

**Directorate for Biological Sciences
Division of Integrative Organismal Sys
Animal Behavior**

Proposal Classification Worksheet

In each category, please choose the most specific descriptors.

CATEGORY I: INVESTIGATOR STATUS (Select ONE)
<input type="checkbox"/> Beginning Investigator - No previous Federal support as PI or Co-PI, excluding fellowships, dissertations, planning grants, etc. <input type="checkbox"/> Prior Federal support only <input type="checkbox"/> Current Federal support only <input type="checkbox"/> Current & prior Federal support

CATEGORY II: FIELDS OF SCIENCE OTHER THAN BIOLOGY INVOLVED IN THIS RESEARCH (Select 1 to 3)		
<input type="checkbox"/> Astronomy <input type="checkbox"/> Chemistry <input type="checkbox"/> Computer Science <input type="checkbox"/> Earth Science	<input type="checkbox"/> Engineering <input type="checkbox"/> Mathematics <input type="checkbox"/> Physics	<input type="checkbox"/> Psychology <input type="checkbox"/> Social Sciences <input type="checkbox"/> None of the Above

CATEGORY III: SUBSTANTIVE AREA (Select 1 to 4)		
<input type="checkbox"/> BEHAVIORAL STUDIES <input type="checkbox"/> BIOENGINEERING <input type="checkbox"/> BIOGEOGRAPHY <input type="checkbox"/> Island Biogeography <input type="checkbox"/> Historical/ Evolutionary Biogeography <input type="checkbox"/> Phylogeography <input type="checkbox"/> Methods/Theory <input type="checkbox"/> BIOMATERIALS <input type="checkbox"/> BIOTECHNOLOGY <input type="checkbox"/> Animal Biotechnology <input type="checkbox"/> Plant Biotechnology <input type="checkbox"/> Environmental Biotechnology <input type="checkbox"/> Marine Biotechnology <input type="checkbox"/> Metabolic Engineering <input type="checkbox"/> CHRONOBIOLOGY <input type="checkbox"/> COGNITIVE NEUROSCIENCE <input type="checkbox"/> COMMUNITY ECOLOGY <input type="checkbox"/> Community Analysis <input type="checkbox"/> Community Structure <input type="checkbox"/> Community Stability <input type="checkbox"/> Succession <input type="checkbox"/> Experimental Microcosms/ Mesocosms <input type="checkbox"/> Disturbance <input type="checkbox"/> Deforestation <input type="checkbox"/> Patch Dynamics	<input type="checkbox"/> Food Webs/ Trophic Structure <input type="checkbox"/> Keystone Species <input type="checkbox"/> COMPARATIVE APPROACHES <input type="checkbox"/> COMPUTATIONAL BIOLOGY <input type="checkbox"/> CONSERVATION & RESTORATION BIOLOGY <input type="checkbox"/> CORAL REEFS <input type="checkbox"/> CURATION <input type="checkbox"/> DATABASES <input type="checkbox"/> DEVELOPMENTAL BIOLOGY <input type="checkbox"/> ECOSYSTEMS LEVEL <input type="checkbox"/> Physical Structure <input type="checkbox"/> Decomposition <input type="checkbox"/> Biogeochemistry <input type="checkbox"/> Limnology/Hydrology <input type="checkbox"/> Climate/Microclimate <input type="checkbox"/> Whole-System Analysis <input type="checkbox"/> Productivity/Biomass <input type="checkbox"/> System Energetics <input type="checkbox"/> Landscape Dynamics <input type="checkbox"/> Chemical & Biochemical Control <input type="checkbox"/> Global Change <input type="checkbox"/> Climate Change <input type="checkbox"/> Regional Studies <input type="checkbox"/> Global Studies <input type="checkbox"/> Forestry	<input type="checkbox"/> Resource Management (Wildlife, Fisheries, Range, Other) <input type="checkbox"/> Agricultural Ecology <input type="checkbox"/> ENDOCRINE DISRUPTORS/ ENVIRONMENTAL ENDOCRINOLOGY <input type="checkbox"/> EPIGENETICS <input type="checkbox"/> EXTREMOPHILES <input type="checkbox"/> GENOMICS (Genome sequence, organization, function) <input type="checkbox"/> Viral <input type="checkbox"/> Microbial <input type="checkbox"/> Fungal <input type="checkbox"/> Plant <input type="checkbox"/> Animal <input type="checkbox"/> HUMAN NUTRITION <input type="checkbox"/> INFORMATICS <input type="checkbox"/> MARINE MAMMALS <input type="checkbox"/> MOLECULAR APPROACHES <input type="checkbox"/> Molecular Evolution <input type="checkbox"/> NANOSCIENCE <input type="checkbox"/> ORGANISMAL SYSTEMS <input type="checkbox"/> Physiological Approaches <input type="checkbox"/> Metabolic Processes <input type="checkbox"/> Hormonal Regulation/ Integration <input type="checkbox"/> Stress Responses <input type="checkbox"/> Sensory Biology <input type="checkbox"/> Movement Studies

