

EXHIBIT D

CUMMINS REPRINT LIST March, 2009

1961

1. Lauff, G. W., K. W. Cummins, C. H. Eriksen, and M. Parker. 1961. A method for sorting bottom fauna samples by elutriation. *Limnol. Oceanogr.* 6:462-466.

1962

2. Cummins, K. W. 1962. An evaluation of some techniques for the collection and analysis of benthic samples with special emphasis on lotic waters. *Amer. Midl. Nat.* 67:477-504.

1964

3. Cummins, K.W. 1964. Factors limiting the microdistribution of the caddisflies *Psycnopsyche lepida* (Hagan) and *Psycnopsyche guttifer* (Walker) in a Michigan stream (Trichoptera: Limnephilidae). *Ecol. Monogr.* 34:271-295.
4. Lauff, G.H. and K.W. Cummins. 1964. A model stream for studies in lotic ecology. *Ecology* 45: 188-191.
5. Mecom, J.O. and K.W. Cummins. 1964. A preliminary study of the trophic relationships of the larvae of *Brachycentrus americanus* (Banks) (Trichoptera: Brachycentridae). *Trans. Am. Microsc. Soc.* 83:233-245.
6. Cummins, K.W. 1964. A review of stream ecology with special emphasis on organism-substrate relationships. in: *Organisms-Substrate Relationships In Streams*, Pymatuning Lab special publication no. 4, Cummins, K.W., C.A. Tryon, and R.T. Hartman, eds. pp. 2-51.

1966

7. Cummins, K.W., W.P. Coffman, and P.A. Roff. 1966. Trophic relationships in a small woodland stream. *Verh. Int. Verein. Limol.* 16:627-638.

1969

8. Cummins, K.W., R.R. Costa, R.E. Rowe, G.A. Moshiri, R.M. Scanlon, and R.K. Zajdel. 1969. Ecological energetics of a natural population of a predaceous zooplankter *Leptodora kindtii* (Focke) (Crustacea: Cladocera). *Oikos* 20:189-223.
9. Moshiri, G.A., K.W. Cummins, and R.R. Costa. 1969. Respiratory energy expenditure by a natural population of the predaceous zooplankter *Leptodora kindtii* (Focke) (Crustacea: Cladocera). *Limnol. Oceanogr.* 1:475-484.
10. Moshiri, G.A. and K.W. Cummins. 1969. Calorific values for *Leptodora kindtii* (Focke) (Crustacea: Cladocera) and selected food organisms. *Arch. Hydrobiol.* 66:91-99.
11. Cummins, K.W. and Lauff, G.H. 1969. The influence of substrate particle size on the microdistribution of stream macrobenthos. *Hydrobiologia.* 34: 145-181.
12. Costa, R.R. and K.W. Cummins. 1969. Diurnal vertical migration patterns of *Leptodora kindtii* (Focke) (Crustacea: Cladocera) in a shallow eutrophic reservoir. *Int. Rev. Gest. Hydrobiol.* 54:533-541.
13. Cummins, K.W. 1969. Energy budgets. p. 31-37. in: Cummins, K.W. (ed.). *The Stream Ecosystem*. Mich. State Univ. Inst. Water Res. Tech. Rept. 7:1-42.
14. Cummins, K.W. (ed.). 1969. *The Stream Ecosystem*. AAAS Symp. Mich. State Univ. Inst. Water Res. Tech. Rept. 7:1-42.

1971

15. Cummins, K.W. and J.C. Wuycheck. 1971. Calorific equivalents for investigations in ecological energetics. *Mitt. Int. Verein. Limnol.* 18:1-158.
16. Coffman, W.P., K.W. Cummins, and J.C. Wuycheck. 1971. Energy flow in a woodland stream ecosystem. I. Tissue support trophic structure of the autumnal community. *Arch. Hydrobiol.* 68:232-276.

17. Cummins, K.W. 1971. Energy relationships in cladoceran populations. *Trans. Am. Microsc. Soc.* 90: 101-102.

1972

18. Cummins, K.W. 1972. What is a River: -zoological description, p. 33-52, *in*: Oglesby, R.T., C.A. Carlson and J.A. McCann (eds.). *River ecology and man*. Academic Press, NY 465 pp.
19. Cummins, K.W. 1972. Predicting variations in energy flow through a semicontrolled lotic ecosystem. *Mich. State Univ. Tech. Rept.* 19:1-21.
20. Costa, R.R. and K.W. Cummins. 1972. The contribution of *Leptodora* and other zooplankton to the diet of various fish. *Amer. Midl. Nat.* 87:559-564.
21. Cummins, K.W., M.J. Klug, R.G. Wetzel, R.C. Petersen, K.F. Suberkropp, B.A. Manny, J.C. Wuycheck, and F.O. Howard. 1972. Organic enrichment with leaf leachate in experimental lotic ecosystems. *BioScience* 22:719-722.

