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July 9, 2010

Ms. Sandy Marquez
Recovery Permit Coordinator
Carlsbad Fish and Wildlife Office
6010 Hidden Valley Road, Suite 101
Carlsbad, California 92011

RE: 45-Day Summary Report of Focused Surveys for the Quino Checkerspot Butterfly for the Manzanita Wind Energy Project

Dear Ms. Marquez:

In compliance with the Special Terms and Conditions for Endangered and Threatened Wildlife Species Permit TE-820658-4.6, AECOM submits this letter report summarizing the results of focused surveys conducted in 2010 for the federally listed endangered Quino checkerspot butterfly (*Euphydryas editha quino*; Quino) for the Manzanita Wind Energy Project (project). AECOM currently holds an Endangered and Threatened Species Permit issued by the U.S. Fish and Wildlife Service (USFWS) under Section 10(a) of the Federal Endangered Species Act. This permit authorizes AECOM to conduct presence/absence surveys for Quino and other species.

Site Description

The Manzanita Indian Reservation lies along the Tecate Divide north of Interstate 8 (I-8) in eastern San Diego County (Figure 1). The Tecate Divide is a north/south-trending ridgeline that divides the Colorado River Basin watershed from the coastal watershed that drains to the Pacific Ocean. The reservation is located northwest of the community of Manzanita and directly north of Live Oak Springs approximately 2 miles north of Interstate-8 (Figure 2). Onsite elevation ranges from approximately 3,400 to 5,000 feet above mean sea level.

The Biological Study Area (BSA), which includes lands both on and off of the Manzanita and Campo Indian Reservations, supports a variety of habitat types and vegetation communities, but is dominated by chamise chaparral with both a monotypic phase and a mixed chaparral phase. Additional vegetation communities found throughout the site and especially along ridges and slopes include redshank chaparral, big sagebrush scrub, and Sonoran subshrub scrub. A series of north/south-running ridges is located throughout the proposed project site, separated by shallow valleys consisting of coast live oak woodland, nonnative grassland, and southern willow scrub vegetation. Buckwheat scrub is interspersed throughout the chamise chaparral, primarily in shallow valleys, along washes and roads, and along firebreaks. Paths from cattle grazing exist throughout the buckwheat scrub and chamise chaparral communities. Various large rock outcrops are scattered throughout the site, but are primarily located along the ridgelines. Old roads, utility roads, and recently graded roads span the BSA.



Project Description

The proposed project is comprised of three different parts, described as Part A: Manzanita Wind Power Generation Project; Part B: Crestwood to Boulevard Transmission Line System Improvement Project; and Part C: New Substation on Private Land Project. Each part is described in further detail below.

Part A: Manzanita Wind Power Generation Project

The Manzanita Wind Power Generation Project (Project) consists of the installation of up to 22 wind turbines on the Manzanita Reservation. Each turbine could generate up to 2.5 MW of power. The general alignment for 15 of the turbines follows the Tecate Divide, starting at the approximate mid-point of the reservation's southern boundary and extending north and west to the northern boundary of the reservation. Of the remaining seven proposed turbines, four would extend from north to south approximately 1,000 feet west of the Tecate Divide, and three would extend approximately 3,000 feet south from the northern boundary of the reservation in the northeastern portion of the reservation. There are 25 existing 2.0-MW wind turbines located along the Tecate Divide on the Campo Reservation, immediately south of the Manzanita Reservation and north of I-8.

Road improvements on the Manzanita Reservation would be necessary along the Tecate Divide and other existing roads to gain access to the three turbines proposed in the northeastern portion of the reservation. This work would include both improvements to existing dirt roads and the potential construction of new dirt roads depending on the final project design. In addition, a new access road would be required to access and provide a loop for the four proposed turbines west of the Tecate Divide. Other areas of disturbance would result from lay-down and staging areas during installation.

A buffer of approximately 1,000 feet around proposed turbine locations has been used to provide flexibility for the project design and to determine acreages for biological survey work. Using this methodology, up to 1,600 acres of disturbance could result from implementation of the Project, although the actual impact area will likely be much smaller. Anticipated impacts include disturbance associated with installation of a generation tie line (gen-tie line) that extends approximately 3 miles from the southernmost proposed turbine to the existing Crestwood substation on the Campo Reservation, south of I-8.

