

**ENDANGERED RESOURCES REPORT #142  
YEAR END SUMMARY  
WOLF POPULATION MONITORING  
IN WISCONSIN IN 2011**

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The gray wolf (*Canis lupus*) was eliminated from Wisconsin in the late 1950s, but returned to the state in the mid-1970s. The Wisconsin wolf population has been intensely monitored by the Wisconsin Department of Natural Resources (DNR) every year since fall 1979, using radio-telemetry, snow-track surveys, summer howl surveys, collection and necropsies on dead wolves, and collection of wolf observations (Wydeven et al. 2009). Population estimates have been made since winter 1979-1980 when 25 wolves were detected, to winter 2010-2011 when a minimum count of 782 wolves were detected (Wydeven et al. 2011). The gray wolf was listed as state endangered in 1975, state downlisted to threatened in 1999, and state delisted to protected wild animal in 2004. Federally, the gray wolf or eastern timber wolf (*Canis lupus lycaon*) was listed as endangered in Wisconsin in 1967 and 1974. The US Fish and Wildlife Service (USFWS) federally downlisted wolves to threatened status in April 2003, but relisted wolves to endangered status in January 2005 due to lawsuits. Gray wolves were delisted by USFWS in Wisconsin on 12 March 2007, but relisted as endangered on 29 September 2008 due to a lawsuit. Wolves were again delisted on 4 May 2009, but again relisted on 1 July 2009 because of threat of lawsuit. Wolves were removed from the Federal Endangered and Threatened Species list in Wisconsin on January 27, 2012.

Thus currently wolves are listed as a state protected wild animal, and no longer federally listed. Wolves were listed as federally endangered throughout 2010 and 2011, and no authority for limited lethal controls on wolves depredating on domestic animals were granted by USFWS, as had been done in 2005 and 2006. Thus the only lethal controls possible by the Wisconsin DNR and its partner USDA-Wildlife Services, was on wolves that show risk to human safety. The enclosed report summarizes data collected in 2011. A more extensive report on wolf conservation work in Wisconsin will be completed in September 2012.

## Wolf Captures

Twenty were live-captured and radio-collared in 2011 (Table 1). Collars were placed on 14 of 203 packs (13%) detected in the state in winter 2011, and on 2 packs not previously detected (Potato River & Little Moose River). Collars were also placed on 1 wolf that mainly appeared to be loner/disperser. Nine wolves were captured by fur trappers in the fall and turned over to WDNR for radio-collaring, including one wolf captured 2 times by 2 different trappers. The other 11 wolves were captured by WDNR, and USDA-WS. Captured wolves included: 6 adult males ( $\bar{X} = 82.5$  lbs.  $\pm$  11.4 SD), 10 adult females (67.4 lbs.  $\pm$  3.1 SD), 1 pup male (40 lbs.) and 3 pup females (50-64 lbs in Fall).

## Radio Collared Wolves Monitored in 2011

A total of 82 radio collared wolves were monitored during portions of 2011 (Table 2). Radio-collared wolves monitored during the year included 73 Wisconsin packs. Wisconsin packs with collared wolves included 71 or 35 % of the 203 packs detected in winter 2011 (Wydeven et al. 2011). Two new packs were detected after the winter 2010 surveys. Three radio-collared wolves were mostly loners/disperser while on the air in 2011. During the year, 21 collared wolves died, radio signals were lost on 14 wolves, and 3 lost radio collars. Age and gender of wolves monitored (during most of 2011, or at time of death or signal lost) included 25 adult males, 51 adult females, 1 yearling male, 1 yearling female, 1 pup male, and 3 pup females. At the end of 2011, 44 wolves remained on the air including: 12 adult males, 28 adult females, 1 yearling male, 1 pup male, and 2 pup females.

## Wolf Mortality

A total of 80 wolves and 1 wolf-dog hybrid were found dead in Wisconsin in 2011 (Table 3). The sample of wolves found dead included: 25 adult males, 20 adult females, 6 yearling males, 5 yearling females, 3 pup males, 4 pup females, 4 unknown adults, 1 unknown yearling, 2 unknown pups, 4 unknown age females, and 6 unknown age & gender, and (unknown age were probably yearlings or adults). The wolf dog hybrid was an adult male. Only 9 (11%) of dead wolves were determined to be pups, which are probably under represented in the mortality data. Previous estimates have indicated that as many as 70% of estimated pups produced die each year, but deaths among wolves 1.0 year or older averaged about 25% annually (Wydeven et al. 2009).

Among 21 wolves actively monitored (some of these are preliminary) by the Wisconsin DNR: 9 (43 %) were shot illegally, 2 (10 %) were euthanized for human safety concerns, 6 (29 %) were killed by vehicles, 1 (5%) died from capture related activity, 1 (5%) wolf apparently died from artillery fire on a military base, 1 (5 %) died from disease (mange), and 1 (5 %) died from other wolves. From the total of 82 of radio-collared wolves monitored by WDNR in 2011, at least 21 wolves died for an overall rough mortality rate of 26 %. This mortality rate for mostly wolves over 1 year old would be moderate, but some of the wolves whose signals were lost may have included additional wolves that died.

Among the overall sample of 80 wolves found dead in the state in 2011 mortality included: 25 ( %) illegal shooting , 4 ( %) euthanized in human safety concerns, 42 ( %) vehicle collisions, 1 (1%) artillery fire, 1 (1%) capture related, 1 (1%) disease (mange), 2 (2 %) other wolves, and 4 (5 %) unknown mortalities. Among the overall sample of 80 dead wolves, at least 91 % died from human caused mortality, compared to 90 % of the radio collared sample. Most years the radio collared sample has much lower rates of human caused mortality than the overall sample. The radio-collared sample is probably a less biased assessment of

overall mortality affecting wolves, but mainly reflects mortality among adults, and may not be as representative of dispersers living in more marginal habitat across the state. During 2011 both sample sets indicated humans were the main cause of mortality for wolves in Wisconsin.

### **Wolf Observations and Distribution**

Reports of wolf observations that were classified as “probable” or “possible” were received from 59 counties in the state, although only single observations were received from 14 counties (Table 4). These reports, from citizens and agency personnel, supplement other wolf survey work, provide early reconnaissance of new wolf occurrence, and provide information on general distribution of wolves across the state, especially lone dispersers. These reports do probably also contain some misidentifications of coyotes, wolf-dog hybrids, and dogs as wolves. The 536 reports of wolf observations in 2011 was the highest number of wolves every reported and compares to 2010, with 365 reports, and 2009 with 373 reports, the previous record high. A major reason for increase in wolf reports in 2011, were results of wolf observations on trail cams in Central Wisconsin in a bobcat study by graduate student John Clare of UW-Stevens Point. The highest report rates for wolf observations by counties were Juneau (111), Marathon (34), Bayfield (27), Oneida (26), and Wood (25 wolf reports). The high wolf observation rates for the central Wisconsin counties, reflects high reporting rates of the UW-SP bobcat study.

