

Ornithology Science Olympiad Invitational, February 6, 2010

Name: _____ **KEY** _____

Name: _____

Team Number: _____

School: _____

Make sure you are putting the answers in the correct space on this answer sheet.

Songs

__ 2 __ mourning dove

__ 3 __ mallard

__ 4 __ red-winged blackbird

__ 1 __ robin

* __ Wood Thrush _____

Station 1

1 a) type: *flight feather*

function: *flight, produce lift*

1b) type: *contour/semi-plume*

function: *shapes body, courtship*

1c) type: *down*

function: *insulation*

Station 2

2a) *red-headed woodpecker (immature)*

2b) *red-headed woodpecker (adult)*

2c) *woodpecker*

2d) *cavities in trees*

Station 3

3a) *Kentucky warbler*

3b) **FL IL WA CA ND OH**

3c) *South America or Central Am acceptable*

Station 4

4a) *hooded merganser*

4b) *Lophodytes cucullatus*

4c) *courtship display*

4d) *male*

*4e) *late winter or early spring*

Station 5

5a) *red-throated loon*

5b) *Gavia stellata*

5c) *Gaviiformes*

5d) *dense bones (1/2 credit for torpedo shape)*

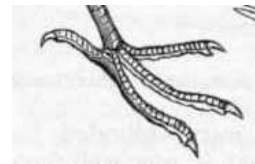
Station 6

6a) *American avocet*

6b) *Recurvirostra americana*

6c) *the recurved bill*

6d)



Station 7

7a) *precocial*

7b) *chicks covered with down at hatching*

7c) *chicks able to walk at hatching*

7d) *many on the list – ducks, shorebirds etc*

Station 8

8a) *snowy owl*

8b) *tundra*

8c) *on the ground*

8d) *winter*

8e) *lack of food in tundra*

Station 9

- 9a) *great blue heron*
- 9b) *Ardea herodias*
- 9c) *provides ability to preen nearly everywhere*
- 9d) *colonial nesting in rookeries*

Station 10

- 10a) *American white pelican*
- 10b) *Pelecanus erythrorhynchos*
- 10c) *a baby pelican is being fed*
- *10d) *vibrates its pouch skin (gular flutter)*

Station 11

- 11a) *snow goose*
- 11b) *Aves*
- 11c-e) *landforms; sun compass; star compass*
Or magnetic compass

Station 12

- 12a-c) *hard-shelled eggs; sustained flight; hollow bones; feathers; or warm-blooded*
- 12d) *reptiles (dinosaurs acceptable)*

Station 13

- 13a) *American goldfinch*
- 13b) *Carduelis tristis*
- 13c) *seeds*

Station 14

- 14a) *Meleagris gallopavo*
- 14b) *Phasianidae*
- 14c) *ear opening*
- *14d) *breast, or keel muscles*

Station 15

- 15a) *bald eagle*
- 15b) *Haliaeetus leucocephalus*
- 15c) *scales on bottom of feet*

Station 16

- 16a) *great-horned owl*
- 16b) *Bubo virginianus*
- 16c) *Strigiformes*
- 16d) *hearing*
- 16e) *skunk*

Station 17

- 17a) *Baltimore oriole*
- 17b) *open woodland/savanna*
- 17c) *yes*

Station 18

- 18a) *secondary feathers*
- 18b) *primary feathers*
- 18c) *coverts*

Station 19

- 19a) *yellow-headed blackbird*
- 19b) *marsh (cattails with open water)*
- 19c) *yes*
- 19d) *IL endangered*

Station 20

- 20a) *American crow*
- *20b) *west Nile virus*
- 20c) *omnivore*

***tie breaker questions**