

Projects (continued)

Pics cont
March 2013

B.R.F. - view from rocks and dam

Buckhorn Canyon/Foster Draw T
several views from a small oak
pic of oak

Foster Draw erosion at MO4

March 2013 trip
Pics - BW Hole - usual cycles +
willow buds

BW Canyon parking lot

Animals - 2 ~~mag~~ mag

1 default one zoomed

Tree - I stood right in front,

License plate

mutant Tree Pool - 2 views
Rock from where pic was
taken

plant in flower 1/4 MTP and WBR

GRASS w/ inflorescence " " "

WBR - several views / 1 zoomed
pic of stump I was standing
at

Swag Post - from Swag

Several views

Then a couple of the pool itself

Big Gravelly - from highest road by wall
(GPS)

several views (up/down canyon)

(ridge other side)

18 March

19 March

Buckhorn Canyon

at fence / by fence (up/down)
up/down 1/4 2 large pools

mapping notes March 2013

17 March 2013 - mutant tree pool
continuous w/ pool below MTP

deep pool fused ^{into} ~~the~~ 3 pools

mapped last fork above trail
to 2 pools above deep pool

mapped last fork below trail
to ~~the~~ 5 way pool

JKM tracked 2 things that
PAS estimated (at least)
2 pools above Deep pool
by pool above WBR

WSN - mapped a huge Y
of water

continuous from trail head above WBR
to well into WSN - mapped
begin and end (cont up WSN)
tracked several things

18 March 2013

BLF/PAS

mapped Bu canyon
Bu Hole to Deep pool

19 March 2013

PAS mapped Buckhorn Canyon

Foster Draw to 3-way
3 L at T 16, 16, 75 m²

~~last ft survey points~~

found a small Jan 4th Foster T
and 3-way - mapped

huge continuous flow Cont 9
ca. 3 m wide (x) up to 10 m wide in
places

Cont 10 pops up (pics taken)
L 24 m² is at badly eroded cliff wall
~~stopped mapping at MTP~~ ^{mapped} Foster to 3-way

16 March 2013

Arrived in camp ca. 2 pm
PAS, KJL, JKM, BRF, BR Benson

hiked to BW Hole - set 2 med nets
BW Hole is full - flowage over dam
roughly 1994 sized

Clackson Gorge/BW Canyon full of
New H₂O

17 March 2013

KJL, BRF hiked to Javalina
PAS, JKM, BRB in BW Canyon

nets empty
found 2 fresh dead ♀♀ in BW Hole
- pickled

found 1 fresh dead yearling ♂ in
below BW Hole - pickled

found old shell in BW Canyon
- GPS

JKM collected ca. 13 samples
from same pools as August

PAS mapped and took pics - see
previous pages - smothered some

No bugs or turtles
(very few) (only dead)

No zone-tailed hawks
no lizards

No Rabbits, deer, etc

New Can Jays in Camp

H₂O cold

18 March 2013

KJL/JKM/BRB dropped off at Suahili
hiked to Buchanan - invertebrates, maps, photos

PAS/BRB mapped BW Canyon
Down to Deep Pool - covered to Suahili
water everywhere

No turtles in BW Hole - pulled nets
no turtles excavated whole map
smothered a little

saw a lizard

took lots of pics - flowers, landnails
(Big 6)

PAS/BRF drove to Buckhorn
set 2 medium nets

Tracked Buckhorn

found 2 dead turtles

(JKM/BRF would find 7 more tomorrow)

Buckhorn is huge wider than ever
flowing over dam a trickle, flowing
around dam a bit

pics taken by BRF

saw red-tailed
hawk
somewhere

19 March 2013

Failed to get Diamond A permit
- nobody home

Dropped KSL/BRF off at SW
entrance - they will map to
Swag Pool, then crossover and
enter Now Canyon, then map it,
while setting Garlock in the Grotto

PAS/JKM/BRF went to Buckhorn
caught 1 turtle - pulled nets

JKM/BRF collected invertebrates took
pics, collected 6-7 dead turtles and
5-6 dead fish - turtles above the
dam, fish below - all on land

PAS mapped Buckhorn Canyon to
3-way Dam (JKM tracked 3-way)
mega water all along path

found a small dam in Foster draw
1/4 Buckhorn Foster T and 3-way
saw deer along GTR on Diamond A
(ca. 5 together)

saw red-tailed hawk in Foster draw
still conspicuous absence of most
everything, though there is everywhere
JKM did invertebrates, BRF took pics
at 3-way
JKM done on a turtle at 3-way

ken 17-19 march
reminder

PAS cant 19 march

PAS/BNE piled to Hunt
mapped H₂O - much of it
took pics

The silt (lot of it), the Dam - broken
at bottom of plate, bowed,
cracked and chipped
~~was~~ helped us decide Hunt
Tank Repair was hopeless

PAS JKM BNE went to Blackccc
was H₂O but much reduced
tracled, PICS, INVERTS

JKM/BNE went for PICS/INVERTS
at GST and Clanton Tank?

