

WILDLIFE

1. The wildlife event will consist of three parts: Identification of bird and mammal species (50%), aging and sexing of selected birds and animal species (25%) and identification of food plants (25%). Scientific names for wildlife food plants must be correctly spelled, capitalized and underlined.
2. Each competing member club shall enter two (2) contestants.
3. Each team will have two (2) minutes to jointly identify each specimen or give other requested information such as sex or age.
4. All specimens used in the contest will come from the enclosed lists. Mammal specimens may consist of skulls, study skins or entire specimens. Plant specimens may consist of fresh material, herbarium sheets, Riker mounts or 35mm color slides.
5. Common names only will be required for mammal and bird specimens, while common and scientific names will be required for plant specimens. Common names found in the book used as the standard for the event shall be used.
6. Contestants may be required to sex white-tailed deer by pelvic girdle and assign age at exact 6-month age classes (1, 1.5, 2, 2.5 years) up to and including age 2.5 and at whole year intervals (3.5, 4.5, etc. years) thereafter by jaw examination. **Amended March 21, 1996.** Contestants may be required to sex bird species in the list designated by descriptive wording, also from wing examination. In the case of the mourning dove, only age will be required.
7. Contestants may also be required to give the wildlife species primarily utilizing the food plants as designated in the enclosed list.
8. In case of a tie, the contest will continue between tying teams until one is eliminated.
9. All mammals, with the exception of the domesticated cat, are described in The Mammals of North America, 1981, 2nd edition, by E. Raymond Hall. The A.O.U. Checklist of North American Birds, 6th edition, American Ornithologists Union of the 1982 Supplement to the A.U.K. Techniques are the official sources for the names of birds. Techniques for aging and sexing may be found in: Wildlife Management Techniques, 1980, 4th edition, edited by S.D. Schemnitz. The official source for the plant names shall be: Manual of the Vascular Flora of the Carolinas, 1983, 9th edition, by A.E. Radford, H.E. Ahles, and C.R. Bell.
10. Each contestant will be allowed to use a 10X hand lens in the wildlife exam and nothing else.
11. The stations must be at least five (5') feet apart.
12. If a species name shows up on the dendrology, wildlife or wood identification lists, they will all have the same common name.

SUGGESTIONS FOR JUDGES COMMITTEE: WILDLIFE

1. Prior to the contest gather all contestants at least 30 minutes before the event is scheduled to start; record the contestants' names at this time (Please print clearly).
2. Read the rules to the contestants. Settle any questions or problems now if at all possible.
3. Ask all contestants if they have any objections to the wildlife list.
4. Run the contest in the fashion that best suits you. Try to complete it as quickly as possible.
5. Grading of test sheets will **not** be done while contestants are present. Therefore, to avoid having to locate tied contestants, provide the contestants with 3 to 5 additional test questions/specimens.. Check for ties in first, second and third places. Only these three places must be resolved by runoff. Use the first question/specimen to separate the tie. If a tie still exists after the first tie breaker question/specimen, use the second one; hopefully 3 to 5 tie-breaker questions/specimens will suffice.
6. Be careful in checking the spelling of each name given on the answer sheets. Spelling errors on scientific names count ½ off of the credit for that portion of the answer.
7. Be sure to have head judge sign the scoresheet and indicate the time that the event ended.
8. Be sure to turn in the completed scoresheet to the head scorekeeper.

DO NOT ANNOUNCE

***NAMES OF WINNERS
to***

ANYONE!

BIRD SPECIES

Order: Gaviiformes

Family: Gaviidae

Gavia immer

common loon

Order: Podicipediformes

Family: Podicipedidae

Podilymbus podiceps

pied-billed grebe

Order: Pelecaniformes

Family: Pelecanidae

Pelecanus erythrorhynchos

American white pelican

Pelecanus occidentalis

brown pelican

Family: Phalacrocoracidae

Phalacrocorax auritus

double-crested cormorant

Order: Ciconiiformes

Family: Ardeidae

Ardea herodias

great blue heron

Ardea alba

great egret

Egretta thula

snowy egret

Egretta caerulea

little blue heron

Bubulcus ibis

cattle egret

Butorides virescens

green heron

Nycticorax nycticorax

black-crowned night-heron

Nyctanassa violacea

yellow-crowned night-heron

Family:

