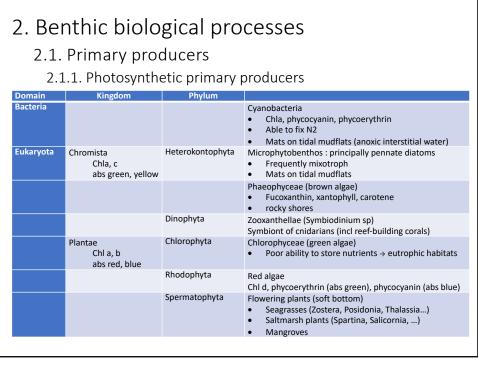
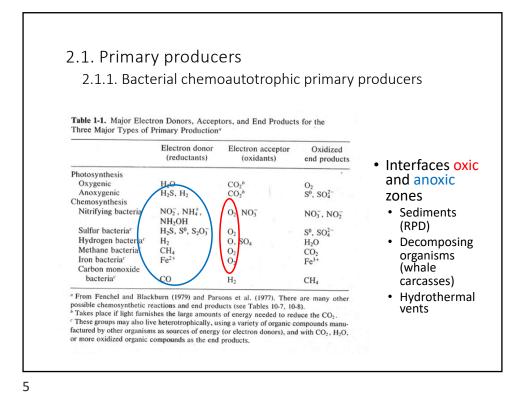
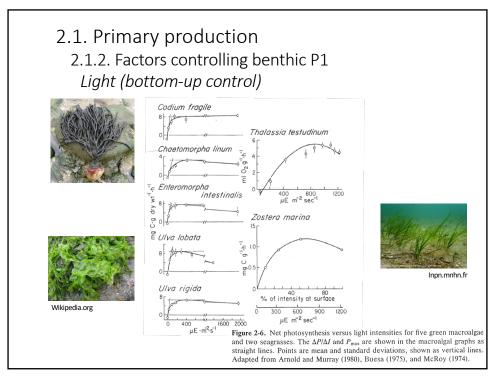
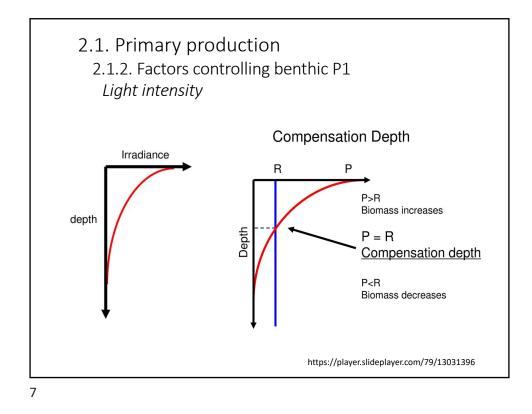


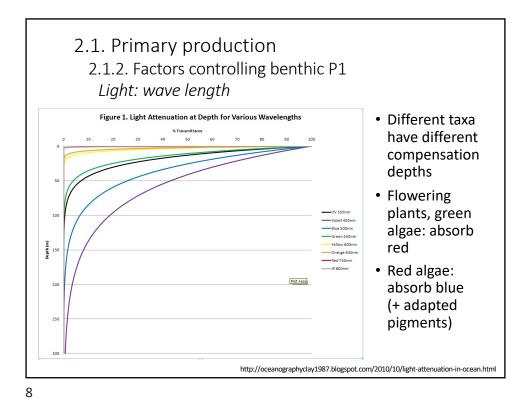
		nthic domain
Tide level or depth	Zone	Characteristics
	Supralittoral	Saline moistening Continuous emersion except at extreme high waters of spring tide
Mean high water of spring tide		
	Mesolittoral	Daily cycles of immersion and emersion
Mean low water of neap tide		
	Infralittoral	Continuous immersion except at low waters of spring tide
Compensation depth of seagrasses or photophilic algae 15-20m at high lat. 30-40 m Mediterranean 80 m intertropical regions		
	Circalittoral	
Compensation depth of the algae tolerating the lowest light intensities (150-200m)		
	Bathyal	Continental slope and its foothills
2500-3000m		
	Abyssal	Abyssal plains Hydrothermal vents
6000-6500m		
	Hadal	Deep trenches

