



Dear Rocky Mountain Amphibian Project volunteers,

At last it's here: the long-awaited results of the first year we all went out searching for frogs, toads and salamanders in the Medicine Bow-Routt and Bridger-Teton National Forests! Does it seem like forever ago that you were knee-deep in mud and slapping on gloves quick before that frog hopped away? We apologize for the delay in getting these results to you – this year was a learning year for us, and it has taken longer to collect and analyze the data than we anticipated.

Regardless, we are happy to provide you with the results of your surveys in this report. Some of your catchments were filled with amphibians – others were more filled with willows. Some catchments had only frogs, some had a diversity of organisms. Some of you even found shrimp in your sites! The data will soon be on their way to the Forest Service for their work monitoring and managing amphibians in these areas.

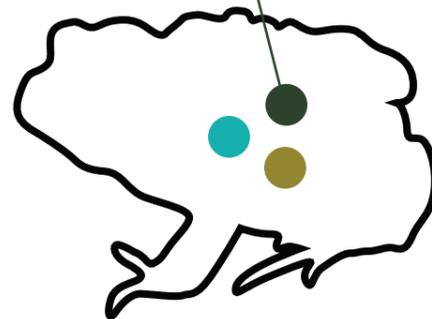
We will continue RMAP in 2015, with many of the same catchments. But you'll notice some changes in the processes. We heard you in your evaluations that sites tended to be too big, the data upload process a little clunky (we are working on a new system as we speak), and more. We hope you'll join us again in 2015! Catchment sign-up will begin in May at www.toadtrackers.org. Like our Facebook page to stay in the loop of what's going on (www.facebook.com/biodiversityinstitute).

A million thanks to you and your teams for helping us collect this valuable information!

Sincerely,
 Brenna Marsicek & Wendy Estes-Zumpf
 Rocky Mountain Amphibian Project

2014 ANNUAL SURVEY RESULTS

*Identified by Tadpoles
 (Tadpoles of this species are difficult to identify without a dissecting scope).*



BOREAL TOAD

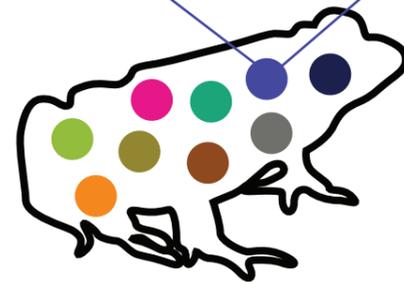
Found by Citizen Scientists, not Biologists



Found by Citizen Scientists, not Biologists

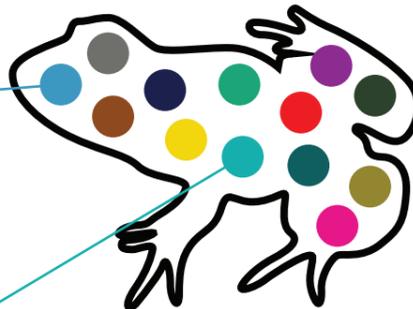
TIGER SALAMANDER

FIRST SIGHTING!
Surveyors detected either a Wood Frog or a Boreal Toad at Hog Park. If it was a Wood Frog, it will be the first documented in the Sierra Madres! If a Boreal Toad, it is also significant, as this species has not been detected at or near this site since XXXX.



WOOD FROG

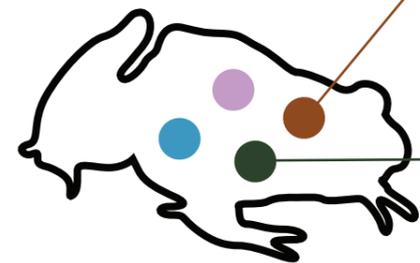
Found by Biologists, not Citizen Scientists



BOREAL CHORUS FROG

FIRST SIGHTING!
First record of this species at this site!

FIRST SIGHTING!
First record of this species at this site!



