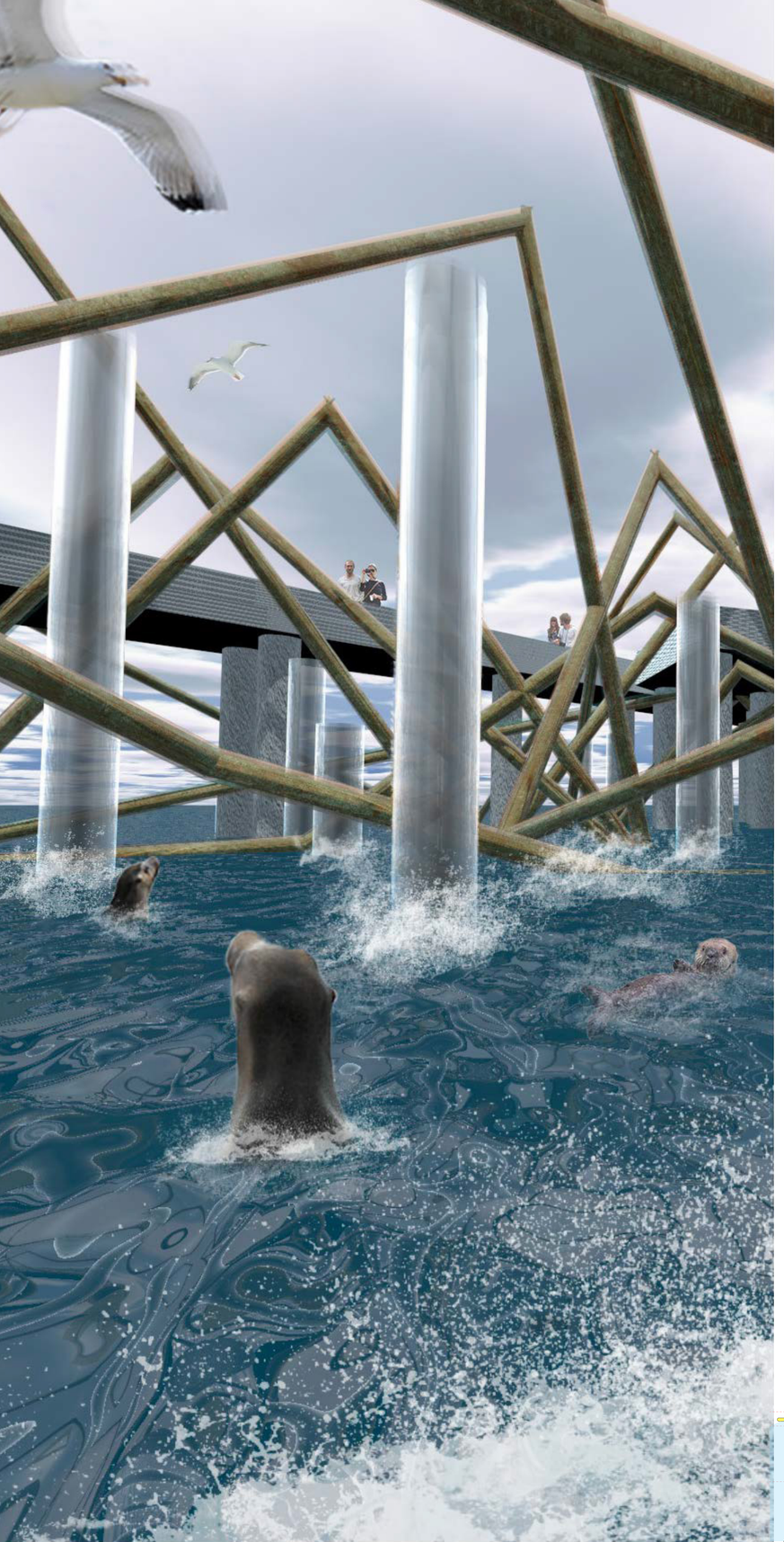


sea otter//enhydra lutris

- seek densities for protection
- surface of water

sea lion//zalophus californianus

- sandy beaches
- rocky beaches
- wharfs

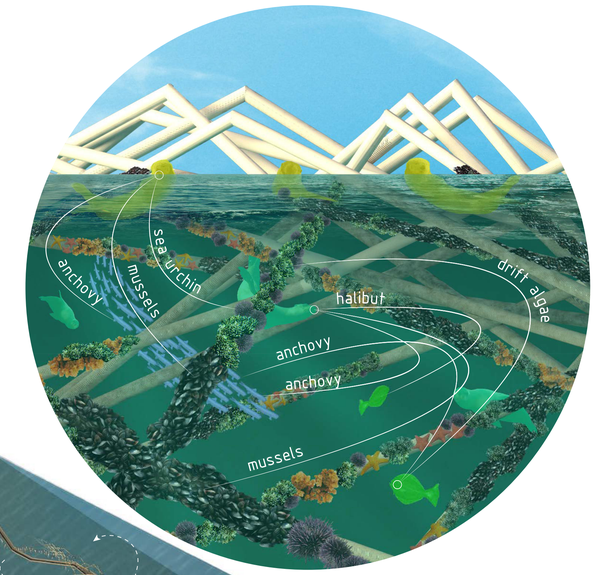
california halibut//paralichthis californicus

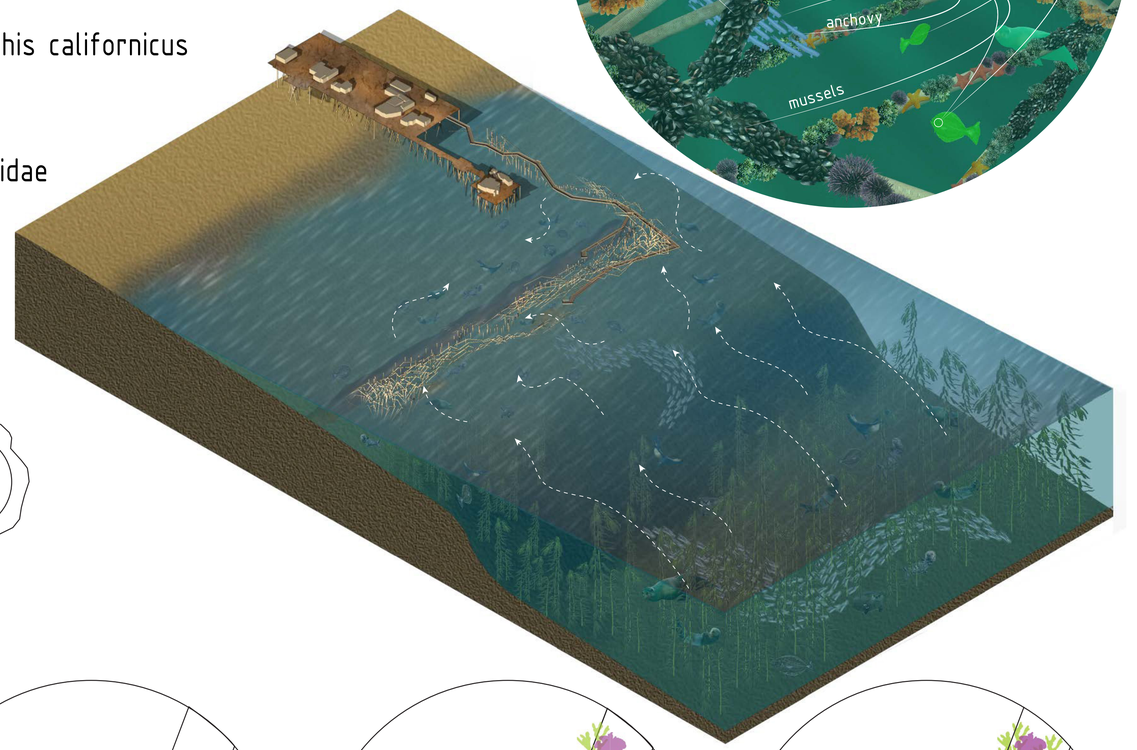
- bottom of sea
- seek prey at higher sea levels

california anchovy//engraulidae

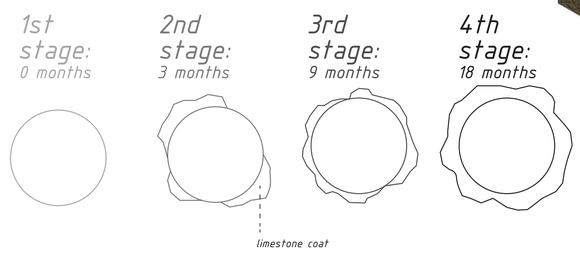
- shallow areas with muddy bottoms
- prey for almost every other fish
- filter feeders

Where the rope meets the surface of the ocean, marine activity is conspicuous; mussels and oysters are clutched onto the rope while schools of fish linger the contemporary habitat. Each of these species at their mature stage can sift up to 5 liters of water per hour, serving as a biological infiltration system for a cleaner Santa Monica Bay...This compact framework attracts the charismatic species because of its enclosing composition, providing a safe environment for the fauna.

