Northern California



Michael M. Rogers (Waterfowl to Quail, Herons to Shorebirds) Steven A. Glover (Doves to Wrentit) Ed Pandolfino (Thrashers to Finches) Scott B. Terrill (Loons to Frigatebirds, Larids to Alcids)

orned Puffins continued to be found along the central coast in unprecedented numbers, and other unexpected alcids were also found close to shore. As is often the case, what is good for birders was not good for the birds, and many of these alcids were eventually found dead on shore. Other exciting pelagic finds included a wellphotographed Lesser Frigatebird, a potential first for California, and a Short-tailed Albatross seen from shore. Brown Booby reports continue to increase, including another from the northern portions of the Region. The landbird highlight was undoubtedly the northernmost Whip-poor-will for the state, a long-staying bird that was the Region's first in 11 years.

Abbreviations: B.S.O.L. (Big Sur Ornithology Lab); C.B.R.C. (California B.R.C.); C.V. (Central Valley); F.I. (Southeast Farallon I., San Francisco); P.R.B.O. (Pt. Reyes B.O.); S.F. (San Francisco, not State Forest). Reports of exceptional vagrants submitted without documentation are not published. Documentation of C.B.R.C. review species will be forwarded to Guy McCaskie, Secretary, P.O. Box 275, Imperial Beach, California 91933. Birds banded on F.I. should be credited to Pt. Reyes B.O. and those banded at Big Sur R. mouth to the Big Sur Ornithology Lab of the Ventana Wilderness Society.

WATERFOWL

A flight-capable Ross's Goose with an appar-

ently injured wing at the Madera W.T.P. 8-17 Iun (GaW) was the first in summer for Madera, Unseasonable Brant inside S.F. Bay included 2 birds in Alviso, Santa Clara 13 Jun (ph. Kathleen Henderson) and one at Hayward R.S., Alameda 17-24 Jul (RJR). A male Wood Duck in eclipse plumage 1 Jul (SCR) was apparently the first ever for the Surprise Valley, Modoc. Among an unusual number of summering American Wigeons on Santa Clara salt ponds was a Eurasian Wigeon n. of Moffett Field 14 Jul (RWR, FV). Breeding American Wigeons were reported from the Sacramento River N.W.R., Butte 21 Jun (female with 2 chicks; JHS) and Crowley L., Mono 20-21 Jul (2 females with broods; JLD). Another unusual hybrid duck was reported this season, a male Mallard x Cinnamon Teal molting into eclipse plumage at Natural Bridges S.B., Santa Cruz 6-23 Jul (ph., †SGe). Only a single Northern Pintail brood was reported, from Redwood Shores, San Mateo 26 Jun-19 Jul (Pat Boor, RSTh); a male at the Ukiah S.T.P. 17 Jun (GEC et al.) provided only the 2nd summer record for Mendocino. The only Redhead brood was at Hayward R.S., Alameda 4 Jul+ (RJR, PDr, SJu). Summer Ring-necked Ducks included an injured male near Snelling, Merced 3 Jun (PJM) and one at Crowley L., Mono 11 Jul (JLD). Lesser Scaup bred again at Hayward R.S., Alameda 1 Jul+ (PDr, Slu, RJR), but no young were reported from Santa Clara or elsewhere this season. The resident male Harlequin Duck at Coyote Pt., San Mateo spent its 5th summer there, being joined by a female 6 Jul+ (RSTh). Other summer Harlequins included one at Little Marin I., Marin 5 Jun (John Kelly) and one to 4 at MacKerricher S.P., Mendocino 16 Jun-7 Jul (DT, KHv, JHv). Summer Black Scoters included males at Pt. Reyes, Marin (RS et al.) and off Doran Beach, Sonoma 30 Jul (Peter Colasanti). The only Long-tailed Duck reported spent the summer at Elkhorn Slough, Monterey (YG, Linda Jordan). Several coastal Bufflehead were somewhat expected, but one at Crowley L., Mono 21 Jul-2 Aug (JLD, MSanM) was more unusual. A Red-breasted Merganser at the latter location 13 Jun (KNN) was likewise rare in summer.

