Mohave Fringe-toed Lizard (*Uma scoparia*) Distribution in Arizona

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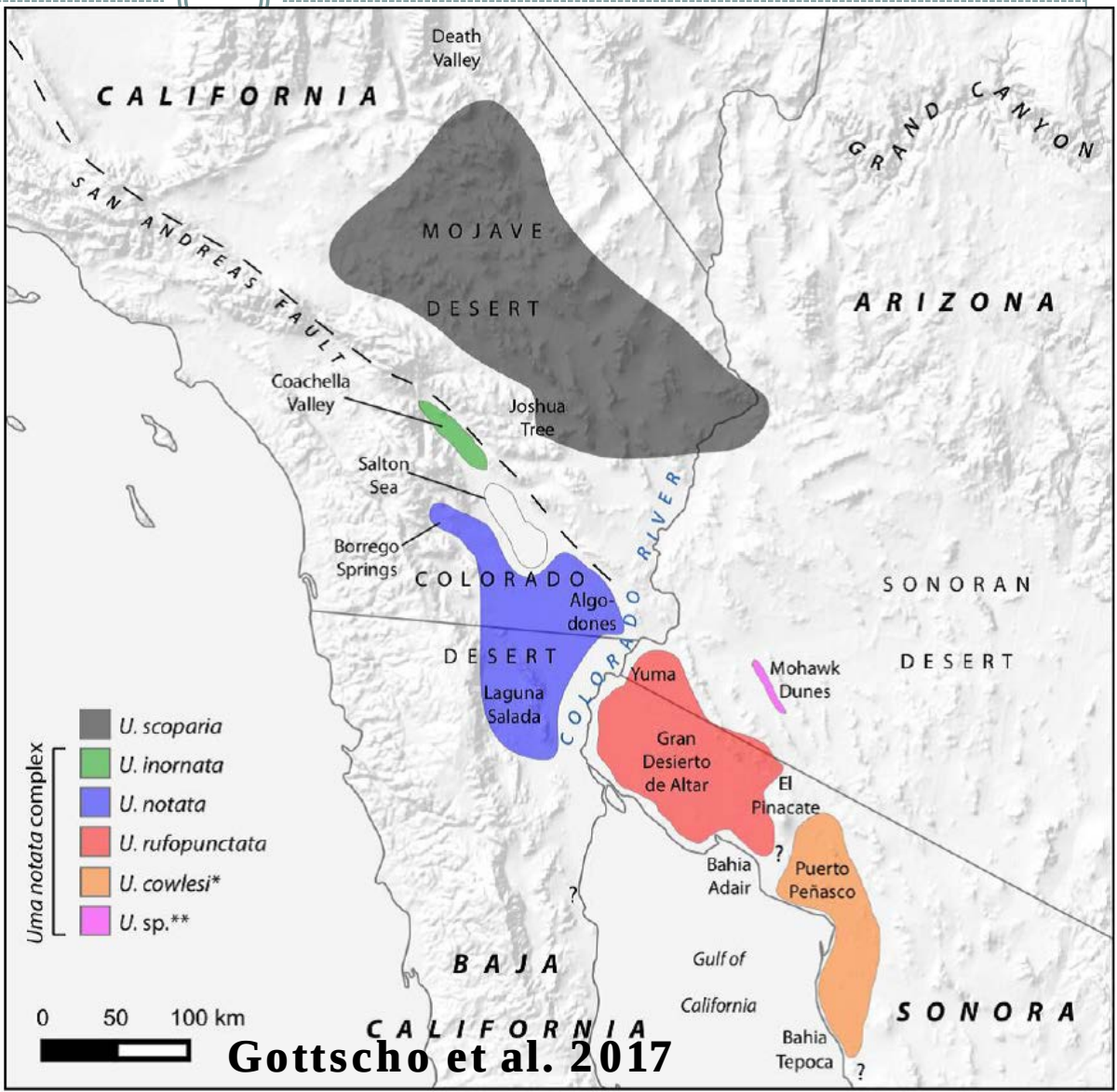
WILDLIFE CONTRACTS BRANCH

Introduction

- Undescribed Species
- Yuman Fringe-toed Lizard
- Colorado Desert Fringe-toed Lizard
- Coachella Valley Fringe-toed Lizard
- Mohave Fringe-toed Lizard



