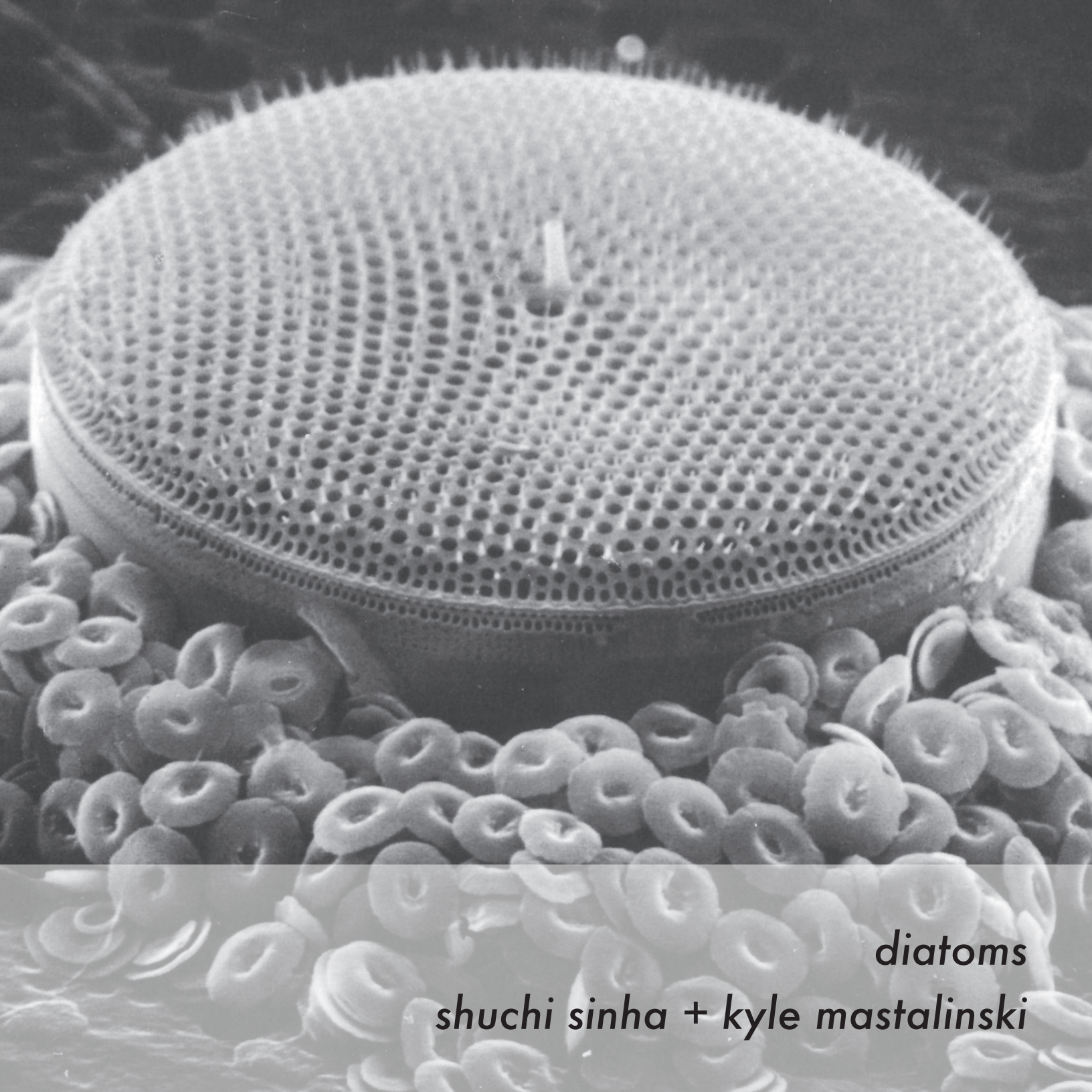




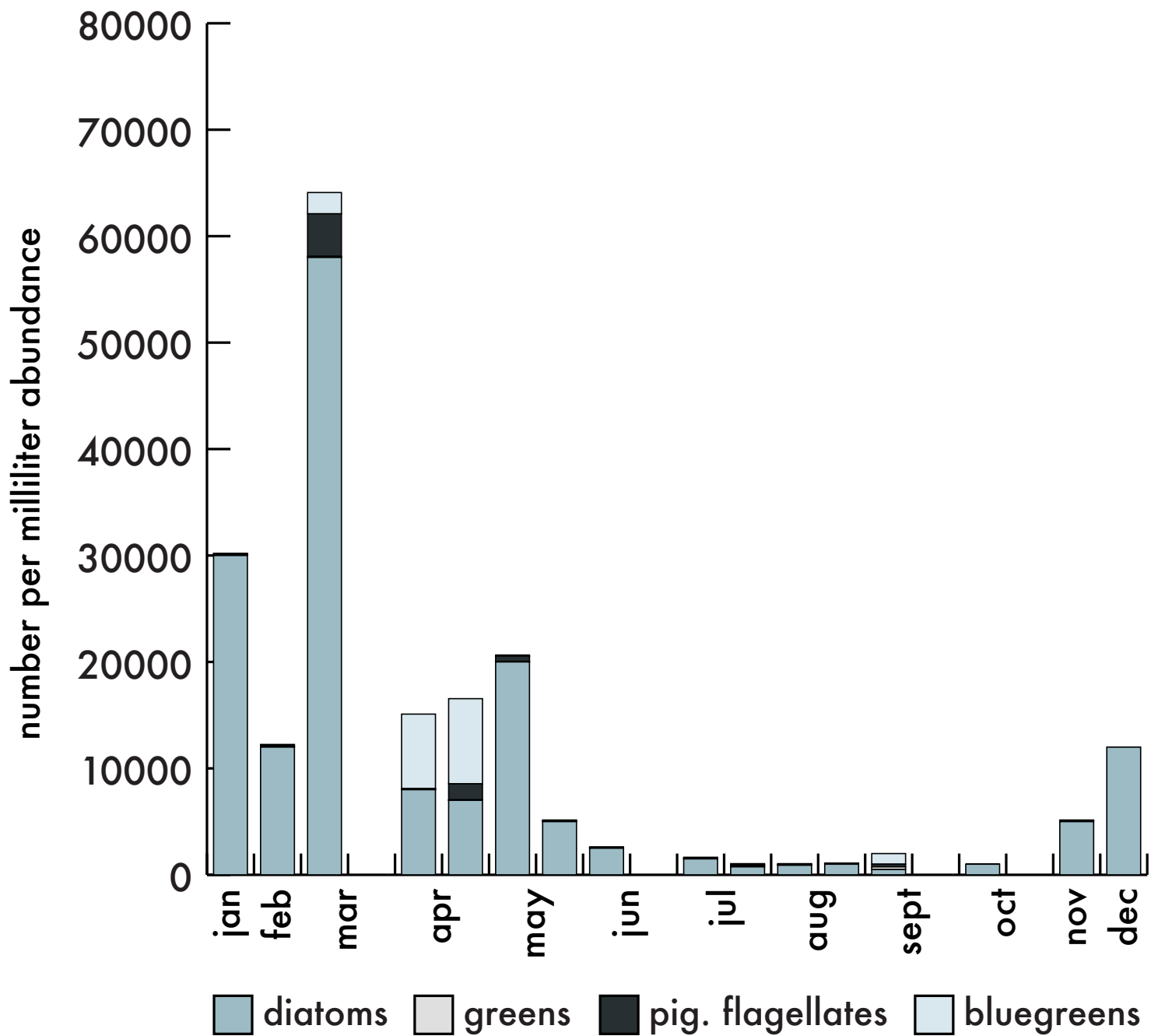
