

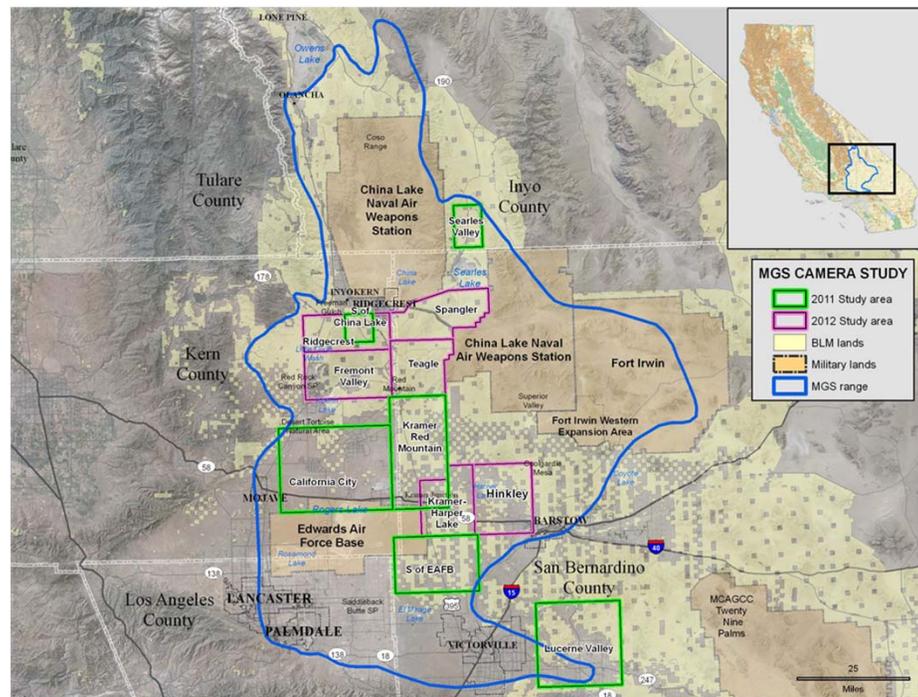
# MGS Range-Wide Occupancy Modeling Update

