



Madrone LEAVES

Madrone Audubon Society, Inc., Post Office Box 1911, Santa Rosa, California 95402

VOLUME 56 December 2022/January 2023 Number 3

A Special 2022 Jenner HawkWatch Season

by Larry Broderick

This past October 2022, the Jenner Headlands HawkWatch team witnessed the largest single-day count ever of Broad-winged Hawks (BWA) in Jenner. These observations were part of the annual hawk monitoring project that takes place in the Jenner Headlands Preserve. Broad-winged Hawks are a small compact Buteo, similar in size to Red-shouldered Hawks. The BWA's are one species of raptors that migrate through our Sonoma County region and are unique because they come from the far northern forests of Canada and migrate to Central and South America, and there is very little documentation of the West coast movements of these birds.

They just pop up at migration count sites and random eBird reports, like the annual Fall migration counts at Jenner. The biggest West Coast data on the BWHA's has been from Golden Gate Raptor Observatory. They get a lot more than us; during small peak migration windows of a few days - They can get over 100 sightings a day, but getting 14 in one day at Jenner is huge for us. Prior to that, 6 in one day was our biggest number. Usually, we get 1 or 2 a day during their peak 2-week window of travel through our regions.

On October 13, 2022, HawkWatch Team 2 recorded 14 BWHA's. Team members were Kathleen M., Kathleen R., Scott K. and Larry B. The report:

10.13.22 ~ Team 2 full report, and more.... (the 14 BWHA day)
Team: Kathleen M, Kathleen R. Scott K. Larry B.

- 63 TUVU
- 1 OSPR
- 5 NOHA [2 JUV, 2 UNDOC, 1 FEMALE]
- 16 SSHA [8 JUV, 4 ADULT, 4 UNDOC]
- 26 COHA [15 JUV, 8 ADULT, 3 UNDOC]
- 14 BWHA [6 JUV, 6 LIGHT MORPH ADULT, 2 DARK MORPH ADULT]
- 62 RTHA [15 JUV, 47 ADULT]
- 12 AMKE [5 UNDOC, 4 FEMALE, 3 MALE]
- 2 MERL
- 2 UNDOC ACCIP

Excerpt from the Team's report: We weren't sure about going up due to the prior day being fogged out, and in general fog over

the past month, both on the Jenner HawkWatch counts at the Jenner Hawk Overlook and The Wildlands Conservancy/Sonoma Land Trust hikes at the Estero and Jenner. But, one thing about the fog is, at some point, it will open up and you'll get clearer skies and for all the fog days, it will pay off in the long run.



Broad-winged Hawk

Courtesy of Jerry L.

Continued on page 2

GENERAL MEETING

December 2022 - No Meeting

Monday, January 16, 2023, 6:30-8:00 p.m.

Sonoma County Raptors

Presented by Larry Broderick

Join Naturalist Larry Broderick to explore natural history, identification, and a regional update. We will meet via Zoom.

Join Zoom Meeting

<https://us02web.zoom.us/j/82188971370?pwd=N0V6MUVIMnJ3bnBNSG5kQUdORHd6dz09>

Meeting ID: 821 8897 1370

Passcode: 438353

Or call

1 669 444-9171

(same Meeting ID and Passcode)



Red-tailed Hawk

Courtesy of Gordon Beebe



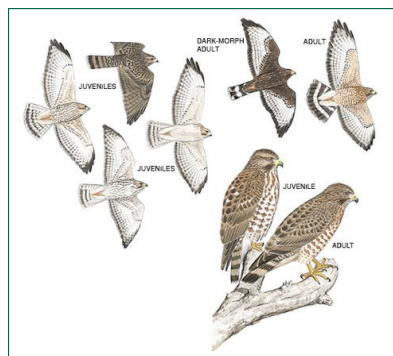
HAWKWATCH SEASON

Continued from page 1

Sitting up at the original West Coast Hawk Hill (Golden Gate Raptor Observatory) in the late 1980s and through the 1990s, we had many foggy days, but we also learned sometimes the fog would clear on any given day; and if it was fogged out one day, the next day could be a big count day if the skies parted even if just for an hour or so. In this case, 10/13/2022 at Jenner is pretty much what happened.

