The year 2013 was another busy one for PRAS, and we hope you enjoyed not only our indoor programs, but also our outings. Here's a summary of most of what happened. We hope to see you out there in 2014.

## 2013 Indoor Programs:

January 8: Alaska's Highways and Byways, by Jake Snider - 45 folks

February 12: Snakes Alive!, by Jim McGrath - 90 folks

March 12: The history of timber wolves in Michigan, by Michael Cromley – 53 folks

April 9: The Kirtland's Warbler - Fight against Extinction, by Bill Rapai - 31 folks

May 14: Lake Michigan/Huron Low Levels, by Roger Gauthier - 31 folks

June 11: Outdoor potluck at Spring Lake Park - 32 folks

September 10: Hiking the U.P.'s Porcupine Mountains, by Rick Barber – 43 folks

October 8: Forest Succession in Northern Michigan, by Luke Nave – 20 folks

November 12: "Volunteer water quality monitoring in northern MIchigan" by Kevin Cronk – 15 folks

December 10: Member's Slide Fest & Holiday Treats – 8 folks

A total of **368 people** attended these **10 programs**, for <u>an average of 36.8 folks per program</u>. A big thanks to each presenter for sharing his and her knowledge and enthusiasm with us, and to Jake Snider for organizing them!

## 2013 Outdoor Activities:

Jan. 14 Snowshoe at the LTC Black Hole Preserve near Alanson (Doug Fuller) - 16 folks

Feb. 12 Snowshoe at NCMC's Natural Area & tour the new science center (Kathy Germain) - 5 folks

March 16 Walk at Raven Hill Discovery Center near East Jordan (Evelyn Howell) - 7 folks

March, April, May Hawk Watching at Mackinaw City (Steve Baker) - approx 49 PRAS members

April 21 Birding at Fisherman's Island State Park (Darrell Lawson) - 11 folks

May 2, 9, 16, 23, 30 Bird walks at Spring Lake Park (Sally Stebbins) - 52 folks (9+11+17+15)

May 7, 14, 21, 28 Bird walks at Pond Hill Farm (John & Joanne Biddick) – 33 folks (9+9+15)

May 4 Dingman Marsh birding (John Kafer) – 17 folks

May 11 North American Migratory Bird Count – 11 folks

May 18 Birding along the Boyne River (Darrell Lawson) - 15 folks

May 26 Vesper birding at the Waldron Fen (Sally Stebbins) - 25 folks

June 1 Birding the Bay View Woods (Tracy Datlen) - 10 folks

June 4 In Search of the American Bittern (Darrell Lawson) – 10 folks

June 8 Birding at the Headlands near Mackinaw City (John Kafer) - 13 folks

June 11 Bird Walk at Spring Lake Park (after picnic) - 17 folks

June 19 Chimney Swifts in downtown Petoskey (John Shreves) -- 30 folks

June 27 Summer birds at Oden Fish Hatchery (Sally Stebbins) -- 13 folks

July 20 Birds & Blooms at Thorne Swift (Sally Stebbins & John Riggs) - 11 folks

July 22 Paddling Burt Lake's Maple Bay & Bullhead Bay (Jake Snider) – 6 folks

July 27 Paddling Six Mile Lake near Ellsworth (Cynthia Donahey & Art Schoolmaster) - rained out

August 1 Paddling Larks Lake (Sally & Bill Brown) – 5 folks

August 10 Birds & Blooms at Thorne Swift (Darrell Lawson & John Riggs) - 14 folks

August 11 Paddling the Crooked River (Cynthia Donahey & Art Schoolmaster) - 3 folks

August 20 Paddling the Indian River Spreads (Tucker Harris) - 9 folks

Sept. 3 Birding Sturgeon Bay & Wilderness State Park (Dick Taylor) - 26 folks

Sept. 14 Birding Whitefish Point area (Darrell Lawson) - 12 folks

Sept. 18 Rare UP Ferns (Steve Baker) - 6 folks

Sept. 28 Birding Whitefish Point area (Darrell Lawson) - 13 folks

Oct. 11 Owl Banding at Point LaBarbe (Ed Pike) - 8 folks

Oct 12 Fall Birds at Fisherman's Island State Park I (Darrell Lawson) – 9 folks

Nov. 9 Fall Birds at Fisherman's Island State Park II (Darrell Lawson) - 4 folks

Nov. 16 Birding around Little Traverse Bay (Darrell Lawson) - 9 folks

Dec. 14 Christmas Bird Count (Ed Pike) - 17 folks

A total of **487 people** participated in these **37 outings**, for <u>an average of **13.2** folks per outing</u>. A big thanks to each of the 20 field trip leaders, and to Sally Stebbins for coordinating them for her 11th consecutive year!