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LEITNER

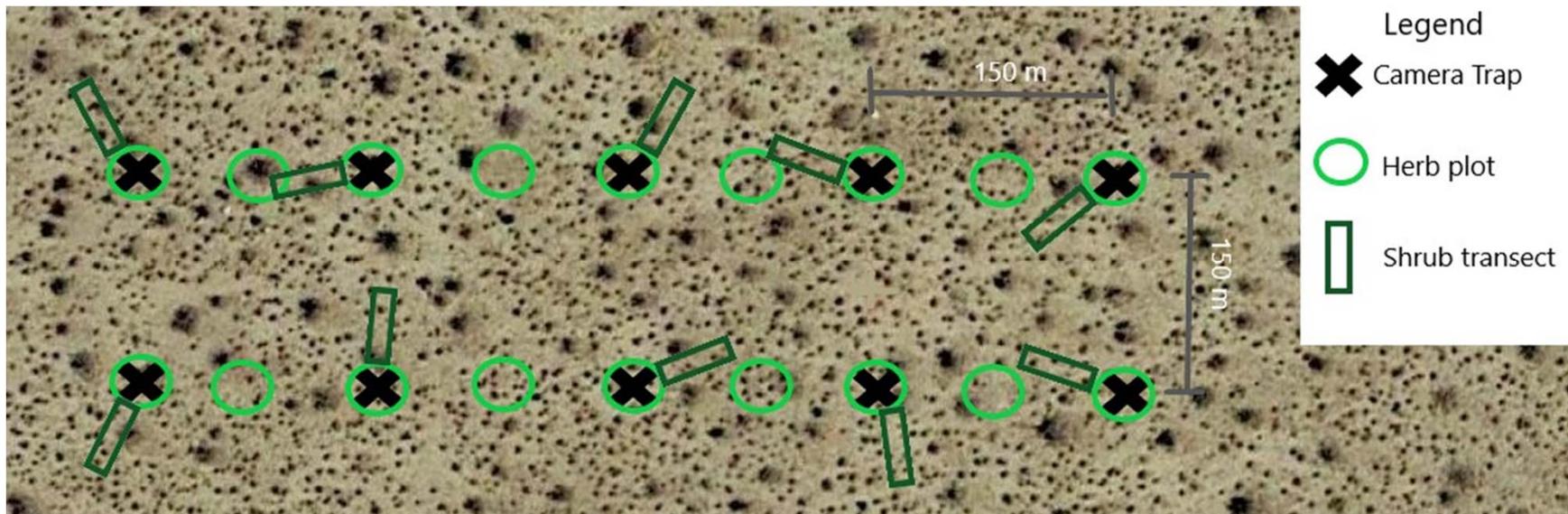


# Site Selection for Camera Traps

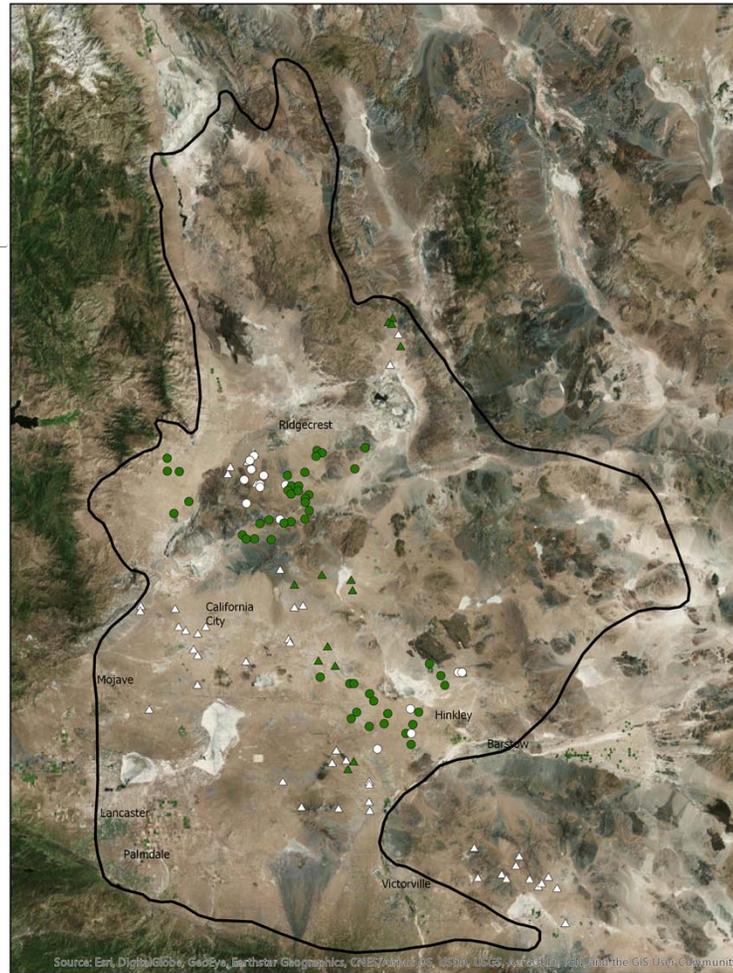


# Site Sampling Example

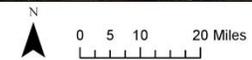
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# Site Occupancy