Coragyps atratus

Cathartidae

black vulture

Cathartes aura

turkey vulture

Family:

Mycteria americana

Ciconiidae

wood stork

Family:

Eudocimus albus

Threskiornithidae

white ibis

Plegadis falcinellus

glossy ibis

Plegadis chihi

white-faced ibis

Order: Anseriformes

Family: Anatidae

Subfamily: Dendrocygninae

Dendrocygna autumnalis

black-bellied whistling-duck

Dendrocygna bicolor

fulvous whistling-duck

Subfamily: Anserinae

Anser albifrons

greater white-fronted goose

Chen caerulescens

snow goose

Branta canadensis

Canada goose

Cygnus buccinator

trumpeter swan

Cygnus columbianus

tundra swan

Subfamily: Anatinae

Aix sponsa

wood duck

Anas acuta

northern pintail

	<u>Anas americana</u>	American wigeon
	<u>Anas clypeata</u>	northern shoveler
	<u>Anas crecca</u>	green-winged teal
	<u>Anas discors</u>	blue-winged teal
	<u>Anas fulvigula</u>	mottled duck
	<u>Anas platyrhynchos</u>	mallard
	<u>Anas rubripes</u>	American black duck
	<u>Anas strepera</u>	gadwall
	<u>Aythya americana</u>	redhead
	<u>Aythya affinis</u>	lesser scaup
	<u>Aythya collaris</u>	ring-necked duck
	<u>Aythya marila</u>	greater scaup
	<u>Aythya valisineria</u>	canvasback
	<u>Bucephala albeola</u>	bufflehead
	<u>Bucephala clangula</u>	common goldeneye
	<u>Lophodytes cucullatus</u>	hooded merganser
	<u>Mergus merganser</u>	common merganser
	<u>Mergus serrator</u>	red-breasted merganser
	<u>Oxyura jamaicensis</u>	ruddy duck
Order:	<i>Charadriiformes</i>	
Family:	<i>Charadriidae</i>	
	<u>Charadrius vociferus</u>	killdeer
	<u>Charadrius melodus</u>	pipit plover
Family:	<i>Laridae</i>	
	<u>Larus argentatus</u>	herring gull
	<u>Larus atricilla</u>	laughing gull
	<u>Larus delawarensis</u>	ring-billed gull
	<u>Rynchops niger</u>	black skimmer
	<u>Sterna antillarum</u>	least tern
	<u>Sterna hirundo</u>	common tern
	<u>Sterna sandvicensis</u>	sandwich tern
Family:	<i>Scolopacidae</i>	
	<u>Gallinago gallinago</u>	Wilson's snipe
	<u>Scolopax minor</u>	American woodcock
Order:	<i>Columbiformes</i>	
Family:	<i>Columbidae</i>	
	<u>Zenaidura macroura</u>	mourning dove
	<u>Columbina passerina</u>	common ground-dove
	<u>Streptopelia decaocto</u>	Eurasian collared-dove
Order:	<i>Cuculiformes</i>	
Family:	<i>Cuculidae</i>	
	<u>Coccyzus americanus</u>	yellow-billed cuckoo
Order:	<i>Falconiformes</i>	
Family:	<i>Accipitridae</i>	
	<u>Pandion haliaetus</u>	osprey
	<u>Accipiter striatus</u>	sharp-shinned hawk
	<u>Accipiter cooperii</u>	Cooper's hawk
	<u>Aquila chrysaetos</u>	golden eagle