### **Wolf Depredation on Domestic Animals and Other Nuisance Problems**

Wolf depredation to livestock occurred on 40 farms in 2011, compared to 46 farms in 2010 (Table 5a). Total verified livestock depredation in 2011 included: 68 cattle killed (59 calves), 3 cattle injured, 44 sheep killed (35 lambs), 11 goat killed, 1 goat injured, 1 horse, 1 llama, 2 farm deer, and 2 chickens killed. In addition to these verified depredations, the Wisconsin DNR also provided payments for an additional 202 calves missing during the grazing season that may have included additional wolf depredations on farms that also had previous verified depredations. A total of 29 packs (14 % of packs in state) and 1 loner/disperser were involved in depredation on livestock. Four verified cases of wolf harassment or threats to livestock were also recorded during 2011 (Table 5a).

Twenty-four cases of wolf depredations on dogs were detected during 2011, including 6 cases of wolf depredations on pet dogs near homes, and 18 cases of depredations on dogs in hunting and training situations (Table 5b). A total of 21 dogs were killed and 7 were injured by wolves by 20 different packs (10 % of packs in the state in 2011) and 1 loner/disperser. Among hunting dogs 17 were killed and 5 were injured, and among pet dogs, 4 were killed and 2 were injured. The total kill on dogs by wolves was less than the record 25 killed in 2006, and the 7 injured compared to 14 injured in 2010. Rate of wolf depredation on hunting dogs was down from 19 killed and 4 injured in 2010. Number of incidents of depredations on pet dogs near homes was down from 14 cases in 2010, and number killed declined from 6 to 4, while numbers injured declined from 10 to 2. A total of 6 packs were involved in depredation on both dogs (2 pet dogs and 4 hunting dogs) and livestock. A total of 32 packs (16 % of state packs) would have been likely exposed to control actions if wolves had been delisted (packs attacking livestock or pets near homes), and with typical success rate of these controls, wolves would have been removed from about half these packs. No authority for lethal controls, except in human safety situations existed for the Wisconsin DNR in 2011.

Six safety concerns involving 6 packs across 4 counties were documented in 2011 (Table 5c). In two of these situations, levels of habituation were serious enough that WDNR exercised its authority to “take” wolves that were considered “demonstrable but not immediate threats to human safety”. In cooperation with USDA-Wildlife Services, 4 wolves were captured and euthanized or shot from a farm in Price County, and a cranberry bog in Adams County. The Price County pack was also involved in livestock depredation and harassment, and the Adams County pack had also attacked and threatened livestock.

## **Plans for 2012**

Monitoring activity as occurred since 1979 will continue, including trapping and collaring wolves in spring and summer (20-30), placing collars on wolves caught by fur trappers (10-15), aerial monitoring of all collared wolves will be done weekly, retrieving and determining cause of death will be performed on wolves that die in the field. Snow track surveys will be conducted with agency personnel and volunteers, and collecting wolf observations will continue. Wolf depredations will be investigated by USDA-WS and they will provide advice and assist in deterring wolves from problem areas. With delisting of wolves on January 27, 2012, reactive and proactive controls will be conducted on depredating wolves and problem wolf packs. Landowner will again have authority to shot wolves in the act of depredation and will be issued permits to shoot wolves on their land if they have had recent wolf problems. A hunting and trapping season will be implemented in fall 2012 to reduce wolf depredations, provide additional hunting and trapping opportunities, and stabilize or reduce size of the wolf population.

## **Acknowledgement**

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## **LITERATURE CITED**

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**Table 1.** *Wolves captured and radio-collared in Wisconsin in 2011.*

| <b>Wolf Number</b>                            | <b>Sex/Age<sup>a</sup></b> | <b>Weight (lbs)</b> | <b>Pack/Area</b>    | <b>County Captured</b> | <b>Date</b>             |
|---|----------------------------|---------------------|---------------------|------------------------|-------------------------|
| <b><u>Zone 1</u></b> - 10 captured & collared |                            |                     |                     |                        |                         |
| W665  | F/A                        | 68                  | Nineweb Lake        | Vilas                  | 30 May 11               |
| W666  | F/A                        | 66                  | Averill Creek North | Lincoln                | 05 Jun 11               |
| W766  | F/A                        | 65                  | Murray's Landing    | Iron                   | 15 Nov 11 <sup>bc</sup> |
| W769  | M/A                        | 93                  | Eddy Creek          | Sawyer                 | 11 May 11               |
| W775  | F/A                        | 66                  | South Range?        | Douglas                | 07 Jun 11               |
| W805  | F/A                        | 62                  | Siskiwit Lake       | Bayfield               | 14 Jun 11               |
| W808  | M/A                        | 90                  | Potato River        | Ashland                | 13 Jul 11               |
| W809  | M/A                        | 80                  | Potato River        | Ashland                | 13 Jul 11               |
| W815  | F/A                        | 70                  | Mud Lake            | Florence               | 07 Nov 11 <sup>b</sup>  |
| W819  | M/A                        | 90                  | Little Moose River  | Sawyer                 | 16 Jun 11               |
| <b><u>Zone 2</u></b> – 3 captured & collared  |                            |                     |                     |                        |                         |
| W789  | F/A                        | 70                  | Rattail?            | Wood                   | 21 Oct 11 <sup>b</sup>  |
| W800  | F/A                        | 72                  | Brushy Ridge        | Clark                  | 17 May 11               |
| W807  | M/P                        | 40                  | South Bluff         | Wood                   | 16 Sep 11               |
| <b><u>Zone 3</u></b> – 7 captured & collared  |                            |                     |                     |                        |                         |
| W751  | F/A                        | 65                  | South Post          | Monroe                 | 05 Mar 11               |
| W756  | F/P                        | 60                  | Leola Marsh         | Portage                | 02 Nov 11 <sup>b</sup>  |
| W787  | M/A                        | 62                  | Disperser           | Jackson                | 17 Oct 11 <sup>b</sup>  |
| W788  | F/P                        | 64                  | South Post          | Monroe                 | 21 Dec 11 <sup>b</sup>  |
| W804  | M/A                        | 80                  | South Branch?       | Oconto                 | 08 Nov 11 <sup>b</sup>  |
| W811  | F/P                        | 50                  | Lake Noquebay       | Marinette              | 27 Oct 11 <sup>b</sup>  |
| W825  | F/A                        | 70                  | South Branch?       | Oconto                 | 08 Nov 11 <sup>b</sup>  |

<sup>a</sup>Age at time of capture assuming birth date 1 April (P = Pup, Y = Yearling, A = Adult)

<sup>b</sup> Captured by fur trapper.

<sup>c</sup> Re-captured 07 December by a different fur trapper and re-collared with collar W765.

