

## R.L. Wallace — Publications

**Publications:** (\* = undergraduate students): I proscribe to the Boyer Model of the Professoriate<sup>1</sup>. Here I the meaning of his categories in my terms. **Discovery (D)** — This category covers contributions to the stock of human knowledge and at the same time contributing to the intellectual climate of one's own institution. (\* = Undergraduate students). **Integration (I)** — A category of discovery that gives new meaning to isolated facts. **Application (A)** — This category covers service and activities directed to one's special fields of knowledge, included to the infrastructure of one's discipline; service to Ripon College is documented in my annual *Addendum to Vitae*. **Teaching (T)** — While teaching is a dynamic endeavor involving both educating and exciting students to become informed citizens and, for those who go on to graduate education, to become the future scholars, it is more than just the local sage on the stage; it involves sharing ones ideas with the wider world, both academic and non-academic.

1. **Wallace, R.L.** 1975. Larval behavior of the sessile rotifer *Ptygura beauchampi* (Edmondson). *Verhandlungen Internationale Vereinigung Limnologie* 19: 2811–2815. **D**
2. **Wallace, R.L.** 1977a. Distribution of sessile rotifers in an acid bog pond. *Archiv für Hydrobiologie* 79(4): 478–505. **D**
3. **Wallace, R.L.** 1977b. Adaptive advantages of substrate selection by sessile rotifers. *Archiv für Hydrobiologie Beih.* 8: 53–55. **D**
4. **Wallace, R.L.** 1977c. Substrate discrimination by larvae of the sessile rotifer *Ptygura beauchampi* Edmondson. *Freshwater Biology* 7: 301–309. <https://doi.org/10.1111/j.1365-2427.1977.tb01678.x> **D**
5. **Wallace, R.L.** 1978. Substrate selection by larvae of the sessile rotifer *Ptygura beauchampi*. *Ecology* 59: 221–227. <https://doi.org/10.2307/1936366>. **D**
6. **Wallace, R.L.** 1980. Ecology of sessile rotifers. *Hydrobiologia* 73: 181–193. [https://doi.org/10.1007/978-94-009-9209-2\\_31](https://doi.org/10.1007/978-94-009-9209-2_31). **I**
7. **Wallace, R.L.** & R.L.Starkweather. 1983. Clearance rates of sessile rotifers: in situ determinations. *Hydrobiologia.* 104: 379–383. **D**
8. **Wallace, R.L.** & P.L. Starkweather. 1985. Clearance rates of sessile rotifers: in vitro determinations. *Hydrobiologia.* 121: 139–144. **D**
9. **Wallace, R.L.** and Edmondson, W.T. 1986. Mechanism and adaptive significance of substrate selection by the sessile rotifer *Collotheca gracilipes*. *Ecology* 67 (2): 314–323. **D**
10. **Wallace, R.L.** 1987. Coloniality in the phylum Rotifera. *Hydrobiologia.* 147: 141–155. [https://doi.org/10.1007/978-94-009-4059-8\\_20](https://doi.org/10.1007/978-94-009-4059-8_20) **I**
11. **Wallace, R.L.** 1988. Use of a local information retrieval system (DATATRIEVE) by undergraduates. *Bioscene* 14(1): 31–33. <NB: a peer reviewed, regional journal dedicated to college biology teaching.> **T**
12. **Wallace, R.L.** & R.A. Colburn,\* . 1989. Phylogenetic relationships within phylum Rotifera: orders and genus *Notholca*. *Hydrobiologia* 186/187: 311–318. **D**
13. **Wallace, R.L.**, W.K. Taylor, & J.R. Litton. 1989. *Invertebrate Zoology*, 4th ed. Macmillan Publ. Co., N.Y. 337 pages. ISBN 0-02-307763-8 **T**
14. **Wallace, R.L.** & W.K. Taylor. 1989. *Instructor's Guide to the Revision of Beck and Braithwaite's Invertebrate Zoology laboratory Manual.* Macmillan Publ. Co., New York, 82 pages. ISBN 0-02-307764-6 **T**
15. **Wallace, R.L.** and Snell, T.W. 1991. Rotifera. Chapter 8. Pages 187–248, in *Ecology and Classification of North American Freshwater Invertebrates* (J. Thorp and A. Covich, eds.). Academic Press. New York. **I**

---

<sup>1</sup> – Boyer (1990) *Scholarship reconsidered: priorities of the professoriate*. The Carnegie Foundation for the Advancement of Teaching. 81 pp.

