

## David G. Patriquin: Publications, Selected Reports & Articles

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### 1. Teaching

Chen, L., Gass, G. And D. Patriquin. 2008. **The hands-on challenge in online introductory biology classes.** *Focus* (Dalhousie University) 16(2): 6

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Patriquin, D.G. 2001. **Web Literacy in the Science Curriculum.** In: *Proceedings of the Atlantic Universities' Teaching Showcase 2000* (J. Hill and D. Novo, eds), Association on Atlantic Universities and Mount Saint Vincent University, Halifax, Canada, pp 181-191.

Patriquin, David G. 1999. **Using the Web to promote collaborative learning and academic critique.** In: *Atlantic Universities' Teaching Showcase 1998*. (J. Gordon and D. Novo, Eds), Association on Atlantic Universities and Mount Saint Vincent University, Halifax, Canada, pp 181-191.

### 2. Marine & Aquatic Ecology, Terrestrial Ecology, Nitrogen Fixation

Linda M Campbell, David Patriquin, Michael Agbetti. 2025. **Unusually late occurrence of a *Dolichospermum* bloom in a Nova Scotia lake.** *Harmful Algae News* No 78, 2025, pp 10-11

Patriquin, D., Scheibling, Robert E. and Filbee-Dexter, Karen. 2024. **Shifts in biodiversity and physical structure of seagrass beds across 5 decades at Carriacou, Grenadines.** *PLoS ONE* 19(8): e0306897. <https://doi.org/10.1371/journal.pone.0306897>

Scheibling, Robert E., Patriquin, David G, and Filbee-Dexter, Karen. 2018. **Distribution and abundance of the invasive seagrass *Halophila stipulacea* and associated benthic macrofauna in Carriacou, Grenadines, Eastern Caribbean.** *Aquatic Botany* 144: 1-8

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- Hill, N.M. and D.G. Patriquin. 1990. **Increased oxygen consumption at warmer temperatures favors aerobic nitrogen fixation in plant litters.** *Soil Biology and Biochemistry* 22: 321-325.
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### 3. Agriculture & Horticulture

Liu, K.K.L., A. Hammermeister, D. Patriquin and R. Martin. 2008. **Assessing organic potato cropping systems at the end of the first cycle of four-year rotations using principal component analysis.** *Canadian Journal of Soil Science* 88: 543-552

MacLeod, M, Cohen, and D, Patriquin. 2007. **Farmers' Perspectives on Education related to Organic Agriculture in Nova Scotia.** In: *Academic Conference Proceedings of Salt of the Earth: Creating a Culture of Environmental Respect and Sustainability* (White Point N.S. Oct. 2006), pp 49-56.

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**Patriquin, D.G. 2001. Systems for sustainable agriculture: approaches, tradeoffs and needs.** In: *Exploring Sustainable Alternatives, An Introduction to Sustainable Agriculture*. Edited by H. Haidn. Canadian Centre for Sustainable Agriculture, Saskatoon, Saskatchewan. Pages 95-104.

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#### 4. Articles Related to Organic Farming - partial

**Managing soils for effective pest control.** *EcoFarm and Garden*, Spring, 2003, pp 38-43. Reprinted in *The Organic Companion: Gleanings from Canadian Organic Growers*. Edited by J. Wallace. Published by The Canadian Organic Growers, 2005, pp. 185-191.

**Reducing the risks from E. coli 0157 on the organic farm.** *EcoFarm & Garden*, Summer 2000, pp 27-35.

**Livestock in the nutrient balance on the farm.** *Maine Organic Farmer and Gardener*, Jun./Aug. 1995, pp 28-29.

**The ecology of transition.** *COGnition*, 12(4) Oct. 1988, pp 8-13. **Danger -- nitrates!** *Rural Delivery*, Dec. 1984, pp 12-15.

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