Part B: Crestwood to Boulevard Transmission Line System Improvement Project

The Crestwood to Boulevard Transmission Line System Improvement Project (Project) traverses between the existing Crestwood and Boulevard substations. The Project extends for approximately 4.5 miles, following the existing 69-kV line alignment and right-of-way. Additional right-of-way may be required along this transmission line depending on final structure design and placement. Some type of disturbance will likely occur along the length of the transmission line and would be increased in those areas where direction changes occur to allow for pulling sites and staging areas. Specific pulling sites and staging yards



have not yet been identified for the project. However, the BSA includes a 100-foot buffer on either side of the easement, with a 500-foot buffer at angle points in order to accommodate potential staging areas and pulling sites. Up to 150 acres of disturbance could result from implementation of the Project.

Part C: New Substation on Private Land Project

The New Substation on Private Land Project consists of the construction of a new substation or switchyard on private land. This proposed facility will be necessary in conjunction with the wind generation project. The survey area is approximately 5 acres.

Background Information

The Quino was added by USFWS to the Federal Endangered Species List on January 16, 1997 (USFWS 1997). The species (*E. editha*) has a range extending from British Columbia and Alberta, Canada, south through Colorado and Utah, and west along the coast to northern Baja California. It is divided into 20 subspecies, each of which has its own range and biological and morphological characteristics. In California, there are 12 subspecies (Garth and Tilden 1986). Three other subspecies of *E. editha* are currently known to occur in Southern California. The Quino is the southwesternmost subspecies of *E. editha* (Mattoni et al. 1997).

The Quino is known to occur in association with a variety of plant communities, soil types, and elevations (up to 5,000 feet). The plant communities include clay soil meadows, open grasslands, coastal sage scrub, chamise chaparral, red shank chaparral, juniper woodlands, and semidesert scrub (Ballmer et al. 2001). The Quino is also associated with clay soils that possess cryptogamic crusts and vernal pools (USFWS 2002).

The Quino is a medium-sized butterfly (approximately 0.8- to 1.1-inch wingspan) belonging to the family Nymphalidae. The adults are primarily orange-red with white, and have black markings on the dorsal wing surface. They are active primarily in March and April. This active period may vary depending on weather conditions (Ballmer et al. 2001). The adult butterfly feeds on nectar, which it obtains from spring annuals such as popcorn flower (*Cryptantha* spp.), goldfields (*Lasthenia* spp.), layia (*Layia* spp.), goldenbush (*Ericameria* spp.), onion (*Allium* spp.), fiddleneck (*Amsinckia intermedia*), chia (*Salvia columbariae*), and blue dicks (*Dichelostemma pulchella*), among others. It cannot use flowers that possess deep corolla tubes, such as monkeyflower (*Mimulus* spp.), or those that can be opened by bees, such as snapdragons (USFWS 2002). Adult males and virgin females sometimes "hilltop," or travel to elevated locations to find mates. While waiting for females to arrive, the males will often exhibit territorial behavior and will chase other butterflies that approach them. Frequently, the butterflies are observed in meadows or clearings where their host plants occur (Ballmer et al. 2001).

A female may lay 20 to 75 eggs at one time and may produce up to 1,200 eggs in her lifetime. The eggs hatch in approximately 10 days under favorable weather conditions, and



the young larvae will immediately begin to feed upon a host plant. The feeding larvae use the dot-seed plantain (*Plantago erecta*), patagonia plantain (*Plantago patagonica*), Coulter's snapdragon (*Antirrhinum coulterianum*), and Chinese houses (*Collinsia concolor*) as host plants (Pratt 2010). Bird's-beak (*Cordylanthus rigidus*) and owl's clover (*Castilleja exserta*) are considered secondary hosts (USFWS 2002). New evidence suggests that Chinese houses is a primary larval food plant for Quino in the 900- to 1,300-meter (m) elevational range (Pratt 2010), which is the range coincident with the project site.

