

11 May 2015

- 2ND CREW [KEB, KJL, AMM, LLL, MHR]
LEFT OKC ~ 4:30AM; DROVE STRAIGHT THROUGH
TO CAMP - ARRIVED shortly after 9pm
- UNPACKED A BIT; TALKED with first crew
[BRF, JLC, WMH] who had mapped points
on Right Ascending bank west of CANYON (BW)
to the Pfm; Drove STANDARD photos in
BW AND Buckhorn.
- CLEAR NIGHT; very cold!
- Driving in more unfur than usual including
A large rock covering a portion of the
ROAD close to Diamond A

12 May 2015

- Set up the remainder of camp up;
unparked the trailer; set out for BW
at 9am
- whole crew arrived at BW hole ~10am
set 3 medium garlocks in BW - water
levels high ~A few feet below DmL; some
water in the canyon [would be less a few
large pools visible from trail, A few
switchbacks had medium to large pools]
- Zone tail hawks along the trail in their
usual spot
- Stashed 2 small nets at BW [Amm
forgot to put stakes in the car] and set
out to Javelina tank
- Arrived ~10:45 am; Javelina was very
full, more full than last August; saw
a small mule deer drinking from it as
we walked up
- Crew split with KJL, LLL; went hunting
to Peloncillo Tank, 2nd crew KEB, BRF,
JLC, Amm, MHR to do Maverick Springs
- We set out over the saddle and found
the same fence cut we did last August
KEB took waypoints called 'fence break'

and we dropped into Miller Canyon the same place we did last year

• Moderate amount of water so we nodded two mapped water; caught 3 turtles. Decided we should take the point where we stopped and head to Maverick given the amount of water.

• Arrived at the corral ~1:30p; KEB got stung by a bee

• At Lined; began Nodding and mapping water ~2' gun

• Good start at water; caught ~10 turtles before we got to the beginning of Cloverdale Canyon. Caught ~4 more turtles b/t Cloverdale Beginning and end point of our Nodle of Miller (~200m past confluence)

• Ended work at 5:30p to meet other crew; headed back to Javelina via Cloverdale Creek and Shallows to do Recon.

• Dry until ~250m up Cloverdale Creek took way point for the area that needs more work tomorrow

• SARONS had some water mainly

from the top third to Javelina.

Made it back to Javelina Tank n 4:30p

OUR Agreed upon sign [blowout under

Rock] was gone which indicated 1st crew

had tracked Javelina and taken STANDARD

photos AND gone to BW to check nets

- Made it to BW where we met with 1st

crew - no turtles; Nets were Reset;

Nikos to CR

weather cold, cloudy; DRIZZLED SPORADICALLY

ALL DAY

- Made it back to camp after sunset;

BFF AND KEB DECIDED TO PARK IN TAN
FOR Ruby, AZ

- 17 turtles total for day [WAY to go
Maverick crew]

13 May 2015

- BRF KEB parked to leave for Ruby until ~6:45 A
- Crew in Pencilcillos going to Pencilcillo Tank and Javelina to set nets; check BW nets - tomorrow check nets and measure the remainder of willow and shrubs
- Arrived in Ruby ~2:30 P. checked in with Michael the creekkeeper; he told us they'd had such a good monsoon season last year it filled (or half-filled) Town Lake and flooded Eagle Lake and Mineral Lake. Eagle and Mineral were connected via a small stream through the canyon
- He told us he was planning to stock Town Lake with fish if it kept filling this season - a bad move for the turtles; uncharacteristically cold; he seemed to indicate weather had been colder and wetter here also
- Set 4 medium gill nets in Mineral, water levels much higher than August 2013; Town Lake was spectacularly different this time as well.

BRF and KeB set up the GoPro in 1 of the meadows set in Minewalk; set in a shallow area with vegetation with good water clarity

- Two GoPro not fully ready yet so only 1 attempt at footage tonight

- 1 long snout set in pond like along the bank next to fallen tree and vegetation

- After 5/6 nets and 1/2 GoPros set, we set up camp and offloaded / charged two GoPro for morning

- Went up to look out at 6:30 to watch Met. Freetail exit mineshaft. bats small ~7:11p and began to exit 7:13p; ended at 7:25p.