<input type="checkbox"/> PALEONTOLOGY <input type="checkbox"/> Floristic <input type="checkbox"/> Faunistic <input type="checkbox"/> Paleoecology <input type="checkbox"/> Biostratigraphy <input type="checkbox"/> Palynology <input type="checkbox"/> Micropaleontology <input type="checkbox"/> Paleoclimatology <input type="checkbox"/> Archeozoic <input type="checkbox"/> Paleozoic <input type="checkbox"/> Mesozoic <input type="checkbox"/> Cenozoic <input type="checkbox"/> PHOTOSYNTHESIS <input type="checkbox"/> PLANT BIOLOGY <input type="checkbox"/> Arabidopsis-Related Plant Research <input type="checkbox"/> POPULATION DYNAMICS & LIFE HISTORY <input type="checkbox"/> Demography/ Life History <input type="checkbox"/> Population Cycles <input type="checkbox"/> Distribution/Patchiness/ Marginal Populations <input type="checkbox"/> Population Regulation <input type="checkbox"/> Intraspecific Competition <input type="checkbox"/> Reproductive Strategies <input type="checkbox"/> Gender Allocation <input type="checkbox"/> Metapopulations <input type="checkbox"/> Extinction	<input type="checkbox"/> POPULATION GENETICS & BREEDING SYSTEMS <input type="checkbox"/> Variation <input type="checkbox"/> Microevolution <input type="checkbox"/> Speciation <input type="checkbox"/> Hybridization <input type="checkbox"/> Inbreeding/Outbreeding <input type="checkbox"/> Gene Flow Measurement <input type="checkbox"/> Inheritance/Heritability <input type="checkbox"/> Quantitative Genetics/ QTL Analysis <input type="checkbox"/> Ecological Genetics <input type="checkbox"/> Gender Ratios <input type="checkbox"/> Apomixis/ Parthenogenesis <input type="checkbox"/> Vegetative Reproduction <input type="checkbox"/> REPRODUCTIVE ANIMAL BIOLOGY <input type="checkbox"/> SPECIES INTERACTIONS <input type="checkbox"/> Predation <input type="checkbox"/> Herbivory <input type="checkbox"/> Omnivory <input type="checkbox"/> Interspecific Competition <input type="checkbox"/> Niche Relationships/ Resource Partitioning <input type="checkbox"/> Pollination/ Seed Dispersal <input type="checkbox"/> Parasitism <input type="checkbox"/> Mutualism/ Commensalism <input type="checkbox"/> Plant/Fungal/ Microbial Interactions <input type="checkbox"/> Mimicry	<input type="checkbox"/> Animal Pathology <input type="checkbox"/> Plant Pathology <input type="checkbox"/> Coevolution <input type="checkbox"/> Biological Control <input type="checkbox"/> SPINAL CORD/ NERVE REGENERATION <input type="checkbox"/> STATISTICS & MODELING <input type="checkbox"/> Methods/ Instrumentation/ Software <input type="checkbox"/> Modeling (general) <input type="checkbox"/> Modeling of Biological or Molecular Systems <input type="checkbox"/> Computational Modeling <input type="checkbox"/> Statistics (general) <input type="checkbox"/> Multivariate Methods <input type="checkbox"/> Spatial Statistics & Spatial Modeling <input type="checkbox"/> Sampling Design & Analysis <input type="checkbox"/> Experimental Design & Analysis <input type="checkbox"/> STRUCTURAL BIOLOGY <input type="checkbox"/> SYSTEMATICS <input type="checkbox"/> Taxonomy/Classification <input type="checkbox"/> Nomenclature <input type="checkbox"/> Monograph/Revision <input type="checkbox"/> Phylogenetics <input type="checkbox"/> Phenetics/Cladistics/ Numerical Taxonomy <input type="checkbox"/> Macroevolution <input type="checkbox"/> NONE OF THE ABOVE
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CATEGORY IV: INFRASTRUCTURE (Select 1 to 3)

<input type="checkbox"/> COLLECTIONS/STOCK CULTURES <input type="checkbox"/> Collection Enhancement <input type="checkbox"/> Collection Refurbishment <input type="checkbox"/> Living Organism Stock Cultures <input type="checkbox"/> Natural History Collections <input type="checkbox"/> DATABASES <input type="checkbox"/> Database Initiation <input type="checkbox"/> Database Enhancement <input type="checkbox"/> Database Maintenance & Curation <input type="checkbox"/> Database Methods <input type="checkbox"/> FACILITIES <input type="checkbox"/> Controlled Environment Facilities	<input type="checkbox"/> Field Stations <input type="checkbox"/> Field Facility Structure <input type="checkbox"/> Field Facility Equipment <input type="checkbox"/> LTER Site <input type="checkbox"/> GENOME SEQUENCING <input type="checkbox"/> Arabidopsis Genome Sequencing <input type="checkbox"/> Other Plant Genome Sequencing <input type="checkbox"/> INDUSTRY PARTICIPATION <input type="checkbox"/> INSTRUMENTATION <input type="checkbox"/> Instrument Development <input type="checkbox"/> Instrument Acquisition <input type="checkbox"/> Computational Hardware Development/Acquisition	<input type="checkbox"/> TOOLS DEVELOPMENT <input type="checkbox"/> Analytical Algorithm Development <input type="checkbox"/> Other Software Development <input type="checkbox"/> Informatics Tool Development <input type="checkbox"/> Technique Development <input type="checkbox"/> TRACKING SYSTEMS <input type="checkbox"/> Geographic Information Systems <input type="checkbox"/> Remote Sensing <input type="checkbox"/> TRAINING <input type="checkbox"/> Multi-, Cross-, Interdisciplinary Training <input type="checkbox"/> NONE OF THE ABOVE
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CATEGORY V: HABITAT (Select 1 to 2)