Gottscho et al. 2017

Morphological Differences

Yuman Fringe-toed Lizard

Colorado Desert Fringe-toed Lizard

Coachella Valley Fringe-toed Lizard

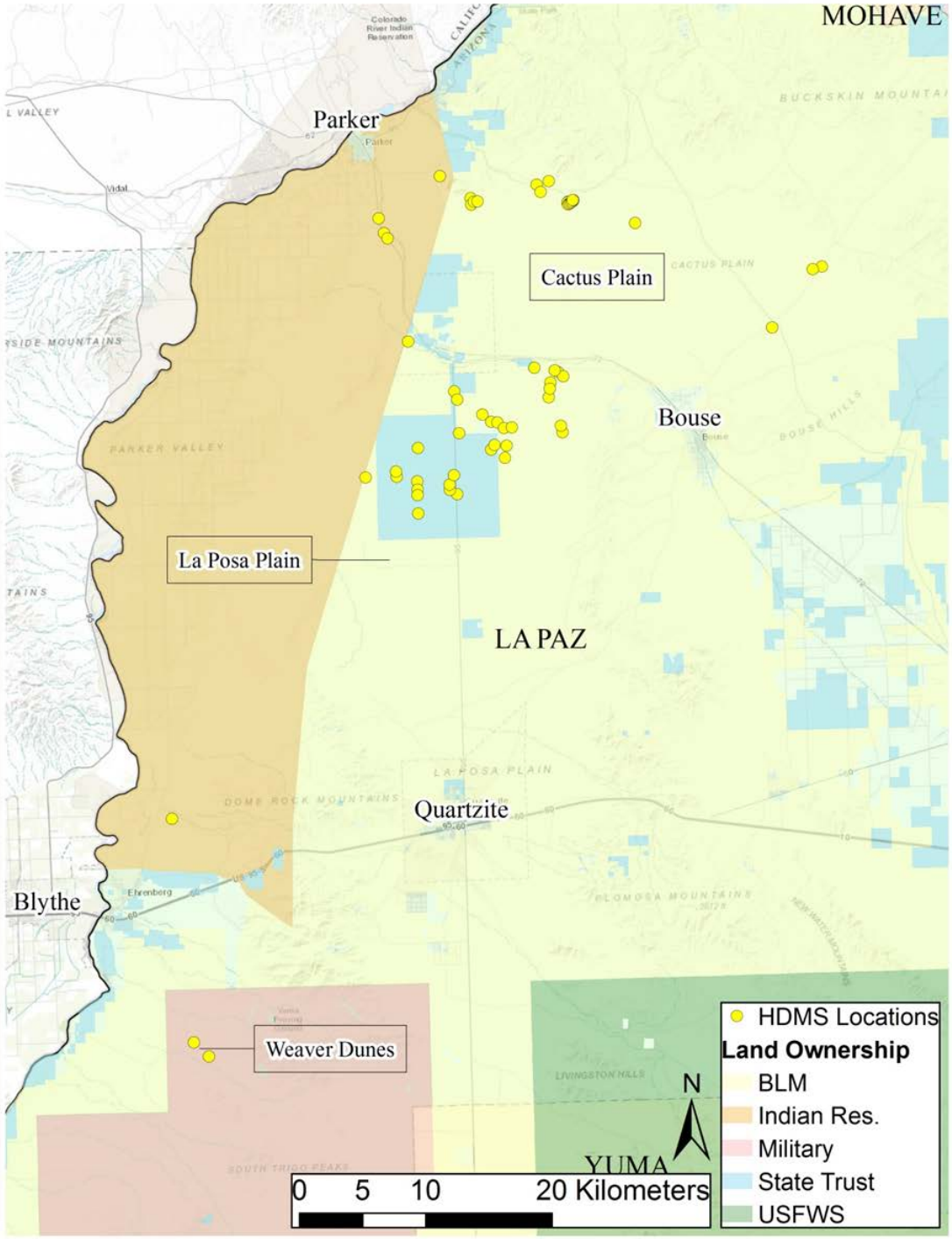
Mohave Fringe-toed Lizard

Objectives

There were four objectives for this project:

1. Survey for MFTLs on public lands managed by the BLM in Arizona.
2. Map of the distribution of MFTLs in Arizona.
3. Develop an activity budget for MFTL to determine the ideal conditions to conduct surveys; and
4. Provide recommendations for monitoring MFTLs in Arizona.