We were socked in like split-pea soup from 10:00 AM to 11:30 AM with just a few sightings when the fog would break for a minute or two and we saw perched Kestrels and Red-tails. Around noon, we decided to carry on to at least 1:00 PM, and a few minutes after high noon, the skies began to clear, say 12:15-12:20'ish... The normal characters, Harriers, Red-tails, Kes's, and then the migrants started popping through in that 3rd hour (Noon to 1:00 PM). Roughly a dozen and a half Sharpies and Coops, a quick Merlin, a distant Osprey.

Then, we spotted a small compact Buteo that looked nothing like a Red-shouldered Hawk, The Broad-winged Hawk flew the coastal route (4 routes that we know of that we've seen the BWHAs use in the past 12 years or so; ([a] coastal, [b] coastal to overlook, [3] upper tree-line to lower tree-line and [4] upper tree-line to overlook), so this first* BWhA took the coastal route right on the fog line over Harrier Hill, then Hump Back, then out over the old dairy site and S curve, and down past peninsula and newly named (to team 2) Guano Rock, and down to Goat Rock Beach.



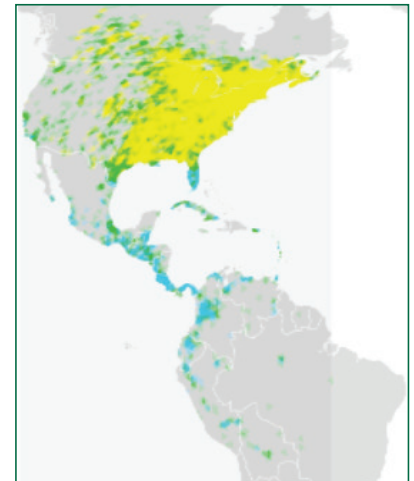
Life Stages chart of Broad-winged Hawk
Courtesy of National Geographic

We all looked at each other and started talking about the difference in RSHA and RTHA flight styles versus the BWhA flight style, profile, and silhouettes. As a team leader and ID specialist, I had to get everyone on the same page because there was a feeling more BWHAs could be on the way, and not everyone is familiar with distant BWhA ID traits and characteristics. Once the team was aligned, again, we all had that feeling it was going to be a great day based on the fog finally clearing. It's what a hawk watcher strives for -- a big day after the rains or after days of fog.

Into the 4th hour (1:00 PM to 2:00 PM) with partial skies clearing at the originally named Jenner Hawk Overlook (aka The Wildlands Conservancy's "Hawk Hill"), the Broad-winged Hawk faucet was turned on and 13 more came through. A couple were distant, but most came in right over us and even a new 10-week veteran novice ID team member (Scott Kirk) could make the calls easily. Just think, 2 months into your Raptor Identification adventure and you get 14 Broad-wings in one day. It took me 40+

years to get 14 Broadies in a day (outside of GGRO territory). Congratulations, Scott! You're off to a great start.

So, as mentioned, that first* BWhA in the third hour, the flight path was described above and at least one other BWhA in the 4th hour took that route. The next grouping of about 3 or 4 BWHAs was on that coastal route, but closer to us. They'd come over Harrier Hill and went easterly toward Stonehenge and the middle water troughs, and over lower



eBird distribution for Broad-winged-Hawks chart

Wishbone and came close just above the west/southwest flanks of the overlook. Then, the remaining 7 or 8 came along that same line, but deeper in towards us over upper Wishbone, Serpentine and methodically right over us. I think in total it was groupings of 1,2, 4, 3, 4 Broad Wings, and then a kettle of 5 behind us, but we were pretty sure those 5 were some of the ones that had passed in that last group of 3 and 4, so we held the count at 14 total. All the while that last hour, basically from 3:00 PM to 3:30 PM, also delivered 25 Accipis, and a Merlin, amongst the normal cast of characters, Kes's, Tails, a Harrier.