---

16. **Wallace, R.L.** 1992. Instructor's Manual and Test Bank to accompany James Nybakken's textbook *Marine Biology, an ecological approach*. 3rd edition. HarperCollins College Publ., New York, 149 pages. ISBN 0-06-500823-5 **T**
17. Nogrady, T., **R.L. Wallace**, & T.W. Snell. 1993. Rotifera: Volume 1 Biology, Ecology and Systematics. *Guides to the Identification of the Microinvertebrates of the Continental Waters of the World* (Dumont, H.J., ed.). SPB Academic Publishers bv, The Hague, The Netherlands. 142 pp **I**
18. **Wallace, R.L.** 1993. Presence of anisotropic (birefringent) crystalline structures in embryonic and juvenile monogonont rotifers. *Hydrobiologia* 255/257: 71-76. [https://doi.org/10.1007/978-94-011-1606-0\\_9](https://doi.org/10.1007/978-94-011-1606-0_9). **D**
19. **Wallace, R.L.** 1993. Phylogeny of the phylum Rotifera: a workshop. *Hydrobiologia* 255/257: 491–493. **I**
20. Felix, A.,\* Stevens, M.E., & **R.L. Wallace**. 1995. Unpalatability of a colonial rotifer, *Sinantherina socialis*, to small zooplanktivorous fishes. *Invertebrate Biology* 114(2): 139–144. **D**
21. **Wallace, R.L.**, Ricci, C. and Melone, G. 1995. Through Alice's Looking Glass: a cladistic analysis of pseudocoelomate anatomy. Pages 61–67, in *Body cavities: function and phylogeny*. (G. Lanzavecchia, R. Valvassori, and M.D. Candia Carnevali, eds.). Selected Symposia and Monographs Unione Zoologica Italiana, 8, Mucchi, Modena. **I**
22. Nogrady, T. & **R.L. Wallace**. 1995. Numerical taxonomy of the genus *Notholca*. *Hydrobiologia* 313/314: 99–104. **D**
23. Bevington, D.,\* White, C.,\* & **R.L. Wallace**. 1995. Predatory behaviors of *Cupelopagis vorax* (Rotifera, Collothecacea; Atrochidae) on protozoan prey. *Hydrobiologia* 313/314: 213–217. **D**
24. **Wallace, R.L.** 1995. Student Study Guide to accompany David Ross *Introduction to Oceanography*. HarperCollins College Publ. Inc. New York, 195 pages. ISBN 0-673-46939-5 **T**
25. **Wallace, R.L.** 1996. Instructor's Manual and Test Bank to accompany James Nybakken's textbook *Marine Biology, an ecological approach*. 4th edition. HarperCollins College Publ., NY. ISBN 0-673-97009-4 **T**
26. **Wallace, R.L.**, Ricci, C. and Melone, G. 1996. A cladistic analysis of pseudocoelomate (aschelminth) morphology. *Invertebrate Biology* 115(2): 104–112. **D**
27. **Wallace, R.L.** & W.K. Taylor. 1997. *Invertebrate Zoology*, 5th ed. Prentice Hall, NJ. ISBN 0-13-270026-3 **T**
28. **Wallace, R.L.** 1997. Problems and Issues for the classroom: What works in generating class discussions using the method of Shared Inquiry. *Bioscene* 23(3): 9–11. **T**
29. Melone, G. C. Ricci, & **R.L. Wallace**. 1998. Phylogenetic relationships of Acanthocephala and Rotifera: morphological vs. molecular approaches. Pages 57–62, in *1° Colloquio Nazionale di Sistematica Cladistica*. (G. Cristofolini & A. Minelli, eds.). Memorie del Museo Civico di Storia Naturale di Verona (2° Serie). **D**
30. Melone, G., Ricci, C., Segers, H., & **R.L. Wallace**. 1998. Phylogenetic relationships of phylum Rotifera. *Hydrobiologia* 387/388: 101–107. **I**
31. **Wallace, R.L.**, J.J. Cipro\*, & R.W. Grubbs\*. 1998. Relative investment in offspring by sessile Rotifera. *Hydrobiologia* 387/388: 311–316. **D**
32. **Wallace, R.L.**, 1999. Rotifera. Pages 118–129, in *Encyclopedia of Reproduction*, Volume 4. E. Knobil and J.D. Neill (eds.), Academic Press. San Diego, CA. **T**
33. Verb, R.G., M.L. Vis, D.W. Ott, & **R.L. Wallace**. 1999. New records of *Vaucheria* species (Xanthophyceae) with associated *Proales werneckii* (Rotifera) from North America. *Cryptogamie Algologie* 20(2): 67–73. **D**