diatoms

shuchi sinha + kyle mastalinski

diatoms: unicellular type of algae

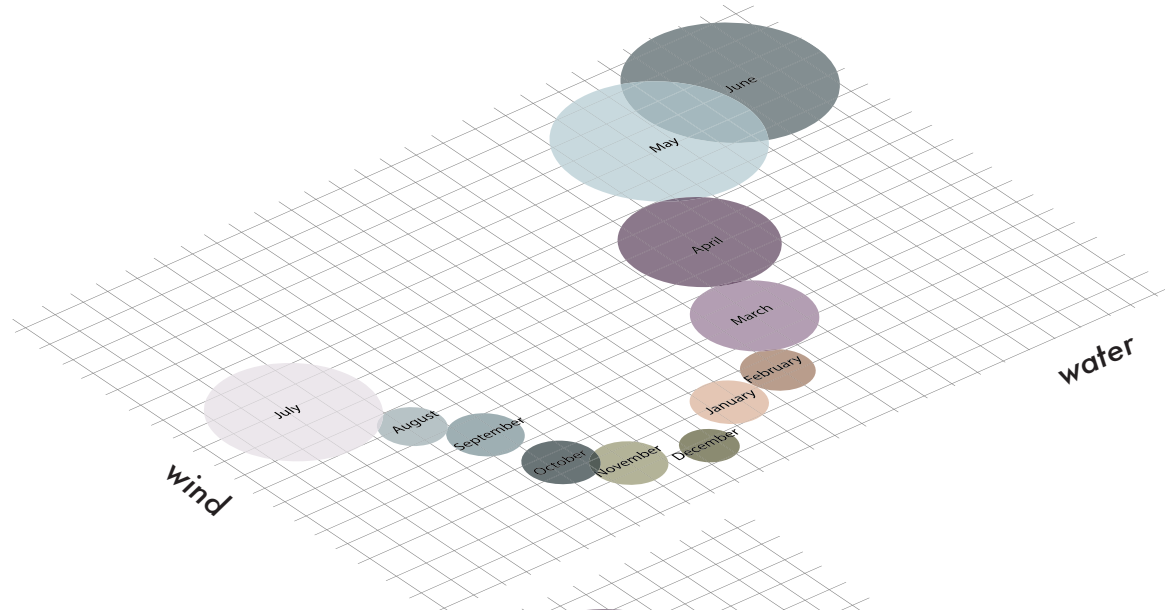
*variables: sea level depth
water turbulence*

