

Poisonings Diagnosed in Blackbirds at the National Wildlife Health Center

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Diagnosis of Poisoning Cases

- History
 - Multiple, rapid mortalities
- Necropsy
 - Good body condition, no signs of infectious disease
- Laboratory analysis
 - Cholinesterase analysis
 - Analysis of stomach contents & tissues

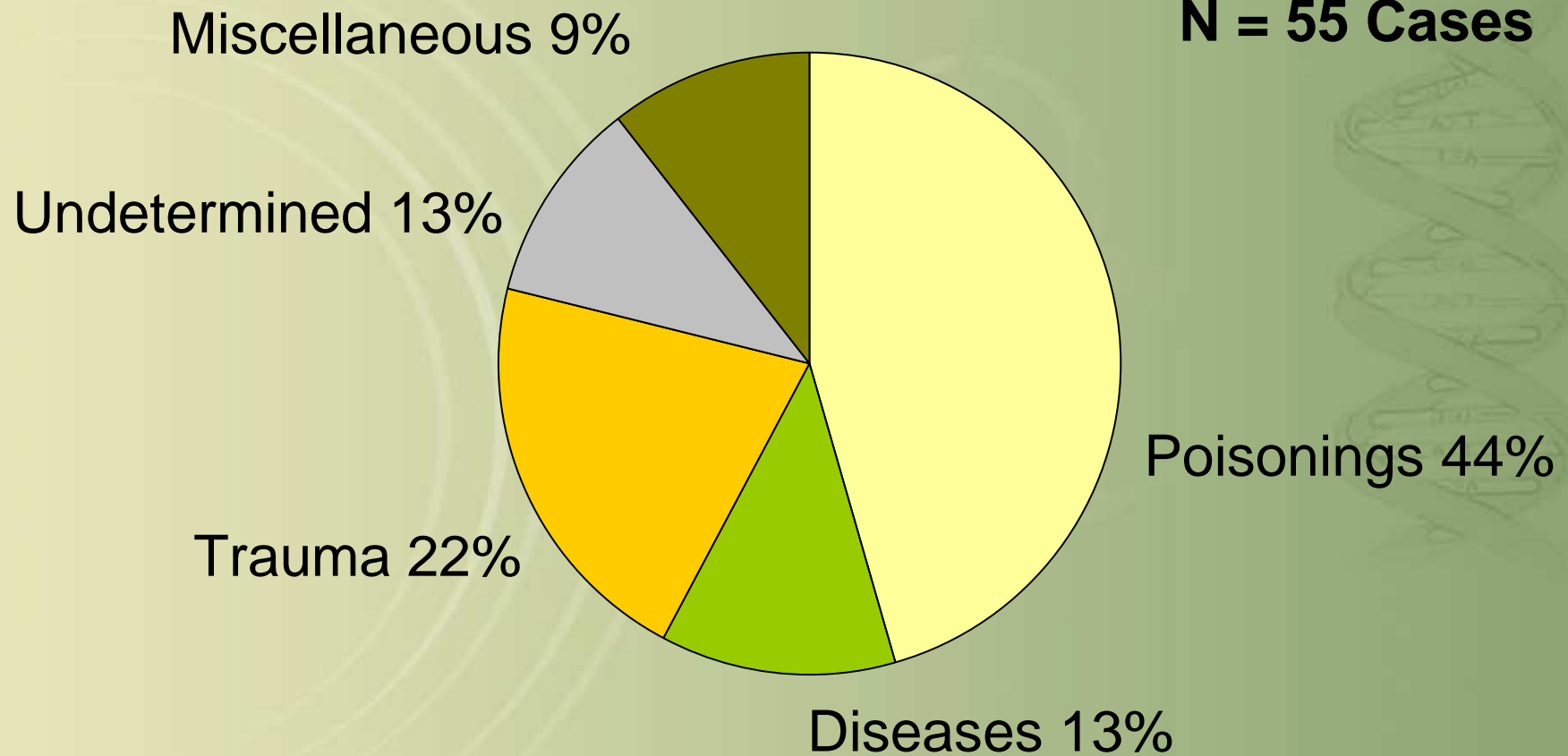


Blackbird Species Received for Necropsy

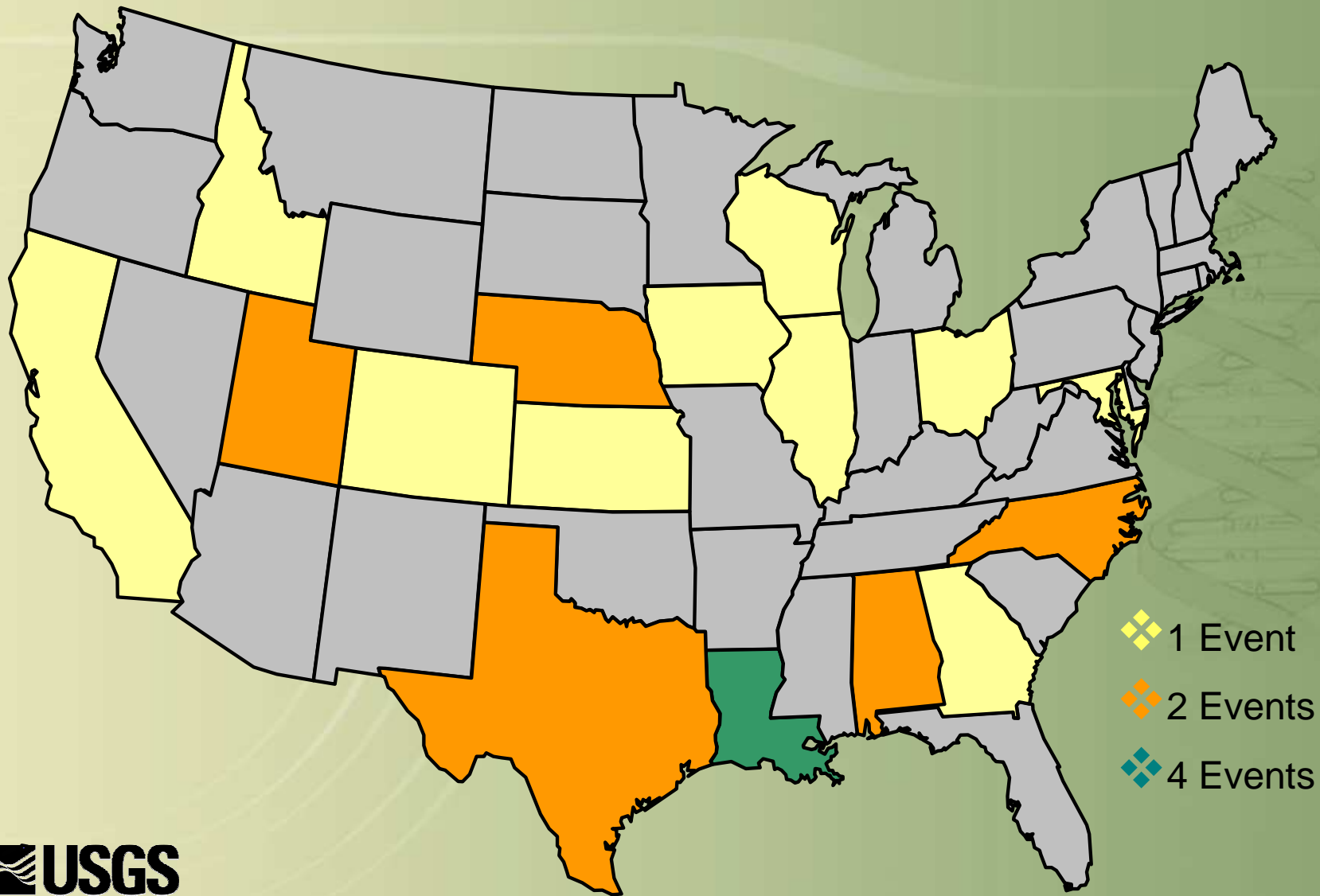
➤ Red-winged	191
➤ Brewer's	39
➤ Tricolored	24
➤ Yellow-headed	23
➤ Rusty	11
➤ Yellow-shouldered	6
	294

Diagnostic Findings in Blackbirds

N = 55 Cases



Blackbird Poisoning Cases



Toxins Identified

➤ Anticholinesterase pesticides	15
➤ Strychnine	5
➤ 4-aminopyridine	2
➤ Selenium	1
➤ Salt	1

Anticholinesterase Pesticides

➤ Carbofuran	3
➤ Famphur	4
➤ Monocrotophos	3
➤ Parathion	1
➤ Undetermined*	4

*Cholinesterase depression, but no chemistry analysis (3) or no compound identified (1)

Some Resources

Risk Assessment Literature

Avian Incident Monitoring System




AMERICAN BIRD CONSERVANCY
 CONSERVING WILD BIRDS AND THEIR HABITATS THROUGHOUT THE AMERICAS

[AIMS Database Search Results](#)
 You searched for : **Rusty Blackbird**

Your AIMS Database query returned **2 Records**.

Birds listed in **green** are on the [ABC Greenlist](#).

Event ID	Date (mm/dd/yyyy)	Location	Species	Pesticide(s)
561	Start: 04/01/1991	County: King George	Rusty Blackbird	Carbofuran
	End: 04/07/1991	State: VA	Sources:	EIIS: I000504-030 SCWDS: 76-91
571	Start: 04/09/1991	County: King George	Rusty Blackbird	Carbofuran
	End: 04/10/1991	State: VA	Sources:	EIIS: I004169-051 VDGIF: 27-91




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