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

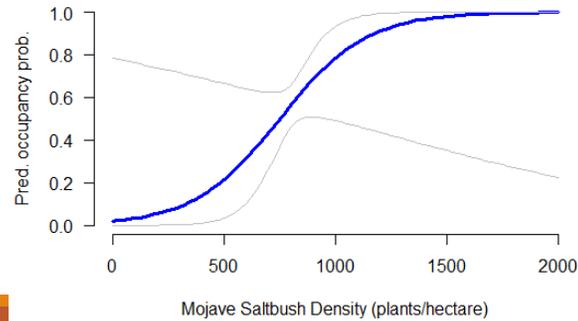
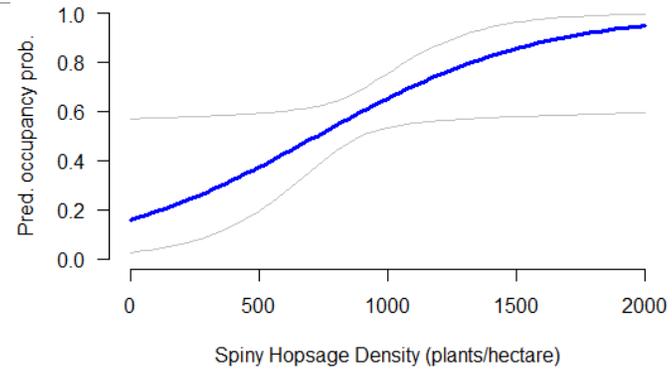
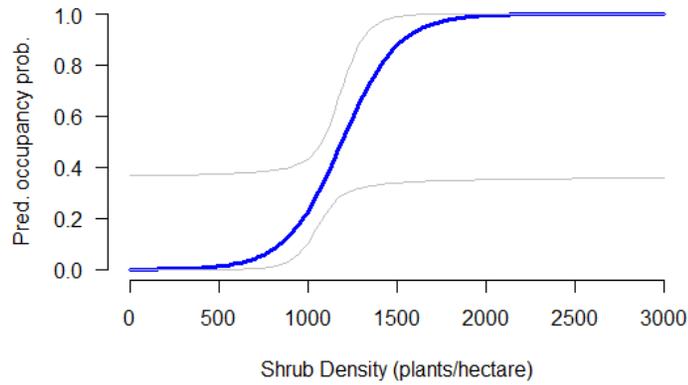


# Models

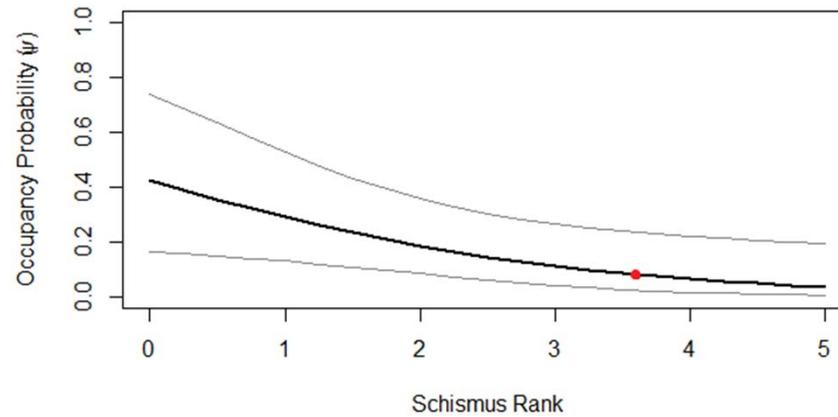
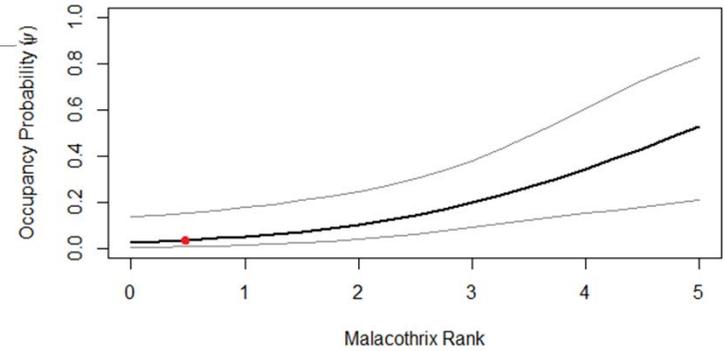
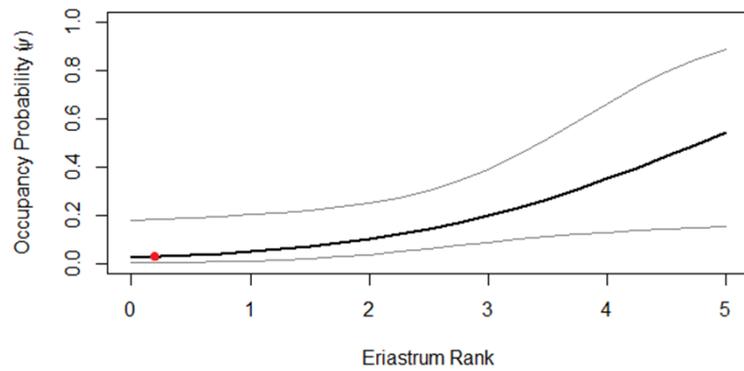
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	<b>Herbs</b>	<b>Shrubs</b>
# of Sites	60	123
# site covariates	32	39
# of models built	57	67

