

MIDWEST PEREGRINE FALCON RESTORATION, 2009 REPORT

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MIDWEST PEREGRINE FALCON WEBSITE

A peregrine website for the Midwest is open at the University of Minnesota <<http://midwestperegrine.org>>. The site was developed by Richard Peifer, Mark Decker, Bruce Fall, and Kyle Hammond, in the University's Biology Program. The purposes of this website are to provide a publicly accessible record of peregrine in the Midwest, including adjacent Canadian provinces of Ontario and Manitoba. Data may be entered only by those who have the appropriate passwords and it goes through a two-step review processing before being permanently added to the database. The database may be searched by anyone without password and the public is able and encouraged to download information into an Excel spreadsheet for conducting analytical work or simply use it to look up the status of an individual bird. Please acknowledge the Midwest Peregrine Society for any public use of information in this database and let use (Redig, Peifer, Burnette) know also. In addition to data entry to the database there are two other useful elements. The first element is exact GPS lat/long coordinates for each site, a work still in progress. This function in the database has been linked to Google Maps, allowing operators to obtain actual 3D views of peregrine nest sites. The second element is a section of the database where detailed reports submitted by state and area coordinators will be posted *in toto* as received. In these are contained more detailed information than what is summarized in this report along with many excellent photographs taken at the various sites.

BACKGROUND

All peregrines banded in the U.S. Midwest (ND, MN, WI, MI, SD, NE, IA, IL, IN, OH, KS, MO, KY) in 2009 and in previous years wear a bicolored project band, black over green(b/g) or black over red (b/r) on the left leg. Wild-produced birds have a purple anodized USFWS band on the right leg; hacked birds have a gold anodized USFWS band on the right leg. In Canada (SE MB, NW

ON), hatched birds receive a red band and wild-produced birds get a black band, in addition to a silver USFWS band. Project bands have proven to be readable in the field, given the right circumstances and appropriate optics.

Many of the black/green and black/red bands have the upper or lower character (or both) tipped to the left on its side; these we show by using a star (*) to indicate the tipped-over letter or number, for example, *2/E or H/*4. It is essential to include the star because all combinations are in use (H/4, *H/4, H/*4, *H/*4 for example). It is also important to put all bands on right side up, to make them easier to read in the field. To avoid confusion, numerals take precedence over letters; that is, numerals 1 and 0 are used on the project color bands, letters I and O are not used.

Names of buildings in the peregrine database haven't proven problematic as they often change when building ownership changes. We attempt to stay abreast of these changes by providing a continuous string of previously used names current in the database. However, working remotely, it is sometimes not always possible to decipher what is the current and previous situation. State coordinators are encouraged to review the sites with which they work and ensure that the appropriate names are being applied. Regarding names of birds, they cannot be changed; the original names are entered in the database in too many places - once named and entered, the name sticks.

INTRODUCTION

Peregrine Falcon (*Falco peregrinus*) egg-laying began in March in the southern Midwest and progressively later to the north. Known territorial pairs were reported at 254 compared to 244 in 2008. Production of young was 492 compared to 429 in 2008. Table 1 is a nesting summary by state and province (sequence here and in the main list below is north tier of states first, west to east; second tier, etc., then NW Ontario and SE Manitoba).

Table 1

TERRITORIAL PAIRS / YOUNG FLEDGED, 2009

	1998-2003	2004	2005	2006	2007	2008	2009
N. Dakota	4/7	1/2	1/4	1/4	2/4	2/4	2/6
Minnesota	182/358	38/84	43/83	51/112	52/94	51/95	52/114
Wisconsin	97/274	20/55	27/59	27/65	32/84	36/80	42/72
Michigan	64/86	16/26	17/33	17/29	8/24	25/38	24/32
S. Dakota	2/0	0/0	0/0	0/0	0/0	0/0	0/0
Nebraska	7/18	2/3	2/2	2/8	2/8	2/0	2/8
Iowa	24/56	8/13	10/20	11/11	11/23	13/20	15/25
Illinois	52/110	14/32	13/29	11/30	16/25	16/23	22/33
Indiana	60/142	12/30	12/29	13/30	14/30	15/29	18/26
Ohio	84/158	16/54	22/57	21/60	23/56	26/64	24/64
Kansas	4/0	1/0	1/0	1/0	1/1	1/0	1/1
Missouri	29/56	6/11	3/8	5/9*	7/14	9/17	4/13
Kentucky	17/27	4/12	4/11	8/8	7/19	10/15	10/31
Manitoba	13/15	2/4	3/7	4/5	4/5	4/3	4/7
Ontario	136/281	31/50	39/79	39/66	44/56	34/40	46/67
Totals	775/1588	171/376	197/421	210/435	223/443	244/429	254/492

We point out again that yearly changes depend in part on arbitrary decisions about what constitutes a countable pair. Production of young per territorial pair was 2.0 in 2002, 2.2 in 2003, 2.2 in 2004, 2.1 in 2005, and 2.0 in 2006, 2.0 in 2007, 1.8 in 2008, and 1.9 this year.

Table 2
PEREGRINE POPULATION GROWTH AND PRODUCTIVITY
IN THE MIDWEST, 1981-2008

Year	Hacked Young	Terr. Pairs	Nest. Pairs	Succ. Pairs	Young Fledged	Young/Terr. Pair	Young/Nest. Pair	Young/Success. Pair
1981-6	130	4	2	0	0	0	0	0
1987	78	6	4	1	3	0.5	.75	3.0
1988	90	13	8	6	16	1.2	2.0	2.7
1989	129	16	12	9	22	1.4	1.8	2.4
1990	113	23	16	13	33	1.4	2.1	2.5
1991	147	30	22	17	36	1.2	1.6	2.1
1992	112	37	32	23	68	1.8	2.1	3.0
1993	41	53	43	33	87	1.6	2.0	2.6
1994	67	62	51	41	116	1.9	2.3	2.8
1995	58	67	53	43	118	1.8	2.2	2.7
1996	26	77	58	48	127	1.6	2.2	2.6
1997	36	90	69	58	167	1.9	2.4	2.9
1998	55	99	84	74	205	2.1	2.4	2.7
1999	63	107	89	76	214	2.0	2.4	2.8
2000	32	129	101	83	243	1.9	2.4	2.9
2001	24	133	119	102	290	2.2	2.4	2.8
2002	19	144	128	106	284	2.0	2.2	2.7
2003	16	163	144	125	352	2.2	2.4	2.8
2004	7	171	153	133	376	2.2	2.5	2.8
2005	6	197	169	149	421	2.1	2.5	2.8
2006	4	210	172	153	437	2.0	2.5	2.8
2007	3	223	186	163	443	2.0	2.4	2.7
2008	0	244	190	160	429	1.8	2.4	2.8
2009	0	254	198	171	492	1.9	2.5	2.9
Total	1253	2552	2103	1787	4979	1.9	2.4	2.8

Note: “Young fledged” includes all young surviving to first flight from nest. Falcons hacked in Tennessee, Alabama, and Arkansas are excluded on geographic grounds. Some totals for earlier years shown here differ from previous editions of this table as new information has become available.

SUMMARY OF PEREGRINE NESTING IN 2009

In the Midwestern United States, southeastern Manitoba, and the Lake Superior basin of Ontario in 2009, 254 pairs, up from 244 pairs in 2008, were known to be on territories. 198 pairs (78%) laid eggs, 171 pairs (86% of the nesting pairs) were successful in fledging 492 young, 2.8 young per successful pair, 2.4 per nesting pair, 1.9 per territorial pair. Of the 191 pairs that laid eggs, 128 (50%) were on buildings, 29 (11%) were on smokestacks, 21 (8%) on bridges, and 76 (30%) on cliffs.

Comparing this year with 2008, the total number of known pairs was larger (254 compared to 244 in 2008), however, with some sites not visited or unreported, these are minimum numbers

2009 POPULATION STATUS

TOTALS FOR REGION:

171 known successful pairs produced 492 young, of which 393 were banded; at least 171 pairs were reported to have fledged young successfully (SP in list below). Accordingly 99 were not banded owing to problems with access, timing, or resources.

28 pairs laid eggs but failed to fledge young (LE)

55 pairs, non-breeding (NB)

254 territorial pairs (SP, LE, NB)

NORTH DAKOTA

Jackie Fallon collected and submitted the information for these North Dakota sites in this report.

SP-Community First Bank, Fargo (currently known as Bank of the West), Cass County, North Dakota. Wick Corwin reports that for the second year, five-year-old female Miracle (b/g) (28/D), 2004 hatch from NSP Sherco plant in Becker, MN was paired with twelve-year-old male Dakota Ace b/r *H/D, 1997 hatch in Sioux Falls, SD, here for the ninth year. Three young falcons were banded in early June, one male and two females. All fledged in late June, although the male died on fledgling day.

First year nesting attempted: 2000

Total young produced: 27

SP-Smiley Tower, Grand Forks, Grand Forks County, North Dakota. David Lambeth reported that a pair of peregrines was successful again this year. For the second year, three-year-old female Terminator, bl *T/2 and a 2006 hatch from McKenzie Seeds, in Brandon, Manitoba Canada was on territory and paired for the first time with two-year-old male Roosevelt b/r 16/A, a 2007 hatch from Fargo, ND. The pair laid three eggs and all three hatched. Two females and one male were banded in late June, and all fledged successfully. Unfortunately, one of the female chicks died shortly after fledging.

First year nesting attempted: 2008

Total young produced: 4

MINNESOTA

Nest Sites: North Shore and Northern Minnesota

Bob Anderson (Raptor Resource Project) and Jackie Fallon submitted the information for this sites in this report.

Each year, Minnesota North Shore peregrines are banded with the essential and much appreciated help of expert climbers from the Wolf Ridge Environmental Learning Center, Finland, Minnesota. This year, the climbers and others that helped at the North Shore sites were (alphabetically): Karla Anderson, Gail Buhl, Dave Evans, Laura Freeman, Dave Graf, Erin Manning, Mark Martell, Jim Mussell, Peter Smerud, Joel Sniegowski, Joe Walewski.

SP-Crow Creek, Lake County, Minnesota. This site was occupied regularly by the pre-DDT peregrines and again since 2003. Nine-year-old Wally b/g P/R, fledged at Palisade Head in Tettegouche State Park in 2000, paired for the first year with a Canadian female, black 59/V, 2007 hatch from Mink Bay, Ontario. Three eggs were laid, one

hatched and a single female chick was banded on June 18 and fledged successfully in early July. Dave Evans identified male Wally b/g P/R in 2002 at Silver Cliff, about two miles from Crow Creek.

First year nesting attempted: 2003

Total young produced: 12

SP-Castle Cliff, Castle Danger, Lake County, Minnesota. Mike Steffes and Dave Evans reported on this pair for the eighth season. The pair remained very elusive during the typical nesting months of April and May, making it very difficult to determine banding status. Eventually, Evans was able to identify the pair, eight-year-old male Matt b/g L/A, 2001 hatch from Corundum Point at Split Rock Lighthouse State Park and an adult unbanded female. Four eggs were laid, and in late June, four young were banded, two males and two females. All young fledged successfully.

First year nesting attempted: 2001

Total young produced: 26

SP-Corundum Point Cliff, Split Rock Lighthouse State Park, Lake County, Minnesota. As in former years, the adults are very cautious, usually soaring high above when disturbed. Dave Evans again spent many hours trying to identify the pair and was able to determine that fifteen-year-old Dudley b/r 8/*D, 1994 hatch from Palisade Head in Tettegouche State Park and an unbanded adult female were using the usual nest ledge on the southeast face of the cliff. Four young were banded in early June, and two males and two females fledged in late June.

First year nesting attempted: 1997

Total young produced: 28

SP-Islet Bay Cliff, one mile SE Beaver Bay, Highway 61, Lake County, Minnesota. Joe Walewski monitored this site and reported that a pair of birds were once again using the ledge near the top of the cliff, as in 2008. For the second year, four-year-old Winkin b/g K/19, 2005 fledge from Kennedy Creek, MN was paired with an unbanded adult female. Three eggs were laid and all three hatched. The banding team banded the young in late June, two males and a female. The property owners reported all three chicks to have fledged successfully.

First year nesting attempted-2008

Total young produced: 5

SP-Pink Cove, Beaver Bay, Lake County, Minnesota. Joe Walewski reports that an unbanded pair of adults once again were on territory in early April. Nesting occurred in an abandoned raven's nest and four young were banded in mid-June, two males and two females. All four fledged in early July. One of the young females, Peg b/g N/92 was trapped by a bird bander near Duluth, MN in early September and found to be in excellent condition and weight.

First year nesting attempted: 1996

Total young produced: 20

SP-North Shore Mining, Silver Bay, Lake County, Minnesota. Dave Evans report that adult male Mollie, black 14/H, 2004 fledged from Mollie Mountain in Ontario, was again paired with newly banded adult female Molly b/r *G/*C. This female had been successfully trapped by Evans in 2008 and is of unknown age and fledge location. The pair nested for the first time in a box that was installed in 2006 by Fallon and John Arent, in the hopes that access would be easier than in previous years when the adults chose to nest in a beam on a loader. A single female chick was banded in mid June, and known to have fledged successfully in early July. The mine staff continues to assist the banding team with observations and eagerly await the banding activities in mid summer.

This site is one of seven in the state that is part of the delisting monitoring plan by US Fish and Wildlife Service.

First year nesting attempted: 1999

Total young produced: 26

SP-Birch Bay, Lake County, Minnesota. Peter Harris reported a pair of birds nesting on a cliff in a raven nest. For the fourth year, a pair nested in the usual nest ledge that was first discovered in 2006 on private property. An unidentified adult b/g banded male was paired with an unbanded adult female, possibly the same female as in 2008. Laura Freeman and Joe Walewski climbed the site and retrieved two young chicks, both males. They were banded quickly due to the impending rain storms that were approaching the area. Both young fledged successfully, according to neighbors, Peter Harris and his family. Once again, the banding team appreciated the support of the private property owner who allows us to continue to band the young on his land.

First year nesting attempted: 2006

Total young produced: 12

SP-Kennedy Creek Cliff, Lake County, Minnesota. Joe Walewski helped keep track of this site. This season the pair moved back to the nest ledge on the point of the cliff, which peregrines have used in several previous years. The male is eight-year-old Chris b/g P/V, fledged in 2001 at Castle Cliff, Castle Danger, MN, here for the sixth year, and paired with an unbanded adult female. Four eggs were laid, and four young were banded in late June. The four young fledged in early July, two males and two females.

First year nesting attempted: 1995

Total young produced: 23

SP-Carlton Peak, Temperance River State Park, Cook County, Minnesota. New Site for 2009. In April, park staff reported to Fallon that a pair of birds were on territory and appeared to be incubating. The adult pair, female bl 53/K, 2006 hatch from

Squaretop Mt. in Ontario and an unbanded adult male appeared to nest and laid three eggs. By early June the behavior of the adults indicated that young had hatched and the banding team arrived at the site in mid June to band the young. Three 15-16 day old chicks were banded, two females and a male, all very healthy looking. Also, two of the park interns were able to observe this year's banding, and were able to observe "first hand" what field work can be like. They seemed to really enjoy themselves and were given the opportunity to name two of the chicks. Laura Freeman, Joe Walewski, and Erin Manning climbed the site.

First year nesting attempted: 2009

Total young produced: 3

SP-Gold Rock Point, Split Rock Lighthouse State Park, Lake County, Minnesota.

Dave Evans observed on territory in late April. Four-year-old male Hunter b/g K/03, 2005 hatch from Palisade Head at Tettegouche State Park was paired with an unbanded adult female. Three eggs were laid and three young hatched in late May. Three females were banded in early June, but one of the young chicks was found dead below the nest ledge shortly after banding. The two remaining females fledged successfully by late June.

First year nesting attempted: 2007

Total young produced: 4

SP-Manitou Cliff, northeast of Little Marais, Lake County, Minnesota. Dave Evans reports that seven-year-old female Susan b/g 9/*2, fledged in 2002 at Corundum Point, is paired with an unbanded adult male. Access to the site was once again permitted by the property owners, and three young chicks were banded in mid June. The two males and single female fledged successfully in early July.

First year nesting attempted: 1999

Total young produced: 19

SP-Minnesota Power Hibbard Plant, Duluth, St. Louis County Minnesota. Jeremy Anderson and Amy Ries went up the stack to band here. The babies were healthy and the parents not very aggressive. Banding went well on June 11, 2009 – one female and two males. The adult female here is a 2003 hatch from Caribou Island in Canada.

First year nesting attempted: 2008

Total young fledged: 5

SP-Greysolon Plaza (aka Duluth Hotel), Duluth, St. Louis County, Minnesota. Two females and two males were banded on June 11, 2009. Two of the young were found dead later, and one was taken to The Raptor Center, treated, and released. Adult female was b/g 82/C Amy and adult male was unknown.

First year nesting attempted: 2003

Total young fledged: 19

SP-Minnesota Power and Light Boswell Energy Center, Cohasset, Itasca County, Minnesota. Bob Anderson and Amy Ries banded one female and two males here on the morning of June 18, 2009. The falcon nest box is mounted to a catwalk about 275 feet up the stack. Unlike many of the electric utility sites they manage, banding here entails a long ladder climb!

First year nesting attempted: 1993

Total young fledged: 49

LE-Clearwater Lake, BWCA, Cook County, Minnesota. Melissa Grover of USFWS reported that a pair of unidentified peregrines appeared to be nesting in mid May on a cliff in the wilderness area. In early June, three young chicks were observed by Grover, but on subsequent visits to the site, the young were not present and did not appear to survive to banding age or fledging

First year nesting attempted: 2008

Total young produced: 3

LE-Butterwort Cliffs, Cascade River State Park, Cook County, Minnesota. New Site for 2009. Melissa Grover of the U.S. Forest Service discovered this site in April and found two adult, unbanded falcons on territory and incubating three eggs. However, on banding day in mid-June, only the adult female was in the area and she did not behave very defensively towards the banding team. When the climbers went to the eyrie, nothing was found in the nest. Melissa believes that this is the same site that was used by the pair of birds observed in 2008, when several Forest Service employees saw adults and a juvenile falcon in the area.

First year nesting attempted: 2008

Total young produced: 1

LE-Palisade Head cliff, Tettegouche State Park, Lake County, Minnesota. Joe Walewski and Dave Evans observed a pair of peregrines on territory in early spring, the male is banded with a silver USFWS band only and the adult female was unbanded. Four eggs were laid but none hatched this season. Although no young were produced this season, the pair remained on territory throughout the summer. State park DNR staff continues to post the area to prevent disturbances to the nesting birds at this popular rock climbing site throughout the nesting and fledging season.

First year nesting attempted: 1988

Total young produced: 57

NB-Silver Cliff, Lake County, Minnesota. In mid-May, Dave Evans was able to identify one-year-old female *Tamias b/g *X/*Y*, 2008 hatch from Pink Cove in near Beaver Bay, MN. An unidentified adult male soon joined her and the pair took off behind the cliff. Despite looking throughout the entire area, Dave was unable to locate an active nest.

First year nesting attempted:

Total young produced: 0

NB-Taconite Harbor, Lake County, Minnesota. Joe Walewski reports that a pair of unknown adults was on territory in spring and early summer, but did not appear to nest successfully or at all. Access to the site is by boat, and no nest was found during repeated visits to the island.

First year nesting attempted: 2005

Total young produced: 3

NB-Finn Church, two miles northeast of Tofte, Cook County, Minnesota. No birds were found to nest in the area this season. An occasional bird was seen but no nesting at the site was found. This cliff face is very fragile and failures often occur, sometimes with the entire eyrie collapsing into Lake Superior during incubation or brooding.

First year nesting attempted: 1993

Total young produced: 17

[Superior Shores, Rocky Point, Two Harbors, Lake County, Minnesota. Dave Evans reports that he observed a single, unidentified bird in April, but despite numerous following visits to the site in the spring and summer, no birds were observed on territory.

First year nesting attempted: 2006

Total young produced: 2]

[Hat Point, Cook County, Minnesota. No report was obtained about this site in 2009. The site has produced young in the past, but is extremely remote and the access can be difficult.]

