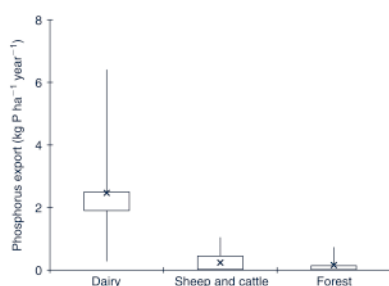


Cover

Relatively small variations in water chemistry determine community composition and diversity of benthic diatoms from lakes and tarns in alpine areas of Tasmania and New Zealand. This clear provinciality underscores the need for continued protection and conservation of these high latitude aquatic ecosystems. Read more in Vanhoutte *et al.* (p. 789).



Drewry *et al.* (p. 757) review the generation of nitrogen and phosphorus from land use and their export to waterways. They conclude that catchment models need to include the effects of rainfall and hydrology, dissolved P and N losses from pastures and event-based catchment-scale loads.

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