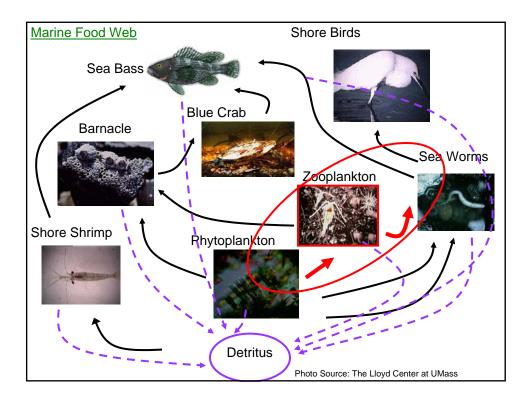
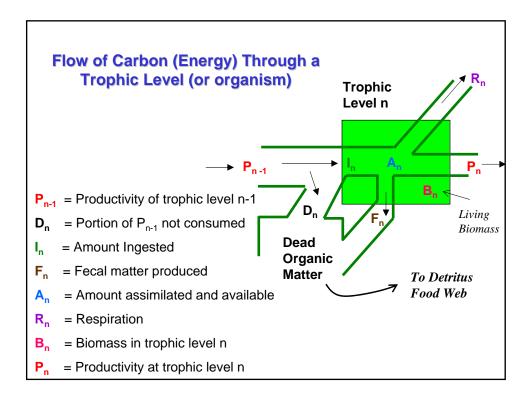
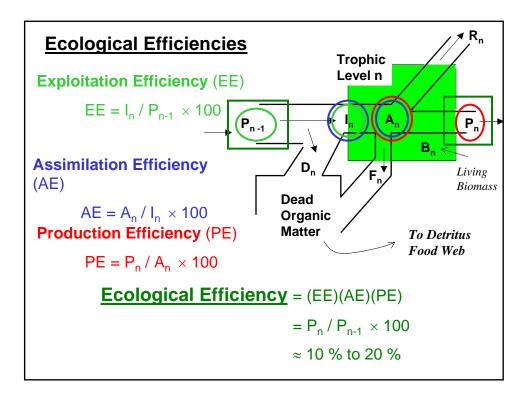
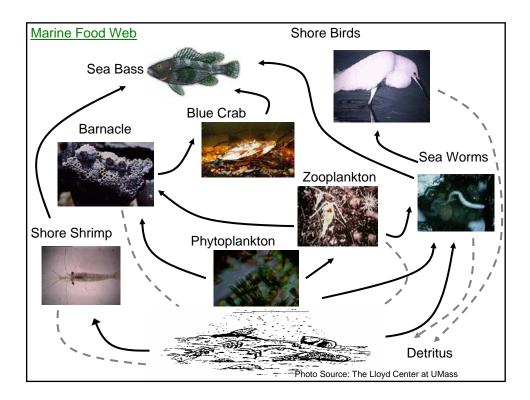


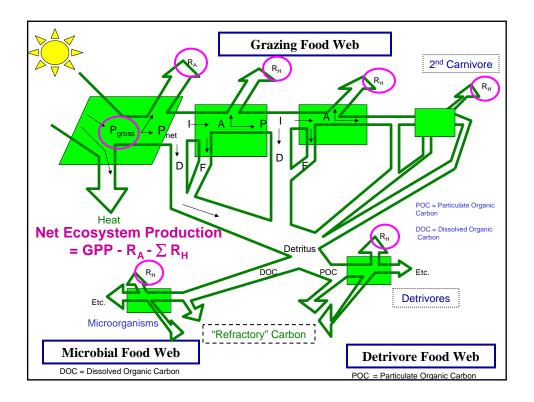
World Net Primary Productivity (Rounded Estimates)				
Ecosystem	NPP (g m ⁻² y ⁻¹)	World NPP (x10 ¹⁵ g y ⁻¹)	Biomass (g m ⁻²)	World Biomass (x10 ¹⁵ g)
Desert Grassland, etc. Cultivated Land Moist Forest Tropical Forest	50 500 1000 1000 2000	2 25 10 40 40	720 4000 1000 30,000 45,000	15 125 14 900 750
LAND TOTAL		177		1804
Estuaries Continental Shelf Open Ocean	2000 500 100	4 10 40	1500 20 3	2.6 .3 1.0
MARINE TOTAL		54		3.9
World NPP = NPP × ∑Area World Biomass = Biomass × ∑Area				

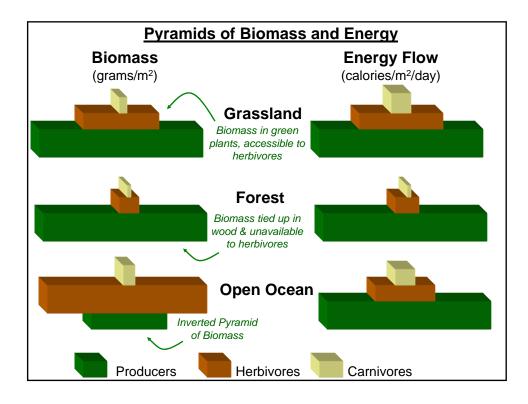


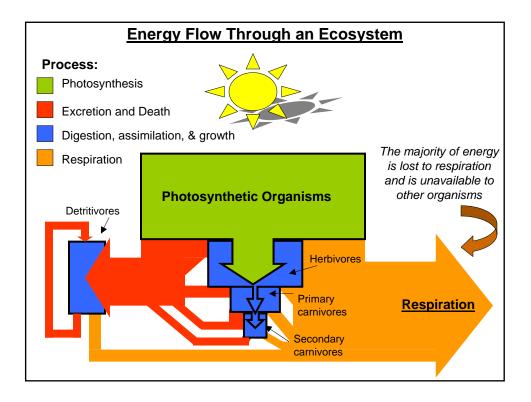


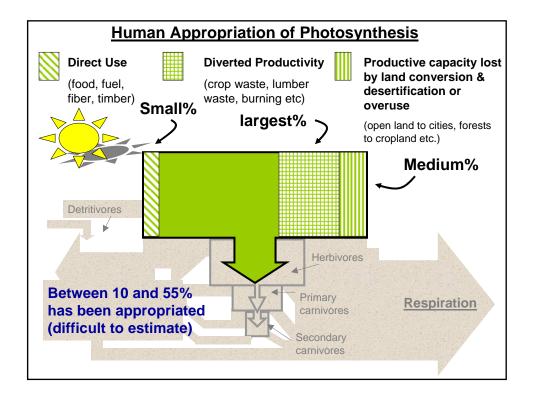












Blue Planet DVD Three weeks in the life of a Marine Food Web

Think About:

- The massive amount of energy and carbon the phytoplankton must be processing to support such a diversity and biomass at higher trophic levels
- How the information in DNA could be controlling all of these complex processes