

1) Rutrough, A. L.<sup>1</sup>, Larson, K. L.<sup>2,3</sup>, and E. A. Corley<sup>4</sup>.

*Untangling attitudinal drivers and wellbeing outcomes linked to residential wildlife gardening*

Urban yards are a key interface where residents and wildlife come into contact. Ideally, wildlife gardening via yard habitat provisioning (i.e., as a stewardship behavior) can increase residents' connection with nature, thereby improving wellbeing. Environmental attitudes and stewardship behaviors are both hypothesized to play an interconnected role in driving residents' perceptions of wildlife and wellbeing outcomes, but quantifying the relative contributions of each within a single modeling framework is difficult and thus underexplored. We analyzed the interplay between distinct environmental attitudes and stewardship behaviors (i.e., gardening for wildlife) in influencing satisfaction with neighborhood birds and subjective wellbeing among residents in the greater Phoenix metro area. Specifically, we tested whether bird and yard habitat stewardship behaviors act as mediators between pro-wildlife worldviews, attitudes toward desert plants, and affinity for the desert broadly and wellbeing outcomes including local bird satisfaction and overall subjective wellbeing. Using data from the 2021 iteration of the Phoenix Area Social Survey, we used a structural equation modeling approach to test potential direct and indirect paths between these attitudes, behaviors, and outcomes. With a good model fit, we found that pro-wildlife worldviews directly and indirectly, via habitat provisioning, drive satisfaction with neighborhood birds. Meanwhile, desert affinity and income directly drive subjective wellbeing, but yard habitat provisioning did not indirectly affect subjective wellbeing. Overall, in our Phoenix-based analysis, pro-wildlife worldviews drive both residents' bird habitat provisioning and satisfaction with local birds, whereas affinity for the native desert ecosystem drives more general wellbeing. By extension, interventions aimed at fostering habitat stewardship, pro-wildlife worldviews, and affinity for local ecosystems may increase wellbeing outcomes both directly and indirectly.

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2) Abigail L. Rutrough, Kelli L. Larson & Elizabeth A. Corley. Untangling attitudinal drivers and wellbeing outcomes linked to residential wildlife gardening.

3) Environment and Human Wellbeing