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.