1973

22. Cummins, K.W. 1973. Trophic relations of aquatic insects. *Ann. Rev. Ent.* 18: 183-206.
23. Cummins, K.W. 1973. A worldwide directory of stream ecologists. *Mich. State Univ. Inst. Water Res. Tech. Rept.* 28:1-67.
24. Cummins, K.W., R.C. Petersen, F.O. Howard, J.C. Wuycheck, and V.I. Holt. 1973. The utilization of leaf litter by stream detritivores. *Ecology* 54:336345.

1974

25. Cummins, K.W. 1974. Structure and function of stream ecosystems. *BioScience* 24: 631-641
26. Petersen, R.C. and K.W. Cummins. 1974. Leaf processing in a woodland stream. *Freshwat. Biol.* 4: 343-368.

1975

27. Cummins, K.W. 1975. The importance of different energy sources in freshwater ecosystems, p.50-54. *in*: Reichle, D.E., J.F. Franklin, and D.W. Goodall (eds.). *Productivity of world ecosystems*. Proc. Symp. IBP General Assembly Nat. Acad. Sci. Wash., DC 166 pp.
28. Cummins, K.W. 1975. Macroinvertebrates, p. 170-198. *in*: Whitton, B. (ed.) *River Ecology*. Blackwell Sci., Oxford. 725 pp.
29. Cummins, K.W. 1975. The ecology of running waters; theory and practice, p. 277-293. *IN*: Baker, D.B., W.B. Jackson, and B.L. Prater (eds.). *Proc. Sandusky River Basin Symposium*. International Joint Comm., Int. Ref. Gp. Great Lakes Pollution from Land Use Activities. U.S. Govt. Print. Off.. Wash. DC 1976-653,346. 475pp.
30. Boling, R.H., R.C. Petersen, and K.W. Cummins. 1975. Ecosystem modeling for small woodland streams, p. 183-204. *in*: *Systems analysis and simulation in ecology*, Vol. 3, B.C. Patten (ed.). Academic Press, NY 601 pp.

1976

31. Cummins, K.W. 1976. The use of microinvertebrate benthos in evaluating environmental damage. Pp. 139-149. *in*: R.K. Sharma, J.D. Buffington, and J.T. McFadden, (eds.). *Proc. Conf. on Biological Significance of Environ. Impacts*, National Tech. Info. Serv. Springfield, VA 22161. 327 p.
32. Boling, R.H., E.D. Goodman, J.D. Zimmer, K.W. Cummins, R.C. Petersen, J.A. VanSickle, and S.R. Reice. 1975. Toward a model of detritus processing in a woodland stream. *Ecology* 56: 141-151.
33. Suberkropp, K.F., M.J. Klug, and K.W. Cummins. 1975. Community processing of leaf litter in woodland streams. *Verh. Int. Verein. Limnol.* 19:1653-1658.

1977

34. Cummins, K.W. 1977. From headwaters streams to rivers. *Am. Biol. Teacher* 39: 05-312.

1978

35. Sedell, J.R., R.J. Naiman, K.W. Cummins, G.W. Minshall, and R.L. Vannote. 1978. Transport of particulate organic material in streams as a function of physical processes. *Verh. Int. Verein. Limnol.* 20: 1366-1375.
36. Barnes, J.R., R. Ovink, and K.W. Cummins. 1978. Leaf litter processing in Gull Lake, Michigan, USA. *Verh. Int. Verein. Limnol.* 20:475-479.
37. Ward, G.M. and K.W. Cummins. 1978. Life history and growth pattern of *Paratendipes albimanus* in a Michigan headwater stream. *Ann. Ent. Soc. Am.* 71:272-284.
38. Mahan, DC and K.W. Cummins. 1978. A profile of Augusta Creek in Kalamazoo and Barry Counties, Michigan. Tech. Rept. W.K. Kellogg Biol. Sta. 1, Mich. State Univ. 3, 12 p.
39. Cummins, K.W. and G.L. Spengler. 1978. Stream ecosystems. *Water Spectrum* 100:1-9.
40. Cummins, K.W. 1978. Bioenergetic simulation modeling: overview, p. 151- 154. *in:* Mason, Jr., W.T. (ed.). *Proc. Eastern Energy and Land Use Wkshp., Fish & Wildlife Serv., U.S. Dept. of the Interior.* U.S. Govt. Printing Off. Wash., DC 0024-0100-00465-7. 230 pp.

