

PHAGE DISPERSAL

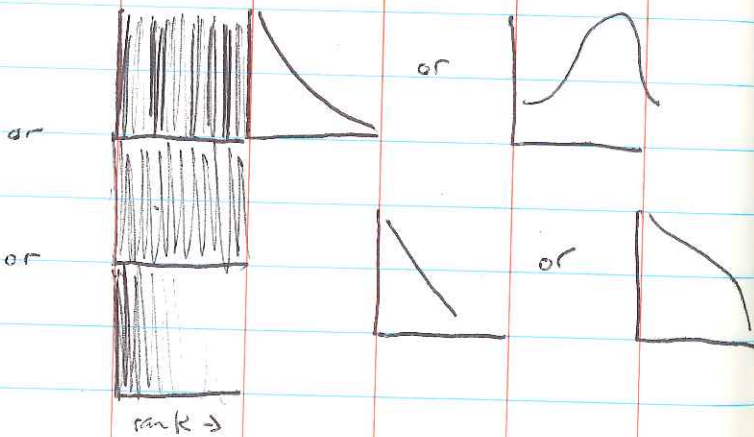
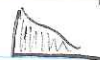
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RANDOM	NON-RANDOM

PHAGE DISPERSAL

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INHIBITED, RANDOM, ADVANTAGEOUS:

ENT



3rd AUGUST 2012

SET FOUR NETS IN BUCKHORN. RAINED HARD FOR CA. 1/2 HOUR. NOODLED POOLS BELOW BUCKHORN, FOUND 5 NATCHLINGS. HANDCAPTURED NOODLED ONE ADULT MALE FROM BUCKHORN.

SET 2 NETS IN GST. NOODLED 1 ADULT ♀ AND 6 NATCHLINGS FROM CLANTON. KEPT THE ADULT FROM BUCKHORN FOR ^{TADPOLE} EXPERIMENTS.

WE FOUND NO TADPOLES NEAR BUCKHORN AND CLANTON DRAW. BUCKHORN WAS LOW (15-20 METERS LONG, ~1.5 m deep). CLANTON DRAW DAM CONTAINED NO WATER. SAW NO NOTABLE BIRDS OR HERPS OR MAMMALS.

4 AUG 2012

~0800 CHECKED NETS IN GST. NO TURTLES
AND TWO SUNFISH. SET NETS IN CLANTON.
CLANTON TANK WAS ~2 FEET LOW. ~~DROVE~~
~~TO~~ KSL, JKM, KEB HIKE TO SWAHILI
SWAHILI WAS DRY. HIKE ~~TO~~ FROM SWAHILI ~~TO~~
~~TO~~ ALONG FOSTER DRAW TOWARDS BUCKHORN.
~~SAND~~ NOODLED UP ~20 NATCHLINGS
AND 10 ADULT SMT'S. WATER WAS
SPORADIC AND APPEARED TO BE THE RESULT
OF RECENT RAIN. A LARGE STORM BUILT
UP AND DUMPED NORTH OF BUCKHORN.
DAVE BAXTER SAW WHAT HE THINKS
WAS A CLARK'S SPINY LIZARD NEAR
CAMP.

5-AUG-~~2012~~ 2012

~0900 - ~~DR~~ KSL & DWB DROPPED A CREW OFF
AT BLACKWATER, THEN CHECKED NETS IN CLANTON.
NETS WERE SUBMERGED; CLANTON HAD RISEN
~2 FT. CAUGHT NO TURTLES. DROVE TO DOUGLAS
TO BUY GAS CANS, BEER, ETC. DROVE BACK TO
CAMP, DROPPED OFF GOODS AND HEADED TO
BLACKWATER. WE (KSL, DWB) TOOK NETS
TO JAVELINA TANK BUT IT WAS DRY.

