



Mission Reach Avian Study

Presented to Environmental Advisory Committee
June 10, 2022



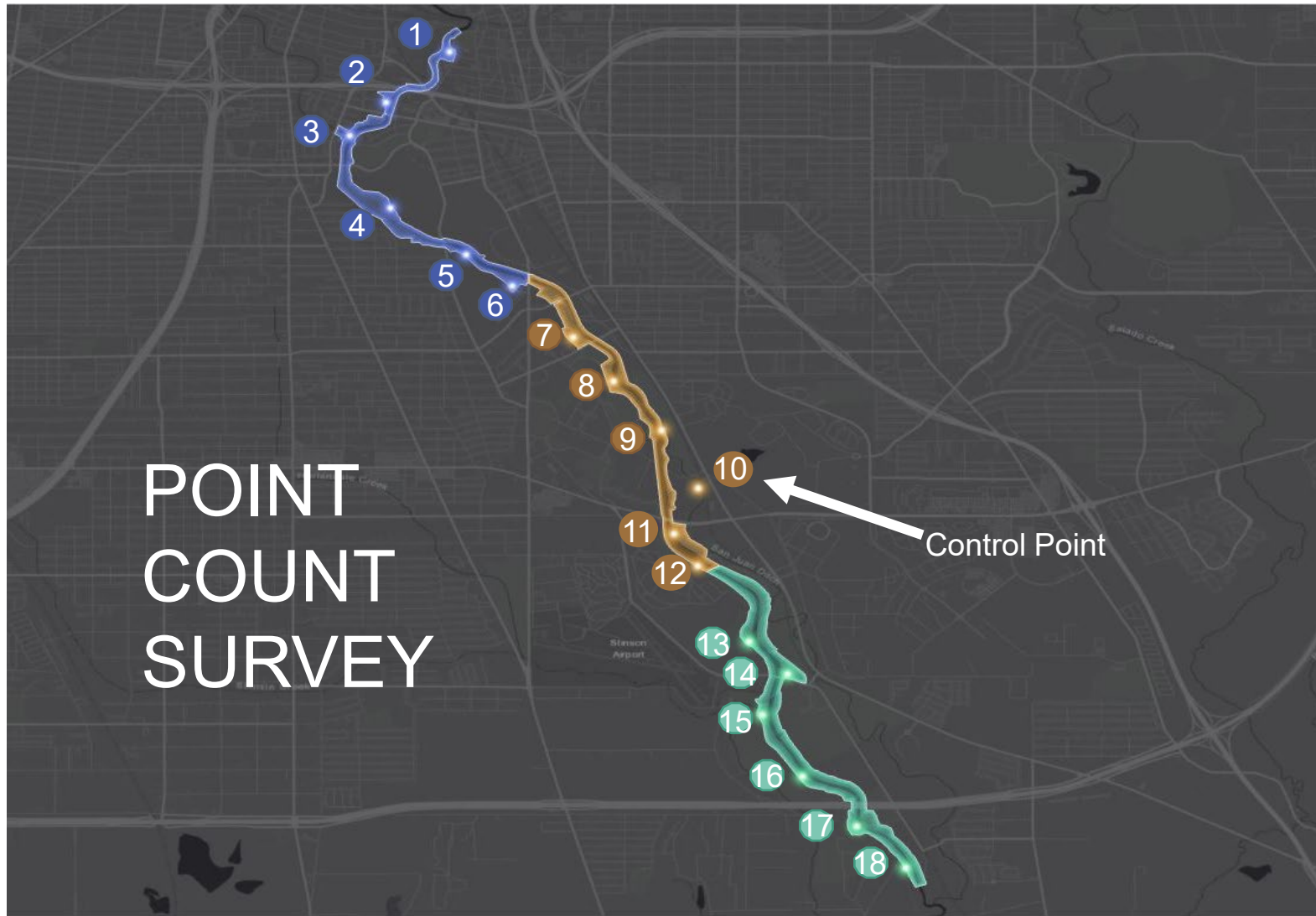
Avian Study: Overview

Survey types

- Point Count:
2015 - 2018
- Incidental Search:
2015 - present



POINT COUNT SURVEY



INCIDENTAL SEARCH SURVEY

Upper Section

Middle Section

Lower Section



Avian Study: Counts To Date

Actively using Mission Reach habitat:

