20161902

EC01064 11

TERRESTIAL VEGETATION:

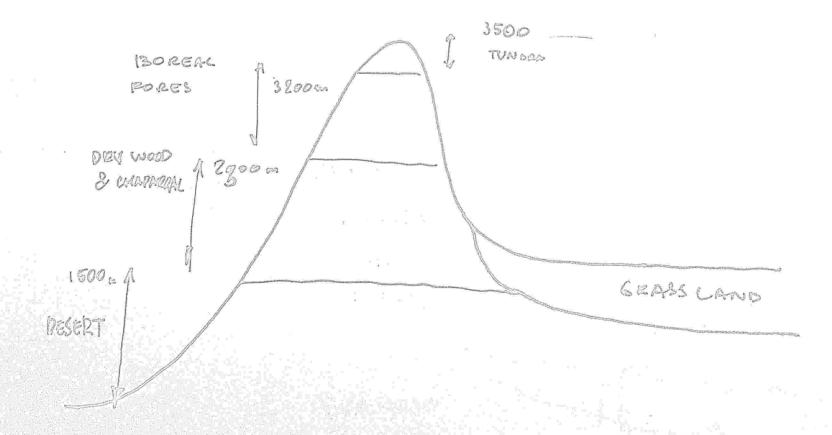
MOISTURE PETERMINE TEMPERATURE | BLOMES

THERMAL INERTIA

PEMPERATURES VALLY MORE IN THE NORTHERN WEMSTHERS DUE TO THE USSER INFUNENCE OF WATER AS A WEDT SINK.

MARITIME DOCKETS REDUCE THE INCIDEDICE OF CATE GROSTS,

THE PRIEST DEJERTS GREUR INCAND DE covo-water. UPWELLINGS



CORE 10 EAS

- CANGOS OF TOCERANCE LIMIT PISTRIGUTION
- O OPTIMEN CONDITIONS AME NEBERARY COR OPTIMAL DEVELOPMENT

TWO TYPES OF PRANCE.

Renges of

POLERRANCE

8

GEOGRAPHIE RANGE

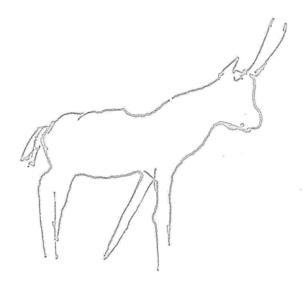
DETEN GEOGRAPHEL RENGES CORRESPOND TO BIOMES,

BUT SOMETIMES NOT,

FARRORS INCUUDE:

· SPECIAL MABITRES EG. PRONGHORN

· ERENDS/EVEMLES



PAST, BUT NOT AGILE

KIRRAND'S WARRIER EXTREME

MAGITAT SECTION

COGNITIVE LIMITATION ?

TRANSCENDING DIGME! BROMP TEMPERATURE TOLERANCE, BROAD MABITAT RANGE O TIFERS O COYOTES (EXTIRPATION DE NOLVES?) HEAT BALANCE CONDITION (DURECT CONTACT) RADIATION CONVECTION (MEDILATED BY MOVING EWIS) REDISTRIBUTION EVAPORATION CIRCULATORY SYSTEM EFFICIENT COOUNG EG. REDISTIBUTES MENT FROM WET GURRACES AMONG BODY PORT SIZE MATTERS TO HEAT BALANCE

ENREACE ARED DETERMINES THE EQUILIBRATION RATE

- VOCUME PROVIDES THE INTERTIA

$$\frac{V}{S} = \frac{R}{3}, \qquad = 5 \qquad \Leftrightarrow \qquad SR: V = \frac{3}{R}$$

BERGMANN'S MUCE: HOMEOTHERMS TEND TO BE LARGER AT MIGHER LATITUDES (COLDETE).

EXAMPLE: TROPICAL BEARS -> POLME BEARS

S HAPE MATTERS

WHY NOT BE A SPILERE?

PARTICULAR SHAPES ARE REDNINED BOR FUNCTION

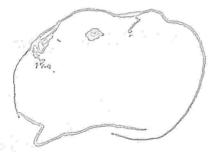
WHO HAS THE MIGHTSA SA: V?

CARY SOPELEA BLIPING SAKE, BORNED

WHO HAS THE MINIARUM SHIV ?