GREBES THROUGH FRIGATEBIRDS

Very unusual in summer, 3 Red-necked Grebes and a Horned Grebe were present throughout the period at Drakes Bay, Marin (RS). Elsewhere, summer Red-necked Grebes included singles off Limantour, Marin 17 Jul (RS) and near Bodega Bay, Sonoma 23 Jul (BDP et al.). More typical spring migrant Red-necked Grebes included one at Humboldt Bay, Humboldt 2 Jun (KGR) and 5

at Pt. Reves N.S., Marin 1 Jun (RS), An imm. Short-tailed Albatross was seen from Pt. Pinos, Monterey 25 Jun (†BLS). Relatively rare in summer, a Flesh-footed Shearwater was off Pt. Sur. Monterey 14 Jun (JND). A Wilson's Storm-Petrel was off Cordell Bank, Marin 31 Jul (ShJ), where noteworthy but apparently regular at this time of year. Brown Boobies have recently been present throughout the year in small numbers in the Region: one spent 4-5 Jun on a boat off Humboldt (Bruce Campbell), and one to 2 were present on F.I. 3 Jun-27 Jul (P.R.B.O.). Regional Brown Pelican numbers continue to be strong; 2000 were on the breakwater at Pillar Pt., San Mateo 20 Jun (LHe), and 73 on 29 Jun (MMR, MJM, RGJ) represented a summer high count for Santa Clara. An apparent Lesser Frigatebird was observed and photographed from shore near Arcata, Humboldt 15 July (Peter Ralph, †CJR, ph., †BLS, ph., †Marshall J. Iliff, Steve Kelling). This remarkable record would represent the first for California (if accepted by the C.B.R.C.) and the 4th for North America (the previous records are from Maine, Michigan, and Wyoming). This species is restricted to tropical waters in the s. Pacific and Atlantic, and its occurrence coincided with an unusually warm plume of water extending from deep water to relatively close to Humboldt.

BITTERNS THROUGH RAILS

An American Bittern at Benton Hot Springs, Mono 6 Jul (JLD) was in an area where breeding is not known to occur. Least Bitterns at the Yolo Bypass W.A. 5-15 Jul included an adfeeding a begging young bird 8 Jul for Yolo's 5th record and first confirmed breeding (RAd, Laura Davis, JMHu, TEa, FS). An apparent subad. White-faced Ibis spent 3 Jun–24 Jul at Hayward R.S., Alameda (RJR); other coastal reports included a flock of up to 15 over San Mateo and Half Moon Bay in San Mateo 5 Jun (RSTh, DvA), 2 at Watsonville Slough, Santa Cruz 8-23 Jul (RgW), and 2 at Moonglow Dairy, Monterey 15 Jul (RF).

The two Ventana Wilderness California Condor nests—one in a cliff cave, the other in a huge redwood stump—contained single young all season (Ventana Wildlife Society); they are the first wild nests in *Monterey* since 1905. Ospreys continue to expand their breeding range in *Santa Cruz*, including a pair nest building at Harkins Slough through 2 Jul (RgW, Gary Kittleson, DLSu) for the first certain breeding attempt for the Pajaro Valley in modern history, and the first recent breeding evidence away from mountainous terrain in the county. A Northern Goshawk at Cape Mendocino, *Humboldt* 7 Jun (TWL) was at an

unexpected coastal location, particularly for the date. A Swainson's Hawk nest with one large young n. of the Napa County Airport 24 Jun (MBe) was the first successful nest in Napa, following nest-building at this location last year. Breeding by Swainson's Hawks in Santa Clara continues to elude detection, although 3 recently fledged juvs. were brought to the Wildlife Center of Silicon Valley from San Jose and Alviso 6-20 Jun; ads. were noted over Milpitas 9 Jun (2 birds; Randy Little) and over Coyote Valley 26 Jun (MJM). An ad. Crested Caracara was near Ft. Dick, Del Norte 26 Jun+ (ph. ADB). A Prairie Falcon at Hayward R.S., Alameda 1-15 Jul (SJu, RJR) was unseasonable for this S.F. Bay location. Ten Black Rails detected on surveys in Solano marshes 1 Jun (RLCL, WNe) were expected, but a vocal bird on a Pebble Beach golf course 11 Jun-1 Jul (Rich Trissel, Steve Donahue, m.ob.) was only Monterey's 2nd. This record lends credence to the unconfirmed report from the same location on 31 Mar 2006.

