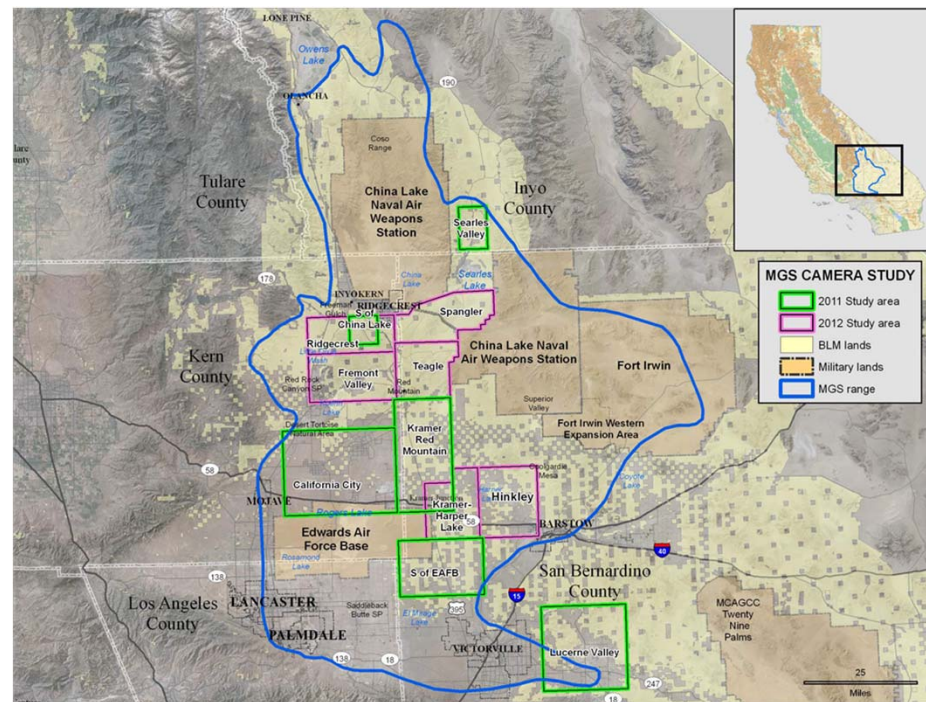


MGS Range-Wide Occupancy Modeling Update

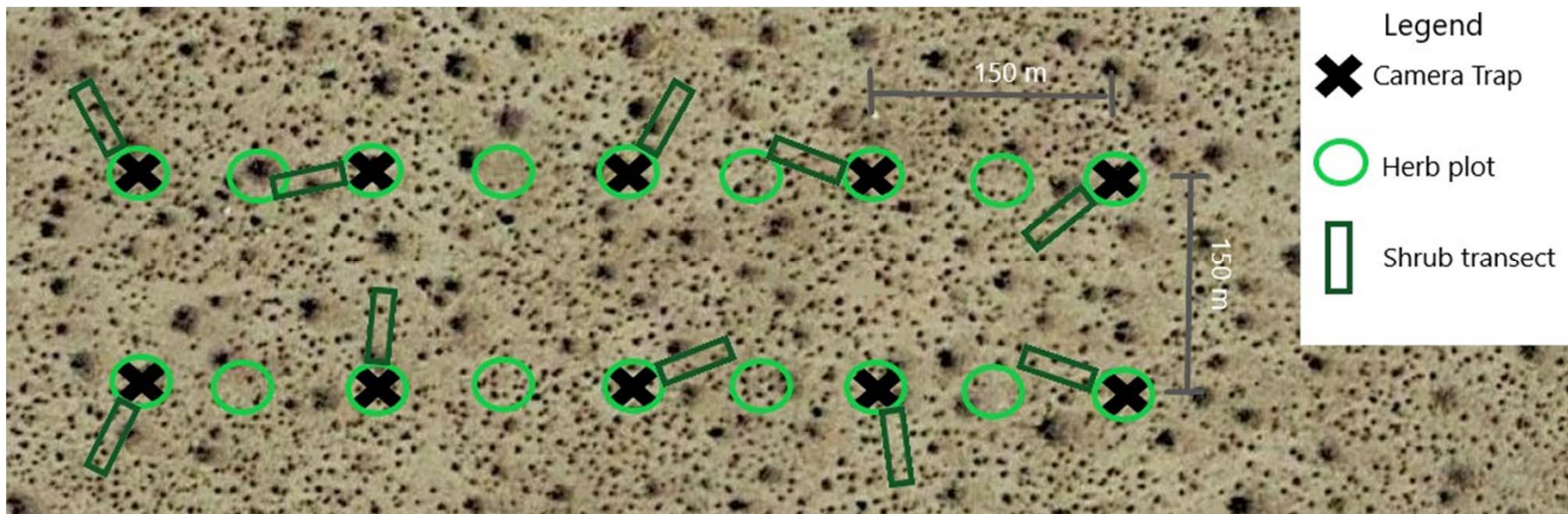
ERICA L. ORCUTT, BARBARA