

Southern California

Observers agreed that this was a generally lackluster spring for both regular western migrants and vagrants, although a few notable warblers and other eastern vagrants were found after mid-May. There was little precipitation after March in the Region, but the record-setting early-winter and mid-winter rains likely resulted in spring migrants spreading out over relatively lush vegetation in the deserts and foothills rather than concentrating at areas with permanent water or landscaped parks and oases. There was also a general sense that many species appeared earlier than average, but such comparisons require consistent coverage and good record-keeping and even then are difficult to interpret given the complexity of the Region and the tendency for many "migrant" species to winter. Two places that do receive thorough surveys through the spring each year are the Prado Dam Basin, near Corona on the Riverside/San Bernardino County line, and the South Fork of the Kern River near Weldon; observers in those areas noted exceptionally early arrivals of Western Wood-Pewee, Bell's Vireo, Blue Grosbeak, and a few other species.

The most noteworthy waterbirds were both at the Salton Sea: a Sharp-tailed Sandpiper at the north end was the first for the Salton Sink and only the Region's fifth in spring, and an Ancient Murrelet was only the third for the Salton Sea (all in spring).

Abbreviations: B.S. (Butterbredt Spring at the s. end of the Sierra Nevada above Cantil, e. Kern); C.L. (China Lake Naval Air Weapons Station, extreme ne. Kern); E.A.F.B. (Edwards A.F.B., se. Kern); F.C.R. (Furnace Creek Ranch, Death Valley N.P., Inyo); G.H.P. (Galileo Hill Park in extreme e. Kern); N.E.S.S. (n. end of the Salton Sea, Riverside); SDNHM (San Diego Natural History Museum); S.E.S.S. (s. end of the Salton Sea, Imperial); S.F.K.R.P. (South Fork Kern River Preserve near Weldon, Kern); V.A.F.B. (Vandenberg A.F.B., sw. Santa Barbara). Because virtually all rarities in s. California are seen by many observers, only the observer(s) initially finding and identifying the bird are included. Documentation for species on the California B.R.C. review list is forwarded to the Secretary and archived at the Western Foundation of Vertebrate Zoology in Camarillo.

LOONS THROUGH DUCKS

A Pacific Loon near Seeley, Imperial 16 Apr (HG) was inland, where considered rare. A late migrant Yellow-billed Loon was at Point



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Piedras Blancas, San Luis Obispo 17–19 May (RAR).

Nine Murphy's Petrels were seen over deep waters off Santa Barbara, Ventura, and Los Angeles 14–15 Apr (TMcG, WW) during an organized four-day pelagic trip; this *Pterodroma* is proving to be regular far offshore at this time of year. A Flesh-footed Shearwater, scarce off s. California, was noted 80 km sw. of San Miguel I. 15 Apr (TMcG). A Manx Shearwater off Ventura, Ventura 25 Apr (BKS) added to the increasing number of records for s. California waters. Two Red-billed Tropicbirds were far off Los Angeles, where undoubtedly regular, 15 Apr (WW). A female Brown Booby remained at Point Piedras Blancas 22 Apr+ (RAR).

The Little Blue Heron in Carpinteria, Santa Barbara since Jul was last seen 18 May (LM). An ad. Reddish Egret near Oceanside,

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San Diego 17 Apr (RTP)—and what was presumed the same bird at San Elijo Lagoon 23 Apr (CZ) and at the San Diego R. Mouth 24 Apr (WD)—was the only one on the coast; one near Salton City Imperial 25 May (KCM) was inland.

Twelve to 15 Greater White-fronted Geese at S.E.S.S. 1–13 May (EM, DPen) were remarkably late for migrants. As usual, small numbers of Brant migrated across the se. portion of the Region on their way northward from the Gulf of California, with 10 near Imperial, Imperial 9 Apr (GMcC) and an equal number at N.E.S.S. 20 Apr (CMcG) being the largest flocks reported; one at C.L. 9 May (SLS) was the only one reported away from the Salton Sea. The marked (8Y3) Trumpeter Swan in Los Angeles 23–24 Dec (see the Winter Season report) was photographed on L. Havasu, San Bernardino 6 Mar (KB). A late