TERRESTRIAL HABITATS		
<input type="checkbox"/> GENERAL TERRESTRIAL <input type="checkbox"/> TUNDRA <input type="checkbox"/> BOREAL FOREST <input type="checkbox"/> TEMPERATE	<input type="checkbox"/> Deciduous Forest <input type="checkbox"/> Coniferous Forest <input type="checkbox"/> Rain Forest <input type="checkbox"/> Mixed Forest	<input type="checkbox"/> Prairie/Grasslands <input type="checkbox"/> Desert <input type="checkbox"/> SUBTROPICAL <input type="checkbox"/> Rain Forest

<input type="checkbox"/> Seasonal Forest <input type="checkbox"/> Savanna <input type="checkbox"/> Thornwoods <input type="checkbox"/> Deciduous Forest <input type="checkbox"/> Coniferous Forest <input type="checkbox"/> Desert <input type="checkbox"/> TROPICAL <input type="checkbox"/> Rain Forest <input type="checkbox"/> Seasonal Forest	<input type="checkbox"/> Savanna <input type="checkbox"/> Thornwoods <input type="checkbox"/> Deciduous Forest <input type="checkbox"/> Coniferous Forest <input type="checkbox"/> Desert <input type="checkbox"/> CHAPPARAL/ SCLEROPHYLL/ SHRUBLANDS <input type="checkbox"/> ALPINE <input type="checkbox"/> MONTANE <input type="checkbox"/> CLOUD FOREST	<input type="checkbox"/> RIPARIAN ZONES <input type="checkbox"/> ISLANDS (except Barrier Islands) <input type="checkbox"/> BEACHES/ DUNES/ SHORES/ BARRIER ISLANDS <input type="checkbox"/> CAVES/ ROCK OUTCROPS/ CLIFFS <input type="checkbox"/> CROPLANDS/ FALLOW FIELDS/ PASTURES <input type="checkbox"/> URBAN/SUBURBAN <input type="checkbox"/> SUBTERRANEAN/ SOIL/ SEDIMENTS <input type="checkbox"/> EXTREME TERRESTRIAL ENVIRONMENT <input type="checkbox"/> AERIAL
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AQUATIC HABITATS

<input type="checkbox"/> GENERAL AQUATIC <input type="checkbox"/> FRESHWATER <input type="checkbox"/> Wetlands/Bogs/Swamps <input type="checkbox"/> Lakes/Ponds <input type="checkbox"/> Rivers/Streams <input type="checkbox"/> Reservoirs <input type="checkbox"/> MARINE	<input type="checkbox"/> Open Ocean/Continental Shelf <input type="checkbox"/> Bathyal <input type="checkbox"/> Abyssal <input type="checkbox"/> Estuarine <input type="checkbox"/> Intertidal/Tidal/Coastal <input type="checkbox"/> Coral Reef <input type="checkbox"/> HYPERSALINE	<input type="checkbox"/> EXTREME AQUATIC ENVIRONMENT <input type="checkbox"/> CAVES/ ROCK OUTCROPS/ CLIFFS <input type="checkbox"/> MANGROVES <input type="checkbox"/> SUBSURFACE WATERS/ SPRINGS <input type="checkbox"/> EPHEMERAL POOLS & STREAMS <input type="checkbox"/> MICROPOOLS (Pitcher Plants, Tree Holes, Other)
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MAN-MADE ENVIRONMENTS

<input type="checkbox"/> CELL/TISSUE CULTURE (In Vitro) <input type="checkbox"/> In Silico	<input type="checkbox"/> THEORETICAL SYSTEMS	<input type="checkbox"/> OTHER ARTIFICIAL SYSTEMS
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NOT APPLICABLE

<input type="checkbox"/> NOT APPLICABLE	
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CATEGORY VI: GEOGRAPHIC AREA OF THE RESEARCH (Select 1 to 2)