34. **Wallace, R.L.** 2000. Priapulida. *Encyclopedia of Life Sciences*. Macmillan Publishers Ltd. [electronic publication #1592; consult — <http://www.els.net>] **T**

35. **Wallace, R.L.** 2000. Rotifera. Encyclopedia of Life Sciences. Macmillan Publishers Ltd. [electronic publication #1588; consult — <http://www.els.net>] **T**
36. **Wallace, R.L.** 2000. On a charismatic microfauna. Book Review: *The Biology of Calanoid Copepods*. (Advances in Marine Biology, Vol. 33 (John Mauchline). Academic Press, San Diego, 1998. 710 pp., illus.) *BioScience* 50(9): 827-829. **A**
37. **Wallace, R.L.** 2001. *Instructor's manual and test bank* to accompany James W. Nybakken, *Marine biology: An ecological approach*, 5<sup>th</sup> Edition. Addison Wesley Longman, Inc. ISBN: 0-8053-4214-1 **T**
38. **Wallace, R.L.** & T.W. Snell. 2001. Rotifera. Chapter 8. In *Ecology and classifications of North American freshwater invertebrates*, 2nd edition. pp 173–235. (J. Thorp and A. Covich, eds.). Elsevier Inc., Amsterdam. **T**
39. Segers, H. & **R.L. Wallace**. 2001 Contribution to a revision of Family Conochilidae (Rotifera; Monogononta; Flosculariacea). *Zoologica Scripta* 30(1): 37–48. **D**
40. **Wallace, R.L.**, J.J. Gilbert, & C. King. 2001. In memoriam: W.T. Edmondson (1916–2000). *Hydrobiologia* 446/447: xv–xxi. **A**
41. **Wallace, R.L.**, D.W. Ott, S.L. Stiles, & C.K. Oldham-Ott. 2001. Bed and Breakfast: the parasitic life of *Proales werneckii* (Ploimida: Proalidae) within the alga *Vaucheria* (Xanthophyceae: Vaucheriales). *Hydrobiologia* 446/447: 129–137. **D**
42. **Wallace, R.L.** and C. Ricci. 2002. Rotifera. Pages 15–44. In S.D. Rundle, A.L. Robertson and J.M. Schmid-Araya (eds.). *Freshwater Meiofauna: Biology and Ecology*. Backhuys Publishers, Leiden. The Netherlands. ISBN 90-5782-109-5 **I**
43. **Wallace, R.L.** & W.K. Taylor. 2002. *Invertebrate Zoology*, 6th ed. Prentice Hall, NJ. ISBN 0-13-042937-6 **T**
44. **Wallace, R.L.** 2002. Rotifers: exquisite Metazoans. *Integrative and Comparative Biology* 42: 660–667. **I**
45. Fontaneto, D. G. Melone, & **R.L. Wallace**. 2003. Morphology of *Floscularia ringens* (Rotifera, Monogononta) from egg to adult. *Invertebrate Biology* 122: 231–240. **D**
46. **Wallace, R.L.**, & W.S. Brooks. 2003. A dinosaur trackways exercise. *Bioscene*. 29(3): 3–7. **T**
47. Walsh, E. & **R.L. Wallace**. 2003. Life on the edge: an evaluation of the health of Chihuahuan Desert waters. *Chihuahuan Desert Discovery* 49(2): 25. **A**
48. **Wallace, R.L.** 2004. Review: Ecosystems and human well-being: a framework for assessment, by Joseph Alcamo et al. Island Press, 2003. 245p. (April 2004 issue of *Choice*). **A**
49. **Wallace, R.L.** 2004. Review: Jersabek, Christian D. The Frank J. Myers Rotifera Collection: an illustrated catalog. Academy of Natural Sciences of Philadelphia, 2003. (May 2004 issue of *Choice*). **A**
50. **Wallace, R.L.** 2005. Instructor's Manual and Test Bank for *Marine Biology, an ecological approach*. 6th edition by James Nybakken's and Mark D. Bertness. Pearson Education, Inc. Benjamin Cummings. San Francisco, CA. 185 pages. ISBN 0-8053-4585-X **T**
51. **Wallace, R.L.** 2005. Teaching population growth using a culture of the vinegar eel, *Turbatrix acetii* (Nematoda). *Bioscene, Journal of College Biology Teaching*. 31(1): 21–25. **T**
52. Walsh, E.J., **R.L. Wallace**, & R.J. Shiel. 2005. Toward a Better Understanding of the Phylogeny of the Asplanchnidae (Rotifera). *Hydrobiologia* 546(1): 71–80. **D**