LEITNER, DAVID K. DELANEY & PHILIP
LEITNER



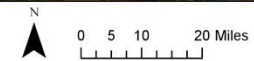
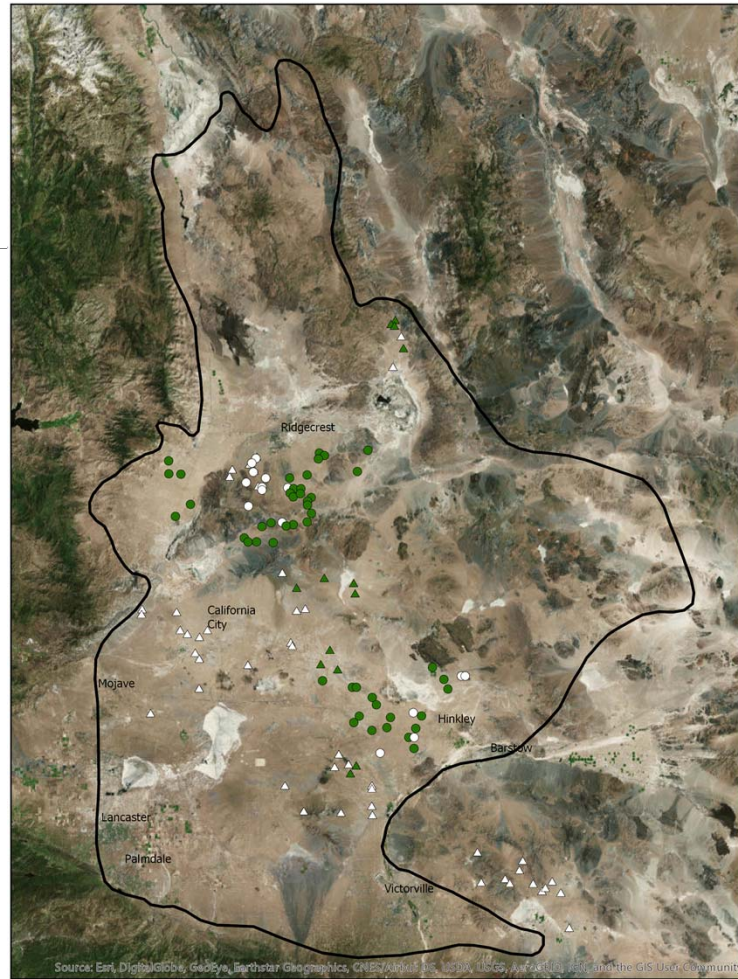
Site Selection for Camera Traps