**Table 2.** *Radio-collared wolves monitored in Wisconsin and adjacent areas of Michigan and Minnesota in 2011.*

| Wolf Number   | Age <sup>a</sup> | Date Captured          | Pack/ Area                    | Last Date                | Locations |               |
|---------------|------------------|------------------------|-------------------------------|--------------------------|-----------|---------------|
|               |                  |                        |                               |                          | In 2011   | Since capture |
| <b>Zone 1</b> |                  |                        |                               |                          |           |               |
| M2749F        | Y                | 25 Jun 06 <sup>b</sup> | Giant Pine                    | 27 Jun 11 <sup>**</sup>  | 25        | 189           |
| M2761F        | A?               | 19 May 09 <sup>b</sup> | Evergreen R.                  | Ongoing                  | 48        | 100           |
| M2778F        | ?                | 15 Jun 10 <sup>b</sup> | Zoar                          | Ongoing                  | 39        | 40            |
| M734M         | A                | 03 Jul 09 <sup>c</sup> | Bob's Lake                    | 21 Nov 11 <sup>*</sup>   | 48        | 100           |
| W500B F       | A                | 27 May 06              | Escanaba L.                   | Ongoing                  | 49        | 244           |
| W508F         | Y                | 12 Jul 04              | Pine Lake                     | Ongoing                  | 51        | 326           |
| W555M         | A                | 13 Jun 09              | Skinner Cr.                   | Ongoing                  | 49        | 122           |
| W564F         | A                | 19 May 07              | Moose Rd.                     | Ongoing                  | 50        | 184           |
| W573F         | Y                | 26 Jun 06              | Black Lake                    | 28 Jun 11 <sup>***</sup> | 19        | 190           |
| W602F         | A                | 11 May 06              | Crotte Cr.                    | Ongoing                  | 49        | 232           |
| W615F         | A                | 10 Jun 07              | Pigeon Lake                   | Ongoing                  | 49        | 181           |
| W616F         | A                | 15 May 07              | Pikes Peak                    | Ongoing                  | 48        | 181           |
| W623F         | A                | 29 May 07              | Bootjack L.                   | 28 Sep 11 <sup>*</sup>   | 39        | 182           |
| W626F         | A                | 27 Jun 07              | Rainbow L.                    | Ongoing                  | 47        | 177           |
| W630F         | A                | 18 Jun 09              | Thornapple R.<br>/Haystack Cn | Ongoing                  | 47        | 114           |
| W637M         | Y                | 30 Jun 08              | Brule River                   | 28 Feb 11 <sup>*</sup>   | 9         | 95            |
| W650F         | Y                | 05 Jun 08              | Haystack Cn.                  | Ongoing                  | 47        | 143           |
| W651M         | A                | 20 Jun 08              | Brush Cr.                     | 14 Sep 11 <sup>*</sup>   | 36        | 131           |
| W663F         | P                | 02 Nov 08              | Bearsdale                     | 30 Mar 11 <sup>*</sup>   | 11        | 101           |
| W664F         | A                | 08 Nov 08              | Shoberg L.                    | Ongoing                  | 50        | 139           |
| W665F         | A                | 30 May 11              | Nineweb L.                    | Ongoing                  | 31        | 31            |
| W666F         | A                | 05 Jun 11              | Ranger Isl.                   | Ongoing                  | 31        | 31            |
| W667M         | A                | 15 Aug 08              | Kakagon Slo.                  | 25 Apr 11 <sup>**</sup>  | 16        | 107           |
| W669F         | A                | 27 Apr 09              | Amnicon R.                    | Ongoing                  | 48        | 111           |
| W670F         | Y                | 20 Jun 09              | Moreland L.                   | Ongoing                  | 50        | 123           |
| W671F         | A                | 22 Jun 09              | Beaver Dam L                  | 17 Nov 11 <sup>**</sup>  | 44        | 115           |
| W672F         | A                | 30 Jun 08              | Bird Sanc.                    | Ongoing                  | 50        | 146           |
| W673M         | A                | 28 Oct 10              | Flag River                    | 20 Jan 11 <sup>*</sup>   | 4         | 14            |
| W686M         | Y                | 24 Jun 09              | Marheimie Cr.                 | Ongoing                  | 49        | 127           |
| W687M         | A                | 29 Jun 09              | Thunder Cr.                   | Ongoing                  | 51        | 129           |
| W688F         | A                | 28 Oct 09              | Cassian                       | 08 Mar 11 <sup>**</sup>  | 10        | 74            |

W689F A 18 Nov 09 Spring Creek 24 Aug 11\*\* 4 22

**Table 2.** *continued*

| <b>Wolf Number</b>   | <b>Age<sup>a</sup></b> | <b>Date Captured</b>   |               | <b>Last Date</b> | <b>In 2011</b> | <b>Locations Since capture</b> |     |
|----------------------|------------------------|------------------------|---------------|------------------|----------------|--------------------------------|-----|
| W690F                | A                      | 31 Oct 10              | Scotchman L.  | Ongoing          |                | 51                             | 63  |
| W691M                | A                      | 20 Jun 09              | Price Cr.     | 28 Mar 11*       |                | 13                             | 86  |
| W692F                | A                      | 11 Jul 09              | Lit Rock L.   | 21 Nov 11*       |                | 48                             | 125 |
| W694F                | Y                      | 29 Jun 09              | Ghost L/ disp | 13 Jun 11**      |                | 20                             | 84  |
| W752F                | Y                      | 25 Jun 10              | Carpenter Cr. | Ongoing          |                | 52                             | 84  |
| W753F                | Y                      | 18 Oct 10              | disperser     | 29 Jun 11**      |                | 21                             | 30  |
| W754F                | Y                      | 28 Jun 10              | N. Willow     | 02 May 11*       |                | 10                             | 40  |
| W755F                | Y                      | 22 May 10              | Lit. Rice R.  | Ongoing          |                | 51                             | 88  |
| W757M                | A                      | 29 Oct 09              | Moreland L.   | Ongoing          |                | 49                             | 108 |
| W759M                | Y                      | 06 May 10              | Lea Lake      | Ongoing          |                | 50                             | 87  |
| W760F                | Y                      | 07 May 10              | Belden Swp.   | Ongoing          |                | 49                             | 84  |
| W761M                | Y                      | 03 Nov 10              | Webb Creek    | Ongoing          |                | 50                             | 59  |
| W764M                | A                      | 20 Jun 10              | Torch River   | 07 Jun 11**      |                | 6                              | 36  |
| W766F                | A                      | 07 Dec 11 <sup>d</sup> | Murray Land.  | Ongoing          |                | 4                              | 4   |
| W769M                | A                      | 11 May 11              | Eddy Creek    | Ongoing          |                | 32                             | 32  |
| W773M                | Y                      | 19 May 10              | Twin Lakes    | Ongoing          |                | 47                             | 81  |
| W774F                | Y                      | 25 Jun 10              | Lipsett Lake  | 28 Feb 11**      |                | 7                              | 36  |
| W775F                | A                      | 07 Jun 11              | Amnicon R.    | 13 Jun 11*       |                | 2                              | 2   |
| W776F                | A                      | 30 Jun 10              | Riverside     | Ongoing          |                | 50                             | 76  |
| W779M                | P                      | 31 Jul 10              | Blue Hills N. | Ongoing          |                | 40                             | 59  |
| W782F                | Y                      | 10 Jun 10              | Pemene        | 28 Feb 11**      |                | 9                              | 43  |
| W784M                | A                      | 30 Jun 10              | Chittamo      | 07 Feb 11*       |                | 5                              | 33  |
| W791M                | A                      | 25 Oct 10              | Chain Lake    | Ongoing          |                | 50                             | 61  |
| W792F                | P                      | 12 Nov 10              | N. Willow     | 09 May 11**      |                | 18                             | 27  |
| W793F                | Y                      | 28 Jun 10              | Wintergreen   | 18 Apr 11*       |                | 16                             | 46  |
| W805F                | A                      | 14 Jun 11              | Siskiwit Lake | Ongoing          |                | 26                             | 26  |
| W808M                | A                      | 13 Jul 11              | Potato River  | 01 Nov 11*       |                | 17                             | 17  |
| W809M                | A                      | 13 Jul 11              | Potato River  | Ongoing          |                | 24                             | 24  |
| W815F                | A                      | 07 Nov 11              | Mud Lake      | Ongoing          |                | 6                              | 6   |
| W819M                | A                      | 16 Jun 11              | Lit. Moose R. | Ongoing          |                | 28                             | 28  |
| <b><u>Zone 2</u></b> |                        |                        |               |                  |                |                                |     |
| W635F                | Y                      | 20 Nov 07              | Mather E.     | 13 Dec 11*       |                | 49                             | 135 |
| W652F                | P                      | 15 Aug 08              | Pray          | Ongoing          |                | 51                             | 126 |

