

Law & Policy

USA—Federal

- EPA, *Risk Mitigation Decision for Ten Rodenticides* (May 28, 2008), available at www.regulations.gov
- EPA, *Pesticides: Rodenticides*, at <http://www.epa.gov/pesticides/mice-and-rats/> (Current as of Dec. 2011).
- EPA, *EPA Takes Next Step to Cancel Mouse and Rat Control Products Used in Homes* (Nov. 2, 2011), at <http://alturl.com/dju46>
- NOTE: The EPA is now in the process of reviewing a scientific advisory panel's report from late 2011 (available online at <http://alturl.com/6hwa7>) before making a final decision on its cancellation of the products

USA—California

- Stella McMillan, CDFG, *The Current State of Anticoagulant Rodenticides in California*, [MS PowerPoint Presentation; Mar. 16, 2012], available at <http://alturl.com/cqvsg> AND John McCamman, Dir., CDFG, *Letter dated July 11, 2011 to Christopher Reardon, Acting Director, Cal. Dept. of Pesticide Regulation*, available at <http://alturl.com/br2ws>
- Joe Eaton & Ron Sullivan, "Citizens campaign to ban baits that kill wildlife," **SFGate**, May 20, 2012, available at <http://alturl.com/h9e4h>
- Municipal actions: San Francisco Environment (<http://alturl.com/eymfg>); Marin Municipal Water District (<http://alturl.com/xfusb>); Richmond City Council (newspaper article at <http://alturl.com/b89uq>); Berkeley City Council (<http://alturl.com/43cxa>); and Ventura County Board of Supervisors (<http://alturl.com/i4r7k>)

European Union

- Council of the European Union, *Press Release: Council tightens controls on biocidal products*. Issued May 10, 2012. Available at <http://alturl.com/5vh2q>
- Roger Helmer (EU MEP), *Tories block 'damaging' pest control ban*, Jan. 19, 2012, at <http://www.rogerhelmer.com/pestcontrol.asp>
- "Standardised Europe-wide regulation of biocides takes another step forward," *Pest* . . . (Jan. 20, 2012) at <http://alturl.com/p2xfb>
- PAN Germany, *The European Union's New Regulation on Biocides*, Feb. 2012 available at <http://alturl.com/bi83m>
- Kelle and Heckman, LLP, *New EU Biocidal Products Regulation Changes the Rules for Treated Articles*, May 31, 2012, available at <http://alturl.com/gt62q>



All Sciences Poster Session

SLA 2012

Chicago, IL

Bobbi Weaver, Foreign & Intl. Law Reference Lib.

Strange Bedfellows:

*How Science & the Law Addressed the Problem of
Secondary Poisoning in the Use of
Anticoagulant Rodenticides*

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Introduction

Anticoagulant rodenticides have been effective in eliminating rodents from commercial and residential environments. However, the second-generation forms of these rodenticides are especially toxic and do not kill the target pest immediately. Consequently, predatory animals may consume an animal that has ingested the toxin and, in turn, may also be affected, often with fatal consequences.

Household pets as well as predatory & scavenger wildlife species have fallen victim to secondary poisoning. Birds of prey and large felines are among the animals that become poisoned from eating affected target animals. Some of these large predators are among threatened or endangered species. Because of the potential harm of these substances upon the environment as well as upon the health of children, governments have responded with legal measures to control and limit the use of anticoagulant rodenticides.

This poster will display how the use of second generation anticoagulant rodenticides (SGARs) can result in secondary poisoning of wildlife and household pets, and will present references to scientific studies concerning this issue. It will also present and discuss some of the legal and policy measures that have been taken to attempt to mitigate the environmental damage that may result from the use of these rodenticides.

Additional resources:

Books

Huffman, Jane E. & John R. Wallace. *Wildlife Forensics: Methods & Applications* (2012)
--Includes section discussing wildlife poisoning by rodenticides.

Anticoagulant Rodenticides. Geneva: World Health Organization, 1995.

—Discusses the scientific effects of anticoagulant rodenticides & the potential for secondary poisoning

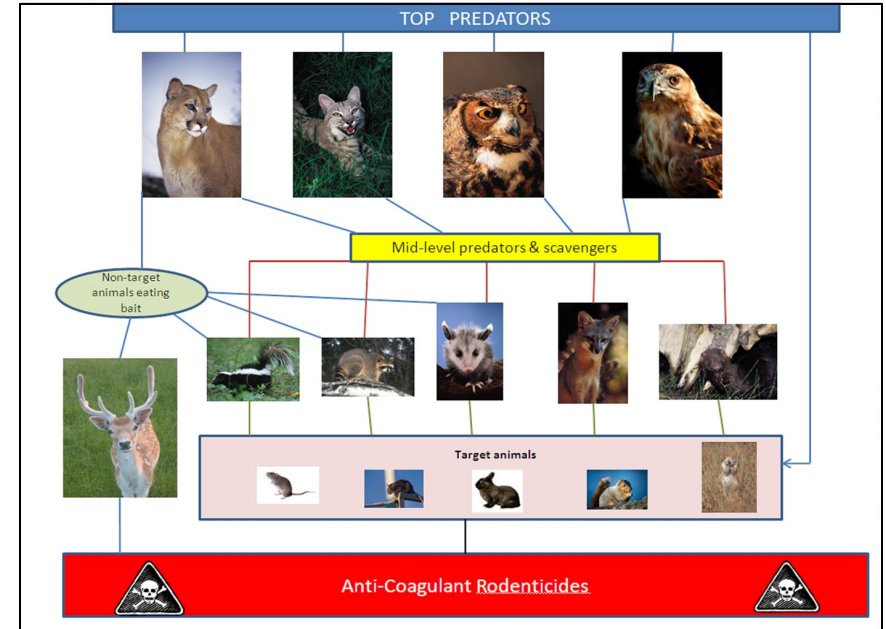
Articles

Valchev, Ivan, et al. "Anticoagulant Rodenticide Intoxication in Animals: A Review." *Turk. J. Vet. Anim. Sci.* 32 (2008): 237-43, available at <http://alturl.com/5vuyd>

Albert, C.A., et al. Anticoagulant rodenticides in three owl species from Western Canada, 1988-2003. *Arch. Environ. Contam. Toxicol.* 58 (Feb. 2010): 451-9, available at <http://alturl.com/bhry6>

The Problem

- The target animals—i.e., mice, voles, rats, rabbits, gophers, or squirrels—eat the bait laced with the anticoagulant rodenticide.
- Non-target animals (i.e., deer) may be attracted to and consume the toxin-laced bait
- The toxin does not kill the affected animals immediately, allowing them time to enter the food chain.
- Predatory and scavenger animals consume affected animals and become victims of secondary poisoning.



Environmental Organizations

Wildcare [California, USA]

- Main web site: <http://www.wildcarebayarea.org>
- Anti-SGAR Campaign: <http://alturl.com/koivu>

Golden Eagle Trust [Dublin, Ireland]

- Main web site: www.goldeneagletrust.ie
- Red Kite & Rat Poison Campaign: <http://alturl.com/daaib>