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# **TOPIC 1 Practice**

|  |  |  |
| --- | --- | --- |
| **A** | A study of 24 species of \_\_\_\_ in Britain conducted by the British Trust for Ornithology (BTO) found that although many species were declining a few species were increasing. | breeding |
| **A** | According to Viva!, \_\_\_\_\_\_\_ is the nation that imports the greatest amount of kangaroo meat. | Bulgaria |
| **A** | Agriculturalists in Britain blamed the declines in some bird species on predation by\_\_\_\_ . | sparrow hawks |
| **A** | Although Japan supported the one time sale of ivory, the sale was opposed by \_\_\_\_\_. | China |
| **A** | At the 2002 CITES meeting, the US agreed with the motion to allow a one time sale of ivory stockpiled in five African nations. | TRUE |
| **B** | BTO researchers found that the \_\_\_\_\_\_\_\_\_\_\_\_\_ had increased to higher numbers than ever reported throughout history. | Grey Heron |
| **C** | Cougars have recently been found in South Dakota and \_\_\_\_ . | Minnesota |
| **I** | In \_\_\_ , CITIES banned international trade in ivory. | 1989 |
| **I** | In one study of British farmland birds researchers found that about \_\_\_\_% of all European birds (=European avifauna) are now a conservation concern. | 20 |
| **I** | Is one of the African nations that argued for lifting the ban on ivory trade. | Zimbabwe |
| **I** | Is the animal rights advocacy group that led the campaign to ban the sale of kangaroo meat in UK grocery stores. | Viva! |
| **I** | Is the nation that joined Kenya and fought against permanently lifting the ban on ivory trade. | India |
| **M** | Most of the kangaroo meat commercially harvested in Australia is exported to \_\_\_\_\_\_\_\_\_\_\_ countries. | European |
| **M** | Mountain Lions have never been known to kill humans | FALSE |
| **R** | Researchers believe that the declines seen in British farmland birds are due to \_\_\_\_. | farming practices |
| **S** | Species of kangaroo are harvested commercially on the mainland of Australia. | 5 |
| **S** | Species of kangaroo are only harvested on Flinders Island and Tasmania. | 2 |
| **T** | The California Wildlife Protection Act (Proposition 117) banned hunting of \_\_\_\_\_\_ . | mountain lions |
| **T** | The Predator Defense Institute attacked the \_\_\_\_\_\_\_\_ state wildlife agency over its methods for studying mountain lion population size. | Oregon |
| **V** | Voters in Oregon banned the hunting of mountain lions with\_\_\_\_\_\_\_\_\_\_\_\_. | hounds |
| **W** | Was the non-African nation that wanted the ivory trade reinstated. | Japan |

# **TOPIC 2 Practice**

|  |  |  |
| --- | --- | --- |
| **A** | A total of \_\_\_\_\_\_\_ nutria was processed in 1996-1997 for human consumption in Louisiana. | 0(zero) |
| **A** | About 150 nutria were able to escape from "escape proof" cages in Louisiana in 1940 following\_\_\_\_\_\_\_\_\_. | a hurricane |
| **A** | According to Seton, at the start of the twentieth century there were \_\_\_\_\_\_ prairie dogs on the Great Plains. | 5 billion |
| **B** | Black footed ferrets are vulnerable to \_\_\_\_\_\_\_\_\_ as well as sylvatic plague. | canine distemper |
| **B** | By the late 1950's there were roughly\_\_\_\_\_\_\_\_\_ nutria in the US. | 20 million |
| **I** | In 1981, a population of Black-footed ferrets was found near Meeteese in \_\_\_\_\_\_\_\_\_\_\_. | Wyoming |
| **I** | In 1999 petitioners listed \_\_\_\_\_ threats to the black-tailed prairie dog. | three |
| **I** | In 1999, the USFWS ruled that there was sufficient evidence to warrant an emergency listing for the Black-tailed prairie dog. | FALSE |
| **I** | In August 2004, based on new information, the USFWS ruled that the black-tailed prairie dog should\_\_\_\_\_\_\_\_\_ . | not to be listed |
| **I** | In Louisiana, authorities recently hoped to persuade the public to \_\_\_\_\_\_\_\_\_. | eat nutria meat |
| **N** | Nutria were introduced to the US from \_\_\_\_\_\_\_. | Argentina |
| **N** | Nutria were originally introduced \_\_\_\_\_\_\_\_\_\_. | to establish a fur industry |
| **O** | Officials in Lubbock plan to use \_\_\_\_\_\_\_ to kill prairie dogs. | phostoxin |
| **O** | Once thought to be extinct, a population of black-footed ferrets was found in \_\_\_\_\_\_\_ in 1964. | South Dakota |
| **P** | Petitioners originally sought an "emergency" \_\_\_\_\_\_\_\_\_ categorization for the black-tailed prairie dog in 1994. | candidate 2 |
| **P** | Photoxin reacts with \_\_\_\_\_\_\_ in the atmosphere to become activated . | H2O |
| **P** | Prairie dogs are especially vulnerable to \_\_\_\_\_\_\_\_\_\_. | sylvatic plague |
| **P** | Priority numbers for listing species under the ESA are based on \_\_\_\_\_\_. | population size |
| **R** | Recently trappers in Louisiana were earning about $\_\_\_\_\_ per nutria pelt . | $<3 (greater than 3$ per pound) |
| **S** | Since European contact, the Black-tailed prairie dog has lost about \_\_\_\_\_% of its original 100 million acres of habitat . | 99 |
| **T** | The \_\_\_\_\_\_\_\_ prairie dog inhabits the short-grass prairie zone of the Great Plains. | black-tailed |
| **T** | The \_\_\_\_\_\_\_\_\_ is a once commercially important native North American furbearer that weighs about 2 lbs. | muskrat |
| **T** | The \_\_\_\_\_\_\_\_\_prairie dog is listed as endangered. | Utah |
| **T** | The black-tailed prairie dog is protected by state law in several states. | FALSE |
| **T** | The cost of removing 300 prairie dogs from the Lubbock site was $\_\_\_\_\_\_ . | $17,000 |
| **T** | The individuals used in re-introductions of the black-footed ferret came from\_\_\_\_\_\_\_\_\_\_\_\_. | captive breeding |
| **T** | The largest population of re-introduced Black-footed ferrets (164 individuals) is in \_\_\_\_\_\_\_\_\_\_\_. | South Dakota |
| **T** | The main problem caused by nutria in Louisiana is that they \_\_\_\_\_\_\_\_. | destroy wetland and farmland vegetation |
| **T** | The population of black-tailed prairie dogs in Lubbock, Texas could be as high as \_\_\_\_\_\_\_\_. | 40,000 |
| **T** | The range of the black-footed ferret historically coincided more or less with the range of \_\_\_\_\_\_\_\_\_\_\_\_. | prairie dogs |
| **T** | The state of Louisiana constructed \_\_\_\_\_\_\_\_\_ plants to process nutria for human consumption. | 6 |
| **V** | Varmint hunters shoot prairie dogs chiefly for \_\_\_\_\_\_\_. | fun |
| **W** | When exposed to air, phostoxin reacts to form \_\_\_\_\_\_\_\_\_. | hydrogen phosphide |
| **W** | When first considered for listing under the ESA, the black-tailed prairie dog was assigned a priority number of\_\_\_\_\_\_\_\_\_. | 8 |
| **W** | Wide scale poisoning of prairie dogs was undertaken between 1920 and 1970 by the agency now known as \_\_\_\_\_\_\_\_\_\_ . | USDA Wildlife Services |