53. **Wallace, R.L.**, E.J. Walsh, M.L. Arroyo, & P.L. Starkweather. 2005. Life on the Edge: Rotifers From Springs and Ephemeral Waters in the Chihuahuan Desert, Big Bend National Park (Texas, USA). *Hydrobiologia* 546(1): 147–157. **D**
54. Beres, K., **R.L. Wallace**, & H. Segers. 2005. Rotifers and Hubbell's Unified Neutral Theory of biodiversity and biogeography. *Natural Resource Modeling* 18(3): 363–376. **D**

55. **Wallace, R.L.** 2006. Review: *Aquatic Foods Webs: an ecosystem approach*. Oxford University Press, by Belgrano, A., U.M. Scharler, J. Dunne, and R.E. Ulanowica. (eds.). 2005. Oxford. UK. (January 2006 issue of *Choice*). **A**
56. **Wallace, R.L.**, T.W. Snell, C. Ricci, & T. Nogrady. 2006. Rotifera: Volume 1 Biology, Ecology and Systematics (2<sup>nd</sup> ed.). *Guides to the Identification of the Microinvertebrates of the Continental Waters of the World 23* (Segers, H., ed.). Kenobi Productions, Ghent, and Backhuys Publishers, Leiden. **I**
57. Walsh, E.J., M. Salazar, J. Ramirez, O. Moldes, & **R.L. Wallace**. 2006. Predation invertebrate predators on the colonial rotifer, *Sinantherina socialis*. *Invertebrate Biology* 125(4): 325–335. **D**
58. **Wallace, R.L.** 2007. Review: *The Biology of Temporary Waters*, by D. Dudley Williams. Oxford University Press, Oxford. 2006. 337p. (July 2007 issue of *Choice*). **A**
59. Walsh, E.J., T. Schröder, M.L. Arroyo, & **R.L. Wallace**. 2007. How well do single samples reflect rotifer species diversity? A test based on interannual variation of rotifer communities in Big Bend National Park (Texas, USA). *Hydrobiologia* 593: 39–47. **D**
60. **Wallace, R.L.**, E.J. Walsh, R. Rico-Martinez, J.V. Rios Arana, & T. Schröder. 2008. Species composition and distribution of rotifers in Chihuahuan desert waters: is everything everywhere? *Verhandlungen Internationale Vereinigung Limnologie* 30(1): 73–76. **D**
61. **Wallace, R.L.** 2008. Choice review: *An introduction to the aquatic insects of North America*. (R.W. Merritt, K.W. Cummins, and M.B. Berg). Kendall Hunt, 2008. (March 2008 issue of *Choice*). **A**
62. Walsh, E.J., T. Schröder, **R.L. Wallace**, J.V. Ríos-Arana, & R. Rico-Martínez. 2008. Rotifers from selected inland saline waters in the Chihuahuan Desert of México. *Saline Systems* 4:7. doi: 10.1186/1746-1448-4-7 // Available from: <http://www.salinesystems.org/content/4/1/7> **D**
63. **Wallace, R.L.** & H.A. Smith\*. 2009. Rotifera. In: Gene E. Likens, (Editor) *Encyclopedia of Inland Waters*. Volume 3, pp. 689–703 Oxford: Elsevier. **T**
64. Smith\*, H.A., J. Ejsmont-Karabin, T. Hess, & **R.L. Wallace**. 2009. Paradox of planktonic rotifers: similar structure but unique trajectories in communities of the Great Masurian Lakes (Poland). *Verhandlungen Internationale Vereinigung Limnologie* 30(6): 951–956. **D**
65. **Wallace, R.L.** 2009. Choice review: *Aridland springs in North America: ecology and conservation*. (Lawrence E. Stevens and Vicky J. Meretsky, eds.). Arizona/Arizona-Sonora Desert Museum, 2008. (April 2009 issue of *Choice*). **A**
66. Walsh, E.J. T. Schroeder, **R.L. Wallace**, and G. Santos Medrano. 2009. Cryptic speciation in Chihuahuan Desert zooplankton? I. *Lecane bulla* (Monogononta: Rotifera). *Internat. Verein. Limnol.* 30(7): 1046–1050. **D**
67. **Wallace, R.L.** 2009. Choice review of *The Mojave Desert: ecosystem processes and sustainability*, edited by Robert H. Webb et al. University of Nevada Press. (October 2009 issue of *Choice*). **A**
68. Schöll, K. & **R.L. Wallace**. 2009. Obituary: Thomas Nogrady, 1925–2009. *SILnews* 55: 5–6. **A**
69. **Wallace, R.L.** & H. A. Smith\*. 2010. Rotifera. Pages 183–197 in G. E. Likens, editor. *Plankton of Inland Waters*. Elsevier, Amsterdam. NB: reprint of Wallace and Smith\* 2009. **T**
