

Species Documented as Ingesting or Poisoned by Lead Ammunition

All species listed are Iowa species that have been documented as ingesting lead shot, bullets, fragments, or contaminated prey, and species with elevated lead bone, tissue, or blood levels from lead ammunition in Iowa, elsewhere in the U.S., or around the world.

Iowa Breeding Birds of Greatest Conservation Need

Bald eagle
Canvasback
Common raven
King rail - *Endangered*
Long-eared owl - *Endangered*
Northern harrier - *Endangered*
Northern pintail
Peregrine falcon
Redhead
Ruffed grouse
Sandhill crane
Trumpeter swan

Migratory Birds of Greatest Conservation Need

Marbled godwit

Regularly Occurring Species

| | | |
|------------------------------|-----------------------|------------------------|
| American black duck | Dunlin | Rock dove |
| American coot | Gadwall | Rough-legged hawk |
| American crow | Great horned owl | Ruddy duck |
| Black-bellied whistling duck | Greater scaup | Sharp-shinned hawk |
| Black-necked stilt | Green-winged teal | Snow goose |
| Black scoter | Herring gull | Snowy owl |
| Blue-winged teal | Lesser scaup | Sora rail |
| Brown thrasher | Long billed dowitcher | Turkey vulture |
| Brown-headed cowbird | Long-tailed duck | Virginia rail |
| Bufflehead | Mallard | White-faced ibis |
| California gull | Merganser | White-throated sparrow |
| Canada goose | Mourning dove | Wild turkey |
| Cinnamon teal | Northern goshawk | Wood duck |
| Common goldeneye | Northern shoveler | Woodcock |
| Common moorhen | Prairie falcon | Yellow-rumped warbler |
| Cooper's hawk | Red-tailed hawk | |
| Dark-eyed junco | Ring-necked pheasant | |

Total species = 62

Species Documented as Ingesting or Poisoned by Lead Sinkers and/or Jigs

Iowa Breeding Birds of Greatest Conservation Need

Bald eagle
Canvasback
Redhead
Trumpeter swan

Regularly Occurring Species

American black duck
Black-crowned night heron
Canada goose
Common loon
Double-crested cormorant
Great blue heron
Greater scaup
Lesser scaup
Mallard
Merganser
Mute swan
Northern pintail
Osprey
Sandhill crane
Snow goose
White-winged scoter

Total species = 20

Total unduplicated species = 69

Summarized by Laura Zaugg for SOAR, February 2010, from:

1. TRANEL, M. A., AND R. O. KIMMEL. 2009. Impacts of lead ammunition on wildlife, the environment, and human health – A literature review and implications for Minnesota. *In* R. T. Watson, M. Fuller, M. Pokras, and W. G. Hunt (Eds.). *Ingestion of Lead from Spent Ammunition: Implications for Wildlife and Humans*. The Peregrine Fund, Boise, Idaho, USA. DOI 10.4080/ilsa.2009.0307
2. Iowa Department of Natural Resources Wildlife Action Plan:
<http://www.iowadnr.gov/wildlife/diversity/plan.html>