- 211 species
- 73,803 individuals



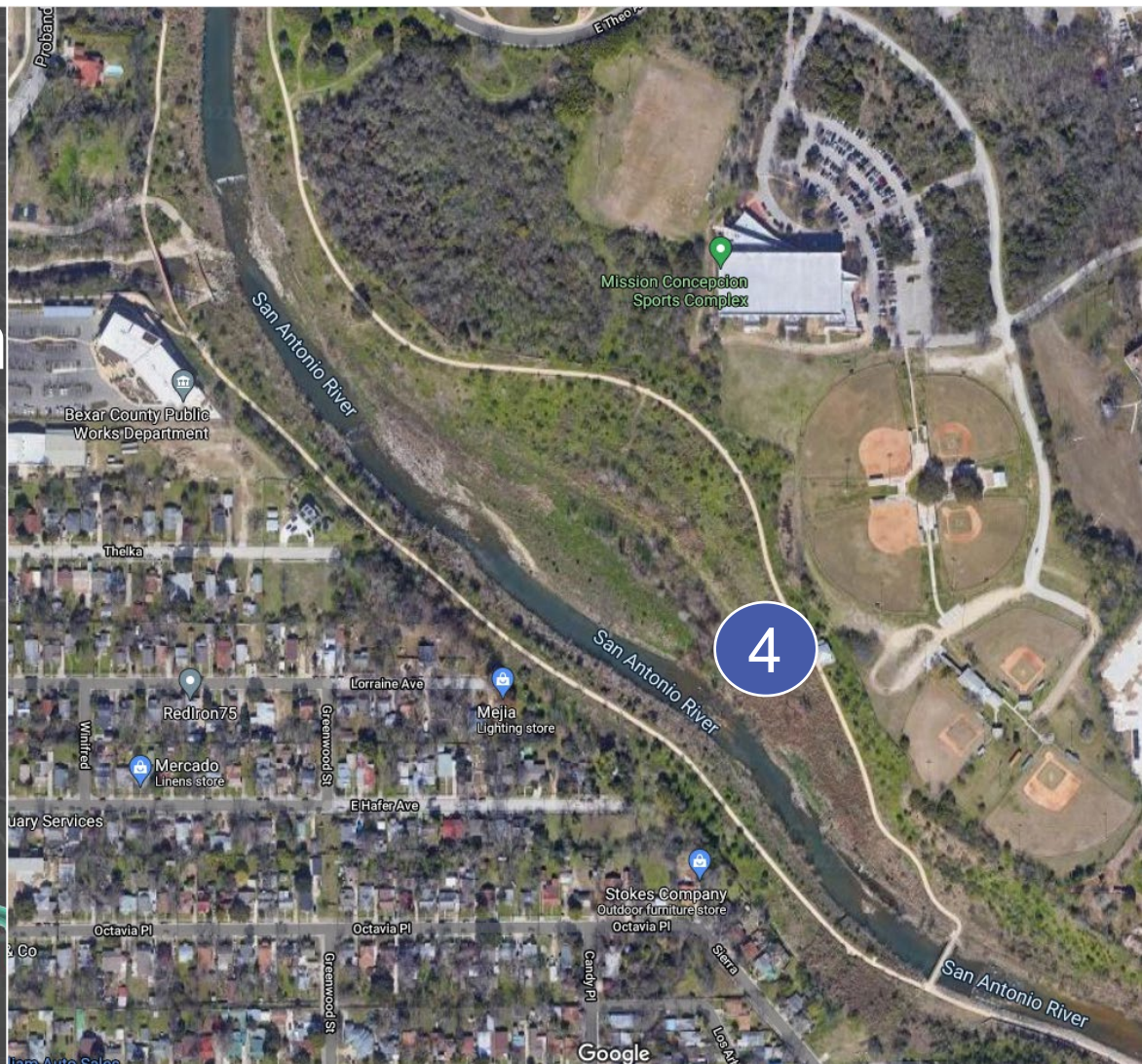


Data Comparison for 3 Points

Mission Sports Pavilion

4

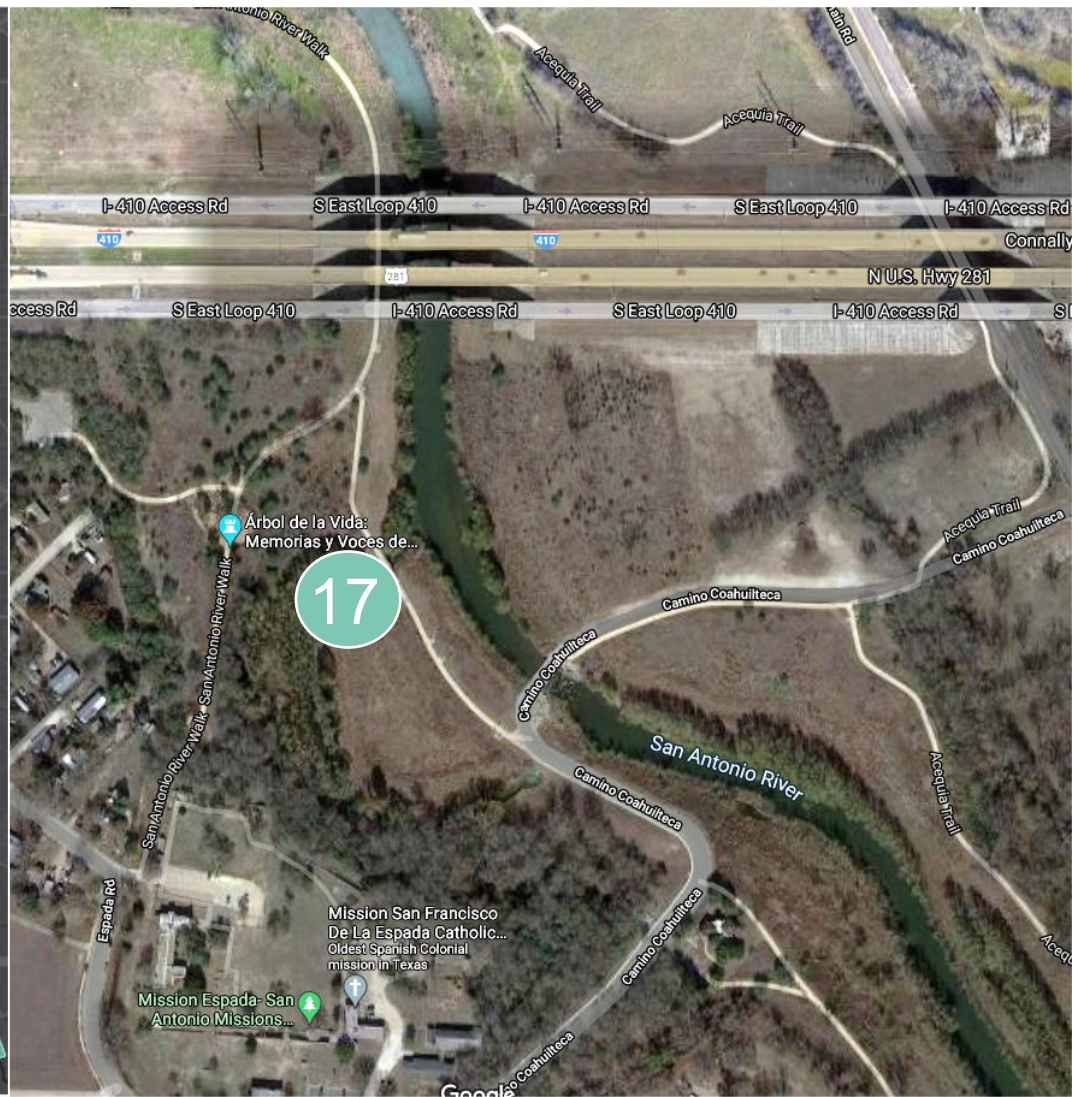
- Point with most species
- Ecosystem restoration, habitat mosaic
- Water: SAR, seasonal embayment
- Largest visible count area of restored vegetation
- Adjacent connected habitat