6-AUG-2012

SHRIVER

~0900 - KSL, JKM, DWB, & BWS HIKE
TO JAVELINA TANK AND NOODLED SAURON'S
CANYON (CAUGHT ~20 TURTLES; MAINLY
NATCHLINGS). NOODLED CLOVERDALE CANYON
BETWEEN SAURON'S AND MILLER CANYON.
(CAUGHT ~15 TURTLES; MAINLY NATCHLINGS).
NOODLED TO SOUTH HOLE (NO TURTLES).
ON THE WHOLE, WATER WAS SPARSE. JKM
CONDUCTED HIS SAMPLING, AND BWS CAUGHT
~30 ARTHROPODS.

7 AUG 2012

KSL + BRF HIKE TO PELONCILLO TANK.
PELONCILLO TANK WAS DRY. CANYON ABOVE
PELONCILLO TANK HAD ONE SMALL POOL, AND
TURNED PEETERED OUT INTO MAINLY A BALDOR
FIELD. NOODLED FROM CANYON BELOW
PELONCILLO TANK, to South Hole.
THERE WERE TWO GOOD POOL COMPLEXES.
ONE COMPLEX YIELDED TURTLES.

8 AUG 2012

DROVE WITH LAURA KIMMEL (LBK)
TO DEER CREEK AREA OF GALIUNOS.
SET 6 NETS. CAUGHT 3 TURTLES
3 HOURS LATER. CHECKED NETS NEXT
MORNING. SAW WIND SCORPIONS THAT
NIGHT. NARROWLY ESCAPED A DOWNPOUR.

9-AUG 2012 KSL + LBK

0700 CHECKED NETS AT DEER CREEK
TANK. CAUGHT 15 TURTLES. OBTAINED THE
REMAINDER OF BLOOD SAMPLES. CLOSED OUT
THE GALIUNOS. DROVE TO WILL COX AND
CLEANED NETS & STICKS, DUMPED TRASH,
GOT GROCERIES + GAS. DROVE TO PELONCILLO
CAMP. WERE DETAINED BY FOREST SERVICE
& BORDER PATROL DUE TO ~~THE~~ DEVIN LINDE'S
ASSUMPTION THAT OUR ETOH WAS A SIGN
OF A METALAB.

10 AUG 2012 KSL, LBK, JKM,

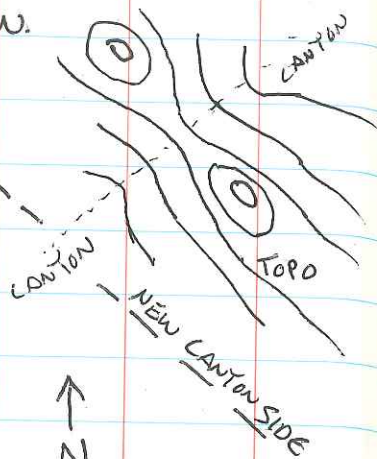
WALKED NEW CANYON; CHECKED NETS IN
GROTTO; CAUGHT 5 UNMARKED TURTLES.
NOODLED ABOVE GROTTO TO A 'Y'. CAUGHT
NO TURTLES ALONG THE STREAM. JKM'S
pH meter broke. FOUND CROSSOVER TO
BLACKWATER CANYON (PARALLEL TO WBR'S).
KSL CONTINUED ALONG WITH C TOWARDS

BLACKWATER. FOUND ANOTHER CROSSOVER
TO BLACKWATER CANYON.

CONTINUED ALONG NEW
CANYON AND FOUND
ANOTHER (3rd) CROSSOVER

THAT LED OUT TO
THE TOP OF WOULD
BE RAPIDS. CROSSED
OVER TO BLACKWATER

CANYON AND WALKED TO THE GTR.



