

# Nature Notebook 2

FALL 2025



# *Correlophus ciliatus*



Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Chordata  
Subphylum: Vertebrata  
Class: Sauropsida  
Order: Squamata

This is my pet crested gecko, Simba!  
Simba is a deuterostome.





# *Quiscalus lugubris*

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Animalia

Phylum: Chordata

Subphylum: Vertebrata

Class: Sauropsida

Order: Aves

## *Quiscalus lugubris*

I saw this grackle when I was in Punta Cana in early November! Grackles are vertebrates, meaning they have a vertebral column.



# *Canis lupus familiaris*

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Chordata  
Subphylum: Vertebrata  
Class: Mammalia  
Order: Carnivora

This is my pet Yorkie, Bella!  
Yorkies are not sexually dimorphic,  
meaning males and females look exactly  
the same.







# *Passer domesticus*

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Chordata  
Subphylum: Vertebrata  
Class: Sauropsida  
Order: Aves

This is a sparrow I saw on my trip to Punta Cana! House sparrows are an invasive species to the Dominican Republic, meaning they are non-natives that reproduce at a rate which disrupts the native environment.



# *Hamadryas februa*

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Arthropoda  
Class: Hexapoda  
Order: Lepidoptera

This is a cracker butterfly, also found in Punta Cana. These animals are in the Phylum Arthropoda, meaning they have jointed appendages.



# *Pelecanus occidentalis*

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Animalia

Phylum: Chordata

Subphylum: Vertebrata

Class: Sauropsida

Order: Aves

This brown pelican is yet another animal I found while in the Dominican Republic. Brown pelicans are in the subphylum Vertebrata, meaning they have neural crest cells that migrate to parts of the body for specific functions.







# *Musca domestica*

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Animalia

Phylum: Arthropoda

Class: Hexapoda

Order: Diptera

This house fly landed on my tea at dinner. Houseflies are in the class Hexapoda, meaning they have a head, thorax, and abdomen.





# *Strongylura marina*

Domain: Eukarya

Supergroup: Opisthokonta

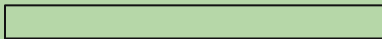
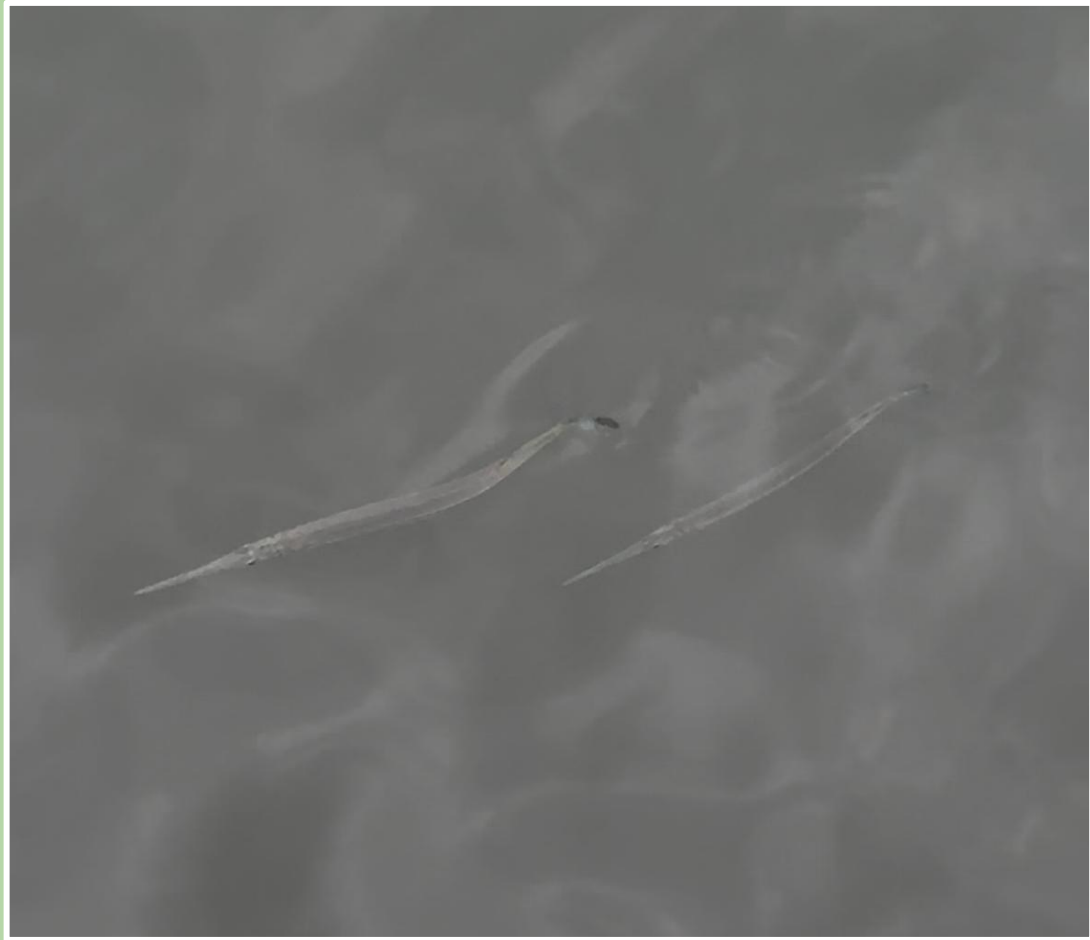
Kingdom: Animalia