# **TOPIC 3 Practice**

|  |  |  |
| --- | --- | --- |
| **A** | A favorite food of fishers in some areas is \_\_\_\_\_ | Porcupine |
| **A** | A female snow goose can lose \_\_\_\_\_% of her body mass producing a single clutch | 40 |
| **A** | A hunter from Louisiana, who shot a radio-collared lynx in Colorado, was fined \_\_\_\_\_ | > $18, 000 |
| **A** | All ranchers in the US oppose wolf re-introductions | FALSE |
| **C** | Canada Lynx feed principally on \_\_\_\_\_ | Snowshoe Hares |
| **C** | Cape Sable Seaside Sparrows typically nest in \_\_\_\_\_ | one meter tall saw grass |
| **E** | Egging, meaning the removal of eggs from Snow Goose nests will likely be ineffective in managing Snow Geese because \_\_\_\_\_ | nests are far from any people |
| **F** | Fishers are members of the \_\_\_\_\_ family | weasel |
| **F** | Fishers have recently been reintroduced to the state of \_\_\_\_\_ | Tennessee |
| **I** | In a poll, \_\_\_\_\_% of Australians favored the killing of feral cats | 75 |
| **I** | Is the non-governmental organization that claims increased numbers of snow geese are destroying arctic vegetation | Ducks Unlimited |
| **I** | Is the non-governmental organization that pushed for and participated in the re-introduction of Gray Wolves to Idaho and Yellowstone National Park | Defenders of Wildlife |
| **M** | Management of Snow Geese legally falls under the \_\_\_\_\_ Act of 1918 | Migratory Bird Treaty |
| **M** | Many Sea Horses are harvested by fishers from \_\_\_\_\_ | the Philippines |
| **M** | Moulton was able to buy some dried seahorses at a market in \_\_\_\_\_ | Tarpon Springs |
| **R** | Re-introductions of Canada Lynx in Colorado all took place on \_\_\_\_\_ land | National Forest |
| **S** | Sea Horses are actually \_\_\_\_\_ | bony fish |
| **S** | Sea Horses are especially popular in markets in traditional medicine in \_\_\_\_\_ | China |
| **S** | Sea Horses commonly live over \_\_\_\_\_ | bed of sea grass |
| **T** | The \_\_\_\_\_ is the organization that has vehemently opposed Lynx re-introductions to Colorado | Farm Bureau |
| **T** | The Cape Sable Seaside Sparrow spends the winter in Cuba | FALSE |
| **T** | The Dusky Seaside Sparrow that went extinct in Florida was a victim of \_\_\_\_\_ | development |
| **T** | The Fisher re-introductions were funded in part by \_\_\_\_\_ | Duracell |
| **T** | There are an estimated \_\_\_\_\_ feral cats in Australia | 12 million |
| **W** | When re-introduced wolves kill livestock where they are re-introduced, the livestock owner is \_\_\_\_\_ | paid fair market value for the loss |
| **W** | When the USFWS increased the bag limit on snow geese, the \_\_\_\_\_ sued them to stop the increase | HSUS |

# **TOPIC 4 Practice**

|  |  |  |
| --- | --- | --- |
| **A** | A frog gig is basically a \_\_\_\_\_\_\_\_\_\_ | multi-pronged spear |
| **A** | According to the Miami Herald in 1996 people were killing $\_\_\_\_\_\_ worth of frogs per night. | 700 |
| **A** | As noted in lecture, there are \_\_\_\_\_\_ main foraging types (not species!) of gulls. | 2 |
| **B** | Before 1996, frog gigging for consumption by a person's family was legal in Big Cypress National Preserve. | TRUE |
| **B** | Black skimmers benefited from gull control at Monomoy National Wildlife Refuge. | TRUE |
| **C** | Chronic Wasting Disease (CWD) is similar to \_\_\_\_\_\_ seen in England | mad cow disease |
| **C** | CWD has been known to infect \_\_\_\_\_\_\_ as well as deer. | elk |
| **C** | CWD is caused by\_\_\_\_\_\_\_\_\_. | prions |
| **C** | CWD was first seen in captive deer in \_\_\_\_\_\_\_\_\_. | Colorado |
| **I** | In 1996, public outcry led to a ban on the harvest of \_\_\_\_\_\_\_ in Big Cypress. | frogs |
| **I** | In April 1996 a ranger in Big Cypress found that 67 boats of frog leg catches weighed \_\_\_\_\_\_\_ lbs. | 4500 |
| **I** | In Wisconsin, authorities plan to kill \_\_\_\_\_\_ deer in a circle with a 10 mile radius around a spot where 18 deer tested positive for CWD. | 25000 |
| **I** | Is one of the species that benefited most from gull culling at Monomoy National Wildlife Refuge. | Common terns |
| **O** | One concern regarding the harvest in Big Cypress NP was the amount of air boat damage to the habitat of Snail Kites and\_\_\_\_\_\_\_\_\_\_\_\_. | Cape Sable Seaside Sparrows |
| **P** | People in Kentucky developed Creutzfeldt-Jakob Disease like symptoms after eating\_\_\_\_\_\_\_ brains . | squirrel |
| **P** | Piping plovers are restricted to the east coast of the United States. | FALSE |
| **P** | Piping plovers in Monomoy National Wildlife Refuge were mostly preyed on by \_\_\_\_\_\_\_\_ gulls. | Great Black Backed |
| **T** | The \_\_\_\_\_\_ gull is a common scavenging species of the Gulf Coast of Florida. | laughing |
| **T** | The frog most sought after in Big Cypress was the \_\_\_\_\_\_ frog. | pig |
| **T** | The USFWS used \_\_\_\_\_\_ to kill gulls in Monomoy National Wildlife Refuge. | DRC-1339 |
| **U** | USFWS scientists wanted to kill certain gulls at the Monomoy National Wildlife Refuge in Massachusetts because the gulls were \_\_\_\_\_\_\_\_\_\_\_\_\_\_ . | killing federally listed piping plovers |
| **W** | Wisconsin deer may have been infected with CWD by eating \_\_\_\_\_\_\_\_. | protein pellets |

