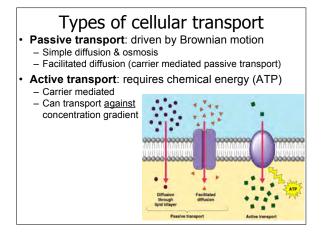
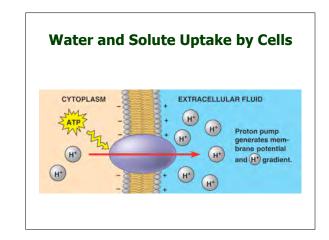
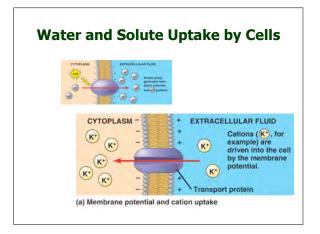
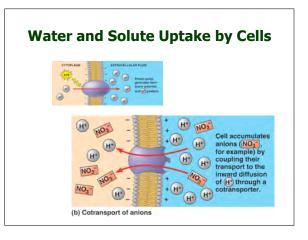


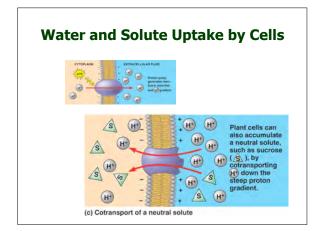
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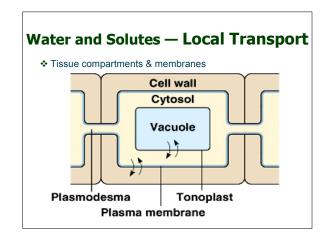