SHOREBIRDS

Pacific Golden-Plovers were found at Abbotts Lagoon, Marin 16 Jul (ASH), Bolinas Lagoon, Marin in mid-Jul (RS), and at Humboldt Bay, Humboldt 17 Jul (Amber Transou, SMcA). Solitary Sandpipers were at Adobe Res., Mono 20 Jul (KNN) and e. of Lindsey, Tulare 27 Jul (RH). The Davis Wetlands, Yolo harbored many unusual inland shorebirds this season, with surprisingly high counts of 54 Willets 1 Jul (GEw et al.) and 36 Marbled Godwits 13 Jul (JMHu), a Red Knot 16 Jul (JMHu), and 3 Short-billed Dowitchers on the odd date of 8 Jun (SCH). A Willet at the Madera W.T.P. 24 Jul (GaW) was only Madera's 2nd, following the first record at the same location last year. An unseasonable Ruddy Turnstone was on S.F. Bay off East Palo Alto, San Mateo 2 Jun (MMR); returning fall migrants were detected 25 Jul+, with a surprising 23 at the e. end of the Dumbarton Bridge, Alameda on that date (MJM). An early returning Surfbird was found 4 Jul at Hayward R.S., Alameda (SJu, RJR). A surprisingly high count of 38 basic-plumaged Red Knots on S.F. Bay off East Palo Alto, San Mateo 2 Jun (MMR) presumably involved summering birds; early returnees included the earliest southbound migrants for Santa Cruz by a week, 2 birds off West Cliff Dr. 6 Jul (SGe). Thirteen Semipalmated Sandpipers in eight



This male Scarlet Tanager was found and photographed at Muir Beach, California 3 June 2007. *Photograph by Ryan Terrill.*

counties 5 Jul+ included inland ads. at the Gustine S.T.P., Merced 16 Jul (PJM) and at the Yolo Bypass W.A. 27 Jul (TEa). A Western Sandpiper and a Long-billed Dowitcher at Gustine, Merced 4 Jun were out of season, particularly for an inland location (PJM). The only Baird's Sandpiper report received was of 4 birds at Hayward R.S., Alameda 26 Jul (RJR), a large number for this time of year. A molting ad. Curlew Sandpiper at the Yolo Bypass W.A. 29 Jul–1 Aug (ph. TEa, m.ob.) was the 2nd for Yolo. A count of 2500 Wilson's Phalaropes at the Tulare W.T.P., Tulare 23 Jul (SDS) was a very high total for anywhere

away from Mono L. or S.F. Bay. Red Phalaropes other than the *Contra Costa* bird lingering from last season included singles at Younger Lagoon, *Santa Cruz* 2-4 Jun (SGe, ELb) and off Pt. Joe, *Monterey* 3 Jun (DR, RC)

GULLS THROUGH ALCIDS

Rare in the Region, especially in the far n., a Laughing Gull was at the Elk R. mouth, Humboldt 21 Jul (BS). Seventy-nine Franklin's Gulls at Fee Res 17 Jun (RbF) was a high count for Modoc. Elsewhere in Modoc, 32 were at Goose L. Causeway 17 Jun (EE) Away from the ne. part of the Region, single Franklin's Gulls were at Crowley L., Mono 25 Jun (JiDP), the Davis Wetlands, Yolo 1 Jul+ (RAd, m.ob.), and Sunnyvale, Santa Clara 27 Jul+ (PJM, m.ob.). The first nesting record of Western Gull in Napa involved two nests on the Napa R. during the period (MBe). Unseasonable Glaucous Gulls included a continuing first-cycle bird present for many months at Crescent City, Del Norte through 9 Jun (ADB) and one at Samoa, Humboldt 11 Jul (KGR). Likely postbreeding dispersers from breeding locations in east S.F. Bay, single Least Terns were at Bodega Bay, Sonoma 14