This American Oystercatcher frequented Prisoner's Harbor, Santa Cruz Island, California 16 (here 23) April through 14 May 2005. The irregular line separating the black breast from the white belly is typical for populations of the subspecies *frazari* found along the Pacific coast of Baja California; however, populations of *frazari* on the mainland coast of western Mexico tend to have a cleaner demarcation on the underparts. Photograph by Alex Tongas.

migrant Greater Scaup was at Stovepipe Wells, Inyo 29–31 May (MB, RST). The long-staying Harlequin Duck was still present in San Diego at the end of the period (MJB), and another remained at Point Piedras Blancas through 28 May (RAR). A Long-tailed Duck was inland at N.E.S.S. 24 Apr (SK).

RAPTORS THROUGH PUFFINS

A first-year Mississippi Kite was at F.C.R. 29–30 May (DVP). A Broad-winged Hawk at G.H.P. 20 May (JCW) furnished one of a very few California spring reports. The 744 Swainson's Hawks counted passing northward over Borrego Springs, San Diego 1 Mar–16 Apr (HCoh) was lower than last year's count; however, ca. 50 near Lakeview, Riverside 12 Mar (DGu), probably the same ca. 50 over Riverside later the same day (HVO), and 83 that spent the night of 27–28 Mar in Redlands, San Bernardino (GH) were large flocks for anywhere in this Region. The records together suggest the route taken by these birds after leaving Borrego Springs. A Zone-tailed Hawk at El Centro, Imperial 13–14 Mar (KZK) and another at Morongo Valley, San Bernardino 7 May (HBK) were evidently migrants, but one at Santa Paula, Ventura 2 Mar (TH) was believed to have wintered locally. A Crested Caracara at Morro Bay 1–2 Jun (EF, JSa, JSz) adds another to the recent flurry of reports from the immediate coast of California.

A White-tailed Ptarmigan was photographed near Brown L., Inyo 14 May (R&JL); this is the only area in this Region

from which this introduced bird is reported. A calling Black Rail was at Dos Palmas Spring, Riverside 7 Apr (JFG). An exceptionally late migrant Sora was at G.H.P. 1 Jun (K&BK).

Five wintering Pacific Golden-Plovers remained at Seal Beach, Orange through 23 Apr (DRW), and one near Imperial Beach, San Diego 6 Apr (RTP) was the latest of the 5 wintering there; 2 on San Miguel I. 1 May (DR) were probably migrants. An American Oystercatcher was at Prisoner's Harbor on Santa Cruz I. 16 Apr–14 May (BH). Solitary Sandpipers were scarcer than normal in the e. portion of the Region, but reports included 3 together near Chino, San Bernardino 8 Apr (DPel) and an exceptionally late one at Barstow, San Bernardino 29 May (HBK). Single Wandering Tattlers were inland at S.E.S.S. 1 (MJB) & 13 May (DPen). A Whimbrel at Owens L. 3 Apr (MJP) was one of only a few recorded in Inyo. A Black Turnstone inland with wintering Ruddy Turnstones at S.E.S.S. 31 Mar–1 May (GMcC, MJB) was believed present all winter, but another at N.E.S.S. 22 May (DGo) was a migrant. An early migrant Surf-bird at S.E.S.S. 19 Mar (HD) was inland, where very rare. A Red Knot near Lancaster, Los Angeles 19 May (MSanM) was the only one reported inland away from the Salton Sea. Two Sanderlings near Lancaster 19 May (MSanM) were also inland and away from the Salton Sea. The only Semipalmated Sandpipers were one at E.A.F.B. 7 May (JCW) and



This Surf-bird in alternate plumage was inland on the south shore of the Salton Sea near Obsidian Butte, Imperial County, California 19 March 2005. Photograph by Henry Detwiler.

