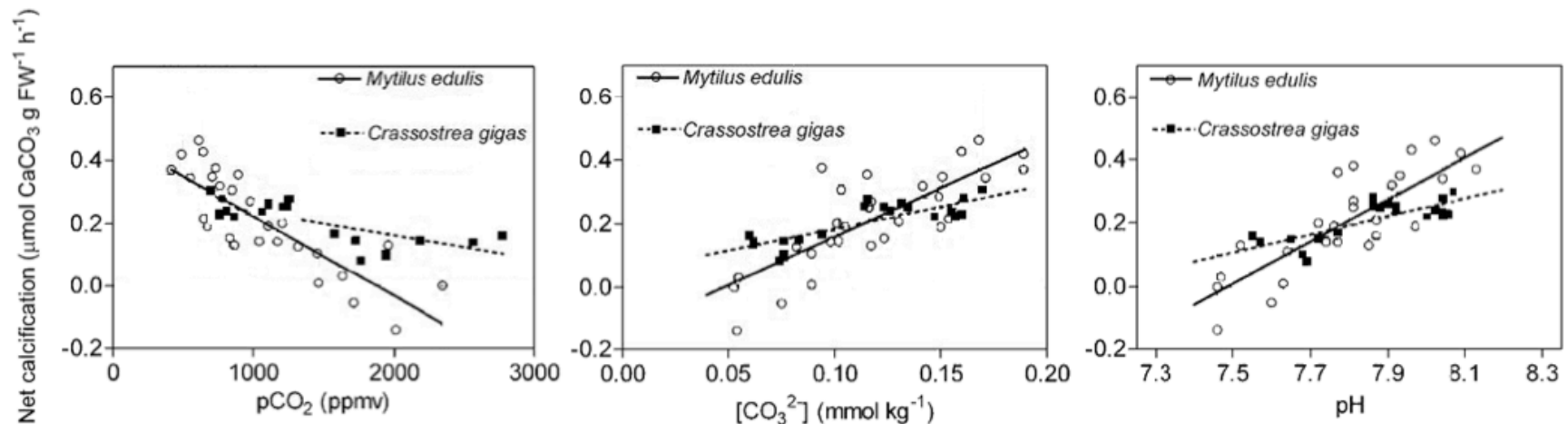


Ocean Acidification & Calcifying Organisms Data Figure

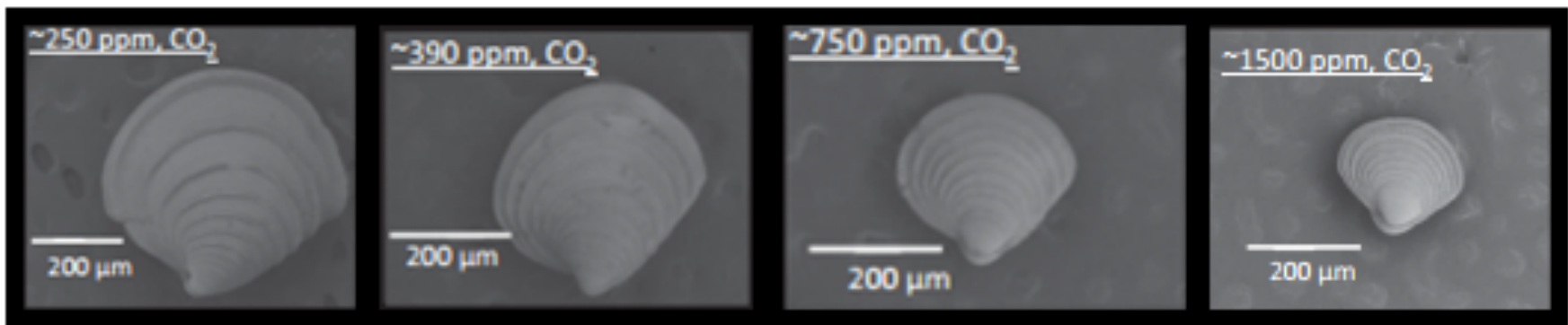
Net Calcification, CO₂, Carbonate (CO₃²⁻), and pH - The graphs show the relationship between net calcification and partial pressure CO₂, carbonate ion concentration, and pH for *Mytilus edulis* (blue mussel) and *Crassostrea gigas* (pacific oyster).



(Gazeau, F., C. Quiblier, J.M. Jansen, J.-P. Gattuso, J.J. Middelburg, and C.H.R. Heip. 2007. Impact of elevated CO₂ on shellfish calcification. *Geophysical Research Letters*. 34.)

Ocean Acidification & Calcifying Organisms Data Figure

***M. mercenaria* Grown Under Different CO₂ Concentrations** – Scanning electron microscopy (SEM) images of *M. mercenaria* (saltwater clam species) grown in different CO₂ levels for 36 days ranging from 250-1500ppm.



(Talmage, S.C. and C.J. Gobler. 2010. Effects of past, present, and future ocean carbon dioxide concentrations on the growth and survival of larval shellfish. *Proceedings of the National Academy of Sciences*. 107:40.)