

Nov 4/20/10  
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## STOMATA DISTRIBUTION

Desert plants = Xerophytes  
ex cactus, Stomata lower  
(in depressions), thick cuticle

Aquatic plants = Hydrophytes  
all stomata on upper NOT lower  
leaf surface

## TROPISMS

photo  
thigmo  
gevi  
chemo

## HORMS

### AUXIN

GIBBERELIN

ETHYLENE

ABSCISSIC ACID

CYTO KININ

Coleoptiles  
(tips)

AUXIN responds  
for photo +  
gravitropism

forces  
growth on  
the Dark side  
of plant stem

Disarms fus  
as mesh