W654F A 07 Jun 08 Starlight 24 Aug 11\*\* 32 112

**Table 2.** *continued*

| <b>Wolf Number</b>   | <b>Age<sup>a</sup></b> | <b>Date Captured</b>   | <b>Pack/Area</b> | <b>Last Date</b> | <b>In 2011</b> | <b>Locations Since capture</b> |
|----------------------|------------------------|------------------------|------------------|------------------|----------------|--------------------------------|
| W657M                | A                      | 10 Nov 09              | Eau Claire R     | Ongoing          | 51             | 106                            |
| W684F                | A                      | 30 May 09              | 2-Korner         | 20 Apr 11*       | 15             | 77                             |
| W756F                | P                      | 02 Nov 11              | Leola Marsh      | Ongoing          | 10             | 10                             |
| W763F                | Y                      | 03 Jun 10              | Leola Marsh      | 28 Nov 11**      | 48             | 78                             |
| W772M                | A                      | 12 Sep 10              | Noch Hani        | 01 Feb 11**      | 5              | 21                             |
| W778F                | Y                      | 29 Jul 10 <sup>c</sup> | Bear Bluff       | 17 May 11***     | 268            | 594                            |
| W789F                | A                      | 21 Oct 11              | Rattail          | Ongoing          | 12             | 12                             |
| W800F                | A                      | 17 May 11              | Brushy Rid.      | 05 Sep 11*       | 16             | 16                             |
| W807M                | P                      | 16 Sep 11              | South Bluff      | Ongoing          | 17             | 17                             |
| <b><u>Zone 3</u></b> |                        |                        |                  |                  |                |                                |
| W658F                | A                      | 05 Jun 10              | Miller Cr.       | 01 Nov 11*       | 43             | 89                             |
| W751F                | A                      | 05 Mar 11              | South Post       | 14 Jun 11***     | 27             | 27                             |
| W768M                | A                      | 16 Nov 10              | disperser        | 19 Sep 11*       | 31             | 40                             |
| W787M                | A                      | 17 Oct 11              | disperser        | 21 Nov 11*       | 7              | 7                              |
| W788F                | P                      | 21 Dec 11              | South Bluff      | Ongoing          | 3              | 3                              |
| W804M                | A                      | 08 Nov 11              | S. Branch        | 08 Nov 11**      | 1              | 1                              |
| W811F                | P                      | 27 Oct 11              | L. Noquebay      | 28 Nov 11*       | 6              | 6                              |
| W825F                | A                      | 08 Nov 11              | S. Branch        | Ongoing          | 8              | 8                              |

Zone 1: 62 wolves, 37 still on air at end of monitoring period (13 mortalities, 11 lost signals, 1 lost collar)

Zone 2: 12 wolves, 5 still on air at end of monitoring period (3 mortalities, 2 lost signals, 1 lost collar)

Zone 3: 8 wolves, 2 still on air at end of monitoring period (5 mortalities, 1 lost signal, 1 lost collar)

<sup>a</sup>Age at time of capture (P = Pup, Y = Yearling, A = Adult)

<sup>b</sup>Captured in Gogebic County, Michigan

<sup>c</sup>Captured in Baraga County, Michigan

<sup>d</sup>Re-captured; originally captured 15 Nov 2011

<sup>e</sup>GPS collar;

\*Mortality

\*\*Lost signal

\*\*\*Lost collar

**Table 3. Wolf mortality in Wisconsin in 2011.**

| <b>Date</b>   | <b>Wolf Number</b> | <b>Age/<br/>Sex</b> | <b>County</b> | <b>Cause</b>                        | <b>Pack</b>        |
|---------------|--------------------|---------------------|---------------|-------------------------------------|--------------------|
| <b>Zone 1</b> |                    |                     |               |                                     |                    |
| 01/13/11      |                    | ?/F                 | Forest        | Vehicle collision                   | McArthur Pine      |
| 01/20/11      | W673*              | A/M                 | Bayfield      | Disease – mange                     | Flag River         |
| 01/21/11      |                    | A/F                 | Bayfield      | Vehicle collision                   | Ino Swamp          |
| 01/22/11      |                    | ?/?                 | Lincoln       | Vehicle collision                   | Harrison Hills     |
| 02/07/11      | W784*              | A/M                 | Washburn      | Vehicle collision                   | Chittamo           |
| 02/11/11      |                    | A/M                 | Washburn      | Illegally killed – shot             | Namekagon Barrens  |
| 02/16/11      |                    | ?/?                 | Douglas       | Other wolves                        | Brule River        |
| 02/28/11      | W637*              | A/M                 | Douglas       | Vehicle collision                   | Brule River        |
| 03/08/11      |                    | Y?/M                | Florence      | Illegally killed – shot             | Dunbar             |
| 03/28/11      | W691*              | A/M                 | Ashland       | Illegally killed – shot             | Disperser          |
| 03/30/11      | W663*              | A/F                 | Bayfield      | Vehicle collision                   | Bearsdale          |
| 04/11/11      |                    | A/?                 | Washburn      | Unknown                             | Tranus Lake        |
| 04/12/11      |                    | A/F                 | Douglas       | Vehicle collision?                  | Smoky Hill         |
| 04/15/11      |                    | A?/M                | Vilas         | Illegally killed?                   | Little Rock Lake   |
| 04/19/11      | W793*              | A/F                 | Price         | Euthanized –health & safety concern | Wintergreen        |
| 04/20/11      |                    | A/M                 | Ashland       | Illegally killed                    | Disperser          |
| 04/25/11      | M2784**            | P/F                 | Iron          | Illegally killed                    | Little Girls Point |
| 04/28/11      |                    | Y/M                 | Washburn      | Vehicle collision?                  | Stuntz Brook       |
| 05/02/11      | W754*              | A/F                 | Price         | Euthanized –health & safety concern | Disperser          |
| 05/19/11      |                    | A/?                 | Taylor        | Vehicle collision                   | Green Creek?       |
| 05/22/11      |                    | A/M                 | Douglas       | Vehicle collision                   | Chittamo           |
| 06/13/11      | W775*              | A/F                 | Douglas       | Capture related                     | Amnicon River      |
| 07/11/11      |                    | A?/?                | Sawyer        | Vehicle collision                   | Mukwonago Trails   |
| 07/11/11      |                    | P/M                 | Iron          | Vehicle collision                   | Murray’s Landing   |
| 08/10/11      |                    | P/F                 | Iron          | Vehicle collision                   | O’Brien Lake       |
| 08/17/11      |                    | P/F                 | Florence      | Vehicle Collision                   | Dunbar?            |
| 08/22/11      |                    | P/M                 | Bayfield      | Vehicle collision                   | Ino Swamp          |
| 08/23/11      |                    | A/M                 | Iron          | Vehicle collision                   | Murray’s Landing   |
| 09/13/11      | M2780**            | A/M                 | Vilas         | Vehicle collision                   | Disperser          |
| 09/14/11      | W651*              | A/M                 | Ashland       | Vehicle collision                   | Brush Creek        |
| 09/21/11      |                    | P/M                 | Price         | Vehicle collision                   | Pine Creek         |
| 09/23/11      |                    | Y/?                 | Bayfield      | Vehicle collision?                  | Ino Swamp          |
| 09/28/11      | W623*              | A/F                 | Price         | Illegally killed – shot             | Bootjack Lake      |
| 09/28/11      |                    | ?/?                 | Oneida        | Unknown                             | Pelican Lake       |
| 09/30/11      |                    | Y/F                 | Rusk          | Illegally killed – shot             | Blue Hills North   |
| 10/06/11      |                    | Y/F                 | Douglas       | Illegally killed?                   | Poplar River       |
| 11/01/11      | W808*              | A/M                 | Ashland       | Vehicle collision                   | Potato River       |
| 11/02/11      |                    | A/F                 | Vilas         | Vehicle collision                   | Nineweb Lake       |
| 11/21/11      | W692*              | A/F                 | Vilas         | Illegally killed – shot             | Little Rock Lake   |
| 11/21/11      | M734*              | A/M                 | Forest        | Illegally killed                    | Bob’s Lake         |
| 11/23/11      |                    | A/F                 | Lincoln       | Illegally killed – shot             | Harrison Hills?    |
| 11/24/11      | M5506              | A/M                 | Douglas       | Illegally killed – shot             | Disperser?         |