1979

41. Anderson, N.H. and K.W. Cummins. 1979. The influences of Diet on the Life Histories of Aquatic Insects. *J. Fish. Res. Bd. Can.*, 36:335-342.
42. Merritt, R.W., K.W. Cummins, and J.R. Barnes. 1979. Demonstration of stream watershed community processes with some simple bioassay techniques, p. 101-113. *in:* Resh, V.H. and D.M. Rosenberg (eds.). *Innovative teaching in aquatic entomology.* *Can. Spec. Publ. Fish. Aquat. Sci.* 4 3: 1-118.
43. Moeller, J.R., G.W. Minshall, K.W. Cummins, R.C. Petersen, C.E. Cushing, J.R. Sedell, R.A. Larson, and R.L. Vannote. 1979. Transport of dissolved organic carbon in streams of differing physiographic characteristics. *Organic Geochemistry* 1:39-150.
44. Cummins, K.W. and M.J. Klug. 1979. Feeding ecology of stream invertebrates. *Ann. Rev. Ecol. Syst.* 10:147-172.
45. Ward, G.M. and K.W. Cummins. 1979. Effects of food quality on growth rate and life history of *Paratendipes albimanus* (Miegn) (Diptera: Chironomidae). *Ecology* 60:57-64.

1980

46. Cummins, K.W. 1980. The multiple linkages of forests to streams, p. 191-198. *in:* Waring, R.H. (ed.). *Forests: fresh perspectives from ecosystem analysis.* Oregon State Univ. Biol. Colloquium. 40, 198 p.
47. Cummins, K.W. 1980. The natural stream ecosystem, p. 7-24. *IN:* Ward, J.V. and J.A. Stanford (eds.). *The ecology of regulated streams.* Plenum Publishing Corporation. 398 p.
48. Cummins, K.W., G.L. Spengler, G.M. Ward, R.M. Speaker, R.W. Ovink, DC Mahan, and R.L. Mattingly. 1980. Processing of confined and naturally entrained leaf litter in a woodland stream ecosystem. *Limnol. Oceanogr.* 25:952-957.
49. Cushing, C.E., C.D. McIntire, J.R. Sedell, K.W. Cummins, G.W. Minshall, R.C. Petersen, and R.L. Vannote. 1980. Comparative study of physical- chemical variables of streams using multivariate analyses. *Arch. Hydrobiol.* 89:343-352.
50. Vannote, R.L., G.W. Minshall, K.W. Cummins, J.R. Sedell, and C.E. Cushing. 1980. The river continuum concept. *Can. J. Fish. Aquat. Sci.* 37: 130-137. [Citation Index Classic; recipient of the 2005 ASLO Martin Award.]
51. Ward, G.M., K.W. Cummins, S.V. Gregory, R.W. Speaker, T.L. Dudley, and A.K. Ward. 1980. Habitat and food resources for invertebrate communities in South Fork Hoh

River, Olympic National Park, Washington. *in*: Proceedings, 2nd Conf. Sci. Research National Parks. Nat'l. Park Serv., Washington. DC.

1981

52. Mattingly, R.L., K.W. Cummins, and Robert H. King. 1981. The influence of substrate organic content on the growth of a stream chironomid. *Hydrobiologia* 77: 161-165.
53. Saunders, G.W., K.W. Cummins, D.Z. Gak, F. Pieczynska, V. Straskrabova, and R.G. Wetzel. 1980. Organic matter and decomposers, p. 341-392. *in*: LeGren, E.D. and R.H. McConnell (eds.). The functioning of freshwater ecosystems. *Internat. Biol. Programme* 22. Cambridge University.
54. Cummins, K.W., M.J. Klug, G.M. Ward, G.L. Spengler, R.W. Speaker, R.W. Ovink, DC Mahan, and R.C. Petersen. 1981. Trends in particulate organic matter fluxes, community processes, and macroinvertebrate functional groups along a Great Lakes Drainage Basin river continuum. *Verh. Internat. Verein. Limnol.* 21 :841-849.

1982

55. Bruns, D.A., G.W. Minshall, J.T. Brock, C.E. Cushing, K.W. Cummins, and R.L. Vannote. 1982. Ordination of functional groups and organic matter parameters from the Middle Fork of the Salmon River, Idaho. *Freshwat. Invertebr. Biol.* 1:2-12.