- We got right up to mouth of entrance; bats everywhere - so cool - got videos
- walked back down to camp shack for dinner
- very windy and cold night. Not very clear although when walking away from water some stars still visible

- Tent looks like it might blow away during gusts; we've had to reinforce it several times

14 MAY 2015

- Got up and checked nets ~ 6:30 or 7:45 after VERY cold, very very windy - not great conditions for much of anything given all the blowing sand and very strong (5 mph) gusts.
- No tangles in GoPro Net [M₁] or M₂; 1 tangle in M₃ and 2 in M₄ - All unmarked.
- Caught ~40 fish among the nets (sunfish, striped bass) and 1 invasive catfish, possibly the walleye (?) I think? Catfish from Ohio - we tickled it, it's a really nice specimen.
- Took blood from all 3 tangles; fixed slides in methanol 5 min; put in slide box to dry - conditions awful though. Even in the beach shack blowing sand everywhere.
- Checked the net in tank lake; caught 1 trout.
- Reset all nets and moved 3/4 in Mineral to better locations, mimicking where we caught the most individuals in August 2013; set out small in tank lake with second GoPro; reset GoPro in Mineral.
- Left Riker ~104 to drive to Arivaca for more bait; we're short bait jars and have

had awful luck making new ones so we used more bait than expected.

- On the way back ~~to~~ from Arivaca we saw W. Gopher Snake; took waypoint and pics

• Set out for Margarita Tank - quite a bit more full than August 2013; our plan was to noople the bank as they don't do nets, they bury themselves - exactly like Bow Tank. We should have a few more people sometime and work it like we walk Bow; see what we can get.

- Nooled 4 turtles from along bank this 1 dead turtle. More track of Margarita; took waypoint for turtle.

• Turtles were insanely interesting as they literally have microhabitats in/on their carapace. Of algae and fungi as well as leeches and unidentified insects. So much growth and now they can't close carapace; not at all.

- We observed 1 turtle actually go completely limp when captured - all limbs and head hanging outside shell then when investigated came back "to life"; lots of pictures taken

So we can identify some of the community ones
in arid space

- All turtles captured here unmarked; leaving
us with 7/8 unmarked so far for the trip.
- Headed back to Riley to check and Reset
Nets; As well as Reset G.P.R.s
- Arrived back at Riley u 2p; stopped by to let
Michael know the timing of hawks; very quickly
checked nets in T and Lake and called G.P.R.s to
check - No turtles in either Net; Reset
- Got back down to parking area at Mineral
Ridge witness a complete cloud of sand blanketing
the trees; walked down to camp and saw our
tent had snapped in half from the wind
- We decided since we couldnt catch turtles
(probably) we would break camp and pull the
nets
- Left Riley around 5pm - no turtles in any
Nets; said goodbye to Michael; told him we'd
be in touch about Argos. He seemed to think
our timing coincided with the shift from
dry to pre-monsoons, hence the weather.
After it to I-19 u 4:30 decided to get hotel
in Benson, AZ; arrived at our hotel
after eating about 8:30p - Best Western
QUAIL RUN is awesome and reasonably priced

15 MAY 2015

- left Benson ~8AM, arrived to Douglas, AZ 9:30AM (AZ time) RAN errands, got water, ice, etc and set out for camp made it back to the pass around 12:30 (NM time) stopped for pics - very windy. Seems the cold front is following us.
- Saw crew parked at Clinton Tank. Hiked to meet them; traded stories - they'd devoted today to JLC and went business with plans to go to pass and show crew AZ side after Clinton.
- On the hike back to IARS saw Western Gopher Snake going across trail; caught it for pictures. BRF and KEB didn't have GPS; unclear if KJL remembered to take a waypoint.
- BRF and KEB went to camp to unpack car and organize ~~KJL~~ KJL took rest of crew to pass.
- Crew arrived back at camp ~4:30P; KJL and L.L. to Animas to check out; BRF went JLC to core trees at little camp
- 2 Botanists came over looking for a place to camp. KEB directed them to the small camp to the left of Big Camp; they're looking for a rare sedge at Wizard Springs