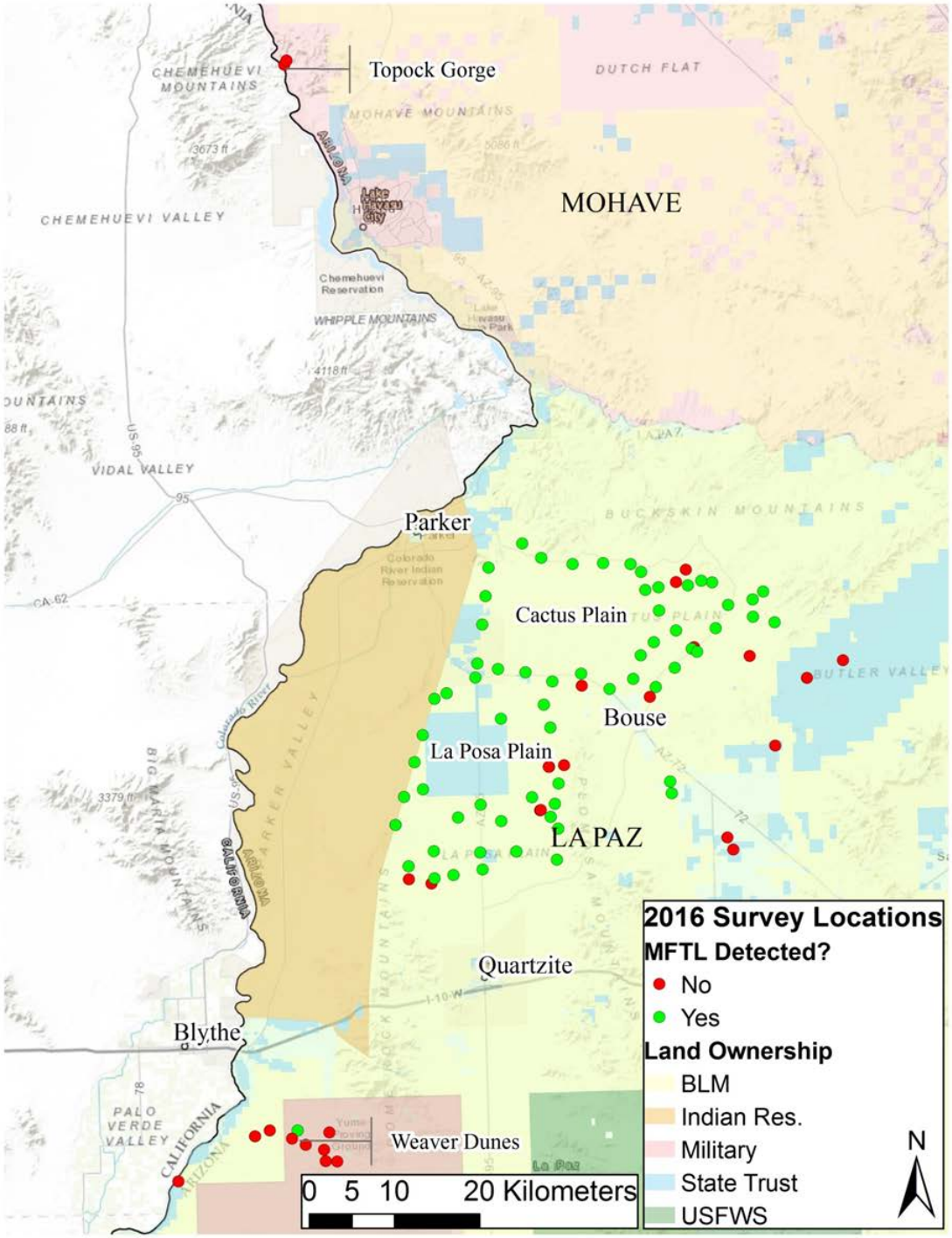
Available HDMS Records



Materials and Methods

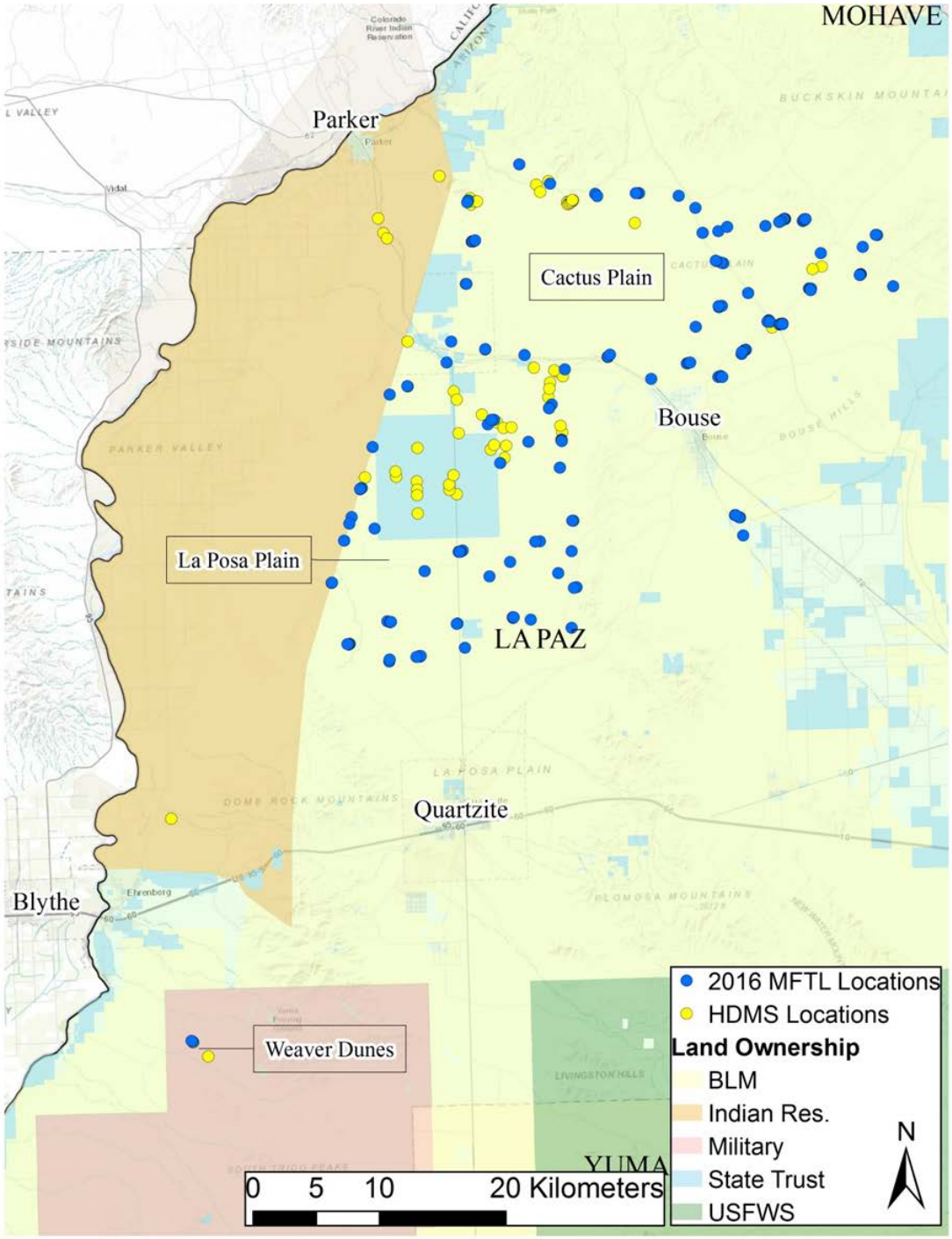
Survey Results