1983

56. Minshall, G.W., R.C. Petersen, K.W. Cummins, T.L. Bott, J.R. Sedell, C.E. Cushing, and R.L. Vannote. 1983. Interbiome comparison of stream ecosystem dynamics. *Ecol. Monogr.* 53: 1-25.
57. Hanson, B.J., K.W. Cummins, A.S. Cargill, II and R.R. Lowry. 1983. Dietary effects on lipid and fatty acid composition of *Clistoronia magnifica* (Trichoptera: Limnephilidae). *Freshwat. Invertebr. Biol.* 2:2-15.
58. Cushing, C.E., C.D., McIntire, K.W. Cummins, G.W. Minshall, R.C. Petersen J.R. Sedell, and R.L. Vannote. 1983. Relationships among chemical, physical, and biological indices along river continua based on multivariate analyses. *Arch. Hydrobiol.* 98:317-326.
59. Cushing, C.E., K.W. Cummins, G.W. Minshall, and R.L. Vannote. 1983. Periphyton, chlorophyll a, and diatoms of the Middle Fork of the Salmon River, Idaho. *Holarctic Ecol.* 6:221-227.
60. Cummins, K.W., J.R. Sedell, F.J. Swanson, G.W. Minshall, S.G. Fisher, C.E. Cushing, R.C. Petersen, and R.L. Vannote. 1983. Organic matter budgets for stream ecosystems: problems in their evaluation p. 299-353 *in*: *Stream ecology: application and testing of general ecological theory* New York, Plenum Press.

1984

61. Bruns, D.A., G.W. Minshall, C.E. Cushing, K.W. Cummins, J.T. Brock, and R.L. Vannote. 1984. Tributaries as modifiers of the river continuum concept: analysis by polar ordination and regression models. *Arch. Hydrobiol.* 99: 208-220.
62. Cummins, K.W. 1984. Invertebrate food resource relationships. *Bull. J. North American Benthological Soc.* 1: 44-45.
63. Cummins, K.W., G.W. Minshall, J.R. Sedell, C.E. Cushing, and R.C Petersen. 1984. Stream ecosystem theory. *Verh. Int. Verein. Limnol.* 22:1818-1827.
64. Cargill, A.S., II, K.W. Cummins, J.R. Barnes, and M.W. Carter. 1984. The role of lipids fungi and temperature in the nutrition of a shredder caddisfly, *Clistoronia magnifica*. *Freshwat. Invert. Biol.* 4:64-78.
65. Merritt, R.W. and K.W. Cummins. 1984 (eds.). An introduction to the aquatic insects of North America (2nd edition). Kendall/Hunt Publ. Co., Dubuque, IA 722 p.
66. Merritt, R.W., K.W. Cummins, and T.M. Burton. 1984. The role of aquatic insects in the processing and cycling of nutrients. *IN*: Resh, V H. and D.M Rosenberg. (eds.) *The Ecology Aquatic Insects*. Praegar Scien., New York.

67. Hanson, B.J., K.W. Cummins, J.R. Barnes, and M.W. Carter. 1984. Leaf litter processing in aquatic systems: a two variable model. *Hydrobiologia* 222:21 -29.
68. Cummins, K.W. and R.W. Merritt. Ecology and Distribution of Aquatic Insects. *Ecology* 59-65.

1985

69. Hanson, B.J., K.W. Cummins, A.S. Cargill, and R.R. Lowry. 1985. Lipid content, fatty acid composition, and the effect of diet on fats of aquatic insects. *Comp. Biochem. Physiol.* 80B:257-276.
70. Ward, A.K., C.N. Dahm, and K.W. Cummins. 1985. *Nostoc* (Cyanophyta) productivity in Oregon stream ecosystems: Invertebrate influences and differences between morphological types. *J. Phycol.* 21: 223-227.
71. Minshall, G.W., K.W. Cummins, R.C. Petersen, C.E. Cushing, D.A. Bruns, J.R. Sedell, and R.L. Vannote. 1985. Developments in stream ecosystem theory. *Can. J. Fish. Aquat. Sci.* 42:1045-1055.
72. Cargill, A.S., II, K.W. Cummins, B.J. Hanson, and R.R. Lowry. 1985. The role of lipids as feeding stimulants for shredding aquatic insects. *Freshwat. Biol.* 15:455-464.
73. Cummins, K.W. and M.A. Wilzbach. 1985. Field procedures for analysis of functional feeding groups of stream macroinvertebrates. Univ. of Pittsburgh, PA. 18p.