# **TOPIC 5 Practice**

|  |  |  |
| --- | --- | --- |
| **A** | Are cells that trap tiny food particles as water flows through the body wall of sponges | collar cells |
| **A** | Are extremely dangerous species found in the region of tropical Australia | Box Jellyfish |
| **B** | Bleaching of coral reefs can be caused by \_\_\_\_ | environmental stress |
| **C** | Cannonball Jellyfish are a good species for commercial harvest because they \_\_\_\_\_ | have high reproductive rates |
| **C** | Cannonball jellyfish belong to the phylum \_\_\_\_\_ | Cnidaria |
| **C** | Coral reefs are formed by species in the phylum \_\_\_\_\_ | Cnidaria |
| **C** | Currently the market for US caught cannonball jellyfish exists especially in \_\_\_\_\_ | Korea |
| **I** | Is a cellular structure that is typical only of species in the kingdom Fungi | a cell wall of chitin |
| **I** | Is an example of a wildlife classification based on an international agreement | CITES |
| **I** | International trade in endangered species is monitored by \_\_\_\_\_ | CITES |
| **I** | Intracellular digestion by amoebocytes is typical of \_\_\_\_\_ | Sponges |
| **M** | Most non-phylogenetic wildlife classification schemes are based on \_\_\_\_\_ | distribution and abundance |
| **M** | Most of the species listed by CITES are categorized in Appendix \_\_\_\_\_ | II |
| **P** | Plants are not listed by CITES | FALSE |
| **R** | Red tides are caused by species from the kingdom \_\_\_\_\_ | protista |
| **R** | Red tides are not always characterized by a change in the water color | TRUE |
| **R** | Red Tides toxins are produced by \_\_\_\_\_ | Dinoflagellates |
| **S** | Species in the kingdom \_\_\_\_\_ are characterized by having prokaryotic cells | monera |
| **S** | Sponges once were, but no longer are, commercially harvested out of \_\_\_\_\_ | Key West |
| **T** | The structurally simplest animals we discussed are the \_\_\_\_\_ | sponges |
| **T** | There are basically \_\_\_\_\_ kinds of Red Tides | 3 |
| **T** | Today sponges are commercially harvested in Florida only out of \_\_\_\_\_ | Tarpon Springs |
| **W** | When \_\_\_\_\_ are low, some organisms that cause red tides revert to sexual reproduction | resources |
| **W** | Which of the following is the correct sequence in going from larger groups to smaller? | Life > Domain > Kingdom > Phylum > Class > Order > Family > Genus > Species |
| **W** | Which of the following is the most correct sequence in going from smaller groups to larger? | Life > Domain > Kingdom > Phylum > Class > Order > Family > Genus > Species |
| **W** | White line disease is found in certain \_\_\_\_\_ in Florida | corals |

# **TOPIC 6 Practice**

|  |  |  |
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| **A** | According to MPM many wildlifers, if given a choice would study \_\_\_\_\_\_\_ | CMVs |
| **A** | A true coelom is a secondary body cavity that is surrounded by \_\_\_\_\_\_\_ and \_\_\_\_\_\_\_ | mesoderm; mesoderm |
| **A** | A pseudocoelom is characteristic of the \_\_\_\_\_ | nematodes |
| **A** | After the scallops declined, the state (through the MFC) banned commercial harvest of scallops \_\_\_\_\_\_\_ | statewide |
| **B** | Before 1994 the scallop season ran for \_\_\_\_\_ months in Florida. | 9 |
| **B** | By 1984 the Schaus Swallowtail Butterfly was reduced to a total of \_\_\_\_\_ individuals. | 70 |
| **C** | Creating stepping-stone habitat is a technique used by Dr. Tom Emmel to aid the \_\_\_\_\_ | Schaus Swallowtail Butterfly |
| **E** | Embryonic genes switch on during the \_\_\_\_\_ phase of development. | gastrula |
| **F** | Flatworms belong to the phylum \_\_\_\_\_ | Platyhelminthes |
| **I** | In deuterostomes the \_\_\_\_\_ forms from the blastopore. | anus |
| **I** | Is one of the three most represented phyla of invertebrates listed by FCREPA. | Cnidaria |
| **L** | Lobsters and shrimp are species in the phylum \_\_\_\_\_ | arthropoda |
| **M** | Moulton believes that few invertebrate species are federally listed in Florida because invertebrates \_\_\_\_\_\_\_ | have not been studied extensively |
| **M** | Members of the phylum Platyhelminthes (Flatworms) have \_\_\_\_\_ secondary body cavity. | no |
| **O** | Only species in the class \_\_\_\_\_\_\_\_ can be exempt of provisions in the Endangered Species Act. | insecta |
| **S** | Scallops are members of the phylum \_\_\_\_\_\_\_ | mollusca |
| **S** | Scallops began to disappear in the region of the Gulf of Mexico \_\_\_\_\_\_\_ | south of the Suwanee river |
| **T** | The FWC lists \_\_\_\_\_ species of invertebrates as being threatened, or endangered. | 8 |
| **T** | The MFC left the recreational scallop season open for 2 months because of \_\_\_\_\_\_\_ | economic pressure |
| **T** | The Schaus Swallowtail Butterfly once occurred statewide in Florida. | FALSE |
| **T** | The Schaus Swallowtail butterfly may avoid extinction in the wild because of a partnership between conservation scientists and a \_\_\_\_\_\_ association. | golfing |
| **T** | The blastula is a \_\_\_\_\_\_\_ | hollow ball of cells |
| **T** | The Schaus Swallowtail butterfly was nearly wiped out in 1992 because of \_\_\_\_\_ | Hurricane Andrew |
| **T** | The solid ball of cells formed through cleavage is called a \_\_\_\_\_\_ | morula |
| **T** | The Schaus Swallowtail butterfly survived because a few individuals were \_\_\_\_\_\_\_ | none of these |
| **T** | The invertebrate phylum \_\_\_\_\_ has no species listed by FWC. | porifera |
| **T** | The blastopore becomes the mouth in the development of \_\_\_\_\_ | protostomes |
| **T** | The Schaus Swallowtail butterfly is found only in \_\_\_\_\_\_ | the Florida Keys |
| **T** | The \_\_\_\_\_\_ is an introduced species in North America that belongs to the phylum Mollusca. | Zebra Mussel |