- **2016 MFTL survey locations depicting survey result.**



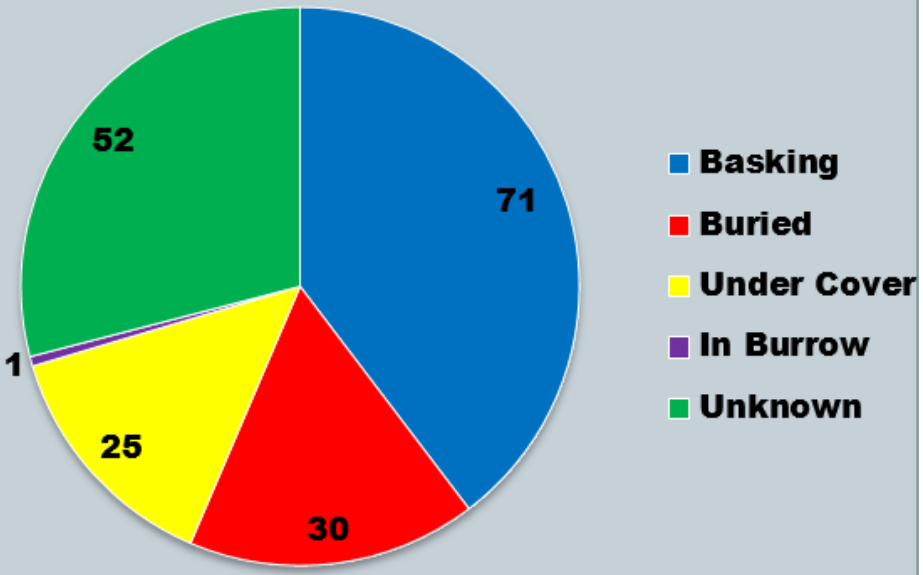
Range Map

- **Expanded Known Range of the Mohave Fringe-toed Lizard**