1986

74. Wilzbach, M.A., K.W. Cummins, and J.D. Hall. 1986. Influence of habitat manipulations on interactions between cutthroat trout and invertebrate drift. *Ecology* 67:898-911.
75. Cummins, K.W., 1986. The role of stream biota in watershed processes. in: Proceedings of the Chaparral Ecosystems Research Conference, May 16- 17, Santa Barbara, Calif., Davis, CA.
76. Harmon, M.E., J.F. Franklin, F.J. Swanson, P. Sollins, S.V. Gregory, J.D. Lattin, N.H. Anderson, S.P. Cline, N.G. Aumen, J.R. Sedell, G.W. Lienkaemper, K. Gromack, Jr., and K.W. Cummins. 1986. Ecology, of coarse woody debris in temperature ecosystems advances in ecological research, Vol. 15:133-275.
77. Cummins, K.W.. 1986. Riparian influence on stream ecosystems. Pp. 45-55 in: Campbell, I.C. (ed.) Stream Protection and Management. Publ. of Water Studies Centre, Chisholm Institute East-Canfield, Australia.

1987

78. Petersen, R.C., Jr., B.L. Madsen, M.A. Wilzbach, C.H.D. Magadza, A. Pearlberg, A. Kullberg, and K.W. Cummins. 1987. Stream Management: Emerging global similarities. *Ambio.* 16:166-179.
79. Cummins, Kenneth W. 1987. The Functional Role of Black Flies in Stream Ecosystems. in: Kim, K.C. and Merritt, R.W. (eds.). Blackflies: ecology, population management, and annotated world list. Penn. State Univ. Press, 528 p.

1988

80. Cummins, K.W., and M.A. Wilzbach. 1988. Do pathogens regulate stream invertebrate populations? *Verh. Int. Verien. Limnol.* 23:1212-1243.
81. Swift, M.C., R.A. Smucker, and K.W. Cummins. 1988. Effects of Dimlin on freshwater litter decomposition. *Environ. Toxicol. Chem.* 7: 161-166.
82. Swift, M.C., K.W. Cummins, and R.A. Smucker. 1988. Effects of Dimlin on stream leaf-litter processing rates. *Verh. Int. Verien. Limnol.* 23: 1255-1260.
83. Wilzbach, M.A., K.W. Cummins, and R.A. Knapp. 1988. Toward a functional classification of stream invertebrate drift. *Verh. Int. Verien. Limnol.* 23:1244-1254.
84. Cummins, K.W., 1988. The Study of Stream Ecosystems: A Functional View. in: Pomeroy, L.R. and J.J. Alberts (eds.). Concepts of Ecosystem Ecology: A Comparative View. Springer-Verlag, London.

85. Cummins, K.W. 1988. Rapid bioassessment using functional analysis of running water invertebrates. Pp. 49-54. in: Simon, T.P., L.L. Holst, and L.J. Shepard (eds.). Proceedings of the First National Workshop Biocriteria. US EPA 905/9-89/003, Washington, DC. 129 p.

1989

86. Merritt, R.W., E.D. Walker, M.A. Wilzbach, K.W. Cummins, and W.T. Morgan. 1989. A broad evaluation of B.T.I. for Black Fly (Diptera: Simuliidae) control in a Michigan river: efficacy, carry and nontarget effects on invertebrates and fish. *J. Am. Mosq. Contr. Assoc.* 5:397-415.
87. Petersen, R.C., K.W. Cummins, and G.M. Ward. 1989. Microbial and animal processing of detritus in a woodland stream. *Ecol. Monogr.* 59:21-39.
88. Cummins, K.W., M.A. Wilzbach, D.M. Gates, J.B. Perry, and W.B. Taliaferro. 1989. Shredders and riparian vegetation. *BioScience* 39:24-30.
89. Wilzbach, M.A. and K.W. Cummins. 1989. An assessment of short-term depletion of stream macroinvertebrate benthos by drift. *Hydrobiologia* 185:29-39.
90. King, D.K. and K.W. Cummins. 1989. Factors Affecting Autotrophic-heterotrophic Community Metabolism Relationships of a woodland stream. *J. Freshwat. Ecol.* 5:219-230.
91. King, D.K. and K.W. Cummins. 1989. Autotrophic-heterotrophic community metabolism relationships of a woodland stream. *J. Freshwat. Ecol.* 5:205-218.
92. King, D.K. and K.W. Cummins. 1989. Estimates of detrital and epilithon community metabolism from particle-sized riffle sediments of a woodland stream. *J. Freshwat. Ecol.* 5:231-246.