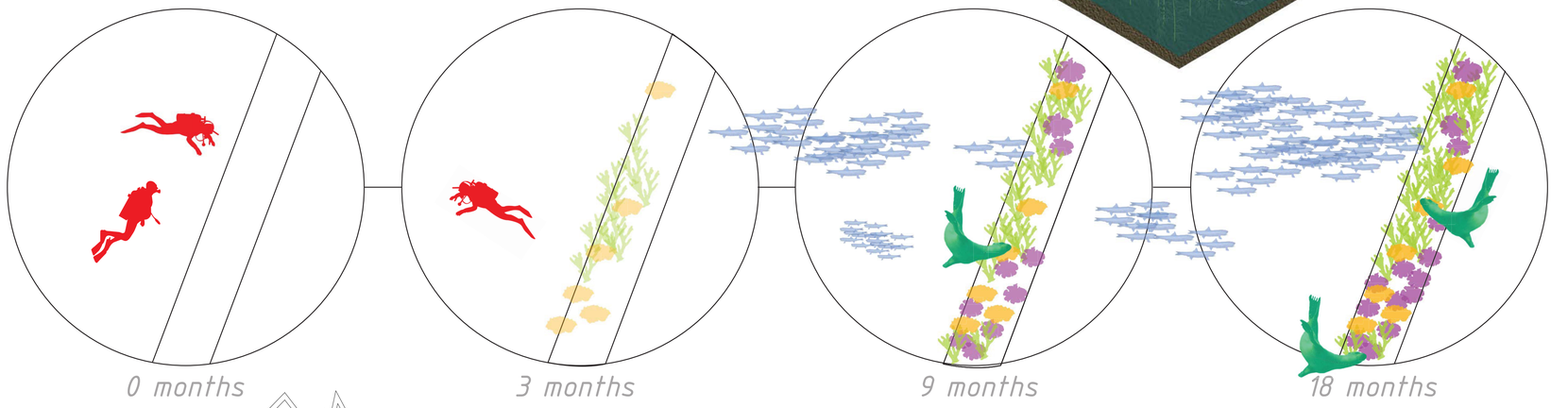


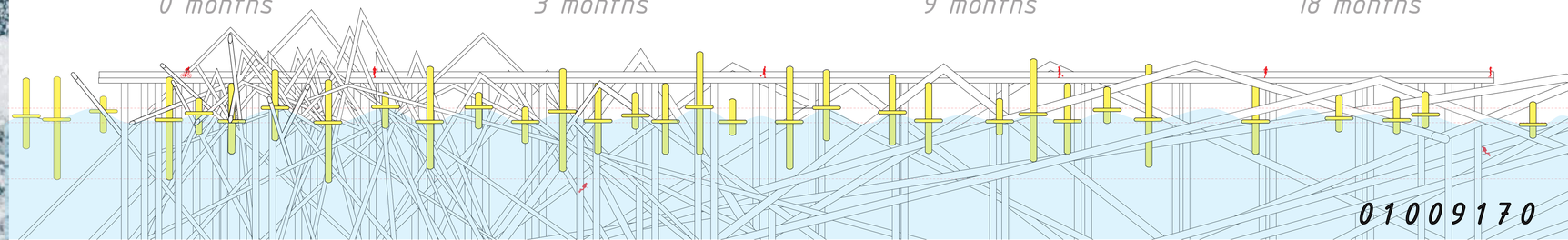


formation of the bio reef



The coating of the bio reef will take approx 18 months to fully function. At this 4th stage, it will have a 5 cm thick coating of limestone and it is derived from the precipitating natural minerals found in ocean waters. In essence, this will be enough to start a new coral reef.





01009170