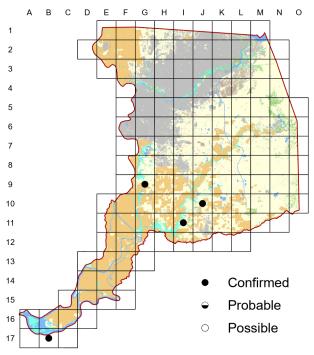
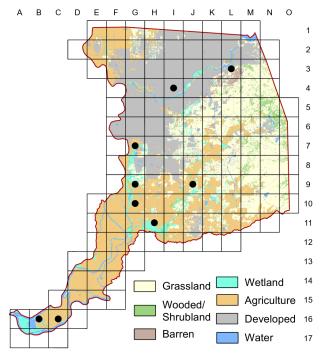
## Double-crested Cormorant Phalacrocorax auritus







The doubling of occupied blocks (and colonies) by Double-crested Cormorant between atlas projects is somewhat misleading, as breeding in a number of blocks in Atlas 2 involves only a few pairs and occupancy of some large colonies has fluctuated dramatically between atlas periods. See Appendix for additional details.

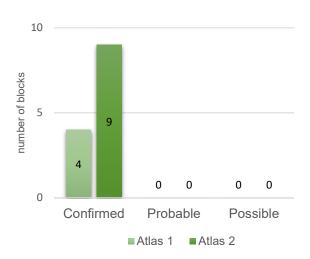
## Breeding Bird Survey Trend (1966-2019)

California 2.43% / year<sup>n</sup> Rangewide<sup>1</sup> **2.55**% / year<sup>s</sup>

## **Breeding Habitat**

Ponds, lakes, rivers, etc. with nearby trees

## Comparison of Atlas Results



Nest Type
Stick nest in trees or other structures

1940

I. Gabrielson and S. Jewett

A cormorant colony is usually a rather smelly place. The nests are filthy, and the trees that support them are liberally white-washed with excrement...dead birds, both old and young, add to the stench.

<sup>&</sup>lt;sup>1</sup>North America; <sup>s</sup>significant, <sup>n</sup>nonsignificant; Source: Sauer et al. 2020