

What SCI MIC has accomplished through 2023: page 1 of 4

1) Wildlife research and conservation (see footnote #1)

a) Inspired the Michigan moose reintroduction effort:

Has been a major source of funding and the motivating entity for the reintroduction of moose into Michigan's Upper Peninsula by the MDNR during the winters of 1985 and 1987 via transplants of a total of 61 animals from Ontario, Canada.

b) Provided significant funding for the following major wildlife conservation research projects undertaken by MDNR employees and subcontractors:

Moose from 1985 to 2004 Black Bear - Northern Michigan from 1989 to 2008

Bobcat from 1993-1998 and 2005-2006

Deer southern Michigan from 2001 to 2005

Wolf from 1996, 1998, 2004-23 and ongoing

 Elk
 from 2003 to 2005

 Deer bovine TB
 from 1997 to 2000

 Marten
 from 1985 and 2004-2008

Deer aerial infrared counts during the early 1990's

Predator/Prey from 2007 to 2020 & 2021 Wrap-up Event

from 2009 to 2014 Black Bear - Southern Michigan Diving Ducks from 2011 to 2015 from 2012 to 2014 **Snowshoe Hare EHD** from 2014 to 2015 Feral Swine from 2014 to 2017 American Woodcock from 2016 to 2018 Mute Swan from 2016 to 2017 Deer & N. Hardwoods from 2017 to 2022

N. Michigan Deer Habitat from 2017 to 2023 and ongoing

U. P. Deer Movement from 2018 to 2020

Black Bear Baiting Responses from 2019 State Game & Wildlife Areas Usage from 2019

MiniSeq Platform from 2020 to 2023

Surrogate Sow/Orphaned Cub from 2020 to 2023 and ongoing Deer Behavior & CWD Spread from 2021 to 2023 and ongoing

c) Purchased and transferred the following equipment to the MDNR to further enable their employees and subcontractors to perform wildlife research projects:

Electronic fluorescent microscope costing \$25,128 in 2002 and 2003

Snowmobiles, ATVs, UTVs and trailers costing \$87,091 from 1995 to 2016

Repaired deer check station trailer costing \$1,346 in 1998

Bovine tuberculosis research trailer costing \$5,000 in 1998

Radio transmitter collars and receivers costing \$241,674 from 1988 to 2022

What SCI MIC has accomplished to date: page 2 of 4

1) Wildlife research and conservation (see footnote #1) – Continued

c) Purchased and transferred the following equipment to the MDNR to further enable their employees and subcontractors to perform wildlife research projects - Continued:

Power point presentation projector costing \$9,235 in 2000

Capture net gun costing \$3,795 in 2002

Whitetail deer traps costing \$1,812 from 1993 to 2005

Laptop computers for analyzing field data costing \$11,320 from 1993 to 2013

Telemetry receivers, antennas, and headsets costing \$15,645 from 2005 to 2022

Cameras, binoculars, GPS units and supplies costing \$34,483 from 1997 to 2017

Electronic audio call system for Bobcat traps costing \$12,631 from 1993 to 1998

Bear traps and trailers costing \$17,172 from 2006 to 2013

Wolf traps costing \$846 in 2007

Snowshoes costing \$2,091 in 2008 and 2014

GPS transmitting drop-off collars and supplies costing \$126,025 from 2008 - 2019

Portable ultrasound test system costing \$19,390 in 2008 and 2009

Weather station equipment for Predator/Prey research costing \$2,166 in 2009

Microphone and windscreen costing \$1,900 in 2010

Pneumatic dart gun and supplies costing \$5,356 in 2010 and 2015

Blood sample tests costing \$6,508 in 2010 and 2011

DNA extraction equipment and supplies costing \$2,433 in 2011

Drying ovens and chest freezers costing \$6,221 in 2013

Vaginal implant transmitters for Predator/Prey research costing \$30,032 in 2013 - 19

Wildlife feeders to enable target animal capture costing \$412 in 2015

Wolf collars with UHF proximity transmitters costing \$1,024 in 2016

Backwater mud motor costing \$3,900 in 2016

DNA filters & special 16 oz. water sample bottles costing \$3,806 in 2017

Miniature radio transmitters for woodcock costing \$5,405 in 2018

12 months transmission time for 7 GPS collars costing \$622 in 2018

Trail cameras, batteries, security boxes & cable locks costing \$21,049 in 2019 -2022

Corn and hay for deer traps costing \$740 in 2019

Habitat improvement services by foresters costing \$50,999 in 2019 - 2023

Find It detection Dog Services costing \$4,530 in 2019

12 months rent of mapper software costing \$249 in 2020

7 vials of immobilizing drug costing \$499 in 2020

Parts to build a super computer for data analysis costing \$11,733 in 2020

Range finders and a spotting scope costing \$1,128 in 2021

Backpack costing \$155 in 2022

Drone with camera costing \$2,849 in 2022

20-volt portable drill kits costing \$198 in 2022

Desk top computer hard drives costing \$3,655 in 2022 - 23

d) Funded development of Michigan U.P. Moose population model:

Funded moose capturing, collaring, and monitoring for developing a population model for Michigan's Upper Peninsula moose herd by donating \$70,500 from 1999 to 2003.