Nest Sites: Minneapolis/St Paul Metro Area

Bob Anderson (Raptor Resource Project) and Jackie Fallon submitted the information for this sites in this report.

SP-Colonnade Building, Hwy. 100 and I-394, Golden Valley, Hennepin County, Minnesota. For the second year, an unbanded adult male appeared in March, and was paired with six-year-old female Loree b/g 49/E, here for the fourth year. Four eggs were laid in an open gravel tray, four hatched and four young fledged, one male and three females. In late September, one of the employees confirmed that a new adult female was on territory, six-year-old female Speedy b/g 30/E, 2003 hatch from the King plant in Bayport, MN. We are unsure as to what may have happened to Loree at this time.

First year nesting attempted: 1991

Total young produced: 62

SP-Multifoods Tower (currently called City Center), Minneapolis, Hennepin County, Minnesota. The male here for his fifth season is six-year-old Younger b/g

04/N, fledged in 2003 at Maiden Rock, WI. The unbanded female is most likely the same female here since 2003 from photograph identification. Four eggs were laid and four young hatched and fledged, all females. The banding of the young was once again held so the tenants and other visitors could see the process, and hopefully gain an appreciation for the species.

First year nesting attempted: 1987

Total young produced: 50 (plus 21 hatched)

SP-Riverside Plaza/I-94 Mississippi River Bridge, Minneapolis, Hennepin County, Minnesota. Fourteen-year-old Phoebe was paired for the sixth year with an unidentified male early in the season. On March 13th, Phoebe was found dead in the area and a new female was on territory. This new female was identified by Luis Cruz as four-year-old female, b/g N/53, a 2005 hatch from the Champion International Paper plant in Sartell, MN. The male was identified later during incubation as three-year-old Frisco b/g K/13, 2006 hatch from Lock and Dam 1 in Minneapolis, MN. A visit in early June revealed three young chicks at perfect banding age. The two males and single female were banded and later fledged successfully from the box on the 37th floor of the McKnight building.

This site is one of seven in the state that is part of the delisting monitoring plan by US Fish and Wildlife Service.

First year nesting attempted: 1997

Total young produced: 21

SP-Norwest Financial Center (currently called Wells Fargo), Xerxes and I-494, Bloomington, Hennepin County, Minnesota. For the twelfth year, a pair nested in an open tray on the east side of the building. Throughout the winter, a pair of birds were observed on territory, twelve-year-old Mendota b/r *4/C and five-year-old MPR2 b/g D/32, 2004 hatch from the Multifoods Tower in Minneapolis, MN. The pair laid six eggs approximately 2 weeks earlier than any other year, five hatched and all banded, three males and two females. On banding day, one of the male chicks was noticed to be significantly smaller than his siblings and was found to have a fair amount of gravel in his digestive system. He was brought to The Raptor Center for a few days of treatment and given supportive care before being returned to the site.

This is the second year in a row that this female has produced five live young, quite a feat for a twelve-year-old bird. All young were observed to have fledged successfully in late June.

First year nesting attempted: 1997

Total young produced: 40

SP-NSP Black Dog Plant, Eagan, Dakota County, Minnesota (aka Xcel Energy Black Dog Plant). Like the King and Lansing sites, Black Dog is part of a monitoring project to determine the health of the peregrine falcon population following delisting. Last year, the

plant made an unfortunate discovery. Some dead falcons were found in the natural gas stack immediately adjacent to the coal stack on which the nestbox is placed.

There was a great deal of discussion about why the deaths occurred and what to do about it. The natural gas stack is not always on line, and when it is, the emissions aren't hot, so it was determined that the falcons weren't flying over and being singed so they couldn't fly, or burned to death. Furthermore, the stack aperture is pretty small, so it seems unlikely that a falcon would fly over it, be overcome, and fall straight down into it. All the dead falcons were found inside the stack.

Xcel Energy decided to install spikes to discourage falcons (and other birds) from perching on the stack. Since the top of the stack was unreachable by ladder or elevator, they used a crane to hoist a worker 230 feet into the air. Spikes were welded on the top and on a bar across the hole. Unfortunately, the plan didn't work. In late July, a plant employee entered the stack and found a dead falcon and a live falcon. He was able to release the live falcon.

Bob Anderson believes that the falcons may be chasing smaller birds, such as swifts, into the natural gas stack. The smaller birds are able to escape, but the falcons are not. Given the risk to the falcons, we have decided to pull the box. We appreciate Xcel's efforts to try to make the stack safer for falcons, and regret that it didn't work.

All in all, four chicks hatched and two males and two females were banded on 6/11/2009. Banders this year were Bob Anderson, Jeremy Anderson, and Amy Ries. Mandy Rose, the new female here, is a 2004 hatch from the Xcel Energy Monticello plant.

First year nesting attempted: 1990 Total young fledged: 46

SP-High Bridge, Highway 149, St. Paul, Ramsey County, Minnesota. In early April, an adult pair of birds were observed to be on territory and interested in nesting on a section near a concrete pillar on the south side of the river. Six-year-old female Athena, b/g 01/D, 2003 hatch from Cedar Rapids, IA and an unbanded adult male were identified by Fallon in late May, most likely the same pair as in 2008. In early June, Fallon observed the male go to a food cache on the bridge and then fly to the nest area, where vocalizations of at least two chicks were heard. The pair nested in a section of the bridge that was not accessible to the banding team to band the young, so the young fledged without bands. In July, a female chick was brought to the Raptor Center due to an ulna and coracoid fracture. She was successfully released in the area within a few weeks.

In 2007, the nest box was removed from the nearby Xcel Energy plant and the smokestack was raised in early 2008. The above pair nested at the plant from 2005-2207 and produced 8 young during that time.

SP-North Central Life Tower (currently called Bremer Tower), St. Paul, Ramsey County, Minnesota. Throughout the winter and spring, seven-year-old Jill b/g 50/B,

fledged in 2002 from a cliff at Castle Rock, Wisconsin was paired once again with fifteen-year-old Sota b/r 8/*E, fledged in 1994 from the Mayo Clinic, Rochester, MN. Ultimately, four eggs were laid in the box and all four hatched and the young were banded in early June, two males and two females. All four fledged in late June. Lori Naumann of MNDNR Non-Game Program watched this site throughout the nesting season and significantly helped in determining egg laying, hatching and when the banding should take place.

As noted in previous years, the male at this site has partially missing digits or stunted talons on two of the four toes on each foot. Even so, and despite his age, he seems able to provide adequate food for his mate, himself, and young.

First year nesting attempted: 1988

Total young produced: 53

SP-NSP King Plant, Bayport, Washington County, Minnesota (aka: Xcel Energy King Plant, Oak Park Heights, Washington County MN). Adult falcon W/E appeared to over-winter at this plant. Brent, a 2006 hatch from Faith Bluff, Winona, returned in the spring.

In 2009, this year marked the 1,000 peregrine to fledge from a utility nest box. The peregrine-utility program started at Xcel Energy's King Plant in 1988, when an employee spotted a falcon and called in the Raptor Resource Project to confirm it. We installed a nest box. In 1989 Mae, a daughter of project-bred and released falcon MF-1, adopted it. She bred at the King plant until Belinda replaced her in 2004. The King plant, which is part of a monitoring project to determine the health of the peregrine falcon population following delisting, has an excellent history of producing young falcons. Five eggs were laid, with three hatching. All three females were banded June 3, 2009.

First year nesting attempted: 1989

Total young fledged: 50

SP-NSP Monticello Plant, Monticello, Wright County, Minnesota (aka Xcel Energy Monticello Plant Wright County, MN). Dan Orr banded the young falcons – one female and two males - here on June 18, 2009. Mother Camilla has nested here since 1996, which makes her one of the older falcons at the sites Bob Anderson coordinates.

First year nesting attempted: 1995

Total young fledged: 46

SP-NSP SHERCO Plant, Becker, Sherburne County, Minnesota (aka Xcel Energy Plant Becker, Sherburne County, MN). Female 30/B was back for another year. 30/B is a rehabbed bird who was brought into the Raptor Center with a head injury. She was treated, banded and released from the Mayo Clinic in Rochester, MN in 2002. She lost a fight for the GRE nestbox before settling here. Xcel biologist Dan Orr and Brenda Hoskyns banded the

young falcons here on June 9, 2009 – one female and two males. Cornell University has linked to the birdcam at this site.

First year nesting attempted: 1992

Total young fledged: 45

SP-Great River Energy, Elk River, Sherburne County, Minnesota. In the early morning of 3/17/09, a 10-minute fight took place in the nest box between the possible 2008 unbanded female, and the 2007 banded 30/B female. The unbanded female won rights to the nest box. 30/B went back to the Sherco plant, where she nested last year. On June 9, 2009, four chicks were banded – three males and one female.

First year nesting attempted: 2007

Total young fledged: 9

SP-State Prison/University Bridge, St. Cloud, Stearns County, Minnesota. For the seventh year, a pair of peregrines nested in a box on the water tower at the state prison. A new pair was identified this season, the female is eight-year-old female Copper b/g *7/C, fledged in 2001 at Fargo, North Dakota, and her half-brother, six-year-old Dakotah b/g 78/P, fledged at Fargo in 2003. This pair previously nested at Champion International Paper in Sartell, MN, located a few miles to the north. Three young fledged, one male and two females, but were not banded due to access restrictions. We are currently undergoing discussions that will hopefully allow access to the nest box and banding of the young chicks in the future.

This site is one of seven in the state that is part of the delisting monitoring plan by US Fish and Wildlife Service.

First year nesting attempted: 1994

Total young produced: 22

SP-3M Facility, Langdon (Cottage Grove), Washington County, Minnesota. The male, Charlie b/g 64/P is a 2003 hatch from Horizon Milling in Lake City. He tried nesting in Hastings, MN in 2006. Two females and one male banded on June 3, 2009.

First year nesting attempted: 2008

Total young fledged: 5

LE-City Hall, Minneapolis, Hennepin County, Minnesota. An adult female peregrine wearing only a silver USFWS band on her left leg (1807-348XX), origin unknown, was first reported at this site in 2000. She once again was paired with six-year-old Bor, b/g 03/N, fledged in 2003 at NSP Monticello plant in Monticello, MN. The pair, nested in the tray and laid 3 eggs. After 6 weeks of incubation, observations revealed that the pair was still incubating the eggs and they were removed from the tray the following week. The eggs were very small for peregrine eggs and white in color. Jim Mussell and Joel Sniegowski climbed at this site.

First year nesting attempted: 2000

Total young produced: 9

LE-Lock and Dam 1/Ford Parkway Bridge, Minneapolis, Hennepin County, Minnesota. For the first year, a pair of two-year-old birds were observed on territory. The male was Elspeth, b/g 27/A, 2007 hatch from Cedar Riverside Apt. in Minneapolis, MN and the female is Lightning, b/g P/16, 2007 hatch from the NSP King plant in Bayport, MN. The pair nested in the nest box installed in 2003 on the high-wall at the west end of Lock and Dam 1, about 250 yards downstream from the bridge. An unknown number of eggs were laid in the box, but mid-way through incubation, a construction crane arrived at the nearby Veterans Home above the box and the pair was very anxious and nervous about staying on the eggs. The pair remained on territory but never completed the incubation of the eggs.

This site offers some of the best public viewing of a peregrine nest and post-fledging behavior from the observation platform.

First year nesting attempted: 2000

Total young produced: 25

LE-Flint Hills Refinery, Rosemount, Dakota County, Minnesota. For the fifth year, a pair of adult peregrines was on territory at the refinery. The adult female is Trudy, b/g 41/B, 2002 hatch from the NSP plant in Monticello, MN and the male is five-year-old Rutherford, b/g 34/N, 2004 fledge from NSP King plant in Bayport, MN. Four eggs were laid on one of the structures, but did not hatch. At the request of the refinery, a nesting structure has not been installed, allowing the birds to reproduce without human aid.

First year nesting attempted: 2005

Total young produced: 0

LE-Marathon Oil, Inver Grove Heights, Dakota County, Minnesota. New Site for 2009. In early May, it was reported to Fallon by a plant employee, there was a pair of peregrines nesting on an unused structure. Mike Lukes of the plant confirmed the bird's presence and it was confirmed that the pair had laid eggs. A few weeks later, it appeared the birds had failed at the first location and had moved to another location and re-nested. Photographs identified the adult female as Jaime b/g P/94, 2006 hatch from the NSP Prairie Island plant in Goodhue County, and the male has yet to be identified. Two eggs were laid at the second location and the defensive behavior of the pair escalated. Conversations took place between DNR and USFWS and the plant to decide options for the birds. It was decided to allow the birds to finish nesting in the current location, but in the future a box will be installed by the plant on an unused structure where the behavior would hopefully not impact the operation of the staff and their daily responsibilities.

First year nesting attempted: 2009

Total young produced: 0

NB-Space Tower, State Fairgrounds, St. Paul, Ramsey County, Minnesota. Laura

Freeman and Brad Johnson spent several weeks observing this site. In the early portion of the nesting season, a pair of birds were found on territory but were not present for very long. By late March, no birds were observed at the site. The site owners made a visit to the box in late May and found no eggs in the structure. For a variety of reasons, the box will be removed from this site in the fall of 2009. This site has never had successful reproduction in the past 11 years.

First year nesting attempted: 1998

Total young produced: 0

NB-Milwaukee Railroad Bridge/Hastings Cliff/Highway 61 Bridge, Hastings, Dakota County, Minnesota. For the second year, an unbanded adult female was on territory with six-year-old male, Charlie b/g 64/P, fledged in 2003 from Horizon Milling, Lake City, Minnesota. However, within a month, the female was the only bird who remained at the site. In early June, it was noted by Russ Edmonds, a staff member at the nearby 3M Cottage Grove plant, that Charlie was identified to be on territory with the female who was incubating eggs on their water tower (see **3M Langdon, Cottage Grove below**). The unbanded female remained on territory throughout the summer but failed to attract another male to the site.

First year nesting attempted: 2001

Total young produced: 5

NB-Midwest Plaza, Minneapolis, Hennepin County, Minnesota. Although this site has produced young in the past, including in 2008, staff members of the site did not observe any birds on territory throughout the season.

First year nesting attempted: 2004

Total young produced: 9

NB-Mendota Bridge, Fort Snelling State Park, Dakota County, Minnesota. For the eleventh year, twelve-year-old female P.W. b/r *5/V, fledged in 1997 from the Ford Parkway bridge, Minneapolis, was observed on territory. However, no male was ever observed during the breeding or nesting season. P.W. remained on territory throughout the summer months. Mike Billings and Karla Anderson assisted with observations to this site.

First year nesting attempted: 1996

Total young produced: 26

[3M Watertower, St. Paul, Minnesota. The pair of birds that nested at Bremer Tower used the site for perching and plucking. No other birds were ever observed at the site and no interest was shown in the box.]

[Sartell International Paper, Sartell, Minnesota. No birds were observed at the site this season. The previous pair of birds who utilized the site has moved on after the box was removed at the request of the company – this, owing to aggression by the female.

First year nesting attempted: 1999

Total young produced: 9]

Nest Sites: Mississippi River and Southern Minnesota

Bob Anderson (Raptor Resource Project) and Jackie Fallon submitted the information on this sites for this report.

SP-Cargill Elevator, Red Wing, Goodhue County, Minnesota (aka Red Wing Grain Stack House Red Wing, Goodhue County, MN). Adult female Husker, fledged from the Woodman Tower in Nebraska, is a daughter of Zeus, released by the Raptor Resource Project in Rochester, New York. She is also very aggressive. Chuck Bremer, a plant employee who usually joins us for banding, did a wonderful job protecting us while we retrieved the babies from the nestbox. Two females were banded June 2, 2009.

First year nesting attempted: 2001

Total young fledged: 21

SP-Cargill Elevator, Lake City, Wabasha County, Minnesota (aka: Horizon Milling, Lake City). Eight-year-old male Gretch K/U, a 2000 fledge from Dairyland Power Genoa, paired with eight-year-old female Lolo 29/A, granddaughter of Mae fledged from Xcel Energy Highbridge in 2001. Four young were produced, two males and two females, all of which were banded May 21, 2009.

First year nesting attempted: 2002

Total young fledged: 27

SP-North Star Bridge, Highway 169, Mankato, Blue Earth County, Minnesota.

Merrill Frydendall and Minnesota falconers Matt Lasch and Curt Ruthenbeck reported that once again, a pair of peregrines was on territory at the Highway 169 Bridge over the Minnesota River that separates North Mankato and Mankato. Five-year-old female Betsy b/g 31/D, 2004 fledge from NSP plant in Prairie Island, MN returned for a third year, and was paired for the second year with two-year-old Tony, b/r 13/A, fledged in 2007 from the Norwest Financial Center building in Bloomington, MN. The pair nested in the tray that was placed on the bridge to allow for easier access by the banding team in the fall of 2007 by DOT staff Larry Cooper and other employees. Four eggs were laid and two young hatched and were banded on June 4. The two young fledged successfully and were closely monitored by Frydendall and Cooper.

First year nesting attempted: 2006

Total young produced: 11

SP-Mayo Clinic, Rochester, Olmsted County, Minnesota. Tom Behrens report that a pair of peregrines nested successfully here for the fifth year, after seven unproductive years between 1997-2004. Once again, an unbanded adult male and an unbanded adult female produced four eggs. Three males were banded on 6/2/2009 and all three fledged on 6/20/2009. In September, the female was found to be emaciated and diagnosed with a

severe case of trichomoniasis at The Raptor Center. Unfortunately she succumbed to the disease the following day.

First year nesting attempted: 1991

Total young produced: 33 (plus 32 hatched)

SP-Queens Bluff, Great River Bluffs State Park, Winona County, Minnesota. Eight-year-old female, b/g K/*1, a 2001 fledge from Maiden Rock cliff in Wisconsin and five-year-old Cranberry b/g 17/N, a 2004 fledge from Dairyland Power Cooperative, Genoa, WI, nested in the cave eyrie that has been used since 2000. Four young were banded in late May, 2009, one male and three females, and all four were observed to have fledged by mid-June. Jim Mussell and Joel Sniegowski climbed the cliff here.

First year nesting attempted: 2000

Total young produced: 26

SP-Bay State Milling, Winona, Winona County, Minnesota. New Site for 2009.

About 10 years ago, Maggie Lubinski put a nestbox on the roof of Bay, where her father works, as part of a 4-H project. The box sat mostly empty until this year, when two falcons nested there. The adult female is Chicklet, a 2005 hatch from Dairyland Power Genoa. Male is unknown. Two females and one male were banded in June 9, 2009.

First year nesting attempted: 2009

Total young fledged: 3

SP-Precipitace Cliff, Whitewater State Park, Winona County, Minnesota. New Site for 2009. Park Naturalist Dave Palmquist contacted Dr. Pat Redig at The Raptor Center in late April with reports of a pair of adult peregrines, two-year-old female Caya b/g K/66, 2007 hatch from Lock and Dam #9 and an unbanded adult male, to be utilizing a cavity on Precipitace cliff in the park. The site was observed by Fallon in late April, late May and in early June and she confirmed the adult female to be feeding chicks. The site was climbed on June 12th and the eyrie accessed by Joel Sniegowski. Two chicks were found, a male and female, and were banded and photographed quite heavily by the committee of observers that attended this special event. The two chicks were observed by park naturalist, Dave Palmquist throughout the month and known to have fledged successfully and still in the area in early September. Karla Anderson and Jim Mussell assisted in the climb to the natural eyrie. Of special note, the last peregrine falcon known to have been banded in MN, sometime in the 1960's, occurred in this state park.

