Tissue	Structure	Function
Cuticle	- Waxy	Reduces the water lost from
	- Transparent	the leaf through evaporation.
Upper Epidermis		Allows light to pass through
	- Single layer	so that the palisade
	- Closely packed cells	mesophyll can carry out
		photosynthesis.
Palisade Mesophyll	- Long	Contains lots of chlorophyll
	- Cylindrical	to carry out photosynthesis.
Spongy Mesophyll	- Irregular shape	
	- Large intercellular air	Aids in gaseous exchange,
	spaces	and is covered with a thin
	- Covered with a thin film	film of moisture so that
	of moisture	carbon dioxide can dissolve in
	- Contains the vascular	it.
	bundle	10 CO.U.
Vascular Bundle Preview	1050	Ne xylem tissues transport
	NOTES	water and mineral salts from
	Martine f 2	the roots to other parts of
		the plant; while the phloem
	DACENTISQUES	tissues transport sucrose
		from the leaves to other
		parts of the plant.
Intercellular Air Spaces		Allow circulation of carbon
	-	dioxide and oxygen inside the
		leaf for photosynthesis and
		respiration, and allows for the
		rapid diffusion of gases into
		and out of the cells.
Lower Epidermis	- Single layer	
	- Closely packed cells	
	- Covered by cuticle	Allows gaseous exchange.
	- Contains stomata and	
	guard cells	