This study will be conducted in and near Putah Creek, Davis, CA. In this ecosystem, warm temperatures during nesting are associated with lower nestling growth (and survival in some species).[1] Furthermore, conversion of natural land cover to agriculture may exacerbate these effects.[2] Native species in the Central Valley and other agricultural areas of CA may be especially vulnerable to population decline as climate change-driven warming progresses. This project will explore the mechanisms driving reduced nestling growth and survival in temperature spikes so that managers can modify working landscapes to better accommodate cavity-nesting birds.

Literature Cited

1 Riggio *et al.* in prep.
2 Lauck et al in prep.