The Broad-winged Hawks are a bit smaller than the Red-shouldered Hawks and fly totally differently than the RSHAs. From Cornell: "Broad-winged Hawks are small, compact raptors with chunky bodies and large heads. In flight, their broad wings come to a distinct point. The tail is short and square. Adult Broad-winged Hawks have reddish-brown heads, barred underparts, and broad black and white bands on the tail. The pale undersides of the wings are bordered in dark brown. Juveniles are lighter brown with coarse streaking on the underparts, particularly on the sides of the breast; the tail is narrowly banded. In the West, rare dark-morph adults are completely dark sooty brown with a banded tail."

A lot of mystique and lore exist regarding the (western) Broad-winged nesting locations, migration, and numbers. For sure, all the data documentation and history is driven by the eastern and central BWhA populations. One need only to look at range maps by Cornell and Audubon and bird "field guides" to see this. The Western Migration route of the BWhA is entirely missing in most publications and documentations. (eBird is now correcting that by default over the past decade.)

Over the last 30 years, the main migration trend of the western BWHAs is solely documented by GGRO from whom the main thrust of the Jenner HawkWatch (JHW) teams is derived. The initial JHW teams were based on GGRO folks and their GGRO



HAWKWATCH SEASON

Continued from page 1

affiliations, some coming from Audubon as well. Case in point, we are essentially a non-official branch of GGRO. We use their count sheets, their methods, and their protocols to a certain extent. We just don't run enough days, but we try.



Broad-winged Hawk Courtesy of Lisa Hug

So, in mentioning GGRO, we check their day to day counts to see what they are seeing, and they check us vice versa. On 10/13/22, GGRO had 11 BWHAs. I spoke to the Director of GGRO about this season's prolonged BWhA migration and he agreed they usually come through in larger groups in a tighter time frame, but this year, it's been spread out and more prolonged. And he also weighed in on the devoid documentation from all the publications and organizations and just said to keep doing what we are doing and keep up the great work. He has been a solid pillar for us all since day one and we are grateful to have his blessing and advice.

The Jenner HawkWatch team is confident the data at Jenner and the data at GGRO will rewrite the books of Broad-winged Hawk distributions during migration. In Jenner, all that data comes from the teams, big or small, Team 1, 2 or 3. We all are doing great work. To the teams, thank you for all your dedication and determination.

Going back to the historical aspects of Jenner and building a HawkWatch team(s), this all goes back to:

- (1) the late 1980's with Monte Kirven and our trips looking into the headlands from Hwy 1;
- (2) Dan Nelson and his success on Bay Hill Road overlook, documenting migrating Accipis, Merlins and BWHAs {Dan's vision is what prompted us to start the watch in Jenner circa 2009}; and
- (3) Jesse House and West County HawkWatch in the mid 1990s, documenting over-wintering RLHAs and FEHAs, again looking up into the headlands, wishing and hoping someday we could get in there. Fast forward to the 2008-2009 overwintering season and doing bird surveys via Sonoma Land Trust's direction, and launching the official JHW Teams Watch in 2010.

This day of 14 Broad-winged Hawks is a big deal, as are big days of Accipiters, Merlins, Ferruginous, a Golden Eagle, a Rough-legged Hawk, or a rare Goshawk, even a wayward Swainson's Hawk! Great job, Jenner Hawk Watchers. Keep up the fantastic citizen scientist work. You will be rewarded with great views, cool hawks and interesting, fun and dynamic people.

Donations

**In Memory of
Esther Boitano**
by Gary Derlien

**In Memory of
Andy Lacasse**
by Rae Ann LaCasse

**In Memory of
Kurt Grubaugh**
by Jill Koenigsdorf

**In Memory of
Helen Petty**
by Cornealia Young

**In Honor of
Susan Kirks**
by Claudia Norby

New Members

Santa Rosa
*Gary Derlien
Regina Milavec*

Sebastopol
Laura Pritchard

BOARD OPENINGS

Help our Chapter

We currently have volunteer openings for the *Leaves* Editor and also Publicity Chair. If you'd like to help our members and Sonoma County's birds and wildlife, please contact President Susan Kirks for more information. (707) 241-5548, susankirks@sbcglobal.net. (Our Board meets virtually via Zoom, so attending our monthly 1.5 hour Board meeting is convenient from home.)

Team 2 Co-Lead Kathleen M. called it the night before when we were strategizing about getting a team up on the hill....