After feeding, the early larva enters an obligatory aestival diapause (a dormant stage), which may be broken after fall or winter rains (Murphy and White 1984; Osborne 1998). If adverse weather conditions occur, the emergent larva may reenter a diapause stage repeatedly, for up to 5 or 6 years, until favorable weather conditions permit sufficient growth of the host plant to allow the larva to complete its development.

The Quino was once common in Southern California. It ranged north into Ventura County, west to the Pacific Ocean, east to the deserts, and south into northern Baja California. Currently, it is known to occur only in a few, probably isolated, colonies in southwestern Riverside County, San Diego County, and northern Baja California.

Reasons for the butterfly's reduction in population are not well understood. Habitat loss due to degradation and fragmentation caused by urban and rural development, agricultural conversion, off-road-vehicular use, the invasion of nonnative plants and insects, fire management practices, overcollecting, and adverse weather conditions have likely contributed to the species' decline (USFWS 1997).

USFWS recommends that focused Quino surveys be conducted a minimum of five times during the adult flight season by biologists possessing a recovery permit for this species, pursuant to Section 10(a)(1)(A) of the Endangered Species Act. The Quino flight season within a given area is determined by the activity of known Quino populations that are monitored annually by USFWS.

Survey Methodology

Habitat Assessment

Prior to the initiation of protocol surveys, a focused habitat assessment of the entire project site (Parts A, B, and C) was conducted from March 17 to March 19, 2010. Habitat assessments were conducted by project permitted biologists Gretchen Cummings, David Faulkner, Martha Heath, Margie Mulligan, and Dale Powell. These permitted biologists were assisted by project supervised biologists Andrew Fisher and Jimmy McMorran. During habitat assessments, all areas were mapped as suitable, with the exception of developed areas, closed canopy forests or riparian areas, and dense chaparral, as defined by the most current protocol (USFWS 2002). The survey protocol recommends excluding "dense chaparral" and "small openings (less than an acre) completely enclosed within dense



chaparral." It further defines "dense chaparral" as "vegetation so thick that it is inaccessible to humans except by destruction of woody vegetation for at least 100 meters."

The final habitat assessment map depicting all excluded habitats is presented on U.S. Geological Survey (USGS) Quad maps at 200% (Figure 3). Host plant locations and vegetation types in excluded areas are also depicted on the habitat assessment map.

The total area determined to be suitable to survey for Quino per the most current USFWS protocol was 1,297 acres.

Focused Adult Quino Surveys

Focused surveys were conducted over the 1,297-acre survey area according to the most current USFWS protocol (USFWS 2002) (Figures 3 and 4). The start date for focused adult Quino surveys was determined based on the following: (1) the first detection of Quino during surveys last year for another project on the Campo Indian Reservation directly adjacent to the proposed project; (2) conditions at the project site this year relative to last year; and (3) conditions at the Jacumba reference site monitored by USFWS. Project biologist David Faulkner conducted focused surveys for the proposed Campo Landfill project in previous years, and provided input that the first Quino detections at the Campo Landfill site occurred around the third week of March last year. Based on this information, Ken Osborne (Quino expert and monitoring biologist for Jacumba reference site) stated that the flight season would likely begin at the Jacumba reference site around the third week of March (Osborne 2010). However, because of colder temperatures at the site in mid-March, which delayed the flight season by at least another week, and the lack of Quino at the Campo Landfill site that was being monitored during that time, it later was agreed by David Faulkner, Michael Klein, and Ken Osborne that the fourth week of March would be an appropriate start date for surveys.

Focused adult surveys commenced on March 24, 2010. Surveys were conducted by Erin Bergman, Adam Behle, Melissa Booker, Michael Couffer, Amanda Gonzalez, Antonette Gutierrez, Martha Heath, Bonnie Hendricks, Kyle Ince, Shirley Innecken, Diana Jensen, Erik LaCoste, Jimmy McMorran, Dale Powell, and Steve Rink. The survey routes of each permitted biologist were recorded and mapped electronically using Garmin Global Positioning System (GPS) units. A list of all biologists who conducted habitat assessments and focused surveys and their corresponding permit numbers is provided in Table 1. A summary of the survey schedule is presented in Table 2.