Table 3. Continued.

| Date          | Wolf Number | Age/<br>Sex      | County      | Cause                        | Pack             |
|---------------|-------------|------------------|-------------|------------------------------|------------------|
| <b>Zone 2</b> |             |                  |             |                              |                  |
| 03/01/11      |             | ?/F              | Juneau      | Vehicle collision            | Mill Bluff?      |
| 04/10/11      |             | A/?              | Juneau      | Vehicle collision            | South Bluff      |
| 04/15/11      |             | A/F              | Jackson     | Illegally killed?            | Pray             |
| 04/20/11      | W684*       | A/F              | Wood        | Illegally killed – shot      | 2-Korner         |
| 04/30/11      |             | A/M              | Juneau      | Illegally killed – shot      | Mill Bluff       |
| 07/07/11      |             | P/?              | Clark       | Vehicle collision            | Brushy Ridge     |
| 07/12/11      |             | P/?              | Eau Claire  | Unknown                      | Eau Claire River |
| 09/05/11      | W800*       | A/F              | Clark       | Vehicle collision            | Brushy Ridge     |
| 10/04/11      |             | A?/F             | Adams       | Euthanized – health & safety | Leola Marsh      |
| 10/04/11      |             | A?/M             | Adams       | Euthanized – health & safety | Leola Marsh      |
| 10/05/11      |             | Y?/F             | Wood        | Vehicle collision            | Seneca           |
| 10/09/11      |             | ?/?              | Juneau      | Unknown                      | Rattail          |
| 11/21/11      |             | A/M              | Juneau      | Vehicle collision            | Mather East?     |
| 11/28/11      | W763*       | A/F              | Adams       | Illegally killed – shot      | Leola Marsh      |
| 12/13/11      | W635*       | A/F              | Juneau      | Illegally killed – shot      | Mather East      |
| <b>Zone 3</b> |             |                  |             |                              |                  |
| 02/17/11      |             | A/M              | Marathon    | Vehicle collision            | Disperser        |
| 03/03/11      |             | ?/F              | Marathon    | Illegally killed? – shot     | Mead             |
| 03/12/11      |             | ?/F              | Marathon    | Vehicle collision            | Disperser        |
| 03/16/11      |             | ?/?              | Marquette   | Vehicle collision?           | Caves Creek?     |
| 04/06/11      |             | A/M              | Portage     | Vehicle collision            | Dewey Marsh      |
| 04/09/11      |             | ?/?              | Portage     | Illegally killed? – shot     | Mead             |
| 04/12/11      |             | Y?/F             | Lincoln     | Vehicle collision?           | Disperser        |
| 04/15/11      |             | A/M              | Marathon    | Vehicle collision            | Disperser        |
| 04/18/11      |             | Y?/M             | Monroe      | Vehicle collision            | Disperser        |
| 04/22/11      |             | A/F              | Marathon    | Illegally killed – shot      | Disperser        |
| 06/13/11      |             | Y/M              | Jackson     | Vehicle collision            | Disperser        |
| 07/01/11      |             | A/F              | Chippewa    | Vehicle collision            | Disperser        |
| 07/15/11      |             | A?/F             | Shawano     | Vehicle collision            | Navarino         |
| 08/02/11      |             | Y?/M             | Oconto      | Illegally killed – shot      | Disperser        |
| 08/29/11      |             | Y/M              | Shawano     | Vehicle collision            | Disperser        |
| 09/02/11      |             | A?/M             | Rusk        | Vehicle collision            | Spence Lake      |
| 09/19/11      | W768*       | A/M              | Oconto      | Other wolves                 | South Branch?    |
| 09/22/11      |             | Y/F              | Wood        | Vehicle collision            | Disperser        |
| 11/01/11      | W658*       | A/F              | Shawano?    | Illegally killed             | Miller Creek     |
| 11/21/11      | W787*       | A/M              | Monroe      | Artillery fire               | Disperser        |
| 11/25/11      |             | A/M              | Dunn        | Illegally killed – shot      | Disperser        |
| 11/28/11      | W811*       | P/F              | Marinette   | Illegally killed             | Lake Noquebay    |
| 12/16/11      |             | A/M              | Shawano     | Vehicle collision            | Tilleda          |
| <b>Zone 4</b> |             |                  |             |                              |                  |
| 12/28/11      |             | A/M <sup>a</sup> | Fond du Lac | Shot                         | Escapee?         |

**Zone 1** = 42 mortalities, (16 collared, 2 monitored by MI DNR, 1 not actively monitored)

**Zone 2** = 15 mortalities, (4 collared)

**Zone 3** = 23 mortalities, (4 collared)

**Zone 4** = 1 mortality (hybrid)

\* Actively monitored at time of death by WI DNR

\*\* Actively monitored at time of death by MI DNR

<sup>a</sup> Hybrid

**Table 4.** Probable and possible wolf observations reported by natural resource agency personnel and private citizens in Wisconsin, 2011.