"Hey, Larry. I'd love to come and looks like my day is open. How many Broad-wings can we get? Looking forward to it!!"

(Photography note: Broad-winged Hawks are not from Jenner, even though the 10/13/22 BWHAs flew right over us. There were no photographers on duty - references here for example only.)



Christmas Bird Count 2022 123rd National Audubon CBC

Christmas Bird Count – Madrone Audubon’s West County 2022

by Dr. Stacy Li

Join our 56th annual Western Sonoma County Christmas Bird Count on Sunday, January 1, 2023. Although the height of the pandemic appears to have passed, the current COVID variant continues, and this year we request that you wear a mask (N95 recommended), be vaccinated for COVID, and bring hand sanitizer with you to use as needed. No shaking of hands and if you need to cough, cough into your elbow. With these continuing safety and health protocols, distancing 6 feet apart for members in each group, we can continue to support our mutual states of good health.

We received such positive feedback about our 2021 post-count article in *Leaves*, with each team sharing highlights of your experiences, we plan to share your reports again in February-March 2023 *Leaves*. Be sure to note highlights and also challenges during your count day. Perhaps a group member can take a few photos to share as well. We will not be gathering this year at the Sebastopol Community Cultural Center for our post-count dinner, but we hope to gather next year to share a meal and our usual highlights.

Madrone Audubon will provide a small honorarium check for each CBC group leader to use at your discretion on count day for beverages and snacks. A nice hot chocolate, coffee or tea with scones or beverages with snacks could be a boost for the long day each team may encounter.

The annual Christmas Bird Count of the National Audubon Society is an exceptionally important citizen science project, to help gather data to update our national knowledge about birds and to inform climate change awareness and courses of action. Thank you to our group leaders and members and guests who participate in a very important area of Sonoma County for the annual Christmas Bird Count – West Sonoma County!

Contact Stacy Li, Deputy Coordinator-West Sonoma Christmas Bird Count (707) 527-2037 to join a team. Participants of past Christmas Bird Counts, contact your Area Leader, but call me if you want to see another area.

Other Area Christmas Bird Counts for 2022

Santa Rosa CBC - sponsored by Redwood Region Ornithological Society (RROS) is limited to members and scheduled for Sunday, December 18.

Sonoma Valley CBC - sponsored by the Sonoma Ecology Center (and RROS), scheduled for Friday, December 30. It is centered a bit west of the town of Sonoma and includes the Sonoma Valley north to Glen Ellen and south to Wingo, east to the east slope of Napa Ridge, and west to Shollenberger Park, Ellis Creek treatment ponds, Tolay Lake Regional Park, and east Petaluma.

Gene Hunn coordinates and compiles count data for both the Santa Rosa CBC and the Sonoma Valley CBC. For questions and info, contact Gene via email at enhunn323@comcast.net.



Bald Eagle pair

Courtesy of Tom Reynolds



Canvasback Ducks

Courtesy of Tom Reynolds

Napa Solano Audubon CBC - Angwin CBC. Sunday, January 1, 2023, at 8:00 AM. This circle includes St. Helena, Deer Park, Angwin and Pope Valley, along with Los Posadas State Forest, Bell Canyon, Lake Hennessey, and Lake Berryessa’s western shores. To participate or for questions, contact Murray Berner at vireocity@hotmail.com.

Christmas Bird Count for Kids

Petaluma Wetlands Alliance-sponsored CBC4K at Shollenberger Park, Petaluma: Saturday, December 31, 9:30 AM-Noon. Want to volunteer or participate? Contact Sheryl Nadeau at 33sheryln@gmail.com.



Our Board and Conservation Committee meetings are held virtually. For Board meeting information, contact President Susan Kirks, 707-241-5548, susankirks@sbcglobal.net. For Conservation Committee meetings and information, please contact Diane Hichwa, 785-1922, dhichwa@earthlink.net. Also, please visit our website, www.madroneaudubon.org for updates.

December 2022

December 8

Thursday, 8:30-10:30 AM

Laguna de Santa Rosa
900 Sanford Rd, Santa Rosa, CA

Leader: Janet Bosshard

Meet in the parking lot off Hwy #12. Be prepared for winter conditions, wear appropriate winter weather clothing and shoes. Persistent heavy drizzle will cancel. Questions: 707-526-5883.