1991

93. Campbell, I.C., K.W. Cummins, and K.R. James. 1991. A preliminary investigation of seasonal differences in leaf decomposition patterns in Australian streams. *Verh. Internat. Verein. Limnol.* 24:2070-2075.
94. Cummins, K.W. 1991. Establishing Biological Criteria: Functional views of biotic community organization. Pp. 3-8 in: Marcy, S. and D. Penrose. (eds.). Proceedings of Symposium. Biological Criteria: Research and Regulation. US EPA 440/5-91/005, Washington, DC 171p.
95. Gazzera, S., K.W. Cummins, and G. Salmoiraghi. 1991. A comparison of leaf litter processing in Maryland and Italian streams. *Verh. Int. Verein. Limnol.* 24: 1703-1706.
96. Gregory, S.V., F.J. Swanson, W.A. McKee, and K.W. Cummins. 1991. An Ecosystem Perspective of Riparian Zones. *BioScience* 41:540-551.

1992

97. Cummins, K.W. 1992. Catchment characteristics and river ecosystem: Pp. 125-135 in: Boon, P.J., P. Calow, and G.F. Petts (eds.). River conservation and management. John Wiley & Sons, NY
98. Minshall, G.W., R.C. Petersen, T.L. Bott, C.E. Cushing, K.W. Cummins, R.L. Vannote, and James R. Sedell. 1992. Stream Ecosystem Dynamics of the Salmon River, Idaho: an 8th order system. *J. N. Am. Benthological Society.* 11(2): 111-137.
99. Wallace, J.R., F.O. Howard, H.E. Hays, and K.W. Cummins. 1992. The Growth and Natural History of the Caddisfly *Pycnopsyche luculenta* (Better) (Trichoptera: Limnephilidae). *Journal of Freshwater Ecology*, Vol. 7, No. 4; 399-405.
100. Coffman, W.P., C. De La Rosa, K.W. Cummins, and M.A. Wilzbach 1992. Species Richness in some Neotropical (Costa Rica) and Afrotropical (West Africa) lotic communities of Chironomidae (Diptera). *Netherlands Journal of Aquatic Ecology* 26(2-4) 229-237.
101. Minshall, G. W., R. C. Petersen, T. L. Bott, C. E. Cushing, K. W. Cummins, R. L. Vannote, and J. R. Sedell. 1992. Stream ecosystem dynamics of the Salmon River, Idaho: an 8th-order system. *JNABS* 11: 111 - 137.

1993

102. Cummins, K.W. 1993. Invertebrates. Pp. 234-250 in: Calow, P. and G.E. Petts (eds.). Rivers handbook. Blackwell Scientific Publ. Oxford, U.K.
103. Cummins, K. W. 1993. Riparian-stream linkages: in-stream issues. Pp. 5-20 in: Price, P., S. Bunn, and B. Pusey. (eds.). Ecology and management of riparian zones. Land and Water Resources Research and Development Corp., Canberra and CCISR, Griffith Univ. 208p.
104. Cummins, K. W. 1993. Bioassessment and analysis of functional organization of running water ecosystems. Pp. 155-169 in: Loeb, S. and A. Spacie. (eds.). Biological monitoring of aquatic ecosystems. Lewis Publ., Boca Raton, FL. 381 p.
105. Gazzera, S. B., K. W. Cummins, and G. Salmioraghi. 1993. Elm and maple processing rates: comparison between and within streams. *Annls. Limnol.* 29: 114.

1994

106. Cummins, K. W. 1994. Rivers and streams. Pp. 1206-1207 in: The encyclopedia of the Environment. Houghton Mifflin Co., Boston, MA.
107. Grubbs, S. A. and K. W. Cummins. 1994. A leaf-toughness method for directly measuring the processing of naturally entrained leaf detritus in streams. *J. North. Amer. Benthol. Soc.* 13: 68-73.
108. Grubbs, S. A. and K. W. Cummins. 1994. Processing and macroinvertebrate colonization of black cherry (*Prunus serotina*) leaves in two streams differing in summer biota, thermal regime and riparian vegetation. *Am. Midl. Nat.* 132: 284-293.