	<u>Buteo jamaicensis</u>	red-tailed hawk
	<u>Buteo lineatus</u>	red-shouldered hawk
	<u>Buteo platypterus</u>	broad-winged hawk
	<u>Circus cyaneus</u>	northern harrier
	<u>Elanoides forficatus</u>	swallow-tailed kite
	<u>Ictinia mississippiensis</u>	Mississippi kite
	<u>Haliaeetus leucocephalus</u>	bald eagle
Family:	Falconidae	
	<u>Caracara cheriway</u>	crested caracara
	<u>Falco columbarius</u>	merlin
	<u>Falco peregrinus</u>	peregrine falcon
	<u>Falco sparverius</u>	American kestrel
Order:	Galliformes	
Family:	Cracidae	
	<u>Ortalis vetula</u>	plain chachalaca
Family:	Phasianidae	
	<u>Bonasa umbellus</u>	ruffed grouse
	<u>Tympanuchus cupido</u>	greater prairie-chicken
	<u>Tympanuchus pallidicinctus</u>	lesser prairie-chicken
	<u>Meleagris gallopavo</u>	wild turkey
Family:	Odontophoridae	
	<u>Colinus virginianus</u>	northern bobwhite
Order:	Gruiformes	
Family:	Rallidae	
	<u>Coturnicops noveboracensis</u>	yellow rail
	<u>Laterallus jamaicensis</u>	black rail
	<u>Rallus longirostris</u>	clapper rail
	<u>Rallus limicola</u>	Virginia rail
	<u>Porzana carolina</u>	sora
	<u>Gallinula chloropus</u>	common moorhen
	<u>Porphyrio martinica</u>	purple gallinule
Family:	Gruidae	
	<u>Grus americana</u>	whooping crane
	<u>Grus canadensis</u>	sandhill crane
Order:	Strigiformes	
Family:	Tytonidae	
	<u>Tyto alba</u>	barn owl
Family:	Strigidae	
	<u>Megascops asio</u>	eastern screech-owl
	<u>Strix varia</u>	barred owl
	<u>Bubo virginianus</u>	great-horned owl
	<u>Aegolius acadicus</u>	northern saw-whet owl
Order:	Caprimulgiformes	
Family:	Caprimulgidae	
	<u>Chordeiles minor</u>	common nighthawk
	<u>Caprimulgus carolinensis</u>	chuck-will's-widow
	<u>Caprimulgus vociferus</u>	whip-poor-will

Order:	<i>Apodiformes</i>	
Family:	<i>Apodidae</i>	
	<u>Chaetura pelagica</u>	chimney swift
Family:	<i>Trochilidae</i>	
	<u>Archilochus colubris</u>	ruby-throated hummingbird
Order:	<i>Coraciiformes</i>	
Family:	<i>Alcedinidae</i>	
	<u>Ceryle alcyon</u>	belted kingfisher
Order:	<i>Piciformes</i>	
Family:	<i>Picidae</i>	
	<u>Melanerpes erythrocephalus</u>	red-headed woodpecker
	<u>Melanerpes carolinus</u>	red-bellied woodpecker
	<u>Sphyrapicus varius</u>	yellow-bellied sapsucker
	<u>Picoides villosus</u>	hairy woodpecker
	<u>Picoides borealis</u>	red-cockaded woodpecker
	<u>Colaptes auratus</u>	northern flicker
	<u>Dryocopus pileatus</u>	pileated woodpecker
	<u>Campephilus principalis</u>	ivory-billed woodpecker
Order:	<i>Passeriformes</i>	
Family:	<i>Tyrannidae</i>	
	<u>Sayornis phoebe</u>	eastern phoebe
	<u>Myiarchus crinitus</u>	great crested flycatcher
	<u>Tyrannus tyrannus</u>	eastern kingbird
Family:	<i>Hirundinidae</i>	
	<u>Progne subis</u>	purple martin
	<u>Tachycineta bicolor</u>	tree swallow
	<u>Hirundo rustica</u>	barn swallow
Family:	<i>Corvidae</i>	
	<u>Cyanocitta cristata</u>	blue jay
	<u>Corvus brachyrhynchos</u>	American crow
Family:	<i>Paridae</i>	
	<u>Poecile carolinensis</u>	Carolina chickadee
	<u>Baeolophus bicolor</u>	tufted titmouse
Family:	<i>Sittidae</i>	
	<u>Sitta carolinensis</u>	white-breasted nuthatch
	<u>Sitta pusilla</u>	brown-headed nuthatch
Family:	<i>Certhiidae</i>	
	<u>Certhia americana</u>	brown creeper
Family:	<i>Troglodytidae</i>	
	<u>Thryothorus ludovicianus</u>	Carolina wren
	<u>Troglodytes aedon</u>	house wren
Family:	<i>Turdidae</i>	
	<u>Sialia sialis</u>	eastern bluebird
	<u>Turdus migratorius</u>	American robin
	<u>Hylocichla mustelina</u>	wood thrush
Family:	<i>Regulidae</i>	
	<u>Regulus calendula</u>	ruby-crowned kinglet