*parameters: availability of nutrients
light
temperature
rainfall
season*

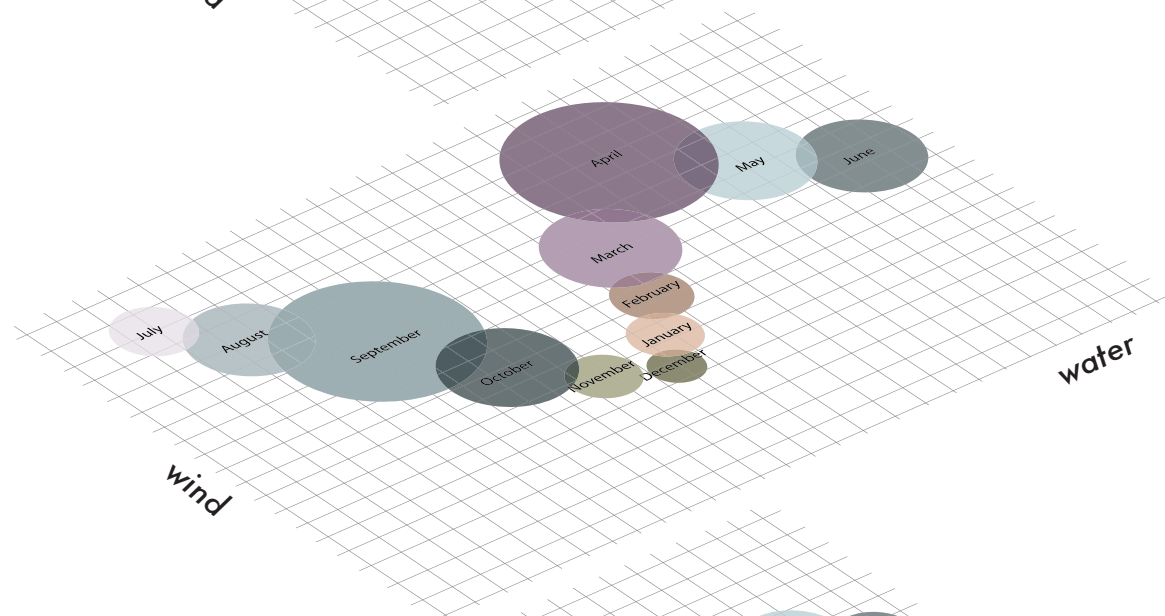


phytoplankton community structure

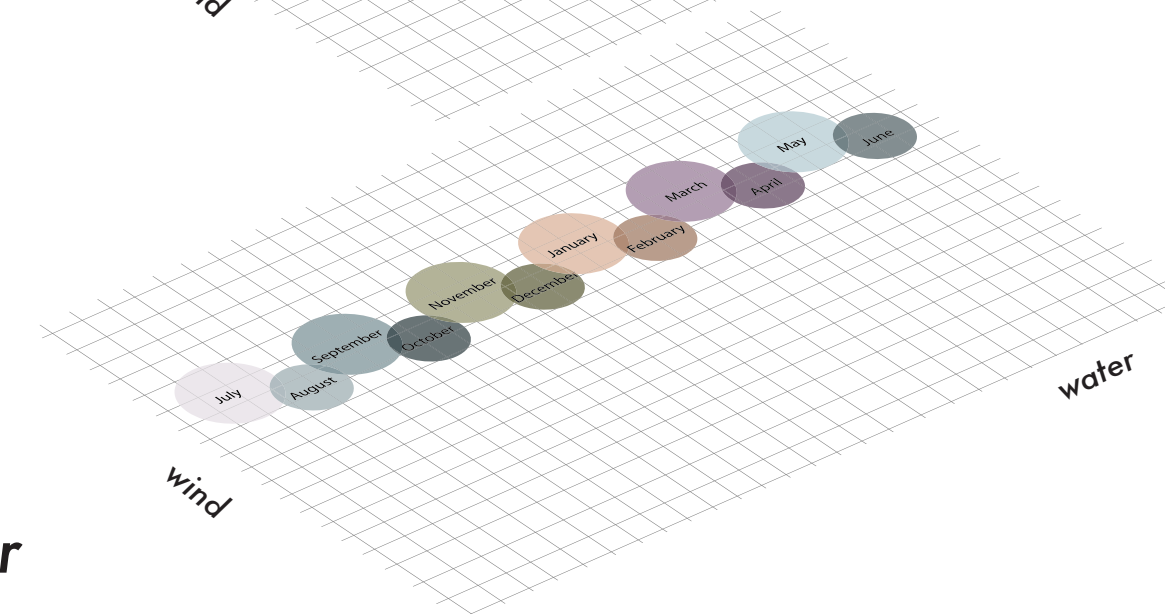
