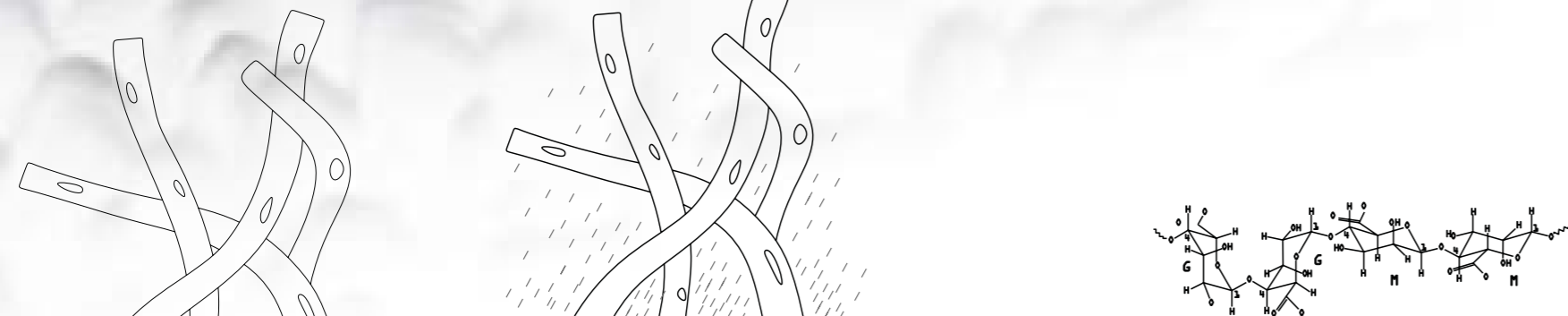
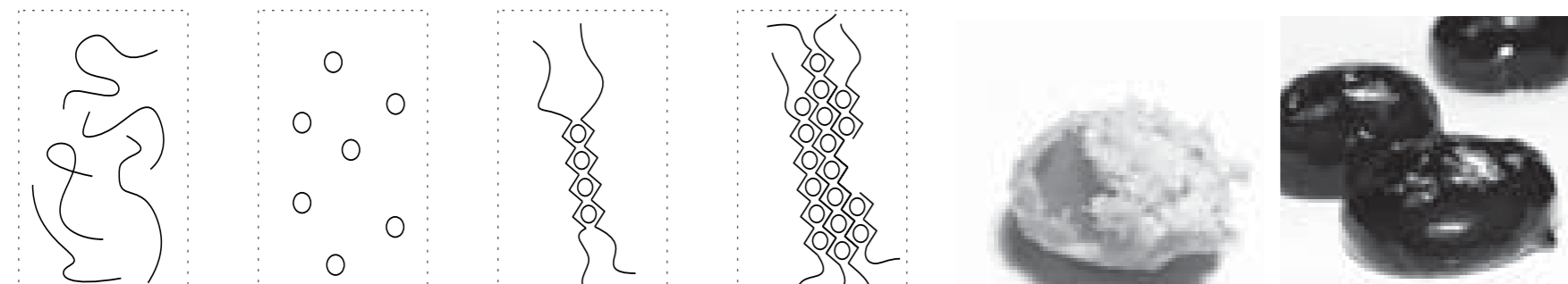


rhodophytes; red algae have contributed far more to reef structure than other organisms, these reef-building rhodophytes secrete a hard shell of **calcium carbonate** around themselves. (Ca²⁺), **carrageen** emitter



phacophyceae or brown algae, is a large group of mostly marine multicellular algae, including many seaweeds **alginate** emitters



alginate reacts with **calcium** and creates strong and flexible gelly structures, termostables, study experiments, espherifications of mango and blackberry.