# **TOPIC 7 Practice**

|  |  |  |
| --- | --- | --- |
| **A** | All chordates have \_\_\_\_\_ | dorsal hollow nerve cord |
| **A** | All chordates have \_\_\_\_\_ | pharyngeal gill slits |
| **A** | All lampreys are parasitic | FALSE |
| **A** | Among the vertebrates a prominent notochord is found in adult members of the class \_\_\_\_\_ | agnatha |
| **A** | Amphioxus is a typical member of the subphylum \_\_\_\_\_ | cephalochordate |
| **F** | Fish that live in marine environments and ascend creeks and streams to breed are called \_\_\_\_\_ | anadromous |
| **I** | Is the phylum of marine, acorn worms | hemichordata |
| **I** | In the vertebrates the gills are internal and \_\_\_\_\_ | connected to the digestive tube |
| **L** | Lampreys are chiefly catadromous | FALSE |
| **M** | Modern hagfishes are found only in \_\_\_\_\_ environments | marine |
| **N** | Natives on the Yukon River harvest nemeryaq which are actually\_\_\_\_\_ | lampreys |
| **R** | Refers to the developmental change from juvenile to adult. | metamorphosis |
| **S** | Scientists once thought (incorrectly) that Amphioxus was a larval \_\_\_\_\_ that underwent paedomorphosis | lamprey |
| **S** | Sea urchins belong to the phylum \_\_\_\_\_ | echinodermata |
| **S** | Some species of \_\_\_\_\_ are catadromous species | eels |
| **T** | TFM is a chemical once used to control \_\_\_\_\_ | lampreys |
| **T** | TFM may be replaced in the future by \_\_\_\_\_ | baylucide |
| **T** | The \_\_\_\_\_ are chordates that are sessile as adults and/but have a free-swimming larva | urochordata |
| **T** | The \_\_\_\_\_ were the first vertebrates | ostracoderms |
| **T** | The currently accepted theory among biologists on the evolution of the vertebrates is based on \_\_\_\_\_ hypothesis | Garstang |
| **T** | The four chordate characteristics are all visible in the adults of all chordate species | FALSE |
| **T** | The Ostracoderms may have used the bone in their skin for \_\_\_\_\_ | a mineral reservoir |
| **T** | The Ostracoderms may have used their bony skin for \_\_\_\_\_ | protection |
| **T** | The parasitic sea lamprey is characterized by having \_\_\_\_\_ | an oral disk |
| **T** | The phylum chordate is subdivided into \_\_\_\_\_ subphyla | 3 |
| **T** | The sea squirts belong to the subphylum \_\_\_\_\_ | urochordata |
| **T** | There are about \_\_\_\_\_ species of jawless vertebrates in the world today | 70 |
| **T** | Typically, invertebrates use their gills for \_\_\_\_\_ | feeding |
| **U** | Use slime production as a defense mechanism | hagfish |
| **W** | When lampreys reached the upper Great Lakes the \_\_\_\_\_ fishery collapsed | Lake Trout |
| **W** | When the Welland canal was deepened \_\_\_\_\_ invaded Lake Erie | lampreys |

# **TOPIC 8 Practice**

|  |  |  |
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| **A** | According to Sea Web as many as 1.1 million pounds of \_\_\_\_\_ were discarded by the swordfish industry between 1995-1996. | Marlin |
| **A** | According to SUSA about \_\_\_\_\_ pounds of Swordfish are consumed by the US public each year | 30 million |
| **A** | According to Swordfish USA about 2/3 of the swordfish consumed in the US comes from the \_\_\_\_\_ Ocean. | Pacific |
| **A** | Any swordfish that are caught that are not large enough by established standards are \_\_\_\_\_ | thrown overboard |
| **A** | Asian Carp may actually leap into boats because \_\_\_\_\_ | outboard motors frighten them |
| **A** | Atlantic Swordfish feed chiefly on squid and \_\_\_\_\_ as adults | Mackerel |
| **G** | Grass Carp were introduced to the US to control \_\_\_\_\_ | aquatic weeds |
| **I** | Is the group that manages Atlantic Swordfish | ICCAT |
| **I** | In 1990, the US banned imports of \_\_\_\_\_ from Mexico because of dolphin mortality | tuna |
| **I** | In 1997, \_\_\_\_\_ decided to lift the ban on imports of Mexican tuna | the US Senate |
| **I** | In order for jaws to function properly an animal must be able to overcome \_\_\_\_\_ , pitch, and yaw. | roll |
| **I** | In the 1970s Bighead and Silver Carp were introduced to the US to control \_\_\_\_\_ | Mollusks and Algae |
| **I** | In the film The Perfect Storm, the crew was fishing for \_\_\_\_\_ | Atlantic Swordfish |
| **J** | Jaws evolved from the \_\_\_\_\_ | gill arches |
| **L** | Large scale commercial fishing for Patagonian Toothfish began in the \_\_\_\_\_ | 1990s |
| **O** | One problem with harvesting sharks commercially is that they are \_\_\_\_\_ | viviparous |
| **P** | Pacific Ocean tuna were considered "Dolphin Safe" after \_\_\_\_\_ criteria were established | IATTC |
| **S** | Sharks are now commonly harvested for their \_\_\_\_\_ which is said to function as a cancer preventative | cartilage |
| **S** | Swordfish are harvested commercially using \_\_\_\_\_ | long lines |
| **S** | Swordfish USA (SUSA) claims there are roughly 17 million recreational fishers and \_\_\_\_\_ commercial swordfish boats in the North Atlantic. | 250 |
| **T** | The \_\_\_\_\_ act of 1972 was enacted to protect dolphins from mortality due to fishing. | Marine Mammal Protection |
| **T** | The \_\_\_\_\_ were the first jawed vertebrates | placoderms |
| **T** | The "Give Swordfish a Break" campaign was run by Sea Web and \_\_\_\_\_ | Natural Resources Defense Council |
| **T** | The common carp is native to \_\_\_\_\_ | Eurasia |
| **T** | The fishing technique used to catch Patagonian Toothfish is said to have resulted in the deaths of numerous \_\_\_\_\_ | sea birds |
| **T** | The Patagonian Toothfish is harvested using \_\_\_\_\_ | long lines |
| **T** | The Patagonian Toothfish is managed by a group of 24 nations that make up the \_\_\_\_\_ | CCAMLR |
| **T** | The Patagonian Toothfish is officially listed as endangered | FALSE |
| **T** | The Placoderms are thought to have evolved from the \_\_\_\_\_ | ostracoderms |
| **T** | The US government recently closed more than 132,000 square miles of the Atlantic to commercial swordfishing because these areas are \_\_\_\_\_ | Swordfish nursery areas |
| **T** | The US imports about \_\_\_\_\_ % of all legally harvested Patagonian Toothfish. | 20 |
| **T** | There are actually \_\_\_\_\_ species of Patagonian Toothfish. | 2 |
| **T** | There are possibly \_\_\_\_\_ species of bony fishes | 22, 000 |
| **T** | To protect Lake Michigan from possible invasion by Asian carp, fishery managers \_\_\_\_\_ | put up an electrical barrier |
| **W** | Were an adaptation that enabled the jaws to work efficiently | Paired fins |
| **W** | When the US government closed more than 132, 000 square miles to commercial swordfishing in the Atlantic, the sponsors of the 'Give Swordfish a Break' \_\_\_\_\_ | formally ended the campaign |