PAS processing 7 dead turtles

Dead turtles from Buckhorn

Mark	sex	mech		
2126	♀	140.5	entire shell	
2227	♀	113.9	"	"
2230	♀	111.6	"	" MISSING 1, 10, Nuchal
2244	♀	101.9	"	"
2064	♀	99.3	"	"
2237	♀	100.2	"	"
UNM	♂ ♀	91.4	"	"

all checked out pretty well
all virtually cleaned out
all have intact shells
no plastic parts MISSING
all in freshly dry areas
near dam

[Ken's 17 MARCH 2013 NOTES ON
DATA SHEET]

18-MARCH-2013 KSL, JKM, BRB

1000 WALKED TO SWAHILI

1100 ARRIVED AT SWAHILI. TOOK PICS OF
SWAHILI TANK FROM 3 VANTAGE POINTS (GPS'd)
SWAHILI TANK HAD WATER ~50" IN DIAMETER.
TREES AROUND SWAHILI HAD NO NEW GROWTH.
JKM TOOK WATER SAMPLES. MAPPED WATER FROM
BELOW SWAHILI TANK ALONG FOSTER; OUTLINED
MUCH OF IT.

1330 REACHED JKM'S FIRST POINT.
MOST WATER IN FOSTER DRAW WAS CONTINUOUS
AND SLOW FLOWING. ENCOUNTER ~10 DEEP
POOLS (≥ 1 M). CONTINUED MAPPING
WATER TO THE ROAD TO BUCKHORN THAT
CROSSES FOSTER DRAW.

SPECIES SEEN ALONG FOSTER DRAW:

- LARGE RED AND BLACK ANT: CAMPONOTUS
- LOTS OF MEDIUM-SIZE BLACK ANT.
- UNDER ROCKS: PHEIDOLE ANTS
- CENTIPEDE: 1 BLuish/GREY
SEVERAL BROWN + GOLD
- ORANGE DAMSELFLY
- STINK BUGS, 3 SPECIES OF MUO BEETLE
- 3 SPECIES OF ROVE BEETLES (STARHYLMIDAE) 4-5mm

- 1 S. SARROVILLI DEAD, ALGAE COVERED
- 1 ELEGANT GRASS LIZARD, DYING
- 1 SABA ORANGE TIP BUTTERFLY (MAYBE)

20 MARCH 2013

INVERTS/PICS FROM NEW CANYON
IN MORNING

Much of New Canyon is interconnected
and flowing

Turkey Vulture
Red-tailed Hawk
several hawks

found freshly dead S. virgatus - picked
GPS

IN PM hit State Line
mapped/inverts/pics from 2
angles - 1 under tree

State Line has been excavated
since Oct - still fresh tracks of
tractor

too close to pond
Huge pile of silt ca. 50m x 20m x
3m tall
it will be deep and bigger

water all along Clanton Draw to pass.

19-MARCH-2013

~1000 KJL + BRB MAPPED WATER FROM
BW CANYON. CLANTON DRAW INTER-
SECTION TO SNAG POOL. TOOK PHOTOS AT
PINE POOL AND ALONG BW CANYON. HIKE
OVER SOUTH SIDE OF BW CANYON TO NEW
CANYON; TOOK SMALL CANYON NEAR WOULD-
BE - RAPIDS UP AND OVER INTO NEW CANYON.
TOOK PHOTOS OF BW CANYON AND WOULD-BE-
RAPIDS FROM ON TOP OF RIDGELINE. MAPPED
WATER DOWN ALONG NEW CANYON TO THE
GROTTO. WATER WAS OFTEN CONTINUOUS
VARYING BETWEEN 0.0 AND 6 METERS. GROTTO
WAS ~7 X 4 METERS. MAPPED WATER
BELOW GROTTO; WAS OFTEN CONTINUOUS
0.0 TO 3 METERS.

