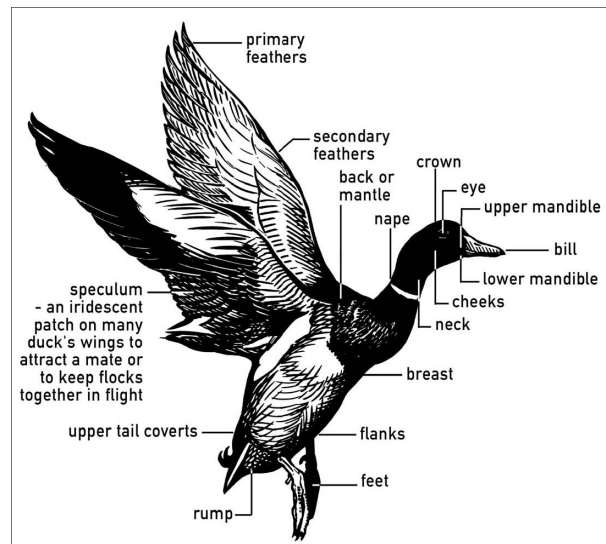
Legs

Feet

Wings

Tail

Neck



Is it a diver or a dabbler?

Colour and pattern

Overall

Special patterns

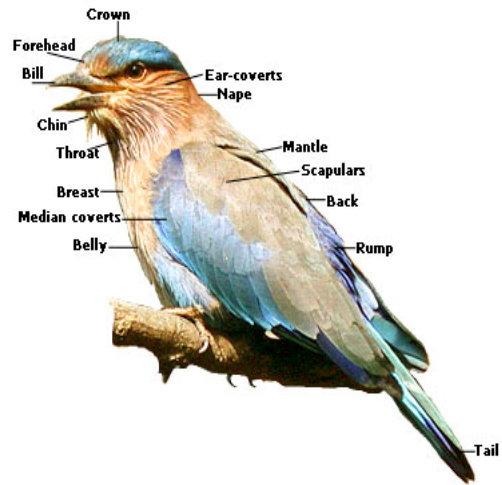
Legs and feet

Beak (bill)

Wings

Tail

Bird Topography 1



Different birds prefer different habitats

Habitat

Weather and light

Distance from you

Was the bird communicating any message?

- Courtship display (derived of everyday activities: drinking, preening, bathing...)
- Flocking (more eyes spot danger quicker and there's better chance of finding mates and food)
- Go away! (chasing off rivals / defending territories)
- Choose me! (breeding patterns of males attract females)
- Hide and seek (camouflage colours)

Date

Time

Place

Table 1.

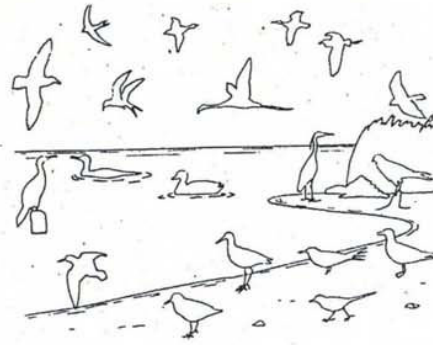
Size:

- As small as a sparrow
- Between a sparrow and a dove
- As a dove
- Between a dove and a hen
- Greater than a hen

Shape:

- Rounded
- Lengthened vertically
- Lengthened horizontally

Does it look like any of these shapes? Mark which one.



Legs:

- Very short
- Short
- Long
- Very long

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Wings:

- Long
- Short
- Wide
- Narrow
- Rounded
- Sharp
- Separated tops

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Tail:

- Long
- Short
- Wide
- Narrow
- Rounded
- Rectangular
- Open shape
- Pitchfork shape

- How is it flying?**
- Straight on
 - In a waved way
 - Fastly
 - Slowly
 - It flaps ever
 - It flaps now and then
 - It glides
 - It flaps and glides alternatively

How does it land?:

How is the beak?

<input type="checkbox"/> Long	
<input type="checkbox"/> Short	
<input type="checkbox"/> Thick	
<input type="checkbox"/> Thin	
<input type="checkbox"/> Straight	
<input type="checkbox"/> Crooked	
<input type="checkbox"/> Flattened	
<input type="checkbox"/> Conical	
<input type="checkbox"/> Hooked	

How is the neck and the feet?

<input type="checkbox"/> Very long	<input type="checkbox"/> Long	<input type="checkbox"/> Moderately long	<input type="checkbox"/> Short	<input type="checkbox"/> Head connected to the body
<input type="checkbox"/> Thin and long	<input type="checkbox"/> United by a web		<input type="checkbox"/> Strong and nails crooked	<input type="checkbox"/> Lobuled