Jul (CLu, LLu), Moss Landing, Monterey 14 Jul (TAm), and San Rafael, Marin 23 Jul (SBT LTer). A Least Tern at Natural Bridges S.B. Santa Cruz 10 Jun (CLu, Llu) was late for a spring migrant and early for a post-breeding dispersant. A second-cycle Common Tern at Crissy Field, S.F. 27 Jun (ph. RS) was unseasonable, and one at the Davis Wetlands, Yolo 26 Jul was early for the C.V. Continuing a recent trend, Arctic Terns were quite scarce offshore, with singles or small groups the norm Hundreds to thousands were typically seen on organized pelagic trips in the Region from the 1960s through the 1990s during the fall mi-

A The remarkable event of the season was the unprecedented number of nearshore alcids. This incursion was led by Horned Puffins, which were present in record-breaking numbers, especially along the central coast area of the Region (i.e., *Marin* to *Monterey*). It is difficult to know how many birds were involved, but over **200** birds had been reported at the time this report was drafted. Most appeared to be second-cycle birds, but a few ads. were reported as well. A similar influx occurred in May—Jun 1975, when over 200 birds were recorded statewide. This species probably winters regularly far offshore of the Region, but the reasons for these May—Jun nearshore influxes are currently unknown. The influx was not limited to Horned Puffins, as they were joined by other northern-latitude breeding alcids. Ancient Murrelets were present in high numbers (for summer) in the Region, with approximately 30 birds reported, and, quite noteworthy, single Thick-billed Murres were at Pt. Reyes N.S., *Marin* 5-14 Jun (RS, JCS, MtB, CLu, LLu) and Patrick's Point S.P., *Humboldt* 7 Jul (†SSa). If accepted by the C.B.R.C., these would represent the first summer records of this species for the Region (and the state). In addition to these n. alcids, locally breeding alcids (e.g., Tufted Puffin, Rhinoceros Auklet) were recorded in unusual numbers close to shore, where they are typically scarce during summer.

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gration period, which begins in Jul. Reasons for the substantial decline in numbers are unknown and may involve different migratory routes or decreases in population size. Black Skimmers continue to push northward. One in Crescent City 13 Jul (Lucas Brug) represents the northernmost record in the Region and a first for Del Norte; the first for S.F. was on S.F. Bay 22-24 Jun (Eddie Bartley, m.ob.). A pair tending a nest at Brooks I. 28 May was the first nesting documented by this species in Contra Costa (Michael Carnall, fide Judith Dunham). Elsewhere in the Region, approximately 60 skimmers were reported from Sonoma to Monterey, with the vast majority in south S.F. Bay. Thirty-four Long-tailed Jaegers near Cordell Bank, Marin 31 Jul (ShJ) was an expected number for late Jul.

PIGEONS THROUGH WOODPECKERS

Band-tailed Pigeons are rare in Mono and Madera e. of the Sierra Crest, so a single bird at Minaret Vista 11 Jul and 5 there on 21 Jul were noteworthy (JLD). A White-winged Dove 15-24 Jul at Trinidad, Humboldt provided a very rare mid-summer record for the Region (MHa). Out-of-place Yellow-billed Cuckoos were at Big Sur R. mouth, Monterey 19 Jun (b.; B.S.O.L.) and Hayward R.S., Alameda 4 Jul (RJR); another heard along Putah Cr. 11 Jun may have been a first for Solano (AEn). A single cuckoo at Cock Robin I, Humboldt 14-15 Jul was at a location where breeding has been suspected in recent years (EE). Two Greater Roadrunners between Boonville and Manchester 17 Jun were closer to the coast than any previously recorded in Mendocino (Scott Klynstra) but were outshone by one on the C.V. floor at s. Davis, Yolo 19-21 Jun (Emily Griswald, Carol Traverso). A migrant Common Nighthawk over Rancho Del Oso 10 Jun was a nice find for Santa Cruz (DLSu). The closest apparent breeding station for the species is around Salt Point S.P., Sonoma where one individual was heard 15 Jun (JSL, JCS). A Whip-poor-will at Willow Creek 27 May-31 Jul was an unexpected first for Humboldt, the northernmost ever found in California, and the first found in the Region since Jun 1996 (Marla Shull, RbF, KGR, m ob.). Unexpected was an ad. male Costa's Hummingbird at a feeder in Lafayette, Contra Costa 3-10 Jul; it was joined by an imm. male 6-9 Jul (Maury Stern). Another ad. male was ın a Livermore, Alameda yard 14 Jun-11 Jul (Jaan Lepson). Pileated Woodpeckers are not known to breed in Monterey, though one 8 Jul in the Ventana Wilderness (†Adam Wachtel) provided the 5th documented record there in the past 15 years, two others of which were also from this location.