11 AUG 2012

0815 KJL, JKM, LBR SETS NETS
(3L, 1M) AT CLOVERDALE SPRING. JKM
SAMPLED FOR CHEMISTRY AND INVERTS. WALKED
TO HORSE PASTURE AND SET TWO GARLOCKS
(2M). JKM SAMPLED FOR CHEMISTRY + INVERTS.
KJL CAUGHT A TFR (terrestrial flight response)
AND THEN CAUGHT ONE SMT NEARING SHORE.
JKM CAUGHT ANOTHER TFR. DROVE TO CAMP.

TO MEET UP WITH PAS. WALKED OVER TO
DIAMOND A / CLAYTON DRAW; LOTS OF WATER
AND LARGE POOLS. NOODLED 7 TURTLES.

12 AUG 2012

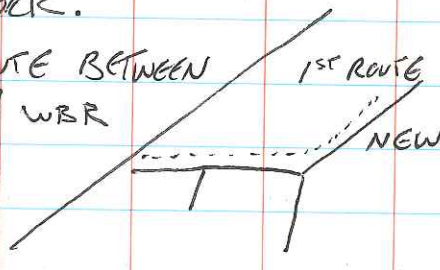
0900 KJL, KEB, CLS ~~AND PAS~~ CHECKED
NETS IN CLOVERDALE (1 TURTLE). KEB
MAPPED CLOVERDALE. WALKED TO HORSE
PASTURE TO CHECK NETS (NO TURTLES).
WAITED ~20 min. for terrestrial flight
responses; saw none. PULLED NETS FROM
HORSE PASTURE AND CLOVERDALE. RETURNED
TO CAMP. KJL + CLS HIKED NEW AGAIN
IN SEARCH ANOTHER ROUTE TO BLACKWATER.
FOUND ROUTE BETWEEN NEW + BLACKWATER
VIA LOST FORK.

