Summary: This report lists more than 110 popular and technical articles and books that deal with various aspects of Wisconsin’s native amphibians and reptiles. It updates previous Wisconsin-specific listings and is intended to be inclusive for the period January 2011 through December 2015. An addendum includes works published prior to 1993 that were missed in previous compilations. Some entries refer to physiological, morphological, taxonomic, toxicological, or other studies in which specimens collected in Wisconsin were used. All contribute to our understanding of the state’s biological diversity. Indices cross-reference the bibliographic entries by taxonomy, geography, and general subject. Parasite species are listed in the subject index.

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Wisconsin Herpetology,
2011-2015

with an Addendum to
Previous Compilations

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Without keeping up with the literature, I can’t know what other people are doing or conceptualize my work. In addition, through reading the literature, I can find potential solutions to the barriers I am facing in my own research.

- L. Kmaerlin

Our job is to push the frontier of what is already known, so we need to be aware of where this frontier is. However, trying to stay up to date with the literature is tremendously difficult… The number of journals and venues is very large, and it continues to grow.

- B. Masia

Our function as scientists is to push the envelope and create new knowledge and understanding, so we always need to be as up to date as we can be in our areas.

- J.C. Austin

* Selected quotes from: Elisabeth Pain’s “How to keep up with the scientific literature” in Science, November 30, 2016. [http://www.sciencemag.org](http://www.sciencemag.org)
1. Introduction

The bibliography presented herein supplements previous Wisconsin-specific listings. It includes over 110 popular and technical publications that deal with all aspects of Wisconsin’s native amphibians and reptiles. Many of the papers present natural history observations or the results of ecological investigations. Some entrees refer to parasitological, physiological, taxonomic, toxicological, or other studies in which specimens from Wisconsin were used. The bibliography is intended to be inclusive for the period January 2011 through December 2015. In addition, a smaller number of titles published prior to 1993 and missed in the original compilations are included in an addendum. This listing can aid local managers and researchers in understanding what species occur in our state, as well as their phylogenetic relationships, geographic distributions, and life history and ecological traits, aspects important to modern conservation practice.

2. Methods and Organization of the Bibliography

I followed the methods described by Watermolen (2013) to compile and organize the bibliography. As with previous listings, some entries include brief annotations to aid users, particularly when titles are obscure or the Wisconsin connection is not immediately clear. Indices cross-reference the entries by species, geography, and subject. Every attempt was made to ensure the accuracy of the entries; users, however, will want to check citations against actual references to avoid perpetuating any errors that may have crept into this listing. Additions and corrections can be sent to me at the address listed on the title page or via email to Dreux.Watermolen@Wisconsin.gov. Such contributions will be acknowledged.

3. Acknowledgments

This bibliography results from the scientific, conservation, and educational contributions of numerous scientists, resource managers, naturalists, and amateur enthusiasts who have taken the time to document and publish their observations, survey results, and research findings. Science wouldn’t advance if it were not for efforts like theirs. Andrew Badje and Rori Paloski, Bureau of Natural Heritage Conservation, provided various papers and reports over the past several years. I also appreciate receiving additional citations and suggestions from Gary S. Casper, University of Wisconsin-Milwaukee Field Station, and Joshua M. Kapfer, University of Wisconsin-Whitewater. Their contributions included references that may have otherwise been overlooked. I appreciate their willingness to share.

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Watermolen, D.J. 2014. *Parasites and Disease-causing Organisms Reported from Wisconsin Amphibians and Reptiles*. Miscellaneous Publication PUB-SS-1145. Bureau of Science Services, Wisconsin Department of Natural Resources, Madison, WI.


Allender, M.C. – see Sekowska et al. 2014.
Anton, T.G. – see Casper and Anton 2012, and Casper and Anton 2013.
Badje, A.F. – see Beck et al. 2015, and Johnston et al. 2015.
Barela, K.L. 2012. United States Turtle Mapping Project with a focus on the western pond turtle (Actinemys marmorata) and the painted turtle (Chrysemys picta). M.S. Thesis. Oregon State University, Corvallis, OR. (Appendix figure includes distribution records from Wisconsin.)
Barta, T. – see Höbel and Barta 2014.
Beck, A.J. – see Donner et al. 2015.
Begley, J.S. – see Huijser and Begley 2015.
Bergeson, T.L.E. – see Badje et al. 2015, and Paloski et al. 2014.
Bernstein, N.P. – see Martin et al. 2013.
Birkhead, R.D. – see Martin et al. 2013.
Borash, P.N. – see Cochran et al. 2013.
Bowman, D.D. – see Hausmann et al. 2015, and Lucio-Forster et al. 2015.
Brosig, M. – see Cochran et al. 2014a.
Brown, D.J. – see Kapfer et al. 2015.
Bryson, R.W., Jr. – see Ruane et al. 2014.
Burbrik, F.T. – see Ruane et al. 2014.
Burghardt, G.M. – see Placyk et al. 2012.
Bury, J.A. – see Hove et al. 2012.


