

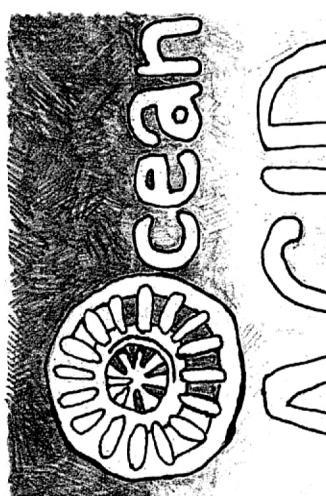
By the end of this century, acid rain will be too acidic to support corals and other organisms. Climate scientists predict that the waters around

Ocean acidification

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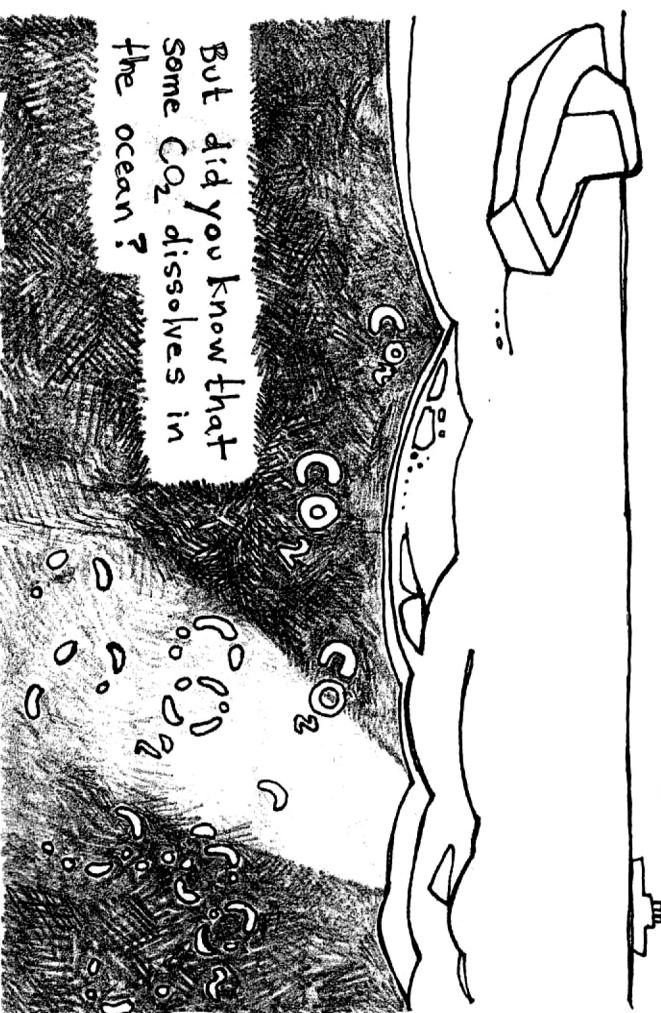
The consequences are horrific:
millions of species with CaCO_3 shells or skeletons, and those species who depend on those species are predicted to go extinct.



You might already know that the greenhouse gas, carbon dioxide (CO_2), causes global warming.

When CO_2 dissolves in the ocean, it produces Carbonic acid (H_2CO_3), which makes the ocean more acidic.

This rise in acidity reduces the number of calcium carbonate (CaCO_3) building blocks available for animals to form shells.



But did you know that some CO_2 dissolves in the ocean?