| County      | Number of Sightings | Wolves Seen | Track or Sign Observations | Total Wolf Observations |
|-------------|---------------------|-------------|----------------------------|-------------------------|
| Adams*      | 7                   | 14          | 3                          | 10                      |
| Ashland*    | 8                   | 15          | 4                          | 12                      |
| Barron      | 1                   | 1           | 0                          | 1                       |
| Bayfield*   | 17                  | 28          | 10                         | 27                      |
| Brown       | 4                   | 4           | 0                          | 4                       |
| Burnett*    | 2                   | 2           | 2                          | 4                       |
| Chippewa*   | 2                   | 2           | 0                          | 2                       |
| Clark*      | 5                   | 11          | 2                          | 7                       |
| Columbia    | 4                   | 5           | 0                          | 4                       |
| Crawford    | 1                   | 1           | 0                          | 1                       |
| Dane        | 9                   | 9           | 0                          | 9                       |
| Dodge       | 2                   | 3           | 0                          | 2                       |
| Douglas*    | 9                   | 18          | 6                          | 15                      |
| Dunn*       | 2                   | 5           | 1                          | 3                       |
| Eau Claire* | 1                   | 1           | 1                          | 2                       |
| Florence*   | 6                   | 20          | 1                          | 7                       |
| Fond du Lac | 2                   | 2           | 0                          | 2                       |
| Forest*     | 5                   | 8           | 8                          | 13                      |
| Grant       | 1                   | 1           | 0                          | 1                       |
| Iron*       | 10                  | 18          | 4                          | 14                      |
| Jackson*    | 6                   | 11          | 0                          | 6                       |
| Jefferson   | 2                   | 2           | 0                          | 2                       |
| Juneau*     | 108 <sup>a</sup>    | 213         | 3                          | 111                     |
| Kenosha     | 2                   | 2           | 0                          | 2                       |
| LaCrosse    | 4                   | 4           | 0                          | 4                       |
| Langlade*   | 4                   | 10          | 0                          | 4                       |
| Lincoln*    | 11                  | 23          | 7                          | 18                      |
| Manitowoc   | 1                   | 1           | 0                          | 1                       |
| Marathon*   | 32 <sup>a</sup>     | 48          | 2                          | 34                      |
| Marinette*  | 5                   | 11          | 4                          | 9                       |
| Marquette   | 4                   | 4           | 1                          | 5                       |
| Milwaukee   | 1                   | 1           | 0                          | 1                       |
| Monroe*     | 7                   | 20          | 14                         | 21                      |
| Oconto*     | 8                   | 12          | 2                          | 10                      |
| Oneida*     | 20                  | 34          | 6                          | 26                      |
| Outagamie   | 4                   | 6           | 0                          | 4                       |
| Ozaukee     | 2                   | 2           | 0                          | 2                       |
| Pepin       | 1                   | 1           | 0                          | 1                       |
| Polk*       | 0                   | 0           | 1                          | 1                       |
| Portage*    | 8 <sup>a</sup>      | 10          | 0                          | 8                       |
| Price*      | 7                   | 12          | 2                          | 9                       |
| Racine      | 1                   | 1           | 0                          | 1                       |
| Richland    | 0                   | 0           | 1                          | 1                       |
| Rock        | 3                   | 3           | 0                          | 3                       |
| Rusk*       | 7                   | 16          | 1                          | 8                       |
| Sauk        | 4                   | 4           | 0                          | 4                       |
| Sawyer*     | 13                  | 41          | 11                         | 24                      |
| Shawano*    | 5                   | 8           | 3                          | 8                       |
| Sheboygan   | 2                   | 2           | 0                          | 2                       |
| St. Croix   | 1                   | 1           | 0                          | 1                       |
| Trempealeau | 1                   | 2           | 0                          | 1                       |
| Vernon      | 1                   | 2           | 0                          | 1                       |
| Vilas*      | 15                  | 30          | 2                          | 17                      |
| Walworth    | 1                   | 1           | 0                          | 1                       |
| Washburn*   | 9                   | 12          | 2                          | 11                      |
| Waukesha    | 3                   | 3           | 0                          | 3                       |
| Waupaca*    | 1                   | 3           | 0                          | 1                       |
| Waushara*   | 2                   | 2           | 0                          | 2                       |

**Table 4.** *Continued.*

| <b>County</b> | <b>Number of Sightings</b> | <b>Wolves Seen</b> | <b>Track or Sign Observations</b> | <b>Total Wolf Observations</b> |
|---------------|----------------------------|--------------------|-----------------------------------|--------------------------------|
| Wood*         | 23 <sup>a</sup>            | 33                 | 2                                 | 25                             |
| <b>Total</b>  | <b>430</b>                 | <b>762</b>         | <b>106</b>                        | <b>536</b>                     |

\*Counties believed to have packs with breeding activity in 2011. No observations were reported from Menominee & Taylor counties where breeding packs are known to exist.

<sup>a</sup> Many observation reports from this county were due to a graduate student research project using trail cameras.