December 11

Sunday, 10 AM – 1:00 PM

Tolay Lake Regional Park
5869 Cannon Lane, Petaluma, CA

Leader: Larry Broderick

We'll walk and look for raptors and other wildlife. Be prepared for cool weather. (Park pass is required. Day pass can be bought at the park, \$7.00.) From the north, head south on US-101 S to CA-116 E/Lakeville St in Petaluma. Take exit 472B from US-101 South. From Lakeville, continue east and look for the Tolay Lake Regional Park sign. Drive to Cannon Ln/Mangel Ranch Rd., turn left and go up the hill. We'll meet down by the barn. Questions: (707) 791-0335, or email: northcoastraptor@gmail.com.



Western Scrub Jay, Spring Lake

Courtesy of Tom Reynolds

January 2023

January 1

Sunday, all day

56th Annual West Sonoma County Christmas Bird Count.
Info: Stacy Li, (707) 566-7937. (See article, page 4)

January 12

Thursday, 8:30 -10:30 AM

Cloverdale River Park
31820 McCray Rd, Cloverdale, CA

Leader: Janet Bosshard

Parking pass is required. From Santa Rosa, take Hwy #101 to exit #522, just north of Cloverdale. Turn right on Redwood Hwy, then first right on McCray Road. Follow it to the end. Parking lot is on your left. This is a flat 1.1 mile (one way) asphalt path. Prepare for winter weather. Questions: (707) 526-5883.

January 14

Saturday, 10:00 AM – 1:00 PM

Sears Point Wetlands aka Baylands/Dickson Ranch
(Directions below)

Leader: Larry Broderick

Education walk and Birds of Prey tour. At the stoplight and intersection of SR 37 and Lakeville Highway/ Reclamation Road, turn onto Reclamation Road, go approximately 1/4 mile south to the parking lot on your left. We'll meet at Sears Point Trail head on Reclamation Road at 10:00 a.m. Follow signs from the parking lot to the Trail head. We'll walk and tour the area until 12:30 to 1 p.m., depending on what we see. We'll walk Dickson trail, Elliot trail and possibly the Baylands trail. We'll discuss the wetlands restoration project and the importance of wetlands as we look for raptors, other birds and wildlife. Focus on Raptor Identification and beginning, novice birding. Questions: (707) 791-0335 or email northcoastraptor@gmail.com to sign up and for more info.

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January 2023 continued

January 19

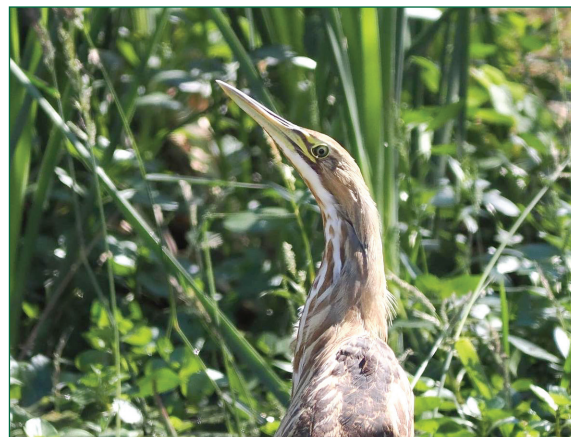
Thursday, 8:30-10:00 AM

Ellis Creek Recycling Ponds
3890 Cypress Drive, Petaluma

Leader: Linda Fraley

Good for ducks and waterbirds. Some raptors. From the north, take Highway 101 heading south, take exit 472B for CA-116 Sonoma/Napa. Then, turn left onto Lakeville Highway. Go to S. McDowell Blvd and turn right. Then, turn right onto Cypress Drive and continue through gates of the Ellis Creek Water Recycling Center. Park in the lot near restrooms.

Questions: (559) 779-5211.