70. **Wallace, R.L.** & Snell, T.W. 2010. Rotifera. Chapter 8. In: *Ecology and Classifications of North American Freshwater Invertebrates, 3<sup>rd</sup> edition*. pp 173–235. (Jim Thorp and Alan Covich, eds.) Elsevier. Oxford. **D**
71. Walsh, E.J., T. Schröder, E. Suárez-Morales, R. Rico-Martinez, M. Silva-Briano, J.V. Ríos-Arana, & **R.L. Wallace**. 2010. Limnologists in the desert? *SIL News* 56: 22–23. **A**
72. **Wallace, R.L.** 2010. Choice review of *Mirror Lake: interactions among air, land, and water*, edited by Thomas C. Winter and Gene E. Likens. University of California Press (May 2010 issue of *Choice*). **A**
73. Walz, N., Schöll, K., **R.L. Wallace**, J.J. Gilbert, P. Clément, & C. Rougier. 2011. *In memoriam*. *Hydrobiologia* 662: 5–9. **A**

74. Obertegger, U., H.A. Smith\*, G. Flaim, & **R.L. Wallace**. 2011. Using the guild ratio to characterize pelagic rotifer communities. *Hydrobiologia* 662: 157–162. **D**
75. **Wallace, R.L.** 2011. Choice review of *Wetland Ecology: Principles and Conservation*, (second edition) by Paul A. Keddy. Cambridge (April 2011 issue of *Choice*). **A**
76. **Wallace, R.L.** 2011. Choice review of *Chuckwalla land: the riddle of California's desert*, by David Rains Wallace. California (October 2011 issue of *Choice*). **A**
77. **Wallace, R.L.** 2012. Choice review of *Drought and aquatic ecosystems: effects and responses* by Lake, P. Sam. Wiley-Blackwell. (March 2012 issue of *Choice*). **A**
78. **Wallace, R.L.** 2012. Choice review of *Dryland climatology*. By S.E. Nicholson. Casmbridge. August 2012 issue of *Choice*.) **A**
79. Segers, H., W.H. De Smet, C. Fischer, D. Fontaneto, E. Michaloudi, **R.L. Wallace**, & C.D. Jersabek. 2012. Towards a list of available names in zoology, partim phylum Rotifera. *Zootaxa* 3179: 61–68. This paper is published as open access at:  
<http://www.mapress.com/zootaxa/2012/zt03179p068.pdf> **I**
80. **Wallace, R.L.** 2013. Choice review of *The biology of freshwater wetlands* (2<sup>nd</sup> edition) by Arnoud van der Valk. Oxford, 2012. (January 2013 issue of *Choice*). **A**
81. **Wallace, R.L.** & Smith, H.A. 2013. Rotifera. In: eLS 2013, John Wiley and Sons Ltd: Chichester. <http://www.els.net/> [DOI: 10.1002/9780470015902.a0001588.pub2]. (May 2013). **T**
82. Wallace, R.L. & Sarma, S.S.S. 2013. The 13<sup>th</sup> International Rotifer Symposium, Shillong, India, November 18–24, 2012. *SIL News* 62: 17–18. **A**
83. **Wallace, R.L.** 2013. Choice review of *Wetland environments: a global perspective*. By J. S. Aber, F. Parvri, and S. W. Aber. Wiley-Blackwell, New York. August 2013 issue of *Choice*.) **A**
84. **Wallace, R.L.** 2013, Sarma, S.S.S., & Nandini, S. A commentary on the XIII<sup>th</sup> International Rotifer Symposium (Shillong, 2012). *Aquatic Biosystems* 9: 13. **A**
85. **Wallace, R.L.** 2013. Choice review of *Mid-Atlantic Freshwater Wetlands: Advances in Wetlands Science, Management Policy and Practice*. Edited by R. P. Brooks and D. H. Wardrop. Springer, New York. November 2013 issue of *Choice*.) **A**
86. Walsh, E.J., H.A. Smith, & **R.L. Wallace**. 2014. Rotifers of temporary waters. *International review of Hydrobiology* 99: 48–57. **D**
87. Meksuwan, P. Pholpunthin, P., Walsh, E.J., Segers, H., & **R.L. Wallace**. 2014. Sessile and periphytic rotifer community structure: an analysis of habitat patterns and species traits. *International review of Hydrobiology* 99: 3–19. **D**
88. **Wallace, R.L.** 2014. Choice review of *Drought in arid and semi-arid regions: a multi-disciplinary and cross-country perspective*. (K. Schwabe et al., eds.). Springer, 2013. 507p. April 2014 issue of *Choice*.) **A**