polar



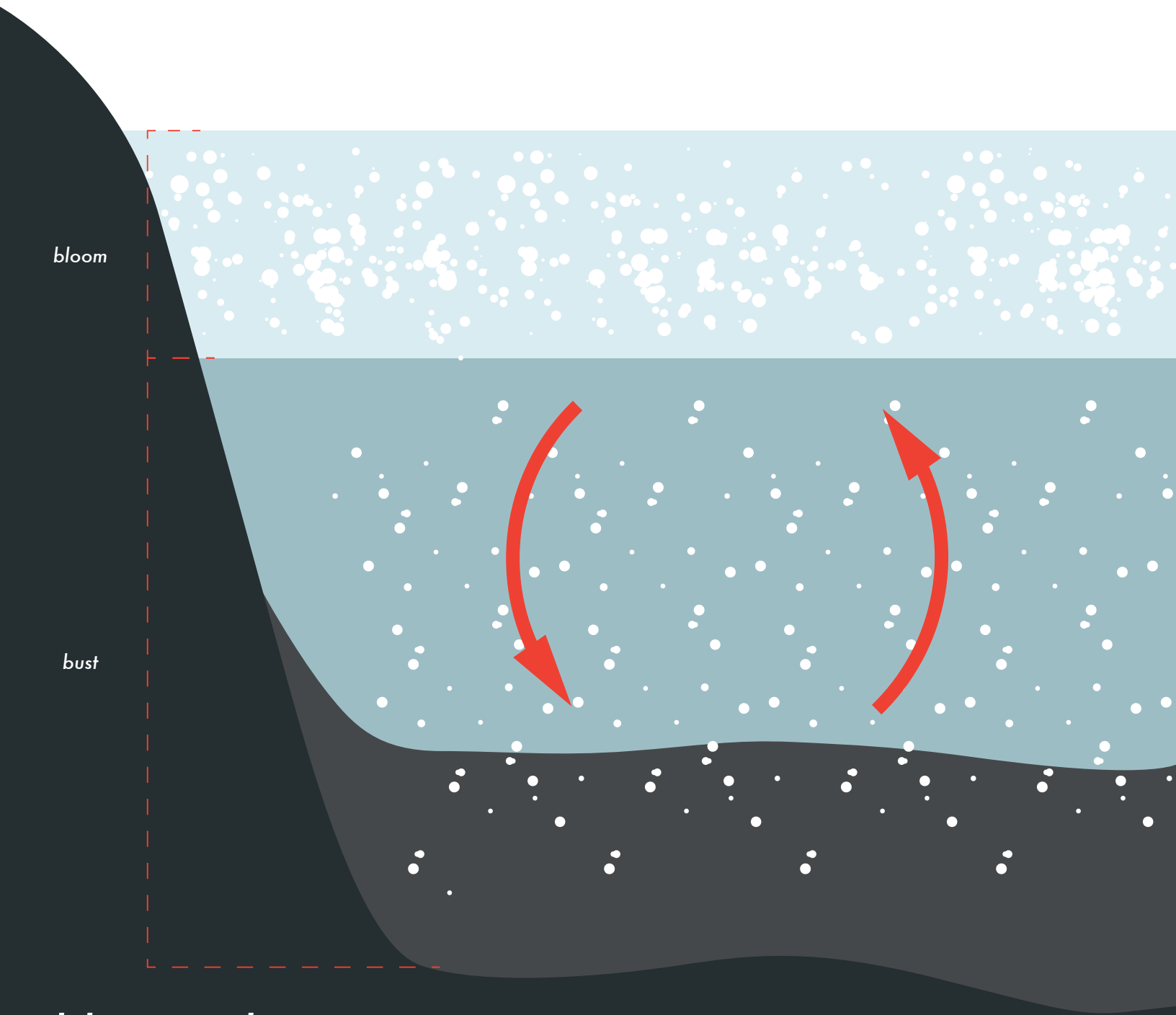
temperate



tropical



behavior



bloom

bust

bloom + bust



bloom: stage 1

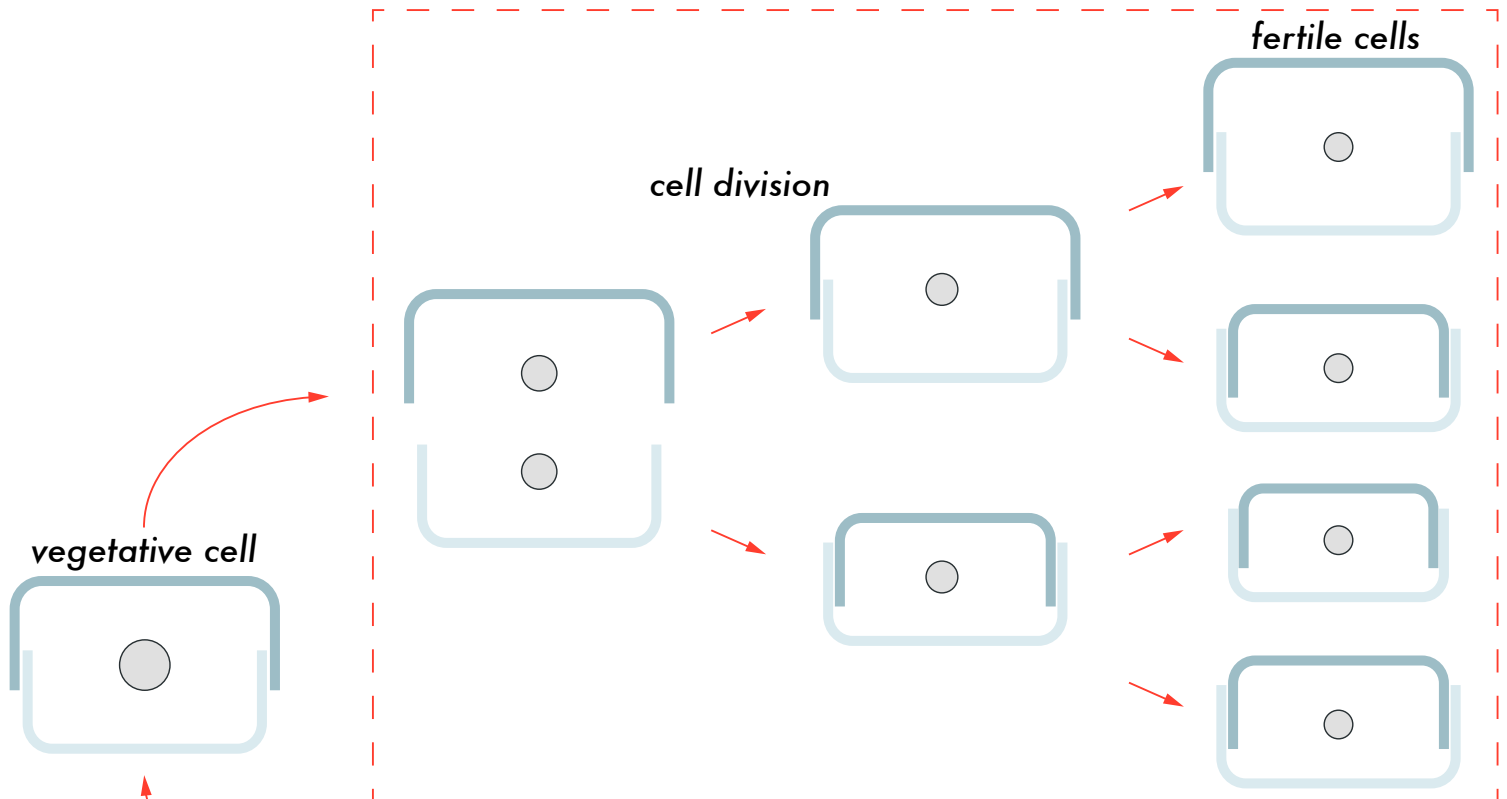


bloom: stage 2

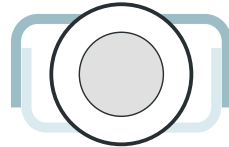


bloom: stage 3

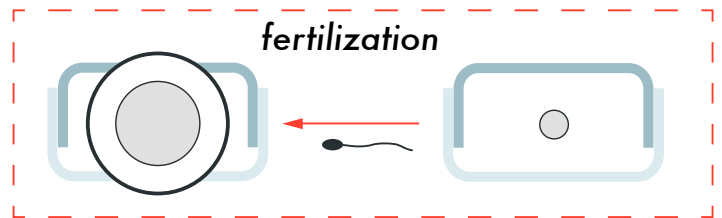
asexual reproduction



auxospore



fertilization



sexual reproduction

reproduction cycle