American Bittern

Courtesy of Tom Reynolds

January 21

Saturday, 8:00-9:00 AM

Paula Lane habitat area
Paula Lane/Sunset Drive, West Petaluma, CA

Leader: Susan Kirks

Let's Enjoy Nature walk. For families with young children (inc. infants in strollers) who want to enjoy 45 minutes to an hour of outdoor discovery, using our available senses – sight, smell, listening and touch. A good pre- or post-breakfast outing. Easy stroll to view grassland habitat, identify destruction versus how to nurture, enjoy birds and wildlife, and a short uphill journey to view a wildlife corridor. From downtown Petaluma, head west on Washington St. west, turns into Bodega Ave. 1.4 miles from downtown, see Bodega Ave. Market on left, small green sign for Paula Lane on right. Turn right onto Paula Lane and go uphill to x-section w/Sunset Drive. Easy curb parking if driving. We'll meet at the sign for Paula Ln/Sunset Drive. Questions: (707) 241-5548.

January 26

Thursday, 8:30-10:30 AM

Ellis Creek Recycling Ponds
3890 Cypress Dr., Petaluma, CA

Leader: Janet Bosshard

Coming from the north on Hwy 101, head south, get off at Hwy #116 and turn left onto Lakeville Hwy. Turn right onto S. McDowell Blvd. Turn right onto Cypress Drive and follow this to the end, through the gates, and park near restrooms.

Questions: (707) 526-5883.

Upcoming Membership Meetings February-March

Monday, February 20, 6:30pm
The Aztec Fascination with Birds
presented by Gene Hunn (Zoom)

• • •

Monday, March 20, 6:30pm
The Birds of Southwest Columbia
presented by Jim Thomason
(Fellowship Room, Methodist Church
1551 Montgomery Dr., Santa Rosa)

For planting and
habitat consideration,
see our
**Tree & Vegetation
Planting Guide**

[https://madroneaudubon.org/pdf/
Tree and Plant List.pdf](https://madroneaudubon.org/pdf/Tree%20and%20Plant%20List.pdf)



SUPPORT SPECIES – CLIMATE CRISIS

Longest Known Non-Stop Migratory Flight

by Susan Kirks

As scientists, conservationists and concerned humans advocate for faster government and corporate actions to address global warming, we receive news of the miracles of Nature. Those of us dedicated to conservation, habitat protection and enhancement, birds and wildlife resonate with such stories. We already appreciate the miracles of Nature. We endeavor to help increase awareness to reverse the course of climate change and cut through political obstruction before it's too late.

Recent news of a 4-month-old Bar-tailed Godwit's unbelievable migratory flight has emphasized the very facts of Nature's messages to us – and the strength of the smallest creatures against all odds. This Godwit was part of a study to track migration of juvenile (hatch year) Bar-tailed Godwits from breeding sites near Nome, Alaska. The study was created by scientists from the US Geological Survey, US Fish and Wildlife and Max Planck Institute. The interest was to better understand how birds navigate their first migration from Alaska to wintering sites. The bigger picture was to attempt to understand where godwits face their greatest threats during migration.

The Bar-tailed Godwit is a large wading shorebird that breeds in Alaska (see accompanying photo adult). Shorebirds are intimately linked to shorelines and wetlands, potentially heightening vulnerability to climate-related impacts such as sea level rise and diminishing wetland habitat. Shorebirds also rely on interconnected networks of ecosystems at sites that may be thousands of miles apart around the world.



Bar-tailed Godwit

Courtesy of National Audubon Society

A different Godwit previously held the record for non-stop flight in the last two years of 8,109 miles (13,050 km) from Alaska to New Zealand in 2021 and in 2020, 7,987 miles (12,854 km).

“They don't land on the water. They don't glide,” said Dan Ruthrauff of the US Geological Survey. Ruthrauff, a research wildlife biologist helped tag the young Bar-tailed Godwit known as B6. “This is flapping flight for a week and a half. It's crazy, and I think is just tangible enough that we can appreciate it and have our minds properly blown.”

Bar-tailed Godwits breed in Alaska and migrate annually to wintering sites in New Zealand and eastern Australia. This study represents the first time juvenile southbound migration has been tracked. This young Godwit's flight took place October 13-24.

(Resources: US Geological Survey - Alaska Science Center, BirdWatching, National Audubon)



Bar-tailed-Godwit-B6

Courtesy of Dan Ruthrauff-USGS-BirdWatching

The young godwit was fitted with a leg band and a solar-powered satellite transmitter prior to departing Alaska. Researchers documented an 8,425 mile (13,558 km), non-stop, 11-day flight from Alaska to Tasmania, Australia. The trip represents the longest documented nonstop flight by any animal.