Family:	Sylviidae	
	<u>Polioptila caerulea</u>	blue-gray gnatcatcher
Family:	Mimidae	
	<u>Dumetella carolinensis</u>	gray catbird
	<u>Mimus polyglottos</u>	northern mockingbird
	<u>Toxostoma rufum</u>	brown thrasher
Family:	Bombycillidae	
	<u>Bombycilla cedrorum</u>	cedar waxwing
Family:	Laniidae	
	<u>Lanius ludovicianus</u>	loggerhead shrike
Family:	Sturnidae	
	<u>Sturnus vulgaris</u>	European starling
Family:	Vireonidae	
	<u>Vireo griseus</u>	white-eyed vireo
	<u>Vireo flavifrons</u>	yellow-throated vireo
	<u>Vireo olivaceus</u>	red-eyed vireo
Family:	Parulidae	
	<u>Vermivora chrysoptera</u>	golden-winged warbler
	<u>Vermivora pinus</u>	blue-winged warbler
	<u>Vermivora bachmanii</u>	Bachman's warbler
	<u>Parula americana</u>	northern parula
	<u>Dendroica cerulea</u>	cerulean warbler
	<u>Dendroica coronata</u>	yellow-rumped warbler
	<u>Dendroica dominica</u>	yellow-throated warbler
	<u>Dendroica pinus</u>	pine warbler
	<u>Mniotilta varia</u>	black-and-white warbler
	<u>Setophaga ruticilla</u>	American redstart
	<u>Protonotaria citrea</u>	prothonotary warbler
	<u>Geothlypis trichas</u>	common yellowthroat
	<u>Icteria virens</u>	yellow-breasted chat
Family:	Thraupidae	
	<u>Piranga rubra</u>	summer tanager
	<u>Piranga olivacea</u>	scarlet tanager
Family:	Cardinalidae	
	<u>Cardinalis cardinalis</u>	northern cardinal
	<u>Passerina caerulea</u>	blue grosbeak
	<u>Passerina cyanea</u>	indigo bunting
	<u>Passerina ciris</u>	painted bunting
	<u>Spiza americana</u>	dickcissel
Family:	Emberizidae	
	<u>Pipilo erythrophthalmus</u>	eastern towhee
	<u>Ammodramus henslowii</u>	Henslow's sparrow
	<u>Aimophila aestivalis</u>	Bachman's sparrow
	<u>Spizella passerina</u>	chipping sparrow
	<u>Spizella pusilla</u>	field sparrow
	<u>Passerella iliaca</u>	fox sparrow
	<u>Melospiza melodia</u>	song sparrow
	<u>Zonotrichia albicollis</u>	white-throated sparrow
	<u>Zonotrichia leucophrys</u>	white-crowned sparrow
	<u>Junco hyemalis</u>	dark-eyed junco

Family:	Icteridae	
	<u>Dolichonyx oryzivorus</u>	bobolink
	<u>Agelaius phoeniceus</u>	red-winged blackbird
	<u>Sturnella magna</u>	eastern meadowlark
	<u>Quiscalus quiscula</u>	common grackle
	<u>Quiscalus major</u>	boat-tailed grackle
	<u>Molothrus ater</u>	brown-headed cowbird
	<u>Icterus spurius</u>	orchard oriole
	<u>Icterus galbula</u>	Baltimore oriole