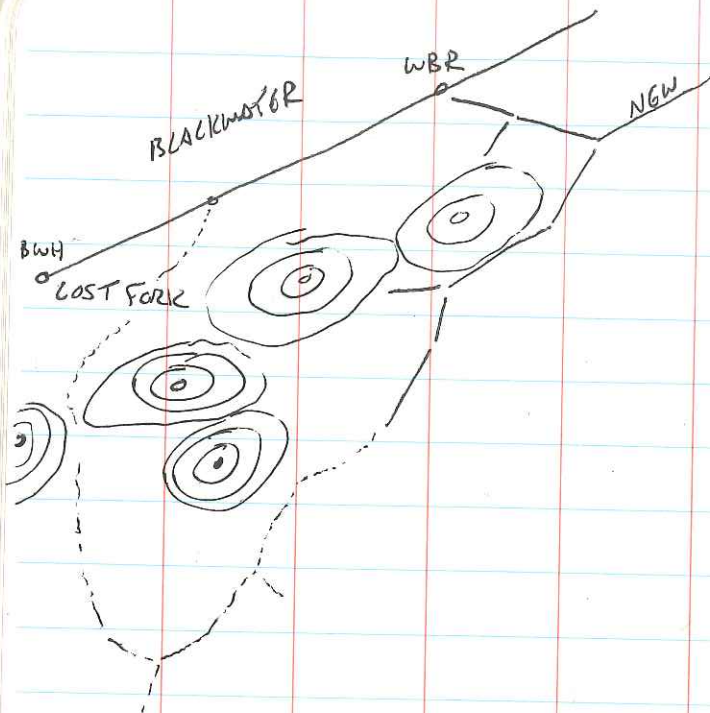
NO CLEAR ROUTE BETWEEN

NEW + BLACKWATER

ABOUT WBR

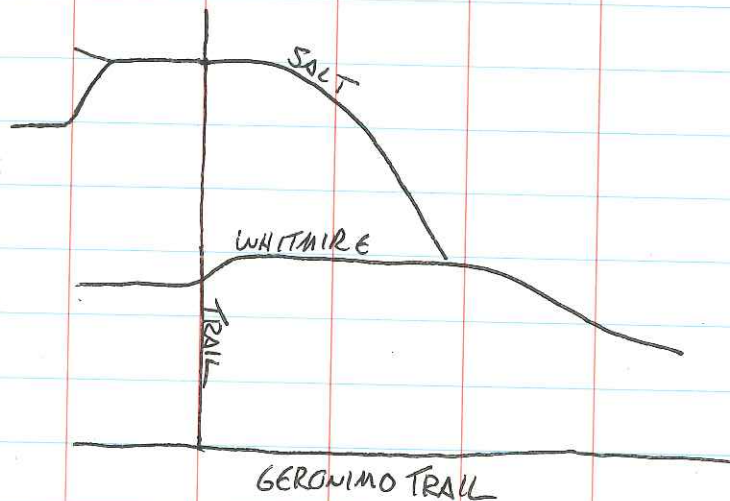
MAYBE





13 AUG 2012

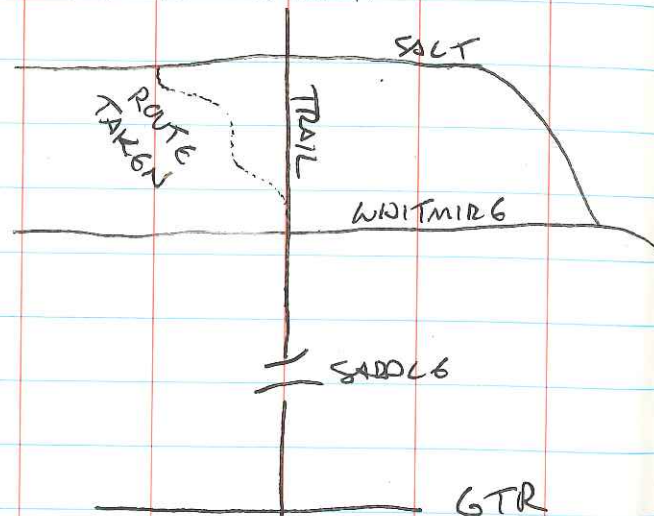
0800 - KSL, JKM, KER, LBR HIKED FROM GTR TO SALT CANYON. NOODLED WEST OF SALT CANYON SIGN (~700M). NOODLED EAST OF SALT CANYON SIGN (~500). CAPTURED 11 or 12 TURTLES. TRAIL FROM GTR TO SIGN WAS MOSTLY EAST TO FOLLOW. HIKED EAST DOWN SALT TO CONFLUENCE WITH WHITMIRE. HIKED WHITMIRE TO CAMP.



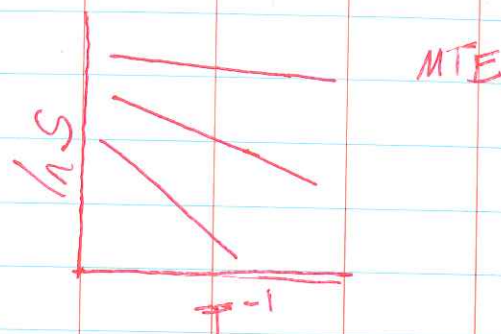
TRAIL AND SURROUNDING AREAS LOOK TO BE IN MODERATE USE.

14 AUG 2012

~0900 KSL, JKM, LBR, KEB, ULS
 HIKE TO WHITMIRE CANYON FROM GTR.
 HALFWAY TO SALT CANYON KSL ~~FORGOT~~
 LOST THE TRAIL. HIKE NORTH BY
 NORTHWEST ACROSS TWO OR MORE
 RIDGES. ARRIVED IN SALT CANYON
 TWO HOURS LATE AND ~1.25 KM
 WEST OF DESTINATION. NO TIME FOR
 REASONABLE NOODLING AND SAMPLING
 EFFORT. HEADED BACK TO GTR AND
 ARRIVED ONE HOUR EARLY.



16 AUG 2012



HIGHER AVERAGE SPECIES
 RICHNESS SHOULD HAVE LOWER
 ACTIVATION ENERGY