FLYCATCHERS THROUGH THRUSHES

A Least Flycatcher was reported without details at Orick, Humboldt 24 Jun (KI). A singing Dusky Flycatcher at Big Basin Redwoods S.P., Santa Cruz 31 May-14 Aug was far from any known breeding stations and, at only 514 m, was at least 700 m lower than would be expected for a breeding bird (KAr, DLSu et al.). A Black Phoebe at Adin 15 Jun (JTz, EE) was a long overdue first for Modoc, the last of California's 58 counties to record this species. Two ad. Say's Phoebes feeding 3 to 4 juvs. at the East Swett Ranch near Vallejo 17-19 Jun provided a first nest record for Solano and represent the northernmost nesting in California w. of the Great Basin (Ken Poerner, Maureen Geiger, RLCL, MBe); another Say's Phoebe at Briones R.P. 13 Jun was well w. of currently known breeding sites in Contra Costa (DSW). Eastern Kingbirds at Modoc N.W.R., Modoc 16 Jun (RbF) and at Lower Klamath N.W.R., Siskiyou 30 Jun (Charlotte Ann Kisling, fide Dave Irons) were in areas where breeding has been suspected in the past. As is typical, a single Eastern Kingbird reached the coast in midsummer, this time at Ft. Dick, Del Norte 14 Jul (RbF). A Pinyon Jay at Shasta 1 Jun marked the 5th record for Shasta (Timothy Guide). A singing Yellow-throated Vireo was briefly described from Mono Lake C.P., Mono 18 Jun (†Bob Power). Vagrant Red-eyed Vireos were found in the Marin Headlands, Marin 17 Jun (William Legge, Tony Harrow) and along the American River Parkway, Sacramento 19 Jun (DgSh).

A pair of Purple Martins present at Rocklin through at least 26 Jun were believed to have produced at least one fledgling, the first successful breeding in Placer since early in the 20th century (Dan Kopp, m.ob.). The only Purple Martin sighting in Santa Cruz, where breeding has gone unrecorded since 2001, involved a post-breeding dispersant at Younger Lagoon 10 Jul (SGe). Such a record might seem rather mundane were it not for the fact that the bird was caught and eaten by a Great Egret! Chickadees at the edge of their currently known range included an apparently unmated Blackcapped at the Mattole R. mouth, Humboldt 2-3 Jun (JTz) and 2 Chestnut-backeds just s. of Cedar Valley, Madera 20 Jul (GaW). Swainson's Thrushes away from known breeding areas were at Mt. Diablo S.P., Contra Costa 1 Jul (DSW) and lower Walker Cr., Mono 4 Jul (CMc). A Hermit Thrush at Coyote Pt., San Mateo 19-23 Jul was an unusual summer find for the shore of S.F. Bay and probably represents a post-breeding dispersant (RSTh).

THRASHERS THROUGH TANAGERS

The Cornell Lab's Nature Recording Class found Sierra's first Gray Catbird in Carman

