

13-May-14

LIBH & JH Woke up in  
tank and injured in back  
Arrived headed to Pusan  
Demings set camp and  
to set Japanese tank, took  
Califormia gun, RC  
Bore and got  
Boat to Japanese tank.  
Bach had again  
due to very steep road  
Took northern route  
and tried to take the south  
on wrong day. The tanks  
passed one by one  
tanks and I  
Japanese passed late  
Coliformia gun  
and took  
Bach had again  
due to very steep road  
Took northern route  
and tried to take the south  
on wrong day. The tanks  
had mostly mud banks  
and rocks between them  
so nets were used to catch  
sharks and backswimmers  
Shark locks and back  
stalne, Bach swimmers

scuds (no fish) in the  
tank and built in back  
cous.

Saw lizards, American  
Rocky Mountain lizards,  
Lizards seen @ river (5th May)  
Zards seen in  
Coliformia gun  
Tanks seen on bay by  
them possibly not reef?  
Zards seen in  
Coliformia gun  
Zards seen grey  
seen around Rubber  
green, Zards seen  
olive-bellied Zards.  
Also  
Quail on way in  
So saw  
go to Raya, took  
pictures.

14-May-14

Very windy night. Moved  
tents behind wooden  
earthen bank. Placed nets  
at entrance to tank. Saw  
2 deer on way. Caught  
+ 3 new captures (2 adults  
+ 1 juvenile). Opened  
samples from the new  
adults. Recently taken  
over to Africa for  
skins, + expensive  
jewelry (but dead)  
Tents balanced to windward  
Good tanks to set in.  
Tent was set on a side  
out mostly dry too  
+ set nets. Continued  
east on ridge. Set  
nets at mouth of stream  
with driftwood banks.

some gravel. Cow shirt  
seen where vegetation  
growing from the bottom  
about  $\frac{1}{3}$  of the  
tank. Set 3 medium  
nets + 1 small net  
+ 1 dog border  
net. Saw 2 deer on way  
+ 2 more on way back.  
Sam large fox holes  
at tent, think thunks  
bull frogs.

Not its name  
→ Not alive or dead

15 May - H. live in the sand  
Changed to tan & orange tan  
Very light, very bright  
Lives in sand, stays close to rocks  
to record from subjects.  
Takes nests & decays them  
in tanks popular with the  
wasps & ants. Tan (or brown)  
was given. We set it in sand  
in a concrete dish at one  
end of a grave  
The tank has  
a rocky inlet on one side  
the Dan. e. along with  
neglected vegetation  
came back to play after  
which he was seen to  
have dug a hole 10  
feet 8" deep samples  
of soil & caused 10  
Caught one marked H. H.

May be marked by David  
Had soft talons  
with Michael (at Ruby).  
With made a pastel dinner,  
dark dishes in the  
dark dinner. The day saw  
Quail Geese (same ones  
probably) and numerous  
Doves below Dart (TBD). Also  
seen by Dull. Saw  
dots come out of Ruby.

16-May-14

Checked nets @ TBD,  
got  $\frac{3}{2}$  pages of  
turtles (blood samples).  
A lot of juveniles 5-6  
years old caught.  
Checked most  
of them. Caught  
some ~~turtle~~ <sup>Brachy</sup>  
carpines / gos. Caught  
a large one. Caught  
station complete. In  
fact some (4) had pop  
out. Saw numerous deer  
and a few squirrel  
on my walk. Big  
giant ones though  
big see gray squirrels.

17-May-14

Checked nets @ TBD,  
only had  $\frac{2}{2}$  new,  
mostly stock blood (not  
needed) (for  
complete (20 turtles)  
DofT TBD population.  
(We did get a few on Dart  
recaptives) We reset  
all nets pulled Ruby to  
clean nets before  
scuttling in town  
here. Cleaned  
bleached nets. Also  
experimented with using  
staining bodies cutting  
rope on Garlock's  
staying the barch stake  
seems to work. We  
used 3 noose sections  
on each Garlock ( $\approx \frac{1}{2}$ )

(noobles total) We set 1's net in Town Lake. The lake is very low. The aquatic vegetation present last August has died, covering up the sandy bottom. We set 6 medium nets in Mineral lake Z in front of the beach and 2 further down the lake. We used a circle of chicken wire nets.

We saw a roadrunner on the Ruby property.

18-May-14

Pulled Net out town + Mineral abyss + mine camp. Got 3 sources (all August reaps) out of Mineral. Only caught 1 fish. The new sand is good base to town. Much sand. Pulled nets at 3 by 3' semicircles. Headed home through Aci Vaca

3-August - 14

LBK, JKH, DWB left main camp (Peloncillos) early in the AM (~8:30). Camp had gotten plenty of rain, and we were not sure we would be able to cross the pass. We did cross, the deepest water we encountered was about  $\frac{1}{2}$  way up our reg. Drove through Douglas & B3ber. Stopped in Sierra Vista for 1+20 + food. Drove into the Huachuca's & found a nice campsite ~2000m from Mud Springs on the other side of Mato-zero canyon. Set camp & walked to Mud springs. The water level seemed fairly typical even though the area ~~had~~ clearly received plenty of rain recently (lots of green grass).