# Results from last year (garbage)

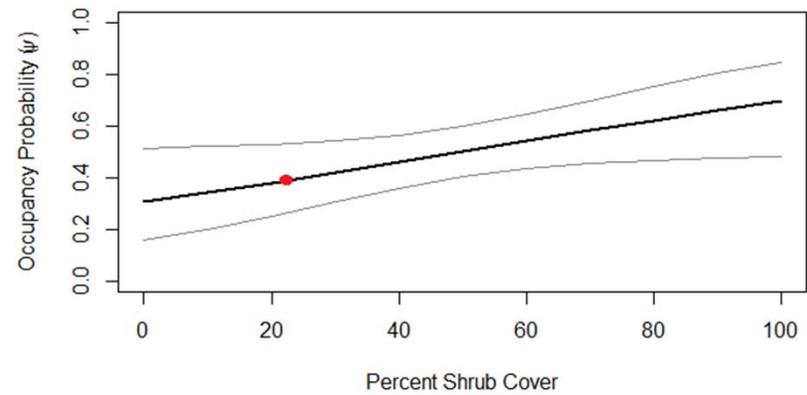
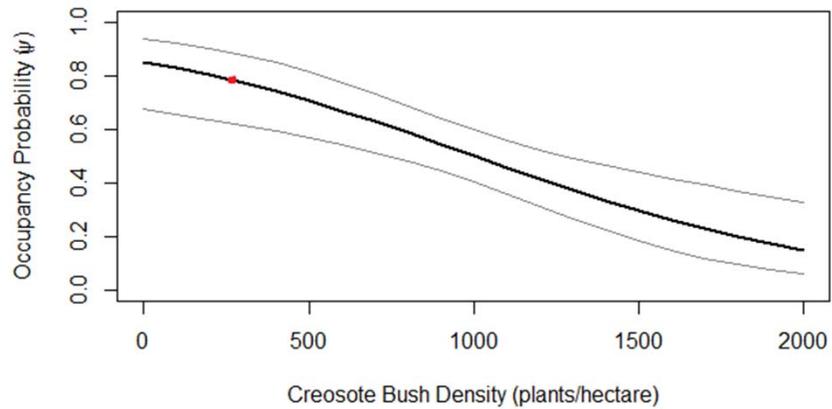


# Results from this year – Herbs



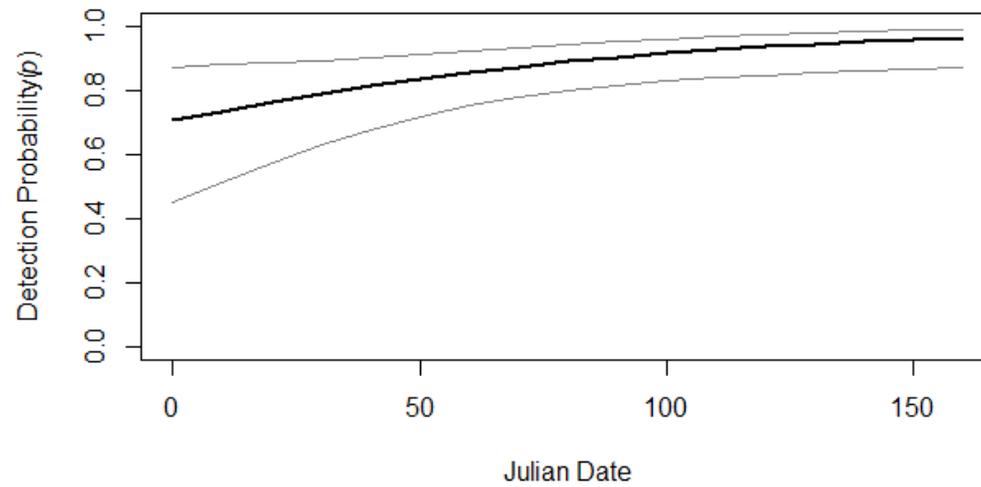
# Results from this year – Shrubs

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# Detection

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# Takeaways

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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