

Community Interactions		Brain (cont)		Biological Classification	
<i>Ecological Niche</i>	role and position a species has in its environment	Right Hemisphere	Holistic Functioning: processing multi-sensory input simultaneously to provide "holistic" picture of one's environment. Visual spatial skills. Holistic functions such as dancing and gymnastics are coordinated by the right hemisphere. Memory is stored in auditory, visual and spatial modalities.	<i>Taxonomy</i>	the practise of identifying differer
Commensalism	One is member of the association benefits, the other is neither helped or harmed.	Amygdala	Neural centers in the limbic system linked to emotion	<i>Animalia</i>	A kingdom which includes hetero
Competition	Occurs when organisms of the same or different species attempt to use an ecological resource at the same place and time	Cerebellum	Coordinates voluntary movement and balance	<i>Binomial Nomenclature</i>	A standard way to refer to the sci
Mutualism	Both species benefit from the relationship.	Corpus Collosum	communication between the two hemispheres	<i>Phylogeny</i>	the process of classifying and org
Parasitism	One organism lives on or inside another organism and harms it.	Hippocampus	A structure in the limbic system linked to memory	<i>Kingdom</i>	The highest level of classification
Predation	An interaction in which one organism captures and feeds on another organism.	Medulla	Controls heartbeat and breathing	<i>Phylum</i>	The next level of classification w
Symbiosis	Any relationship in which two species live close together.	Pons	relays information between the cerebrum and the cerebellum, controls arousal and regulates respiration	<i>Class</i>	A group of Orders which share a
Brain		Ocean Life Forms			
Left Hemisphere	Sequential Analysis: systematic, logical interpretation of information. Interpretation and production of symbolic information:language, mathematics, abstraction and reasoning. Memory stored in a language format.	Plankton	Organisms that float or drift on the water surface	Nekton	Organisms that swim
		Benthos	Organisms on the seabed		



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Biological Classification (cont)		Organ Systems of Human Body (cont)		Scientific Names	
Family	It comprises of a number of genus which share some similarity among themselves	Respiratory System	delivery of air to sites where gas exchange can occur between the air and circulating blood	Banana	<i>Musa Squamosa</i>
Genus/ Genera	It composes of multiple species which have similar characteristics but different from that of species from other genus	Digestive System	processing of food and absorption of organic nutrients, minerals, vitamins, and water	Philippine Eagle	<i>Pithecophaga Jefferyi</i>
Species	It is the lowest level of classification and shows the high level of similarities among the organisms	Endocrine System	directing long-term changes in the activities of other organs	Rice	<i>Oryza Sativa</i>
Tropism		Reproductive System	production of sex cells and hormones	Sampaguita	<i>Jasminum Sambac</i>
Tropism	slow and permanent reaction by plants	Skeletal System	Support, protection of soft tissue, mineral storage, blood formation	Bangus	<i>Chanos Chanos</i>
Phototropism	Reaction to light	Lymphatic (immune) System	defense against infection and disease	Mango	<i>Mangifera Indica</i>
Geotropism	Reaction to gravity	Integumentary (skin) System	Protection from environmental hazards, temperature control	Philippine Macaque	<i>Macaca Fascicularis</i>
Thigmotropism	Reaction to light	Nervous System	directing immediate responses to stimuli, usually by coordinating the activities of other organ systems	Carabao	<i>Bubalus Bubalis</i>
<i>Positive tropism</i>	towards the stimulus	Circulatory System	internal transport of cells and dissolved materials, including nutrients, wastes, and gases	Maya	<i>Passer Montanus</i>
<i>Negative tropism</i>	away from the stimulus	Murders Inc		Abaca	<i>Musa Textilis</i>
Cell Theory				Tamaraw	<i>Bubalus MIndorensis</i>
Cell is the basic structural and functional unit of life				Chicken	<i>Gallus Gallus Domesticus</i>
All living things are made up of cells					
All cells come from pre existing cells					
Organ Systems of Human Body					
Muscular System	locomotion, support, heat production				
Urinary System	elimination of excess water, salts, and waste productions, control of PH				



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