Phylum: Chordata

Subphylum: Vertebrata

Class: Actinopterygii

I spotted these 2 needlefish off a dock in  
Punta Cana. Needlefish are bony fish  
that have evolved a swim bladder.

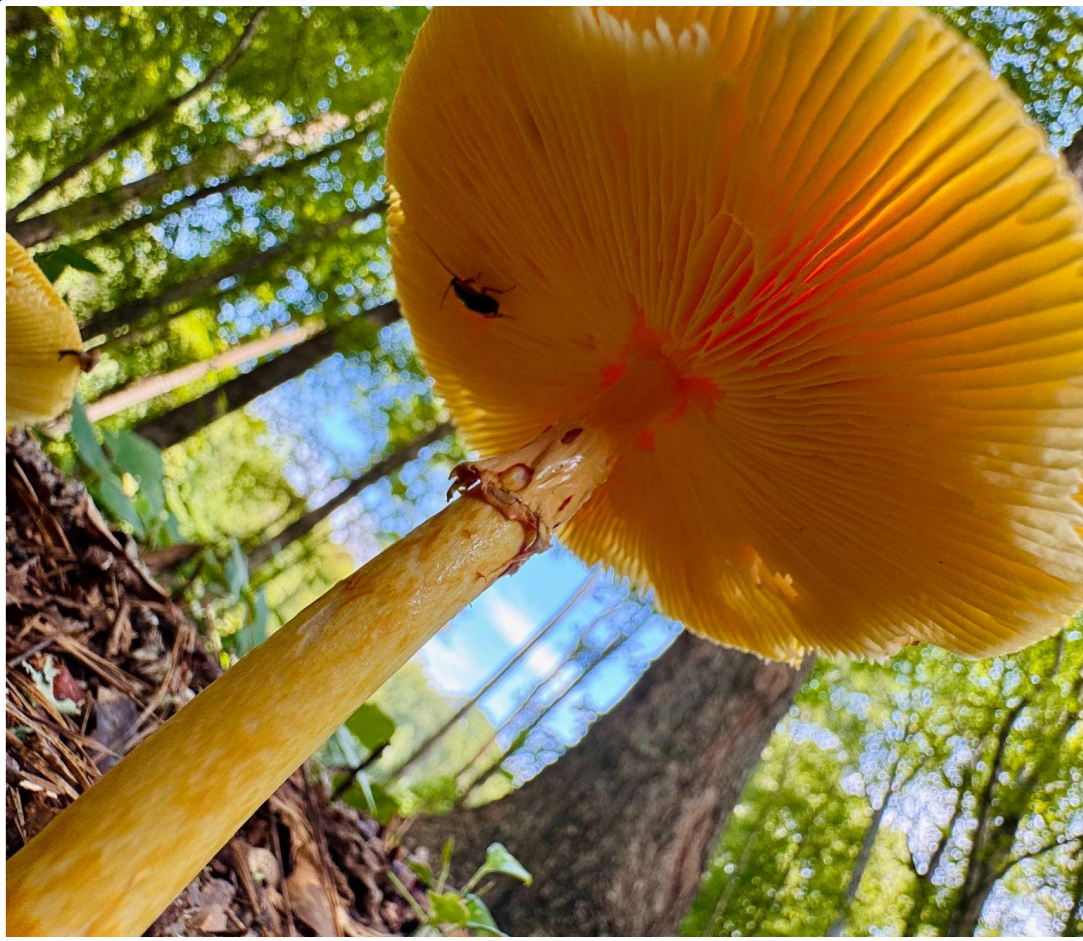


# *Anolis jubar*

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Chordata  
Subphylum: Vertebrata  
Class: Sauropsida  
Order: Squamata

This is a Cubitas Anole I found on my trip to Punta Cana. Anoles have thick skin and scales that make them water impermeable and keep their small bodies hydrated.





# Beetle

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Arthropoda  
Class: Hexapoda  
Order: Coleoptera

This beetle was found in my backyard on a mushroom! Beetles are the most abundant arthropod in the world; they have more species than any other animal.





# *Trametes versicolor*

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Fungi  
Phylum: Basidiomycota

This turkey tail fungus was found growing on a stump in my yard. They are given their names because the basidiocarp resembles the feather pattern of a turkey.







