Biological Chemistry

Structures and Functions of Important Macromolecules

Name:		SBI3C		Date:	
Organic Chemistry:					
	>	>		>	
Macromolecules:				Monomer vs. Polymer	
Four major types:				glucose amino acids glycerol + fatty acid phosphate + ribos	carbohydrates proteins lipids
CARBOHYDRATE	S:	a. Monosaccharide ("one")			CH ₂ OH OH H OH H Glucose
b. Disaccharide ("two")		c. Polysaccharide ("many") Polymers of monos Insoluble in water Provide structure to Store energy Examples Starch:		ates	Starch Cellulose Glycogen
3904	он сн₂он н	Glycogen:			
glucose fructo	se	<u>Cellulose</u>			
и н	сн₂он	Chitin			