Valley 7 Jun. Our other catbirds were both at Pt. Reyes, Marin 1 (KWi) & 6 Jun (RS). The Brown Thrasher found in spring at the Pt Reyes Fish Docks, Marin continued through 6 Jun (RS, SBT, LTer, MtB, RyT). The warbler season was pretty typical in terms of numbers and variety. A Tennessee Warbler was at Pt Reyes, Marin 1 Jun (RS). All 14 Northern Parulas were coastal except for a singing male at Simis Ranch, Mono 2 Jun (KNN). A male Northern Parula n. of Pt. Reyes Station, Marin 1 Jun-25 Jul attracted 2 females and produced 3 fledglings (RS). Of the 6 Chestnut-sided Warblers reported, a male present 7-15 Jul at Klamath Glen, Del Norte, was unseasonable (ADB). Magnolia Warblers were at Pt. Reyes, Marin 1-3 Jun (TaE, TEa, SBT, LTer, MtB, RyT), Mt. Davidson, S.F. 6 Jun (BFi), and Trinidad, Humboldt 9-24 Jun (RbF, KI). Juv. Yellow-rumped Warblers found on FI. 10-11 Jul (P.R.B.O.) and at Coyote Pt, San Mateo 27 Jul (RSTh) were probably dispersing from coastal breeding areas. Yolo's first Yellow-throated Warbler was a singing male n. of Davis 7-9 Jun (Laura Davis, ph RAd, m.ob.). All 4 Blackpoll Warblers were coastal, as were 4 of 5 Black-and-whites, the exception coming from Lundy L., Mono 15-16 Jun (PJM). American Redstarts made a good showing, with 17 reports, and once again the only inland reports came from Mono, with singles 14 Jun at Fish Slough and Wildrose Canyon (both PJM). An Ovenbird on F.I. 1-3 Jun was a holdover from May (P.R.B.O.). Another Ovenbird was singing at the Carmel R. mouth, Monterey 4 Jun (BTM) The only Northern Waterthrush was in Pescadero, San Mateo 16 Jun (PJM). Singing Hooded Warblers were in Klamath Glen, Del Norte 2 Jun (ADB, OnA), Half Moon Bay, San Mateo 14 Jun (RSTh), and Davis 16 Jun (Yolo's 2nd; JMHu). A singing male Canada Warbler at Pt. Reyes, Marin 2 Jun (SBT, LTer, MtB, RyT) was an excellent find. Summer Tanagers were at Fremont Weir, Yolo 12 Jun (JMHu), Lundy Canyon, Mono 16 Jun (PJM, ph. A. Lowd), and Pt. Reyes, Marin 21 Jun (RS). The Summer Tanager near Colfax, Placer that returned last season for a 2nd summer remained at least until 22 Jul (Larry Risser) A highlight of the season was a singing Scarlet Tanager at Pt. Reyes, Marin 2 Jun (ph RyT, ph. SBT, LTer, MtB).

SPARROWS THROUGH FINCHES

A Clay-colored Sparrow 1-3 Jun on FI (P.R.B.O.) was a holdover from May. A male Lark Bunting on Etzel Rd. 16-19 Jun (EP, ph CLo, m.ob.) that entertained birders with song and full display was the 2nd for *Solano* and the 2nd for the C.V. in summer

A report of an American Tree Sparrow on F.I. 1 Jun (P.R.B.O.) inspired a search through our archives and the literature. As has been previously noted by McCaskie (1973; Western Birds 4: 71) and McCaskie et al. (1979; Birds of Northern California), the only May or Jun records for this species in California come from F.I. Data from Richardson et al. (2003; Western Birds 34: 58) and our archives include at least 16 records during these months from F.I. Besides the lack of mainland California records, there are also no May or Jun records from Washington and only four May records from Oregon. At least 8 American Tree Sparrows have been found on F.I. in Jun. After receiving input from Regional Editors covering nearly all of the normal winter range of this species in the lower 48 states, we have found only five other Jun records—two each from Wisconsin and Minnesota (fide Peder Svingen) and one from North Dakota (fide Ron Martin). The only documented Jul record we can find for the lower 48 is a bird found dead in coastal San Luis Obispo in southern California 20 Jul 1979, as reported by Banks (1980; Western Birds 11: 56).

Grasshopper Sparrows were widely reported as present in unusually high numbers this season. A Swamp Sparrow on FI. 3-5 Jun (P.R.B.O.) was another unusual summer sparrow record. A Golden-crowned Sparrow at Sonora Pass, *Tuolumne* 16 Jun (SUm) was unseasonable.

