

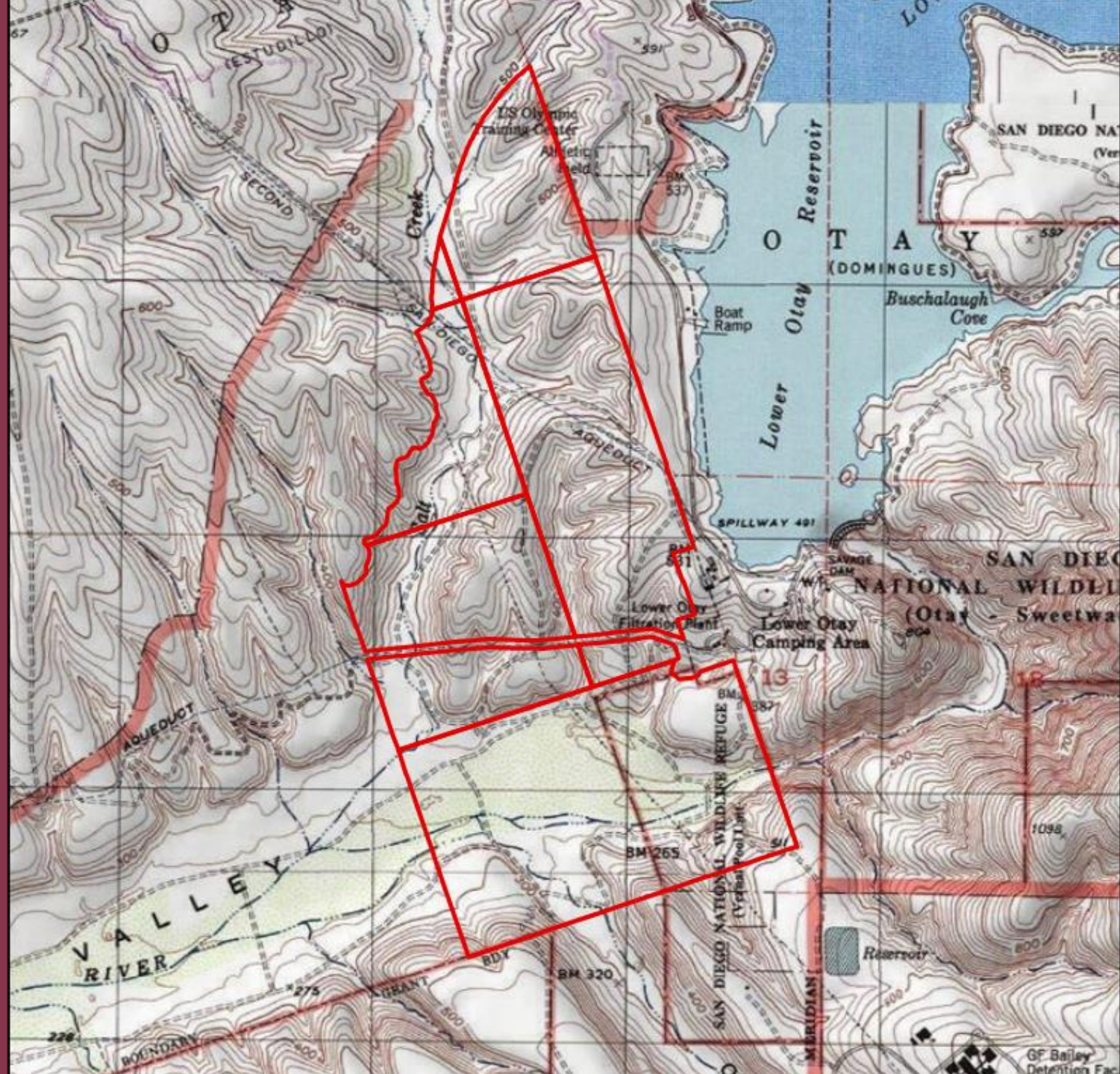
Ten Years of Riparian Bird Monitoring along the Otay River