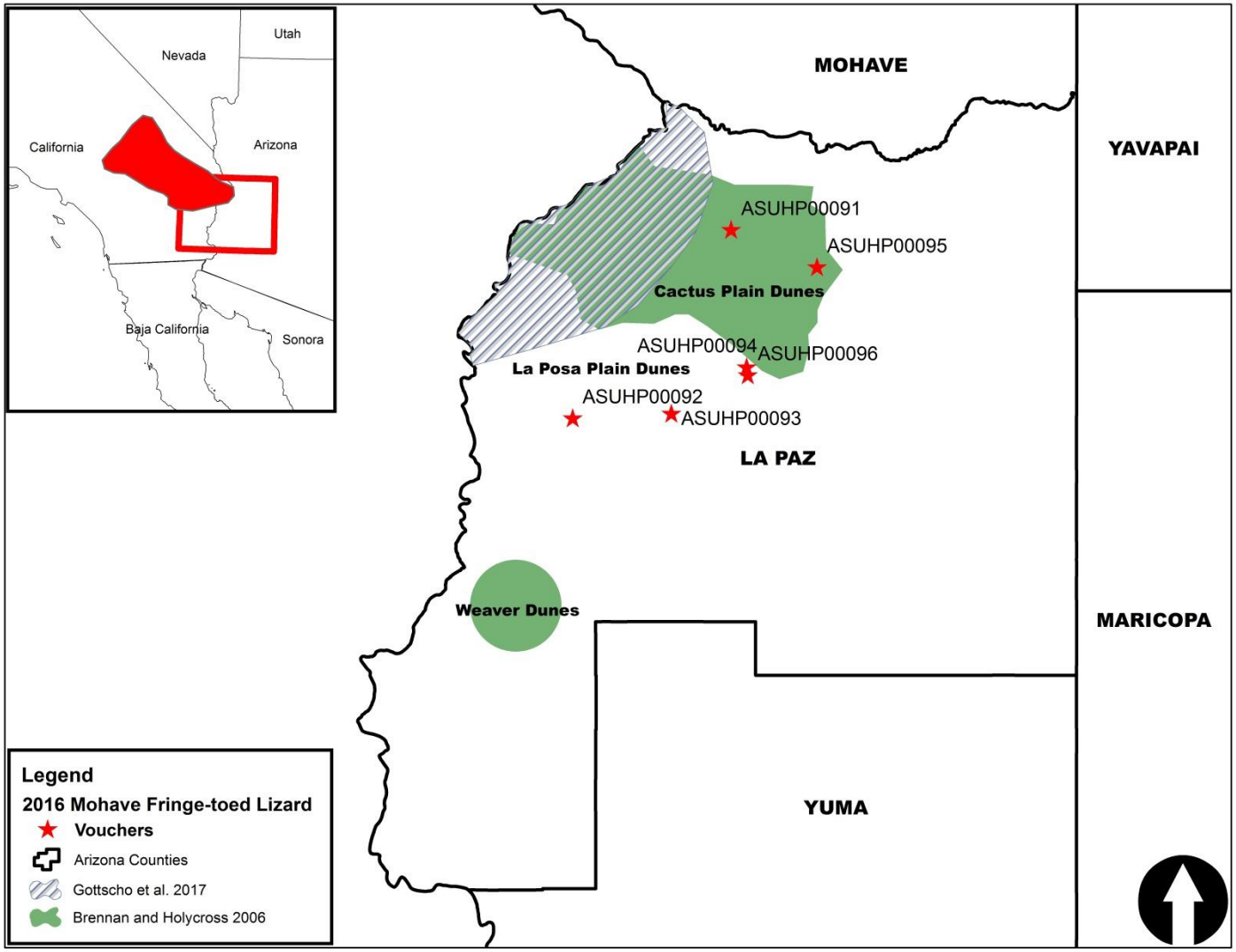
Activity Budget

- **Frequency of activities observed for Mohave Fringe-toed Lizards in La Paz, County 2016.**