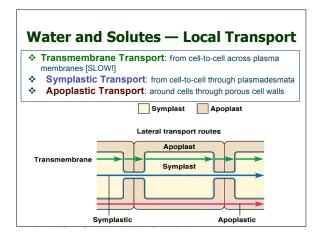


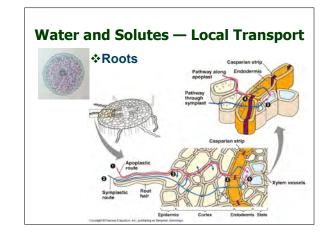


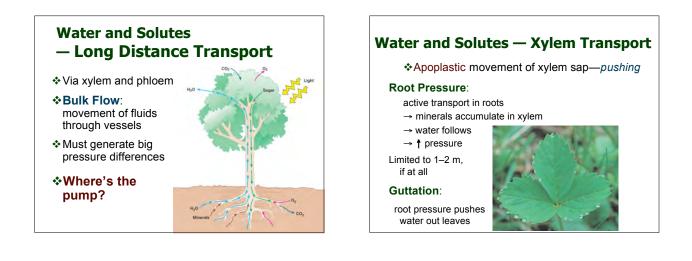


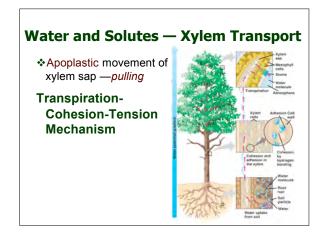


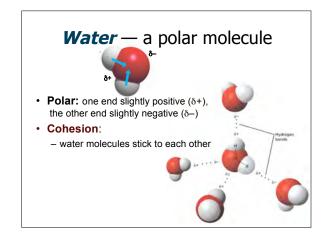


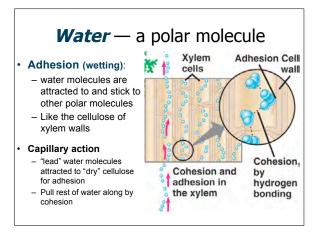


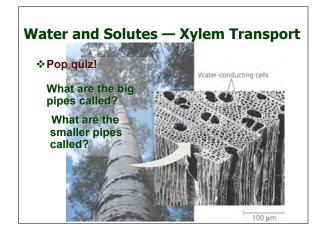


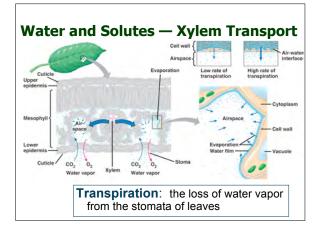


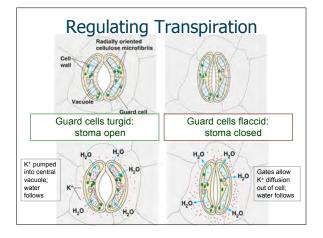


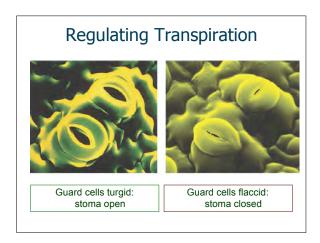


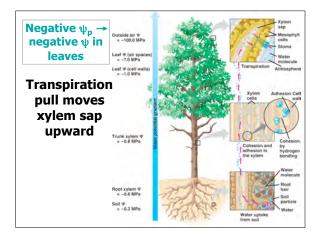


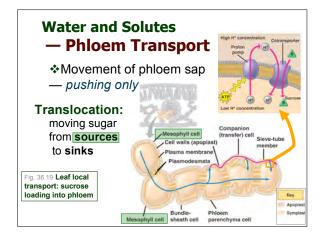


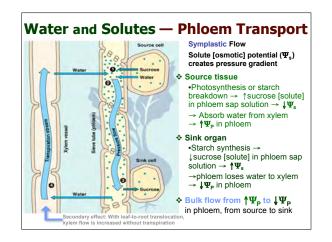


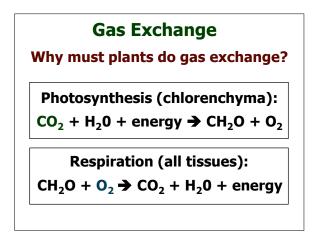


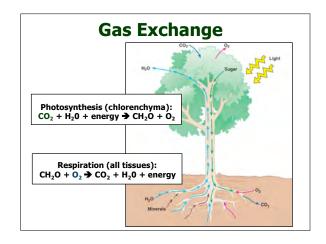


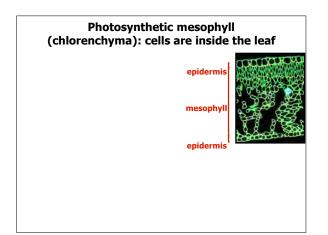


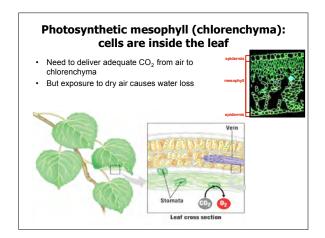


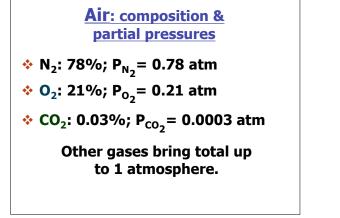






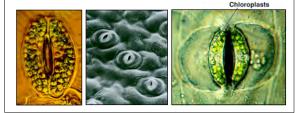




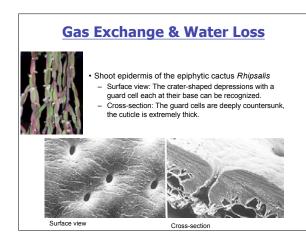


Gas Exchange & Water Loss

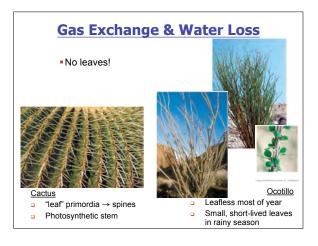
- High demand for CO₂ in leaves in daylight; but water loss is a big problem.
- Cuticle limits water loss through epidermis.
 ((H20/1C02)): Stomata open to let air circulate.
 ((H20/1C02)): Stomata close to limit water loss.

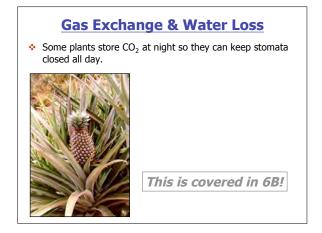


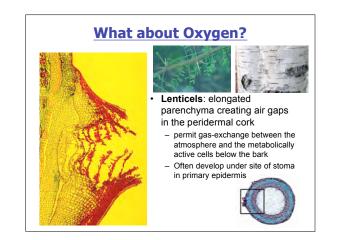












What about Oxygen? Special issues for submerged plants				
		5°C	35°C	
	% O ₂ in air	21%	21%	
	% O ₂ in water	0.9%*	0.5% <mark>*</mark>	
,	O ₂ in water/air	¹ / ₂₅ x	¹ / ₄₀ x	
* At equillibrium with air. Stagnation may decrease to 0.				