SPECIES: 3 Sceloporus virgatus,

20 March 2013 CONT.

PAS/JRM/BRB went to Prospect
Prospect Tank Dry

collected insects all along Clanton
Draw in PM

GPS of dead juv cnemid floating
in pool

KJL and BRB explored
whitewide - notes to follow

21 March 2013

PAS KJL BRB went to Estes Canyon
hiked up semi-trail/canyon to Left
Fork, which leads up to Cedar Tank
below Cedar Tank are some nice pools
Cedar tank Dam is impressive -
~~large~~ natural rock, wedged bth
2 boulders (PAS, BRB took pics)
Cedar tank is full of silt - gravel on top
lots of veg - bushes, 2 willows

hiked up to Cedar Spring
one trough about 100 m below,
could be connected by slide pipe
that was broken in at least one place
trough empty
2nd trough right beside the
spring - also empty
spring capped off - no sign of H₂O

poles scattered throughout Esch
canyon but not nearly as wet
as Clanton/Paster

— full/trough at parking area
was full - one below it was empty
pump manure in parking area

Species seen

Urosaurus - one squashed by foot
red-tailed and 2 raven scavenging
one dead cottontail

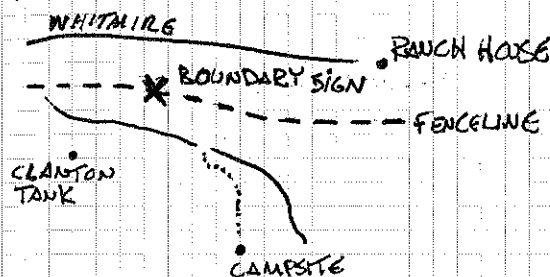
Sun's brany sexy time

PAYBACK
toddler

JRM/BRS wet to
Salt and Whitmire via GST
caught 2 turtles
sampled pks

20-MARCH-2013

~1000 - KSL + BRF ATTEMPTED TO FIND
WAY INTO WHITMIRE CANYON FROM CAMPSITE
SOUTH OF CASCABEL RANCH. SCOUTED ROAD
FROM CAMPSITE TO CANYON NORTH OF CAMP.
WALKED CANYON & FROM NORTH OF CAMPSITE
TO ~1 KM NORTHWEST OF CLANTON TANK.
CANYON PESTERED-OUT UPHILL TO A SADDLE.
GOING FURTHER WEST WOULD NOT REVEAL
A PASSAGE INTO WHITMIRE. WALKED FENCELINE
FROM SADDLE (NW OF CLANTON TANK) ALONG
RIDGELINE TO W/IN 1 KM OF CASCABEL
RANCH HOUSE. SAW NO INLET INTO WHITMIRE.



1400 - KSL + BRF MAPPED TREES (NOT JUNIPERS)
IN CAMPSITE (RIGHT OFF GTR + JUST INSIDE NAT'L
FOREST) N = 52. EACH TREE GOT A PHOTO
OF THE FULL TREE, A PHOTO OF THE LEAVES +
BARK + GPS UNIT TOGETHER.

22 March 2013

All hiked to Javaline
SW canyon pools, SWH, Javaline
all holding H₂O pretty good from
a few days ago.
Javaline Tank only a few inches
deep and much reduced
ca. 10 x 20 m (tracked 2x)
lots of cow hoof prints all
around Javaline - I walked
around tank and saw zero dead SNT

(JKM/BAB/BRF) caught
2 recently dead turtles at
SW Hole - makes 5 all
in similar decomposition state
from a few days back
(i.e. they all died around the
same time)

cold, cloudy morning

entire group hiked over a fence
up route to South Hole - it looks
restorable - dam appears solid,
working draw, no pbde, nice
field to dump SNT

it is full to the rim though
and the path up might be tricky
not to mention permission to use road

WJC/BRF hiked back to Javaline
to map trees - stay turned for notes

PAS/JKM/BAB hiked to Maverick
Spring - PAS mapping/picture taking
JKM/BAB insects

so far 2 huge continuous runs and
a scattering of pools - most the
I've seen here

JKM saw 2 turtles basking
on hike into Maverick (GPS)
Caught one - basking on rock
in middle of big pool

I've been looking and occasionally
snatching but nothing so far
mapped Miller 4 to Maverick
much H₂O

JKM caught another turtles
a ♂ #33 (# clear)
either - long-distance migrant from BWH
or - 2008 hatching
shell wear suggests former

JKM BRS getting Cloverdale Canyon
inverts (above the Y)

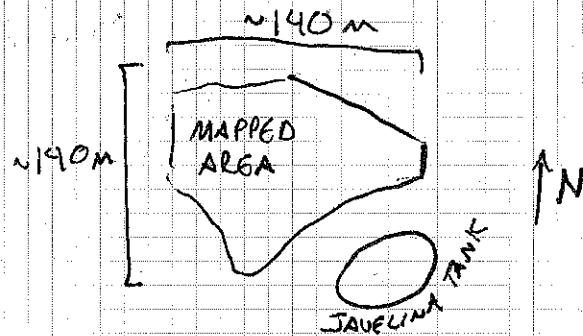
not mapping Cloverdale Canyon
mapped /inverts Sauron's
pickled dead hatching
put in ~~6~~ w/ other
yeasting - today's is smaller

22-MARCH-2013

1230- KSL + BRF HIKE FROM SOUTH
HOLE TO JAVELINA TANK; took lunch.