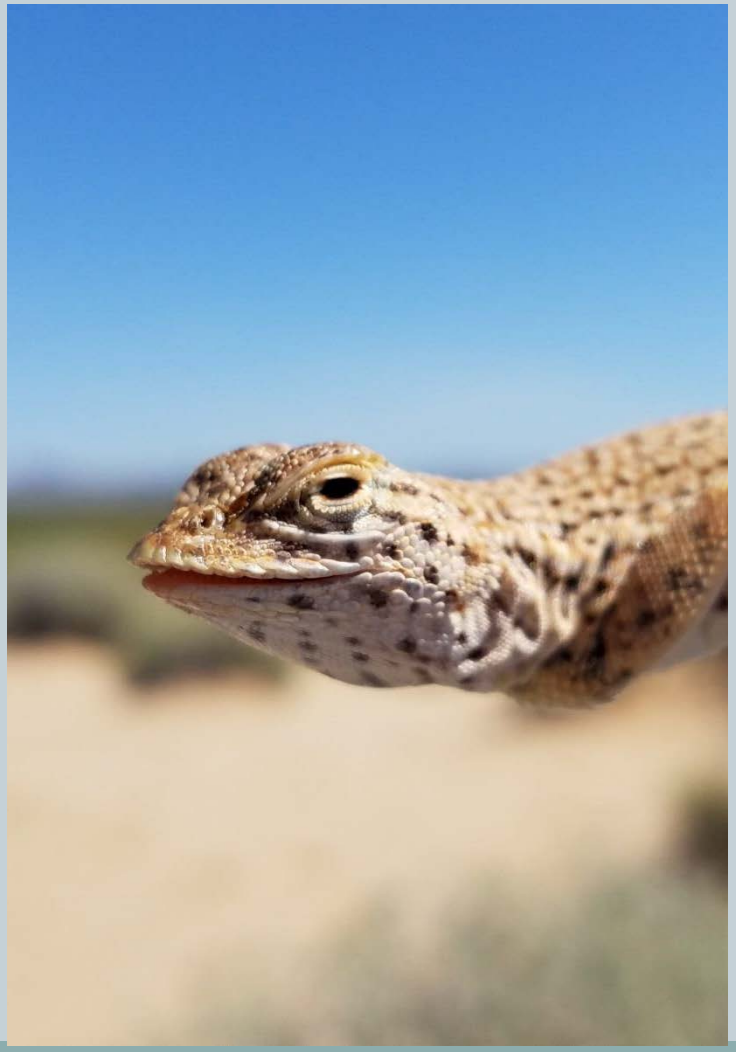
Site Information

Discussion

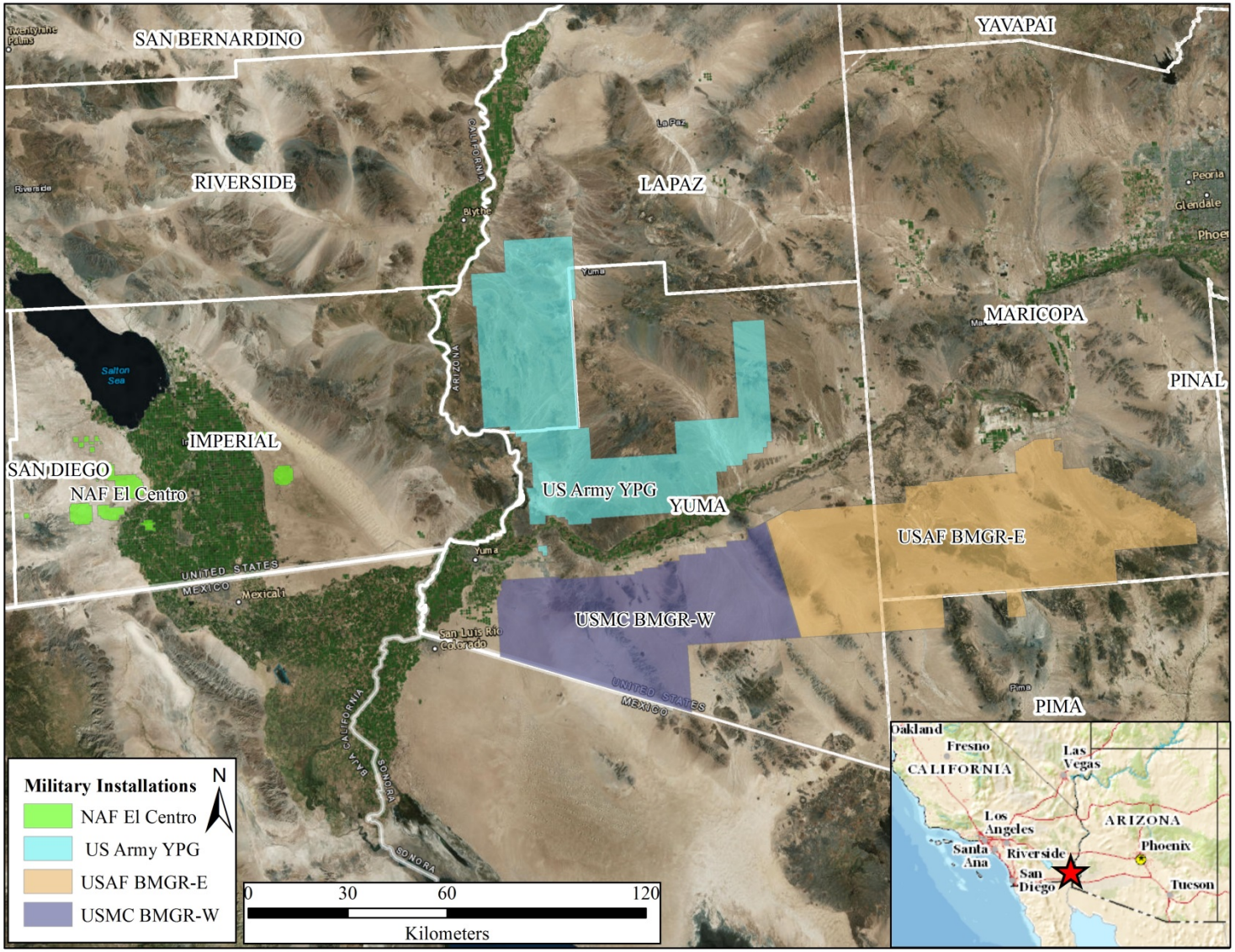

Utah
Nevada
California
Arizona
Baja California
Sonora
MOHAVE
YAVAPAI
ASUHP00091
ASUHP00095
Cactus Plain Dunes
ASUHP00094
ASUHP00096
La Posa Plain Dunes
ASUHP00092
ASUHP00093
LA PAZ
Weaver Dunes
MARICOPA
YUMA
Legend
2016 Mohave Fringe-toed Lizard
Vouchers
Arizona Counties
Gottscho et al. 2017
Brennan and Holycross 2006

Recommendations

- Occupancy Surveys and Demographic Plots
- Guidelines in Monitoring Plan



Looking Forward



Acknowledgements

- We received assistance in the field from J. Myrand and C. Ehlo.
- Comments regarding the distribution of Mohave Fringe-toed Lizards and their habitat were provided by T. Jones, L. Piest, C. Rubke, E. Masters, M. Ingraldi and T. Cotten.
- We received logistical support from P. Kennedy, R. Wilcox, L. Bock, and M. Ingraldi.

Questions?