1995

109. Cushing, C. E., K. W. Cummins, and G. W. Minshall. (eds.). 1995. Ecosystems of the World Series. Rivers. Elsevier Science, Amsterdam, The Netherlands. 882p.
110. Cummins, K.W., G.W. Minshall, and C.E. Cushing. 1975. Introduction: an overview of stream ecosystems. Pp. 1-8 in: Cushing, C. E., K. W. Cummins, and G. W. Minshall. (eds.). Ecosystems of the World Series. Rivers. Elsevier Science, Amsterdam, The Netherlands. 882p.
111. Cummins, K. W. and C. N. Dahm. 1995. Introduction: Restoring the Kissimmee . *J. Restoration Ecol.* 3:47-148.
112. Dahm, C. N., K. W. Cummins, H. M. Valett, and R. L. Coleman.. 1995. An ecosystem view of the restoration of the Kissimmee River. *J. Restoration Ecol.* 3: 225-238.
113. Harris, S. C., T. H. Martin, and K. W. Cummins. 1995. A model for aquatic invertebrate response to Kissimmee River restoration. *J. Restoration Ecol.* 3: 181 - 194.
114. Raikow, D. F., S. A. Grubbs, and K. W. Cummins. 1995. Factors that affect coarse particulate organic matter retention in an Appalachian mountain stream. *J. North. Amer. Benthol. Soc.* 14: 535-546
115. Grubbs, S. A., R. E. Jackson, and K. W. Cummins. 1995. Colonization by Chironomidae (Insecta, Diptera) on three distinct leaf substrates in an Appalachian stream. *Annls Limnol.* 31: 105-118.

1996

116. Merritt, R. W. and K. W. Cummins. 1996. (eds.). An introduction to the aquatic insects of North America (3rd edition). Kendall/Hunt Publ. Co., Dubuque, IA (revised 3rd edition). 862 p.
117. Merritt, R. W. and K. W. Cummins. 1996. Introduction. Pp. 1-4 in: Merritt, R. W. and K. W. Cummins. 1986. (eds.). An introduction to the aquatic insects of North America (2nd edition). Kendall/Hunt Publ. Co., Dubuque, IA 862p.
118. Cummins, K. W. and R. W. Merritt. 1996 General morphology of aquatic insects. Pp. 5-11 in: Merritt, R. W. and K. W. Cummins. 1984. (eds.). An introduction to the aquatic insects of North America (2nd edition). Kendall/Hunt Publ. Co., Dubuque, IA 862p.
119. Merritt, R. W., K. W. Cummins, and V. H. Resh. 1996. Design of aquatic insect studies: collecting, sampling, and rearing procedures. Pp. 12-28 in: Merritt, R. W. and K. W.

- Cummins. 1984. (eds.). An introduction to the aquatic insects of North America (2nd edition). Kendall/Hunt Publ. Co., Dubuque, IA 862p.
120. Cummins, K. W. and R. W. Merritt. 1996 Ecology and distribution of aquatic insects. Pp. 74-86 *in*: Merritt, R. W. and K. W. Cummins. 1986. (eds.). An introduction to the aquatic insects of North America (2nd edition). Kendall/Hunt Publ. Co., Dubuque, IA 862p.
121. Merritt, R.W. and K.W. Cummins. 1996. Trophic relations of macroinvertebrates. Pp. 453-474 *in*: Hauer, F.R. and G.A. Lamberti. (eds.). Methods in stream ecology. Academic Press, San Diego, CA.
122. Merritt, R.W., J.R. Wallace, M.J. Higgins, M.K. Alexander, M.B. Berg, W.T. Morgan, K.W. Cummins, and B. VandenEeden. 1996. Procedures for the functional analysis of invertebrate communities of the Kissimmee River-floodplain ecosystem. Florida Scientist 59:216-274.
123. Grubbs, S.A. and K.W. Cummins. 1996. Linkages between riparian forest composition and shredder voltinism. Arch. Hydrobiol. 137:39-58.

1999

124. Merritt, R. W., M. J. Higgins, K. W. Cummins, and B. VandenEeden. 1999. The Kissimmee River riparian marsh ecosystem, Florida: seasonal differences in invertebrate functional feeding group relationships. Pp55-79 *in*: Batzer, D. P., R. B.Rader, and S. A, Wissinger. (eds.). Invertebrates of freshwater wetlands of North America. John Wiley & sons, N.Y.
125. Cummins, K. W. 1999. Evaluation of the restoration of the Kissimmee River in South Florida. Pp 1-20 *in*: Hamilton, S. W., D. S. White, E. W. Chester, and M. T. Finley. (Eds.). Proc. 8th Symposium Natural History of the Lower Tennessee and Cumberland River valleys. Austin Peay State University, the Center for Field Biology, Clarksville, TN. 166p.