# Leiodontomiridae

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Animalia

Phylum: Arthropoda

Class: Hexapoda

Order: Chelicerata

This daddy longleg was found on my house. Although often thought, daddy longlegs are not spiders but belong to the same order.



# *Ganoderma sessile*

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Fungi  
Phylum: Basidiomycota

This fungi was found on another stump in my yard. It is in the phylum Basidiomycota, meaning it is a dikaryotic reproductive structure.





# Spider

I found this little spider chilling on a paper towel roll at work. Spiders belong to the class chelicerata, which is designated to arthropods with chelicera.

# Spider

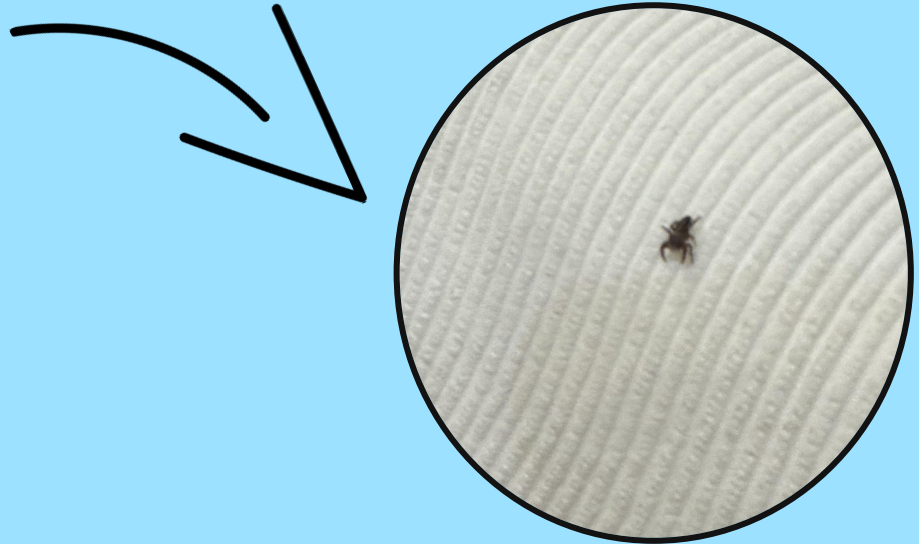
Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Animalia

Phylum: Arthropoda

Class: Chelicerata







# *Hyla cinerea*

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Chordata  
Subphylum: Vertebrata  
Class: Amphibia  
Order: Anura

This green tree frog was found in my greenhouse on one of my larger plants. These frogs can undergo cutaneous respiration, or breathing through the skin.







