

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>