

Publications of James H. Thorp

BOOKS (Authored and/or Edited):

- Thorp, J.H.** (ed.). Thorp and Covich's Freshwater Invertebrates. Academic Press, Waltham, MA.
Thorp, J.H. and D.C. Rogers (ed.). 2015. Volume I. Ecology and general biology. 1091 pages [41 chapters]
Thorp, J.H. and D.C. Rogers (eds.). 2016. Volume II. Keys to Nearctic fauna. [16 chapters; public. [16 chapters; in print ~ late 2015]
Rogers, D.C. and **J.H. Thorp** (eds.). Volume III. Keys to Palearctic fauna. [15 chapters; volume under contract with submission ~Fall 2016]
3 books (2 Neotropical and 1 Australian Bioregion) under contract and in development.
- Thorp, J.H.** and D.C. Rogers. 2011. Field guide to freshwater invertebrates of North America. Elsevier, Boston, MA. 274 p. [ISBN: 978-0-12-381426-5]
- Thorp, J.H.** and A.P. Covich (eds.). Ecology and classification of North American freshwater invertebrates. Academic Press (now owned by Elsevier).
2010. Third Edition. 1021 p. [ISBN: 978-0-12-374855-3]
2001. Second Edition. 1038 pages
1991. First Edition. 911 pages.
- Thorp, J.H.**, M.C. Thoms, and M.D. Delong. 2008. The riverine ecosystem synthesis. Academic Press, Boston, MA, USA. 208 p. [ISBN: 978-0-12-370612-6]
- Thorp, J. H.** and J. W. Gibbons. 1978. Energy and environmental stress in aquatic systems. D.O.E. Symposium Series (CONF-771114), Nat. Tech. Information Service, Springfield, Virginia. 854 p. [Given "Merit in Books" award from that society.]

CHAPTERS (in Encyclopedias and Edited Books):

Published:

- Thorp, J.H.** and D.C. Rogers (ed.). 2015. Volume I. Ecology and General Biology. Thorp and Covich's Freshwater Invertebrates. 1118 p.
Thorp, J.H., D.C. Rogers, and Walter W. Dimmick. 2015. Chapter 1: Introduction to invertebrates of inland waters. Pages 1-21.
Thorp, J.H. and A.P. Covich. 2015. Chapter 2: Overview of inland water habitats. Pages 23-56.
Rogers, D.C. and **J.H. Thorp**. 2015. Chapter 3: Collection and culturing techniques. Pages 57-62.
Thorp, J.H. 2015. Chapter 4: Functional relationships of freshwater invertebrates. Pages 65-82.
Thorp, J.H. and D.C. Rogers. 2015. Chapter 24: Introduction to the phylum Arthropoda. Pages 591-597.
Thorp, J.H., D.C. Rogers, and A.P. Covich. 2015. Chapter 27: Introduction to "Crustacea". Pages 671-686.
Thorp, J.H. and B.J. O'Neill. 2015. Chapter 33: Subphylum Hexapoda - introduction to insects and Collembola. Pages 849-871.
Thorp, J.H., G.A. Lamberti, and A.F. Casper. 2010. Chapter. 22. St. Lawrence River. Pages 418-

- 435 *in*: A.C. Benke and C.E. Cushing (eds.), *Field Guide to Rivers of North America*. Academic Press (Elsevier). 459 p. ISBN-13:978-0-12-375088-4.
- Thorp, J.H.** 2009. Models of ecological processes in river ecosystems. Pages 448-455 *in*: G.E. Likens (editor-in-chief), *Encyclopedia of inland waters*. Vol. 1. Academic Press, San Diego, CA.
- Thorp, J.H.** 2009. Arthropoda and related groups. *in*: V.H. Resh and R.T. Cardé (eds.), *Encyclopedia of insects*. Academic Press, San Diego, CA.
2009: Second Edition. Pages 50-56.
2003: First Edition. Pages 59-66.
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Thorp, J. H., A. P. Covich, and W.W. Dimmick. Chapter 1. Introduction to invertebrates of inland waters. Pages 1-23.
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2001:
Thorp, J. H. and A. P. Covich. Chapter 1. Introduction to freshwater invertebrates. Pages 1-18.
Thorp, J. H. and A. P. Covich. Chapter 2. An overview of freshwater habitats. Pages 19-41.
Covich, A. P. and **J. H. Thorp**. Chapter 19. Introduction to the subphylum Crustacea. Pages 777-809.
1991:
Thorp, J. H. and A. P. Covich. Chapter 1. Introduction to freshwater invertebrates. Pages 1-15.
Thorp, J. H. and A. P. Covich. Chapter 2. An overview of freshwater habitats. Pages 17-36.
Covich, A. P. and **J. H. Thorp**. Chapter 18. Crustacea: Introduction and Peracarida.. Pages 665-689.
- Thorp, J.H.**, G.A. Lamberti, and A.F. Casper. 2005. Chapter. 21. St. Lawrence River. Pages 983-1028 *in*: A.C. Benke and C.E. Cushing (eds.), *Rivers of North America*. Academic Press, San Diego, CA.
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- McCluney, K.E., N. L. Poff, M.A. Palmer, **J.H. Thorp**, G.C. Poole, B.S. Williams, M.R. Williams, and J.S. Baron. 2014. Riverine macrosystems ecology: sensitivity, resistance, and resilience of whole river basins with human alterations. *Frontiers in Ecology and the Environment* 12(1): 48-58.
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- Delong, M.D. and **J.H. Thorp**. 2009. Mollusc shell periostracum as an alternative to tissue in isotopic studies. *Limnology and Oceanography: Methods* 7:436-441.
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