MAPPED TREES (N=86) NW SIDE OF
JAVELINA TANK. MANY JUNIPER + OAK;
FEW PINES. MANY JUNIPER HAD WHAT
APPEARED EITHER PARASITIC PLANT EMERGING
FROM BRANCHES OR STRANGE NEW
GROWTH. ALSO MAPPED DOWNED AND

BURNED TREES. FOUND A TREE STAND ~15' UP
ONE JUNIPER.



SAW DARK EYED JUNCOS (~20)

23 MARCH 2013

~0900 - JKM, BRF, KSL HIKE UP TURTLE CANYON
TO COLLECT SAMPLES FOR JKM AND MAP
WATER. FOUND SEVERAL CONNECTED POOL
COMPLEXES AND POOL COMPLEXES WITH
SMALL AND MEDIUM POOLS. SAW ONLY ONE
LARGE POOL.

May 2013 trip

17 May 2013

- Marie Stone (MEBS), Ken Locey (KJL), Jeremy Massengill (JKM), Kristen Bliss (KEB), Chelsea Smith (CLS), Laura Kimmel (LBK), Jarrod White (JWW), ^{David Saxton (DWB)} arrived at the Coronado Forest ~~at~~ around 1100h (MST). We saw a live bullsnake on ~~the~~ 338.

Hiked up to BWH and set a large and medium net. KJL, JKM, and ~~DWB~~ hiked up to Javalina with two small nets at 1340h. Water in BWH is ca. 0.5m below top of dam. Saw orange ~~flies~~ dragonflies and blue damselflies.

We heard the Zone-tailed hawks. Met Border Patrol (2 agents) on trail near Would-be-rapids. They said it's been really dry.

Water to noodle & GPS

- base of dam
- small ~~puddle~~ puddle in Big Gravelly (no turtles) ~~MEBS~~
- small puddle in Deep Pool (no turtles)
- small puddle/damp spot below Murant tree pool (no turtles)
- medium pool in near top of Would-be-rapids

Walked canyon to ^{1st} pool in Would-be-rapids then back on trail. No water in canyon to this except for areas listed above.

Just to clarify, MEBS and group walked Bwcanyon from BWH to top of Would-be-Rapids and stopped at first pool.

Date written; hike to
18 MAY 2013, Javalina was 17 May 2013
- KJL, DWB, JKM HIKE TO JAVELINA
TANK. JAVELINA TANK WAS DRY. SIGNS
OF WATER STRESS EVERYWHERE IN VARIOUS
TREES & SHRUBS. HIKE DOWN SAURON'S
CANYON TO CLOVERDALE CANYON; SAW NO
WATER. WILLOW NEAR JAVELINA TANK STILL
HAD LOTS OF GREEN LEAVES. SMALL
HERBACEOUS PLANTS STILL PRESENT IN SAURON'S.
SAW NO BIRDS OR MAMMALS OF PARTICULAR
INTEREST. DID NOT TAKE PHOTOS.

18 May 2013

Hiked to BWH. Checked nets & reset
with old bait; will change bait on way
back from Maverick. Caught four turtles
in nets. Made track of BWH.

Noodled & GPS'd pool below dam.
No turtles caught in pool. Saw three
White Tail Deer. Saw border Patrol
Then hiked to Javalina at trail near
WBR; they called New Canyon "Beehive
Canyon".

Then we hiked to Javalina, ~~for~~ and

later on to Maverick Spring. We saw
three mother and baby cows ($n=6$)
near corral at spring. A few
good pools were found in Maverick,
but mostly dry. In the canyon below
pools we found a Sonoran whipsnake.
Hiked rest of canyon to Sauron's,
and walked up Sauron's to
Javalina. JKM took soil samples
for Jocelyn Bidlack. We took
photos for BRF.

We reset the nets at BWH then
hiked ~~down~~ to the car. Paul Stone
(PAS) and Benjamin Faught (BRF) were
at camp when we arrived. They
noodled BW canyon & GPS'd what
little water they found.

19 May 2013

Checked and reset nets at BW Hole. Caught three turtles, ~~one~~ and one was a capture from yesterday. Mosquito Pool is fairly large (ca. 10m²) but not deep enough for a net. JKM & DWB did initial data collection before we noodled. JWW didn't find any turtles; maybe flight response before he noodled? It looks like a turtle should be there. We plan on checking again tomorrow. We reset all four nets in BWH. Then hiked down trail to meet JKM & DWB.