NORTHERN LEOPARD FROG

*Identified by Tadpoles
 (Tadpoles of this species are difficult to identify without a dissecting scope).*

CATCHMENT NAME AND IDENTIFYING COLOR
 (IF FOUND IN THE AREA, SPECIES WILL HAVE COORDINATING COLOR)

- BT52-DUTCH JOE CREEK
- MB13-SAND LAKE BENCH
- MB5-SQUAW CREEK
- MB6-MUDDY CREEK
- MB1-HANGING PONDS
- MB14-SOUTH FORK PONDS
- MB-RYAN PARK
- MB7b-DEVIL'S GATE
- MB10-CECIL PONDS
- MB16-FLETCHER PEAK
- MB21-HOG PARK
- MB2-CROW CREEK PONDS
- MB11-FISH CREEK PARK
- MB4-FALL CREEK
- MB19-ROUND MOUNTAIN
- MB3-LOGEPOLE CREEK
- PARK

2014 ANNUAL REPORT, CONTINUED:

AVERAGE TEMPERATURE



AVERAGE CLOUD COVER



SURVEYED CATCHMENTS



NUMBER OF SURVEYORS (AT LEAST!)



SITES SURVEYED



MINIMUM NUMBER OF MILES HIKED



TOTAL NUMBER OF SURVEYS CONDUCTED



Credit: Amy Pocerwicz

TOTAL INDIVIDUALS
(NOT INCLUDING TADPOLES AND EGG MASSES)



YOU SAID IT!
“ Site 4: Unable to take temperature; willows ate thermometer. ”

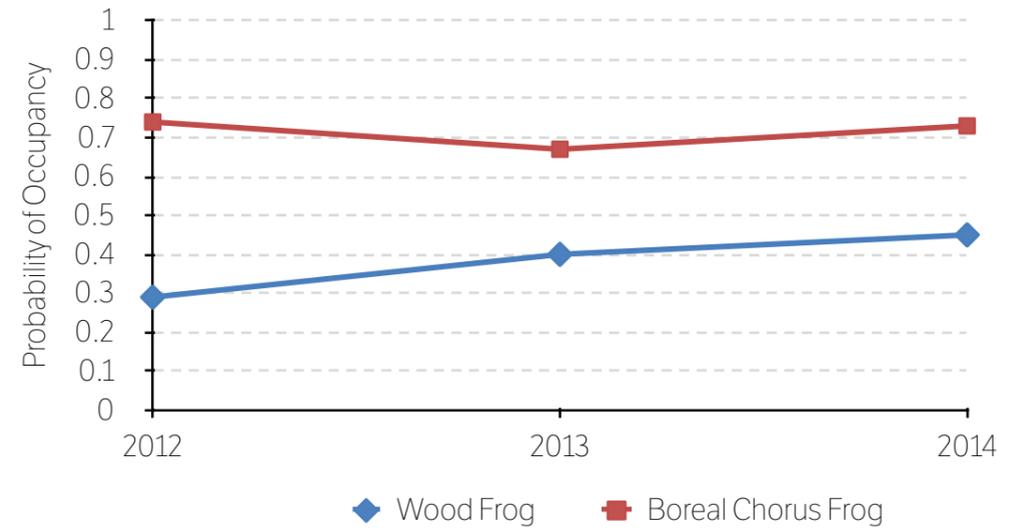
YOU SAID IT!
“ Species Detected = Unknown Sploosh ”

YOU SAID IT!
“ Site 4: Possibly building up to storms later
Site 5: Still looks like it may storm later...
Site 6: Yep, we're gonna get rained on on the hike out. ”

IMPROVEMENTS FOR 2015:

1. Downsize catchments so it's easier to survey all assigned sites in one day.
2. Create a super spiffy online data entry tool.
3. Potential expansion into the Routt National Forest in northern Colorado

AMPHIBIAN OCCUPANCY TRENDS ON THE MEDICINE BOW NATIONAL FOREST, WYOMING



Occupancy estimates in catchments monitored as part of the Rocky Mountain Amphibian Project. Catchments were surveyed by biologist and biological technicians in 2012 (n = 14), 2013 (n = 18), and by both biological technicians and citizen scientists in 2014 (n = 18). Results are preliminary.

Credit: Dave Peterson



Credit: Dove Peterson



Check out this year's PHOTO GALLERY!

Credit: Brianna Manspeck

Visit toadtrackers.org/report, and email any photos you took to rmap@uwyo.edu.

