

Appendix 1. This appendix is a detailed acknowledgement of those individuals who dedicated their time to make possible the scientific study of the Juday Creek restoration at Notre Dame's Warren Golf Course, particularly the monitoring of the fish assemblage. We thank them for their time to help make publication of this manuscript possible.

One of our helpers, a creative writer by the name of L. Scott Parkinson, wrote this poem after helping us sample Juday Creek:

"Ode to the creek chub"

oh, rotund silvered rose of the waters
you bring beauty to the bleak benthos
reflecting the muted sunlight
you are a beacon for the leviathans
to follow in the tannin darkened currents.

within your shadowed kingdom you reign
exquisitely over the browns and steelheads
the fat lipped suckers and the lovely darters
the young of year largemouths and bluegills
grand beasts bend their scaled heads
to your kind and just supremacy.

it is said that on moonlit evenings
when the orange and yellow leaves
begin their downward journeys
from life to death
that you,
lovely monarch of the creek,
may be seen riding
a monstrous
and ancient snapping turtle
surveying your peaceful realm.
the distant stars reveal
their pure white light
in your perfect and mirrored body.

even the heavens love you.

L.S. Parkinson 2011

We thank our field assistants in alphabetical order (year of assistance in parentheses):

Patricia (Trixie) Amorado (2011),
Ashley Baldrige (2009, 2011),
Matthew Barnes (2006),
Candice (Goy) Bauer (1998),
Randy Bernot (2003-2004),
Nicole (Mitchell) Blair (1999),
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David Costello (2004-2009),
Angela (Bobeldyk) Deen (2004-2007),
Sam Deery-Schmitt (2013),
Andrew Deines (2006),
Sally Entrekin (2003-2007),
Nathan Evans (2010-2011),
Dayna (Smith) Evans (2012-2013),
Michelle Evans-White (2000, 2004),
Charlotte Flora (2006),
Andrea Fowler (2005, 2007),
Therese Frauendorf (2007),
Kelly Garvy (2009),
Alex Gatlin (2009),
Kacey Gergely (2010),
Brandon Gerig (2013),
Lindsay Goodwin (2000),
Amy Govert-Larson (2005),
Julia Hart (2013),
Jamie Hebbeler (2006),
Suse Hebbeler (2006),
Kelly Heilman (2013),
Brad Herrick (1999),
Katrina Hochstein-Mueller (2002),
Timothy Hoellein (2003, 2007),
Mary Hupka (2013),
Wendy Hurley (2005),
David Janetski (2006-2007, 2010),
Tessa Johnson (1998),

Jessica Kenzie (1998),
Jason Knouft (2001),
Jessica Kosiara (2011-2013),
Edward (Ted) Kratschmer (2008-2009),
Konrad Kulacki (2003-2008),
Brianna Kunycky (2009),
James Larson (2004-2006),
Jennifer Lozano (2009),
Michael McDonough (2000),
Vanessa (Nero) McDonough (2000),
Jack McLaren (2012),
Ashley Moerke (1997-2003),
Kerry (Gerard) Muldoon (2000),
Jen Nelson (1998),
Haley Pack (2012),
L. Scott Parkinson (2009-2010),
Christopher Patrick (2007, 2009),
Brett Peters (2005-2007),
Jody (Murray) Peters (2005, 2007),
Ira Poplar-Jeffers (2002),
Brett Olds (2013),
Mark Renshaw (2013),
Sarah Roley (2010),
Janine Rüegg (2009),
Melanie Runkle (2013),
Sister Damien Marie Savino (2006),
Megan Schlichte (2008),
Sheina Sim (2008),
Maggie Sinclair (1999),
Amy (Noel) Smith (2001),
Ryan Stubbs (1998),
Shayna Sura (2009),
Mary Swanson (2011),
Shannon Torrence (1999),
Cameron Turner (2013),
Karen Uly (2013),
John Valainis (1999),
Liza Cosca Villaruz (2000),
Carmella Vizza (2013),
Andrew Wilson (2013),
Sarah (Winnie) Winikoff (2011),
Sunil K. Yadav (2011), and
Asako Yamamuro (2001).



Figure A1.1. Juday Creek has been used to educate students from elementary school to college-age adults as part of curricula where participants learn what organisms live in the stream; this tradition dates to the 1860s at the University of Notre Dame. Top photograph (a) shows the earliest known photograph of Juday Creek near the campus circa 1910, courtesy of the University of Notre Dame Archives. Bottom photographs show (b) undergraduate students (Brianna Kunycky and Kelly Garvy) examining an eastern box turtle *Terrapene carolina*, which is a protected species in Indiana (2009); (c) a student (Shayna Sura) holding a non-native brown trout *Salmo trutta* (2009); and (d) undergraduate and graduate students (from left: Ted Kratschmer, Konrad Kulacki, Sheina Sim, and Megan Schlicte) helping with electrofishing (2008).



Figure A1.2. Electrofishing crew processing fish on June 26, 2001 with Ashley Moerke taking notes, Amy (Noel) Smith releasing a fish and Asako Yamamuro ready to measure another fish in foreground.



Figure A1.3. Photographs of individuals helping measure white sucker. Clockwise from left: Matthew Cooper on Oct. 5, 2010, Melanie Runkle on Sep. 11, 2013, and L. Scott Parkinson helping Michael Brueseke on Oct. 8, 2010. Sucker were a component of the diet of the native Potawatomi and Miami Peoples, the previous caretakers of watersheds like Juday Creek.



Figure A1.4. Photograph showing Sunil K. Yadav helping to measure large woody debris on June 17, 2011.



Figure A1.5. Kelly Heilman, Dayna (Smith) Evans, and Brandon Gerig helping Michael Brueseke measure fish on Sep. 11, 2013.



Figure A1.6. Even the youngest of crew members sacrificed their time to help the sampling effort, as 6-month-old Maria Shirey is held by Gary Lamberti on September 13, 2013 after a few hours of supervising fieldwork streamside.