

Explanation Guide for "Local Bird Species (in the Buena Vista Lagoon Area) at risk from Climate Change" Chart

(from Climate Summit, CA Audubon, Winter, 2016)

Column 1: Species

Climate threatened and endangered species whose current climate range falls within the Buena Vista Lagoon area.

Column 2: Audubon Climate Status

There are four possible classifications for each species. Below they are described and ranked from highest to lowest threat:

- **ENDANGERED_2:** *This species has been modeled both during the CBC and BBS, and it's considered climate endangered during both seasons*
- **ENDANGERED_1:** *This species is considered climate endangered during one season (CBC or BBS)*
- **THREATENED_2:** *This species has been modeled both during the CBC and BBS, and it's considered climate threatened during both seasons*
- **THREATENED_1:** *This species is considered climate threatened during one season (CBC or BBS)*

Where:

- **Climate endangered** means the species could lose at least half of its current climate range by the year 2050, with no chance to make it up elsewhere
- **Climate threatened** means the species could lose at least half of its current climate range by the year 2080, with the chance to make up that loss in expanded climatic range

Column 3: BBS Sensitivity

Climate sensitivity during the breeding season (BBS). See above for definitions of climate endangered and climate threatened.

Column 4: CBC Sensitivity

Climate sensitivity during the winter (CBC). See above for definitions of climate endangered and climate threatened.

Column 5: Season(s) Present

Displays the season(s) that the species' core climate range falls within the BV Lagoon area, where BBS = breeding season and CBC = winter.

An asterisk (*) indicates that the species is climate stable during the breeding season (BBS), and a plus sign (+) is used to indicate that the species is climate stable during the winter (CBC).

You may not wish to focus your climate efforts around species who are BBS* or CBC+ listed. These species are present in the BV Lagoon area during the season shown, but they are also climate stable during that season. Thus, these species may not be the best option when you are choosing where to focus your attention.