



		DIET					HABITAT					COUNTRY					WEIGHT				
		Carnivore	Herbivore	Omnivore	Insectivore	Piscivore	Tundra	Jungle	Desert	Savannah	Ocean	Brazil	India	Australia	Kenya	South Africa	10kg	20kg	30kg	40kg	50kg
ZOOLOGIST	Dr. Aris																				
	Dr. Breen																				
	Dr. Cale																				
	Dr. Dane																				
	Dr. Enos																				
DIET	Carnivore																				
	Herbivore																				
	Omnivore																				
	Insectivore																				
	Piscivore																				
HABITAT	Tundra																				
	Jungle																				
	Desert																				
	Savannah																				
	Ocean																				
COUNTRY	Brazil																				
	India																				
	Australia																				
	Kenya																				
	South Africa																				

Zoologist	Diet	Habitat	Country	Weight
Dr. Aris				
Dr. Breen				
Dr. Cale				
Dr. Dane				
Dr. Enos				

The Rare Exhibit Gala

Five distinct zoologists (Dr. Aris, Dr. Breen, Dr. Cale, Dr. Dane, Dr. Enos) are presenting their signature animals at a grand gala. You must determine each animal's diet, their specialized habitat, the country they were rescued from, and their weight class.

Clues

1. The specialist from Brazil manages the Tundra habitat.
2. Dr. Dane's exhibit weighs exactly 10kg more than the specialist who handles the Carnivore diet.
3. The animal from Australia is either the 40kg specimen or the one in the Desert habitat.
4. Dr. Aris is not the Brazilian specialist and does not manage the 50kg animal.
5. The Herbivore is housed in the Jungle and weighs 20kg more than the animal from India.
6. Dr. Cale's animal is 10kg lighter than the one from South Africa but heavier than the Insectivore.
7. Dr. Enos manages the 20kg exhibit, which is not the Kenyan rescue.
8. The Omnivore is from Kenya and is not the 30kg animal.

		SPECIES					ID					CYCLE					HEART RATE				
		Lynx	Eagle	Rhino	Shark	Whale	101	102	103	104	105	Diurnal	Nocturnal	Crepuscular	Matutinal	Cathemeral	30 bpm	45 bpm	60 bpm	75 bpm	90 bpm
RANGER	Frank																				
	Gina																				
	Hank																				
	Iris																				
	Jack																				
SPECIES	Lynx																				
	Eagle																				
	Rhino																				
	Shark																				
	Whale																				
ID	101																				
	102																				
	103																				
	104																				
	105																				
CYCLE	Diurnal																				
	Nocturnal																				
	Crepuscular																				
	Matutinal																				
	Cathemeral																				

Ranger	Species	ID	Cycle	Heart Rate
Frank				
Gina				
Hank				
Iris				
Jack				

Sanctuary Logistics

Five rangers (Frank, Gina, Hank, Iris, Jack) are tracking five unique species (Lynx, Eagle, Rhino, Shark, Whale). Each species has a tracking ID, a primary sleep cycle, and an average heart rate.

Clues

1. The Lynx (ID 101) is not the species tracked by Jack or Gina.
2. The Eagle's heart rate is 15 bpm higher than the species tracked by Frank.
3. The Whale is either the Nocturnal animal or the one with 45 bpm.
4. The 60 bpm species has ID 104 and is tracked by Iris.
5. The animal with ID 102 is Diurnal and is not the Rhino.
6. The Shark's ID is exactly 2 units higher than the Crepuscular species' ID.
7. Hank's animal has a slower heart rate than the Eagle but faster than the Lynx.
8. The species with 75 bpm is the Diurnal animal tracked by Gina.

		PLUMAGE					ALTITUDE					SPAN					DISTANCE				
		Blue	Red	Green	White	Yellow	100m	200m	300m	400m	500m	80cm	90cm	100cm	110cm	120cm	500km	1500km	2500km	3500km	4500km
BIRD	Falcon																				
	Heron																				
	Ibis																				
	Jay																				
	Kingfisher																				
PLUMAGE	Blue																				
	Red																				
	Green																				
	White																				
	Yellow																				
ALTITUDE	100m																				
	200m																				
	300m																				
	400m																				
	500m																				
SPAN	80cm																				
	90cm																				
	100cm																				
	110cm																				
	120cm																				

Bird	Plumage	Altitude	Span	Distance
Falcon				
Heron				
Ibis				
Jay				
Kingfisher				

Avian Migration Study

Five bird species (Falcon, Heron, Ibis, Jay, Kingfisher) are being studied by research teams. Each bird has a wing span, a nesting altitude, a primary plumage color, and a migration distance.

Clues

1. The bird nesting at 500m has a wing span 10cm shorter than the Falcon.
2. The Jay migrates 1000km further than the Blue-plumaged bird.
3. The Ibis is either the bird with the 120cm span or the one nesting at 200m.
4. The bird with the 1500km migration distance is the Kingfisher, which has Green plumage.
5. The species with the 80cm wing span nests at an altitude 300m higher than the Heron.
6. The Red-plumaged bird nests 100m lower than the species with the 3500km migration distance.
7. The Falcon's plumage is not Yellow or White.
8. The White-plumaged bird has a 4500km migration but does not nest at 400m.