MAMMAL SPECIES

Order:	<i>Didelphimorphia</i>	
Family:	<i>Didelphidae</i>	
	<u>Didelphis virginiana</u>	Virginia opossum
Order:	<i>Insectivora</i>	
Family:	<i>Soricidae</i>	
	<u>Blarina brevicauda</u>	northern short-tailed shrew
	<u>Cryptotis parva</u>	least shrew
	<u>Sorex palustris</u>	water shrew
Order:	<i>Insectivora</i>	
	Family: <i>Talpidae</i>	
	<u>Condylura cristata</u>	star-nosed mole
Order:	<i>Chiroptera</i>	
Family:	<i>Vespertilionidae</i>	
	<u>Eptesicus fuscus</u>	big brown bat
	<u>Lasiurus borealis</u>	eastern red bat
	<u>Lasiurus cinereus</u>	hoary bat
	<u>Myotis grisescens</u>	gray myotis
Order:	<i>Xenarthra</i>	
Family:	<i>Dasypodidae</i>	
	<u>Dasypus novemcinctus</u>	nine-banded armadillo
Order:	<i>Lagomorpha</i>	
Family:	<i>Leporidae</i>	
	<u>Sylvilagus aquaticus</u>	swamp rabbit
	<u>Sylvilagus floridanus</u>	eastern cottontail
	<u>Sylvilagus palustris</u>	marsh rabbit
	<u>Lepus californicus</u>	black-tailed jackrabbit
	<u>Lepus americanus</u>	snowshoe hare
Order:	<i>Rodentia</i>	
Family:	<i>Sciuridae</i>	
	<u>Glaucomys volans</u>	southern flying squirrel
	<u>Marmota monax</u>	woodchuck
	<u>Sciurus carolinensis</u>	eastern gray squirrel

	<u>Sciurus niger</u>	eastern fox squirrel
	<u>Tamias striatus</u>	eastern chipmunk
	<u>Tamiasciurus hudsonicus</u>	red squirrel
Family:	Castoridae	
	<u>Castor canadensis</u>	American beaver
Order:	Rodentia	
Family:	Muridae	
	<u>Neotoma magister</u>	Allegheny wood rat
	<u>Ochrotomys nuttalli</u>	golden mouse
	<u>Oryzomys palustris</u>	marsh rice rat
	<u>Peromyscus leucopus</u>	white-footed mouse
	<u>Peromyscus maniculatus</u>	deer mouse
	<u>Sigmodon hispidus</u>	hispid cotton rat
	<u>Clethrionomys gapperi</u>	southern red-backed vole
	<u>Synaptomys cooperi</u>	southern bog lemming
	<u>Microtus pennsylvanicus</u>	meadow vole
	<u>Ondatra zibethicus</u>	common muskrat
	<u>Mus musculus</u>	house mouse
	<u>Rattus norvegicus</u>	Norway rat
	<u>Rattus rattus</u>	black rat
Family:	Erethizontidae	
	<u>Erethizon dorsatum</u>	porcupine
Family:	Myocastoridae	
	<u>Myocastor coypus</u>	nutria
Order:	Carnivora	
Family:	Ursidae	
	<u>Ursus americanus</u>	American black bear
	<u>Ursus arctos</u>	brown bear
	<u>Ursus maritimus</u>	polar bear
Family:	Procyonidae	
	<u>Procyon lotor</u>	raccoon
Family:	Felidae	
	<u>Felis concolor</u>	mountain lion
	<u>Felis catus</u>	house cat
	<u>Lynx rufus</u>	bobcat
Family:	Canidae	
	<u>Canis latrans</u>	coyote
	<u>Canis familiaris</u>	domestic dog
	<u>Canis lupus</u>	gray wolf
	<u>Vulpes vulpes</u>	red fox
	<u>Urocyon cinereoargenteus</u>	gray fox

Family:	Mustelidae	
	<u>Lutra canadensis</u>	river otter
	<u>Mephitis mephitis</u>	striped skunk
	<u>Mustela frenata</u>	long-tailed weasel
	<u>Mustela vison</u>	mink
	<u>Mustela nivalis</u>	least weasel
	<u>Martes pennanti</u>	fisher
	<u>Taxidea taxus</u>	badger
	<u>Gulo gulo</u>	wolverine

Order: Artiodactyla

Family:	Cervidae	
	<u>Odocoileus virginianus</u>	white-tailed deer
	<u>Odocoileus hemionus</u>	mule deer
	<u>Cervus elaphus</u>	elk
	<u>Alces alces</u>	moose
	<u>Rangifer tarandus</u>	caribou
Family:	Antilocapridae	
	<u>Antilocapra americana</u>	pronghorn
Family:	Bovidae	
	<u>Bison bison</u>	bison
	<u>Bos taurus</u>	cow
	<u>Capra hircus</u>	domestic goat