# **TOPIC 9 Practice**

|  |  |  |
| --- | --- | --- |
| **A** | Are primitive salamanders that have external gills, and front legs but no hind legs | sirens |
| **A** | Are structures produced by male salamanders for reproductive purposes | spermatophores |
| **A** | A species of lobe finned fish still occurs in \_\_\_\_\_ | the Indian Ocean |
| **B** | Both the frogs and the salamanders produce \_\_\_\_\_ eggs | anamniote |
| **C** | Caecilians are characterized by having \_\_\_\_\_ | internal fertilization |
| **C** | Chirping frogs were first seen in Hawaii in the \_\_\_\_\_ | mid 1980s |
| **C** | Chirping frogs were introduced to Hawaii from \_\_\_\_\_ | Puerto Rico |
| **D** | Deformed frogs were first seen in \_\_\_\_\_ in the 1990s | Minnesota |
| **E** | External fertilization is characteristic of the \_\_\_\_\_ | Frogs and Toads |
| **E** | External fertilization is seen in \_\_\_\_\_ salamanders | primitive |
| **H** | Has not been suggested as a cause of deformities in frogs | Ozone |
| **I** | Is a characteristic shared by the amphibians and certain lobe-finned fishes | Labyrinthine infolded tooth enamel |
| **I** | Icthyostega fossils are known from what is now \_\_\_\_\_ | Greenland |
| **I** | In addition to being toxic bufotenine is also an \_\_\_\_\_ | hallucinogen |
| **I** | In Darwin's frog in Chile, the young frogs develop in \_\_\_\_\_ | father's vocal sac |
| **O** | Of the following is an example of a paedogenetic group of amphibian species | Amphiumas |
| **P** | Paedomorphosis is a characteristic of certain \_\_\_\_\_ | salamanders |
| **R** | Refers to the facultative or environmentally determined form of paedomorphosis | Neoteny |
| **R** | Respiration occurs across a pharyngeal membrane in the \_\_\_\_\_ | plethodontidae |
| **S** | Sexual coupling in species that have external fertilization is called \_\_\_\_\_ | amplexus |
| **T** | The \_\_\_\_\_ is the sole surviving member of the lobe-finned fishes | Coelocanth |
| **T** | The formation of a communal foam nest is seen in certain tree frogs in \_\_\_\_\_ | Africa |
| **T** | The fossil amphibians and the lobe-finned fishes are linked by similarities in the \_\_\_\_\_ | forelimb bone pattern |
| **T** | The fossil lineages of the amphibians are recognizable on the basis of the structure of the \_\_\_\_\_ | vertebrae |
| **T** | The genus Eleutherodactylus a genus of chirping frogs has \_\_\_\_\_ species scattered over the West Indies. | 100 |
| **T** | The Golden Toad which has recently decline precipitously is native to \_\_\_\_\_ | Costa Rica |
| **T** | The Hedonic glands play an active role in \_\_\_\_\_ | salamander courtship |
| **T** | The now extinct gastric-brooding frog was known only from \_\_\_\_\_ | Australia |
| **T** | The presence of \_\_\_\_\_ is a juvenile characteristic retained by some paedogenetic species | external gills |
| **T** | The so-called poison arrow frogs are native to \_\_\_\_\_ | Central and South America |
| **T** | There are \_\_\_\_\_ federally listed species of amphibians in Florida | 0 |
| **T** | There are roughly \_\_\_\_\_ times as many frogs and toads as there are salamanders. | 8 |
| **T** | There were \_\_\_\_\_ recognizable evolutionary lines of fossil amphibians | 3 |
| **T** | Toads secrete a poison from the \_\_\_\_\_ glands on their heads | parotoid |
| **W** | When \_\_\_\_\_ aestivate they produce a mucous cocoon like the African lungfish. | sirens |