3 at S.E.S.S. 7 May (GMcC, PAG). A Pectoral Sandpiper, rare in spring, was at E.A.F.B. 21 May (MSanM). A Sharp-tailed Sandpiper at the Whitewater R. mouth at N.E.S.S. 19–22 May (CMcG) was the first to be found on the Salton Sea and only the 5th in spring in California. The passage of Stilt Sandpipers at

S.E.S.S. peaked in mid-May, with 150 there 14 May (GMcC); one at Blythe, Riverside 22 May (RHi) was the only one away from the Salton Sea. A female Red-necked Phalarope in full alternate plumage at S.E.S.S. 30 Mar (GMcC) was evidently an early spring migrant.

A Laughing Gull at N.E.S.S. 20 May (PAG) was the earliest reported on the Salton Sea this year, and one near Oceanside 5 Apr (RTP) was on the coast, where rare. A dozen Franklin's Gulls along the coast between 14 Apr and 22 May, along with twice that many in the e. half of the Region between 31 Mar and 22 May, were less than expected. An ad. Heermann's Gull at S.E.S.S. 20 Mar (GMcC) and another at Salton City Imperial 25 May (DC) were inland, where rare. A first-winter Lesser Black-backed Gull was well photographed in Malibu, Los Angeles 13 Mar (KLG, ET). A Western Gull near Chino 25–28 May (DPel) was only the 3rd to be found in San Bernardino. A Glaucous Gull was well described at La Jolla, San Diego 14 Apr (SES). A Sabine's Gull, rare on the immediate coast in spring, was on s. San Diego Bay 27 Apr (MS). A Black-legged Kittiwake at Point Piedras Blancas 21 Mar (RAR) was the only one reported and supports the suggestion that the species was virtually nonexistent in s. California waters during the winter. Single Gull-billed Terns at S.E.S.S. 11 Mar (BM) and on s. San Diego Bay 17 Mar (RTP) were the earliest reported this year, and one at Venice 19 May (LC, TR) was the first for Los Angeles. An Elegant Tern near Imperial 21 Apr (GMcC, MTH) and 2 at S.E.S.S. 22 Apr (DSh), with one still present 30 Apr (GMcC), were inland, where considered casual. A Least Tern at C.L. 23 May (SLS) and another near Corona, Riverside 27 May (JEP) were well inland; another was photographed at S.E.S.S., where regular in summer, on 25 May (TA).

Up to 3 Marbled Murrelets at Point Piedras Blancas 20–26 Mar (RAR) were at the s. limit of this species' normal range, and one dead on the beach in Coronado, San Diego 21 Mar (MS, *SDNHM) established one of the southernmost records for the species. An Ancient Murrelet photographed inland at Corvina Beach, Riverside 29 May (SB) was the 3rd to be found on the Salton Sea. A Tufted Puffin at Point Piedras Blancas 28 Apr (RAR) is one of the few ever seen from shore in s. California, and one dead on the beach in Coronado 27 Apr (MS, *SDNHM) was exceptionally far south.

DOVES THROUGH NUTHATCHES

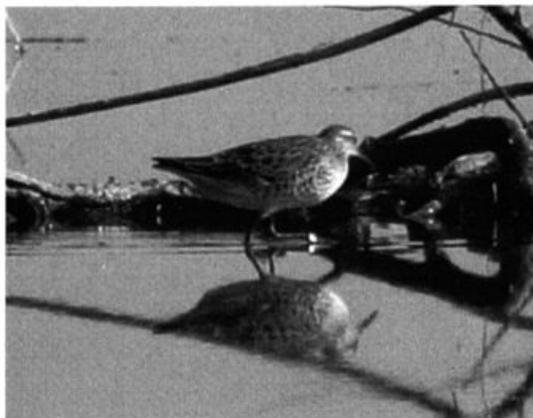
Only 5 White-winged Doves were found on the coast between 17 Apr and 29 May, along with one more on San Clemente I. 21 May (JPJ). Common Ground-Doves persist near Nipomo, San Luis Obispo (MLS), where first detected in 1995. Ruddy Ground-Doves

were still present near Calipatria, *Imperial*, where apparently resident and breeding, at the end of the period (GMcC), and the one wintering in El Centro remained through 1 May (KZK). A female Calliope Hummingbird in El Centro 22 May (KZK) was a very late migrant (most pass through s. California in Apr), as was a Rufous Hummingbird at the same location 7–8 May (KZK).