Vegetation, moist roads/soil, tons of moss (vitex), moss/dull blanket layer + trace of Mud Springs bottom was still present. JKH trashed water level + fence. LBK + DWB set 4 M nets. JKH saw GPS that Mud Springs puddles/creek was the same creek running behind camp. So we started to head to our way back towards camp. Caught 1 unmarked juvenile. We needed 500 m in ~5 hrs so we started to Smith it through the length of the canyon. Water was less covered by flowing rocks. These were present in many areas. Saw tadpoles tree frogs (we think) and dead beetles larvae in

4-August-14

creek. Saw deer tracks.  
Earlier, on highway leading into the mountains we saw a red-tailed hawk. We saw numerous lizards & small birds around camp. Thin green 1/2 of a mile to the green right outside the Mud Springs fence. It had the so marked. Lots of dragonflies & dragonhawks at Mud Springs, also at Mud Springs. Thick vegetation in great surrounding Mud Springs to the banks.

Early in the AM LBK + DWB saw female hummingbird at camp. LBK, DWB + JHN drove to Mud Springs & checked nets. Caught 5 caps, pulled 2 nets, reset 2 nets. Explored fence area & found another turtle shell (Fragments) outside of fence. Saw small ground bird (Quail?) on way out LBK has pictures. Drove to Lake Dow Pools then walked in. Set 2 nets in catch pool. Had lunch & looked around a bit. Hiked out. Drove back to Powder Canyon two horned lizards killing & set out of PCLD. Caught 2 more back to Mud Springs, checked nets, no turtles. Pulled net + set 1 in Mud Springs. Spent w/z hr combing the

Planned for turtle shells.  
Left & drove to Double Tanks  
which share the same water  
as Mud Springs. They  
are two decent sized ponds  
of few hundred meters apart  
in Montezuma Canyon Rd.  
has a coffee fence running  
through it looks less  
permanent than the other  
Set 1 net in each tank.  
Killed night hauls  
three every night. Both  
tanks had mostly muddy  
bottoms & vegetation surrounding  
the tanks.

5 August - 14

Checked net at Mud Springs,  
no turtles. Went to Parker  
Canyon lake Dam pool! I  
had taken with out  
bumps/growths on carapace.  
DWB + JMK all took  
with bumps (86-2). LBR,  
spent  $\frac{1}{2}$  hr looking  
for turtle shells with no  
luck. Left and  
checked nets at Double  
Tanks. Caught 2 juveniles  
from tank 2, and 2 adults  
from tank 1. Broke  
out & headed back to  
pre-pencils.  
We saw a medium gray  
rattle snake with a black  
pattern outside the entrance  
to the road leading to PCL.

## POOL Turtles

Pool 1 - caught 1 male  
(106) NO BUMPS.

- carapace surface is somewhat uneven, however. Divisions between vertebrae's pronounced
- some knobs taken

drawings →

Pool 2 - caught 1 male (86.2)

has bumps centered around the back, 1st vertebral & the 2nd vertebral, extending to the upper median portions of the 1st & 2nd RT + L costals.

Some smaller lumps also present towards the back of the carapace. Pronounced divisions between vertebral costals + margins Hard to tell if some sunken areas are pits or just spaces between bump's hitting off each other on carapace.

## POOL Pools

Both pools very full submersive  
conditions. flowing water  
between the pools. At optic  
vegetation passes surrounding  
edges. Surface covered "in  
mud. Many rocks, here & there  
sharp drop off between the  
edge + the bottom. Sharp  
+ running water  
also growing rock bottom.  
Ditch weeds. Ground vegetation  
is also growing rock bottom.

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## Mud Spring Lizards

30-July-2010 \*did not mark

Sex	MCL	GCU	Mass
F	93.6	65.1	136
F	90.9	72.6	150
F	97.0	68.7	153
F	97.7	65.2	152
F	98.3	70.0	153
F	91.8	68.1	126
F	96.5	69.7	144
F	92.0	64.5	135
F	94.1	67.7	132
F/T?	80.8	61.0	78

Smooth Plaster

## Money Boxes

Hotel SV.	1/2	= 22.00
Hotel Wilcox		47.00
Hotel Bisbee	1/2	33 20
Hotel Wilcox	1/2	22 00
Gas		33 00

Ken has paid me

\$7.00  
\$2.00  
\$1.50  
340 Ken was going  
to pay his fares.

Range	Water	Date	Tank naked
Dragon	No	20 July	Tank 24
Dragon Field →	Vol (m)	"	Gordon Park

## Amphibia

Cerro Colorado River Toad Cliff  
Tiger Salamanders Central Salines  
Couch's Spadefoot SPEKA  
Canyon tree frog Dragons  
Green Tree Dragon

BIRDS (CAVES)

Dark eyed Junco Pigeon flat sp.  
Yellow eyed Junco "  
Blue throated hummingbird "  
Rufous humming bird "  
Great Blue heron Aravaipa Canyon  
Scarlet Tanager "

Reptilia

Black-necked garter snake

Araipa

"

Western rattlesnake

"

U. ornatus

A2 Black rattlesnake  
~~Coluber~~ ~~Pituophis~~  
Tripp Canyon

Western Diamondback  
~~Crotalus~~  
S. Virgatus

Tripp  
Acavida  
\* possible new county  
border of Graham/Pinal record

Banded Gila Monster  
Reticulated Gila Monster  
Yarrow's Spiny Lizard

W. Yale St.  
Dragons  
Dragon near tank 51  
Dragons  
Parker Canyon

Mammals

Black Bear

Bobcat

Boggs Flat  
plt. Graham

P<sup>a</sup>