<input type="checkbox"/> WORLDWIDE <input type="checkbox"/> NORTH AMERICA <input type="checkbox"/> United States <input type="checkbox"/> Northeast US (CT, MA, ME, NH, NJ, NY, PA, RI, VT) <input type="checkbox"/> Northcentral US (IA, IL, IN, MI, MN, ND, NE, OH, SD, WI) <input type="checkbox"/> Northwest US (ID, MT, OR, WA, WY) <input type="checkbox"/> Southeast US (DC, DE, FL, GA, MD, NC, SC, WV, VA) <input type="checkbox"/> Southcentral US (AL, AR, KS, KY, LA, MO, MS, OK, TN, TX) <input type="checkbox"/> Southwest US (AZ, CA, CO, NM, NV, UT) <input type="checkbox"/> Alaska <input type="checkbox"/> Hawaii <input type="checkbox"/> Puerto Rico <input type="checkbox"/> Canada <input type="checkbox"/> Mexico <input type="checkbox"/> CENTRAL AMERICA (Mainland) <input type="checkbox"/> Caribbean Islands <input type="checkbox"/> Bermuda/Bahamas <input type="checkbox"/> SOUTH AMERICA	<input type="checkbox"/> Eastern South America (Guyana, Fr. Guiana, Suriname, Brazil) <input type="checkbox"/> Northern South America (Colombia, Venezuela) <input type="checkbox"/> Southern South America (Chile, Argentina, Uruguay, Paraguay) <input type="checkbox"/> Western South America (Ecuador, Peru, Bolivia) <input type="checkbox"/> EUROPE <input type="checkbox"/> Eastern Europe <input type="checkbox"/> Russia <input type="checkbox"/> Scandinavia <input type="checkbox"/> Western Europe <input type="checkbox"/> ASIA <input type="checkbox"/> Central Asia <input type="checkbox"/> Far East <input type="checkbox"/> Middle East <input type="checkbox"/> Siberia <input type="checkbox"/> South Asia <input type="checkbox"/> Southeast Asia <input type="checkbox"/> AFRICA	<input type="checkbox"/> North Africa <input type="checkbox"/> African South of the Sahara <input type="checkbox"/> East Africa <input type="checkbox"/> Madagascar <input type="checkbox"/> South Africa <input type="checkbox"/> West Africa <input type="checkbox"/> AUSTRALASIA <input type="checkbox"/> Australia <input type="checkbox"/> New Zealand <input type="checkbox"/> Pacific Islands <input type="checkbox"/> ANTARCTICA <input type="checkbox"/> ARCTIC <input type="checkbox"/> ATLANTIC OCEAN <input type="checkbox"/> PACIFIC OCEAN <input type="checkbox"/> INDIAN OCEAN <input type="checkbox"/> OTHER REGIONS (Not defined) <input type="checkbox"/> NOT APPLICABLE
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CATEGORY VII: CLASSIFICATION OF ORGANISMS (Select 1 to 4)