After ~~finishing~~ ^{leaving} BW Canyon, we went to Beehive Canyon (formerly New Canyon) and set a medium net with garlocks (sp?).

We saw a female ^{diapontia} turkey driving to BW canyon, ~~forced~~ ^{diapontia} capitation in the grotto, immature leaf hopper at camp, a tarantula hawk in the grotto, ~~JKM~~ JKM saw a bullsnake at BW Canyon (Would-Be Rapids), a

Gamble's

~~Quail~~ Quail on the road. Later at camp we found a coati skin and two deer limbs hanging in ~~a~~ ^a tree near the pasture behind ~~the~~ camp. If they are still here at the end of the trip, we will take them home.

20 May 2013

On ~~the way~~ ^{before} Gerodimo Trail to BWH, we saw deer, turkey, and a rabbit. Today seems hotter and there's less wind. Checked and pulled nets at BWH. Caught four turtles. JKM & DWB did invert. sampling at Mosquito Pool & BWH. Dropped Kristen at camp to let her feet rest (serious blisters) and MEBS, JKM, DWB, and JWW went to Beehive Canyon. Pulled the net, and

it had one turtle in it. JKM & DWB continued in the canyon for invert sampling, and MEBS & JWU returned to camp & picked up KEB. All three went to Clanton Tank and set a ~~to~~ small & medium net ($n=2$).

While setting nets JWU saw a Mt. Lion that he startled. He said it was about 2m from the water, then it ran up the nearest slope.

~~the~~ JWU also saw a small, dark frog jump into ~~the~~ the tank from a rock. We also heard several frog "barks" while setting nets. Two ~~Mexican~~ mallards (Mexican?) flew over the tank.

Shortly after returning to camp, two vehicles (Jeep Cherokee & Foverunner) with the AZ tags drove to end of road behind camp, sat for about 20 min, then left. In the meantime, PAS, CLS, & BRF arrived in camp. They stayed the night.

When driving on Geronimo Trail, we saw a roadrunner, ringtail, red tail hawk. And consensus on the skin is that it's deer.

21 May 2013 Tuesday

Entire group to Clanton Tank

Several frogs seen, some photos
heard some croaking

unclear if juvenile bullfrogs or leopard frogs

2 nets - empty and pulled

Ryan - photos Jeremy - bugs, tracking
Marie - depth

Clanton tank down some

Entire Group to Clanton Draw Dam

Really nice pool above dam
mapped and measured

small pool below dam - GPS

wooded - no turtles

Jeremy - bugs

JKM, CLS, BRF, DWB to turtle
canyon and Clanton (just getting bugs at Clanton)
caught 1 turtle in Turtle Canyon
1 turtle in Clanton Draw

Jeremy wrote notes - 1 pool in Clanton Draw
(at JKM pools)
1 pool in all of of
turtle canyon

PAS/MEBS/KEB/JWW
set six nets 14/2M/35
in Buckhorn

met a Gault ranch hand - he said
14 inches of snow in march/winter?
(some time period)

nooded pools below Buckhorn - caught 2
JWW nooded one from Buckhorn itself
found 1 shell by dam on parking
~~lot~~ side

MEBS/PAS hiked Buckhorn Canyon
to T, then to 3-way Dam
big pools in 2 places beyond Buckhorn
one just beyond fence
one well above fence (well below dam)
no other water

pics of fence (up/down)

pics at T (panorama then one where
pic took)

MEBS found a hummingbird nest
3 m below fence (1st tree above fence)
hummingbird landing on nest - took several
pics of nest and parent

3-way very low and filled w/ consistent
No H₂O below dam
one small pool above dam separated
from ~~rest of~~ large pool at dam
Hurt tank dry - Hurt Canyon too

Saw deer, turkey, lots of quail
some lizards - no snakes (by me)
bullsnake, whip snake by others
saw several squirrels

saw thyla arenicolor in pool beyond
fence in Buckhorn Canyon - not collected
GPS

Blue Heron in Buckhorn
2 ducks ~~in~~ Buckhorn

22 May 2013

entire group to Buckhorn
caught 31 turtles (ca.) - reset nets
DID invert samples IN Buckhorn
(but not Buckhorn) and 3-way Dam
(saw ducks in air near camp last night)

BRF/CLS/Janed

hiked Buckhorn to Hunt

took pics etc. - looked at canyon etc.

much Manzanilla removal on slopes around Buckhorn

traveled Buckhorn, mapped pools below all down there except trapping and Buckhorn insects