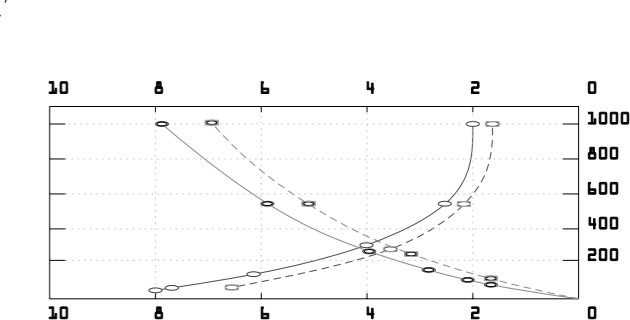


hydrogen metabolites, filled with super-efficient phytoplankton, a layer of gelly, produced by the reaction of the alginate (brown algae) and the calcium (red algae), reinforced with carrageen from the same algae too. the gelly give a deprived of sulfur ambient for the phytoplankton, increase of effectivity for the water division, also powered with argon to optimize the hydrogen extraction once in the plant, the gelly is not just a place holder but a production magnifier.

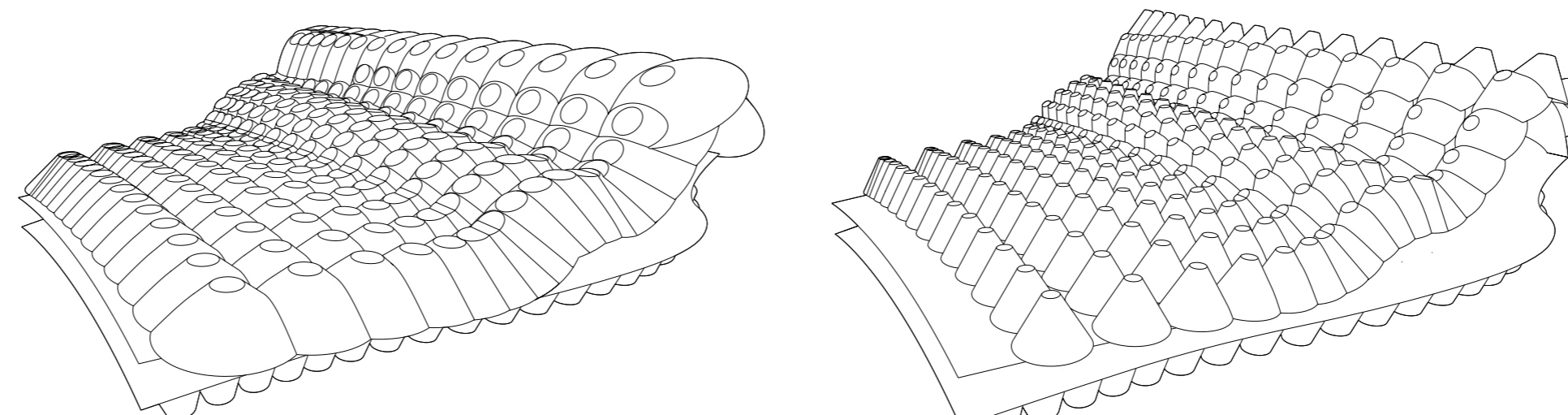
a small culture of **phytoplankton** is placed in, with optimized conditions (see left graph).

spongy cone, absorption of phytoplankton through the algae alginates
brown algae, they need light and apport alginate and also filtrate.
whater with gas (H₂O+CO₂) apportation, help for the fixation of the hydrogen
red algae, calcium apportation and carrageen, gellyfication to help the culture holder structure
strong cone, structure reinforced with the calcium fixation, the plankton culture descent, and reacts with it, espherifying it, to help hydrogen transportation.

the basins are powered with fresh, clean water from the **hydro-plant** and mixed with CO₂, excedent from the industries around.



optimization of the phytoplankton culture, accumulative in the center the most efficient phyto (H⁺), less light and most concentration of CO₂.



parametric design for the creation of the interior and exterior pattern, gaining adaptability during the different seasons, according with the different steps of algae grow, the use of "evolutionary computation" makes architecture part of the "natural" system.

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