First year nesting attempted: 2009

Total young produced: 2

SP-Great Spirit Bluff, La Crescent, Houston County, Minnesota. The falcons here are nesting in a nestbox mounted on the cliff. On May 30, 2009, three females and one male were banded. Adults are unknown

First year nesting attempted: 2005

Total young fledged: 18

LE-Charity Bluff, John Latsch State Park, Winona County, Minnesota. In early March, Fallon confirmed that a nesting pair of falcons was nesting on the northernmost cliff within the park. Most likely the same male as in 2008 was on territory, since this year again the male was wearing only the (b/g) project band and no USFWS band. This year, for the first time, a second year, unbanded female was paired with him. The pair laid three eggs, and the male was observed to make a food delivery on May 30th and feeding behavior, indicating that they had a live chick. However, on banding day, the team discovered two unhatched eggs and no chick. It is possible that the chick succumbed to predation by a predator, but cannot be confirmed. This is only the second year that a pair of peregrines have used this cliff, which has a unique eyrie, with a larger section that is quite open for a natural cliff.

An additional note to make involved the ability of the climbing team to capture the single banded male so we could apply another USFWS band. We were also able to determine the identity of the male to be Spider, b/g 68/P, 2003 hatch from Dairyland Power Cooperative plant in Genoa, WI. Park manager Rick Samples joined the banding team for the first time this year.

First year nesting attempted: 1986

Total young produced: 4

LE-NSP Prairie Island, Goodhue County, Minnesota (aka Xcel Energy Prairie Island Plant, Goodhue County, MN). Bob Anderson found nothing but addled eggs in the nestbox. However, while leaving, he observed three peregrine falcons on site.

First year nesting attempted: 1997

Total young fledged: 35

NB-Wabasha Bridge, Highway 60, Wabasha, Minnesota. Mary Beth Garrigan and Scott Mahaus reported to the field team that a pair of peregrines were copulating and appeared to be interested in the bridge during early March. Fallon went to the site a few days later and identified the adult male as three-year-old AJ b/g D/96, a 2006 hatch from Black Dog energy plant in Eagan, MN and Ursula, b/g *Y/*K, 2008 hatch from Northwest Financial Center in Bloomington, MN. The pair investigated the bridge throughout the spring but did not appear to nest in the tray that was provided and installed by MNDOT crew members.

First year nesting attempted: 2008

Total young produced: 0

[Faith Bluff, John Latsch State Park, Winona County, Minnesota. No information for this site in 2009.

First year nesting attempted: 1986

Total young produced. 7]

WISCONSIN

Peregrines along the eastern Lake Michigan shoreline, the Fox River Valley and the Wisconsin River are diligently monitored and managed by Greg Septon (Wisconsin Falcon Watch) who provided the following information about peregrine success in 2009. Bob Anderson (Raptor Resource Project) and Jackie Fallon collected and submitted the remainder of information on these sites.

SP-Miller Brewery, Milwaukee, Milwaukee County, Wisconsin. An unbanded adult female, believed to be the same as the last couple of years, paired again with Herbert b/g 80/N produced at the We Energies Valley Power Plant in Milwaukee in 2004 - here for the fourth year. Four eggs were laid, four hatched and two females and two males were banded on May 30, 2009.

First year nesting attempted: 2002

Total young produced: 24

SP-Firstar Center, Milwaukee, Milwaukee County, Wisconsin (Now US Bank – Milwaukee). Female at this site is again Maya b/g M/12 who was produced in 2006 at the Weston Power Plant in Rothschild, WI, and is here for her second year. She paired with an unidentified (b/g) banded adult male. Two eggs were laid here, one hatched and one male was banded on May 29, 2009.

First year nesting attempted: 1988

Total young produced: 49

SP-We Energies Oak Creek Power Plant, Oak Creek, Milwaukee County, Wisconsin. April. Female Atlanta b/r L/*C, produced in 1996 at the WPS Pulliam Power Plant site in Green Bay, WI, is here for her 11th year. She paired with Scotty b/g M/Y, here for his fourth year, and produced in 2000 at the Malteurop Complex. Four eggs were laid, two eggs hatched, and one female and one male banded on June 5, 2009.

First year nesting attempted: 1988

Total young produced: 40

SP-We Energies Port Washington Generating Station, Port Washington, Ozaukee County, Wisconsin. The adult female here is once again Icon b/g 50/D back for her fourth year. Icon was produced in 2004 at the LTV Steel site in Cleveland, OH. The adult male is banded (b/g). Four eggs were laid yielding two females and one male that were banded on June 2, 2009.

First year nesting attempted: 2000

Total young produced: 34

SP-WPL Edgewater Generating Station, Sheboygan, Sheboygan County, Wisconsin.

Greg Septon reports the adult female at this site b/g P/63 was produced in 2005 at the Grand Haven L. and P. Sims Plant in Grand Haven, MI, and is here for her second year. The adult male is banded (b/g). Four eggs were laid between April 6 – 13 and two females and one male were banded on June 5, 2009.

First year nesting attempted: 1992

Total young produced: 55

SP-Busch Agricultural Resources Complex, Manitowoc, Manitowoc County, Wisconsin. Female here was eight -year-old b/g 7/*U produced in 2001 at the New Center in Detroit, MI. This was her sixth year at this site. The adult male is unbanded and believed to be the same male that has nested here for several years. Five eggs were laid, three hatched, and three males were banded on June 12, 2009.

First year nesting attempted: 1998

Total young produced: 43

SP-WPS Pulliam Power Plant, Green Bay, Brown County, Wisconsin. Greg Septon reported that the adult female here is once again six-year old Beth b/g 25/B. She was produced in 2003 at the Midwest Generation Power Plant in Waukegan, IL. The adult male is b/g 45/H, and was produced in 2001 at the Grand Haven Sims Plant in Grand Haven, MI, here for at least his third. Four eggs were laid, all hatched and two of each sex were banded on May 21, 2009.

First year nesting attempted: 1996

Total young produced: 44

SP-We Energies Pleasant Prairie Power Plant (P4), Pleasant Prairie, Kenosha County, Wisconsin. Female was Thilmany b/g N/44, produced in 2007 at Thilmany Mill site in Kaukauna, WI, and replaces Breezer b/r *R/*2, who had been at this site for ten years. The adult male was Dave b/g P/36, a 2006 falcon produced at the We Energies Port Washington Generating Station, who is also here for the first year. Another female, (b/g) band, laid one egg at this site on April 13. Thilmany laid one on April 26. **One egg hatched on May 30, 47 days after it was laid.** One female was banded on May 30, 2009.

First year nesting attempted: 1997

Total young produced: 38

SP-Racine County Courthouse, Racine, Racine County, Wisconsin. Female here was (b/g) (R/13), produced at the Tower Building in South Bend, IN, here for the first year and replacing Lily b/g 56/A hatched in 2001 at the Firststar Bank in Cedar Rapids, IA. The adult male was again Beaster b/g 67/M produced in 2005 at the We Energies Pleasant Prairie Power Plant, here for his second year. Four eggs were laid between April 3 – April 10, one hatched and one male were banded on June 1, 2009.

First year nesting attempted: 2002

Total young produced: 18

SP-Cargill Malt Complex, Jefferson County, Jefferson, Wisconsin (now Renew Energy LLC Complex). Greg Septon reports that Smokey b/g 82/A, produced in 2003 at the Edgewater site in Sheboygan, WI was back for her sixth year. The adult male is banded b/g and replaces Ceptyn b/g N/Y, produced in 2002 at We Energies Port Washington Generating Station, and here since at least 2006. Ceptyn was found dead this spring. Four eggs were laid between May 22-24, all hatched and three females and one male were banded on June 12, 2009. Note: two eggs were dark and two were very light colored in this clutch.

First year nesting attempted: 2004

Total young produced: 24

SP-WPS Weston Power Plant Rothschild, Marathon County, Wisconsin. As was the case last year, an unbanded female was at the site and paired with what appears to be an unbanded adult male. Four eggs were laid by April 10, two hatched and two females were banded on June 3, 2009.

First year nesting attempted: 2006

Total young produced: 10

SP-New Page Kimberly Mill (formerly StoraEnso Kimberly Mill), Kimberly, Outagamie County, Wisconsin. Female identified as Rose b/g M/51, here for her second year. Rose was produced in 2006 at the Cargill Elevator site in Lake City, Minnesota. The adult male was not identified. The falcons were present in the next box beginning in late February but disappeared in mid-March. On April 30 Mark Nessmann found the pair had laid three eggs atop a silo on the backside of the elevator. One egg hatched and one female was banded on May 29, 2009.

First year nesting attempted: 2005

Total young produced: 15

SP-Thilmany Mill, Kaukauana, Outagamie County, Wisconsin. The adults at this site were once again Nora b/g P/76 who was wild-produced in 2005 at the Greysolon Plaza in Duluth, MN, back for her fourth year and the male was not positively ID'd but believed to be Ian b/g 71/N, a falcon produced at We Energies Port Washington Generating Station in 2004, back for his fourth year as well. Four eggs were laid between April 8-15, all four hatched one female and three males were banded on June 6, 2009.

First year nesting attempted: 2007

Total young produced: 11

SP-Dominion Kewaunee Nuclear Power Plant, Kewaunee, Kewaunee County, Wisconsin. Craig Long reported falcons here in early February. On June 16 he reported three young fledged and one found dead the next day. No falcons have been banded at this site since 2005. Plans are still being considered to move the nest box from atop the containment dome to a more safe location on the corner of the plant roof.

First year nesting attempted: 2001

Total young produced: 20

SP-Alliant Columbia Generating Station, Pardeeville, Wisconsin. Adult female is unbanded. Adult male is Hippie b/g 02/N, produced in 2003 at the Monticello Power Plant, Monticello, MN, likely the same male since 2006. Eight eggs were laid between April 16-30, with three hatching. Three males were banded on June 26, 2009.

First year nesting attempted: 2006

Total young produced: 16

Special Note: Peregrine nest sites on cliffs and power plant stacks along the section of the Mississippi River between Monticello, Minnesota and LaCrosse, Wisconsin as well as sites on both sides of the river in Iowa and Wisconsin are monitored and managed by Bob Anderson and the Raptor Resource Project.

SP-West Bluff, Pepin County, Wisconsin. Adults were unknown. Four eggs were laid, and four hatched. Three females and one male were banded on June 9, 2009.

First year nesting attempted: 2005

Total young fledged: 13

SP-Maiden Rock, Pepin County, Wisconsin. Gunnar, D/E, paired with an unidentified immature female and produced two young. This male was captive-bred by the Raptor Resource Project, raised in an artificial rock eyrie, and released from Effigy Mounds hack site in 1999. One female and one male were banded on June 9, 2009.

First year nesting attempted: 2001

Total young fledged: 22

SP-Nelson Dewey Power Plant, Cassville, Grant County, Wisconsin (aka: Alliant Energy Nelson Dewey Plant). One female and one male banded May 28, 2009. Adults are both unknown.

First year nesting attempted: 2001

Total young fledged: 23

SP-Georgia Pacific (GP), Green Bay, Brown County, Wisconsin. Adult male Elmo b/g E/08, produced in 2006 at the Busch Agricultural Complex in Manitowoc, likely back

for second year. Adult female is unbanded. In 2008 peregrines at this site nested atop an old silo in the midst of a demolition project. This year the falcons nested in the new nest box built for them last fall. Four eggs were laid, with three hatching. Two females and one male were banded on June 9, 2009.

First year nesting attempted: 2008

Total young produced: 4

SP-US Bank Building, La Crosse, La Crosse County, Wisconsin. Two young hatched; one male and one female. The chicks were banded on May 28, 2009. Adult male is Burt b/g C/80 and adult female is Majestic b/g 43/C.

First year nesting attempted: 2006

Total young produced: 11

SP-We Energies Valley Power Plant, Milwaukee, Wisconsin. Greg Septon banded his 500th wild-produced Wisconsin peregrine here. Adult female is Jean b/g 19/C produced in 2005 at the Evanston Library site in Evanston, IL and back for her second year. Adult male is Swede b/g P/Z produced at the Green Bay Pulliam site in 1999, and likely his fourth year. Five eggs laid, two hatched, and one male and one female banded on May 29, 2009.

First year nesting attempted: 2002

Total young produced: 19

SP-Lynxville Cliff, Lynxville, Crawford County, Wisconsin. The falcons nested very low on the cliff this year, and the rock over which banders went over was quite loose, so they banded at the eyrie and went off rope at the bottom instead of climbing back up. The lone female chick was banded on June 5, 2009. This cliff is recorded as P5 in Dan Berger's notes of the historical nesting population in J. Hickey's book, *Peregrine Falcon Populations*. Young falcons were confirmed in 1952 and adult falcons present in 1953, 1954, and 1956.

First year nesting attempted: 2003

Total fledged: 11

SP-U.W.-Milwaukee EMS Bldg. Milwaukee, Milwaukee County, Wisconsin. New site for 2009. Adult female is unbanded. Adult male is Samson b/g E/43 produced in 2007 at Milwaukee's US Bank site. Four eggs were laid between April 8–16. Four chicks hatched, with three females and one male banded on June 8, 2009.

First year nesting attempted: 2009

Total young produced: 4

SP-Roland Kampo Bridge. Menasha, Winnebago County, Wisconsin. New site for 2009. On June 6, wildlife rehabilitator Randie Seagal received an immature male

peregrine that was netted by a fisherman named Don Keiper from the waters of the Fox River under the Roland Kampo Bridge near Menasha. Don Keiper said there was an adult pair of peregrines at the site as well as what appeared to be another young falcon. The falcon was wet but unharmed and cared for until June 12 when Greg Septon met Randie and her husband at the Thermagen (formerly Minergy) nest site in nearby Neenah. This site is only about 2 miles from the bridge and has a large flat roof with parapet walls where the youngster could safely spend some time getting oriented. After banding/bleeding the falcon, he was released on the roof and immediately an adult male peregrine showed up and began calling. It's hard to know for sure but Greg Septon believes we may have reunited Neptune with his father. Unfortunately, there seems to be no safe access to the under structure of the Roland Kampo Bridge from above so we may never be able to band here.

First year nesting attempted: 2009

Total young produced: 2

SP-Madison Gas & Electric Company . Madison, Dane County, Wisconsin. New Site for 2009. Ten years after it was installed, the nest box at this site was occupied for the first time and produced 3 young. On April 17, Tim Ellestad was able to ID the adult male as Verne b/g E/42 a fledge from We Energies Oak Creek Power Plant in 2007. Plant manager Steve Schultz and his daughter Kara were able to confirm Tim Ellestad's tentative ID of the adult female as Frightful b/g P/15, 2007 fledge from the King Plant in Bayport, MN. Three eggs were laid, with three hatching. One female and two males on banded on June 12, 2009.

First year nesting attempted: 2009

Total young produced: 3

SP-General Mills Superior, Douglas County, Wisconsin. New Site for 2009. Dave Evans first observed a pair of adult peregrines here on April 8. This pair had nested on the nearby Blatnik Bridge in prior years. The nest location atop an elevator would make banding here difficult but not impossible. Dave observed two young on the edge of the silo on June 29 and found the partial remains of another young falcon so it appears this pair produced three young. Adult female is bl *B/8 produced in 2004 at Mt. McRae, Ontario, Canada. Adult male is unbanded but believed to be the same older male observed on the Blatnik Bridge in past years.

First year nesting attempted: 2009

Total young produced: 3

SP-Ashland: Ore Dock, Ashland County, Wisconsin. New Site for 2009. Ryan Brady reported a pair of peregrines likely nesting at this site on June 1. Subsequent observations by Ryan, Sumner Matteson and Todd Nass confirmed the nest. This ore dock was scheduled for demolition but was spared to allow the peregrines time to nest and their young to fledge. On July 19, one of the young ended up grounded but was rescued and returned to the ore dock with the help of the local Fire Department and their 100-foot bucket ladder. The remaining two young fledged successfully. Adult female is unbanded.

Adult male is Napoleon b/g W/47 produced in 2006 at the North Shore Mining nest site in Silver Bay, MN. At least three eggs hatched approximately June 10 and at least three fledged the week of July 19.

First year nesting attempted: 2009 Total young produced: 3 (at least)

SP-12-Mile Bluff, Buffalo County, Alma, Wisconsin. Two females and one male were banded on June 9, 2009. Adults are unknown.

First year nesting attempted: 1997 Total young fledged(cliff and plant): 44

LE-Froedtert Malt, West Milwaukee, Milwaukee County, Wisconsin (Now ADM Malting Co.). Greg Septon arrived to band lone, observed chick on June 8, but it was gone. A subsequent check on July 17 found Raynie, the 1995 produced falcon from Chicago and here for her 11th year, had a new clutch of four eggs. This late second clutch was determined to be infertile on August 10, and salvaged on August 19.

First year nesting attempted: 1995 Total young produced: 41

LE-NSP Dairyland Genoa Power Plant, Genoa, Vernon County, Wisconsin (aka: Dairyland Power Cooperative, Genoa, WI). Bob Anderson reported that thirteen-year-old female Scooter b/r U/W, here for the twelfth year, returned. Eggs were laid after Scooter and an adult male copulated, and the eggs hatched. However, over the weekend of May 17th, the chicks and Scooter disappeared. They were most likely killed by S/27, a female who hatched from American Republic in 2007.

First year nesting attempted: 1998 Total fledged from this site: 37

LE-Maassen's Bluff, two miles south of Nelson, Buffalo County, Wisconsin. Falcons were observed at Maassen's Bluff by Bob Anderson, Gary Grunewald, and Amy Ries. The pair appeared to be feeding babies in early June when they suddenly stopped. No falcons were witnessed after early June. We are not sure why the site failed.

LE-Mayfair Mall, Milwaukee, Milwaukee County, WI. After numerous observations of peregrines at this site last spring, a nest box was installed atop the SE corner of the north mall tower. A peregrine was first observed here this spring by Bob Meidl on March 8 and on March 10. Greg Septon observed an adult male. On March 27, he found a banded b/g immature female peregrine at the nest box and subsequent visits were rewarded with observations of a territorial pair consisting of an adult male and an immature female along with a scrape in the nest box. On May 5 he found two cold intact eggs, one badly broken egg and no peregrines at this site. During this same week there was a window-washing project underway and Greg believes this disturbance may have

caused the site to be deserted. On May 16, he observed a new adult female here with a full crop. The adult male was also present and chased off an intruder. This new adult female could be the same female identified as b/g K/52 at the We Energies Milwaukee County Power Plant during the same time frame.

NB-Kenosha Memorial Hospital, Kenosha, Kenosha County, Wisconsin. (aka: United Hospital System, Kenosha Medical Center). Female Blessing b/g W/17, produced in 2006 at the Mayo Clinic site in Rochester, MN was found dead over the 2008 summer. Male Aaron b/g 80/H, a 2002 Milwaukee - Froedtert produced falcon, who had nested at the site for three years, was found injured with a dislocated elbow near Chicago's O'Hare Airport. He was rehabbed, flight conditioned and released July 2, 2009. Bob Springer reports that the very next day, a new female joined him on this site.

First year nesting attempted: 2006

Total young produced: 7

NB-Hoan Bridge Territory, Milwaukee, Milwaukee County, Wisconsin. The Hoan Bridge Territory consists of the Hoan Bridge and the Milwaukee Metropolitan Sewerage District (MMSD) complex and peregrines have nested at both locations. The nearby Nidera elevator complex although not used for nesting thus far can be considered part of the same territory. Known successful nesting attempts occurred at the Hoan Bridge in 1999 and at MMSD in 2008. Because of the large number of prospective nest locations especially under the bridge it is possible that peregrines have nested here undetected in past years. However, given the amount of human activity throughout this territory, it's hard to imagine that nesting peregrines would go unnoticed. During the 2009 nesting season, Greg Septon visited this territory on 12 occasions and spent considerable effort trying to locate a nest but found none. Adult female is b/g ?/C likely b/g 19/C who nested at the nearby Valley Power Plant. Adult male is Hoffmann b/g 54/M produced in 2003 at the Edgewater Generating Station site in Sheboygan, WI back for his second year.

NB-Greshik's Bluff Fountain City, Buffalo County, Wisconsin. Doug Wood confirmed two adult falcons in this cliff. However, no falcons took up residence in the nestbox. On several occasions, Bob Anderson spotted a tiercel defending the cliff, but the tiercel failed to attract a mate.

NB-We Energies Milwaukee County Power Plant, Milwaukee, Milwaukee, Wisconsin. A nest box was installed here in 2007 and a web cam activated afterwards. This spring peregrines were observed on several occasions during May and an adult female was identified in the nest box via the web cam by Bob Meidl on May 20. This female was identified as Dixie b/g K/52 produced in 2007 at the US Bank site in La Crosse, WI.