Site Sampling Example



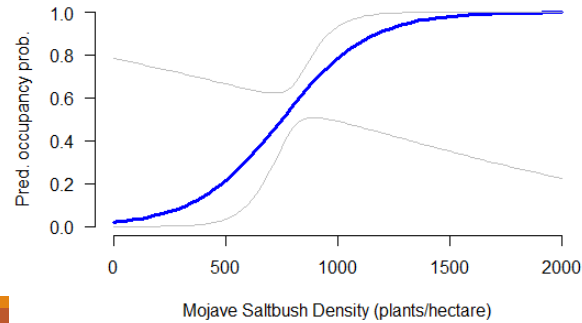
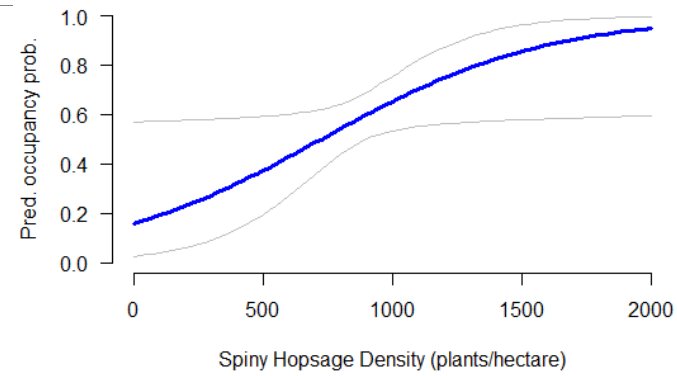
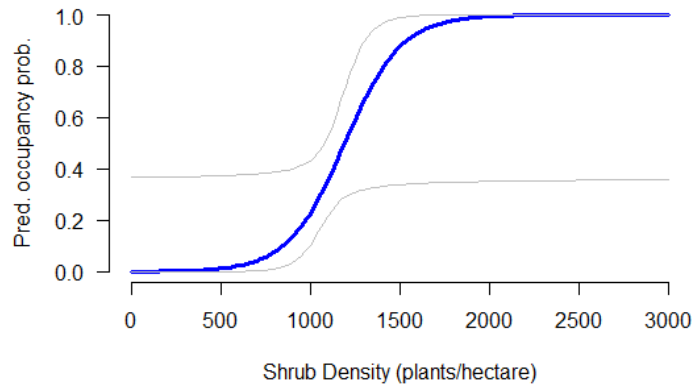
Site Occupancy



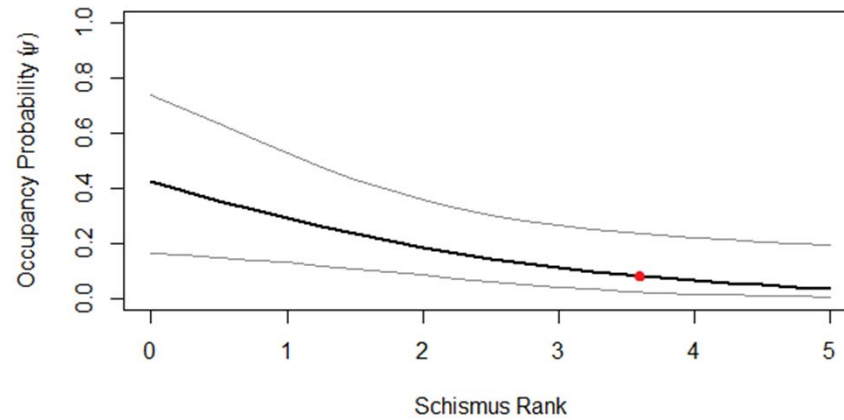
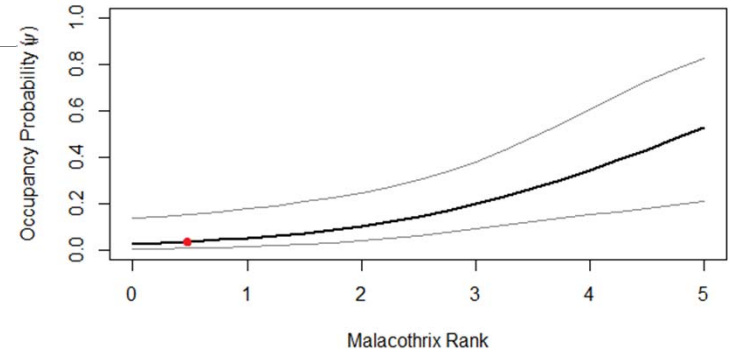
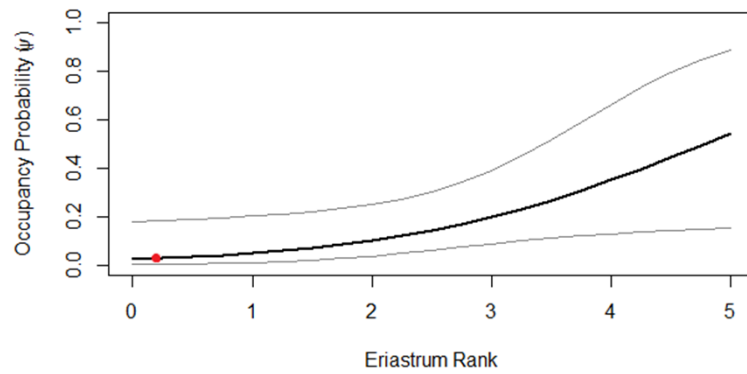
Models