2) Rewards for convicting wildlife law violators

Funded rewards and the costs of extradition totaling \$6,000 which led to the arrest and conviction of several very public and egregious wildlife law violators from 1990 to current and planned for the future.

What SCI MIC has accomplished to date: page 3 of 4

3) Travel assistance for MDNR employees and SCI representatives

- a) Funded a 2001 trip for the MDNR Lead Veterinarian on Deer Bovine TB Eradication Team to attend a world bovine TB conference in South Africa (RSA) and to study bovine tuberculosis in Kruger National Park animals.
- b) Funded travel expenses for an SCI representative to participate in six Wolf Roundtable meetings across Michigan's U.P. in 2006 to help formulate a Michigan wolf management plan acceptable to Michigan's U.P. residents.
- c) Funded expenses for MDNR Research Manager to participate in an SCI Foundation predator/prey workshop in Portland, Oregon in 2007.
- **d)** Funded expenses for MDNR Wildlife Chief to participate in 2007 SCI Washington DC meetings with congressional leaders to help appeal for increased conservation funding in upcoming legislation.
- e) Funded expenses for an SCI representative who resided in the wolf area of Michigan's U.P. to travel to Lansing, MI to testify before the Michigan Senate Natural Resources Committee on 2 wolf bills.

4) Annual recognition awards

Provided annual recognition awards to individuals employed by the MDNR and selected by MDNR management and MIC as the MDNR conservation officer of the year from 1994 to 2008 and MDNR biologist of the year from 1994 to 2023 and ongoing.

5) MDNR annual deer hunting success survey enhancement

Provided incentive prizes in the form of firearms and bows to 2-3 annual recipients selected at random from among those who provide an early response to the annual MDNR mail survey questionnaire of whitetail deer hunting success, thus reducing by more than \$20,000 annually MDNR's cost of follow-up mailings to obtain a meaningful response sample size from the late 1980s to 2022.

6) Education

a) Graduate grants

Funded grants/scholarships totaling \$194,970 to 99 students pursuing graduate degrees in wildlife related fields at Michigan based institutions of higher education since 1993 to 2023 and ongoing.

b) Museum wildlife displays

Funded wildlife displays at the Michigan State University Museum from 1997 to 2000 costing \$7,500.

c) Field course equipment

Funded radio telemetry equipment for Michigan State University field course costing \$500 in 2008.

What SCI MIC has accomplished to date: page 4 of 4

d) Trappers Manual

Funded the printing of the Michigan Trappers Manual for the Trappers Education Program costing \$500 in 2009.

- e) Graduate Student Symposium
 Helped to fund the 2014 Graduate Student Symposium at Michigan State University in
 the amount of \$500 in 2014.
- f) Archery equipment for MDNR Detroit Outdoor Activity Center Orchestrated the combining of two payments totaling \$5,643 to the State of Michigan (\$5,143 from MIC and \$500 from the SCI West Michigan Bow Chapter) which was then matched 3:1 with Pittman-Robertson funds by the U.S. Fish and Wildlife Service to purchase \$22,572 of archery equipment for the Archery Room in the MDNR Outdoor Activity Center on the riverfront in downtown Detroit.

7) Wildlife Conferences

- a) Funded the hospitality for the Eastern Elk Conference in Gaylord, MI in April, 2012 costing \$700
- b) Funded the hospitality for the CWD Symposium in East Lansing, MI in October 2017 costing \$438
- c) Helped fund the hosting of the Mississippi Flyway Council meetings in East Lansing, in August 2017 costing \$1,154
- d) Provided 5 MIC project posters and 500 MIC brochures for the Eastern Elk Conference in Lewiston, MI in May, 2018 costing \$527
- e) Helped fund the SCIF Predator/Prey Research Project Wrap-up event at Legends Ranch in 2021 in the amount of \$5,150

JPK May, 2024

Footnote #1: Funds donated by SCI MIC for these major conservation research projects receive a 3:1 match of Pittman-Robertson funds from the U.S. Fish and Wildlife Service