[Burlington Northern Santa Fe Railroad Bridge, Prescott, Pierce County, Wisconsin. NOTE: Peregrines nested on the Minnesota side of the bridge in 2008. This site was not monitored for banding. No information for 2009.]

[Castle Rock, Buffalo County, Wisconsin (aka: Castle Rock cliff Trempealeau County, WI). No activity reported for 2009.

First year nesting attempted: 2002

Total young fledged: 24]

[Lock and Dam 9, Crawford County, Wisconsin. Birds were present in early spring, but disappeared by late May

First year nesting attempted: 2007

Total young produced: 2]

[Fisher Hamilton Bldg., Two Rivers, Manitowoc County, Wisconsin. After the failed nesting attempt here in 2007 a nest box was installed on the roof of the main office building and peregrines have been seen each spring since. However, no nesting attempts have been made.]

[Racine Quarry, Racine, Racine County, Wisconsin. Greg Septon made several visits to this site and did not see a peregrine. It is likely there was no activity for 2009 season.]

[Thermagen Power (formerly Minergy Glass Aggregate Plant). Neenah, Winnebago County, Wisconsin. Once again, a number of peregrines were observed here this spring according to Jan Schmidt. There was no tracking cam at the nest box this year so none of the visiting falcons were identified and unfortunately, none nested. It is believed that the peregrines that nested on the nearby Roland Kampo Bridge this spring may be the same falcons visiting this site.]

MICHIGAN

Karen T. Cleveland, All-Bird Biologist, Michigan Dept. of Natural Resources submitted the information for this report.

SP-Consumers Energy Campbell Plant, Port Sheldon, Ottawa County, Michigan. This is the sixth year for this site. Two young were banded – one male and one female – on June 3, 2009. No information on adults. Two non-viable eggs were removed from the nest box.

SP-Consumers Energy B. C. Cobb Plant, Muskegon, Muskegon County, Michigan. Four chicks were banded on May 28, 2009, two males and two females. No information on adults. This is the 6th year for this site. The remains of an immature peregrine banded in 2007 b/g C/37 were recovered. This bird had apparently gotten into the smokestack through an opening and died shortly after fledging.

SP-Grand Haven Board of Light and Power, Sims Plant, Grand Haven, Ottawa County, Michigan. Three chicks banded on May 28, 2009, two females and one male. No information on adults. This is the 8th year for this site.

SP-Detroit Edison Power Plant, Raisin River, Monroe, Monroe County, Michigan. This site has been occupied by male Leopold b/r N/*4 since at least 1997. Two chicks were banded when recovered on the ground – one male banded on June 17, 2009 at 37 days and one female banded on June 22, 2009 at 40 days old. Both released on June 29, 2009.

SP-Blue Water Bridge, Port Huron, St. Clair County, Michigan. Four chicks were banded on June 2, 2009 – two males and two females. All four were known to have fledged.

SP-Board of Water and Light power plant / Michigan National Bank / State Capitol, Lansing, Ingham County, Michigan. Four young hatched from Eckert Plant [<http://www.lbwl.com/FalconHome.asp>]; two died due to weakness from a parasite infestation. Two chicks were banded on June 18, 2009, both females. Both females fledged early July. Male is unbanded and female is Stelco, a 1997 hatch from Hamilton, Ontario.

SP-Macomb County Building, Mt. Clements, Macomb County, Michigan. Adult female Hathor b/g *H/*4, granddaughter of Milwaukee's famed Sibella and here for the sixth year paired with male Nick b/g 30/C, here for his second year. Two females and one male were banded on May 27, 2009.

SP-Durant Hotel/UM Northbank Center, Flint, Genesee County, Michigan. New Site for 2009. One female banded on June 4, 2009. Pair is Barry from Ohio and Majesty (b 7/5) from Toronto, Ontario. Majesty is the last known living progeny of the first brood of Ponce-Kingsley and Victoria, Toronto's first nesting peregrines on record in 100 years. Majesty was undetected for seven years prior to this year's Flint nesting. Four eggs were laid at this site; one hatched. The single chick (Maize) was banded and relocated from the

Durant Hotel to the UM Northbank Center due to renovation work at the Durant Hotel. She fledged mid June.

SP-University of Detroit Mercy, Bell Tower, Detroit, Michigan. Continuously active since at least 2005. Four young fledged (two male and two female).

SP-Book / Ameritech / SBC/ Now AT&T, Detroit, Wayne County, Michigan. Two young fledged (both female).

SP-Mackinac Bridge, linking Upper and Lower Peninsulas, Michigan. A nest box was installed on the Bridge, and at least two chicks were hatched in 2009.

SP-Grand Portal cliff, Pictured Rocks National Lakeshore, Alger County, Michigan. At least three young were produced (possibly four).

LE-Whittier Apartments, Detroit, Wayne County, Michigan. Pair consists of Miriam and Allegro. Three chicks hatched, all of which died at 12 days of age; the cause of death is unknown. This site was active in 2005 (two eggs, but failed owing to bad weather), 2006 (two fledged), 2007 (one fledged), and in 2008 three chicks fledged successfully.

LE-Consumers Energy D.E. Karn/J.C. Weadock Plant, Hampton Twp., Bay County, Michigan. Nest box installed in 2008. Pair laid eggs immediately outside the box in 2009. Due to concerns about excessive heat on the eggs (eggs laid at this site in 2008 never hatched due to excessive heat), the eggs were relocated into the box. The adults continued to incubate the eggs, but none hatched.

LE-Kent County Courthouse Building/Plaza Towers, Grand Rapids, Kent County, Michigan. Pair observed in downtown Grand Rapids. Three eggs were laid on the roof of the Plaza Towers but none hatched (two appeared to be cracked when the nest site was checked).

NB-Bell Tower, University of Michigan, Ann Arbor, Washtenaw County, Michigan. A pair was observed occasionally at the bell tower as well as the VA Hospital in downtown Ann Arbor. There was no evidence of nesting this year.

NB-National Steel, River Rouge, Wayne County, Michigan. A pair attempted nesting on Zug Island; the outcome is unknown.

NB-Federal Center building, Battle Creek, Calhoun County, Michigan. Pair observed copulating in 2008; female identified at that time as Maria (b/g K/38) from Chicago. Pair reported seen in downtown Battle Creek regularly; no young observed.

NB-Porcupine Mountains Wilderness State Park, five miles west of Silver City, Ontonagon County, Michigan. A pair was reported but a nest site was not found.

NB-St. Clair Detroit Edison, Marine City, Monroe County, Michigan. Pair observed at site (one bird was banded, one was unbanded). Nesting attempted; outcome unknown. Nesting was last recorded at this site in 2004, though staff at the plant report that a pair have been in residence during 2006-2008.

NB-International Bridge, Sault Ste. Marie, Chippewa County, Michigan. A pair was reported attempting to nest on the American side of the bridge by OMNR staff; the nest was unsuccessful.

NB-New Center/Fisher Building, Detroit, Wayne County, Michigan. Pair active at this site and copulation was observed, but there was no nesting this year. The traditional 'behind the dome' nest location was not used. Though there was no nesting in 2009, this site has a long history of occupancy; recent nestings include successful production in 2005 (four young), 2006 (three young), and 2007 (three young). The site was abandoned during building maintenance in 2008.

[Spartan Stadium, Michigan State University, East Lansing, Ingham County, Michigan. Nest box installed on adjacent idled power plant in February 2009. No birds seen at the nest box in 2009, but a peregrine or peregrines was repeatedly seen near the MSU Pavilion (a little bit over a mile away from the nest box).]

[DTE Energy Trenton Channel Power Plant, Trenton, Wayne County, Michigan. No nesting in 2009; birds continue to be seen in the area. Improvements were made to a nearby site in Wyandotte.]

NEBRASKA

Joel Jorgensen, Nebraska Game and Parks Commission, submitted the information for this report.

SP-Woodman Tower, Omaha, Douglas County, Nebraska. Joel Jorgensen, Nebraska Game and Parks Commission, reported that four chicks were banded on May 28, 2009. No information was available about the adults. Four chicks were banded here in 2007; no birds were banded in 2008.

SP-State Capitol Building, Lincoln, Lancaster County, Nebraska. Joel Jorgensen reported that four chicks were banded on June 2, 2009. No information was available about the adults. Four chicks were banded here in 2007; no birds were banded in 2008.

IOWA

Information on peregrine falcon nesting activity in Iowa was provided by Pat Schlarbaum of the Iowa Department of Natural Resources. This year thirteen territories with nine successful nests produced 25 young.

SP-Firststar Bank (US Bank), Cedar Rapids, Linn County, Iowa. Theresa Chapel at US Bank reported that female *S/5*, a Des Moines, IA hatch in 1998 here for eleventh year, (produced 28 young) and six-year-old male 78/E, a Kokomo, IN hatch from 2003, here for fifth year (produced 15 young). One chick was banded on June 4, 2009.

First year nesting attempted: 1993

Total young produced: 53

SP-MEC Louisa, Louisa County, Iowa. Jim Haack reported four young banded May 27, 2009, and successfully fledged from 06/A female, a St. Louis, MO hatch from 2005, (19 young) and unidentified male for eighth year. This is the eighth year of successful nesting at this site.

First year nesting attempted: 2002

Total young produced: 27

SP-Mississippi Bridge, Burlington, Des Moines County, Iowa. An unidentified pair, here for sixth year, fledged one young.

First year nesting attempted: 2004

Total young produced: 4

SP-American Republic, Des Moines, Polk County, Iowa. Four young were produced and banded on June 3, 2009. Male at this site is 63/B, a Woodman Tower, Omaha, NE. hatch from 2004 (11 young '07). Female is 39/E, an NSP Riverside plant hatch from 2003, here for first year (produced six young, two at Capitol in '08).

First year nesting attempted: 1993

Total young produced: 44

SP-MidAmerican Energy Corporate Headquarters, Davenport, Scott County, Iowa (one of three sites in the Quad Cities). Same ten-year-old pair 8/*E, a Muncie, IN hatch from 1999, and P/D, a Dubuque, IA hatch from 1999, here for the eighth year (two

on Centennial Bridge) laid three eggs in nest box. Two young were banded on 5/27/2009 and subsequently fledged.

First year nesting attempted: 2002 Total young produced: 15

SP-State Capitol, Des Moines, Iowa. A second territory at State Capitol produced four young. Female (six young) and male (four young) are unbanded.

First year nesting attempted: 2008 Total young produced: 6

SP-Alliant Energy Plant, Chillicothe, Wapello County, Iowa (aka Ottumwa). Judi Johnson reports ten- year-old female Z/V, an NSP Riverside, Mpls. MN hatch from 1999, (produced 16 at Louisa and Chillicothe) and an unidentified male were successful. Four young banded on June 4, 2009 and successfully fledged.

First year nesting attempted: 2005 Total young produced: 9

SP- Alliant Energy Lansing Plant, Lansing, IA, Allamakee County. Bob Anderson reports falcon pair back in Alliant Energy smokestack box. Three chicks – two female and one male – banded on June 5, 2009. Adult female is known and adult male is unbanded.

First year nesting attempted: 2001 Total young produced: 20

SP-ML Kapp Generating Station. Clinton, Iowa. Unidentified pair produced two young at this site that were banded on June 11, 2009. This site is located at the southern extent of historic peregrine nesting range along the Mississippi river in Iowa.

First year nesting attempted: 2007 Total young produced: 3

LE-Agri-Bunge Stackhouse, McGregor, Iowa. Falcon observed incubating eggs per Bob Anderson, but none hatched.

NB-I-80 Bridge, Quad Cities, Scott County, Iowa. Unidentified pair defended territory, but no eyrie or young detected. Nest tray had not been used and is now located on upstream side on Illinois side of channel. This bridge is 12 miles upstream from Centennial Bridge.

First year nesting attempted: Total young produced:

NB- Leo's Bluff. Nest was unsuccessful. Adult female *K/*W a John Latsch Park, MN hatch from 2006, and male is unbanded per Bob Anderson.

First occupied: 2004

Total young produced: 7

[Gitta's Bluff, Waukon Junction, Allamakee County, Iowa. No information on this site for 2009.

First year nesting attempted: 2008

Total young produced: 3]

Additional information: Pat Schlarbaum also included for 2009 that at Leo's Bluff, is in the same complex of bluffs at Waukon Junction as Gitta's Bluff; Bob Anderson reported the nest was unsuccessful. Adult female is *K/*W, a John Latsch Park, MN 2006 hatch, and male is unbanded.]

[Lansing Bluff, Allamakee County, Lansing, Iowa. No information for this site in 2009.

First year nesting attempted: 2001

Total young produced: 17]

[I-280 Bridge Quad Cities, Scott County, Iowa. Unidentified pair nested on Illinois side of bridge. No report of number of young produced/fledged.

First year nesting attempted: 2007

Total young produced: 4]

[Cargill Elevator, MacGregor, Iowa. No information on this site for 2009.

First year nesting attempted:

Total young produced:]

ILLINOIS

The Chicago Peregrine Release & Restoration program completed its 24th year. Thanks go out to the personnel at the Shedd Aquarium, USFWS, Lincoln Park Zoo, Willowbrook Wildlife Haven, Flint Creek, SOAR, and to the many peregrine watchers/reporters. They have provided assistance to the program by helping monitor sites, band & take blood samples from eyasses, and treat injured birds.

SP-125 S. Wacker, Chicago, Cook County, Illinois. Oldest of Illinois nest sites (23rd year.) This is the fourth year for the adult female, Rahn b/g 01/A (Sheboygan WI 2001). This is the second year for the male, Joe b/g 59/H. Four eggs were laid, all of which hatched. Banding took place on June 1st. Fledging began on 6/15. On 6/16, 10/E was grounded and returned to the nest. She was grounded again on 6/17 & taken to rehab. She was returned to the nest on 6/18 along with 11/E who landed on Franklin street the same day. The other two fledged without assistance.

First year nesting attempted: 1987

Total young produced: 52

SP-5821 N. Broadway, Illinois. Sixteenth year for this site. The first egg in a clutch of five eggs was laid on March 25th. Adult female is Auntie Em b/g 5/*P, and adult male Tracy b/r *P/M. All chicks hatched and were banded on May 27th. The adult female was caught during banding and released after confirming id. On 6/16, 07/E was retrieved from Animal Control and released on the roof of the natal building on 6/17. The other four fledged without assistance.

First year nesting attempted: 1994

Total young produced: 42

SP-Uptown Theatre, Illinois. Ninth year for this site. The adults were still male G/G and female Zoom *4/H. They nested in a box off the fire escape of the Uptown Theatre. Four eggs were laid and all hatched. Banding took place on May 29th. Fledging began on 6/12. All fledged without issue. On 7/20/09 Dolly b/r 09/E was picked up at O'Hare airport with a severe wing injury. She was taken to Willowbrook Wildlife Haven but had to be euthanized.

First year nesting attempted: 2001

Total young produced: 27

SP-Waukegan, Illinois. Ninth year for this site. Four eggs were laid and all hatched. Banding took place on May 26th. All young fledged without issue.

First year nesting attempted: 2001

Total young produced: 37

SP-Evanston Library, Illinois. Sixth year for this location in Evanston. The adult female was reconfirmed as b/g 64/D – her fourth year at the site. The male was identified as Squawker b/g 48/M, third year at the site. The first of four eggs was laid on March 28th. All four hatched and were banded on May 27th. 05/E was a large chick and given female bands though clearly a male by fledging time. On 6/15, Deborah 04/E was grounded and returned to the nest. On 6/18, Aldo 11/D was trapped in a nearby building, caught & released. All other birds fledged without issue.

First year nesting attempted: 2004

Total young produced: 20

SP-UIC, Illinois. Eleventh year for this site. Two eggs were laid both of which hatched. Banding took place on June 2nd. The female was identified as Rosie b/r *6/D her 10th year at the site. For the fourth year the adult male is unbanded. Both young fledged without issue.

First year nesting attempted: 1999

Total young produced: 25

SP-South Loop / Michigan Ave, Illinois. New Site for 2009. This site is on Michigan Ave for pair confirmed using Field Museum in 2008. The adults were an unbanded male (who throughout the season had an obvious left leg injury but seemed to cope fine with it) and female Helen b/g 73/D (Manitowoc WI 2004). Four eggs laid, three of which hatched. Two females and one male were banded on 6/9/09. On 6/25, Ebony Jr. 13/E landed on the ground after her initial flight. She was returned to the nest the next day and fledged without further issue. Ebony 12/E showed signs of a left leg injury while still in the nest but fledged without any problems as did the third young.

First year nesting attempted: 2009

Total young produced: 3

SP-Alton, Illinois. Pair of peregrines found nesting on cliff near Alton, Illinois (St. Louis area) by Christian Hagenlocher. At least two chicks observed. Adults appear to be banded with b/g bands.

First year nesting attempted: 2009

Total young produced: 2

SP-Lawndale, Illinois. Single adult bird observed April and May. On 6/17/09, Rob Sulski, Craig Hunter, & Judy Lang observed three immature peregrines with adults as well as an unhatched egg. Last confirmation on adult identification was in 2006; male was Dave b/g 14/K (2001 Chicago, IL) and female Nitz b/g 2/*Y (2001 Milwaukee, WI).

First year nesting attempted: 2004

Total young produced: 3

SP-McCook, Illinois. Birds nesting in a series of quarries in McCook/Lyons. Adult peregrines seen in area throughout spring. Rob Sulski reported that the quarry manager observed two juvenile peregrines on 6/23/09. On 7/9/09 George Richter observed a single immature female peregrine.

First year nesting attempted: 2007

Total young produced: 5

LE-St. Michael's – Old Town, Illinois. This is the fifth year for this site. A new unbanded male replaced Hops (58/M). The female was female Ballistic b/g 69/C, her second year at the site. The second of four eggs was seen on April 6th. Only three eggs were observed on May 18th. By May 27th all eggs were gone and shell fragments were retrieved.

First year nesting attempted: 2005

Total young produced: 7

LE-River Birds, Illinois. This pair attempted nesting on a building at Michigan Ave & Wacker Dr. Four eggs were seen by building personnel early in April. Eggs failed to hatch.

First year nesting attempted: 2008

Total young produced: 0

LE-Addison and Lake Shore Drive, Illinois. Adult male Stan b/g 98/K (Uptown, Chicago 2005) and female b/g N/33. The birds failed with nest attempts in gutters. One abandoned egg was retrieved.

First year nesting attempted: 2009

Total young produced: 0

NB-Hyde Park, Illinois. Two adults were present and id confirmed. The male was identified as b/g S/T and the female, Magnolia is bl 22/R. Two boxes are available without use. We believe the pair attempted nesting again in one of the numerous gutters. Observation of birds in nest box in late May but no eggs/chicks.

First year nesting attempted: 1994

Total young produced: 13

NB-Prison Birds, Illinois. Twelfth year for this site. Ledge is inaccessible, observations made from ground level. No sign of chicks this year. Both adults – Emily b/g 5/*E and Hercules b/r *D/W - were seen early in the season but the female was absent during June and most of July.

First year nesting attempted: 1998

Total young produced: 36

NB-Calumet – Torrence Ave, Chicago, Illinois. 4/29/09 identification on one-year-old male at nest site, Malty b/g 5/*1 (Milwaukee WI 2008). Earlier in year two peregrines observed though with only confirmation on plumage (adult) of peregrine on bridge, not one in flight. They appear to be on the same bridge but using a different beam than in 2008. On 6/16 both adults (in adult plumage) were observed entering/exiting beam at south end of bridge. No sign of chicks at that date or on later visits.

First year nesting attempted: 2008

Total young produced: 1

NB-Pilson Park (Throop St.) Illinois. Eighth year for this site. New female for 2009 (previous female died.) The male was again L/N and the new female is Amazon, b/g R/38 (Oak Creek WI, 2008). No use of the nest box was made for this (2009) year.

