

# Christopher Thomas Robinson

## PUBLICATIONS

### 1986-1992: Pre-PhD

1. **Robinson, C.T.** and G.W. Minshall. 1986. Effects of disturbance frequency on stream benthic community structure in relation to canopy cover and season. *Journal of the North American Benthological Society* 5:237-248.
2. **Robinson, C.T.** and S.R. Rushforth. 1987. Effects of physical disturbance and canopy cover on attached diatom community structure in an Idaho stream. *Hydrobiologia* 154:49-59.
3. **Robinson, C.T.** and S.R. Rushforth. 1989. Diatom flora of Mink Creek, Idaho, USA. *The Great Basin Naturalist* 49:155-158.
4. Minshall, G.W., D.A. Andrews, J.T. Brock, **C.T. Robinson** and D.E. Lawrence. 1989. Changes in wild trout habitat following forest fire. *Wild Trout IV Symposium*. pages 111-119.
5. Hart, D.D. and **C.T. Robinson**. 1990. Resource limitation in a stream community: effects of phosphorus enrichment on periphyton and grazers. *Ecology* 71:1494-1502.
6. **Robinson, C.T.**, G.W. Minshall and S.R. Rushforth. 1990. Seasonal colonization dynamics of macroinvertebrates in an Idaho stream. *Journal of the North American Benthological Society* 9:240-248.
7. **Robinson, C.T.** and G.W. Minshall. 1990. Longitudinal development of macroinvertebrate communities below oligotrophic lake outlets. *The Great Basin Naturalist* 50:303-311.
8. **Robinson, C.T.**, L.M. Reed and G.W. Minshall. 1992. Influence of flow regime on life history, production, and genetic structure of Baetis tricaudatus (Ephemeroptera) and Hesperoperla pacifica (Plecoptera). *Journal of the North American Benthological Society* 11:279-291.

### 1994: Post-PhD

9. **Robinson, C.T.**, S.R. Rushforth and G.W. Minshall. 1994. Effects of the 1988 wildfires on diatom assemblages in streams of Yellowstone National Park. Pages 247-258, In D. Despain (ed.) *Plants and Their Environments: Proceedings of the 1st Biennial Scientific Conference on the Greater Yellowstone Ecosystem*. Technical Report NPS/NRYELL/NRTR.
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11. **Robinson, C.T.**, S.R. Rushforth and G.W. Minshall. 1994. Diatom assemblages of streams influenced by wildfire. *Journal of Phycology* 30:250-259.

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12. Minshall, G.W., **C.T. Robinson**, T.V. Royer and S.R. Rushforth. 1995. Benthic community structure in two adjacent streams five years following wildfire. *The Great Basin Naturalist* 55:193-200.
13. **Robinson, C.T.**, S.R. Rushforth and R. Liepa. 1995. Relationship of land use to diatom assemblages of small streams in Latvia. Pages 47-59, In P. Kociolek and M. Sullivan (eds.), *Reimer and Patrick Festschrift*, Otto

Koeltz Publ., Berlin.

14. **Robinson, C.T.** and G.W. Minshall. 1995. Effects of open-range livestock grazing on stream communities. Pages 145-154, In Animal Waste and the Land-Water Interface. K. Steele (ed.). Lewis Publishers, NY.

#### 1996

15. Koetsier, P., G.W. Minshall and **C.T. Robinson**. 1996. Benthos and macroinvertebrate drift in six streams differing in alkalinity. *Hydrobiologia* 317:41-49.
16. **Robinson, C.T.**, S.R. Rushforth and G.W. Minshall. 1996. Diatom assemblages in Cache Creek, Yellowstone National Park following the 1998 wildfires. Pages 77- 81, in: J. M. Greenlee (editor), The ecological implications of fire in Greater Yellowstone, International Association of Wildland Fire, Fairfield, Washington.
17. Mihuc, T., G.W. Minshall and **C.T. Robinson**. 1996. Response of benthic macroinvertebrate populations in Cache Creek, Yellowstone National Park to the 1988 wildfires. Pages 83-94, in: J. M. Greenlee (editor), The ecological implications of fire in Greater Yellowstone, International Association of Wildland Fire, Fairfield, Washington.
18. **Robinson, C.T.** and G.W. Minshall. 1996. Physical and chemical responses of streams in Yellowstone National Park following the 1988 wildfires. Pages 217-221, in: J. M. Greenlee (editor), The ecological implications of fire in Greater Yellowstone, International Association of Wildland Fire, Fairfield, Washington.