# **WILDLIFE IN AMERICA**

|  |  |  |
| --- | --- | --- |
| **A** | Are just a state of mind. | beliefs |
| **A** | A ban on commercial netting of fish within 3 miles of the Atlantic coast and 9 miles of the Gulf coast of Florida was the result of \_\_\_\_\_\_\_. | a constitutional amendment |
| **A** | According to \_\_\_\_\_\_\_, the majority of people in the US favor there re-introduction of the Gray Wolf to Yellowstone National Park. | Defenders of Wildlife |
| **A** | According to a Time Magazine survey of 10007 adults, \_\_\_\_\_\_\_% claimed to be vegetarians. | 4 |
| **A** | According to Guither, animal advocates fall into \_\_\_\_\_\_\_ general categories. | two |
| **A** | According to Moulton perhaps the best definition of a habitat was advanced by \_\_\_\_\_\_\_. | Caughley & Sinclair |
| **A** | According to Moulton the Wildlife Management view basically follows that of the \_\_\_\_\_\_\_. | Animal Reformists |
| **A** | According to Moulton, there are basically \_\_\_\_\_\_\_ categories of wildlife issues. | 2 |
| **A** | According to the Pets in America project an estimated \_\_\_\_\_\_\_% of American households had at least one pet. | 61 |
| **A** | According to the St. Petersburg Times, by the summer of 2000, manatee protection plans (MPPs) had been filed by \_\_\_\_\_\_\_ counties of the 13 that were ordered to file them in 1989. | 4 |
| **A** | Americans supported the re-introduction of \_\_\_\_\_\_\_ to Yellowstone National Park in the 1990s. | wolves |
| **A** | An animal shelter worker in Michigan was fired for \_\_\_\_\_\_\_. | feeding puppies to a snake |
| **A** | Australians use the "Judas" technique to manage populations of \_\_\_\_\_\_\_. | donkeys |
| **A** | According to Professor Moulton, humans can successfully manage wildlife. | TRUE |
| **A** | As defined by Moulton, wildlife management practices are always intentional. | FALSE |
| **B** | Bear farms, where bears are kept for their bile, occur widely in \_\_\_\_\_\_\_. | China |
| **B** | Beaver and muskrats are classified as \_\_\_\_\_\_\_. | furbearers |
| **B** | Black Skimmers are closely related to \_\_\_\_\_\_\_. | gulls and terns |
| **B** | BLM is an agency under the US Department of \_\_\_\_\_\_\_. | Interior |
| **B** | Boating rights activists in Florida claim that increased manatee deaths must mean \_\_\_\_\_\_\_. | that there are plenty of manatees so it doesn't matter |
| **B** | Burros were introduced to the US in the \_\_\_\_\_\_\_ century. | 17th |
| **B** | Bear-baiting is still practiced in Pakistan and India. | TRUE |
| **B** | Beliefs can be transformed into facts if enough people believe them. | FALSE |
| **C** | California Condor re-introductions were carried out by a partnership between the USFWS and the \_\_\_\_\_\_\_. | Peregrine Fund |
| **C** | California Condors vanished from the wild in California in about \_\_\_\_\_\_\_. | 1987 |
| **C** | California was the first state to have \_\_\_\_\_\_\_. | a wildlife commission |
| **C** | CARA has been advanced as a superior method for funding the initiative \_\_\_\_\_\_\_. | Teaming with Wildlife |
| **C** | CARA was passed by \_\_\_\_\_\_\_ in the summer of 2001. | House of Representatives |
| **C** | Compound 1080 was a deadly poison used primarily for killing \_\_\_\_\_\_\_. | coyotes |
| **C** | Currently Mourning Doves are hunted legally in \_\_\_\_\_\_\_ states. | 39 |
| **D** | Dr. Julie Savidge concluded that \_\_\_\_\_\_\_ was the cause of declines of forest bird populations on Guam. | brown-tree snake predation |
| **D** | During the campaign for the net ban the supporters of the ban accused the \_\_\_\_\_\_\_ of "nonfeasance" | MFC |
| **E** | Each year wild horses and burros are removed from the wild and \_\_\_\_\_\_\_. | put up for adoption |
| **E** | Economically well-developed countries are called \_\_\_\_\_\_\_. | MDCs |
| **F** | Following passage of the Clean Water Act in the early 1970s, several species of water birds have returned to \_\_\_\_\_\_\_. | New York Harbor |
| **F** | Following the passage of the net ban amendment in Florida, some commercial fishers tried to use \_\_\_\_\_\_\_ to catch fish. | tarps |
| **F** | For every $0.75 contributed by the Pittman-Robertson Act, the state agency must contribute $\_\_\_\_\_\_\_. | 0.25 |
| **G** | Game Species are those that are hunted \_\_\_\_\_\_\_. | for sport |
| **G** | Game species may become non-game species \_\_\_\_\_\_\_. | when they become rare |
| **H** | Habitat may be defined in terms of \_\_\_\_\_\_\_. | dominant vegetation, soil, and species of interest |
| **H** | Hand puppets are used to feed baby Whooping Crane chicks \_\_\_\_\_\_\_. | so they do not become imprinted on humans. |
| **H** | Historically, most of the revenue generated for wildlife management has come from \_\_\_\_\_\_\_. | hunters |
| **H** | Historically, wildlife managers have focused on making \_\_\_\_\_\_\_ happy. | hunters |
| **I** | In the Pacific northwest is needed to protect populations of Northern Spotted Owls. | Old Growth forest |
| **I** | Is a hallmark of propaganda. | Beau-Geste effect, oversimplification, and fear-mongering |
| **I** | Is a western state in the lower 48 that has no wild horses. | Washington |
| **I** | Is not a method used by states for funding non-game wildlife conservation and research. | the penny a pound crop tax |
| **I** | Is the animal rights group leading the fight against using compound 1080. | Animal Protection Institute |
| **I** | Is the animal rights group that opposes any use of animals by humans. | PeTA |
| **I** | Is the first step in the scientific method. | observation |
| **I** | Is the most widely used type of non-toxic shotgun shell shot according to the Alaska Department of Fish and Game. | steel |
| **I** | Is the state where a tax on soft drink cans was used to fund non-game wildlife research. | Missouri |
| **I** | Is the state with the largest number of wild burros. | Arizona |
| **I** | In 1970, some Boy Scouts found 2 dozen dead \_\_\_\_\_\_\_ that were killed by exposure to thallium. | bald and golden eagles |
| **I** | In 1985-1986 the division called Animal Damage Control was transferred to the US Department of \_\_\_\_\_\_\_. | Agriculture |
| **I** | In 1994 the Florida DEP became concerned about the high number of deaths of \_\_\_\_\_\_\_. | manatees |
| **I** | In 1994, the \_\_\_\_\_\_\_ imposed a moratorium on hunting black bears in Florida. | GFC |
| **I** | In 1996 Congress placed the NBS under the \_\_\_\_\_\_\_. | USGS |
| **I** | In 1996, six California Condors were released in the state of \_\_\_\_\_\_\_. | Arizona |
| **I** | In 2002 \_\_\_\_\_\_\_ reversed the decision to ban recreational snow-mobiling in National Parks. | Bush |
| **I** | In 2002 both houses of the US congress had bills before them that would ban \_\_\_\_\_\_\_. | canned hunts |
| **I** | In arguing issues, any statements that re made must be \_\_\_\_\_\_\_. | none of these (supported by hard data, absolutely true, approved by appropriate agencies even if untrue). |
| **I** | In general, when it comes to resolving wildlife issues, the \_\_\_\_\_\_\_ is the most powerful force in America. | public |
| **I** | In order for the public to effectively resolve wildlife issues they must first \_\_\_\_\_\_\_. | be concerned about the issue |
| **I** | In order to nest successfully, Kirtland's Warblers require \_\_\_\_\_\_\_ trees with a dense understory. | jack pine |
| **I** | In order to protect the Mule Deer on the Kaibab Plateau, 30 wolves and more than 700 mountain lions were killed, and \_\_\_\_\_\_\_. | deer hunting was banned |
| **I** | In practice, \_\_\_\_\_\_\_ may determine wildlife management practices. | politics, convenience, and economics |
| **I** | In South America Swainson's Hawks were killed after they ingested \_\_\_\_\_\_\_ poisoned by monocrotophos. | grasshoppers |
| **I** | In the 1990s snow-mobiling was banned in Denali National Park by the \_\_\_\_\_\_\_. | National Park Service |
| **I** | In the early 1900s, many people in the US supported the extermination of wolves in \_\_\_\_\_\_\_ National Park. | Yellowstone |
| **I** | In the early part of the 20th century, wildlife's released numerous non indigenous species for hunting because \_\_\_\_\_\_\_. | native game species were so reduced by market hunters |
| **I** | In the late 19th century, the office of Economic Ornithology and Mammalogy spent most of its efforts on \_\_\_\_\_\_\_. | predator control |
| **I** | In the late 1800s wading birds in Florida (mostly egrets) were being killed for \_\_\_\_\_\_\_. | the fashion industry |
| **I** | In the summer of 2002 there were several forest fires in \_\_\_\_\_\_\_, which could not have been the result of US Forest Service practices. | China |
| **I** | In the year 2000, wild burros occurred in \_\_\_\_\_\_\_ western states. | 5 |
| **I** | Issues involving rare and endangered species generally fall under the US Department of \_\_\_\_\_\_\_. | Interior |
| **I** | Issues involving **species of wildlife** that have become pests are generally under the Department of \_\_\_\_\_\_\_. | Agriculture |
| **I** | In most issues the majority of people have a strong opinion. | FALSE |
| **I** | It is really not important who decides what is actually scientific and what is pseudoscientific. | FALSE |
| **K** | Kirtland's Warbler currently nests almost exclusively in the state of \_\_\_\_\_\_\_. | Michigan |
| **K** | Kirtland's Warblers build their nests \_\_\_\_\_\_\_. | on the ground |
| **M** | Management efforts on the Kaibab Plateau were aimed mostly at pleasing \_\_\_\_\_\_\_. | the public |
| **M** | Management practices that aided the brown-headed cowbird are associated with the decline of the \_\_\_\_\_\_\_. | wood thrush |
| **M** | Market hunters once sold \_\_\_\_\_\_\_ for a dime a dozen in New York meat markets. | Passenger Pigeons |
| **M** | Most of the so-called upland birds belong to the order \_\_\_\_\_\_\_. | Galliformes |