First year nesting attempted: 2002

Total young produced: 15

NB-Lakeview, Illinois. The ledge used by the peregrines at this site is not accessible or visible other than from watching from the street. A pair of peregrines was periodically

observed in the spring. While seen periodically throughout the season, no behaviors indicating chicks were observed.

NB-St. Mary's Hospital, Illinois. Single adult observed periodically in the spring. Two adults confirmed on June 4, 2009. No sign of nesting or immature peregrines at site throughout the season.

First year nesting attempted: 2008

Total young produced: 0

NB-Loyola Campus, Illinois. One bird is unbanded and second has (b/g) band 5/?. Copulation was observed though the nest location if any has not been found. No unbanded immature peregrines observed at site.

First year nesting attempted:

Total young produced:

NB-Peoria, Illinois. Three adult peregrines present March to June with the pair defending the nest box on the Associated Band Building. No nesting confirmed. Previous activity in area reported in winter of 2005/2006 when a mature male and immature female were seen. The nest box installed during this time period though no use of nest box was reported to date.

First year nesting attempted:

Total young produced:

NB-Schaumburg, Illinois. Craig Hendee reports a pair of adult peregrines from March through June in the neighborhood of Busse Woods and Rt 53 near Higgins Rd in Schaumburg. No nesting or immature peregrines observed.

First year nesting attempted:

Total young produced:

INDIANA

John Castrale of the Indiana Div. Fish & Wildlife contributed the information for this report.

SP-Market Tower, Indianapolis, Marion County, Indiana. John Castrale reported that fifteen-year-old male Kinney 7/*3, here for the fifteenth year, paired for the eighth year with eleven-year-old Chantal *B/*C (aka KathyQ). This site is under camera surveillance with a blog hosted by Laura James-Reim. Four chicks were banded on May 19, 2009.

First year nesting attempted: 1995

Total young produced: 54

SP-City-County Building/Tower Building, South Bend, St. Joseph County, Indiana.

Adults were female Guinevere 79/E, banded here in 2003 as an adult, and ten-year-old male Zephyr b/r *9/*A, here since 2003. Three chicks were banded on May 26, 2009.

First year nesting attempted: 2003

Total young produced: 22

SP-US Steel (coke plant), Gary, Lake County, Indiana. The four-year-old female b/g 65/A, here for at least her third year, paired with an unbanded male (possibly the same as 2008). Three chicks were banded on May 28, 2009.

First year nesting attempted: 2006

Total young produced: 6

SP-NIPSCO Schahfer Plant, Wheatfield, Jasper County, Indiana. Adults were ten-year-old female Latesha b/g Z/K, here since 2000, and thirteen-year-old Rollin b/r K/*8, here since 1998. Three chicks were produced from an inaccessible location and could not be banded.

First year nesting attempted: 1998

Total young produced: 34

SP-Mittal Bethlehem Steel, D Stockhouse, Porter, Porter County, Indiana. An unidentified pair was reported at this inaccessible location. Two juveniles were later retrieved from the ground near the site; one was released unbanded and the other died from a suspected case of trichomoniasis.

First year nesting attempted: 2008

Total young produced: 4

SP-NIPSCO Plant, Michigan City, LaPorte County, Indiana. Two-year old male b/g W/55 hatched off the Tower Building in South Bend replaced male Uncle Billy b/r 3/*B, who was at this site for 13 years. Female was eleven-year-old Cloud Dancer b/r *B/*G, ten years at this site. Two chicks were banded on June 9, 2009.

First year nesting attempted: 1996

Total young produced: 26

SP-Southside Landfill / IPL Stout (Harding St.) Plant, Indianapolis, Marion County, Indiana. For the eighth year, a pair has been present in this area. Male is b/r L/*8, Orion, hatched in 1996 in Fort Wayne, IN. Female is unbanded. Three chicks were banded on June 9, 2009.

First year nesting attempted: 2002

Total young produced: 18

SP-Cline Avenue at Lake Michigan, East Chicago, Lake County, Indiana. A banded b/r female and unidentified male again nested in an inaccessible expansion joint. One chick, not banded, was produced.

First year nesting attempted: 1989

Total young produced: 56

SP-U.S. Steel (sinter plant), Gary, Lake County, Indiana. Adult male has b/g band, and female is Crystal, b/r X/*K, hatched in 1999 in Labadie, MO. Four chicks were banded on June 9, 2009.

First year nesting attempted: 1990

Total young produced: 47

SP-Inland Steel (aka Mittal Steel – Indiana Harbor East), lime plant, East Chicago, Lake County, Indiana. Two-year-old female Shirley N/36, here for the first time with an unknown male, laid at least two eggs and fledged one chick. The site is inaccessible for banding purposes.

First year nesting attempted: 2006

Total young produced: 5

LE-Cargill, Portage, Porter County, Indiana. The female's band appeared to be (b/g) 34/V but is not in the database. The unknown male is banded. Three eggs were present on May 27, 2009, but only shell fragments remained on June 9.

First year nesting attempted: 2007

Total young produced: 4

LE-Belterra Casino, Florence, Switzerland County, Indiana. New Site for 2009. A (b/g) male was paired with an unbanded female, who laid at least two eggs on a ledge with little substrate. No eggs hatched.

First year nesting attempted: 2009

Total young produced: 0

NB-Mittal Bethlehem Steel, Coal Injection / NIPSCO Bailly Plant / Cargill, Porter, Porter County, Indiana. Mel Waldo reported an aggressive pair at the nest box but no eggs were ever seen. In late August the carcass of fourteen-year-old Barb b/r E/*L, here since 1998, was found.

First year nesting attempted: 1996

Total young produced: 27

NB-Mittal Steel - Indiana Harbor West, East Chicago, Lake County, Indiana. A banded pair (both b/g) were present but did not lay eggs in the two nest boxes or the steel I-beam where a chick was produced last year.

First year nesting attempted: 2004

Total young produced: 8

NB-One Summit Square, Fort Wayne, Allen County, Indiana. John Winebrenner reports that fifteen-year-old female Freedom b/r U/*8, here since 1995, was paired again with fourteen-year-old Roosevelt b/r R/*4, present since 1996. As in 2008, no eggs were laid.

First year nesting attempted: 1996

Total young produced: 38

NB-BP Amoco, Whiting, Lake County, Indiana. Steve Hopman reported no adults at the nest box throughout the season, although an unconfirmed sighting in July 2009 suggested a pair may still be in the area.

First year nesting attempted: 2004

Total young produced: 12

NB-NIPSCO Dean Mitchell Plant, Gary, Lake County, Indiana. Jeff Neumeier reported a pair of falcons perched on a smokestack on several occasions, but no other evidence of nesting was seen.

[Inland Steel (aka Mittal Steel – Indiana Harbor East), East Chicago, Lake County, Indiana. No birds were observed around the inaccessible nest box and reports of falcons by plant workers could not be confirmed.]

First year nesting attempted: 1996

Total young produced: 19

OHIO

Dave Scott, Ohio DNR, collected the Ohio peregrine information.

SP-Commodore Perry Motor Inn, Toledo, Lucas County, Ohio. Dave Scott and Scott Butterworth, Ohio Division of Wildlife, report that eight-year-old female Striker 7/*5, a 2001 fledge from Cleves, Ohio, here for the fourth year, paired with eight-year-old male Angus bl 6/3, here for the sixth year. Four chicks were banded on May 26, 2009. They fledged approximately June 23, 2009.

SP-Terminal Tower, Cleveland, Cuyahoga County, Ohio. Dave Scott and Damon Greer, Ohio Division of Wildlife, report that nine-year-old female (b/r) (S/*W), here for the eighth year, paired with b/r *R/K, a 1996 hatched male from Lazarus Building, Dayton, Montgomery County, OH. Three chicks were banded May 8, 2009. One male, b/r 70/B was picked up at the Cleveland Hopkins Airport after a possible airstrike on July 4. He was released back at the nest site after being checked out, but reappeared at the

airport the next day. He was also later picked up in Lake County and taken to a rehabilitation center, where he died about August 1.

SP-LTV Steel [Mittal Steel], Cleveland, Cuyahoga County, Ohio. Dave Scott and Damon Greer report that female Jersey b/r *K/*A, seventh year at this site, paired with ten-year-old male Flash b/r *3/*H from the Cleveland Clinic. Five chicks were banded on May 18, 2009. They fledged about June 15, and all five were seen in the area for several weeks. Jersey is in the database as a bird fledged from an unidentified site in New Jersey. Color band is in the database, but not her USFWS band as we would not have applied that band.

SP-Cuyahoga River I-90 Bridge, Cleveland, Cuyahoga County, Ohio. Eighth year for this site. Eight-year-old female Newton b/r 18/A, paired again with six-year-old Bolt b/g 18/P. Two chicks were banded on May 26, 2009, and they both fledged around June 15.

First year nesting attempted: 2002

SP-First Merit Tower (actually the Landmark Building across the street), Akron, Summit County, Ohio. Eleven-year-old female Chesapeake b/r *P/*S, here for the ninth year, paired with fourteen-year-old male Bandit b/r 3/*P, here for the thirteenth year. Three chicks were banded on May 22, 2009. One female chick was found dead on a sidewalk in front of the building on June 9. The other two chicks fledged about June 16.

SP-Ironton/Russell Bridge, Lawrence County, Ohio/Greenup County, Kentucky. Dave Scott and Chris Smith, Ohio Division of Wildlife, report that the male was identified in 2007 as 28/P, a 2003 hatch from Tom Dorman Preserve in Jessamine County, KY and the female is again here from last year, and wears a green USFWS band right leg. Four chicks were banded on May 22, 2009, and all fledged between June 10 and June 13, 2009.

SP-Bank One, Canton, Stark County, Ohio. Dave Scott and Damon Greer report that nine-year-old male Maverick b/g R/R, here for the seventh year, paired again with Priscilla b/g 74/C. She appeared stressed and thin on banding day, May 26, 2009. She was captured and died in transport to a rehabilitation center. Three chicks were banded at this site, and fledged about June 18, 2009.

SP-Bank One Building (next door to First National Bank), Lima, Allen County, Ohio. Dave Scott and Scott Butterworth, Ohio Division of Wildlife, report that seven-year-old female Majesty 2/*A, fledged from Cleves, Ohio in 2002, paired with six-year-

old male 76/E who was banded as a female in Kokomo, Indiana in 2003. Two chicks were banded on May 14, 2009, and they fledged around June 3, 2009.

SP-PNC Bank/Chemed Center, Cincinnati, Hamilton County, Ohio. Dave Scott and Diana Malas report that eleven-year-old female Princess b/r *B/*S paired again with male Powerhouse 31/K, a 2002 hatch from Miami Fort Station, Cleves Hamilton County, OH. Four chicks were banded on May 29, 2009 and fledged around June 20, 2009.

SP-Stambaugh Building (County Court House), Youngstown, Mahoning County, Ohio. This is the fourth year for this site. Six-year-old female Stellar b/g 26/E, fledged from LTV (Mittal) Steel, Cleveland, Ohio, in 2003 paired again with six-year-old male Stamma b/g *4/*W, fledged in 2003 from the University of Pittsburgh Cathedral nest site in Pennsylvania. Three chicks were banded from a second nesting attempt on July 17, 2009, and all fledged by August 1, 2009. One young male, 84/B, was found dead a few days later after colliding with a vehicle.

First year nesting attempted: 2006

SP-Eastlake Power Plant, Eastlake, Lake County, Ohio. This is the third year for this site. Six-year-old female Starbright b/g 19/E, fledged at Miami Fort Station, Cleves, Ohio, was again paired with Jerry 47/K. Three chicks were banded on June 4, 2009 and all were assumed to have fledged successfully by late June.

First year nesting attempted: 2007

SP-I-480 Bridge over the Cuyahoga River, southern Cuyahoga County, Ohio. Volunteer observers reported that female Maddy *8/*P and female Freedom 46/N fledged three young about June 20, 2009; however, no site access on the bridge was available to band in 2009.

SP-University of Toledo, Toledo, Lucas County, Ohio. Dave Scott and Scott Butterworth report that male Allen 93/P (Lima, Ohio 2004) paired with Cookie, *H/*5, a 1999 hatch from U.S. Steel, Gary Lake County, IN. Four chicks were banded on May 26, 2009 and fledged around June 15, 2009.

SP-Bay Shore Power Plant, Oregon, Lucas County, Ohio. Third year for this site. Dave Scott and Scott Butterworth report that male Swifty 35/P from Fort Wayne, Indiana, 2003 paired with Rosie, M/36 a 2007 hatch from First National Bank, Lima,

Allen County, OH. Two chicks were banded on June 23, 2009 and fledged around July 25.

First year nesting attempted: 2007

SP-Rhodes State Office Tower, Columbus, Franklin County, Ohio. Dave Scott and Donna Daniel, Ohio Division of Wildlife, report that seven-year-old male Orville 12/P, paired for the third year with Scout P/72. Four chicks were banded on May 21, 2009 and all fledged from June 7 – June 11. The only young male 50/A was found dead in a downtown fountain two days after fledging.

SP-Cleveland Clinic, Cleveland, Cuyahoga County, Ohio. Dave Scott and Damon Greer report that there are two new adults at this site male Dipper, H/46, a 2007 hatch from Bank One, Canton Stark County, OH and female Cade 71/U a 2006 fledgling from Syracuse, NY. They replace Flash b/r *3/*H and female Liberty C/W, who in 2008 were both nine years old and had both been here for seven years. Four chicks were banded on June 2, 2009. While all fledged successfully, one male was euthanized on June 18 after being found hanging from a vent cover on the side of the building. Another male was picked up in early July and band was removed from leg due to swelling. A new band was put on, and bird was released several days later at nest site.

SP-J.M. Stuart Power Plant, Aberdeen, Brown County, Ohio. Eighth year for this site. Dave Scott and Diana Malas report that female, Jesse 97/A, fledged in 2005 from Port Washington, Wisconsin, paired with five-year-old male Pinkie 73/E, his fourth year at this site. Four chicks were banded on May 22, 2009, and all fledged between June 6 – June 12.

First year nesting attempted: 2003

SP-I-80 Turnpike Bridge over Cuyahoga River, Boston, OH, northern Summit County, Ohio. Male Rocky B/13, a 2006 hatch from Hilliard Road Bridge, Lakewood, Cuyahoga County, OH paired with Lara bl 06/W, a 2006 hatch from Etobicoke, Ontario, Canada. Four chicks were hatched in early June, fledged in late July, but two died on the bridge post-fledge. Two other chicks were banded after fledging due to limited access to the bridge nest site.

First year nesting attempted: 2008

SP-Liberty Bank Building (AT&T Building), Dayton, Montgomery County, Ohio. Male Daniel D/83, a 2005 hatch from PNC Bank, Cincinnati Hamilton County, OH, paired with an unbanded female. Three chicks were banded on May 18, 2009 and

fledged by June 10, 2009. (The AT&T Building, a previous nesting site, is an adjacent site.)

LE-Bohn Building, Cleveland, Cuyahoga County, Ohio. Nest failed in 2009. An unbanded male and unidentified female used this site and the nearby Superior Building in 2009; one egg was produced at the Superior Building site but failed to hatch.

LE-Miami Fort Station, Cinergy, Cleves, Hamilton County, Ohio. A pair of unbanded falcons produced four eggs but the nesting attempt failed by early May 2009.

First year nesting attempted: 1998

NB-Hilliard Road Bridge, Lakewood, Cuyahoga County, Ohio. At least two, and possibly three, nesting attempts were made by an unbanded female Hillary and male Titan 97/P in 2009 failed.

NB-Edgewater Power Plant/21st Street Bridge, Lorain, Lorain County, Ohio. No confirmed nesting at this site in 2009, although an unbanded female falcon was observed throughout the season.

NB-Tower East, Shaker Heights, Cuyahoga County, Ohio. The nesting attempt by female Diana K/87 and male Onyx (B/00) failed in 2009.

First year nesting attempted: 2008

[Zimmer Power Plant, Moscow, Clermont County, Ohio. No information on this site for 2009.

First year nesting attempted: 2008]

[AK Steel, Middletown, Butler County, Ohio. No information on this site for 2009.

First year nesting attempted: 2008]

KANSAS

SP-Kansas City Power and Light, Topeka, Kansas. One male banded June 12, 2009 by John Arent.

MISSOURI

Jeff Meshach, Assistant Director of the World Bird Sanctuary in Valley Park, MO submitted the information for this report.

SP-Interco Building, St. Louis County, Missouri. Three young – two males and one female - were banded May 26, 2009. No information on adults available.

SP-AmerenUE, Labadie Power Station, St. Louis, St. Louis County, Missouri. Three chicks, all females, were banded on May 12, 2009. No information on adults available.

SP-Washington University Medical School, St. Louis, Missouri. In spring 2006 Jeff Meshach was alerted about the nest, but there was no way to get to the nest. After the 2007 nesting season Washington U. modified the very small ledge the birds were nesting on to include a box with pea gravel, drainage and all the other amenities that extends into a crawl space in the building that makes it possible to get to the chicks and band them. Two chicks, both female, were banded on May 18, 2009. No information on adults available.

First year nesting attempted: 2006

SP-AT&T (previously SWB) Downtown St. Louis, Missouri. Five chicks, one male and four females, were banded on June 2, 2009. No information on adults available.

[Commerce Tower, Kansas City, Jackson County, Missouri. No reported activity/banding for 2009 season.]

[Ameren UE Sioux Power Plant, Portage de Sioux, Missouri. No reported activity/banding for 2009 season.]

[Kansas City Power and Light, Hawthorn Plant, Kansas City, Jackson County, Missouri. No reported activity/banding for 2009 season.]

[Hawthorn Plant, Missouri. No reported activity/banding for 2009 season.]

[Old Chain of Rocks Bridge, St Louis, Missouri. No reported activity/banding for 2009 season.]

KENTUCKY

Kate Heyden, Avian Biologist, Nongame Branch, KY Department of Fish and Wildlife Resources provided the information for this report.

SP-KU Ghent Power Station, Ghent, Carroll Co., Kentucky. Kate Heyden and Dan Stoelb reported that female, JoJo b/g 75/C, fledged in 2006 from the LG&E Power Plant in Bedford, was at this site again, paired with an unidentified adult male. Four chicks, two males and two females, were banded on May 26, 2009.

First year nesting attempted: 2001

Total young produced: 28

SP-LG&E (Trimble Co) Power Station, Bedford, Trimble Co., Kentucky. Kate Heyden and Dan Stoelb report that the twelve-year-old breeding male, Greyfire b/r *K/V, hacked at the Calloway Nuclear Plant in Fulton, MO in 1997, was again at this site and paired with an unbanded female. Four chicks, all females, were banded on April 15, 2009.

First year nesting attempted: 1999

Total young produced: 27

SP-LG&E Millcreek Power Station, Jefferson Co., Kentucky. Kate Heyden and Dan Stoelb reported that Fabian b/g 53/P paired with an unbanded female. Four chicks, two males and two females, were banded on April 28, 2009.

First year nesting attempted: 2007

Total young produced: 9

SP-EKPC Spurlock Power Station, Maysville, Mason Co., Kentucky. Kate Heyden and Dan Stoelb reported that female, Cootes b/b 92/H, fledged in 2004 from the Sheraton Hotel in Hamilton, Ontario, was here again in 2009 and paired with an unknown male. Four chicks, one male and three females, were banded on May 28, 2009.

First year nesting attempted: 2007

Total young produced: 11

SP-Milton-Madison (US 421) Bridge, Madison, Indiana / Milton, Trimble Co., Kentucky. Kate Heyden and Dan Stoelb reported that the adult male, Asa Crane b/r *D/D, hacked from the KU Ghent Power Station in 1997, was again at this site and paired with an unbanded adult female. Four chicks, one male and three females, were banded on May 29, 2009.

First year nesting attempted: 2003

Total young produced: 22

SP-Ohio River (Big 4 / Kennedy) Bridges, Jeffersonville, Indiana / Louisville, Jefferson Co., Kentucky. Kate Heyden and Dan Stoelb reported that an unbanded female paired with an unidentified male and produced at least two young.