MERS/Janed left at lunch
all except BRF/CLS went to Diamond A
- got permits

wooded Clanton to Fink
hiked to top of half mile pool
looks like plenty of H₂O - will
hike tomorrow 1/2 mile set 1 net
net in Fink pool

mapped the area - 3 clusters of pools
from fence to Fink (including Fink)
1 turtle

insects from 3 clusters of pools

collected a Deer jaw from Clanton Tank (SRS)
collected a Deer skin/loss from Camp area (SRS)

sent 5th home w/ MERS

BRF/CLS mapped ANTS and lichen
around camp

Saw turkeys on road to Buckhorn

Saw deer on GTR

Paul had a tirade after lunch
and after dinner

23 May 2013

PAS/KES dropped off others at ~~the~~
Foster Draw by Buckhorn (9 AM)

they hiked over to Swahili
and then we picked them up at road
(normal trip in reverse) (ca. 1:30 PM)
they found ca. 5 pools, caught 4 turtles
collected insects, mapped, pics

PAS/KES checked and reset at Buckhorn
caught 14, mostly new for trip
we then went to Fink pool
checked and pulled empty net

3 PM BRR/CLS went to Valeri's Ranch
to hang out w/ hydrologists (Friday)
and Gabe's Builders (Saturday)
DWB/KES took them

afternoon in camp w/ Jeremy

To Do:

Buckhorn (pull net/insects) Friday
wash nets - set in Cloverdale

check Cloverdale, move 1 to HP tank sat.

pull Cloverdale, pull HP, pickup Ryan/Chelsea
SUN.

AZ/GST/Clanton/News MON

Salt/Whitmore SW Hole TUES

one last thing drivers Monday wed

SW Hole Clanton Tank alone Thurs

23 May 2013

KES

BULLSNAKE FOUND ON ROAD, 7/10 of a mile
past mile marker 30 on HW 191 going North.

KES AND DWB WERE DRIVING South on HW 191
Roughly 19:00 or 19:15 AND SAW A juvenile

BULLSNAKE trying to cross the road. We turned
AROUND AND headed North to get it out of the
road AND pulled off roughly 20m from the
snake with our hazards on. As KES was
getting out of foot towards the snake a white

truck swooped off the road to hit the snake.
The snake was hit AND killed instantly. We
collected the snake in a plastic sack AND ONCE
we arrived at camp put it in the ice chest
overnight. In the morning, approx. 7:00 we
injected the snake with formalin using a
20 or 22 gauge needle AND coiled it into a
large collection jar fill of formalin.

PAS/JKM hired down near bottom
of ~~Down~~ flat mile post

nooded 9 turtles

took pics

saw 2 Hyla arenicolor
(maybe 3)

KES/DWB back in camp approx. 10:30 PM

24 May 2013

Group of 4 (PAS, JRM, KPB, DWB)
alone for a few days
pulled Buckhorn nets - caught a
bunch w/ many new ceps (for 4 is top)

collected 4 sunfish (28, 29)

DWB looked for shells around dam
for 45mm - 60mm - found none
during systematic search

Saw a roadrunner on road from
Buckhorn

Caws at water tanks and Bladell all
much shot at Buckhorn and 3-way

Saw a deer in camp
bleached nets in camp

Drove to Cloverdale
both ponds much reduced
set 1 med, 1 small in little part
set 1 L, 1 M, 2 small in big part

2 ponds widely separated
JRM tracked both

big pond ~~2731~~ 2751 m²
little pond 674 m²

2 Ducks on Cloverdale
Cloverdale 5-10m slow normal bawls
Buckhorn ~~net~~ below dam
ca. 1M
Depth measurements
and tracks

15 May 2013

Cloverdale - on Drive SW 13 mile deer
3 white tail in group / 1 turkey in a group
6 pronghorn " 3 pigs (javaline or peccary)
in group ?
Battalion

checked nets at Cloverdale
1 turtle in small pond
collected sunfish, measured sunfish, took pics
collected core one who, insects etc.
cleaned 2 small small nets w/ Bleach
for transfer to HPT
of tanks
took pics
pics of sunfish

24 - May - 2012 out of order

DWB hiked from camp and found northwest passage to Clanton tank.

Went up canyon from tank towards the tank.

Roughly 200 m up canyon is a series of 6 gabions.

5 are man-made and one is natural. One had water behind the ~~dam~~ dam (natural)

Along canyon spotted 5 coati roughly half ~~way~~ way to canyon.

At Clanton tank there was 3 ducks in the water and a Red-tailed hawk.