Early reports of Olive-sided Flycatcher included one at Montana de Oro, *San Luis Obispo* 7 Apr (JLR) and one at B.S. 17 Apr (TEW). A Western Wood-Pewee at Weldon 11 Apr was the earliest ever for *Kern* (AS), and a Willow Flycatcher at nearby S.F.K.R.P. 5 May (BBa) beat the earliest previous arrival of *extimus* at this breeding site by five days. A very early Least Flycatcher was at S.F.K.R.P. 30 Apr (MH); another was at Scotty's Castle in Death Valley N.P., *Inyo* 7 Jun (BBa). Dusky Flycatchers are uncommon spring migrants that normally arrive after the middle of Apr, so birds in the Puente Hills, *Los Angeles* 6 Apr (MJI) and at B.S. 9 Apr (TEW) were early. The date span of known migrant Gray Flycatchers through the Region was 2 Apr–11 May; a singing male was on territory n. of Big Pine in the San Gabriel Mts. by 17 Apr (KLG). A singing Eastern Phoebe at Valeremo, *Los Angeles* 16–17 Apr (JDB, KLG) was a surprise, as this species is only a casual spring transient in the Region. Say's Phoebes nested at Madrona Marsh in Torrance in May (DM), furnishing the first documentation of nesting in the s. coastal region of *Los Angeles*. An Eastern Kingbird on San Clemente I. 31 May (HAC, JMcM) was the only one reported. The first Western Kingbird report on the n. Carrizo Plain 6 Mar (MDS) was also the earliest arrival on record in *San Luis Obispo*. A Tropical Kingbird at San Elijo Lagoon, *San Diego* 11–27 Apr (AM) had not been seen there during the winter; 2 wintering birds in Culver City, *Los Angeles* remained through 16 & 19 May (DSt). Cassin's Kingbirds in areas away from regular occurrence were on Santa Catalina I. 14 May (JND) and at S.E.S.S. 22 Apr (PJ). Two Scissor-tailed Flycatchers were reported, in Wilmington, *Los Angeles* 16 May (TM) and at *Imperial* N.W.R., *Imperial* 26 May (TK).

Bell's Vireos continue to recover their former range and abundance in the Region; noteworthy this year was an 11 Mar arrival at well-worked Prado Dam, *Riverside* (JEP), a migrant near Niland 5 Apr (CMcG), a summering bird at Goleta 18 May+ (DAK; the first on the s. coast of *Santa Barbara* in recent years), and a new *Inyo* maximum of 12 territorial birds at China Ranch and Amargosa Canyon (T&JH, CMcC). A

singing Hutton's Vireo at Mid Hills Campground in the e. Mohave desert of *San Bernardino* (MR, BBr) was far out of range and likely of the interior *stephensi* subspecies (unrecorded in California but breeding as near as Mojave County, AZ). A Yellow-



This adult Sharp-tailed Sandpiper in alternate plumage at the Whitewater River mouth at the north end of the Salton Sea, *Riverside County* 19 (here) through 22 May 2005 was only the third to be found in Southern California in spring. Photograph by Chet McGaugh.

throated Vireo, casual in the Region, was on San Clemente I. 29 May (SWS). A Cassin's Vireo in Torrance 1 Jun (DM) was exceptionally late for a migrant. The latest reported date for several wintering Plumbeous Vireos was 17 Apr in El Segundo, *Los Angeles* (RB). Five Red-eyed Vireos 9 May–8 Jun were expected, but another in Irvine 30 Apr (BED) was exceptionally early. A Pinyon Jay near Thousand Palms, *Riverside* 11 Apr (CMcG) was slightly out of range and far out



This Ancient Murrelet on the Salton Sea at Corvina Beach, *Riverside County, California* 29 May 2005 was only the third to be found on this inland body of water. Photograph by Steven Bier.

of normal habitat. Bushtits nested at B.S. 9 Apr+ (TEW), the first confirmed breeding in e. *Kern*. Scattered Red-breasted Nuthatches continued well into the spring, and 7 at Redondo Beach, *Los Angeles* 25 Apr–30 May (DM) were a bit unexpected.