	Order:	Perissodactyla
Family:	Equidae	
	<u>Equus caballus</u>	horse

WILDLIFE FOODS LIST

Deer Food Plants

Common Name

Alabama supplejack
American beautyberry
blackberry / dewberry
blueberry / huckleberry
dogwood
greenbrier
hawthorn
Japanese honeysuckle
oak
common persimmon
plum

Latin

Berchemia scandens
Callicarpa americana
Rubus spp.
Vaccinium spp.
Cornus spp.
Smilax spp.
Crataegus spp.
Lonicera japonica
Quercus spp.
Diospyros spp.
Prunus spp.

possumhaw
 water and black tupelo
 wild grape
 yellow-poplar
 American strawberry-bush
 trumpet-creeper
 vetch
 milk pea
 clover
 American beech
 honeylocust

Squirrel Food Plants

Common Name

American beech
 pecan / hickory
 pine
 oak
 Alabama supplejack
 common persimmon
 plum
 black cherry
 possumhaw
 red mulberry
 water and black tupelo
 wild grape
 dogwood
 eastern hop-hornbeam
 ironwood
 fungi
 black walnut
 yellow poplar
 maple
 Corn

Quail Food Plants

Common Name

partridge pea
 common ragweed
 beggar lice
 milk-pea
 butterfly pea
 3-seeded mercury
 lespedezas
 crotons
 vetch
 low panic grass
 millets
 grain sorghum
 blackberry / dewberry

Viburnum spp.
Nyssa spp.
Vitis spp.
Liriodendron tulipifera
Euonymus americanus
Campsis radicans
Vicia spp.
Galactia spp.
Trifolium spp.
Fagus grandifolia
Gleditsia triacanthos

Latin

Fagus grandifolia
Carya spp.
Pinus spp.
Quercus spp.
Berchemia scandens
Diospyros spp.
Prunus spp.
Prunus spp.
Viburnum spp.
Morus rubra
Nyssa spp.
Vitis spp.
Cornus spp.
Ostrya spp.
Carpinus spp.

Juglans nigra
Liriodendron tulipifera
Acer spp.
Zea spp.

Latin

Chamaecrista fasciculata
Ambrosia artemisiifolia
Desmodium spp.
Galactia spp.
Centrosema spp.
Acalypha gracilens
Lespedeza spp.
Croton spp.
Vicia spp.
Dichanthelium spp.
Echinochloa sp.
Sorghum spp.
Rubus spp.

blueberry / huckleberry
poison-ivy
wild grape
black cherry
plum
American beautyberry
common persimmon
dogwood
black tupelo
pine
oak

Dove Food Plants

Common Name

doveweed
evening primrose
common pokeweed
common ragweed
Carolina geranium
lespedezas
low panic grass
crabgrass
foxtail
pine

Duck Food Plants

Common Name

wild millet
smartweed
pondweed
bullrush
umbrella sedges
rice cutgrass
wild rice

Turkey Food Plants

Common Name

oak
blackberry / dewberry
blueberry / huckleberry
hollies
poison-ivy
wild grape
black cherry
clover
low panic grass
millets
beggartick

Vaccinium spp.
Toxicodendron spp.
Vitis spp.
Prunus spp.
Prunus spp.
Callicarpa americana
Diospyros spp.
Cornus spp.
Nyssa sylvatica
Pinus spp.
Quercus spp.

Latin

Croton spp.
Oenothera spp.
Phytolacca americana
Ambrosia artemisiifolia
Geranium spp.
Lespedeza spp.
Dichanthelium spp.
Digitaria spp.
Setaria spp.
Pinus spp.

Latin

Echinochloa spp.
Polygonum spp.
Potamogeton spp.
Scirpus spp.
Cyperus spp.
Leersia spp.
Zizania spp.

Latin

Quercus spp.
Rubus spp.
Vaccinium spp.
Ilex spp.
Toxicodendron spp.
Vitis spp.
Prunus spp.
Trifolium spp.
Dichanthelium spp.
Echinochloa sp.
Bidens spp.

plum
common persimmon
dogwood
black tupelo
American beech
chufa

Prunus spp.
Diospyros spp.
Cornus spp.
Nyssa sylvatica
Fagus grandifolia
Cyperus spp.

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