Legacy Giving

Helping Sonoma County's
Birds and Wildlife into the Future
Madrone's Legacy Care Program



Please contact Madrone Audubon
707-241-5548

**Observations**

Fall 2022 • Dan Nelson • 479-2918 • birdsurf64@sbcglobal.net

Tufted Puffin (1)	10/16	Offshore Marin/Sonoma County	RROS, GH, et al
Masked/Nazca Booby	7/22	Offshore Humboldt Co., Shelter Cove	JC
Masked Booby (1)	7/31	Farallon Is, on Sugarloaf Rock	DW, et al
Brown Booby (1)	10/16	Offshore Marin/Sonoma County	RROS, GH, et al
Red-footed Booby (photo)	9/11	5100 Thomas Rd-E of Green Valley Rd.	Rajan Rao
White Pelican (260)	6/29	High count at Novato Costco ponds	JH
Black Tern	9/23	Hudemann Slough	LK
South Polar Skua (3)	10/16	Offshore Marin/Sonoma County	RROS, GH, et al
Long-tailed Jaeger	10/16	Offshore Marin/Sonoma County	RROS, GH, et al
Black-footed Albatross	10/16	Offshore Marin/Sonoma County	RROS, GH, et al
Fork-tailed Storm-Petrel	10/16	Offshore Marin/Sonoma County	RROS, GH, et al
Leach's Storm-Petrel (2)	10/16	Offshore Marin/Sonoma County	RROS, GH, et al
Ashy Storm-Petrel	10/16	Offshore Marin/Sonoma County	RROS, GH, et al
Black Storm-Petrel	10/16	Offshore Marin/Sonoma County	RROS, GH, et al
Broad-winged Hawk(40-50)	10/7	Hawk Hill/Marin Headlands	DN, RL, et al
Broad-winged Hawk (14)	10/14	Jenner Headlands Hawkwatch	LB, et al
Swainson's Hawk (2)	July-Aug.	Ellis Creek	DN, et al
Swainson's Hawk (2)	May-Aug.	Reclamation Rd. @ Hwy. 37	DN, et al
Mississippi Kite	10/6-7	Bolinas area W. of treatment ponds	SH, KH, et al
Bald Eagle (2 ad.)	thru mid-June	Bodega Harbor area	DN, M.Ob
Bald Eagle (2)	10/20	Bodega Harbor area	DN
Least Bittern (2-3)	July-Nov.	Ellis Creek ponds	DN, et al
Yellow-crowned Night-Heron	(continuing)	Sausalito; Marinship Way	M.Ob
Semipalmated Sandpiper	8/14	Bird Walk/Smith Brothers Rd.	J Sneed
Curlew Sandpiper	8/27	Bodega Harbor near Smith Bros. Rd.	MS, LS, TB, MB
Pectoral Sandpiper	10/21	Doran Park entrance pond	LH
Lesser Sand-Plover	6/28	Solano County; on private property	LS, MS, EM
White-winged Dove	9/3	Ranch off Hwy 12 just E. of Bodega	SC
Lewis's Woodpecker	10/12	Nagasawa Community Park	M.Ob
Eastern Kingbird	9/2	Bodega Marine Lab entrance road	JS
Tropical Kingbird (2)	10/17	Campbell Cove	GP, DN, et al
Great-crested Flycatcher	10/17	Bodega Marine Lab Residence trees	PC
Ash-throated Flycatcher	8/26	Campbell Cove	MS, DN
Gray Flycatcher	10/13	Campbell Cove	CR
Vermilion Flycatcher	10/13	Rodeo Lagoon, Marin Co.	WL
Mountain Bluebird (imm)	10/30-31	Mt. St. Helena summit	LS, et al
Phainopepla	11/3	Foothill Regional Park	MG
Cedar Waxwing (nesting)	6/14	Marin Coastal Trail/Youth Hostel area	RC
White Wagtail	10/24-11/8	Las Gallinas	M Swartout
Yellow-throated Vireo	10/3	Santa Rosa Creek trail	BW, LH, et al
Yellow-green Vireo	9/21	Rail Ponds	LS, MS, JV, AW, et al
Yellow-green Vireo	10/14	Campbell Cove (photo)	J Sterling, DN, et al
Philadelphia Vireo	10/8-14	Campbell Cove	TB, DN, LS, MS et al
Red-eyed Vireo	9/ 16	Bodega Dunes Campground	D Sieburth
Blue-headed Vireo	9/28	Owl Canyon entrance willows	DN
Black-and-White Warbler	9/23	Coleman Valley Rd.	SC
Northern Parula Warbler	9/11	Willow Creek Rd.	MS, LS
American Redstart	9/3	Russian Gulch	SC