WRENS THROUGH WARBLERS

Territorial Winter Wrens along Pine Creek n. of Bishop 14 May (J&DP) and a nesting pair

at Montana de Oro 15–27 May (MT) were in areas where the species has previously summered; a singing bird at Buckhorn Campground (1950 m) in the San Gabriel Mts. 17–18 May (M&NF) was exceptionally late for *Los Angeles*.

A rather late Ruby-crowned Kinglet was in Huntington Beach, *Orange* 8 May (DRW). A Blue-gray Gnatcatcher at S.E.S.S. 14 May (GMcC) was the latest to be found in spring in the Salton Sink. A somewhat out-of-range pair of California Gnatcatchers in Huntington Beach in May fledged 4 young (RAE, MJI); a pair near Mentone during the period (DRW) was significant, as this species has been virtually extirpated from *San Bernardino*. Western Bluebirds again nest on the Palos Verdes Peninsula, with five eggs in a nest box on 16 May (KGL). Unusual coastal spring sightings of Townsend's Solitaires were made at La Jolla, *San Diego* 12 May (SES), San Clemente I. the same day (JMcM), and Point Piedra Blancas 16 May (RAR). Late Varied Thrushes were at Aspendell, *Inyo* 4 May (HCor) and San Clemente I. 23 May (JPJ). Gray Catbirds, nearly annual in spring, were in *Kern* at G.H.P. 25–26 May (MSanM) and at Jawbone Canyon 6 Jun (RST). A singing migrant Sage Thrasher was on the Palos Verdes Pen. 13 Mar (KGL). The only Brown Thrasher was at G.H.P. 8–10 Jun (KSG). A Bendire's Thrasher at Lee Flat, *Inyo* 15 May (SLS) was in an area with few recent reports. An American Pipit at Desert Center, *Riverside* 21 May (MSanM) was quite late.

A Golden-winged Warbler at B.S. 12 May (LB) was followed by a singing male in Long Beach, *Los Angeles* 28–29 May (KGL); this species is not found annually in the Region. Tennessee Warblers were at Carpinteria 23 Apr (PAG) and in the Puente Hills, *Los Angeles* 10 May (MJI). Virginia's Warblers are exceptionally rare as migrants in the spring, so well-described birds in Indian Wells Canyon, *Kern* 24 Apr (BS), Torrance 30 Apr (KGL), and Amargosa Canyon, *Inyo* 14 May (CMcC, JMH) were noteworthy. A Lucy's Warbler at F.C.R. 12 Mar (TEW) was the earliest ever for *Inyo* by five days; one near Bishop 29 Apr–14 May (C&RH, J&DP) was n. of the normal breeding range, and birds e. of Niland 6 Apr (CMcG) and at N.E.S.S. 21 May (MSanM) were in the Salton Sink, where very rare. Eight Northern Parulas in coastal counties 28 Apr–30 May was about average, and another 13 were on the deserts 26 Apr–5 Jun. Five Magnolia Warblers was more than average, with birds at B.S. 14 May (VH) and 6 Jun (TEW), Hogback Cr. near Lone Pine, *Inyo* 21 May (DSh), San Clemente I. 31 May (SWS), and Torrance 7 Jun (DM). An Audubon's Warbler near Calipatria 20 May (GMcC) was exceptionally late for the s. deserts. Black-throated Green Warblers were in Manhattan Beach, *Los Angeles* 21–22 May (KGL), on San

Clemente I. 31 May (JMCM), and in California City 2 Jun (K&BK). Yellow-throated Warblers in Kern at B.S. 17 Apr (RHu) and near Lebec 26 Apr (BW) were at the very early end of the spring window for this casual vagrant to the Region. A singing male Grace's Warbler was at Charlton Flat in the San Gabriel Mts., Los Angeles 13–15 May (DK; ph. SSo). Ten Palm Warblers, felt not to be wintering locally, moved through the Region 2 Apr–13 May; one at Finney L., Imperial 31 Mar (PM) may have wintered in the area. The Pine Warblers wintering in Long Beach were last seen on 9 Apr (KSG), when the 2 were interacting. A singing male Blackpoll Warbler, casual in spring, was in Long Beach 30 May (KSG).