Among the 33 Rose-breasted Grosbeaks reported this season was the 3rd for Sierra at Bassetts Station 1-2 Jun (Bob Steele). Blue Grosbeaks were present and breeding along the Pajaro R., Santa Clara 23 Jun+ (SCR, m.ob.). At least a dozen Indigo Buntings were reported, with breeding probable or confirmed in a few locations. A likely Indigo-Indigo pair was indicated by multiple observations on Skyline Drive (San Mateo and Santa Clara) 8-26 Jul (ViT, WGB, Craig Cummings, ADeM). Up to 15 Bobolinks were e. of Eagleville, Modoc 17-22 Jun (RbF, KPa, m.ob.). A well-described Orchard Oriole was in Bayside, Humboldt 18 Jul (DFx). Two Scott's Orioles were at Black Rock Mine, Mono 14 Jun (PJM), in an area where they have bred in the past (PJM). A pair of Lawrence's Goldfinches in Lemon Canyon 5 Jun (KPa) was believed to be Sierra's first.

Cited observers (county coordinators in boldace): Roger Adamson (Yolo), Tim Amaral, Onik Arian, David Armstrong, Kumaran Arul, Alan D. Barron (Del Norte), Murray Berner (Napa), Matthew Brady, William G. Bousman (Santa Clara), Scott Carey, Rita Carratello, George E. Chaniot, Luke W. Cole (Kings), Chris Conard (Sacramento), Jeff N. Davis (Madera), Al DeMartini, Bruce E. Deuel (n. C.V. counties), Peter Dramer, Jon L. Dunn, Tanner Easterla, Todd Easterla, Mark W. Eaton (San Francisco), Ray Ekstrom (Siskiyou), Elias Elias, Andrew Engilis, Gil C. Ewing, Brian Fitch, David Fix, Rick Fournier (RF), Rob Fowler (RbF), James H. Gain (Stanislaus), Steve Gerow (Santa Cruz), Yohn Gideon, Steve A. Glover (Contra Costa), Melody Hamilton, Steve C. Hampton, Rob Hansen, Stanley W. Harris, Jim T. Havlena, Karen A. Havlena, Laird Henkel, Alan S. Hopkins, Joan M. Humphrey, John E. Hunter (Trinity), Ken Irwin, Richard G. Jeffers, Shearwater Journeys, Sheila Junge, Robert J. Keiffer (Mendocino), Earl Lebow, Robin L. C. Leong (Solano), Tom W. Leskiw, Ron LeValley, Cindy Lieurance, Leslie Lieurance, Jim Lomax, Calvin Lou, John S. Luther, Michael I. Mammoser, Blake Mathe-

son, Sean McAllister, J. Mac McCormick (Plumas and Sierra), Chris McCreedy, Peter J Metropulos (San Mateo), Kristie N. Nelson (Mono), Wally NeVille, Frances Oliver, Ed Pandolfino (Placer), Jim & Debby Parker, Kathy Parker, Benjamin D. Parmeter, Gary W. Potter (Fresno), Jude C. Power (Humboldt), C. John Ralph, Robert W. Reiling, Robert J. Richmond (Alameda), Don Roberson (Monterey), Michael M. Rogers, Kerry G. Ross, Stephen C. Rottenborn, Ruth A. Rudesill (Sonoma), Salvatore Salerno, Mike San Miguel, Barry Sauppe, Doug Shaw, Jim H. Snowden, Rich Stallcup, John C Sterling (Modoc, Alpine, and Calaveras), Fritz Steurer, Grace Steurer, Tim Steurer (Amador and El Dorado), Brad Stovall (Lassen), David L. Suddjian (Santa Cruz), Brian L. Sullivan, Steven D. Summers (Tulare), Richard Ternullo, Linda Terrill, Ryan Terrill (Marin), Scott B Terrill, Ronald S. Thorn, James R. Tietz (Humboldt and F.I.), Vivek Tiwari, Dorothy Tobkin, Steve Umland (Tuolumne), Frank Vanslager, Kent Van Vuren (Merced and San Benito), David Vander Pluym (Mariposa), Jerry R White (Lake), Denise S. Wight, Brian D. C Williams (Nevada), Ken Wilson, Roger Wolfe, Gary Woods, Bob & Carol Yutzy (Shasta) Many more observers are not specifically cited, all are appreciated.

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