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**Cover image:** A wildfire lingers inside a *Pinus ponderosa* tree in Western Oregon, USA. This high-severity patch experienced nearly complete tree mortality and consumption of surface fuels in September 2007. Mixed-severity fire regimes are characterized by landscape mosaics of low, moderate and high burn severity and wide variations in fire frequency. Donato *et al.* (p. 142) investigate how a short time interval between high-severity events influences vegetation response in a mixed-evergreen forest. Photo: Garrett Meigs.



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- The scaling of seed size
- Predicting the effects of urban environments on floras
- Multiple interactions determine the consequences of a defence metabolite
- Growth and carbon relations of tree-line forming conifers
- Ant–plant mutualism and optimal defence theory



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