First year nesting attempted: 1995

Total young produced: 22

SP-Combs-Hehl (I-275) Bridge, Campbell Co., Kentucky. Kate Heyden and Dan Stoelb reported that Princess b/g 74/E paired with Derek b/g D/41 and produced three young. One of the chicks fledged unsuccessfully and was rehabilitated and banded upon release. This site fledged chicks in 2006 and 2007, but 2009 is the first year a chick was banded.

First year nesting attempted: 2006

Total young produced: 6

SP-Boone Co., KY: Duke Energy East Bend Station, Kentucky. Adult male Atlanta b/g 83/K paired with subadult Kory b/g *R/*C. Two chicks, one male and one female, were banded on June 9, 2009.

First year nesting attempted: 2009

Total young produced: 2

SP- Dow Chemical Company Facility/ Rohm and Haas Facility, Jefferson County, Kentucky. New Site for 2009. Adults are unknown. Three chicks were banded on June 5, 2009. A fourth chick fledged but was not banded. The three chicks that fledged unsuccessfully were placed in a newly provided nest box and parents remained with them until successful fledged. Fourth chick fledged successfully on its own.

First year nesting attempted: 2009

Total young produced: 4

NB-Downtown Covington, Campbell County, Kentucky. New Site for 2009. Dwight b/g 52/P paired with an unidentified female and nested unsuccessfully.

First year nesting attempted: 2009

Total young produced: 0

[Jefferson Co., KY: LG&E Cane Run Station, Kentucky. No activity was reported at this site for 2009.]

[Fayette Co., KY: Lexington Downtown (World Trade Center Building), Kentucky. No activity was reported at this site for 2009.]

[**Matthew E. Welsh Bridge Brandenburg, Kentucky / Mauchport, Harrison Co., Indiana.** No activity was reported at this site for 2009.]

ONTARIO

Since 1996, Project Peregrine has been intensively monitoring the breeding population of Peregrine Falcons (*Falco peregrinus*) within the Ontario side of the Lake Superior Basin, and northwestern Ontario. In 2009, there were 48 peregrine falcon territories identified, the highest number of territories recorded to date. There were 37 territorial pairs, and 11 single birds on territory. The breeding success of the 37 territorial pairs consisted of 33 breeding pairs, 27 pairs hatched young, and at least 65 young were assumed to have fledged. The number of chicks assumed to have fledged would be higher, but a number of the nesting sites were not visited a second time to confirm breeding success. Also, there were a number of nesting sites from previous years that were not visited in 2009. Three new sites were confirmed in 2009: Macdiarmid, Orient Bay, Lake Nipigon; Quarry Island, Rossport; and at Agawa Rock Pictographs, Lake Superior P.P.

Eleven nest sites were accessed by the banding team and 30 chicks (17 males, and 13 females) were banded. Banding activities were initiated on June 21 and concluded on July 3. Nine of the 30 chicks that were banded had blow fly (*Calliphoridae spp.*) maggot infestation in their ears. A total of 434 peregrine falcon chicks have now been banded at cliff nest sites since 1996.

When the banding team is at the nest site to band the chicks, prey remains are collected from the nest ledge. Thirty-four prey items were identified from 20 species of bird. New species identified in 2009 were Pine Grosbeak, Veery, and Swainson's Thrush.

SP-Red Sucker Cove, Ontario. On June 17, John Haselmayer hiked to the site and observed 3 chicks about 14 days old. The banding team accessed the site on June 21 and banded 3 chicks. The adult male is bl 4/X, 816-81846, a 1996 Pie Island Perch Lake band bird. The adult female is also banded with a b/r band. (3)

Year territory occupied: 2000 First nest attempt: 2000 Young produced: 21

SP-Pukaskwa Point, Ontario. Joel Cooper, Glenn Desy, and John Peluch observed one adult on site on May 11. The banding team banded 2 chicks on June 22. There was also one unhatched egg in the nest. Both chicks had blow fly infestation in both ears. The adult male is not banded and the adult female appears to have a b/r band. (2)

Year territory occupied: 2000 First nest attempt: 2000 Young produced: 7

SP-Pointe la Canadienne, Pukaskwa National Park, Ontario. The nest was first discovered by John Haselmayer on June 15. The banding team banded two chicks on June 22. The male chick was very large and female bands were placed on its legs. There was also one unhatched egg in the nest. The adult female is banded b/r *E /*C, a 1998 Finn Church, Minnesota banded bird. This site is only 1.4 km from the regularly occupied Pukaskwa Depot nest site. There was no activity observed at Pukaskwa Depot this year, and it is assumed that the birds moved. There has been no activity at this site since 1999 when a single bird was observed here. (2)

Year territory occupied: 1999 First nest attempt: 2009 Young produced: 2]

SP-Coppercliff Road West, Ontario. The nest site was located during the helicopter flight of June 8. Both adults were present, and at least 2 chicks were on the nest ledge. This new nest ledge is located at the extreme north end of the cliff face. On June 24, one chick was banded, and it had severe blow fly infestation. One unhatched egg was also collected from the nest ledge. (1)

Year territory occupied: 1999 First nest attempt: 2000 Young produced: 22

SP-Mt. McRae, Ontario. Both adults were first observed on April 5. The nest site was on the traditional ledge and there were at least 2 chicks approximately 7 days old observed from the helicopter on June 8. The banding team banded 4 chicks on June 25. Both adult birds are banded. (4)

Year territory occupied: 1996 First nest attempt: 1996 Young produced: 40

SP-Squaw Bay, Ontario. There was a single bird on site on March 29. The new nest ledge, the third one that has been used at this site was located during the helicopter flight of June 8. There were at least two chicks about 7 days old, and one egg observed. The banding crew banded 2 chicks on June 25. Male banded chick 60/Y had blow fly infestation in both ears. The adult female is b/g 2/*5, an US banded bird that has yet to be identified. (2)

Year territory occupied: 1997 First nest attempt: 1998 Young produced: 32

SP-South Fowl Lake, Ontario. The nest site is the same as in 2008, and during the helicopter flight of June 15, there were at least 2 chicks about 10 days old observed. On June 26, two chicks were banded. The adult female is not banded, and the adult male is bl ?/E over (2)

Year territory occupied: 2001 First nest attempt: 2008 Young produced: 4

SP-Dorion Tower, Ontario. There were at least 3 chicks about 12 days old observed during the helicopter flight of June 15. Three chicks were banded on June 26. (3)

Year territory occupied: 2002 First nest attempt: 2002 Young produced: 17

SP-Oliver Creek Road, Ontario. The pair was first reported by Elaine MacKenzie on April 1. Four chicks were banded on June 27, and they all had blow fly infestation in both ears. The nest ledge has moved about 75 metres to the north. (4)

Year territory occupied: 2004 First nest attempt: 2006 Young produced: 11

SP-Arrow Lake Provincial Park, Ontario. A new nest ledge at the northeast end of the cliff was discovered during the helicopter flight of June 15. Four chicks about 10 days old were observed. The banding team banded four chicks on June 30. (4)

Year territory occupied: 2004 First nest attempt: 2005 Young produced: 10

SP-Arrow Lake West End, Ontario. Kai Hilden reports the birds are back on March 28. There were 2 chicks about 7 days old and one egg observed during the helicopter flight of June 15. The female chick 71 over W had blow fly infestation in both ears. Three chicks were banded on July 3.(3)

Year territory occupied: 2004 First nest attempt: 2005 Young produced: 11

Additional Peregrine Falcon Breeding Pairs

Number of young assumed to have fledged ()

SP-Small Lake (Grassie), South of Sturgeon Bay Road, Ontario. Three chicks about 7 days old were observed from the helicopter on June 8. (3)

Year territory occupied: 2005 First nest attempt: 2005 Young produced: 7

SP-Cap Chaillon, Lake Superior Provincial Park, Ontario. Carol Dersch and Joel Cooper observed the pair on May 4. On June 16, the female was feeding 1 young in a nest that is only 7 metres off of the water. On July 4, two young were observed in the nest. Two recently fledged young (in nest in morning; away from nest in afternoon; one flying, one rock-hopping) were observed on July 20. (2)

Year territory occupied: 2004 First nest attempt: 2004 Young produced: 2

SP-Squaretop Mountain, Ontario. A single adult was observed sitting on the normal cliff on April 5. On June 8 the female was sitting tight on the nest, and the nest site has moved approximately 900 metres to the south on the next cliff face. On June 15, there were at least 2 chicks about 10 days old observed from the helicopter. (2)

Year territory occupied: 1997 First nest attempt: 1997 Young produced: 36

SP-Beaver Rock, Lake Superior Provincial Park, Ontario. This was a successful nesting site with 2 chicks observed on June 11, and June 30. The estimated fledging date was between July 10-15. There were 2 fledged young present on Aug 2. (2)

Year territory occupied: 2002 First nest attempt: 2003 Young produced: 11

SP-Old Woman Bay, Lake Superior Provincial Park, Ontario. On June 25, Joel Cooper located 3 young in nest. This was the fourth known nest ledge and was near the first documented nest location (1998). On July 20, three fledged young were observed perched together at top of cliff. (3)

Year territory occupied: 1998 First nest attempt: 1998 Young produced: 28

SP-Otter Island, Pukaskwa National Park, Ontario. Joel Cooper, Glenn Desy and John Peluch located the nest and pair on May 11. John Haselmayer observed three chicks about 25 days old on June 15. The nest ledge was the same that has been used in recent years. (3)

Year territory occupied: 2000 First nest attempt: 2000 Young produced: 14

SP-Thunder Cape, Sleeping Giant Provincial Park, Ontario. John Woodcock reports seeing only one chick food begging for food this year. (1)

Year territory occupied: 1990 First nest attempt: 1993 Young produced: 30

SP-Nipigon River Mouth, Ontario. Jack Dampier reports seeing 4 birds flying on July 17. It is assumed that at least two chicks fledged this year. (2)

Year territory occupied: 1991 First nest attempt: 1996 Young produced: 34

SP-Kama Bay, Ontario. On April 17, Rosemary Hartley reports the pair is back on territory. The banding team observed an adult flying with food to the old nest site that was last used in 2006. The adults and one chick were observed flying on July 14. (1)

Year territory occupied: 1995 First nest attempt: 2001 Young produced: 18

SP-Robertson Lake, Ontario. In early July, Nathan Hanes observed an adult feeding two chicks about 22 days old. Photos taken of the adult flying indicate that it is banded. (2)

Year territory occupied: 1997 First nest attempt: 1997 Young produced: 6

SP-Agawa River (Burnt Rock Pool) Lake Superior Provincial Park, Ontario. Bob Elliott saw adult fly off cliff to chase a turkey vulture, near where nest was observed in 2008. In mid July Bob observed 4 falcons flying and believes two were fledged young. (2)

Year territory occupied: 2008 First nest attempt: 2008 Young fledged: 4

SP-Cliff Three Kilometres West of Jackpine Hwy 593, Ontario. The nest ledge has moved to the north and on June 15, three chicks about 14 days old were observed from the helicopter. (3)

Year territory occupied: 2005 First nest attempt: 2006 Young produced: 6

SP-Pie Island, Turtle Head, Ontario. Both adults and at least two chicks about 10 days old were observed from the helicopter on June 8. The nest ledge was the same as in 2008. (2)

Year territory occupied: 1998 First nest attempt: 1998 Young produced: 22

SP-Mink Bay, Ontario. A single adult was spotted on April 28. Both adults were observed from the helicopter on June 8, but no nest located. Frank Beck reports that pair is very vocal and on July 9 two fledged chicks were observed. (2)

Year territory occupied: 1998 First nest attempt: 2000 Young produced: 10

SP-Flatland Harbour, Ontario. Three chicks about 10 days old were observed from the helicopter on June 8. The nest ledge was slightly higher than last year. (3)

Year territory occupied: 2000 First nest attempt: 2003 Young produced: 19

SP-Agawa Rock Pictographs, Lake Superior P.P., Ontario. New nest site in 2009.

First report of an adult was on June 3. On June 23, Carol Dersch and Joel Cooper observed both adults and two chicks on a ledge just south of pictographs. On July 5, Carol and Glenn Desy aged the chicks at 21-22 days. Another visit on July 14, estimated the male chick at 31/32 days, and female chick at 27/28 days. (2)

Year territory occupied: 2009 First nest attempt: 2009 Young produced: 2

SP-Montreal River-North of Railway Bridge, Ontario. On July 12 Carol Dersch and Joel Cooper heard what they believe to be calling young but could not locate the nest or fledged young. One adult observed. Steve Tice also reported that he did not see fledged young, but did hear what sounded like young at a nest.

Year territory occupied: 1999 First nest attempt: 2004 Young produced: 4

LE-Pie Island, Le Pate, Ontario. The female was sitting tight on the nest during the helicopter flight of June 8. The nest site was once again in the small cave as in 2008.

Year territory occupied: 1994 First nest attempt: 1994 Young produced: 19

LE-South of Lomond River, Ontario. The female was sitting tight on the nest during the helicopter flight of June 8. The nest ledge was the same that was first used back in 2001.

Year territory occupied: 1993 First nest attempt: 1993 Young produced: 6

LE-Devil's Warehouse Island, Lake Superior Provincial Park, Ontario. On May 4, pair present and the female apparently incubating in large open cave. There was no evidence of successful nesting on further visits (July 4, July 5, and July 20).

Year territory occupied: 1993 First nest attempt: 1993 Young produced: 39

NB-Macdiarmid, Orient Bay, Lake Nipigon, Ontario. New site in 2009. Peregrines were reported nesting here by Karen Sheppard but no young confirmed. Karen sent a video of an adult bird on Aug. 10. The birds also nested here in 2008.

Year territory occupied: 2008 First nest attempt: 2008 Young produced: 0

NB-Quarry Island, Rosspport, Ontario. New site in 2009. Christine Vance photographed an adult bird sitting on a TV antenna in Rosspport on June 28. Dave

Tamblyn reports on Sept. 7 that the birds nested on Quarry Island and have been vocal all summer, but no young were confirmed.

Year territory occupied: 2009 First nest attempt: 2009 Young produced: 0

NB-East of Matson Lake, Ontario. Both adults were observed from the helicopter on June 15, but no nest was located.

Year territory occupied: 2002 First nest attempt: 2003 Young produced: 2

NB-Till Creek, north of Bushy Bay, Lake Superior Provincial Park, Ontario. On May 4 there was one adult on the cliff. A territorial pair was observed on June 16. There was no activity on July 20.

Year territory occupied: 2008 First nest attempt: xxxx Young fledged: 0

NB-Cape Victoria, Ontario. Paul Dennis reports pair on June 28.

Year territory occupied: 2003 First nest attempt: 2005 Young produced: 6

NB-Sault Ste. Marie, Ontario. Adults were observed along the Canadian side of the St. Mary's River. The pair nested this year on the Michigan side of the bridge. It appears that they lost due to construction activity. Nesting has taken place on both the US and Canadian sides of the bridge in past years.

Year territory occupied: 1999 First nest attempt: 2000 Young produced: 2

Single Adult Peregrine Falcons on Territory

NB-Point Isacor, Ontario. Joel Cooper, Glenn Desy and Mike Peluch observed one adult on May 11. On June 14 J Cooper and Carol Dersch observed adult plucking prey on cliff and then fly to possible nest ledge.

Year territory occupied: 2002 First nest attempt: 2003 Young produced: 7

NB-South Gillies, Hwy 595, Southwest of Microwave Tower, Ontario. There was one adult present on the June 8 helicopter flight. There was no sign of birds when the cliff face was observed for 2 hours on July 9.

Year territory occupied: 2001 First nest attempt: 2001 Young produced: 10

NB-Michipicoten Island, Ontario. Carol Dersch and Joel Cooper observed a single bird on Davieux Island (589679E 5283138N) on June 12 (afternoon), and 13 (morning). Also, on June 13, heard adult calling for about 30 minutes before locating it in a tree on north side of island (583915E 5292523N). Checked out west end of Island but no falcons observed.

Year territory occupied: 2004 First nest attempt: xxxx Young produced: 0

NB-Pie Island- Perch Lake, Ontario. One adult was observed from the helicopter flying along the cliff on June 8. No nest was observed.

Year territory occupied: 1996 First nest attempt: 1996 Young produced: 8

NB-McKellar Point, Lake Superior, Ontario. One adult was observed from the helicopter on June 8.

Year territory occupied: 2007 First nest attempt: 2007 Young produced: 2

NB-Finger Point, Lake Superior, Ontario. One adult was observed from the helicopter on June 8. Last years nest ledge has a successful breeding pair of Common Ravens.

Year territory occupied: 2005 First nest attempt: 2008 Young produced: 2

NB-Mount McKay, Ontario. On March 25, George Williams observed a single bird on the north face. There was one adult flying along cliff face on March 29. There were no other observations during the summer.

Year territory occupied: 1994 First nest attempt: 1994 Young produced: 31

NB-Whitefish Lake, Ontario. There was one adult on site during the helicopter flight of June 15. There was no follow-up at this site.

Year territory occupied: 1998 First nest attempt: 1998 Young produced: 22

NB-Pie Island- East Side, Ontario. One adult was observed from the helicopter on June 8.

Year territory occupied: 1993 First nest attempt: 1993 Young produced: 4

NB-Wawa near Michipicoten River Village, Ontario. On September 9, Carol Dersch observed one peregrine on an island near Sandy Beach (backlit, uncertain if adult or immature).

Year territory occupied: 2002 First nest attempt: xxxx Young produced: 0

NB-Jarvis Point, Ontario. On April 24 a single adult was observed here by Jenn Chikoski and Brian Ratcliff. No activity observed from helicopter on June 8.

Year territory occupied: 2003 First nest attempt: xxxx Young produced: 0

Previous Peregrine Falcon Territories with No Sightings in 2009

Undercliff Island, Lake Nipigon, Ontario. This site was not visited in 2009.

Year territory occupied: 2002 First nest attempt: 2006 Young produced: 1

Jessie Lake, Ontario. This site was not visited in 2009.

Year territory occupied: 2003 First nest attempt: 2003 Young produced: 2

Pukaskwa Depot, Ontario. Joel Cooper, Glenn Desy and John Pulech found no sign of birds here on May 11. There were no birds observed here by John Haselmayer on June 15. This site has been used since 2001, but this year a pair was successfully nesting at Point la Canadienne, about 1.4 km to the west.

Year territory occupied: 2001 First nest attempt: 2001 Young produced: 25

Caribou Island, Ontario. No sign of birds on April 6, and again during the helicopter flight of June 15.

Year territory occupied: 2000 First nest attempt: 2001 Young produced: 16

Pie Island, Greenstone Point, Ontario. No birds were observed during the helicopter flight of June 8.

Year territory occupied: 2000 First nest attempt: 2000 Young produced: 14

Arrow River Road, Devon Township, Ontario. No birds were observed during the helicopter flight of June 15.

Year territory occupied: 2008 First nest attempt: 2008 Young fledged: 0

Big Trout Bay, Ontario. There were no birds observed from the helicopter on June 8.

Year territory occupied: 2007 First nest attempt: 2008 Young produced: 1

Thompson Island, Ontario. Site was not visited in 2009.

Year territory occupied: 2007 First nest attempt: 2007 Young produced: 1

Northwest of Mollie Mountain, Ontario. No birds were observed from the helicopter on June 8.

Year territory occupied: 1997 First nest attempt: 1998 Young produced: 19

Atikokan, Steep Rock Mine, Ontario. Brian Jackson and Dave Elder had no observations or reports for 2009.

Year territory occupied: 2000 First nest attempt: xxxx Young produced: 0

Havilland Bay, Ontario. There were no reports of birds here in 2009.

Year territory occupied: 1998 First nest attempt: 1999 Young produced: 11

Cavers Bay, Ontario. Site not visited in 2009.

Year territory occupied: 2005 First nest attempt: 2005 Young produced: 2

Armour Island, Ontario. Site not visited and no reports for 2009.

Year territory occupied: 2006 First nest attempt: xxxx Young produced: 0

Alona Bay-Theano Point, Ontario. No reports for 2009.