25 May 2013

4 of us up to HPT
pretty full-tracked, photoed
set 2 small nets
caught 3 turtles on TFR

found 2 shells

Saw Horned lizard (Phrynosoma cornutum)

took pic of possible date inscribed on Dam
pretty good road to HPT - well used and
continuous to HPT

2 Deer GPS of survey marker

Eyeballing a route to Cowan
Take wash after 2nd gate (1 km)

hiking the NW passage to Clanton
in the afternoon

pickled 4 fish from bucket (2♂: 2♀)

" 3 " "

cloverdale spring (bigger)
smaller, narrow
narrow pond
for

Hiked Turkey Canyon from
camp to Clinton Tank
6 (or so) big gashons with
early W wash - at least one willow
around gashon

many big logs down in canyon
a couple make natural gashons

hike is smooth, gradual, short
I'll never again climb the hill
to Clinton Tank

JRM, DWB tried for ca. 45 min
to find frogs, no luck

mapped gashons, logs, willow at gashon
willows around Clinton Tank
cottonwood " " "

traveled entire way
took pics of a lot of stuff

huge cliffs eroded away
b/t camp and ~~beginning~~ where
~~the~~ canyon leaves road
took pics

Douglas List

2 bottles camp gas

46 coons light (falls if possible)
pint of milk

6 Coke Zero

1 pack American Spirits (Black or Tongue)

26 May 2013

Went to Cloverdale - ~~zero~~ turtles
and HPT - 6 or so in nets

3 shells, one alive on bank by dam
pulled all nets and bleached in camp

Talked to Gault's guy - he was pissed
that we had entered the NF onto
Gault's lease through Hadley property
he said Meina would be very cross
I didn't know it was Gault's lease
I didn't know it mattered

This guy said HPT ~~about~~ never (in his 9 years)
went dry

found 3 shells around tank all hatched
adults

Gault dude said there was access from Natl Forest
to HPT

also collected a by egg from trail
to HPT

returned to camp - I drove to
El Coronado to pick Cheba/Ryan
up and to get ice and drinks
it's a solid 3 hour drive

had beers w/ Jos. Austin
CIS/BRF caught 3 turtles marked by JC
chiricahua are much bigger than
pelonillas, everything is grander

Jos. said we are welcome to come back
in August to catch turtles, thinking
of a JC / NM turtle crew at the
El Coronado for a weekend

Drove home - not fun in the dark
saw a bunch of rabbits on road
not much else

? Taylor House? on GTR just below
Esos Canyon has been vacated
by Border Patrol

they got insects, pics, map, fish at GST
tensed around w/ frog shadow at clinton

27 May 2013

PAS/JKR/DWD to Prospect/State Line
both dry

strong hiked Turkey Canyonette
to Clinton Tangle - tensed again by traps

we saw deer, rock squirrels, rabbits

Hiked/tracked/nailed top & bottom
of 1st wash above camp

tiny little wash in the saddle of a
curved hill - wide silty area looks
like part of older, larger wash

Contest - who can find the coolest
thing - afternoon

hiked up 2nd wash above camp
to top - GPS - going to find a
route to Clinton - starting track
at top of 2nd wash/stopped at road

on top of mouthwash that feeds 2nd wash
Easy from here to Turkey Canyon

Big Side Canyon at Turkey Canyon
may NW all the way to GTR
lots of Ocotillo up here

neither 1st or 2nd wash seem productive
for turtles
stopped tracking at top of wash
made 2nd track of wash itself
on the way home to road

