

Harvesting Algae





Performed using a metal square which kept the surface area sampled (0.04 m²) consistent from disk to disk.

Samples were taken from both faces of each of the ten disks

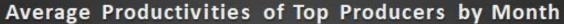
The area within the square was then manually scraped off the disks and stored in centrifuge tubes.

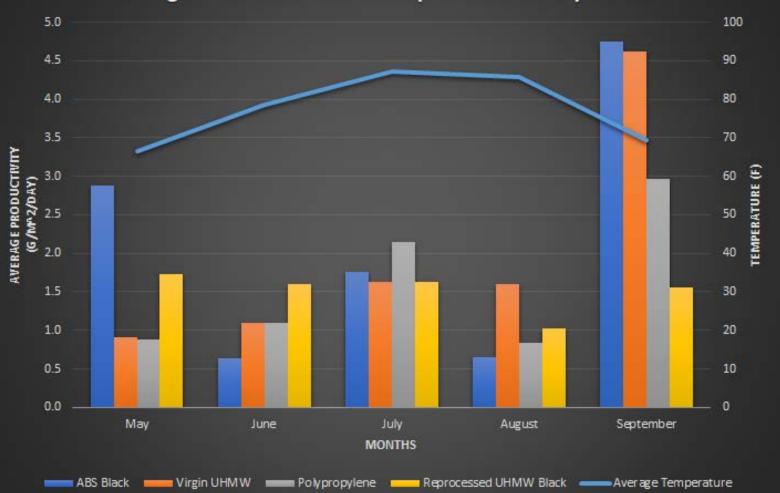
Productivity

- Defined as the rate of generation of biomass within a system (g/m^2/day)
- Measured to determine trends between increased biomass yield and external factors (i.e. substrate material, temperature, light availability, etc.)

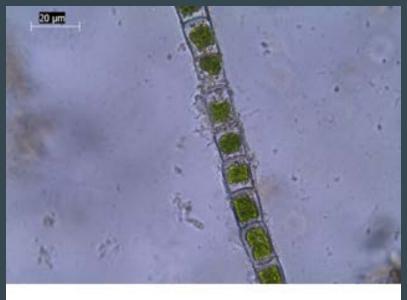




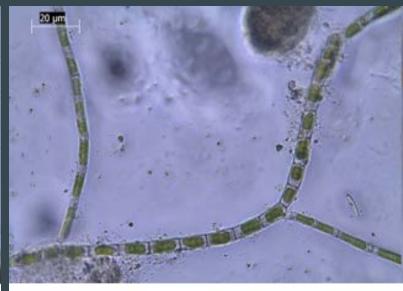




Algae Strains

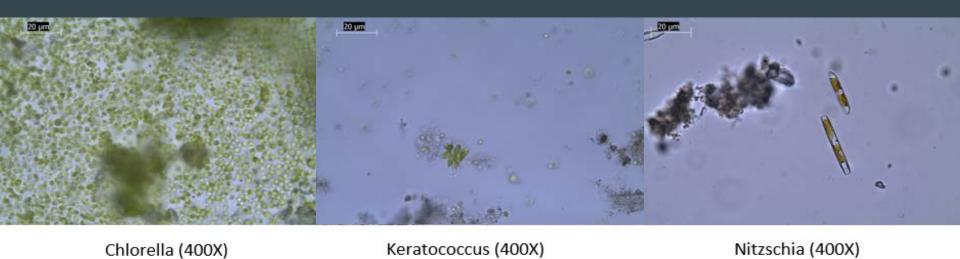


Klebsormidium (400X)

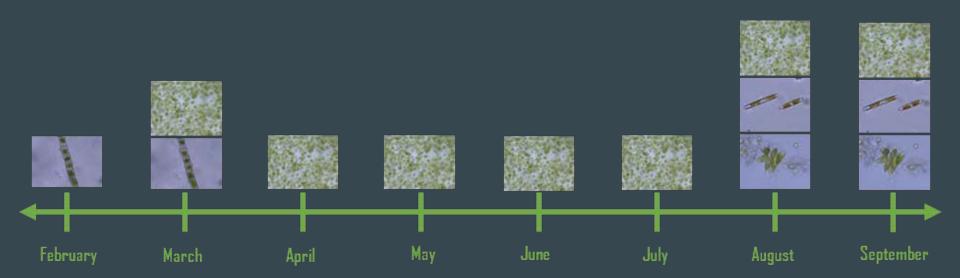


Stigeoclonium (400X)

Algae Strains



Timeline



Autotrophic Index



April

May