| **N** | National Park was the first National Park in the US. | Yellowstone |
| **O** | Of the following, \_\_\_\_\_\_\_ is not considered a component of habitat according to the traditional wildlife definition of habitat. | potential comptetitors |
| **O** | Once the net ban was imposed in Florida , governor Lawton Chiles threatened to enforce it by \_\_\_\_\_\_\_. | calling out the National Guard |
| **O** | One native species that has been negatively impacted by wild burros is the \_\_\_\_\_\_\_. | desert bighorn |
| **O** | One proposed way to kill non indigenous Mute Swans is to pour \_\_\_\_\_\_\_ on the eggs. | bleach |
| **O** | One reason that propaganda is so effective is that it is \_\_\_\_\_\_\_. | easy to believe |
| **P** | President \_\_\_\_\_\_\_ called for a ban on all recreational snowmobiling in all National Parks. | Clinton |
| **P** | Propaganda is used to \_\_\_\_\_\_\_. | gain support from the masses |
| **P** | Public land grazers in the western states are no longer as powerful as they once were because of \_\_\_\_\_\_\_. | increased public awareness |
| **P** | Punt guns were commonly used for commercially harvesting \_\_\_\_\_\_\_. | waterfowl |
| **P** | Pittman Robertson money is only used legally for game species. | FALSE |
| **P** | Pittman-Robertson is never used legally for habitat management. | FALSE |
| **P** | Propaganda does not necessarily involve the use of lies. | TRUE |
| **P** | Public input is very important in LDCs. | FALSE |
| **R** | Recently monocrotophos was implicated in the poisoning deaths of Swainson's Hawks in \_\_\_\_\_\_\_. | Argentina |
| **R** | Recently the National Park service banned \_\_\_\_\_\_\_ in Denali National Park. | snow-mobiling |
| **R** | Rhode Island was the first state to close the hunting season on \_\_\_\_\_\_\_. | white-tailed deer |
| **R** | Ring-necked Pheasants were introduced to the US from \_\_\_\_\_\_\_. | Asia |
| **S** | Science is presumably \_\_\_\_\_\_\_% based on facts. | 100 |
| **S** | Scientists are presently re-introducing whooping cranes to \_\_\_\_\_\_\_. | Florida |
| **S** | Some citizens of the state of \_\_\_\_\_\_\_ sued to halt the season on Mourning Doves in 2001. | Wisconsin |
| **S** | Some of the California Condors released in the 1990s were later killed by \_\_\_\_\_\_\_. | lead poisoning |
| **S** | Species in the \_\_\_\_\_\_\_ group are not considered game birds. | Passeriformes |
| **S** | Sometimes the absence of human intervention can be considered a wildlife management practice. | TRUE |
| **T** | The pro-boating group in Florida is made up exclusively of boat owners. | FALSE |
| **T** | The waterfowl management act passed in 1913 was later repealed. | TRUE |
| **T** | The \_\_\_\_\_\_\_ Act was the law that ultimately stopped the trade in wading bird feathers from Florida by banning interstate commerce in wildlife products taken illegally. | Lacey |
| **T** | The \_\_\_\_\_\_\_ Act, enacted in 1913, focused on migratory waterfowl management. | Weeks-McLean |
| **T** | The \_\_\_\_\_\_\_ formed as an offshoot of an anti-hunting group in England. | ALF |
| **T** | The \_\_\_\_\_\_\_ is a brood parasite that attacks the nests of Kirtland's Warblers. | brown-headed cowbird |
| **T** | The \_\_\_\_\_\_\_ is an agency under the Department of Interior. | FWS |
| **T** | The \_\_\_\_\_\_\_ is an example of a non-game wading bird. | green-backed heron |
| **T** | The \_\_\_\_\_\_\_ is an example of a southeastern US game bird that, due to the effects of fire ants and habitat loss, is declining. | bobwhite |
| **T** | The "Theory of Acquired Characteristics" was first advanced by \_\_\_\_\_\_\_. | Lamarck |
| **T** | The Bison were saved by a coalition of nature lovers and \_\_\_\_\_\_\_. | sport hunters |
| **T** | The Endangered Species Act was passed in \_\_\_\_\_\_\_. | 1973 |
| **T** | The first Ring-necked Pheasant introductions to the US were made to the state of \_\_\_\_\_\_\_. | Oregon |
| **T** | The FWC was officially formed by the \_\_\_\_\_\_\_. | Wildlife Unification amendment |
| **T** | The Great Auk was a seabird that was exterminated in part by \_\_\_\_\_\_\_. | human harvest of their eggs |
| **T** | The Humane Society for the US is \_\_\_\_\_\_\_. | anti-hunting |
| **T** | The Kirtland's Warblers winter in \_\_\_\_\_\_\_. | the Bahamas |
| **T** | The largest number of wild horses occurs in the state of \_\_\_\_\_\_\_. | Nevada |
| **T** | The legislation known as CARA would provide funds for wildlife research and conservation from revenues generated by oil and gas reserves \_\_\_\_\_\_\_. | on the outer continental shelf |
| **T** | The main problem with the various mechanisms for funding non-game wildlife research that are in place today is that they are \_\_\_\_\_\_\_. | unpredictable |
| **T** | The main produce that forms from the bile of bears is \_\_\_\_\_\_\_. | UDCA |
| **T** | The majority of vertebrate species in Florida and Colorado are properly classified as \_\_\_\_\_\_\_ species. | non-game |
| **T** | The Mute Swan population in Massachusetts is derived from individuals introduced from \_\_\_\_\_\_\_. | Europe |
| **T** | The National Audubon Society of today is an offshoot of the \_\_\_\_\_\_\_ state Audubon Society. | Massachussets |
| **T** | The NBS was renamed the \_\_\_\_\_\_\_ in 1996. | BRD |
| **T** | The net ban campaign relied heavily on the use of \_\_\_\_\_\_\_. | photographs of dead wildlife. |
| **T** | The Office of Economic Ornithology and Mammalogy was established in \_\_\_\_\_\_\_. | 1885 |
| **T** | The original Biological Survey was under the Department of \_\_\_\_\_\_\_. | Agriculture |
| **T** | The original Office of Economic Ornithology and Mammalogy was later renamed the \_\_\_\_\_\_\_. | Bureau Biological Survey |
| **T** | The passage of the Clean Water Act in the early 1970s led to the return of the mummichog to New York Harbor, which benefitted \_\_\_\_\_\_\_. | certain water birds |
| **T** | The Pittman-Robertson Act levied a 10% tax on \_\_\_\_\_\_\_. | firearms and ammunition |
| **T** | The situation where individuals in a group try to bluff those in another group into thinking they have superior numbers is called a \_\_\_\_\_\_\_ effect. | Beau-Geste |
| **T** | The so-called \_\_\_\_\_\_\_ in Guither's vernacular support animal welfare. | Reformists |
| **T** | The so-called Federal-Aid-in-Wildlife Act of 1937 is also known as the \_\_\_\_\_\_\_ Act. | Pittman-Robertson |
| **T** | The US Forest Service is an agency under the Department of \_\_\_\_\_\_\_. | Agriculture |
| **T** | The use of poisons for predator control was banned on all federal lands by President \_\_\_\_\_\_\_. | Nixon |
| **T** | The use of surrogate mothers was an unsuccessful management practice used in the recovery of the \_\_\_\_\_\_\_. | Whooping Crane |
| **T** | The USFWS was formed by combining the Bureau of Biological Survey with the \_\_\_\_\_\_\_. | Bureau of Fisheries |
| **T** | The waterfowl belong to the taxonomic order \_\_\_\_\_\_\_. | Anseriformes |
| **T** | The whole motivation for protecting wild horses and burros began when the state of \_\_\_\_\_\_\_ suggested that hunters should shoot horses and burros for sport. | California |
| **T** | The Wild Free-Roaming Horse and Burro Act was passed to protect and manage horses and burros \_\_\_\_\_\_\_. | on public rangelands |
| **T** | The Wildlife Unification Amendment merged the GFC with the \_\_\_\_\_\_\_. | MFC |
| **T** | The Wisconsin Department of National Resources wants to kill introduced Mute Swans as they are thought to threaten native \_\_\_\_\_\_\_. | Trumpeter Swans |
| **T** | Then Secretary of Interior Bruce Babbitt told people in New Mexico that \_\_\_\_\_\_\_ were "here to stay" even though someone had shot some of the introduced individuals. | Mexican Wolves |
| **U** | Under the reign of William the Conqueror, the penalty for killing one of the King's deer was \_\_\_\_\_\_\_. | blinding |
| **W** | Was a popular English pastime that was outlawed by the Parliament in 1582. | bear-baiting |
| **W** | Was not one of the explanations advanced by Jenkins to explain declines of Guam's forest birds. | global warming |
| **W** | Was the first state to have paid game wardens. | Maine |
| **W** | Was the poison used in Colorado to kill bears. | thallium |
| **W** | Was the Soviet geneticist who argued **against** the idea that wheat could be made cold tolerant simply by exposing randomly chosen plants to cold temperatures with no regard for natural cold tolerance. | Vavilov |
| **W** | Was the Soviet geneticist who argued that cold tolerant wheat could be raised simply by exposing randomly chosen whet seeds to low temperatures. | Lysenko |
| **W** | Were sea birds related to puffins. | Great Auks |
| **W** | Were the most vigorous supporters of the net ban campaign in Florida. | recreational fishers |
| **W** | Wildlife issues or other environmental issues should be resolved based on public opinion as the majority is never wrong. | FALSE |
| **W** | When campaigning for a certain cause it is important to win whenever possible in order to \_\_\_\_\_\_\_. | generate positive propaganda |
| **W** | When population sizes are not changing they are at \_\_\_\_\_\_\_. | equilibrium |
| **W** | When the use of Greater Sandhill Cranes as surrogate mothers failed as a conservation measure for Whooping Cranes, scientists turned to \_\_\_\_\_\_\_. | captive breeding |
| **W** | When two sides differ greatly in how much power they have, issues are resolved with \_\_\_\_\_\_\_. | little compromise |
| **W** | Which of the following groups has a name that is itself propaganda? | Wise Use |
| **W** | Which of the following would not be considered a wildlife management practice? | rain |
| **W** | Wild horses and burros are managed by the \_\_\_\_\_\_\_. | BLM |
| **W** | Wild horses presently occur in \_\_\_\_\_\_\_ western states. | 10 |
| **W** | Wildlife management practices that favor one species \_\_\_\_\_\_\_. | may harm another |