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|--|---|--|
| <input type="checkbox"/> VIRUSES
<input type="checkbox"/> Bacterial
<input type="checkbox"/> Plant
<input type="checkbox"/> Animal
<input type="checkbox"/> PROKARYOTES
<input type="checkbox"/> Archaeobacteria
<input type="checkbox"/> Cyanobacteria
<input type="checkbox"/> Eubacteria
<input type="checkbox"/> PROTISTA (PROTOZOA)
<input type="checkbox"/> Amoebae
<input type="checkbox"/> Apicomplexa
<input type="checkbox"/> Ciliophora
<input type="checkbox"/> Flagellates
<input type="checkbox"/> Foraminifera
<input type="checkbox"/> Microspora
<input type="checkbox"/> Radiolaria
<input type="checkbox"/> FUNGI
<input type="checkbox"/> Ascomycota
<input type="checkbox"/> Basidiomycota
<input type="checkbox"/> Chytridiomycota
<input type="checkbox"/> Mitosporic Fungi
<input type="checkbox"/> Oomycota
<input type="checkbox"/> Yeasts
<input type="checkbox"/> Zygomycota
<input type="checkbox"/> LICHENS
<input type="checkbox"/> SLIME MOLDS
<input type="checkbox"/> ALGAE
<input type="checkbox"/> Bacillariophyta (Diatoms)
<input type="checkbox"/> Charophyta
<input type="checkbox"/> Chlorophyta
<input type="checkbox"/> Chrysophyta
<input type="checkbox"/> Dinoflagellata
<input type="checkbox"/> Euglenoids
<input type="checkbox"/> Phaeophyta
<input type="checkbox"/> Rhodophyta
<input type="checkbox"/> PLANTS
<input type="checkbox"/> NON-VASCULAR PLANTS
<input type="checkbox"/> BRYOPHYTA
<input type="checkbox"/> Anthocerotae (Hornworts)
<input type="checkbox"/> Hepaticae (Liverworts)
<input type="checkbox"/> Musci (Mosses)
<input type="checkbox"/> VASCULAR PLANTS
<input type="checkbox"/> FERNS & FERN ALLIES
<input type="checkbox"/> GYMNOSPERMS
<input type="checkbox"/> Coniferales (Conifers)
<input type="checkbox"/> Cycadales (Cycads)
<input type="checkbox"/> Ginkgoales (Ginkgo)
<input type="checkbox"/> Gnetales (Gnetophytes)
<input type="checkbox"/> ANGIOSPERMS
<input type="checkbox"/> Monocots
<input type="checkbox"/> Areaceae (Palmae) | <input type="checkbox"/> Cyperaceae
<input type="checkbox"/> Liliaceae
<input type="checkbox"/> Orchidaceae
<input type="checkbox"/> Poaceae (Graminae)
<input type="checkbox"/> Dicots
<input type="checkbox"/> Apiaceae (Umbelliferae)
<input type="checkbox"/> Asteraceae (Compositae)
<input type="checkbox"/> Brassicaceae (Cruciferae)
<input type="checkbox"/> Fabaceae (Leguminosae)
<input type="checkbox"/> Lamiaceae (Labiatae)
<input type="checkbox"/> Rosaceae
<input type="checkbox"/> Solanaceae
<input type="checkbox"/> ANIMALS
<input type="checkbox"/> INVERTEBRATES
<input type="checkbox"/> MESOZOA/PLACOZOA
<input type="checkbox"/> PORIFERA (Sponges)
<input type="checkbox"/> CNIDARIA
<input type="checkbox"/> Hydrozoa (Hydra, etc.)
<input type="checkbox"/> Scyphozoa (Jellyfish)
<input type="checkbox"/> Anthozoa (Corals, Sea Anemones)
<input type="checkbox"/> CTENOPHORA (Comb Jellies)
<input type="checkbox"/> PLATYHELMINTHES (Flatworms)
<input type="checkbox"/> Turbellaria (Planarians)
<input type="checkbox"/> Trematoda (Flukes)
<input type="checkbox"/> Cestoda (Tapeworms)
<input type="checkbox"/> Monogenea (Flukes)
<input type="checkbox"/> GNATHOSTOMULIDA
<input type="checkbox"/> NEMERTINEA (Rynchocoela) (Ribbon Worms)
<input type="checkbox"/> ENTOPROCTA (Bryozoa) (Plant-like Animals)
<input type="checkbox"/> ASCHELMINTHES
<input type="checkbox"/> Gastrotricha
<input type="checkbox"/> Kinorhyncha
<input type="checkbox"/> Loricifera
<input type="checkbox"/> Nematoda (Roundworms)
<input type="checkbox"/> Nematomorpha (Horsehair Worms)
<input type="checkbox"/> Rotifera (Rotatoria)
<input type="checkbox"/> ACANTHOCEPHALA (Spiny-headed Worms)
<input type="checkbox"/> PRIAPULOIDEA
<input type="checkbox"/> BRYOZOA (Ectoprocta) (Plant-like Animals)
<input type="checkbox"/> PHORONIDEA (Lophophorates)
<input type="checkbox"/> BRACHIOPODA (Lamp Shells)
<input type="checkbox"/> MOLLUSCA
<input type="checkbox"/> Monoplacophora
<input type="checkbox"/> Aplacophora (Solenogasters)
<input type="checkbox"/> Polyplacophora (Chitons)
<input type="checkbox"/> Scaphopoda (Tooth Shells)
<input type="checkbox"/> Gastropoda (Snails, Slugs, Limpets)
<input type="checkbox"/> Pelecypoda (Bivalvia) (Clams, Mussels, Oysters, Scallops)
<input type="checkbox"/> Cephalopoda (Squid, Octopus, Nautilus) | <input type="checkbox"/> ANNELIDA (Segmented Worms)
<input type="checkbox"/> Polychaeta (Parapodial Worms)
<input type="checkbox"/> Oligochaeta (Earthworms)
<input type="checkbox"/> Hirudinida (Leeches)
<input type="checkbox"/> POGONOPHORA (Beard Worms)
<input type="checkbox"/> SIPUNCULOIDEA (Peanut Worms)
<input type="checkbox"/> ECHIUROIDEA (Spoon Worms)
<input type="checkbox"/> ARTHROPODA
<input type="checkbox"/> Cheliceriformes
<input type="checkbox"/> Merostomata (Horseshoe Crabs)
<input type="checkbox"/> Pycnogonida (Sea Spiders)
<input type="checkbox"/> Scorpionida (Scorpions)
<input type="checkbox"/> Araneae (True Spiders)
<input type="checkbox"/> Pseudoscorpionida (Pseudoscorpions)
<input type="checkbox"/> Acarina (Free-living Mites)
<input type="checkbox"/> Parasitiformes (Parasitic Ticks & Mites)
<input type="checkbox"/> Crustacea
<input type="checkbox"/> Branchiopoda (Fairy Shrimp, Water Flea)
<input type="checkbox"/> Ostracoda (Sea Lice)
<input type="checkbox"/> Copepoda
<input type="checkbox"/> Cirripedia (Barnacles)
<input type="checkbox"/> Amphipoda (Skeleton Shrimp, Whale Lice, Freshwater Shrimp)
<input type="checkbox"/> Isopoda (Wood Lice, Pillbugs)
<input type="checkbox"/> Decapoda (Lobster, Crayfish, Crabs, Shrimp)
<input type="checkbox"/> Hexapoda (Insecta) (Insects)
<input type="checkbox"/> Apterygota (Springtails, Silverfish, etc.)
<input type="checkbox"/> Odonata (Dragonflies, Damselflies)