PIKA, OCHORNE DRINESPS: ALPINE TUNDRA RABBIT

ALLEN'S RULE: APPENDAGES ARE REDUCED IN COLD



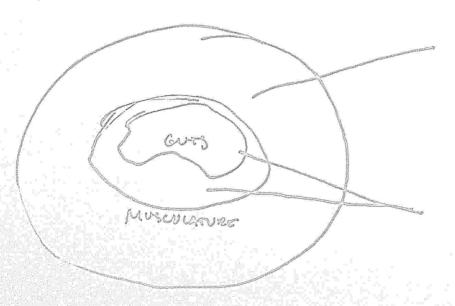
LEPUS enec TOWS

LOPUSE CALIFORNICUS



EVIDENCE SUGGESTS THAT LATE DINGSAVES HAVE WAS FEATHERS

CROSS-SECTION OF A SEAL



BUBBER

58%

42%

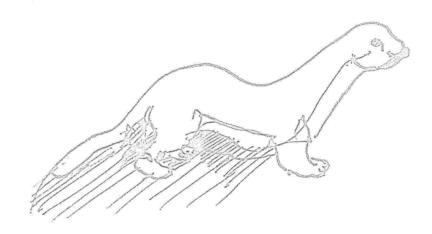




DIMETROPON

EXEMINE = WENTER IN WINTER

ACTIVE ALL YEAR , WHITE CAMOUSLAGE



CUELS INTO A PLAT DISK, ASVAICA IS AN AQUANTAGE

TYPICAL WESSEL PREY!

POCKET GOPHER,
THOMONYS TALPOIDES

CONG AND THIO SECANSE
THE PREY LIVE IN THE NAVERON BURNONS

PRIMAR DEMANDE OF A PARABOOK.

COUNTER CURRENT

CONSERVES HEAT

ARTERIES AND VENS STOULD;

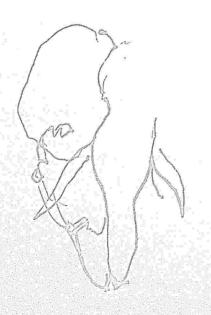
- OBE SEPARATED IN APPENDAGES
 NESIGNED TO SHEAT HEAT
- O BE APPRESSED IN APPENDAGES

COUNTER CURRENT FOOM MANTAINS GRAPIENT,
SO FLOAT IS ECONIZED FROM OUTSOING
BLOOD TO INCOMING BLOOD.

CONVECTION ENHANCED BY EVAPORATION

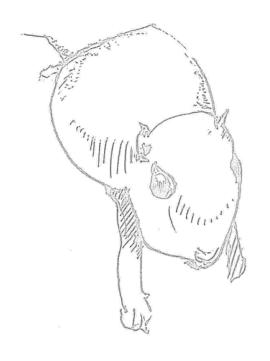


CONVECTION FAMELON BY ENDOUDION



- " LICK PHETR LIMBS
- O L'OALAS LIE ON THE COOLEST PLACES OF THETPIEC.

FEED ON DIFFERENT TREES THEN PHY WHICH THEN COOL OCC LANGARDO



ANATOMY.

- DERECT POSTURE
- o BIDEDAL
- O LESS HEAT BANN FROM THE GROUND

PHYSIOLOGY

- · SUPER-EFFICIENT LIONEY
- · METABOUE WATER ANGRICIENCY

LIPIO BRETTEDOWN PROPUES WATER

BEHAVIOURI

- · NOCHRNAL
- D CHEME SEEDS UNDERGROUND, . WHICH RECAPTURE WATER

VAPONE FROM EXSERVATION

EVASIONS

PHETHOOS!

- O ENTERING & BROMANT STAGE (SEEDS, CUSTS, EGGS, PUPAE, TORPOR)
- O WISONJATE
- O NEST OR DEW IN A PROTECTED MICHORATINET
- · STORE ROOD
- · MIGRATE TO MILDER CLIMATE.

MASTERS OF EVASION: GARTED SNABE, MUSERA, EMDNUME

PINAS DELES HAY - ON WHICH TELEY PEED

PLANTS DO NOT MANE THE SAME RANGE

CE POEMANIOURS DO ANIMALS DO.

PLANTS - A RE ANTOTROPHIC AND PLEM ON

NET PHOTOSYNTUSSS.

POTOTOMY & YEARSIOLOGY REFLECT CONSTRAINTS

PROTOSHIUMIETE STRUCTURES ARE USUALLY LEAVES

BURNETS WITH LARGE LUTHURS COMBAT

0-6 MEWING 1A1. SMADY HARSITARS

- EDIOL BY EVAPORATION BY DOWNE STOUPTA-