# **LECTURE GUIDE 1**

|  |  |  |
| --- | --- | --- |
| **A** | According to a recent report from the Australian Department of Sustainability, Environment, Water, Population, and Communities, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ species of kangaroos are now (2017) harvested commercially. | 4 |
| **A** | A live test for Chronic Wasting Disease was first available in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | 2017 |
| **A** | A test for bewitchment was to feed a witch cake was fed to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | a dog |
| **A** | According to Matossian, the symptoms of bewitchment during the Salem Witchcraft Affair, were likely due to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | ergot poisoning |
| **A** | Are an example of bivalve species that is harvested recreationally in Florida. | Scallops |
| **B** | Black-tailed Prairie Dogs are one of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ species of prairie dogs in North America. | 4 |
| **C** | Chronic Wasting Disease was first observed in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | Colorado |
| **C** | Chronic Wasting Disease is caused by small proteinaceous particles called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | prions |
| **C** | Cells lack an organized nucleus and membrane bound organelles. | Prokaryotic |
| **C** | Chronic Wasting Disease is a type of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | TSE |
| **E** | Ergot is a fungus that grows chiefly on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plants. | rye |
| **F** | Florida Wildlife Commissioners set the limit on the 2015 bear hunt at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | 320 |
| **G** | Gray wolves currently occur extensively in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ region of Michigan. | upper peninsula |
| **H** | Hargrove's experiment was done in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | experimental ponds |
| **H** | Hargrove did an experiment to see if bed-fishing affected \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | recruit number |
| **I** | In the 2015 bear hunt in Florida, hunters were not allowed to kill any bear that weighed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pounds. | <100 |
| **I** | In the current version of the ESA (Endangered Species Act) there are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ priority levels for candidate species. | 12 |
| **I** | In the hunt held in 2015 hunters in Florida killed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ bears. | 304 |
| **I** | In the 1990s the state of Florida passed a law banning certain types of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | commercial netting |
| **I** | In an experiment such as Hargrove's the two hypotheses must be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | mutually exclusive |
| **I** | Intracellular digestion is a characteristic of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | sponges |
| **I** | In April 2017 the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ declined to list the Florida Black Bear as Threatened. | USFWS |
| **I** | In the Hargrove experiment there were more recruits. | year 1 |
| **I** | In the Hargrove experiment there were more nests located in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | year 2 |
| **O** | Of the following are not a characteristic of sponges. | Nematocysts |
| **O** | Of the following has not signed on to CITES. | Western Sahara |
| **P** | People started noticing Devil Facial Tumor Disease in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | 1996 |
| **P** | People started noticing Devil Facial Tumor Disease in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | 1996 |
| **P** | Pterobranches are sessile species that filter feed and along with the Acorn Worms belong to the phylum \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | Hemichordata |
| **T** | The department of the interior de-listed the gray wolf in the western Great Lakes region in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | 2007 |
| **T** | The bear hunt in Florida in 2015 generated $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from licenses. | 388000 |
| **T** | The US Forest Service is an agency in the US Department of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | Agriculture |
| **T** | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ lamprey of the following is not parasitic. | American Brook |
| **T** | The Irukandji are highly venomous species of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | jellyfish |
| **T** | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the acellular layer between the gastrodermis and epidermis tissue layers of Cnidarians. | mesoglea |
| **T** | The state of Florida (GFC) banned black bear hunting in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | mid-1990s |
| **T** | The Wildlife Conversations Society asked some Australian ecologists to help manage \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | Mongolian gazelles |
| **T** | The organism that causes elephantiasis belongs to the Phylum \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | Nematoda |
| **T** | The Black-footed ferret feeds almost exclusively on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | prairie dogs |
| **T** | The body segments of tape worms are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | proglottids |
| **T** | The Red Mist Society is an organization that likes to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ prairie dogs. | shoot |
| **T** | The film entitled Storm Warning deals with the population of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | snow geese |
| **T** | The flukes are parasites that belong to the class \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | Trematoda |
| **T** | The situation where your statistical test says there is an effect when in reality there is not one, is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | Type I |
| **T** | The situation when your statistical test says there is not an effect when in reality there is one, is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | Type II |
| **T** | The USDA agency \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ was once known as Animal Damage Control. | Wildlife Services, Biological Resources Division |
| **W** | Were introduced onto Macquarie Island as a food source for sealers. | rabbits |