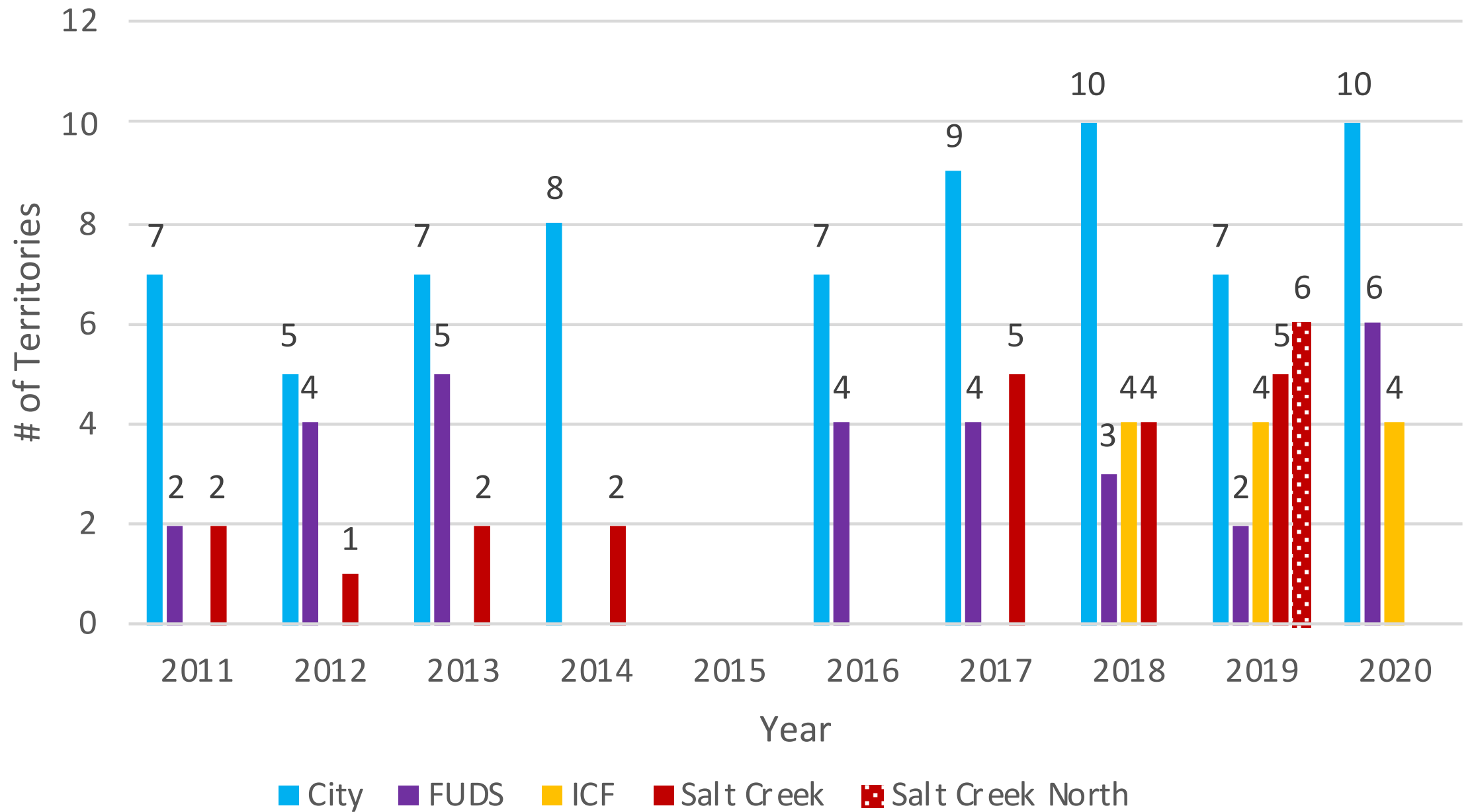


Kevin B. Clark

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Host plant species used by Least Bell’s Vireos, by survey site, Otay Ranch Preserve, California, 2020. Proportion of total nests shown in parentheses.