89. Walsh, E.J., M.L. Arroyo, T. Schröder, & **R.L. Wallace**. 2014. Species richness and species turnover (complementarity) of Rotifera in selected aquatic systems of Big Bend National Park, Texas. In: C.A. Hoyt and J. Karges (editors). *Proceedings of the Sixth Symposium on the Natural Resources of the Chihuahuan Desert Region. October 14–17*. Chihuahuan Desert Research Institute, Fort Davis, TX. pp. 185–204. <http://cdri.org/publications/proceedings-of-the-symposium-on-the-natural-resources-of-the-chihuahuandesert-region/> **D**
90. **Wallace, R.L.** 2014. Choice review of *Wetlands and lakes of the world*. (Kar, D.). Springer, 2014. 687p. November 2014 issue of *Choice*.) **A**
91. **Wallace, R.L.**, Ciros-Pérez, J., Fontaneto, D., Mills, S., Segers, H., Shiel, R., & Walsh, E.J. 2014. Cryptic speciation in *Brachionus plicatilis*: A workshop to describe species within the complex. *SIL News* 65: 15–16. **D**

92. **Wallace, R.L.**, T.W. Snell, & H.A. Smith. 2015. Phylum Rotifera. In: Thorp, J. and Rogers, D.C. (Eds.), *Ecology and General Biology: Thorp and Covich's Freshwater Invertebrates*, Academic Press. pp 225–271. **I**
93. Hochberg, R., **R.L. Wallace**, and E.J. Walsh. 2015. Soft bodies, hard jaws: An introduction to the symposium with rotifers as models of jaw diversity. *Integrative and Comparative Biology* 55(2): 179–192. doi:10.1093/icb/icv002 **D**
94. **Wallace, R.L.** 2015. Choice review of *Relics of a beautiful sea: survival, extinction, and conservation in a desert world*. (Norment, C.J.). North Carolina, 2014. 271p. April 2015 issue of *Choice*. **A**
95. **Wallace, R.L.** 2015. SIL hotnews. Notatio naturae, et animadversio perperit artem. (*Art is born of the observation and investigation of nature*), Cicero. *SILnews* 67: 4. **A**
96. **Wallace, R.L.**, S.S.S. Sarma, & S. Nandini. 2015. 14th International Rotifer Symposium: A Report. *SILnews* 67: 6–7. **A**
97. Segers, H., W.H. De Smet, D. Fontaneto, C. Hinz, C. Hussey, E. Michaloudi, **R.L. Wallace**, & C.D. Jersabek 2015. Period of public commentary begins on the revised proposal of species-group level names, and on the proposal of genus-group level names of the *Candidate Part of List of Available Names* (LAN) in the phylum Rotifera. *European Journal of Taxonomy* 165: 1–3. {See also #100.} **D**
98. **Wallace, R.L.** & H.A. Uyhelji (Smith). 2016. Rotifera, Reference Module in Earth Systems and Environmental Sciences. ISBN: 978-0-12-409548-9 Earth Systems and Environmental Sciences. <https://doi.org/10.1016/B978-0-12-409548-9.09551-8>. **I**
99. **Wallace, R. L.**, T. Snell, E. J. Walsh, S. S. S. Sarma, & H. Segers, 2016. Phylum Rotifera. In Thorp, J.H. & D.C. Rogers (eds.) *Thorp and Covich's freshwater invertebrates, Keys to Nearctic fauna*. Vol. 2, 4<sup>th</sup> ed. Elsevier, New York, 131–167. **I**
100. Segers, H., W.H. D. Smet, D. Fontaneto, C. Hinz, C. Hussey, E. Michaloudi, **R.L. Wallace**, & C.D. Jersabek. 2016. Period of public commentary begins on the revised proposal of species-group level names, and on the proposal of genus-group level names of the *Candidate Part of List of Available names* (LAN) in the phylum Rotifera. *Zootaxa* 4066(1): 81–82. {See also reference #98, above; this is not a double publication; these sorts of reports are required for the International Code of Zoological Nomenclature.} <https://doi.org/10.11646/zootaxa.4066.1.7>. **D**
101. Allen, R.L., **R.L. Wallace**, & B.E. Sisson. 2016. A rotifer based technique to rear zebrafish larvae in small academic settings. *Zebrafish* 13(4): 281–286. **T**