Six Black-and-white Warblers were along the coast 14 Apr–31 May, and another 7 were on the Kern desert 24 Apr–1 Jun. The wintering American Redstart in Laguna Niguel, Orange was last seen 23 Apr (PC); only coastal migrants reported were in Templeton, San Luis Obispo 21 May (RHZ) and on San Clemente I. 31 May (JMCM), and in the interior, 3 were in e. Kern 7 May–14 Jun, and one was in El Centro 31 May (KZK). Six Ovenbirds were on the Kern deserts 14 May–2 Jun; a singing bird was in Los Angeles 9–13 Jun (DSt). Only 5 Northern Waterthrushes were reported 26 Apr–30 May. A Prothonotary Warbler was in Pismo Beach, San Luis Obispo 21 May (MF). The last date for the Worm-eating Warbler wintering in Santa Barbara was 18 Mar (BKH). Single Kentucky Warblers were at B.S. 17 (K&BK) & 31 May (TEW). Four singing male Hooded Warblers were along Honda Cr., V.A.F.B. 26 May, with one remaining through 16 Jun (MAH); 7 others were found 17 May–8 Jun (3 on the coastal slope, 4 on the deserts). A Wilson's Warbler in Torrance 11 Mar (DM) was an early migrant. Two Red-faced Warblers were in the White Fir zone of Clark Mt., San Bernardino 29 May (CC).

TANAGERS THROUGH FINCHES

Hepatic Tanagers were found in their two most consistent breeding areas, with at least 2 males and a female in the e. San Bernardino Mts. 18 May+ (CS) and 3 on Clark Mt. 29 May (CC). Coastal Black-throated Sparrows were in Anaheim Hills, Orange 16 Mar (BML), Carpinteria 27 Mar (LRB), and Rancho Palos Verdes 24 Apr (KGL) and 28 May (SMO). Clay-colored Sparrows were in El Centro 14 May (GMCC, KZK) and at Laguna Res., Orange 16 May (MJI). An ad. male Lark Bunting was on the Carrizo Plain 13 Mar (JHa), 2 were in Blythe 12–20 Mar (RHu), and one was at Cima Dome, e. San Bernardino 9 Apr (SMi). A migrant Grasshopper Sparrow found injured on Pt. Loma 10 Mar

(*SDNHM) gives insight into the migration dates of this poorly understood species. A spring migrant Swamp Sparrow was at Playa del Rey 15 May (KGL); a wintering bird here was last seen on 26 Mar. Migrant Harris's Sparrows were at Scotty's Castle 6 Apr (MH) and China Ranch 25 Apr (CMCC); a wintering bird in Bishop was last seen 26 Apr (C&RH).

Eleven Rose-breasted Grosbeaks were found along the coast 12–31 May, and another 6 were on the n. deserts 7–28 May. At Prado Dam, which is covered almost daily, the first Blue Grosbeak was detected 7 Apr (JEP). A Lazuli Bunting nest with eggs found 20 Apr near Castaic Jct., Los Angeles seemed a bit early (MSanM). Only 2 Indigo Buntings were reported along the coast in May, but at least 8 were on the deserts 17 Apr–31 May. Male Bobolinks were noted at Desert Center 22 May (DGo) and at C.L. 3 Jun (SLS). A Great-tailed Grackle at Aspendell, Inyo 24



This vagrant Gray Catbird was at Galileo Hill Park, Kern County on 25 May 2005, one of two reported in Southern California in spring. The species visits this region almost annually at this season. Photograph by Ken Kyle.

Apr (T&JH) was at 2550 m elevation. A Bronzed Cowbird in Calipatria 21 Apr (MTH) was the first spring arrival of the year; a male was in Yucca Valley, San Bernardino 15 May (JEP). The last date for the wintering Orchard Oriole in Culver City, Los Angeles was 10 Mar (DSt). Baltimore Orioles were in Goleta 26 Mar (JHo), Pt. Loma 21 May (SES), and Inyokern, Kern 12 Jun (SLS); the 2 wintering birds in Culver City were last seen on 13 & 20 Mar (DS).