**Table 5a. Wolf depredation cases on livestock in Wisconsin in 2011. (chronic farms shaded)**

| <b>Date</b>              | <b>Animal Lost</b>   | <b>Pack Involved</b>           | <b>County</b>     | <b>Payments<sup>a</sup></b> | <b>Control Actions</b>   |
|--------------------------|--|--------------------------------|-------------------|-----------------------------|--|
| <b>Zone 1</b>            |  |                                |                   |                             |  |
| 01/03-07/15/11           | 1 steer killed, 1 injured, Harassment of cattle  | Wintergreen                    | Price             | \$3,912.70                  | Non-lethal & Trapping<br>2 wolves euthanized <sup>b</sup>  |
| 03/14/11                 | 2 chickens   | Winter                         | Sawyer            | NC                          |  |
| 04/05-04/23/11           | 1 calves killed, 6 missing   | Long Lake                      | Rusk              | \$6,100.00                  |  |
| 04/10/11                 | 1 calf killed, 20 missing  | Moquah                         | Bayfield          | \$15,900.00                 | Non-lethal   |
| 04/16/11                 | 1 calf   | White River                    | Ashland           | \$1,300.00                  | Non-lethal   |
| 04/18-05/27/11           | 2 calves, 1 cow  | Mason                          | Bayfield          | \$2,450.00                  | Non-lethal   |
| 04.28-10/15/11           | 12 calves killed, 103 missing  | Chase Brook/<br>Riverside      | Burnett           | \$87,000.00                 | Non-lethal   |
| 05/03-10/26/11           | 8 calves killed, 26 missing, 2 cows killed   | Amnicon River &<br>South Range | Douglas           | \$27,250.00                 | Non-lethal   |
| 05/10-09/26/11           | 3 calves killed, 8 missing, 11 goats killed, 1 injured   | Casey Creek                    | Douglas           | \$10,225.00                 | Non-lethal   |
| 05/12/11                 | 1 calf   | Pine Creek                     | Ashland           | \$750.00                    |  |
| 05/19/11                 | 1 calf   | Amnicon River                  | Douglas           | \$750.00                    | Non-lethal   |
| 06/06/11                 | 1 calf   | Spring Creek                   | Price             | \$800.00                    |  |
| 06/28-10/05/11           | 2 calves killed, 8 missing   | Poplar River/ Casey<br>Creek?  | Douglas           | \$7,500.00                  |  |
| 07/02/11                 | 1 calf   | Blue Hills North               | Rusk              | \$750.00                    |  |
| 07/13-10/21/11           | 2 calves killed, 1 missing   | Casey Creek                    | Douglas           | \$4,500.00                  | Non-lethal   |
| 07/15/11                 | 1 calf   | Casey Creek?                   | Douglas           | \$750.00                    |  |
| 07/24/11                 | 1 calf   | Beaver Dam Lake                | Ashland           | \$750.00                    |  |
| 07/24/11                 | 1 calf killed, 19 missing  | Casey Creek?                   | Douglas           | \$15,077.00                 |  |
| 08/09/11                 | 1 cow  | South Range                    | Douglas           | \$2,002.12                  |  |
| 08/10-10/26/11           | 9 sheep & 35 lambs   | Oriente Falls                  | Bayfield          | \$8,850.00                  | Non-lethal   |
| 08/10/11                 | 1 calf   | White River                    | Bayfield          | \$400.00                    | Non-lethal   |
| 08/11-10/18/11           | 2 deer (deer farm)   | Wolf Lake                      | Washburn          | \$20,000.00                 |  |
| 08/12/11                 | 1 calf   | South Range?                   | Douglas           | \$750.00                    | Non-lethal   |
| 08/22/11                 | 1 calf killed, 10 missing  | Poplar River                   | Douglas           | \$5,282.00                  |  |
| 08/24/11                 | 2 calves   | Crotte Creek                   | Douglas           | \$1,500.00                  |  |
| 08/25/11                 | 2 calves   | Casey Creek                    | Douglas           | \$1,500.00                  |  |
| 08/29/11                 | 1 horse  | Mondeaux Flowage               | Taylor            | \$2,000.00                  |  |
| 09/16/11                 | 1 calf, 1 llama  | Mason                          | Bayfield          | \$1,250.00                  |  |
| 09/27/11                 | 1 cow  | Main Creek                     | Rusk              | \$900.00                    |  |
| 10/05/11                 | 1 calf killed, 2 injured   | Lea Lake                       | Rusk              | \$800.00                    |  |
| 10/22/11                 | 1 calf   | Delta?                         | Bayfield          | \$750.00                    |  |
| 10/31/11                 | 2 calves   | Tupper Creek                   | Sawyer            | \$650.00                    |  |
| 11/30/11                 | 1 calf killed, 1 missing   | Poplar River                   | Douglas           | \$1,500.00                  |  |
| <b>ZONE 1<br/>TOTALS</b> | <b>Calves: 52 killed, 2 inj.,<br/>202 missing<br/>Adult cattle: 6 killed, 1 inj.<br/>Lambs: 35 killed<br/>Sheep: 9 killed<br/>Goats: 11 killed, 1 inj.<br/>Deer: 2 killed<br/>Horse: 1 killed<br/>1 llama, 2 chickens killed</b> | <b>24 packs</b>                | <b>9 counties</b> | <b>\$233,148.82</b>         | <b>33 farms (14 chronic)<br/>Non-lethal at 12 farms<br/>Trapping at 1 farm<br/>2 wolves euthanized<sup>b</sup></b> |

Table 5a. Continued

| Date  | Animal Lost  | Pack Involved           | County             | Payments <sup>a</sup> | Control Actions <sup>b</sup>  |
|---|--|-------------------------|--------------------|-----------------------|---|
| <b>Zone 2</b>                                     |  |                         |                    |                       |   |
| <b>Depredations on Livestock</b>                  |  |                         |                    |                       |   |
| 07/06-08/31/11                                    | 2 cows killed, 54 calves missing, harassment of cattle   | Leola Marsh             | Adams              | \$44,000.00           | Non-lethal & trapping, 2 wolves euthanized <sup>b</sup>   |
| 10/27/11  | 2 calves killed, 1 missing   | Mill Bluff              | Juneau             | \$2,250.00            |   |
| <b>ZONE 2 TOTALS</b>                              | <b>Calves: 2 killed, 55 miss. Adult cattle: 2 killed</b>   | <b>2 packs</b>          | <b>2 counties</b>  | <b>\$46,250.00</b>    | <b>2 farms Non-lethal at 1 farm Trapping at 1 farm 2 wolves euthanized<sup>b</sup></b>            |
| <b>Zone 3</b>                                     |  |                         |                    |                       |   |
| <b>Depredations on Livestock</b>                  |  |                         |                    |                       |   |
| 04/08/11  | 1 calf   | Tilleda                 | Shawano            | \$500.00              |   |
| 05/27/11  | 1 bull   | Mead                    | Marathon           | \$1,024.00            | Non-lethal?   |
| 07/19/11  | 1 calf   | Fogerty Marsh           | Portage            | \$1,200.00            | Non-lethal  |
| 10/03/11  | 1 calf   | Loner                   | Crawford           | \$600.00              |   |
| 10/27/11  | 1 calf   | Mead?                   | Wood               | \$107.00              |   |
| 10/30/11  | 1 calf   | Loner                   | Crawford           | \$1,100.00            |   |
| <b>ZONE 3 TOTALS</b>                              | <b>Calves: 5 killed Adult cattle: 1 killed</b>   | <b>3 packs 1 loner</b>  | <b>5 counties</b>  | <b>\$4,531.00</b>     | <b>6 farms Non-lethal at 2 farms</b>  |
| <b>STATEWIDE TOTALS</b>                           | <b>Calves: 59 killed, 2 inj., 257 missing Adult cattle: 9 killed, 1 inj. Lambs: 35 killed Sheep: 9 killed Goats: 11 killed, 1 inj. Deer: 2 killed Horses: 1 killed 1 llama &amp; 2 chickens killed</b> | <b>29 packs 1 loner</b> | <b>16 counties</b> | <b>\$283,929.82</b>   | <b>41 farms (14 chronic) Non-lethal 15 farms Trapping 2 farms 4 wolves euthanized<sup>b</sup></b> |
| <b>Zone 1</b>                                     |  |                         |                    |                       |   |
| <b>Verified Harassment or Threat to Livestock</b> |  |                         |                    |                       |   |
| 09/08/11  | Harassment of cattle   | Amnicon River           | Douglas            |                       |   |
| 11/16/11  | Harassment of cattle   | Tupper Creek            | Sawyer             |                       | Non-lethal  |
| <b>Zone 2</b>                                     |  |                         |                    |                       |   |
| <b>Verified Harassment or Threat to Livestock</b> |  |                         |                    |                       |   |
| 09/08/11  | Threat to cattle   | Leola Marsh             | Adams              |                       |   |
| <b>Zone 3</b>                                     |  |                         |                    |                       |   |
| <b>Verified Harassment or Threat to Livestock</b> |  |                         |                    |                       |   |
| 03/01/11  | Harassment of cattle   | Miller Creek            | Shawano            |                       | Non-lethal  |
| <b>TOTALS</b>                                     | <b>3 harassment of cattle 1 threat to cattle</b>   | <b>4 packs</b>          | <b>4 counties</b>  |                       | <b>4 farms Non-lethal at 2 farms</b>  |