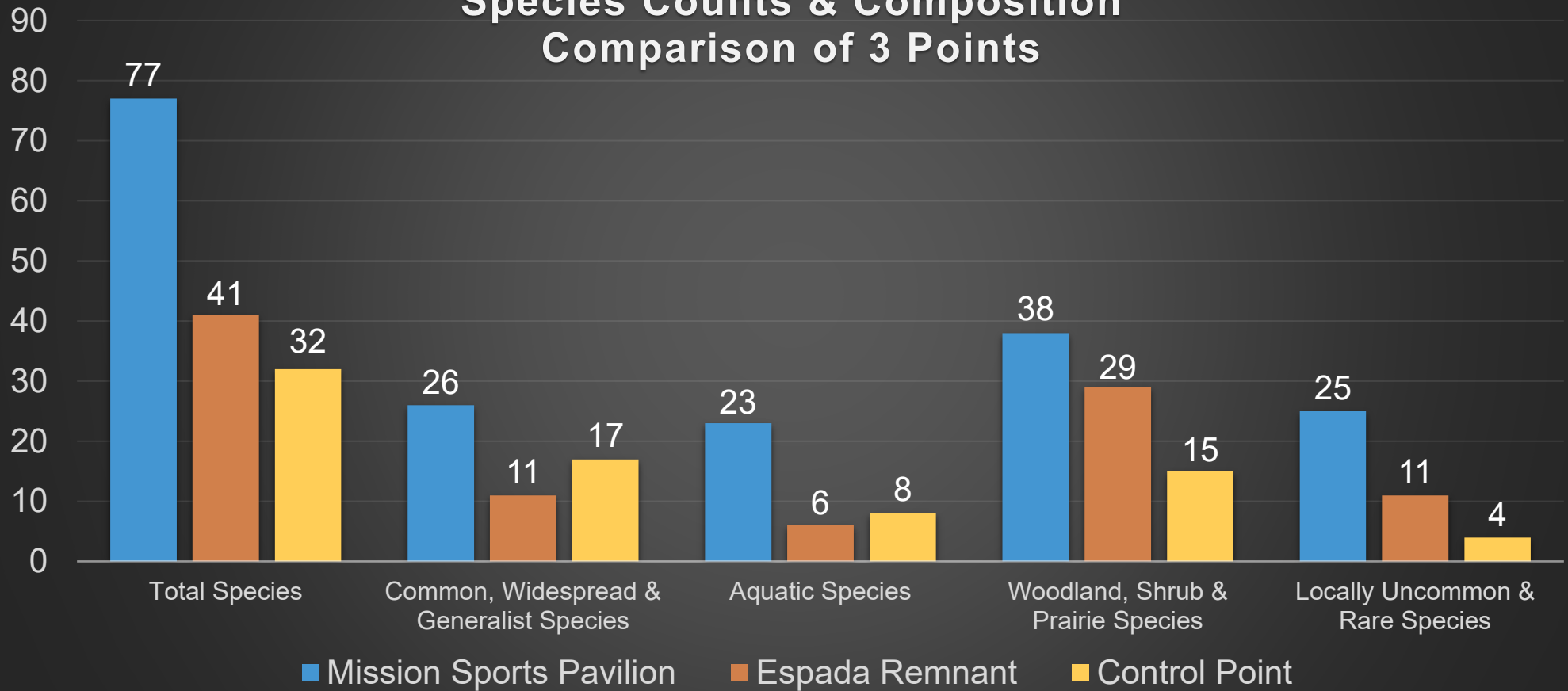
Espada Remnant

- Point with least species (non-control)
- Ecosystem restoration
- Water: Espada remnant only (count area does not include SAR)
- Smallest visible count area
- Adjacent connected habitat

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Species Counts & Composition Comparison of 3 Points



Ongoing Incidental Surveys: New Species December 21, 2018 - Present

Common Name	Native Species	Non-native Species	First Record
Spotted Towhee	X		2018
Blue-headed Vireo	X		2019
Bay-breasted Warbler	X		2019
Cerulean Warbler	X		2019
Golden-winged Warbler	X		2019
Swainson's Thrush	X		2019
Audubon's Oriole	X		2019
Cassin's Vireo	X		2020
Gray Catbird	X		2020
Long-billed Thrasher	X		2020
Pine Warbler	X		2020
Blue Bunting	X		2021
Yellow-bellied Sapsucker	X		2022
Eurasian Collared Dove		X	2022
Swainson's Hawk	X		2022
Red-breasted Merganser	X		2022



Photos: Martin Reid



Blue Bunting



San Antonio River Authority ✓

March 3 · 🌐

It's #WorldWildlifeDay & we're celebrating with a recent rare bird sighting on the San Antonio River Walk - Mission Reach! 🐦

A male Blue Bunting (*Cyanocompsa parellina*) has taken up temporary residence on the edges of the river where it has been seen darting in and out of the vegetation feeding on seed. This is the furthest north the songbird has ever been seen in Texas!

The Blue Bunting is fairly common in parts of Northern Mexico but is not typically found in the United States. One or two are found every few years in the Lower Rio Grande Valley and very rarely, one has been found along the coast, but they have never been seen inland until now!

With the addition of this unexpected bird there have been a total of 206 species recorded along the Mission Reach by avian specialist Martin Reid since December 2015. Visit our website to learn more of these birds that can be easily seen and enjoyed from the 15+ miles of Mission Reach trail. <https://bit.ly/2OiiVJp>

As a reminder, #beriverproud by staying on the trails and off vegetation while visiting our parks & trails to avoid damaging the wildlife habitat.

Photo: Martin Reid



San Antonio River Authority ✓

March 3 · 🌐



👍❤️🐦 139

29 Comments 55 Shares



Blue Bunting



Blue Bunting



Species of International Significance

Mexico – US – Canada Trinational Migrant Species (Common Name)		
Alder Flycatcher	Blue-winged Teal	Orange-crowned Warbler
American Pipit	Cliff Swallow	Orchard Oriole
American Redstart	Common Yellowthroat	Osprey
American Wigeon	Eastern Kingbird	Red-eyed Vireo
Baird's Sandpiper	Green-winged Teal	Sora
Baltimore Oriole	Magnolia Warbler	Swainson's Thrush
Barn Swallow	Mourning Warbler	Tennessee Warbler
Black-and-white Warbler	Northern Shoveler	Wilson's Warbler
Black-throated Green Warbler	Northern Waterthrush	Yellow Warbler
Blue-headed Vireo	Olive-sided Flycatcher	Yellow-bellied Flycatcher



Questions?