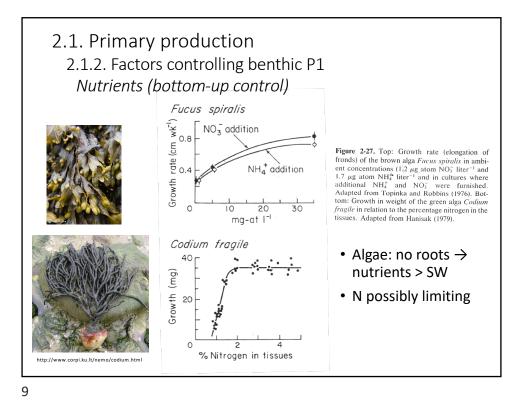


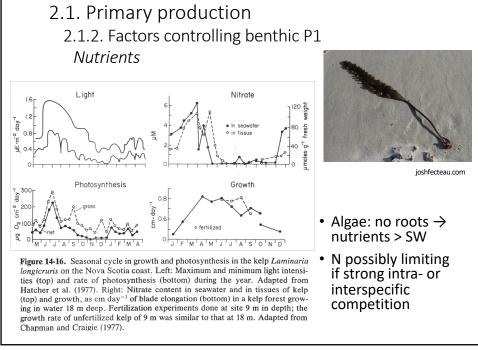


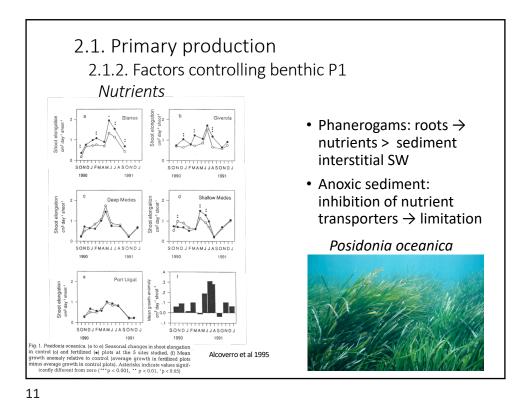


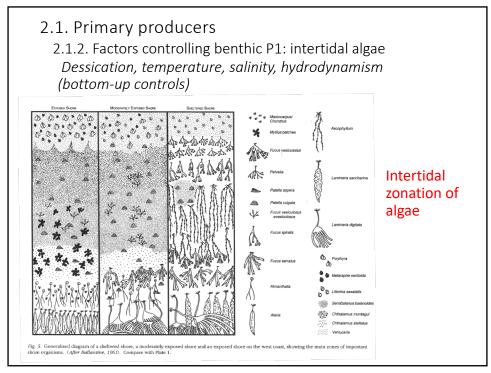


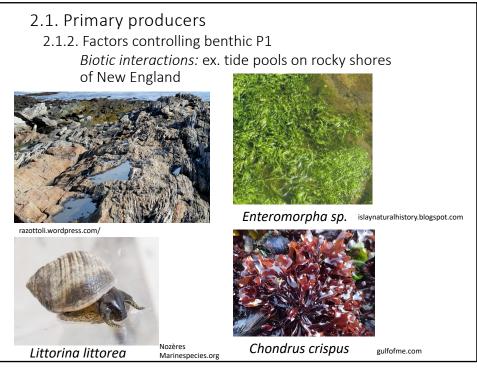


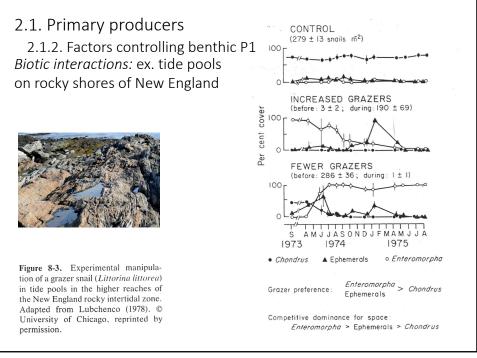


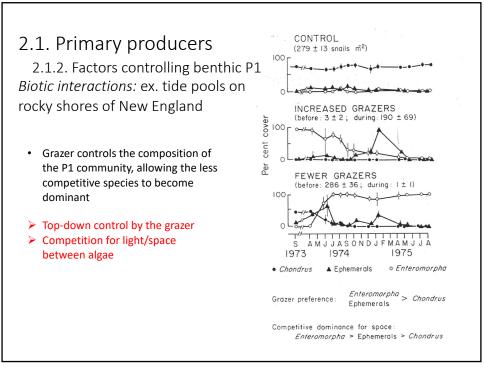


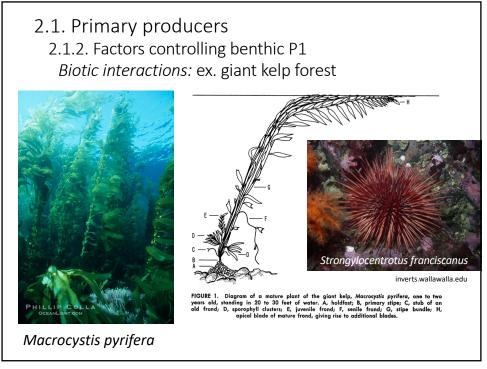


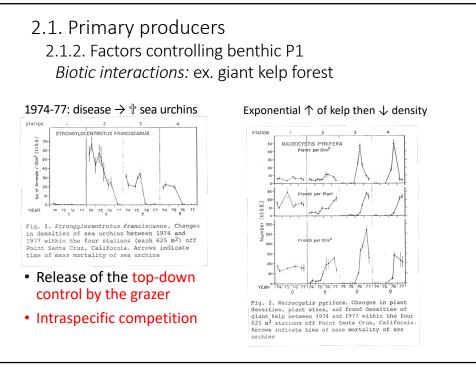




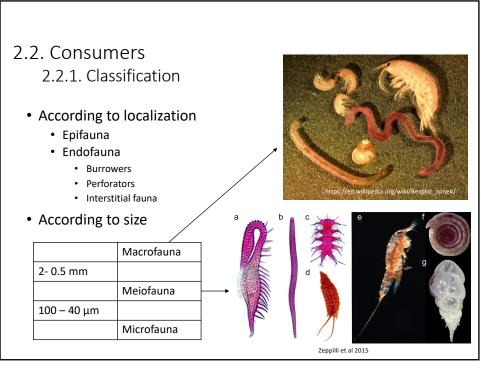


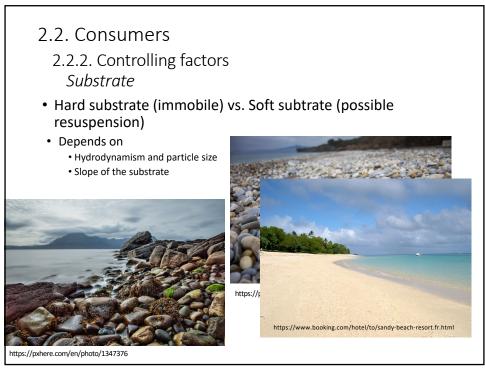


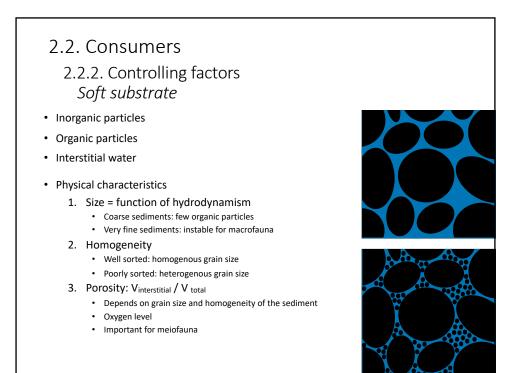




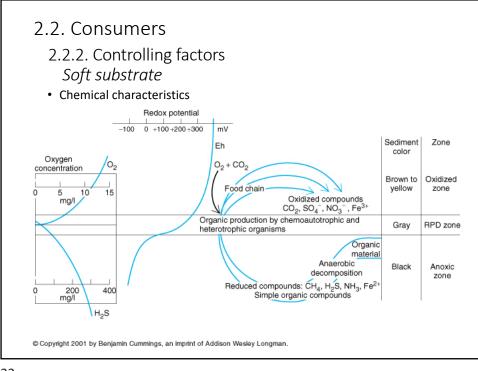


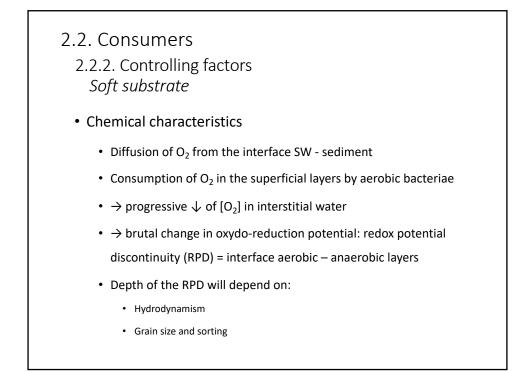






		Pa	rticle sizes	
2.2. Consumers 2.2.2. Controlling factors	φ scale	Size range (metric)	Aggregate class (Wentworth)	Other names
Soft substrate	< -8	> 256 mm	Boulder	
	-6 to - 8	64–256 mm	Cobble	
	-5 to - 6	32–64 mm	Very coarse gravel	Pebble
	-4 to - 5	16–32 mm	Coarse gravel	Pebble
Classification according to grain size	-3 to - 4	8–16 mm	Medium gravel	Pebble
	-2 to - 3	4–8 mm	Fine gravel	Pebble
	-1 to - 2	2–4 mm	Very fine gravel	Granule
	0 to - 1	1–2 mm	Very coarse sand	
	1 to 0	0.5–1 mm	Coarse sand	
	2 to 1	0.25–0.5 mm	Medium sand	
	3 to 2	125–250 <i>µ</i> m	Fine sand	
	4 to 3	62.5–125 μm	Very fine sand	
	8 to 4	3.9–62.5 μm	Silt	Mud
	>8	< 3.9 µm	Clay	Mud
	>10	< 1 µm	Colloid	Mud





g factors stics	
Bacteria	Characteristics
aerobic (some photosynthetic)	
chemosynthetic sulfur bacteria	oxidize H ₂ S
fermenting bacteria	anaerobic heterotrophs transform organic compounds into fatty acids and alcohols by glycolysis
Sulfatoreducing bacteria	reduce SO_4^{2-} into H_2S
Methane-producing bacteria	transform organic compounds into CH ₄
	Stics Bacteria aerobic (some photosynthetic) chemosynthetic sulfur bacteria fermenting bacteria Sulfatoreducing bacteria