102. Hochberg, R., E.J. Walsh & **R. L. Wallace**. 2017. The ultrastructure of the integument and proventriculus in the raptorial rotifer, *Cupelopagis vorax* (Monogononta: Collothecaceae: Atrochidae). *Invertebrate Biology* 136: 50–61. <https://doi.org/10.1111/ivb.12161>. **D**
103. **Wallace, R.L.** 2016. Choice review of *Water Bankruptcy in the American Southwest*. (Poupeau, Franck et al., eds.) CRC Press. 437p. ISBN 978-1-138-02969-2. March 2017 issue of *Choice*. **A**
104. Snell, T., M. Serra, C. Ricci, & **B. (R.L.) Wallace**. 2017. In memoriam — Charles King. *SIL News* 69: 21–22. **A**
105. Mills, S. J.A. Alcántara-Rodríguez, J. Ciro-Pérez, A. Gómez, A. Hagiwara, K.H. Galindo, C.D. Jersabek, R. Malekzadeh-Viayeh, F. Leasi, J.-S. Lee, D. Mark Welch., S. Papakostas, S. Riss, H. Segers, M. Serra, R. Shiel, R. Smolak, T.W. Snell, C.-P. Stelzer, C.Q. Tang, & **R.L. Wallace**, D. Fontaneto, & E.J. Walsh. 2017. Fifteen species in one: deciphering the *Brachionus plicatilis* species complex (Rotifera, Monogononta) through DNA taxonomy. *Hydrobiologia* 796: 39–58. <https://doi.org/10.1007/s10750-016-2725-7>. **D**
106. Sarma, S.S.S., M.A. Jiménez-Santos, S. Nandini, & **R.L. Wallace**. 2017. Demography of the sessile rotifers, *Limnias ceratophylli* and *Limnias melicerta* (Rotifera: Gnesiotrocha), in relation to food (*Chlorella vulgaris* Beijerinck, 1890) density. *Hydrobiologia* 796: 181–189. <https://doi.org/10.1007/s10750-017-3184-5>. **D**
107. Walsh, E.J. L. May, & **R.L. Wallace**. 2017. A metadata approach to documenting sex in phylum Rotifera: diapausing embryos, males, and hatchlings from sediments. *Hydrobiologia* 796: 265–276. <https://doi.org/10.1007/s10750-016-2712-z>. **D**

108. Camacho, A., E. Vicente, S. S. S. Sarma, & **R.L. Wallace**. 2017. Obituary: Prof. Dr. Maria Rosa Miracle (1945–2017). *SILnews* 71: 12–14. **A**
109. **Wallace, R.L.** 2018. Choice review of *No species is an island: bats, cacti, and secrets of the Sonoran Desert. Arizona*. (Fleming, T.H.) University of Arizona Press. 72p. ISBN 9780816535897. Aprim 2018 issue of *Choice*. **A**
110. Špoljar, M., I. Radanović, D. Matulić, J. Lajtner, **R.L. Wallace**, M. Sertić, T. Dražina, & T. Tomljanović. 2018. Zooplankton assemblage in four temperate shallow waterbodies in association with habitat heterogeneity and alternative states. *Limnologia* 71: 51–61. **D**
111. **Wallace, R.L.**, A. Korbacheh, & E.J. Walsh. 2018. Key to the currently recognized species of *Limnias* Schrank, 1803 (Rotifera Monogononta, Gnesiotrocha, Flosculariidae). *Zookeys* 4442(2): 307–318. **I**
112. Serra, M., T.W. Snell, & **R.L. Wallace**. 2018. Reproduction, Overview by Phylogeny: Rotifera. In M. K. Skinner (Ed.), *Encyclopedia of Reproduction*. vol. 6, pp. 513–521. Academic Press: Elsevier. <http://dx.doi.org/10.1016/B978-0-12-809633-8.20646-8> **I**
113. Rivas, J.A. Jr., J. Mohl, R.S. Van Pelt, M.-Y. Leung, **R.L. Wallace**, T.E. Gill, & E.J. Walsh. 2018. Evidence for regional aeolian transport of freshwater biota in arid regions. *Limnology and Oceanography Letters* 3: 320–330. <https://doi.org/10.1002/lol2.10072> **D**
- Rivas, J. A., Jr., J. Mohl, R. S. Van Pelt, M.-Y. Leung, R. L. Wallace, T. E. Gill, & E. J. Walsh. 2018. Data for evidence for regional aeolian transport of freshwater micrometazoans in arid regions. UTEP Bioinformatics Data Repository. (Last accessed: 2018.02.02). This is the companion paper to Rivas et al. (2018 *Limnology and Oceanography Letters* (see below). Available from <http://datarepo.bioinformatics.utep.edu/getdata?acc=ACIEJDV41U1ZN5I> **D**
