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- Effect of ocean acidification on biogeochemical processes in the North Pacific.
- Alkalinity increases with OA signals.
- Between 1991 and 2015, ocean alkalinity increased in several areas.
- Along the 26.8 isopycnal, weak alkalinity increases were observed in conjunction with a shoaling of the aragonite saturation horizon.

Pteropods quickly dissolve along the newly-developed undersaturation saturation region.