<input type="checkbox"/> Ephemeroptera (Mayflies)
<input type="checkbox"/> Orthoptera (Grasshoppers, Crickets)
<input type="checkbox"/> Dictyoptera (Cockroaches, Mantids, Phasmids)
<input type="checkbox"/> Isoptera (Termites)
<input type="checkbox"/> Plecoptera (Stoneflies)
<input type="checkbox"/> Phthiraptera (Mallophaga & Anoplura) (Lice)
<input type="checkbox"/> Hemiptera (including Heteroptera) (True Bugs)
<input type="checkbox"/> Homoptera (Cicadas, Scale Insects, Leafhoppers)
<input type="checkbox"/> Thysanoptera (Thrips)
<input type="checkbox"/> Neuroptera (Lacewings, Dobsonflies, Snakeflies)
<input type="checkbox"/> Trichoptera (Caddisflies)
<input type="checkbox"/> Lepidoptera (Moths, Butterflies)
<input type="checkbox"/> Diptera (Flies, Mosquitoes)
<input type="checkbox"/> Siphonaptera (Fleas)
<input type="checkbox"/> Coleoptera (Beetles)
<input type="checkbox"/> Hymenoptera (Ants, Bees, Wasps, Sawflies)
<input type="checkbox"/> Chilopoda (Centipedes)
<input type="checkbox"/> Diplopoda (Millipedes) |
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<input type="checkbox"/> Pauropoda	<input type="checkbox"/> REPTILIA	<input type="checkbox"/> Monotremata (Platypus, Echidna)
<input type="checkbox"/> Symphyta (Symphyla)	<input type="checkbox"/> Chelonia (Turtles, Tortoises)	<input type="checkbox"/> Marsupalia (Marsupials)
<input type="checkbox"/> PENTASTOMIDA (Linguatulida) (Tongue Worms)	<input type="checkbox"/> Serpentes (Snakes)	<input type="checkbox"/> Eutheria (Placentals)
<input type="checkbox"/> TARDIGRADA (Tardigrades, Water Bears)	<input type="checkbox"/> Sauria (Lizards)	<input type="checkbox"/> Insectivora (Hedgehogs, Moles, Shrews, Tenrec, etc.)
<input type="checkbox"/> ONYCHOPHORA (Peripatus)	<input type="checkbox"/> Crocodylia (Crocodilians)	<input type="checkbox"/> Chiroptera (Bats)
<input type="checkbox"/> CHAETOGNATHA (Arrow Worms)	<input type="checkbox"/> Rhyncocephalia (Tuatara)	<input type="checkbox"/> Edentata (Anteaters, Sloths, Armadillos)
<input type="checkbox"/> ECHINODERMATA	<input type="checkbox"/> AVES (Birds)	<input type="checkbox"/> Primates
<input type="checkbox"/> Crinoidea (Sea Lilies, Feather Stars)	<input type="checkbox"/> Paleognathae (Ratites)	<input type="checkbox"/> Monkeys
<input type="checkbox"/> Asteroidea (Starfish, Sea Stars)	<input type="checkbox"/> Sphenisciformes (Penguins)	<input type="checkbox"/> Apes (Gibbons, Orang-utan, Gorilla, Chimpanzee)
<input type="checkbox"/> Ophiuroidea (Brittle Stars, Serpent Stars)	<input type="checkbox"/> Procellariiformes (Albatrosses, Petrels, Fulmars)	<input type="checkbox"/> Humans
<input type="checkbox"/> Echinoidea (Sea Urchins, Sand Dollars)	<input type="checkbox"/> Pelecaniformes (Pelicans, Gannets, Boobies, Tropicbirds)	<input type="checkbox"/> Rodentia
<input type="checkbox"/> Holothuroidea (Sea Cucumbers)	<input type="checkbox"/> Ciconiiformes (Herons, Bitterns, Egrets, Storks, Ibis, Flamingo)	<input type="checkbox"/> Laboratory Rodents (Rat, Mouse, Guinea Pig, Hamster)
<input type="checkbox"/> HEMICHORDATA (Acorn Worms, Pterobranchs)	<input type="checkbox"/> Anseriformes (Ducks, Geese, Screamers)	<input type="checkbox"/> Non-Laboratory Rodents
<input type="checkbox"/> UROCHORDATA (Tunicata) (Tunicates, Sea Squirts, Salps, Ascideans)	<input type="checkbox"/> Falconiformes (Vultures, Hawks, Eagles, Condors, Kites, Falcons)	<input type="checkbox"/> Lagomorphs (Rabbits, Hares, Pikas)
<input type="checkbox"/> CEPHALOCHORDATA (Amphioxus/Lancelet)	<input type="checkbox"/> Galliformes (Megapodes, Turkeys, Quail, Pheasants, Peafowl, etc.)	<input type="checkbox"/> Tubulidenata (Aardvarks)
<input type="checkbox"/> VERTEBRATES	<input type="checkbox"/> Gruiformes (Cranes, Rails, Gallinules, Coots, Bustards, Crakes)	<input type="checkbox"/> Carnivora (Bears, Canids, Felids, Mustelids, Viverrids, Hyena, Procyonids)
<input type="checkbox"/> AGNATHA (Hagfish, Lamprey)	<input type="checkbox"/> Charadriiformes (Terns, Gulls, Stilts, Avocets, Plovers, Puffins, etc.)	<input type="checkbox"/> Ungulates
<input type="checkbox"/> FISHES	<input type="checkbox"/> Columbiformes (Pigeons, Doves)	<input type="checkbox"/> Perissodactyla (Odd-toed Ungulates) (Horses, Rhinos, Tapirs, etc.)
<input type="checkbox"/> Chondrichthyes (Cartilaginous Fishes) (Sharks, Rays, Ratfish)	<input type="checkbox"/> Psittaciformes (Parrots, Lorries, Cockatoos, Kakapo, Conures, etc.)	<input type="checkbox"/> Artiodactyla (Even-toed Ungulates) (Cattle, Sheep, Deer, Pigs, etc.)
<input type="checkbox"/> Osteichthyes (Bony Fishes)	<input type="checkbox"/> Cuculiformes (Cuckoos, Turacos, Anis, Coucal, Roadrunner, etc.)	<input type="checkbox"/> Sirenia (Manatees, Dugongs)
<input type="checkbox"/> Sarcopterygia (Lobe-finned Fishes) (Coelacanth, Lungfish)	<input type="checkbox"/> Strigiformes (Owls)	<input type="checkbox"/> Proboscidea (Elephants)
<input type="checkbox"/> Actinopterygia (Ray-finned Fishes)	<input type="checkbox"/> Apodiformes (Hummingbirds, Swifts, Thornbills)	<input type="checkbox"/> Marine Mammals (Seals, Walrus, Whales, Otters, Dolphins, Porpoises)
<input type="checkbox"/> AMPHIBIA	<input type="checkbox"/> Coraciiformes (Kingfishers, Todies, Bee-Eaters, Rollers, Hornbills, etc.)	<input type="checkbox"/> TRANSGENIC ORGANISMS
<input type="checkbox"/> Anura (Frogs, Toads)	<input type="checkbox"/> Piciformes (Woodpeckers, Toucans, Jacamars, Barbets, Honeyguides)	<input type="checkbox"/> FOSSIL OR EXTINCT ORGANISMS
<input type="checkbox"/> Urodela (Salamanders, Newts)	<input type="checkbox"/> Passeriformes (Passerines)	<input type="checkbox"/> NO ORGANISMS
<input type="checkbox"/> Gymnophiona (Apoda) (Caecilians)	<input type="checkbox"/> MAMMALIA	

