

California Department of Fish and Game, Pesticide Investigations Unit  
2010 Fish and Wildlife Loss Inventory

Accession Number	Date	Species (No.)	Chemical	Certainty Index <sup>a</sup>	County
P2586	1/4/10	Coyote <i>Canis latrans</i> Raven <i>Corvus corax</i>	Ethylene glycol Brodifacoum Chlorophacinone	3	Madera
P2587	1/14/10	Birds (50) Grackles <i>Quiscalus quiscula</i> Blackbirds <i>Euphagus cyanocephalus</i>	4-aminopyridine	1	Sacramento
P2590	1/27/10	Domestic dog <i>Canis lupus familiaris</i>	Diphacinone	1	San Diego
P2591	2/11/10	Rainbow trout <i>Oncorhynchus mykiss</i> (100)	Copper Chlorine	5	Fresno
P2592	2/16/10	Fish (1,000) Catfish <i>Ictalurus sp.</i> Carp <i>Cyprinus carpio</i> Bluegill <i>Lepomis macrochirus</i>	2,4-D	5	Kings
P2596	3/15/10	Birds (60) Mourning doves <i>Zenaidura macroura</i> Finches Blackbirds	Methomyl	2	San Bernardino
P2597	3/12/10	River otter <i>Lutra canadensis</i>	Anticoagulants	5	Colusa
P2598	3/16/10	Pigeon <i>Columba livia</i>	Anticoagulants	5	Orange
P2603	5/19/10	Desert tortoise <i>Gopherus agassizii</i>	Boron	2	Fresno
P2605	6/3/10	Catfish <i>Ictalurus sp.</i>	Copper	5	Stanislaus
P2606	6/2/10	Prairie falcon <i>Falco mexicanus</i>	Anticoagulants	5	Contra Costa
P2607	7/1/10	Fish (1,000) Red shiners <i>Notropis lutrensis</i> Santa Ana suckers <i>Catostomus santaanae</i>	Pyrethroids Carbamates	5	Ventura
P2608	7/27/10	Turkey vulture <i>Cathartes aura</i>	Brodifacoum Diphacinone	2	San Luis Obispo
P2609	7/27/10	Channel catfish <i>Ictalurus punctatus</i>	DBCP	5	San Joaquin
P2611	8/24/10	Sandpipers <i>Calidris sp.</i>	Microcystins Domoic acid	5	Yolo
P2613	8/25/10	Deer <i>Odocoileus hemionus</i>	Anticoagulants	5	Sonoma
P2618	11/1/10	Wild pig <i>Sus scrofa</i>	Diphacinone	3	Solano
P2619	10/28/10	Waterfowl (50) Fish (100s)	Fluridone	4	Los Angeles
P2621	12/7/10	Red-tailed hawk <i>Buteo jamaicensis</i>	Strychnine Anticoagulants	5	Del Norte

<sup>a</sup> Certainty Index: 1 = highly probable; 2 = probable; 3 = possible; 4 = unlikely, and 5 = unrelated/unknown

California Department of Fish and Game, Pesticide Investigations Unit  
2009 Fish and Wildlife Loss Inventory

Accession Number	Date	Species (No.)	Chemical	Certainty Index <sup>a</sup>	County
P2564	1/22/09	Fish (7) Goldfish <i>Carassius auratus</i> . Carp <i>Cyprinus carpio</i>	Cypermethrin	5	Sacramento
P2567	3/19/09	Raccoons (2) <i>Procyon lotor</i> Gray fox <i>Urocyon cinereoargenteus</i>	Anticoagulants	5	Monterey
P2568	5/27/09	Fish (50) Bass <i>Micropterus sp.</i> Carp <i>Cyprinus carpio</i>	Carbaryl	4	Monterey
P2572	5/28/09	Swainson's hawks (2) <i>Buteo swainsoni</i>	Anticoagulants	5	Sacramento
P2573	6/30/09	Seagulls <i>Larus spp.</i>	Bromadiolone	3	San Francisco
P2575	8/13/09	Squirrel <i>Sciurus griseus</i>	Anticoagulants	5	Sacramento
P2576	8/27/09	Opossum <i>Didelphis virginiana</i>	Anticoagulants	3	Lake

<sup>a</sup> Certainty Index: 1 = highly probable; 2 = probable; 3 = possible; 4 = unlikely, and 5 = unrelated/unknown

California Department of Fish and Game, Pesticide Investigations Unit  
2008 Fish and Wildlife Loss Inventory

