

GEOG 1111 FINAL

SOILS

- KNOW DIFFERENCE BETWEEN COMPONENTS AND FACTORS (4 COMPONENTS AND 5 FACTORS)
- DIFFERENCE BETWEEN HORIZON AND PROFILE AS WHOLE THING (O,A,E,B,C,R)
- PROCESSES THAT FORM SOIL
- WHAT PROCESS GOES TO WHAT SOIL HORIZON
- HIGHER FIELD CAPACITY LOWER FIELD CAPACITY
- SWAMPY SOILS HISTOLS, DESERTS ARE ARIDOSOLS,

BIOGEOGRAPHY

- GENETIC DIVERSITY VS ECOLOGICAL DIVERSITY
- SPECIES DIVERSITY NUMBER OF DIF SPECIES IN BIOME
- SWAMPS VS MOUNTAINTS – ECOLOGICAL DIVERSITY
- 1.75 MILLION SPECIES (PLANTS AND ANIMALS)
- RECOGNIZE PHOTOSYNTHESIS FORMULA
- LIMITATIONS ON PHOTOSYNTHESIS (INCREASE RESPIRATION WHAT HAPPENS TO RATE OF PHOTOSYNTH?)
- WHAT IS DIRECT RESULT OF PHOTOSYNTH – PHYTOMASS PLANT MATTER
WHAT IS INDRECT RESULT OF PHOTO – ANIMALS
- WHAT ENVIROMENT ARE YOU GOING TO HAVE MORE NPP – HOT AND WET
BIODIVERISTY PRODUCTIVITY
- FOOD WEB VS FOOD CHAINS
- STRUCTURAL OR PHYSIOLOGICAL ADAPTATIONS
- WHAT A MUTATION IS
- ABIOTIC AND BIOTIC FACTORS
- ORGANISMS SHARING RESOURCES – RESOURCE PARTITIONING

PHYTOGEOGRAPHY

- ORGANIC MOLECULES
- NITROGEN CYCLE KNOW 4 STEPS
- BIOMES: KNOW UNIQUE CHARACTERISTICS OF BIOMES – PLANTS THAT ARE THERE
- DON'T NEED TO KNOW CLIMATE TYPES THAT GO WITH BIOMES
- WE HAVE TEMPERATE DECIDUOUS MIXED BIOME

ZOOGEOGRAPHY

- DIFFERENT AQUATIC ZONE
- TYPES OF ANIMALS YOU MAY SEE IN CERTAIN PLACES WHERE WOULD YOU FIND AMERICAN BUFFALO ARTIC AREA. WHERE WOULD YOU FIND PANDAS – PALEOARTIC
- SLOSS DEBATE; HABITAT DESTRUCTION – NUMBER ONE REASON FOR EXTINCTION
- KUDZOO PLANT

- MONGOOSE PLANT IN HAWAII KILLS BIRDS
- KNOW PICTURES OF BIOMES