CATEGORY VIII: MODEL ORGANISM (Select ONE)		
<input type="checkbox"/> NO MODEL ORGANISM	<input type="checkbox"/> Schizosaccharomyces pombe	<input type="checkbox"/> Octopus (Octopus spp.)
MODEL ORGANISM (Choose from the list or input up to 9 characters)	PLANT	<input type="checkbox"/> Leech (Hirudo medicinalis)
VIRUS/BACTERIA	<input type="checkbox"/> Mouse-Ear Cress (Arabidopsis thaliana)	<input type="checkbox"/> Horseshoe Crab (Limulus spp.)
<input type="checkbox"/> Lambda Phage	<input type="checkbox"/> Ice Plant (Mesembryanthemum spp.)	<input type="checkbox"/> Brine Shrimp (Artemia spp.)
<input type="checkbox"/> Rhizobacterium	<input type="checkbox"/> Barley (Hordeum vulgare)	<input type="checkbox"/> Lobster (Homarus, Panilurus, etc.)
<input type="checkbox"/> Escherichia coli	<input type="checkbox"/> Corn (Zea mays)	<input type="checkbox"/> Crayfish (Procambarus, Astacus, etc.)
<input type="checkbox"/> Bacillus subtilis	<input type="checkbox"/> Pea (Pisum sativum)	<input type="checkbox"/> Dragonfly (Aeschna, etc.)
<input type="checkbox"/> Cyanobacteria (Selenococcus/Selenobacter)	<input type="checkbox"/> Tobacco (Nicotiana spp.)	<input type="checkbox"/> Grasshopper/Locust (Schistocerca, etc.)
PROTISTA	<input type="checkbox"/> Spinach (Spinacia oleracea)	<input type="checkbox"/> Cockroach (Periplaneta, Blatta, Blatella, etc.)
<input type="checkbox"/> Acetabularia acetabulum	<input type="checkbox"/> Alfalfa (Medicago spp.)	<input type="checkbox"/> Mantis (Mantis, Parasphendale, etc.)
<input type="checkbox"/> Chlamydomonas reinhardtii	<input type="checkbox"/> Tomato (Lycopersicon spp.)	<input type="checkbox"/> Six-Lined Hawk Moth (Manduca sexta)
<input type="checkbox"/> Paramecium	ANIMAL	<input type="checkbox"/> Fruitfly (Drosophila melanogaster)
<input type="checkbox"/> Tetrahymena	<input type="checkbox"/> Nematode (Caenorhabditis elegans)	<input type="checkbox"/> Syrphid Fly (Syrphidae)
FUNGI	<input type="checkbox"/> Sea Slug (Aplysia californica)	<input type="checkbox"/> Apple Maggot (Rhagoletis spp.)
<input type="checkbox"/> Dictyostelium	<input type="checkbox"/> Sea Slug (Hermisenda spp.)	<input type="checkbox"/> Mosquito (Culex, Aedes, Anopheles, etc.)
<input type="checkbox"/> Neurospora	<input type="checkbox"/> Pond Snail (Lymnaea spp.)	<input type="checkbox"/> Flour Beetle (Tenebrio spp./Tribolium spp.)
<input type="checkbox"/> Saccharomyces cerevisiae	<input type="checkbox"/> Terrestrial Snail (Helix spp.)	<input type="checkbox"/> Honeybee (Apis mellifera)
	<input type="checkbox"/> Squid/Cuttlefish (Loligo, Sepia, etc.)	<input type="checkbox"/> Parasitic Wasp (Braconids, Pteromalids, etc.)