Accession Number	Date	Species (No.)	Chemical	Certainty Index <sup>a</sup>	County
P2529	4/10/08	Catfish <i>Ictalurus</i> sp. (63) Carp <i>Cyprinus carpio</i> (2)	Urea	5	Imperial
P2534	4/30/08	None <sup>b</sup>	Paraquat	1	San Joaquin
P2536	5/2/08	Fish (20-40) Goldfish <i>Carassius auratus</i> Largemouth bass <i>Micropterus salmoides</i> Pikeminnow <i>Ptychocheilus grandis</i>	Acrolein	5	Contra Costa
P2547	7/18/08 – 9/26/2008	Canada geese <i>Branta canadensis</i> (70) Barn owl <i>Tyto alba</i> (1) Turkey vulture <i>Cathartes aura</i> (2)	Chlorophainone	1	Monterey
P2549	7/25/08	Steelhead trout <i>Oncorhynchus mykiss</i> – Central California Coast Distinct Population Segment (49)	Chlorine	1	Santa Cruz
P2550	7/16/08	San Joaquin kit fox <i>Vulpes macrotis mutica</i> (2)	None identified	5	Kern
P2553	7/22/08	Birds (10) Cooper's hawk <i>Accipter cooperii</i> Cliff swallow <i>Hirundo pyrrhonata</i>	Carbofuran	3	San Bernardino
P2559	10/6/08	Fish (5,000) Sculpin, catfish, carp, sunfish, suckers	Diuron <sup>c</sup>	3	Alameda
P2562	12/15/08	Grey squirrel <i>Sciurus griseus</i> (3)	Anticoagulants	5	Contra Costa

<sup>a</sup> Certainty Index: 1 = highly probable; 2 = probable; 3 = possible; 4 = unlikely, and 5 = unrelated/unknown

<sup>b</sup> Case involved poisoning of food in an attempt to harm wildlife.

<sup>c</sup> Fish kill likely caused by low dissolved oxygen, which may have been caused by algae dieoff caused by diuron.

California Department of Fish and Game, Pesticide Investigations Unit  
2007 Fish and Wildlife Loss Inventory

Accession Number	Date	Species (No.)	Chemical	Certainty Index <sup>a</sup>	County
P2453	2/14/07	Fish (1000)	Hydrogen sulfide	5	Santa Clara
P2455	2/21/07	Starlings <i>Sturnus vulgaris</i> (50)	None identified	5	Fresno
P2456	2/28/07	Raccoon <i>Procyon lotor</i>	Anticoagulants	5	San Francisco
P2457	3/9/7	Red-tail hawks <i>Buteo jamaicensis</i>	None identified	5	Merced
P2469	6/26/07	Canada Geese <i>Branta canandensis</i> (11)	Zinc Phosphide	1	San Bernardino
P2470	7/13/07	Swainson's hawk <i>Buteo swainsoni</i>	Avitrol , anticoagulants	5	San Joaquin
P2506	10/19/07	Barn owls <i>Tyto alba</i> (9)	Brodifacoum	3	Yolo
P2521	11/10/07	Sea birds: various species (650)	None identified	5	Santa Cruz, Monterey

<sup>a</sup> Certainty Index: 1 = highly probable; 2 = probable; 3 = possible; 4 = unlikely, and 5 = unrelated/unknown

California Department of Fish and Game, Pesticide Investigations Unit  
2004-2006 Fish and Wildlife Loss Inventory

Accession Number	Date	Species (No.)	Chemical	Certainty Index <sup>a</sup>	County
P2450	12/12/06	Coyote <i>Canis latrans</i>	Chlorophacinone, diphacinone, coumatetralyl, warfarin	2	Santa Cruz
P2437	6/17/06	Carp <i>Cyprinus carpio</i> 150 + Catfish 2 + Redhorse minnows <i>Moxostoma</i> sp. 3 +	Endosulfan	1	Imperial
P2420	9/3/05	Fish (several thousand) Steelhead trout <i>Oncorhynchus mykiss</i> Sculpin <i>Cottus</i> sp. Hitch <i>Lavinia exilicauda</i> Sacramento blackfish <i>Orthodon microlepidotus</i>	Chloropicrin 1,3-dichloropropene	1	Santa Cruz
P2409	12/9/04	None <sup>b</sup>	Ethylene glycol	1	Sacramento
P2405	8/30/04	Grey squirrel <i>Sciurus griseus</i>	None identified	5	Sacramento
P2401	6/23/04	Bobcat <i>Felis rufus</i>	None Identified	5	Madera
P2390	2/27/04	Red-tailed hawk <i>Buteo jamaicensis</i>	None Identified	5	Santa Cruz
P2386	1/24/04	San Joaquin kit fox <i>Vulpes macrotis</i>	Brodifacoum	1	Kern

<sup>a</sup> Certainty Index: 1 = highly probable; 2 = probable; 3 = possible; 4 = unlikely, and 5 = unrelated/unknown

<sup>b</sup> This was an ethylene glycol spill in Arcade Creek. Although there was no fish loss associated with this spill, concentrations existed that were lethal to fish.