



**Cover:** An intertidal zone porcelain crab (*Petroliastes cinctipes*) displaying the red highlights on the mouthparts and claw that are characteristic of this species. Intertidal zone organisms experience high variability in environmental conditions such as temperature and pH, and that variability is expected to increase as atmospheric carbon dioxide continues to rise. In this issue, Paganini et al. (pp. 3974–3980) show that under increased variability of temperature and pH these crabs have metabolic responses that could be ecologically unsustainable because of reduced overall energy availability and greater energy expenditure for basal maintenance. Photo credit: Adam Paganini.

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