<sup>a</sup>NC = No claim received as of date of report preparation<sup>b</sup>Trapping for health & safety concern

**Table 5b.** *Wolf depredation cases on dogs in 2011.*

| <b>Date</b>                 | <b>Animal Lost</b>                       | <b>P=Pet<br/>H=Hunting</b> | <b>Pack Involved</b>            | <b>County</b>      | <b>Payments<sup>a</sup></b> | <b>Control Actions</b> |
|-----------------------------|--|----------------------------|---------------------------------|--------------------|-----------------------------|------------------------|
| <b><u>Zone 1</u></b>        |  |                            |                                 |                    |                             |                        |
| 03/07/11                    | 1 dog (Beagle)                           | H                          | Little Girl's Point             | Iron               | \$750.00                    | None                   |
| 03/27/11                    | 1 dog (Collie)                           | P                          | Pine Creek                      | Ashland            | \$500.00                    | None                   |
| 04/22/11                    | 3 dogs inj. (Walkers)                    | H                          | Chequameg. Water                | Taylor             | \$508.39                    | None                   |
| 06/27/11                    | 1 dog inj. (Cocker spaniel)              | P                          | Chittamo                        | Washburn           | \$318.20                    | None                   |
| 07/18/11                    | 1 dog (Walker)                           | H                          | Ox Creek                        | Douglas            | \$2,500.00                  | None                   |
| 07/23/11                    | 1 dog (Redtick)                          | H                          | Delta                           | Bayfield           | \$2,500.00                  | None                   |
| 07/24/11                    | 1 dog (Blue Heeler)                      | P                          | Oreinta Falls                   | Bayfield           | NC                          | None                   |
| 07/29/11                    | 1 dog (Bluetick)                         | H                          | Black Lake                      | Ashland            | \$2,500.00                  | None                   |
| 08/02/11                    | 1 dog (hound)                            | H                          | Peshtigo Brook                  | Oconto             | \$2,500.00                  | None                   |
| 08/06/11                    | 1 dog (Bluetick)                         | H                          | Tranus Lake                     | Washburn           | \$2,500.00                  | None                   |
| 08/14/11                    | 1 dog (Hound)                            | H                          | Riverside                       | Burnett            | \$2,500.00                  | None                   |
| 08/20/11                    | 1 dog (Bluetick)                         | H                          | Moose Road                      | Douglas            | \$2,500.00                  | None                   |
| 08/22/11                    | 1 dog (Walker)                           | H                          | Lake Nebagamon?                 | Douglas            | \$2,500.00                  | None                   |
| 08/26/11                    | 1 dog (Redbone)                          | H                          | Blue Hills North                | Rusk               | \$2,500.00                  | None                   |
| 08/28/11                    | 1 dog (Walker)                           | H                          | Lake Nebagamon?                 | Douglas            | \$2,500.00                  | None                   |
| 08/30/11                    | 2 dogs (Walkers)                         | H                          | Catawba                         | Price              | \$5,000.00                  | None                   |
| 09/16/11                    | 1 dog (Walker)                           | H                          | Flag River                      | Bayfield           | \$2,500.00                  | None                   |
| 09/17/11                    | 2 dogs injured (Walkers)                 | H                          | Casey Creek                     | Douglas            | \$2,620.90                  | None                   |
| 09/18/11                    | 1 dog (Plott/Bluetick)                   | H                          | Peshtigo Brook                  | Oconto             | \$2,500.00                  | None                   |
| 09/28/11                    | 1 dog (Walker/Plott)                     | H                          | Shoberg Lake                    | Douglas            | \$2,500.00                  | None                   |
| 10/23/11                    | 1 dog inj. & died (Walker)               | H                          | Ranger Island                   | Lincoln            | \$2,608.16                  | None                   |
| <b>ZONE 1<br/>TOTALS</b>    | <b>19 dogs killed<br/>6 dogs injured</b> |                            | <b>18 packs</b>                 | <b>11 counties</b> | <b>\$44,305.65</b>          |                        |
| <b><u>Zone 2</u></b>        |  |                            |                                 |                    |                             |                        |
| 08/11/11                    | 1 dog (Lab)                              | P                          | Starlight                       | Monroe             | \$110.96                    | None                   |
| <b>ZONE 2<br/>TOTALS</b>    | <b>1 dog killed</b>                      |                            | <b>1 pack</b>                   | <b>1 county</b>    | <b>\$110.96</b>             |                        |
| <b><u>Zone 3</u></b>        |  |                            |                                 |                    |                             |                        |
| 05/27/11                    | 1 dog (Bluetick)                         | P                          | Disperser                       | Clark              | \$2,500.00                  | None                   |
| 07/10/11                    | 1 dog inj. (Terrier/lab)                 | P                          | Lake Noquebay                   | Marinette          | \$83.00                     | None                   |
| <b>ZONE 3<br/>TOTALS</b>    | <b>1 dog killed<br/>1 dog injured</b>    |                            | <b>1 pack<br/>1 disperser</b>   | <b>2 counties</b>  | <b>\$2,583.00</b>           |                        |
| <b>STATEWIDE<br/>TOTALS</b> | <b>21 dogs killed<br/>7 dogs injured</b> |                            | <b>20 packs<br/>1 disperser</b> | <b>14 counties</b> | <b>\$46,999.61</b>          |                        |

<sup>a</sup>NC = No claim received as of date of report preparation

**Table 5c. Human Safety Concerns and Threats to Pets in Wisconsin in 2011.**

| <b>Date</b>          | <b>Threat</b>  | <b>Pack</b>    | <b>County</b>     | <b>Control Action</b>  |
|----------------------|--|----------------|-------------------|--|
| <b><u>Zone 1</u></b> |  |                |                   |  |
| 01/02/11             | Health & Safety Concern                                      | Clifford       | Price             | None   |
| 03/14 to<br>09/12/11 | Health & Safety Concern <sup>a</sup>                         | Wintergreen    | Price             | Non-lethal;<br>Trapping - 2 wolves euthanized  |
| 03/16/11             | Health & Safety Concern                                      | Musser Lake    | Price             | None   |
| 08/12/11             | Health & Safety Concern                                      | West Firelane  | Iron              | None   |
| <b><u>Zone 2</u></b> |  |                |                   |  |
| 09/08/11             | Threat to property &<br>Health & Safety Concern <sup>a</sup> | Leola Marsh    | Adams             | Non-lethal;<br>Trapping - 2 wolves euthanized  |
| 09/22/11             | Health & Safety Concern                                      | Dickison Creek | Clark             | None   |
| <b>TOTALS</b>        | <b>6 Health &amp; safety concerns</b>                        | <b>6 packs</b> | <b>4 counties</b> | <b>Non lethal at 2 locations<br/>Trapping at 2 locations<br/>4 wolves euthanized</b> |

<sup>a</sup>Also livestock depredations at this site (see Table 10a).