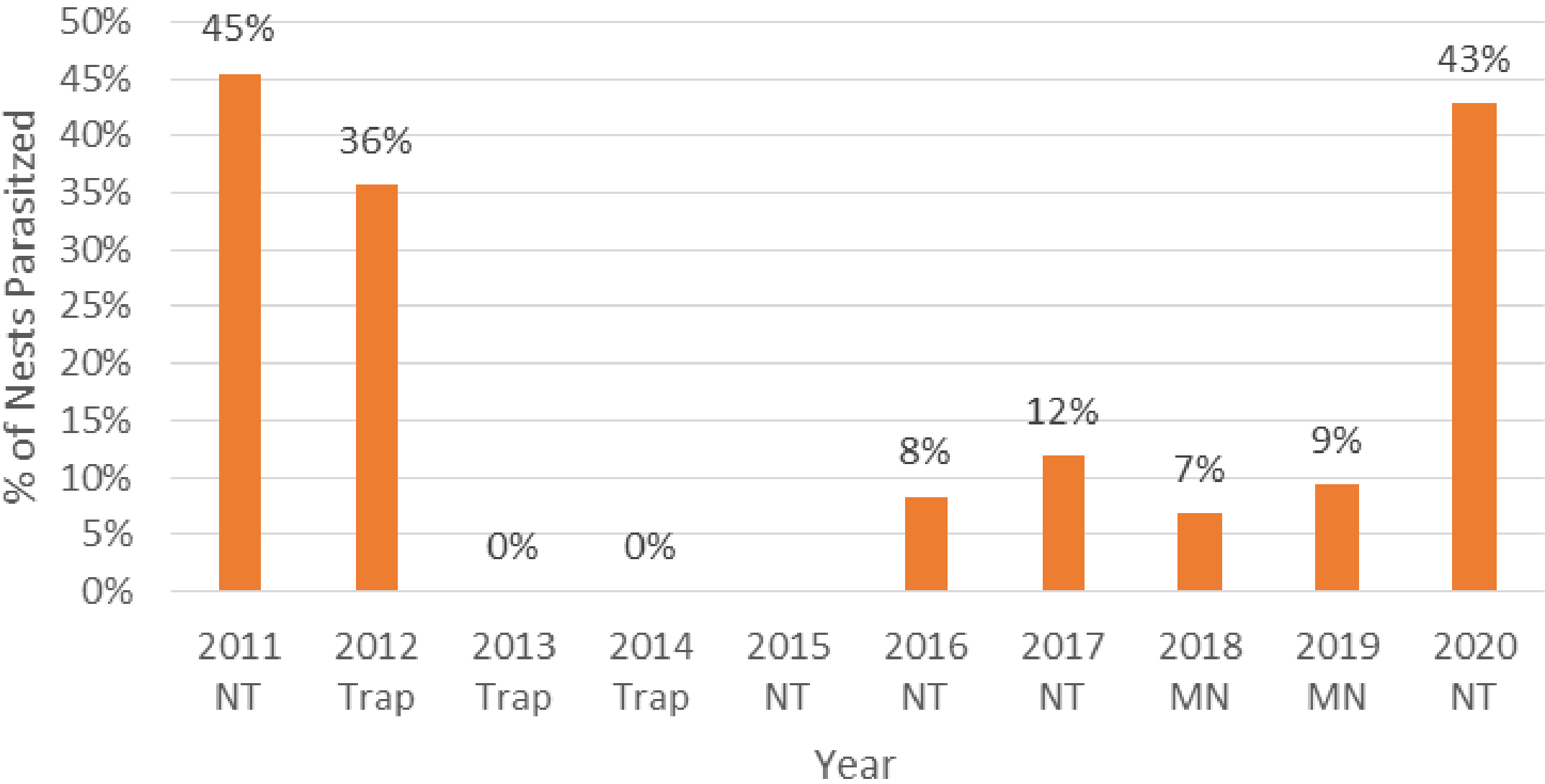
Host Species	City	FUDS	ICF	Salt Creek	Total
Laurel sumac (<i>Malosma laurina</i>)	10	2		1	13 (0.50)
Mule fat (<i>Baccharis salicifolia</i>)		2	2	1	5 (0.19)
Mexican elderberry (<i>Sambucus nigra</i> subsp. <i>caerulea</i>)			1	2	3 (0.12)
Tamarisk (<i>Tamarix</i> sp.)		2			2 (0.08)
Fennel (<i>Foeniculum vulgare</i>)		1			1 (0.04)
Tecate Cypress (<i>Hesperocyparis forbesii</i>)		1			1 (0.04)
Toyon (<i>Heteromeles arbutifolia</i>)			1		1 (0.04)
Total	10	8	4	4	26 (1.00)

Brown-headed Cowbird:

- Brood parasite
- Female can lay 1 egg per day (up to 41 per season)
- Spread into CA with cattle, agriculture



BHCO Parasitism Rate



Cowbird Trapping vs. Mist-netting





Trapping=Male biased captures (62m:38f)



Mist-netting=Female biased captures (43m:57f)

Trapping 2012-2014

- Labor intensive
- Stationary
- Male biased captures (62m:38f)
- Non-targets trapped up to 24 hours
- Expensive

Mist-netting 2018-2019

- Less intensive
- Mobile
- Female biased captures (43m:57f)
- Non-targets released immediately
- Approximate 50% cost savings in female captures per dollars spent.



HISTORICAL AND GEOGRAPHICAL PATTERNS IN *KNEMIDOKOPTES* MITE INFESTATIONS IN SOUTHERN CALIFORNIA BIRDS

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Clark, K.B., Rideout, B., Garrett, K.L., Unitt, P. and OConnor, B., 2019. **Historical and geographical patterns in *Knemidocoptes* mite infestations in Southern California birds.** *Western Birds* 50:26–36.