16 May 2015

- FIRST CREW [BRF JLC WMH] leaves today; BRF wants footage of measuring turtles and collecting blood at Buckhorn; JLC WMH want to do standard photos in New Canyon
- 2nd Crew going to check Buckhorn and do the first Swatili walk. - Split up AND walk
- Biologists stopped by camp on their way at to Indian Springs; KJL talked with them for ~45min, got their contact information
- Whole crew set out again; BRF was dropped JLC and WMH off at the entrance to Beehive with a net to set in Grotto; left to meet other crew at Buckhorn
- KJL LLL MHR were dropped off at the last switchback before Buckhorn to meet KEB and AMM at Swatili
- KEB and AMM saw horned lizard at 2nd Buckhorn gate; GPS and photos taken
- Today is the windiest, coldest day so far - water temp ~40-50°F
- Picked 4 nets at Buckhorn — not 1 turtle — totally skunked! Has to be the water temp, it feels like October

- KEB and Amul tracked Burkhard, took depth & Dam [still needs to be measured bc WMIH has measuring tape, mark designates via Duct tape]
 - Noodled / Mapped Pools below Burkhard to the fence; caught 2 turtles under rock
 - Took car to entrance of Swahili And Noodled mapped until we hit first open - we caught 1 juvenile; they caught 2 turtles
 - Made it back to camp ~4:15
 - Cold night; wind died down
-
- Amul collected harvester ants for invasion experiments

17 May 2015

- Whole crew set out to check the net at Grotto. Caught 1 female and mapped 3 males. The 4-5 large pools below Grotto.
- Set out to 3-way / back to drop gelsicks and finish mapping Foster Draw.
- KEB & IAD now activity when we arrived to 3-way; set 1 gelsick int. 3-ways. Set 1 in a large pool below that; KEB and KJL mapped / mapped the few medium pools Blt Hint and 3-way.
- Whole crew walked, mapped, mapped the remainder of Foster to the fence. Caught 3 turtles [1m, 1F, 1M] in a pool by the fence.
- KEB took Anna, MVR to Middle BW. KJL KEL went to Tugelle and to walk the cleared Draw, dropped off at BW ~2:30.
- GOOD turnout of visitors in BW canyon - took ~3 hours to map and map it. Caught 2 turtles about 600 m from Draw met KJL KEL up by the road for pickup. Roger Pappal was tracking someone in BW. Also stopped by chimp to give us their number and said lots of trafficking activity in BW.

Atmos BW right now

- its been far too windy and far from
car to collect blood so far
thinking of letting a few days extra;
possibly Tuesday given after today we only
have a few things to tie up and still not getting
many turtles.
- Tomorrow - finish Savrons; pull nets in 3-way;
walk down draw

18 MAY 2015

- Whole crew left camp n 9t., KEB dropped KJL and ML off at BW parking lot. Agreed upon leaving a cow bone as a sign for whether we had gotten passed that point when Noodling Clanton Draw

- KEB Amm MLH set out to check nets at 3-way; pulled nets at 3-way; caught 5 turtles, 2 *chrysemys picta* [4F, 1M] - caught 1 of the ones so we gave duplicate #s to last year and changed # pulled net from pool below Hnt and caught 1 juvenile. No turtles in net below 3-way Dam took track of 3-way and went to Black C.C. took track and 2 soil samples; showed Amm and MLH dead cow from last year for bone souvenirs.

- Drove down to Switchback if GST and no much; then Noodled mapped Clanton Draw. Not lots of water but more than typical May. Caught 1 juvenile in the portion just below BW Hole; water tapered off the further from GST; Noodled past last Switchback n 400m to little camp and water seemed to stop.
- Waited at entrance to BW hole for ~1.5 hr for KJL, ML but hadn't shown up yet. KEB

took them back to camp so Aaron could start ant experiments; KEB drove back to entrance of parking lot, they showed Aaron 5; went back to camp. KJL watched Aaron do ant experiments; Abe; bed. It was very hot and cold

19 May 2015

- Parked up camp to head for Amtril, OR-Tucumcari
- One last thing, fired off old ammo from PAs .38 and KJL 9mm
- Left camp ~11A; bit of a difficult pack but managed to fit it all in