Casper, G.S., and S.J. Hecnar. 2011g. Standard operating procedure for: aquatic funnel trap surveys for the mudpuppy, *Necturus maculosus*. Version 1.0. Great Lakes Ecological Services, LLC, Slinger, WI and Department of Biology, Lakehead University, Thunder Bay, ON.

Clemency, L. – see Szymanski et al. 2015.
Cochran, P.A. – see Jones and Cochran 2014.
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Dadisman, J.D. – see Ellison et al. 2013.

Dillon, R.T., Jr. – see Hartson et al. 2011.


Doehler, K. – see Kapfer et al. 2013a.


Dowd, S.E. – see Braasch et al. 2015.

Drace, K.M. – see Stephenson and Drace 2014.

Dreyfus, J. – see Hausmann et al. 2015.

Eckstut, M.E. – see Crother et al. 2011.


Eklund, D. – see Donner et al. 2015.

Ellis, K. 2015. Exploring the impacts of urbanization and aquatic pollutants on northern leopard frog (Lithobates pipiens) populations in southeastern Wisconsin. Undergraduate Thesis. Carthage College, Kenosha, WI.


Ernst, E.M. – See Ernst and Ernst 2011a, and Ernst and Ernst 2011b.

Fahrig, L. – see Eigenbrod et al. 2011.


Fitzpatrick, B.M. – see Placyk et al. 2012.

Galante, H. – see Reichert et al. 2014.

Gallant, A. – see Sadinski et al. 2014.


Gibbs, H.L. – see Kubatko et al. 2011.

Gillingham, J.C. – see Casper et al. 2015.

Giovanni, J.H. – see Hileman et al. 2015.


Hagell, S. – see LeDee et al. 2013.


Hayes, T. – see Sadinski et al. 2014.

Heath, D.J. – see Hove et al. 2012.


Higgins, D. – see Donner et al. 2015.


Hornbach, D.J. – see Hove et al. 2012.


JaKa, J. – see Szymanski et al. 2015.

Johnson, B.L. – see Klemish et al. 2012.

Johnson, P.T.J. – see Hartson et al. 2011.


Johnston, B. – see Beck et al. 2015.


Jones, P. – see Sadinski et al. 2014.


Katovich, K. – see Kapfer et al. 2013b, and Rutzen et al. 2015.


Kinzinger, A.P. – see Cochran et al. 2014b.


Kolodziej, R.C. – see Höbel and Kolodziej 2013.

Koukl, J.F. – see Martin et al. 2013.

Krenz, J.D. – see Bateson et al. 2011.


Kurth, J.E. – see Hove et al. 2012.


Lannoo, M.J. – see Green et al. 2014.


Lapin, C.N. – see Braasch et al. 2015.


LeClere, J.B. – see Casper et al. 2015.


Linton, M. – see Thompson and Linton 2011.

Liotta, J.L. – see Lucio-Forster et al. 2015.

Lorch, J.M. – see Kapfer et al. 2013c, Kapfer et al. 2015, and Raimond and Lorch 2012.


Lucio-Forster, A. – see Hausmann et al. 2015.


MacFarland, D. – see LeDee et al. 2013.


Mans, C. – see Hausmann et al. 2015.

Martin, K. – see LeDee et al. 2013.


McLaughlin, R.W. – see Braasch et al. 2015.

Melin, V.E. – see Hartson et al. 2011.
Meyer, M. – see LeDee et al. 2013.
Meyer, M.W. – see LeDee et al. 2011.
Mitchem, L. – see Kapfer et al. 2015, and Rutzen et al. 2015.
Mossman, M. – see Palosi et al. 2014.
Muehlfeld, T.C. – see Hileman et al. 2015.
Mussmann, S.M. – see Martin et al. 2013.

Nelson, C.L. – see Hove et al. 2012.
Newton, T.J. – see Hove et al. 2012.

Orlofske, S.A. – see Hartson et al. 2011.
Ortiz-Santaliestra, M.E. – see Van Schmidt et al. 2012.
Otto, R. – see Cochran et al. 2014b.