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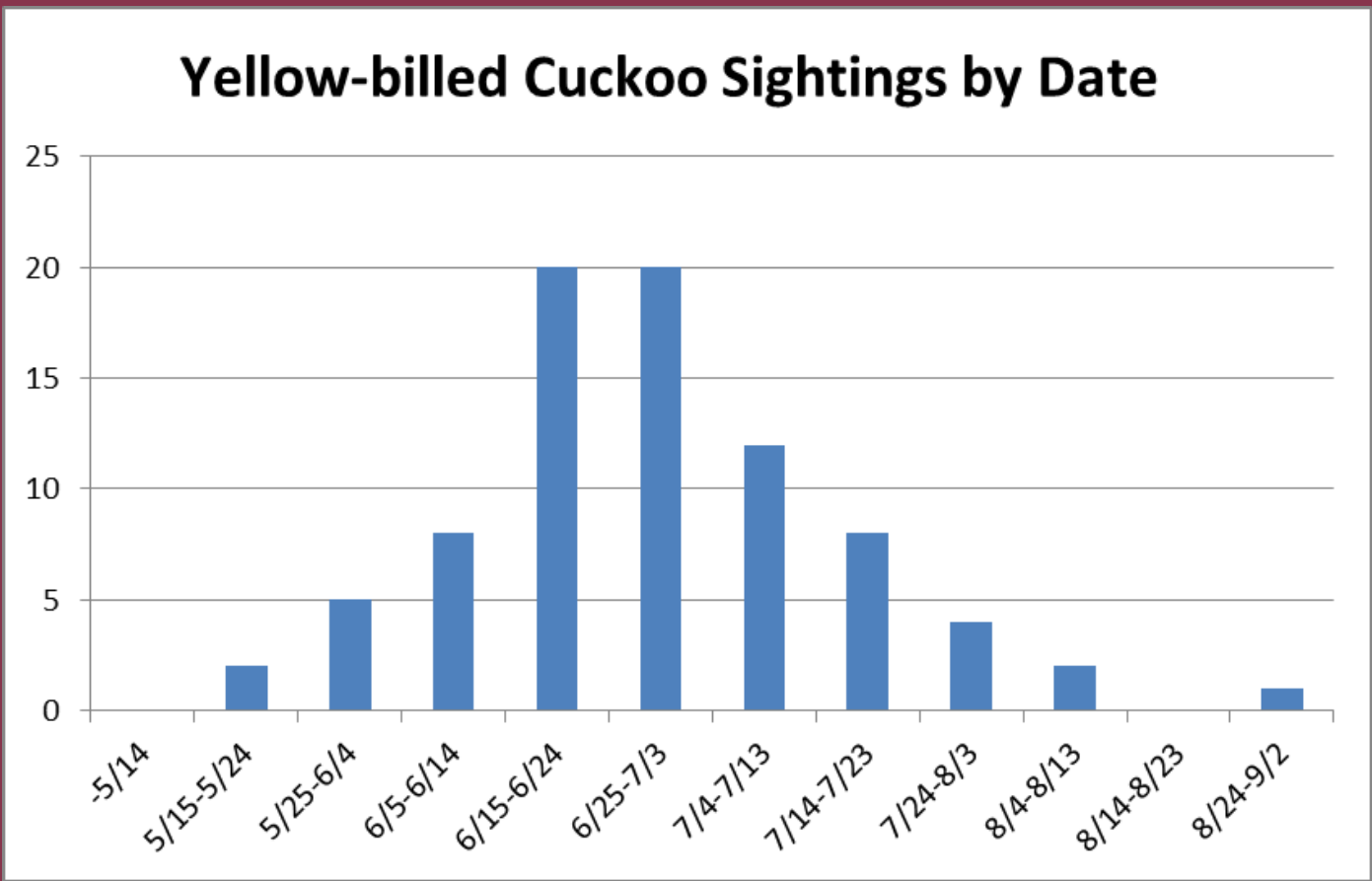
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Yellow-billed Cuckoos Found on Three Occasions:
July 20-28, 2012
July 25, 2016
September 3, 2019

RECENT TRENDS IN YELLOW-BILLED CUCKOO OCCURRENCES IN SOUTHERN CALIFORNIA, WITH OBSERVATIONS OF A FORAGING CUCKOO IN SAN DIEGO COUNTY

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BETH PROCSAL and MARK DODERO, RECON Environmental, Inc., 1927 Fifth Avenue, San Diego, California 92101



Clark, K. B., B. Procsal, and M. Dodero. 2014. **Recent trends in Yellow-billed Cuckoo occurrences in southern California, with observations of a foraging cuckoo in San Diego County.** Western Birds 45:141-150.



Found 3 August 2020 in Encinitas. Had been feeding on an outbreak of red-humped caterpillar (*Schizura concinna*) on a *Liquidamber* tree in a residential yard.



Found 18 October 2020 in Carmel Valley. One of the latest records in the fall known for California.

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