Year territory occupied: 2000 First nest attempt: 2003 Young produced: 2

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SP-Radisson Hotel Downtown (formerly Delta Winnipeg Hotel), Winnipeg, Manitoba. The resident pair for the seventh year were thirteen year-old Trey bl 2|8 and seven-year-old Princess b/g 39/B. Trey fledged from the Radisson Hotel in 1996 while Princess fledged from NSP Riverside in Minneapolis, Minnesota in 2002. Last year this pair used the east-side nest ledge, their chicks died of exposure during a heavy rain event. This year they used the same nest ledge, laid four eggs, removed one after the first week and hatched the remaining three successfully. The Project installed a temporary nest tray two days before hatching to ensure the chicks would not suffer the same fate as last year's young. The three chicks, 2 males and 1 female, were banded on June 18th and fledged on July 4th and 5th (the males) and July 7th (female). All three chicks fledged without injury, though the female was retrieved from street level shortly after fledging - she flew too low and could not gain altitude again. Because the nest ledge is not accessible without specialized equipment, the female fledgling was placed in the 30th floor nestbox on July 8th after being medically cleared by a local raptor rehabilitator. She spent a couple of days in/at the nestbox before fledging again without incident. All of this year's fledglings were gone from their natal area by mid-August. By late September, Trey and Princess had also left the Radisson territory.

Number Produced: 3

SP-McKenzie Seeds Building, Brandon, Manitoba. There is a new resident pair at this location - fourteen-year-old male Zeus bl *7/9 who fledged from this site in 1995, and two-year-old Hurricane bl 23/Y who fledged from the Radisson Hotel in 2007. Hurricane was banded as a male based on leg measurements - body size, weight and wing length were also consistent with a male peregrine chick at 21-25 days of age. During this year's banding, Hurricane and Zeus looked to be about the same size. Four eggs were laid at the McKenzie Seeds Building and 3 females, 1 male were banded on July 2, 2009. Given Hurricane's gender misidentification, this year's chicks were measured carefully at banding, hopefully in the future we will have the opportunity to see if Hurricane's small size is passed along to her offspring. All the chicks fledged without incident on July 22nd and 23rd. The fledglings and adults had all disappeared from the site by early October.

Number Produced: 4

LE-Building in West Winnipeg, Winnipeg, Manitoba. Five-year-old, resident male Ivy bl *8/V returned for his third year on this territory and was paired with Jules, his female from last year. Jules has only a breeder's band on her right leg and we have not yet been able to identify her. For the first time, this pair attempted to nest, laying three eggs but the nest failed as the pair were continually being "spooked" from the nest by activity on/around the building. Despite the loss of their eggs, they continued to defend

site through the remainder of the nesting season. The Project has a nestbox on a nearby building which we know this pair has visited frequently over the last two years, including making nest-scrapes in the box this spring. We are also working to install a second nestbox on another building nearby. Hopefully this pair will choose to nest in one of these alternate locations next year and perhaps be more successful as a result. There is unfortunately no way to reduce the activity at this year's location. The exact location of this building cannot be published under agreement with the building's owners.

NB-Building in Western Manitoba. Two-year-old male Brooklyn bl 21/Y, hatched at McKenzie Seeds in 1997 was the resident male at a nestbox on a building in a small town in western Manitoba. With him was an unbanded female. The pair arrived at the nestbox on April 28th and remained at the site through the summer but did not initiate nesting. We are hopeful that this pair will return to this site next year. At present, the exact location of this site is being withheld until such time as we can ensure the safety and security of the birds if they return next year.

Sites Visited:

Radisson Hotel Downtown, Winnipeg, Manitoba:

Sandy b/g *V/*E a fledgling from this year's nest on the First Community Bank in Fargo, North Dakota spent a week (Oct 11-17) at the Radisson Hotel hunting and resting before she too left on migration.

Apartment Building, south-central Winnipeg, Manitoba:

On the evening of May 19th, seven after-hatch-year (adult plumage) peregrines were observed (and photographed) on window ledges and the roof of this building. The weather was dry but there were strong east winds and all the birds settled on the west side of the building after circling a few times. The first two birds arrived at just after 8pm, the last arrived by 9:15pm just as the light was fading. By 5am the following morning, only one bird was still on the building and it left shortly before 6am. Because of the poor evening light conditions, it was impossible to determine if there were bands on any of the birds. The building is within the Radisson territory but the resident Radisson pair were not among the birds on this building (they were both observed via webcam at the Radisson Hotel nest ledge). Nor were any of these birds the West Winnipeg pair - they too were observed on their territory. No peregrines were observed at this site after this date.

Other Sites:

[Water Tower, Brandon Mental Health Centre, Brandon, Manitoba:

There were no reports of peregrines nesting, roosting or even visiting this site this year.]

The following figures (1 – 15) characterize the various aspects of the population dynamics of peregrine falcons in the Midwestern U.S. and adjoining Canadian Provinces.

Figure 1.

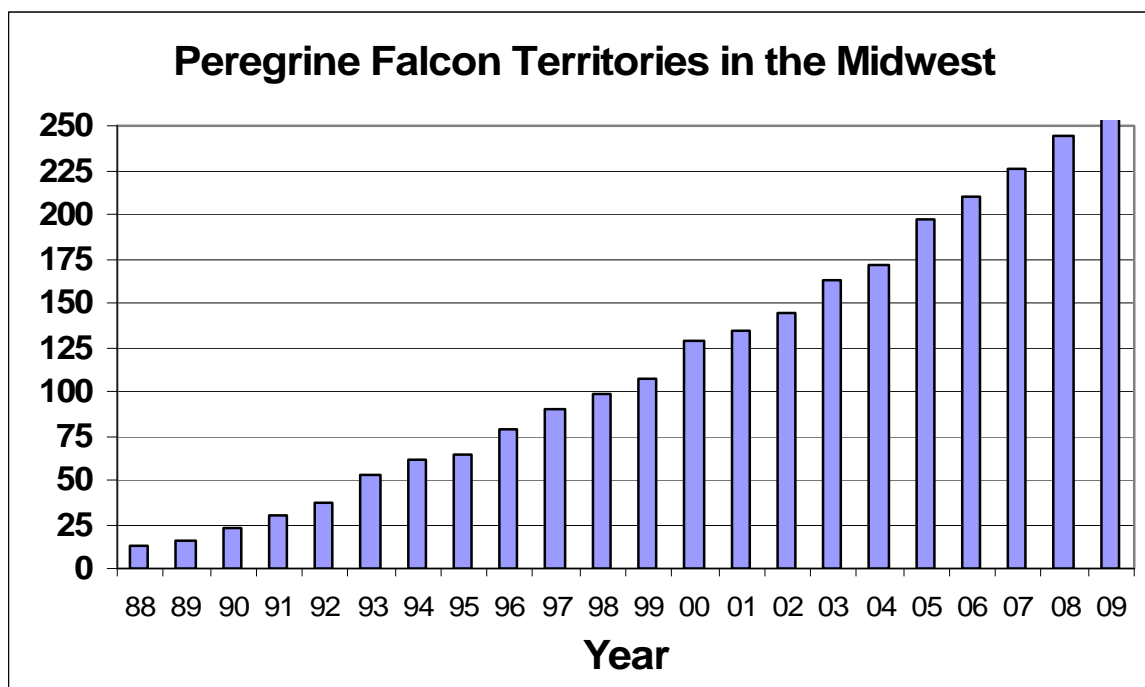


Figure 2.

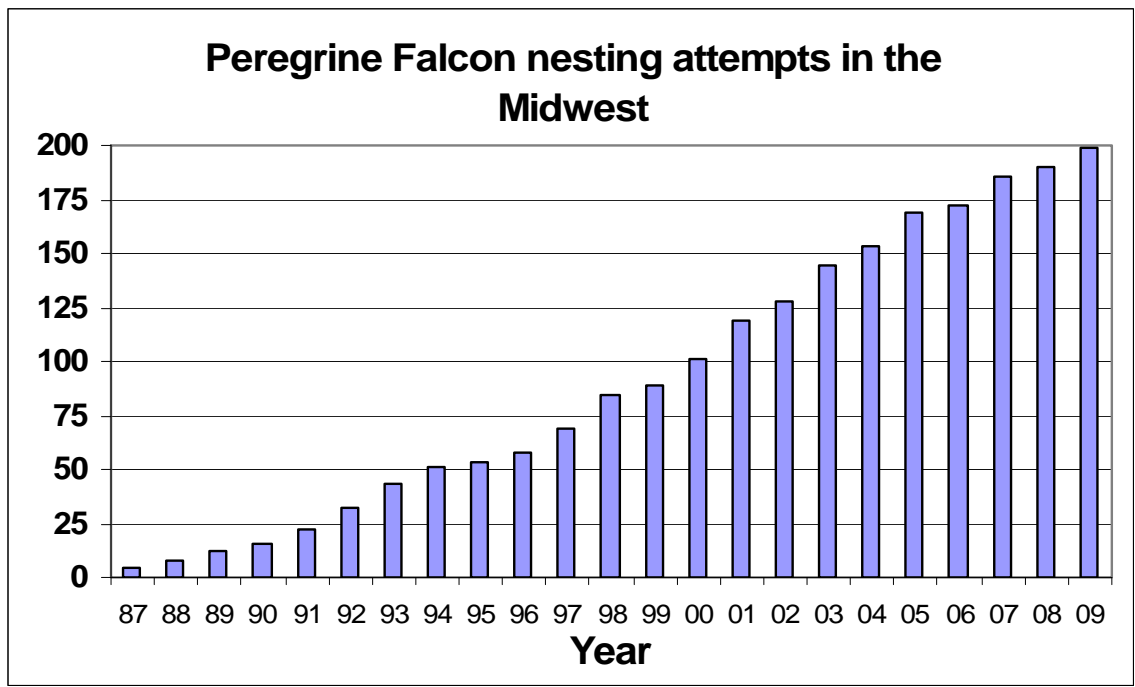


Figure 3.

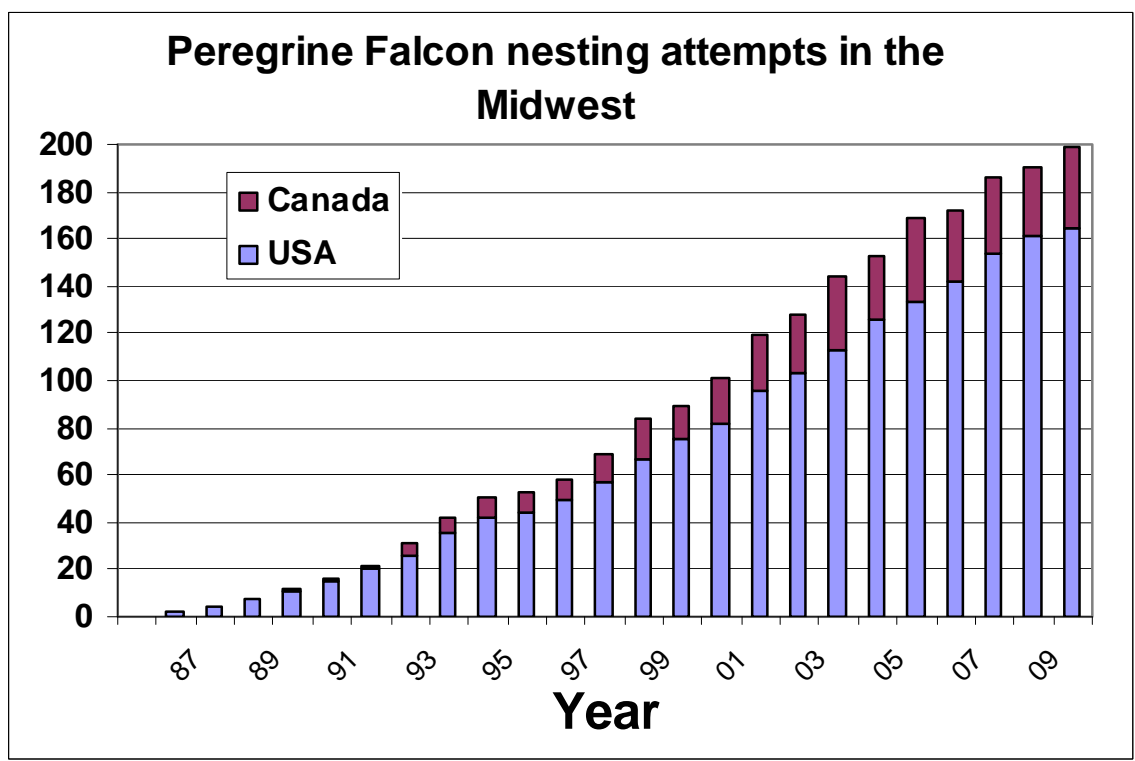


Figure 4.

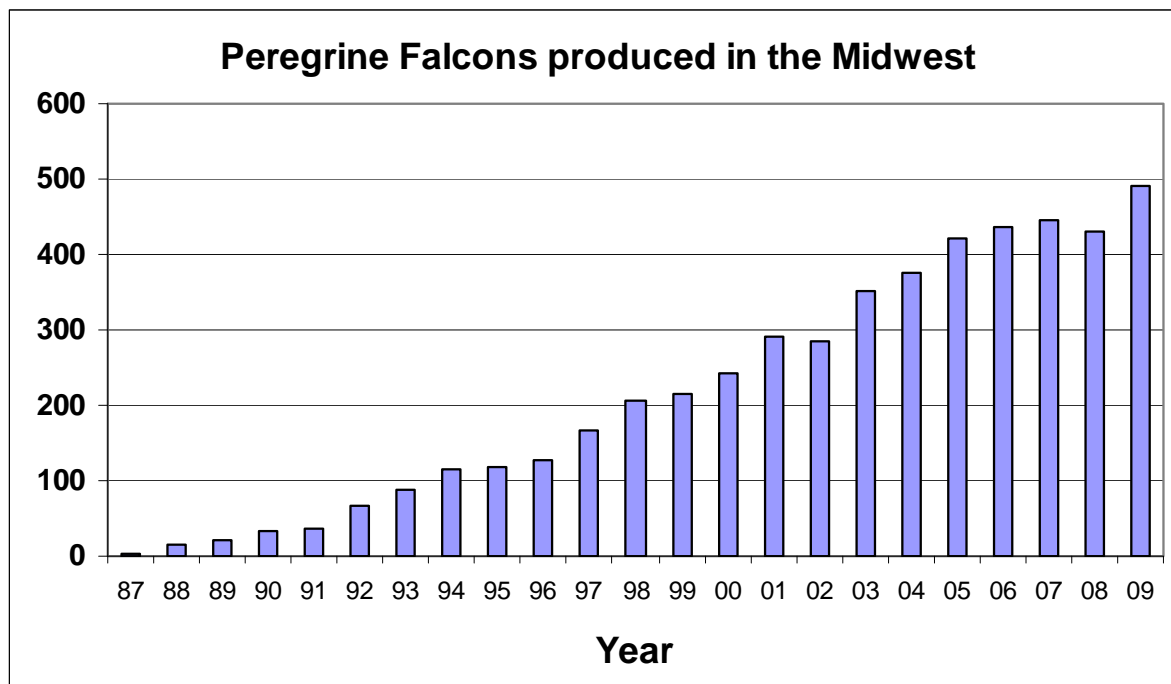


Figure 5.

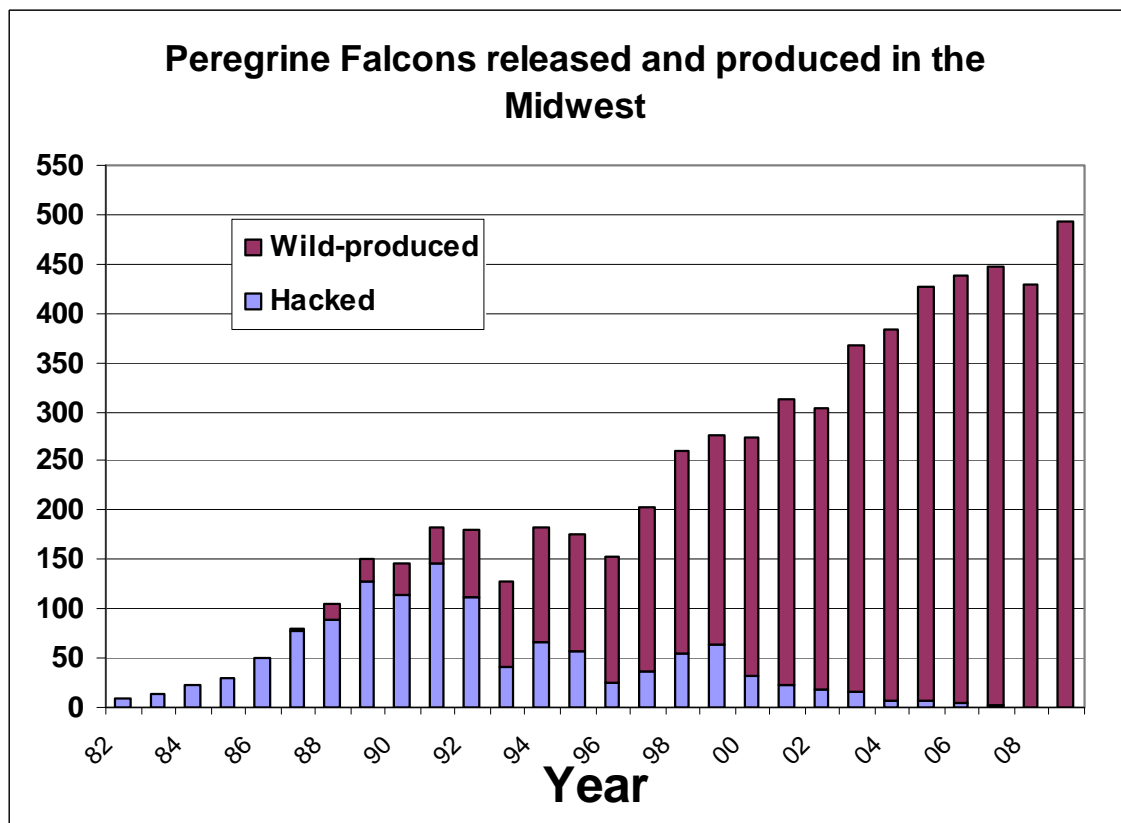


Figure 6.

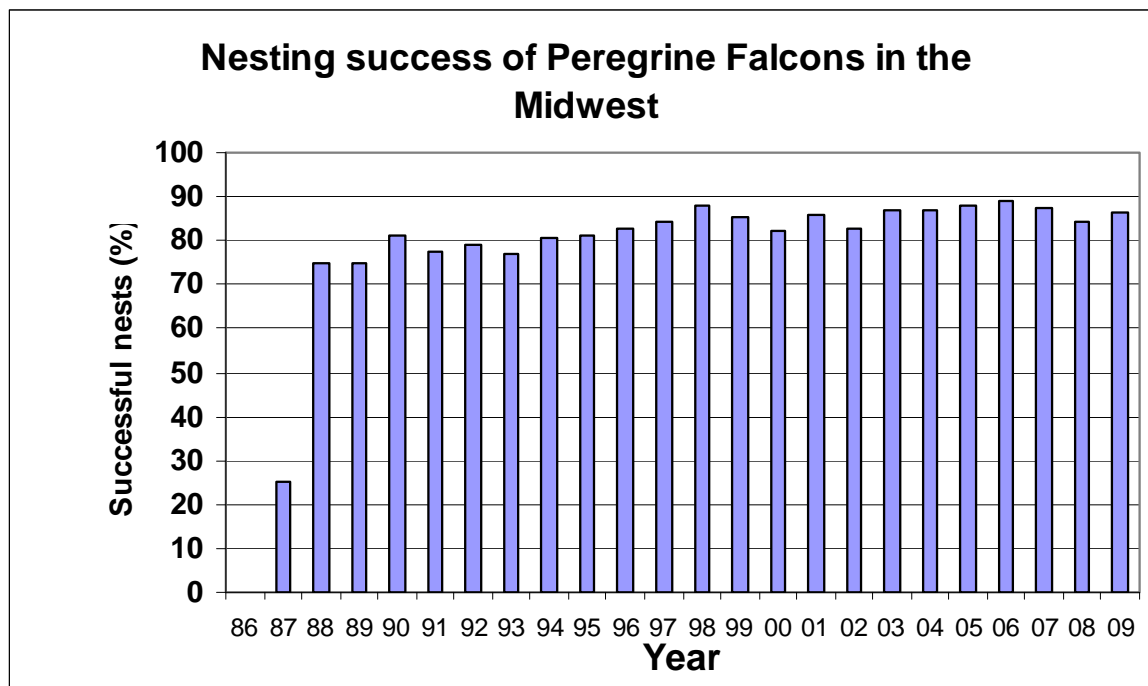


Figure 7.