Paulios, A. – see LeDee et al. 2013.
Peery, M.Z. – see Reid and Peery 2014.
Peterson, N.B. – see Cochran and Peterson 2011.
Placyk, J.S., Jr. – see Martin et al. 2013.
Pollack, C. – see Szymanski et al. 2015.

Pyron, R.A. – see Ruane et al. 2014.

Ragan, L. – see Szymanski et al. 2015.
Ray, J.M. – see Wogahn and Ray 2014.
Reavill, D.R. – see Hausmann et al. 2015.
Redmer, M. – see Szymanski et al. 2015.
Reinecke, S. – see Donner et al. 2015.
Rishniw, M. – see Lucio-Forster et al. 2015.
Roth, M. – see Sadinski et al. 2014.
Rozmarynowski, M.A. – see Anderson and Rozmarynowski 2011.
Rudolph, N. – see Kapfer et al. 2015, and Rutzen et al. 2015.
Rutzen, K. – see Kapfer et al. 2015.


Sample, D. – see LeDee et al. 2013.
Savage, J.M. – see Crother et al. 2011.

Sloss, B.L. – see Kapfer et al. 2013b, and Kapfer et al. 2013c.

Small, R.L. – see Placyk et al. 2012.
Sorenson, R.E. – see Bateson et al. 2011.
Staffen, R.A. – see Beck et al. 2015, and Johnston et al. 2015.
Stark, M. – see Johnson and Stark 2012.
Steingraeber, M.T. – see Hove et al. 2012.

Thorpe, W.S. – see Hove et al. 2012.
Van Deelen, T.R. – see LeDee et al. 2011, and LeDee et al. 2013. 


Vogt, R.C. – see Kapfer et al. 2015.

Voorhies, K. – see Szymanski et al. 2015.


White, M. – see Row et al. 2011.

White, M.E. – see Crother et al. 2011.


**Notes:**
5. Addendum: Publications Omitted from Previous Compilations

This section includes works published prior to 1993 that were missed in the original bibliographical compilations. Works listed here are indexed in sections 6-8.

Amin, O.M. 1980. *Fessisentis tichiganensis* sp. nov. (Acanthocephala: Fessisentidae) from Wisconsin fishes, with a key to species. *Journal of Parasitology* 66(6):1,039-1,045. (Includes information on the distribution of *Necturus maculosus* in Racine County.)


Anonymous. 1992b. Life tracks: Blanding’s turtle (*Emydoidea blandingi*). PUB-ER-529 92REV. Bureau of Endangered Resources, Wisconsin Department of Natural Resources, Madison, WI.

Anonymous. 1992c. Life tracks: The northern and western ribbon snakes (*Thamnophis sauritus* and *Thamnophis proximus*). PUB-ER-515 92REV. Bureau of Endangered Resources, Wisconsin Department of Natural Resources, Madison, WI.


Bennett, T.M. – see Mahmoud et al. 1985.


Cady, C. – see Mahmoud et al. 1989.


Colas, A.E. – see Mahmoud et al. 1980.

Cyrus, R. – see Mahmoud et al. 1980.


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Edgren, R.A. 1949b. Variation in the size of eggs of the turtles *Chelydra s. serpentina* (Linne) and *Sternotherus oderatus* (Latreille). Chicago Academy of Sciences *Natural History Miscellanea* (53):1.


Edgren, R.A., Jr. – see Stille and Edgren 1948.


Herbert, C.V. – see Ultsch et al. 1984.

Jackson, D.C. – see Ultsch et al. 1984.


Klicka, J. – see Mahmoud et al. 1980.


McAsey, M.E. – see Mahmoud et al. 1989.


Moore, J.A. 1946. Hybridization between *Rana palustris* and different geographical forms of *Rana pipiens*. *Proceedings of the National Academy of Sciences of the United States* 32(7):209-212. (Study used specimens of *Lithobates palustris* and *L. pipiens* collected in Wisconsin.)


6. Taxonomic Index

This section indexes bibliographical entries by species. Nomenclature follows that used by Casper and Anton (2013). Works address 53 of Wisconsin’s 57 species.

Caudata (Urodela)


*Hemidactylium scutatum* – Casper 2015, Kapfer et al. 2015, and Wild 2013a. **Addendum:** Stille and Edgren 1948.


*Notophthalmus viridescens* – Casper 2015, Kahler 2011, Kapfer et al. 2015, and Wild 2013b.


Anura

*Acris blanchardi* – Badje et al. 2015, Casper 2015, and Sekowska et al. 2014. **Addendum:** Stille and Edgren 1948.


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Lithobates septentrionalis – Kapfer et al. 2015.


Testudines


Terrapene ornata – Kapfer et al. 2015, and Martin et al. 2013.