<input type="checkbox"/> Sea Urchin (<i>Diadema</i> , <i>Mellita</i> , etc.) <input type="checkbox"/> Ascidian (<i>Boltenia</i> , <i>Molgula</i> , etc.) <input type="checkbox"/> Lancelet (<i>Amphioxus</i> spp.) <input type="checkbox"/> Lamprey (<i>Petromyzon</i> spp.) <input type="checkbox"/> Skate (<i>Raja</i> , <i>Myliobatis</i> , etc.) <input type="checkbox"/> Croaker (<i>Sciaenid</i> Fishes) <input type="checkbox"/> Electric Fish (<i>Eigenmannia</i> , <i>Sternopygus</i> , etc.) <input type="checkbox"/> Goldfish (<i>Carassius auratus</i> , etc.) <input type="checkbox"/> Perch (<i>Perca</i> spp.) <input type="checkbox"/> Zebrafish (<i>Danio</i> (<i>Brachydanio</i>) <i>rerio</i>) <input type="checkbox"/> Axolotl (<i>Ambystoma mexicanum</i>) <input type="checkbox"/> Mudpuppy (<i>Necturus</i> spp.) <input type="checkbox"/> African Clawed Frog (<i>Xenopus laevis</i>) <input type="checkbox"/> Bullfrog (<i>Rana catesbeiana</i>)	<input type="checkbox"/> Grass Frog (<i>Rana pipiens</i>) <input type="checkbox"/> Marine Toad (<i>Bufo marinus</i>) <input type="checkbox"/> Turtle (<i>Chrysemys</i> , <i>Pseudemys</i> , etc.) <input type="checkbox"/> Quail (<i>Coturnix</i> spp.) <input type="checkbox"/> Chicken Embryo (<i>Gallus domesticus</i>) <input type="checkbox"/> House Sparrow (<i>Passer domesticus</i>) <input type="checkbox"/> White-Crowned Sparrow (<i>Zonotrichia leucophrys</i>) <input type="checkbox"/> Zebra Finch (<i>Poephila guttata</i>) <input type="checkbox"/> Opossum (<i>Monodelphis</i> , <i>Didelphis</i> , etc.) <input type="checkbox"/> Bat (<i>Antrozous</i> , <i>Eptesicus</i> , etc.) <input type="checkbox"/> Owl Monkey (<i>Aotus</i> spp.) <input type="checkbox"/> Rhesus Monkey (<i>Macaca mulatta</i>) <input type="checkbox"/> Tamarin (<i>Sanguinus</i> , <i>Leontopithecus</i> spp.) <input type="checkbox"/> Chimpanzee (<i>Pan troglodytes</i>)	<input type="checkbox"/> Human (<i>Homo sapiens</i>) <input type="checkbox"/> Chinchilla (<i>Chinchilla laniger</i>) <input type="checkbox"/> Deer Mouse (<i>Peromyscus</i> spp.) <input type="checkbox"/> Guinea Pig (<i>Cavia porcellus</i>) <input type="checkbox"/> Hamster (<i>Mesocricetus</i> , <i>Phodopus</i> , etc.) <input type="checkbox"/> Kangaroo Rat (<i>Dipodomys</i> , etc.) <input type="checkbox"/> Mouse, Laboratory <input type="checkbox"/> Rat, Laboratory <input type="checkbox"/> Vole (<i>Microtus</i> spp.) <input type="checkbox"/> Domestic Dog (<i>Canis domestica/familiaris</i>) <input type="checkbox"/> Domestic Cat (<i>Felis domestica/cattus</i>) <input type="checkbox"/> Ferret (<i>Mustelus</i> spp.) <input type="checkbox"/> Farm Animals (Horse, Sheep, Pigs, Cattle, Goats) [Enter your own model organism - up to 9 characters] <input style="width: 100px; height: 15px;" type="text"/>
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