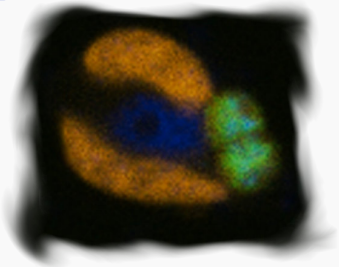
## Atelocyanobacterium thalassa
previously UCYN-A



WHEN ACTIVATED: Reset the CTD and take all nitrogen. You can cache any or all of them on this card. *This card requires no food to play. However, you must replace an existing diatom on your board with this card.

*A. thalassa* is unable to photosynthesize on its own, and has to live in symbiosis with a diatom.

## Coccolithus pelagicus

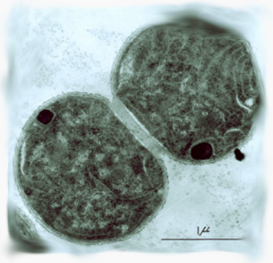
WHEN ACTIVATED: Draw 1 card. You may tuck it behind this card - if you do, gain 1 Phosphorous.

NON-BLOOM: Add 1 biomass to this card.

BLOOM: Remove all biomass from this card, draw two cards, and tuck two additional cards from the deck behind this card.

*C. pelagicus* makes the largest coccoliths of any species.

## Crocosphaera watsonii



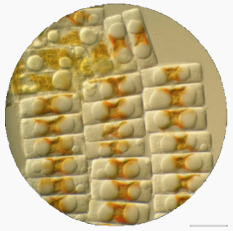
WHEN ACTIVATED: Tuck a card from your hand behind this card and gain 1 N. If you do, draw a card.

NON-BLOOM: Add 1 biomass to this card.

BLOOM: Remove all biomass on this card and gain 2 cards and 2 nutrients of your choice.

*C. watsonii* completely separates its nitrogen fixing from its photosynthesizing in a diurnal cycle.

## Fragilariopsis cylindrus



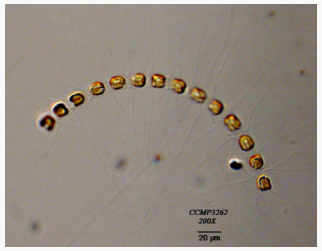
WHEN ACTIVATED: Draw two cards. At the end of the turn, discard one card from your hand.

NON-BLOOM: Add 1 biomass to this card.

BLOOM: Remove all biomass on this card and add 1 biomass behind all other phytos in the polar habitat. Additionally, you may tuck any or all of the cards in your hand behind this phyto.

*F. cylindrus* is a major component of the diet of Antarctic krill.

## Chaetoceros socialis



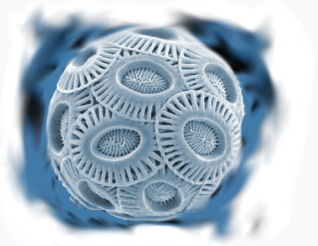
WHEN ACTIVATED: Tuck a card from your hand behind this card. If you do, draw two cards.

NON-BLOOM: Add 1 biomass to this card.

TOXIC BLOOM: Remove all biomass on this card and remove one adjacent phyto on your board.

*C. socialis* is common off the coast of Argentina but is not harmful there.

## Emiliania huxleyii



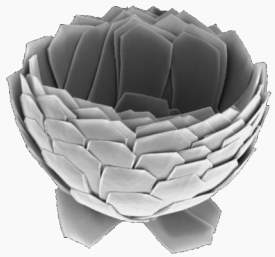
WHEN ACTIVATED: All players can add 1 biomass to 1 coccolithophore on their board. You may add 1 additional biomass to 1 additional coccolithophore on your board.

NON-BLOOM: add 1 biomass to this card.

BLOOM: Remove all biomass from this card and tuck 5 cards from the deck behind this card.

*E. huxleyii* is the most prominent and well-studied coccolithophore.

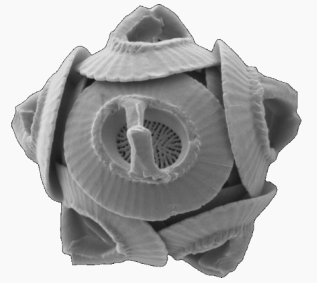
## Florisphaera profunda




WHEN ACTIVATED: Remove one biomass from any phyto to gain 2 nutrients of any kind.

*F. profunda* has been around for a long time - its fossilized coccoliths are commonly used to understand the history of Earth's climate.

## Gephyrocapsa oceanica




WHEN ACTIVATED: Spend 1 Nitrogen to add 1 biomass to this phyto and 1 other phyto.

NON-BLOOM: Add 1 biomass to this card.

*G. oceanica* is thought to be the direct ancestor of E. huxleyii.