Trachemys scripta elegans – Casper and Anton 2012. **Addendum:** Edgren 1948.


**Sauria (Lacertilia)**


Plestiodon fasciatus – Bateson et al. 2011, Kapfer et al. 2015, and Wogahn and Ray 2014.


**Serpentes**


**Opheodrys vernalis** – Beck et al. 2015, and Casper 2015.


**Regina septemvittata** – Casper 2015.


**Thamnophis proximus** – Casper 2015. **Addendum:** Anonymous 1992c, and Ruthven 1908.


**Thamnophis sauritus** – Casper 2015. **Addendum:** Anonymous 1992c.


**Tropicicolonion lineatum** – Raimond and Lorch 2012.

7. Geographic Index

This section indexes bibliographical entries by Wisconsin county. Only those papers with specified collection sites or otherwise discernible locations included in their text are indexed. Work is reported from 69 of Wisconsin’s 72 counties.

Adams – Badje et al. 2015, Casper 2015, Kapfer et al. 2015, and Watermolen 2015a.


Burnett – Barela 2012(?).

Calumet – Kapfer et al. 2015.


Dunn – Hartson et al. 2011.

Eau Claire – Kapfer and Paloski 2011.


Forest – Barela 2012(?), and Casper et al. 2015.


Langlade – Watermolen 2015a.


Marathon – Kapfer et al. 2015, and Klemmish et al. 2012. **Addendum:** Metcalf 1923(?).


Menominee - Casper 2015, and Kapfer et al. 2015.


Oneida – Casper 2015.


Pepin – Crother et al. 2011.

Pierce – Casper 2015, and Kapfer et al. 2015.


Price – Casper 2015, Donner et al. 2015, Kapfer et al. 2015, and Watermolen 2015a.


Richland – Kapfer et al. 2015.


Shawano – **Addendum:** Cochran 1992b.


Trempeleau – Casper 2015, and Kapfer et al. 2015.


Vilas – Crother et al. 2011


Winnebago – **Addendum:** Bruncken 1900, and Watermolen 1993.

Wood – Kapfer and Paloski 2011.

**Notes:**
8. Subject Index

This section indexes bibliographical entries by broad subject area. I assigned references to topical categories based on my interpretation of primary subject matter and consistent with previous compilations. Some references are listed under multiple subjects.


Protozoans:  
*Opalina obtrigonoidea* – Metcalf 1923

Bacteria & Fungi:  
*Chrysosporium ophiidi cola* – Sleeman 2013.  
*Robinsoniella peoriensis* WTD – Braasch et al. 2015.  
*Salmonella enterica diarizonae* – Fermaglich et al. 2012.

Trematodes:  
*Alaria* sp. – Hartson et al. 2011.  
*Apharyngostrigea pipiens* – Hartson et al. 2011.  
*Echinostoma* spp. – Hartson et al. 2011.  
*Echinoparaphyium* spp. – Hartson et al. 2011.  
*Fibricola* sp. – Hartson et al. 2011.  
*Haematoloechus* spp. – Hartson et al. 2011.  
*Ribeiroia ondatrae* – Hartson et al. 2011.  
unidentified plagiorchid – Hartson et al. 2011.  
unidentified strigeid – Hartson et al. 2011.

Nematodes:  
*Oswaldocruzia* spp. – Hartson et al. 2011.  
*Serpentirhabdias dubielzigi* – Hausmann et al. 2015, and Liotta et al. 2015  
unidentified spiruid – Hartson et al. 2011.  
tadpole pinworm – Hartson et al. 2011.

Acanthocephalans:  
*Fessisentis tichiganensis* – **Addendum:** Amin 1980

Molluscs:  
*Quadrula fragosa* – Hove et al. 2012

Leeches:  
*Placobdella parasitica* – Cochran et al. 2014a.  
Leeches, unidentified – Hartson et al. 2011


Eggs – see “Reproduction, Eggs, & Larvae”.


Fossils – see “Taxonomy, Systematics, & Phylogenetics”.


Larvae – see “Reproduction, Eggs, & Larvae”.


Neoteny – see “Reproduction, Eggs, and Larvae”.

Obituaries – Keyler 2015, and Watermolen 2015b.

Paleontology – see ”Taxonomy, Systematics, & Phylogenetics”.

Addendum:

Parasites – see “Diseases & Parasites”.


Predation – see “Mortality & Predation”.


About the Author

Dreux Watermolen is an ecologist/zoologist who has worked for the Wisconsin DNR since 1986. He is interested in the zoogeography, life history, and taxonomy of Wisconsin’s rich biological diversity.