	Herbs	Shrubs
# of Sites	60	123
# site covariates	32	39
# of models built	57	67

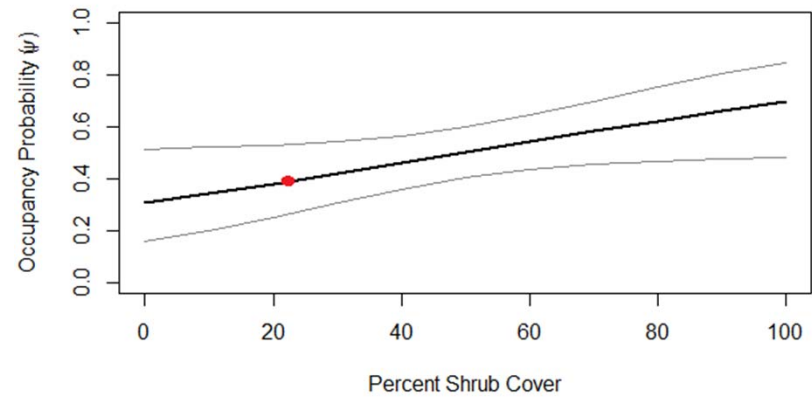
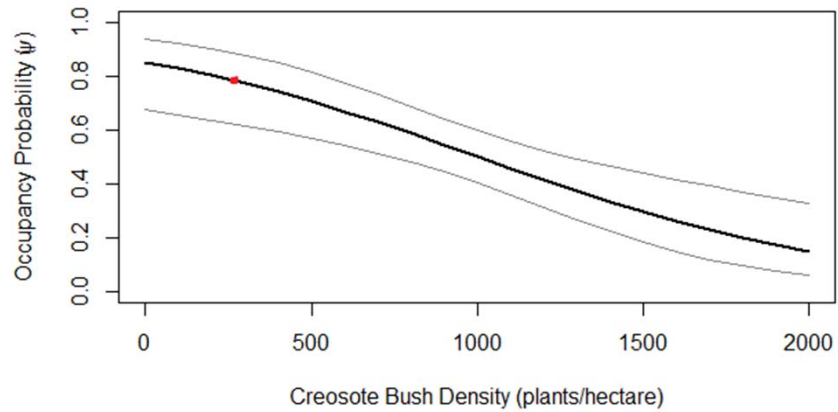
Results from last year (garbage)



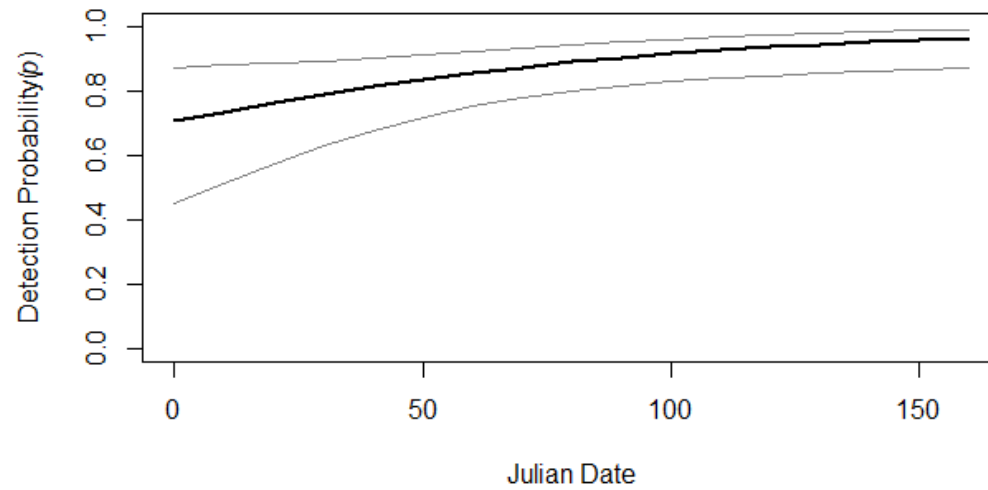
Results from this year – Herbs



Results from this year – Shrubs



Detection



Takeaways

Schismus seems to be not good for MGS

More creosote bush = fewer MGS, on sites with no creosote MGS like higher shrub cover

Detection date within the season does have some influence, but detection is already pretty high with cameras

- Would be interesting to test same sites over the wet/dry years for comparison in detection probability