2000

126. Wilzbach, M. A., K. W. Cummins, L. Rojas, P. Rudershausen, and J. Locascio. 2000. The seagrass community of Tarpon Bay in the J. N. "Ding" Darling National Wildlife Refuge. Pp 125-135 *in* Bortone, S. A. (ed.). Tropical and subtropical seagrass management ecology: responses to environmental stress. CRC Press, Boca Raton, FL.
127. Cummins, K. W. and R. W. Merritt. 2000. Application of invertebrate functional groups to wetland ecosystem function and biomonitoring. Pp.xx-xx *in* Rader, R. B., D. P. Batzer, and S. A. Wissinger. (Eds.). Biomonitoring and management of North American wetlands. John Wiley & Sons, Inc., N. Y. *in press*.

2002

128. Cummins, K. W. 2002. Riparian-stream linkage paradigm. Verh. Int. Verien. Limnol. 28: 49-58.
129. Brock, J. T. and K. W. Cummins. 2002. Ecosystem metabolism in the Kissimmee River, South Florida, USA. Verh. Int. Verien. Limnol. 28: 680-686.
130. Wilzbach, M. A., K. W. Cummins, T. K. Barnes, and J. Trexler. 2002. Channel-floodplain coupling in the Kissimmee River , Florida (USA): invertebrate movement and fish feeding. Verh. Int. Verien. Limnol. 28: 164-172

131. Merritt, R. W., K. W. Cummins, M. B. Berg, J. A. Novak, M. J. Higgins, K. J. Wessell, and J. L. Lessard. 2002. Development and application of a macroinvertebrate functional groups approach in the bioassessment of remnant oxbows in the Caloosahatchee River, Southwest Florida. *JNABS* 21:290-310.

2004

132. Belovsky, G. E., D. B. Botkin, T. Crowl, K. W. Cummins, J. Franklin, M. Hunter, A. Joern, D. B. Lindenmayer, J. MacMahon, C. Margules, and M. Scott. 2004. Ten suggestions to strengthen the science of ecology. *BioScience* 54: 345-351.
133. Ambrose, H. E., M. A. Wilzbach, and K. W. Cummins. 2004. Periphyton response to increased light and salmon carcasses in northern California streams. *J. North Amer. Benthol. Soc.* 23: 701-712.
134. Lessard, J. L., R. W. Merritt, and K. W. Cummins. 2004. Spring growth of caddisflies (Limnephilidae: Trichoptera) in response to marine-derived nutrients and food type in a southeast Alaskan stream. *Ann. Limnol* 39: 3-14.

2005

135. Cummins, K. W., R. W. Merritt, and P. Andrade. 2005. The use of invertebrate functional groups to characterize ecosystem attributes in selected streams and rivers in southeast Brazil. 2004. *Studies on Neotropical Fauna and Environment* 40: 69-89.
136. Wilhelm, J. G. O., J. D. Allan, K. J. Wessell, R. W. Merritt, and K. W. Cummins. 2005. Habitat assessment of non-wadeable rivers in Michigan. *Environmental Mgt.* 36:592-609.
137. Cummins, K. W. and M. A. Wilzbach. 2005. The inadequacy of the fish-bearing criterion for stream management. *Aquatic Sci.* 67: 486-491.
138. Botkin, D. B. and K. W. Cummins. 2005. Clouds among the ecological visions. *BioScience* 55: 7-9.

2006

139. Cushing, C. E., K. W. Cummins, and G. W. Minshall. (eds.). 2006. River and stream ecosystems of the world. Univ. Cal. Press, Berkeley, CA. 817p.
140. Wessell, K. J., R. W. Merritt, J. G. O. Wilhelm, J. D. Allen, K. W. Cummins, and D. G. Uzarski. 2006. Biological evaluation of Michigan's non-wadeable rivers using macroinvertebrates. *Aquatic Ecosystem Health & Management* 11: 335-351

2008

141. Merritt, R.W. and K.W. Cummins. 2006. Trophic relations of macroinvertebrates. Pp. 585-609 *in*: Hauer, F.R. and G.A. Lamberti. (eds.). *Methods in stream ecology*. Academic Press, San Diego, CA.
142. Merritt, R. W., K. W. Cummins, and M. B. Berg. (eds.). 2008. An introduction to the aquatic insects of North America (4th edition). Kendall/Hunt Publ. Co., Dubuque, IA.

2009

143. Kondolf, G. M., P. Angermeir, K. Cummins, T. Dunne, M. Healey, W. Kimmerer, P. Moyle, D. Murphy, D. Patten, S. Railsback, D. Reed, R. spies, and R. Twist. 2008. Prioritizing river restoration: projecting cumulative benefits of multiple projects. *Environ. Mgt. in press.*