114. **Wallace, R.L.** 2018. Choice review of *A natural history of the Mojave Desert*. (L.R. Walker and F.H. Landau) The University of Arizona Press. 326 p. ISBN 978-0-8165-3262-9 October '18 issue 56(2): 309. **A**
115. Korbacheh, A., **R.L. Wallace**, & E.J. Walsh. 2018. Evidence supporting cryptic species within two sessile microinvertebrates, *Limnias melicerta* and *L. ceratophylli* (Rotifera, Gnesiotrocha) *PlosOne* e0205203. <https://doi.org/10.1371/journal.pone.0205203> **D**
116. Ríos-Arana, Judith, L.C. Agüero-Reyes, **R.L. Wallace**, & E.J. Walsh. 2019. Chemical characteristics and rotifer community composition of Northern Mexico Chihuahuan desert springs. *Journal of Arid Environments* 160: 32–41. <https://doi.org/10.1016/j.jaridenv.2018.09.005> **D**
117. Wallace, R.L. & E.J. Walsh. 2019. Evidence does not support the conclusion that *Hexarthra intermedia* (Rotifera, Monogononta, Flosculariaceae) causes mortality in *Bosmina longirostris* (Cladocera, Diplostraca, Branchiopoda) *Limnologia* 38(1): 147–57. DOI: 10.23818/limn.38.16 **I**
118. Hochberg, R., H. Yang, A. Hochberg, E.J. Walsh, & **R.L. Wallace** (in press). When heads are not homologous: the coronae of larval and adult collothecid rotifers (Rotifera: Monogononta: Collothecaceae). *Hydrobiologia* xxx(xx): xxx–xxx. <https://doi.org/10.1007/s10750-018-3760-3> **D**
119. Yang, H. R. Hochberg, E.J. Walsh, & **R.L. Wallace** (in press). Systematic distribution of birefringent bodies in Rotifera and first evidence of their ultrastructure in *Acyclus inquietus* (Gnesiotrocha: Collothecaceae). *Hydrobiologia* xxx(xx): xxx–xxx. <https://doi.org/10.1007/s10750-018-3784-8> **D**
120. Young, A., R. Hochberg, E.J. Walsh, & **R.L. Wallace** (in press). Modeling the life history of sessile rotifers: larval substratum selection through reproduction. *Hydrobiologia* xxx(xx): xxx–xxx. <https://doi.org/10.1007/s10750-018-3802-x> **D**
121. Hochberg, R., H. Lang, E.J. Walsh, & **R.L. Wallace**. (in press) Fine structure of the subitaneous eggshell of the sessile rotifer *Stephanoceros millsii* (Monogononta) with observations on vesicle trafficking in the integument during ontogeny. *Invertebrate Reproduction and Development*. <https://doi.org/10.1080/07924259.2019.1581097> **D**
122. **Wallace, R.L.**, T. Snell, E.J. Walsh, S.S.S. Sarma, & H. Segers. (in press). Phylum Rotifera. In Thorp, J.H. & D.C. Rogers (eds.) *Thorp and Covich's freshwater invertebrates, Keys to Palearctic fauna*. Vol. 3, 4<sup>th</sup> ed. Elsevier, New York. <corrected page proofs available> **I**

- 
123. José de Paggi, S., **R.L. Wallace**, D. Fontaneto, & M.C. Marinone. (in review). Phylum Rotifera. In Thorp, J.H. & D.C. Rogers (eds.) Thorp and Covich's freshwater invertebrates, Keys to Neotropical fauna. Vol. 4, 4<sup>th</sup> ed. Elsevier, New York. **I**
124. Jiménez-Santos, M.A., S.S.S. Sarma, S. Nandini & **R.L. Wallace**. (in review). Sessile rotifers exhibit strong seasonality in a shallow, eutrophic, Ramsar Site in Mexico. *Freshwater Biology*. **D**
125. Rivas, J.A., T. Schröder, T.E. Gill, **R.L. Wallace**, & E.J. Walsh. (in review). Anemochory of diapausing stages of microinvertebrates in North American drylands. *Freshwater Biology* **D**
126. Shiel, R. I. Duggan, T. Snell, & **R.L. Wallace**. (in preparation). Phylum Rotifera. In Thorp, J.H. & D.C. Rogers (eds.) Thorp and Covich's freshwater invertebrates, Keys to the Australian bioregion fauna. Vol. 4, 4<sup>th</sup> ed. Elsevier, New York. **I**
127. Hochberg, E.J. Walsh, & **R.L. Wallace** (in preparation). *Acyclus inquietus* (Gnesiotrocha: Collothecaceae). **D**

**Summary Boyer's Model statistics 2019-02-19:     D = 51     I = 20     A = 33     T = 21**