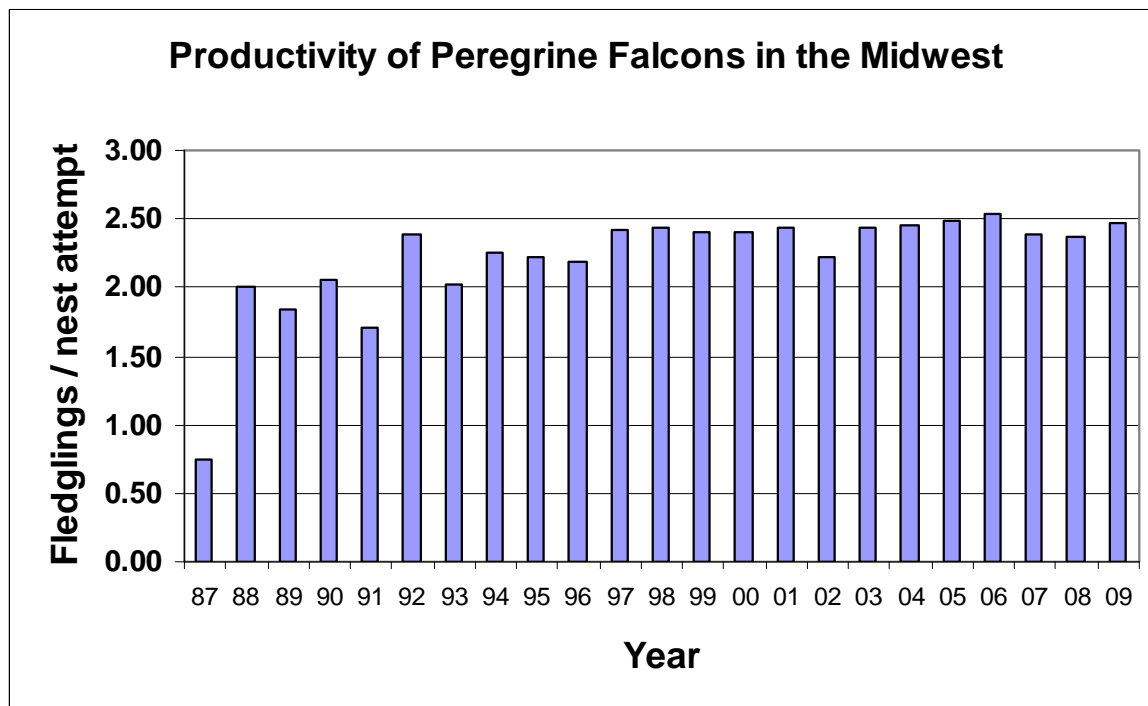


Figure 8.

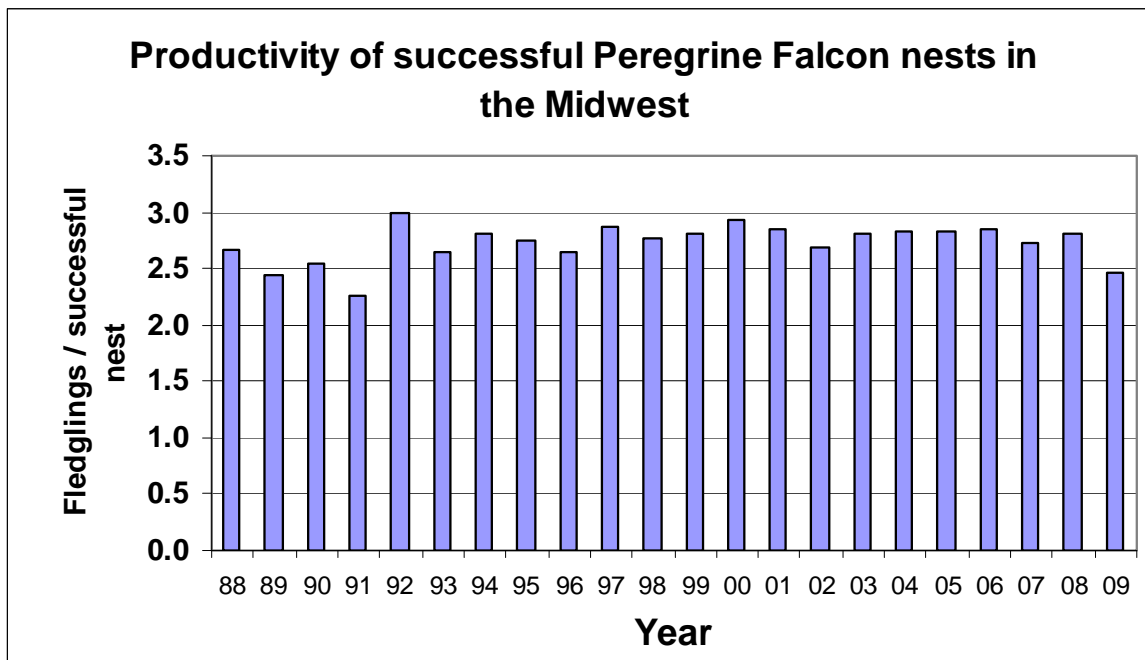


Figure 9.

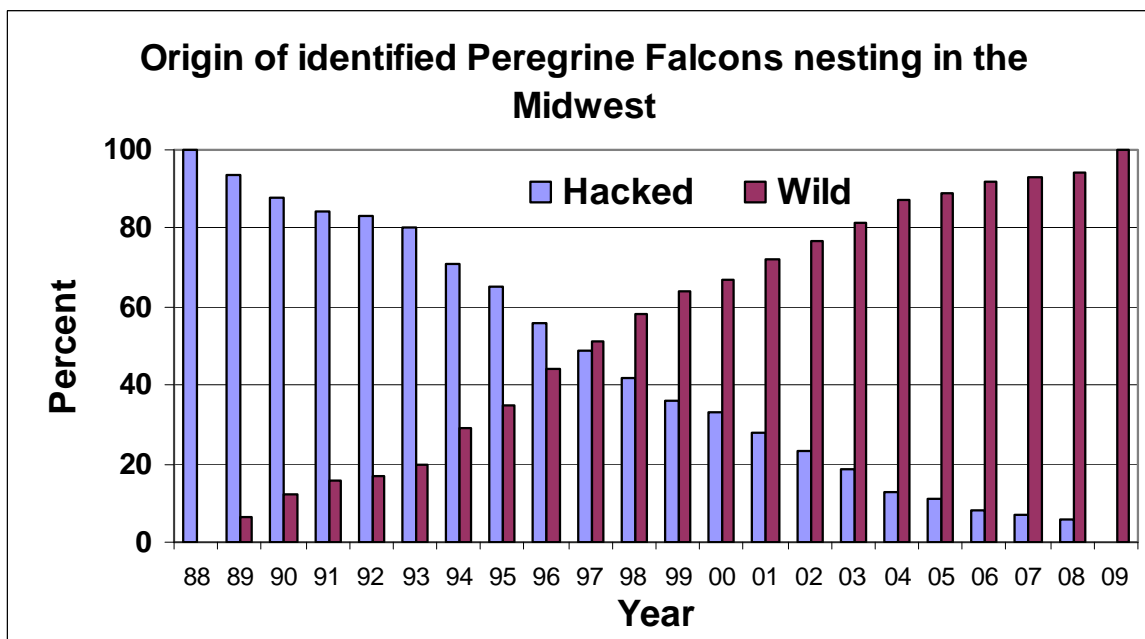
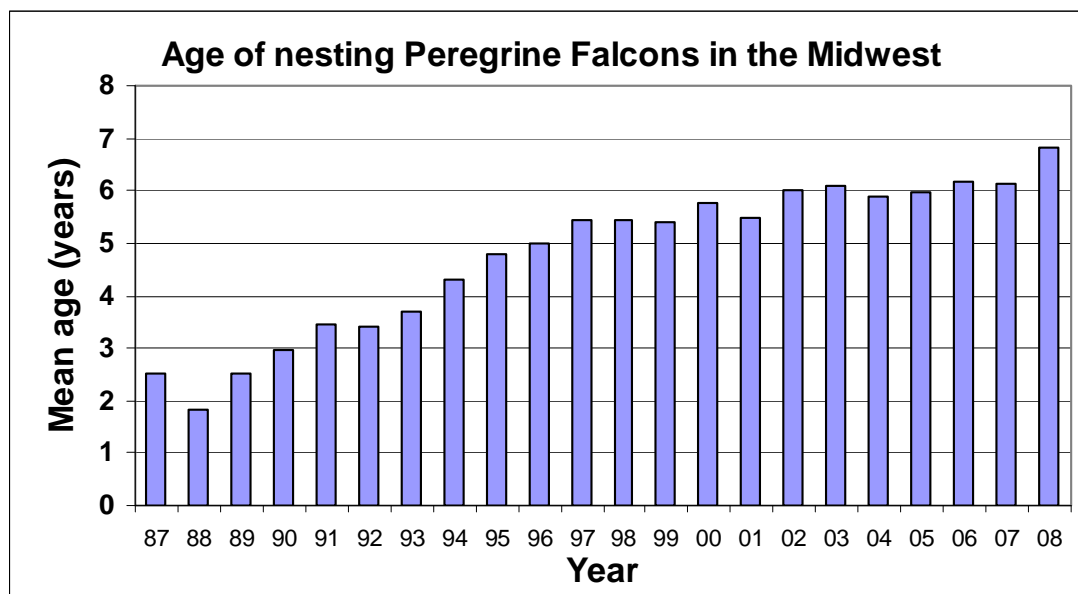
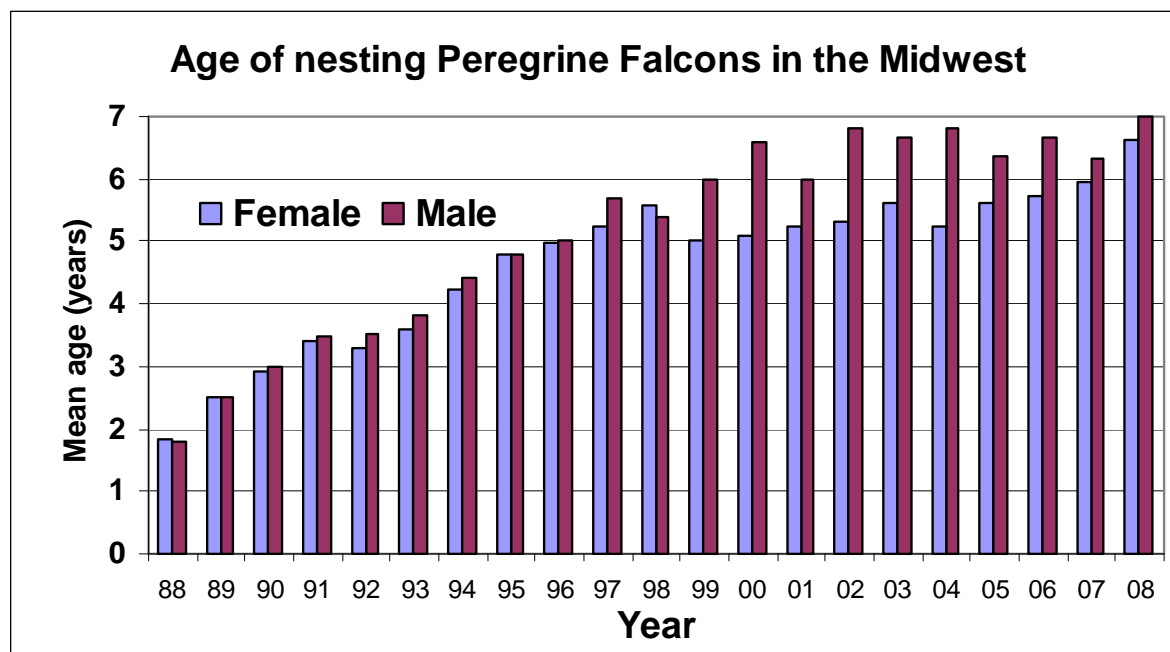


Figure 10.



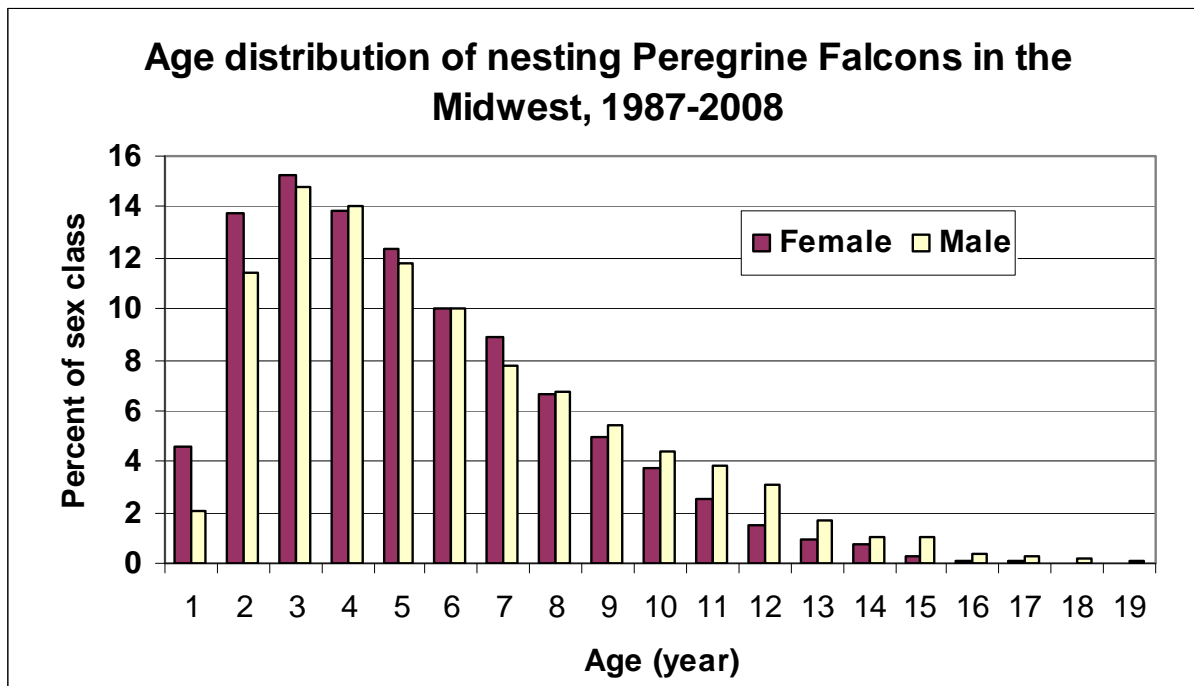
No longer being tracked after 2008

Figure 11.



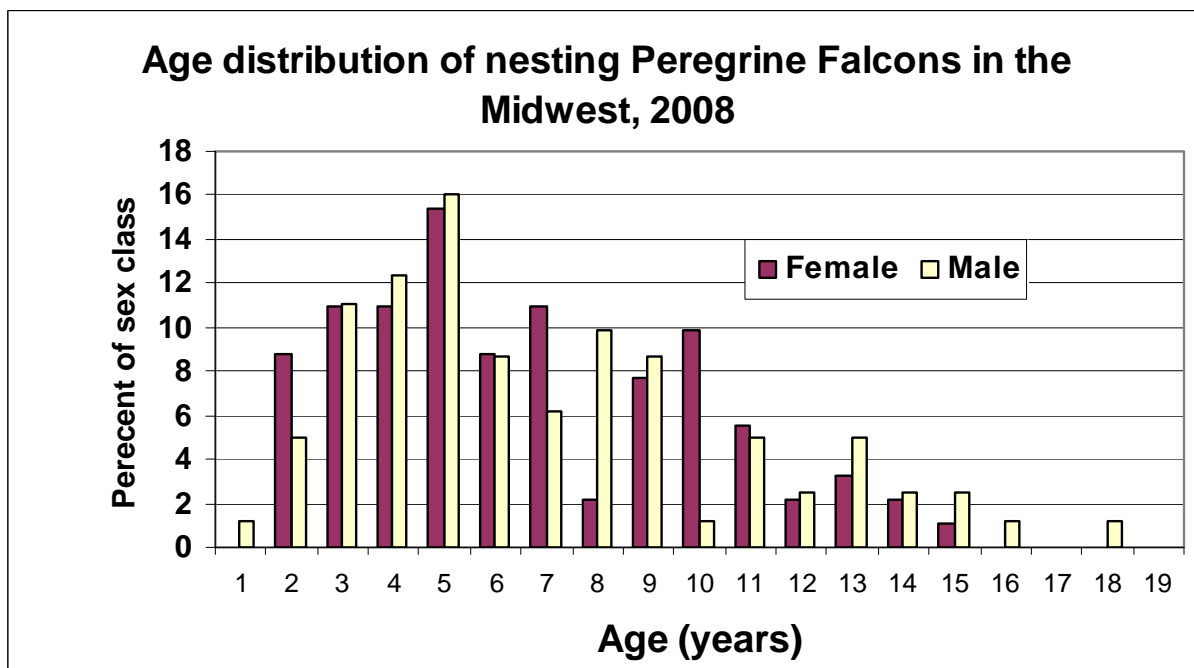
No longer being tracked after 2008.

Figure 12.



No longer being tracked after 2008.

Figure 13.



No longer being tracked after 2008.

Figure 14.

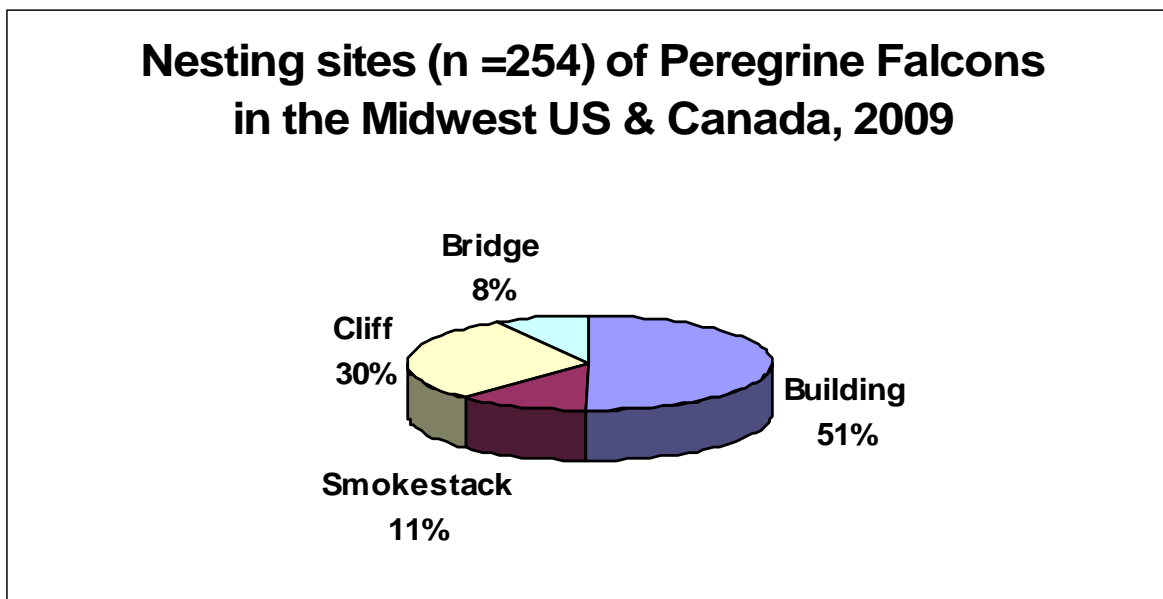


Figure 15.