took pics of flowering plants

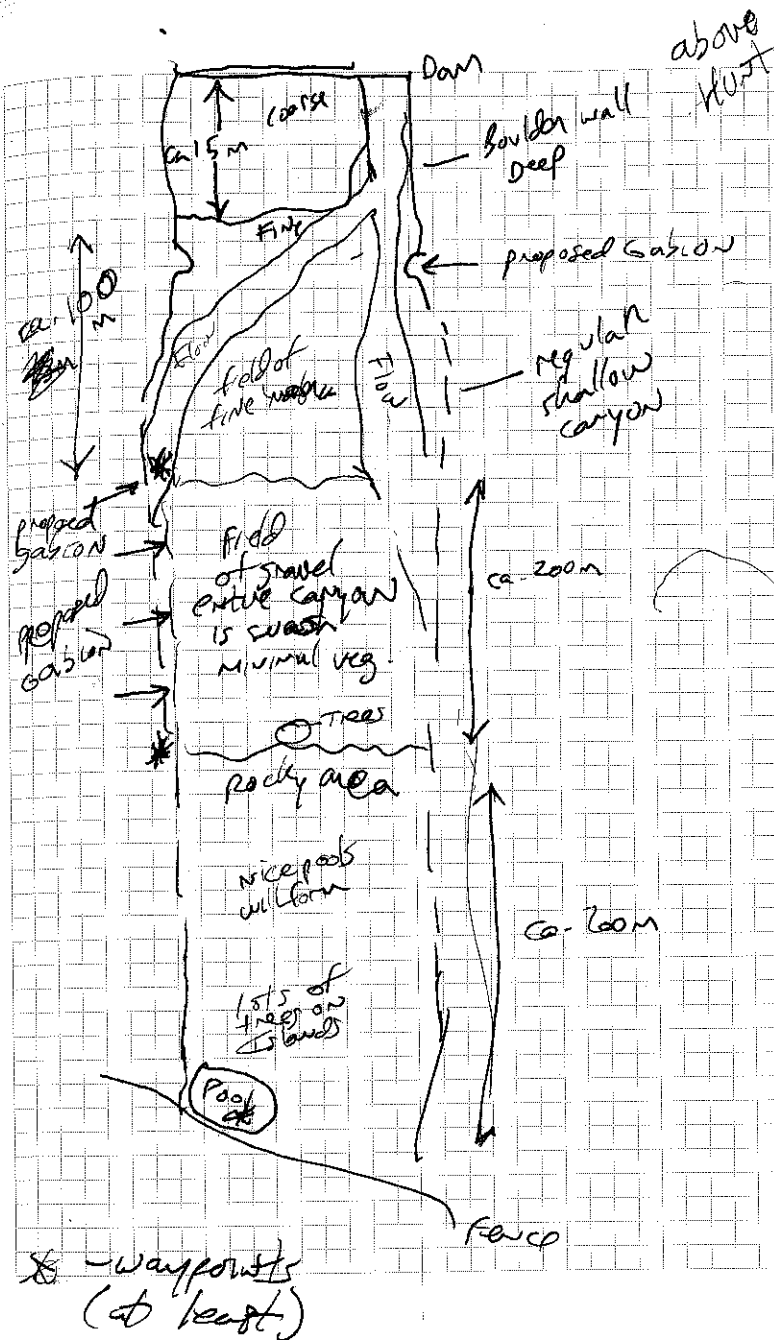
28 May 2013

JTM and 3 others went to Salt/whitewine
Plan is for JTM/DWB to do Salt
and KEB/CLS to do whitewine

PAS/BRF went to Hunt
walked above to fence line
tracked

Large pool at fence - did not reach
300-500 (no data pic)
fence is ~~300-500~~ m ~~up~~ above Hunt

from Hunt Dam big pile of coarse
material against most of dam
fine material above that
and around area where Hunt
drains along dam - gation containing
coarse material seems
Field of fine material extends another possible
100 (ca.) m 2 narrow channels appear
to accept most flow



One of these channels is badly cut
and is a proposed site for a sabion

next 200 m (ca.) is a regular canyon
w/ a field of gravel & substitute
few plants or boulders, w/ entire
canyon functioning as a wash

3-4 sabions here might make sense

next 200 m is rocky canyon w/
plenty of boulders, exposed bedrock,
grasses and trees

no actual talus here - good for
all

Took lots of pics and waypoints

Large pool to 3-way = 600 m

Large pool to Hunt Gdbl = 200 m

Hunt Gdbl to Hunt Sgabst = 112 m

Hunt Sgabst to Hunt Dam = 97 m

Hunt to 3-way = 224 m

approximate distances

Hunt Tank

The Dam - cracked and bowed
rocks along bottom are loose
metal plate warped and rusty
torn loose from bottom wall

other side of Dam (downstream)

water and silt leak out readily through
big gap in bottom of plate
large pool forms at base of Dam
all dry now, but during rainy season
the area b/t Hunt and 3-way has
abundant water and ample grass

Hunt Tank has raised the H₂O table
in this area and turned it into stable
ground w/ a high percent plant cover
not much silt washing into 3-way from Hunt

above Dam - much of original tank not filled
with silt, coarse pile of material in most
of area around Dam - see map

PAS/BRE then hiked to SW hole
set 1 med and 1 small net

loded around up canyon and decided
Sitt was already being trapped
naturally - no further action
needed to be immediately taken

JRM and party found NW passage
to Satt/Whitmore - they were
back in camp by 2 PM
(then sat around rest of day)

PAS/BRE set 1 med / 1 small
in GST

Saw zonetailed hawk by Pine Pool

~~29 May 2013~~ Maira Gault
and Mark (foreman)
~~PAS/BRE~~ were in camp when we
got back - so were KJL and
L Kinnel

we talked a while - everything
is fine w/ relations

29 May 2013

PAS/BRE/KJL/KSK went
to SW hole - caught several w/ no
Amersides from earlier this trip
Took pics

others went to GST - caught a few
caught and pickled some fish
packed up and left