		TANK					FISH COUNT					TEMP					PH																													
		Reef	Kelp	Abyss	Lagoon	Cave	10	20	30	40	50	18C	20C	22C	24C	26C	7.6	7.8	8.0	8.2	8.4																									
DIVER	Leo																																													
	Mia																																													
	Noah																																													
	Olga																																													
	Paul																																													
TANK	Reef																																													
	Kelp																																													
	Abyss																																													
	Lagoon																																													
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FISH COUNT	10																																													
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TEMP	18C																																													
	20C																																													
	22C																																													
	24C																																													
	26C																																													

Diver	Tank	Fish Count	Temp	pH
Leo				
Mia				
Noah				
Olga				
Paul				

Aquarium Maintenance

Five divers (Leo, Mia, Noah, Olga, Paul) are cleaning five large tanks (Reef, Kelp, Abyss, Lagoon, Cave). Each tank contains a specific number of fish, a water temperature, and a pH level.

Clues

1. Noah is cleaning a tank that is 2 degrees warmer than the Lagoon tank.
2. The tank with a pH of 8.2 has 10 more fish than the Reef tank.
3. The Cave tank is cleaned by Paul and is not the one with 50 fish.
4. Leo's tank has a pH of 7.8 and is not the 20-degree tank.
5. The Abyss tank has a pH exactly 0.2 higher than the tank with 30 fish.
6. The 24-degree tank has 40 fish and is not the Kelp tank.
7. Olga's tank has the lowest temperature and a pH of 8.4.
8. The tank with 20 fish is cleaned by Mia and is not the Reef tank.

		ANIMAL					LENS					SPEED					APERTURE																			
		Wolf	Bear	Deer	Fox	Owl	35mm	85mm	200mm	400mm	500mm	1/250s	1/500s	1/1000s	1/2000s	1/4000s	f/2.8	f/4	f/5.6	f/8	f/11															
PHOTOGRAPHER	Quinn																																			
	Rose																																			
	Sam																																			
	Tess																																			
	Uma																																			
ANIMAL	Wolf																																			
	Bear																																			
	Deer																																			
	Fox																																			
	Owl																																			
LENS	35mm																																			
	85mm																																			
	200mm																																			
	400mm																																			
	500mm																																			
SPEED	1/250s																																			
	1/500s																																			
	1/1000s																																			
	1/2000s																																			
	1/4000s																																			

Photographer	Animal	Lens	Speed	Aperture
Quinn				
Rose				
Sam				
Tess				
Uma				

Wildlife Photography

Five photographers (Quinn, Rose, Sam, Tess, Uma) took award-winning shots of animals (Wolf, Bear, Deer, Fox, Owl). Each used a different lens, shutter speed, and aperture setting.

Clues

1. The photo of the Deer used a shutter speed twice as fast as the one taken with the 200mm lens.
2. Tess used a 500mm lens and an f/4 aperture, but didn't photograph the Wolf.
3. The Bear was photographed at 1/1000s, which is faster than Rose's shutter speed.
4. The 85mm lens was used for the Fox at an aperture 2 stops wider than the f/11 shot.
5. Sam's photo was taken with a 35mm lens and had a slower shutter speed than the Owl photo.
6. The f/2.8 shot was of the Wolf, which wasn't taken by Quinn or Uma.
7. The photographer with the 1/250s speed used an f/5.6 aperture and isn't Sam.
8. The 1/4000s shot used a 400mm lens but wasn't of the Owl.

The Rare Exhibit Gala

Zoologist	Diet	Habitat	Country	Weight
Dr. Aris	Omnivore	Savannah	Kenya	40kg
Dr. Breen	Piscivore	Tundra	Brazil	30kg
Dr. Cale	Carnivore	Ocean	India	20kg
Dr. Dane	Herbivore	Jungle	South Africa	30kg
Dr. Enos	Insectivore	Desert	Australia	10kg

Sanctuary Logistics

Ranger	Species	ID	Cycle	Heart Rate
Frank	Rhino	103	Crepuscular	30 bpm
Gina	Shark	105	Diurnal	75 bpm
Hank	Whale	101	Cathemeral	45 bpm
Iris	Eagle	104	Nocturnal	60 bpm
Jack	Lynx	102	Matutinal	90 bpm

Avian Migration Study

Bird	Plumage	Altitude	Span	Distance
Falcon	Red	300m	100cm	2500km
Heron	Blue	200m	120cm	500km
Ibis	White	100m	110cm	4500km
Jay	Yellow	500m	90cm	1500km
Kingfisher	Green	400m	80cm	3500km

Aquarium Maintenance

Diver	Tank	Fish Count	Temp	pH
Leo	Lagoon	30	22C	7.8
Mia	Kelp	20	20C	7.6
Noah	Abyss	40	24C	8.0
Olga	Reef	10	18C	8.4
Paul	Cave	50	26C	8.2

Wildlife Photography

Photographer	Animal	Lens	Speed	Aperture
Quinn	Deer	400mm	1/4000s	f/8
Rose	Fox	85mm	1/500s	f/5.6
Sam	Wolf	35mm	1/250s	f/2.8
Tess	Bear	500mm	1/1000s	f/4
Uma	Owl	200mm	1/2000s	f/11