

Directorate for Biological Sciences

Division of Integrative Organismal Systems

Proposal Classification Form

For each of the categories below, select those attributes that best describe the content of your proposal. You must select at least one attribute in each category. The information you provide assists in fulfilling NSF's reporting requirements.

CATEGORY I: INVESTIGATOR STATUS (Select ONE)

- Beginning Investigator - No previous Federal support as PI or Co-PI, excluding fellowships, dissertations, planning grants, etc.
- Prior Federal support only
- Current Federal support only
- 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"/> Engineering | <input type="checkbox"/> Psychology |
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> Mathematics | <input type="checkbox"/> Social Sciences |
| <input type="checkbox"/> Computer Science | <input type="checkbox"/> Physics | <input type="checkbox"/> None of the Above |
| <input type="checkbox"/> Earth Science | | |

CATEGORY III: SUBSTANTIVE AREA (Select 1 to 4)

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

<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

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

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)

VIRUSES

- Bacterial
- Plant
- Animal

PROKARYOTES

- Archaeobacteria
- Cyanobacteria
- Eubacteria

PROTISTA (PROTOZOA)

- Amoebae
- Apicomplexa
- Ciliophora
- Flagellates
- Foraminifera
- Microspora
- Radiolaria

FUNGI

- Ascomycota
- Basidiomycota
- Chytridiomycota
- Mitozporic Fungi
- Oomycota
- Yeasts
- Zygomycota

LICHENS

SLIME MOLDS

ALGAE

- Bacillariophyta (Diatoms)
- Charophyta
- Chlorophyta
- Chrysophyta
- Dinoflagellata
- Euglenoids
- Phaeophyta
- Rhodophyta

PLANTS

NON-VASCULAR PLANTS

BRYOPHYTA

- Anthocerotae (Hornworts)
- Hepaticae (Liverworts)
- Musci (Mosses)

VASCULAR PLANTS

FERNS & FERN ALLIES

GYMNOSPERMS

- Coniferales (Conifers)
- Cycadales (Cycads)
- Ginkgoales (Ginkgo)
- Gnetales (Gnetophytes)

ANGIOSPERMS

- Monocots
- Areaceae (Palmae)

- Cyperaceae
- Liliaceae
- Orchidaceae
- Poaceae (Graminae)
- Dicots
- Apiaceae (Umbelliferae)
- Asteraceae (Compositae)
- Brassicaceae (Cruciferae)
- Fabaceae (Leguminosae)
- Lamiaceae (Labiatae)
- Rosaceae
- Solanaceae

ANIMALS

INVERTEBRATES

MESOZOA/PLACOZOA

PORIFERA (Sponges)

CNIDARIA

- Hydrozoa (Hydra, etc.)
- Scyphozoa (Jellyfish)
- Anthozoa (Corals, Sea Anemones)

CTENOPHORA (Comb Jellies)

PLATYHELMINTHES (Flatworms)

- Turbellaria (Planarians)
- Trematoda (Flukes)
- Cestoda (Tapeworms)
- Monogenea (Flukes)

GNATHOSTOMULIDA

NEMERTINEA (Rynchocoela) (Ribbon Worms)

ENTOPROCTA (Bryozoa) (Plant-like Animals)

ASCHELMINTHES

- Gastrotricha
- Kinorhyncha
- Loricifera
- Nematoda (Roundworms)
- Nematomorpha (Horsehair Worms)
- Rotifera (Rotatoria)

ACANTHOCEPHALA (Spiny-headed Worms)

PRIAPULOIDEA

BRYOZOA (Ectoprocta) (Plant-like Animals)

PHORONIDEA (Lophophorates)

BRACHIOPODA (Lamp Shells)

MOLLUSCA

- Monoplacophora
- Aplacophora (Solenogasters)
- Polyplacophora (Chitons)
- Scaphopoda (Tooth Shells)
- Gastropoda (Snails, Slugs, Limpets)
- Pelecypoda (Bivalvia) (Clams, Mussels, Oysters, Scallops)
- Cephalopoda (Squid, Octopus, Nautilus)

- ANNELIDA (Segmented Worms)
- Polychaeta (Parapodial Worms)
- Oligochaeta (Earthworms)
- Hirudinida (Leeches)
- POGONOPHORA (Beard Worms)
- SIPUNCULOIDEA (Peanut Worms)
- ECHIUROIDEA (Spoon Worms)
- ARTHROPODA
- Cheliceriformes
- Merostomata (Horseshoe Crabs)
- Pycnogonida (Sea Spiders)
- Scorpionida (Scorpions)
- Araneae (True Spiders)
- Pseudoscorpionida (Pseudoscorpions)
- Acarina (Free-living Mites)
- Parasitiformes (Parasitic Ticks & Mites)
- Crustacea
- Branchiopoda (Fairy Shrimp, Water Flea)
- Ostracoda (Sea Lice)
- Copepoda
- Cirripedia (Barnacles)
- Amphipoda (Skeleton Shrimp, Whale Lice, Freshwater Shrimp)
- Isopoda (Wood Lice, Pillbugs)
- Decapoda (Lobster, Crayfish, Crabs, Shrimp)
- Hexapoda (Insecta) (Insects)
- Apterygota (Springtails, Silverfish, etc.)
- Odonata (Dragonflies, Damselflies)
- Ephemeroptera (Mayflies)
- Orthoptera (Grasshoppers, Crickets)
- Dictyoptera (Cockroaches, Mantids, Phasmids)
- Isoptera (Termites)
- Plecoptera (Stoneflies)
- Phthiraptera (Mallophaga & Anoplura) (Lice)
- Hemiptera (including Heteroptera) (True Bugs)
- Homoptera (Cicadas, Scale Insects, Leafhoppers)
- Thysanoptera (Thrips)
- Neuroptera (Lacewings, Dobsonflies, Snakeflies)
- Trichoptera (Caddisflies)
- Lepidoptera (Moths, Butterflies)
- Diptera (Flies, Mosquitoes)
- Siphonaptera (Fleas)
- Coleoptera (Beetles)
- Hymenoptera (Ants, Bees, Wasps, Sawflies)
- Chilopoda (Centipedes)
- Diplopoda (Millipedes)

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