# *Equus asinus*

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Animalia

Phylum: Chordata

Subphylum: Vertebrata

Class: Mammalia

Order: Perissodactyla

This is my friend's donkey, Tim! Tim is in the group Eutheria, meaning females form a placenta during embryonic development.



# *Gallus gallus domesticus*

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Chordata  
Subphylum: Vertebrata  
Class: Sauropsida  
Order: Aves

## *Gallus gallus domesticus*

These are some of our chickens at home. Chickens, and birds in general, are the closest living relative to the order Crocodylia.



# *Anolis carolinensis*

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Chordata  
Subphylum: Vertebrata  
Class: Sauropsida  
Order: Squamata

This green anole was found hiding in my outdoor greenhouse. This species is sexually dimorphic, with males having huge red throats that are displayed for mating.





# *Zophobas atratus*

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Animalia

Phylum: Arthropoda

Class: Hexapoda

Order: Coleoptera

These mealworms are food for my lizard!  
These are actually larval-form beetles  
that will undergo ecdysis and change to  
their adult form.





# *Blaptica dubia*

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Animalia

Phylum: Arthropoda

Class: Hexapoda

Order: Blattodea

These dubia roaches are also food for my lizard. They have three segments in their thorax.





# *Lentinus arcularius*

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Fungi

Phylum: Basidiomycota

This is another mushroom found on a stump in my yard. These basidiocarps have cell walls filled with chitin.



# *Eurema*

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Animalia

Phylum: Arthropoda

Class: Hexapoda

Order: Lepidoptera

This moth was found in my yard. Moths, and other members of arthropoda, are economically important pollinators.







# *Ganoderma curtisii*

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Fungi

Phylum: Basidiomycota

This fungi was found on a stump in my yard. This fungi had a large veil that is used to protect the gills.



# *Blastobasis lacticolella*

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Animalia

Phylum: Arthropoda

Class: Hexapoda

Order: Lepidoptera

This little moth was found in my yard.  
These moths are one of 160,000 species  
in the order Lepidoptera!





# *Burnsius oileus*

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Arthropoda  
Class: Hexapoda  
Order: Lepidoptera

This little butterfly was found in my yard.  
This species, along with over a million  
others, belongs to the phylum Arthropoda.







# *Coccinella septempunctata*

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Animalia

Phylum: Arthropoda

Class: Hexapoda

Order: Coleoptera

## *Coccinella septempunctata*

This ladybug was found on my shed.  
Ladybugs are one of the most common of the  
order Coleoptera, which includes beetles.



# *Monomorium minimum*

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Arthropoda  
Class: Hexapoda  
Order: Hymenoptera

These little ants were found in my yard.  
They belong to the order hymenoptera,  
which they share with wasps.



# *Microcentrum retinerve*

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Arthropoda  
Class: Hexapoda  
Order: Orthoptera

I saved this leaf bug from drowning in our pool. These insects have coevolved closely with the plants around them to match their shape and color for camouflage.







# Spider

I found this spider at the lake hiding in mussel shells! These animals have a liquid called hemolymph that acts as blood.



# Spider

Domain: Eukarya

Supergroup: Opisthokonta

Kingdom: Animalia

Phylum: Arthropoda

Class: Chelicerata



# Spider

Domain: Eukarya  
Supergroup: Opisthokonta  
Kingdom: Animalia  
Phylum: Arthropoda  
Class: Chelicerata

This spider was found on the ceiling of my friend's house. This animal belongs to the class chelicerata, which also includes scorpions, ticks, and horseshoe crabs.