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19. Maret, T.R., **C.T. Robinson** and G. W. Minshall. 1997. Fish assemblages and associated environmental correlates in least-disturbed streams of the Upper Snake River basin, western USA. *Transactions of the American Fisheries Society* 126:200-216.
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21. Tockner, K., F. Malard, P. Burgherr, **C.T. Robinson**, U. Uehlinger, R. Zah and J.V. Ward. 1997. Characteristics of channel types in a glacial floodplain ecosystem (Val Roseg, Switzerland). *Archiv für Hydrobiologie* 140: 433-463.
22. Minshall, G.W., **C.T. Robinson** and D.E. Lawrence. 1997. Immediate and mid-term responses of lotic ecosystems in Yellowstone National Park, USA to wildfire. *Canadian Journal Fisheries and Aquatic Sciences* 54:2509-2525.

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23. Minshall, G.W. and **C.T. Robinson**. 1998. Macroinvertebrate community structure in relation to measures of lotic habitat heterogeneity. *Archiv für Hydrobiologie* 141:129-151.
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27. **Robinson, C.T.** and G.W. Minshall. 1998. Macroinvertebrate communities, secondary production, and life history patterns in two adjacent streams in Idaho, USA. *Archiv für Hydrobiologie* 142:257-281.
28. **Robinson, C.T.**, M.O. Gessner and J. V. Ward. 1998. Leaf breakdown and associated macroinvertebrates in alpine glacial streams. *Freshwater Biology* 40:215-228.
29. Minshall, G.W., **C.T. Robinson** and T.V. Royer. 1998. Stream ecosystem responses to the 1988 Wildfires. *Yellowstone Science* 6: 15-22.
30. Gessner, M.O., **C.T. Robinson** and J.V. Ward. 1998. Leaf breakdown in streams of an alpine glacial flood plain: Dynamics of fungi and nutrients. *Journal of the North American Benthological Society* 17:403-419.

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31. **Robinson, C.T.** and P. Burgherr. 1999. Seasonal disturbance of a lake outlet community. *Archiv für Hydrobiologie* 145:297-315.

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### 2001

38. Royer, T.V., **C.T. Robinson** and G.W. Minshall. 2001. Development of a macroinvertebrate-based index for the bioassessment of large rivers. *Environmental Management* 27:627-636.
39. Davis, J.C., G.W. Minshall, **C.T. Robinson** and P. Landres. 2001. Monitoring wilderness stream ecosystems. Gen. Tech. Rep. RMRS-GTR-70. Ogden, UT: U. S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 137 p. (**book**)
40. Minshall, G.W., **C.T. Robinson**, D.E. Lawrence, D.A. Andrews and J.T. Brock. 2001. Benthic macroinvertebrate assemblages in five central Idaho (USA) streams over a 10-year period following disturbance by wildfire. *International Journal of Wildland Fire* 10:201-213.
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46. Hieber, M., **C.T. Robinson**, S.R. Rushforth and U. Uehlinger. 2001. The structure of algal assemblages in alpine lotic systems of the Swiss Alps. *Arctic, Antarctic, and Alpine Research* 33:447-456.
47. **Robinson, C.T.**, U. Uehlinger and M. Hieber. 2001. Spatial and temporal variation in macroinvertebrate assemblages of glacial streams in the Swiss Alps. *Freshwater Biology* 46:1663-1672.

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66. Tockner, K., **C.T. Robinson** and P. Burgherr. 2003. Drift and colonization dynamics. - In: Ward, J. V. and Uehlinger, U. (eds.), Ecology of a glacial flood plain. Kluwer, pp. 243-256.
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### Misc. Reports: 2011-2012 for Project Alp Water Scarce

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- Doering, M., **Robinson, C.T.** et al. (2011): Work Package 7: Optimal ecological discharge. Final report for AlpWaterScarce.
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