Continued on page 9

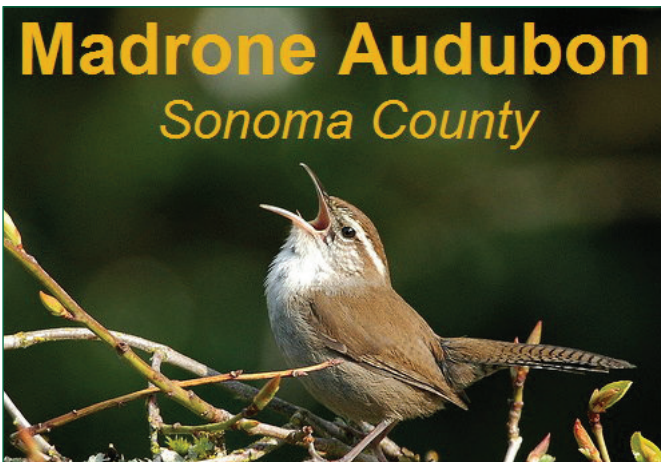


OBSERVATIONS

Continued from page 8

American Redstart	9/27	Spring Lake	MB
Blackpoll Warbler	9/17	Owl Canyon	LS, DN, et al
Blackpoll Warbler	10/8-9	Bird Walk	M.Ob
Tennessee Warbler	9/1	Stengel Beach lot	LH
Tennessee Warbler	10/16-20	Owl Canyon	AW, et al
Chestnut-sided Warbler	9/21	Owl Canyon	GP, et al
Chestnut-sided Warbler	10/8	Owl Canyon	DN, et al
Magnolia Warbler	9/21	Owl Canyon	GP, et al
Cape May Warbler	9/28-29	Spring Lake	GP, et al
Blackburnian Warbler	10/16	Owl Canyon	AW, GP, et al
Blackburnian Warbler	10/18	Spring Lake	JV
Northern Waterthrush	8/26	Campbell Cove	LK, DN, et al
Northern Waterthrush	9/20	Rail Ponds	DN, et al
Willow Warbler	10/18-23	Rodeo Lagoon	WL, M.Ob
Summer Tanager	9/22	Riverside Dr. near Maxwell Farms	JV
Summer Tanager	9/6	Kenwood residence yard bird	RR
Scarlet Tanager (fem.)	10/13	Campbell Cove (photos)	CR, DN, et al
Wood Thrush	10/12	Palomarin Banding Station	MD
Bobolink (heard only)	9/11	Willow Creek Rd. (recorded)	CM
Clay-colored Sparrow	9/28	Campbell Cove	DN
Vesper Sparrow	9/23	The Sea Ranch	KW
Smith's Longspur	10/10-12	Abbott's Lagoon; W. side	T Fristoe, et al
Cassin's Finch	10/30-31	Mt. St. Helena	LS, MS, GP et al
Blue Grosbeak	9/1-2	Shasta Ave, Petaluma	LR, DN, et al
Rose-breasted Grosbeak (fem.)	9/24	Russian Gulch	MS, LS

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Madrone Audubon Society
 Post Office Box 1911
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December 2022/January 2023

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MADRONE LEAVES



Madrone Audubon Society meets on the third Monday of each month, except in June, July, August, and December. Meetings start at 7:00 PM at First United Methodist Church, 1551 Montgomery Dr., Santa Rosa. All membership meetings and walks are open to the public. Information: e-mail - info@madroneaudubon.org.

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