A Purple Finch in Rovana, n. of Bishop 5 May (JLD) was at an unusual locality. Up to 36 Cassin's Finches were found in the San Diego mountains in early Mar (SES), and 22+ were on Figueroa Mt., Santa Barbara 9–16 Apr, with one remaining through 29 Apr (WTF). Following a moderately large winter invasion, Red Crossbills nested at Lancaster, Los Angeles, with begging juvs. on 8 May (JF); crossbills nested again this year in Barstow, San Bernardino, with 3 young seen 29 May (HBK). Remnants of the winter Pine Siskin irruption were evident into Apr and

May; one in Calipatria 15 May (HBK) was very late for the Salton Sink. A Lawrence's Goldfinch on San Clemente I. 1 Apr (JMCM) was only the 4th to be found there in spring. An American Goldfinch at Rovana 16 May (JLD) was quite late for Inyo. An Evening Grosbeak was at B.S. 18 May (TMCg).

Cited observers (county coordinators in boldface): Tom Anderson, Larry R. Ballard, Bob Barnes (BBa), Richard Barth, Steven Bier, Mark J. Billings, Kathleen Blair, Matt Brady, Bob Brandiff (BBr), Larry Burke, Heather A. Carlisle, Hal Cohen (HCoh), David M. Compton (Santa Barbara), Lyann Comrack, Chris Conrad, Dan Cooper, Hugh Cornett (HCor), Jeff N. Davis, Henry Detwiler, William Doyle, Jon L. Dunn, Tom M. Edell (San Luis Obispo), Richard A. Erickson, Jon Feenstra, Erin Feinblatt, Marc Fenner, Mary & Nick Freeman (M&NF), Wes T. Fritz, Kimball L. Garrett (Los Angeles), Karen S. Gilbert, Peter A. Ginsburg, Dave Goodward (DGo), Dan Guthrie (DGu), Helen Green, John F. Green (Riverside), Tom Halpin, Murrelet Halterman, Jim Hardesty (JHa), Matthew T. Heindel, Tom & Jo Heindel (Inyo), Roger Higson (RHu), Brad K. Hines, Justin M. Hite, Jim Hodgson (JHo), Bruce Hollingworth, Mark A. Holmgren, Georg Hoogeweg, Chris & Rosie Howard (C&RH), Vernon Howe, Richard Hughes (RHu), Marshall J. Iliff, Jillian P. Johnston, Paul Jorgensen, Scott Kerry, Howard B. King, David A. Kisner, David Koepfel, Alexander E. Koonce (San Bernardino), Tom Koronkiewicz, Kenneth Z. Kurland, Ken & Brenda Kyle (K&BK), Kevin G. Larson, Brian M. Leafterman, Rene & Joanne Lenderos (R&JL), Paul Marshall, Liz Mason, Andrew Mauro, Guy McCaskie (Imperial), Chris McCreedy, Chet McCaugh, Todd McGrath, Jimmy McMorrann (San Clemente I.), Thomas Miko, Bob Miller, Edward Miller, Steve Miller (SMi), Sally Moite (SMo), Kathy C. Molina, David Moody, Jim & Debby Parker (J&DP), Robert T. Patton, Dharm Pellegrini (DPel), Donald Pendleton (DPen), James E. Pike, Michael J. Prather, Mike Resch, Dan Richardson, John L. Roser, Richard A. Rowlett, Tom Ryan, Matt Sadowski, Mike San Miguel, John Sawyers (JSa), Brad K. Schram, Dave Shuford (DSH), Maggie L. Smith, Susan E. Smith, Steve Sosensky (SSo), Chris Stahl, Bob Steele, Susan L. Steele, Don Sterba (DSt), Mike D. Stiles, Sam W. Stuart, Ashley Sutton, Judy Szamos (JSz), Ryan S. Terrill, Ed Thomas, Mike Tyner, Herman Van Oosten, David Vander Pluym, Walter Wehtje (Ventura), Bud Widdowson, Douglas R. Willick (Orange), John C. Wilson (Kern), Thomas E. Wurster, Roger H. Zachary, Catherine Zinsky. An additional 35± observers who could not be individually acknowledged submitted reports this season; all have our thanks. 🐦