Table 1
Survey Personnel and TE Permit Numbers

Biologist	#TE Permit Number
Erin Bergman	#TE-820658 (supervised)
Adam Behle	#TE-797999
Melissa Booker	#TE-797999
Michael Couffer	#TE-782703
Barbra Calantas	#TE-820658
Gretchen Cummings	#TE-031850
David Faulkner	#TE-838743
Andrew Fisher	#TE-820658 (supervised)
David Flietner	#TE-008031
Amanda Gonzalez	#TE-797999 (supervised)
Antonette Gutierrez	#TE-797999
Martha Heath	#TE-099005
Bonnie Hendricks	#TE-820658
Kyle Ince	#TE-797999
Shirley Innecken	#TE-820658 (supervised)
Diana Jensen	#TE-797999
Gina Krantz	#TE-797999 (supervised)
Erik LaCoste	#TE-027736
Viviane Marquez	#TE-800930
Jimmy McMorran	#TE-820658 (supervised)
Margie Mulligan	#TE-233291
Dale Powell	#TE-006559
Steve Rink	#TE-797999

Table 2
Quino Checkerspot Butterfly Survey Schedule

Survey Week	Date	Survey Team
1	3/24/2010 to 4/11/2010	Behle, Bergman, Booker, Couffer, Gutierrez, Heath, Hendricks, Ince, Innecken, Jensen, LaCoste, McMorran, Powell, Rink
2	4/13/2010 to 4/19/2010	Behle, Bergman, Couffer, Faulkner, Flietner, Gonzalez, Gutierrez, Heath, Ince, Innecken, Jensen, Marquez, Rink
3	4/18/2010 to 4/26/2010	Behle, Bergman, Calantas, Flietner, Gutierrez, Heath, Ince, Innecken, Jensen
4	4/26/2010 to 5/6/2010	Behle, Fisher, Flietner, Gutierrez, Heath, Ince, Krantz, LaCoste, Rink
5	5/6/2010 to 5/13/2010	Behle, Couffer, Gutierrez, Heath, Hendricks, Ince, Krantz, LaCoste, Powell, Rink
6	5/14/2010 to 5/20/2010	Behle, Couffer, Gutierrez, Heath, Hendricks, Krantz, LaCoste, Powell, Rink



Results

Six weeks of focused surveys were conducted for the approximate 1,297 acres of the focused survey area, shown in Figures 3 and 4. After 5 weeks of surveys, it was determined that a sixth week of Quino surveys at the site was necessary, based on continued observations of Quino individuals during the fifth week on the adjacent Campo Wind Generation Project. One of the individuals observed during the fifth week of surveys on the adjacent project site was in good condition with bright wing color and no fraying of wing edges. Potential larval host plants, including Chinese houses, were blooming with increasing abundance during survey week 5. While the actual blooms of Chinese houses do not benefit Quino larvae, the blooming cycle indicates that Chinese houses were still green and supple, and had not yet dried up during the Quino survey season. Thus, the host plants were still available for Quino larvae to feed on during the Quino survey season. Based on the continued presence of adult Quino and the blooming stage of potential larval host plants during survey week 5, a sixth week of focused adult Quino surveys was added to the season.

Survey-specific weather conditions and personnel are presented in Appendix A. Field data sheets are included in Appendix B.

A total of 66 butterfly species and various moth species were detected within the survey area, with peak numbers generally occurring during survey weeks 3 and 4. A list of all butterfly species observed within the survey area each survey week is summarized in Appendix C. A list of potential nectaring plant species in flower each survey week is presented in Appendix D. Generally, nectaring plants increased in diversity and abundance during survey weeks 3 and 4, which coincided with the times that Quino and other checkerspots were observed in greatest abundance. A list of vertebrate species detected during focused Quino surveys is presented in Appendix E.

Eleven Quino observations were made during the protocol survey period. Five observations were made within Part A of the BSA, and six observations were made within Part B of the BSA. No observations of Quino were made within Part C of the BSA.

The 24-hour notification letters for each Quino detection are included in Appendix F as Appendices F.1 to F.6. All Quino detections for the project are provided in Figure 4. Information for each Quino sighting, including the survey week, date, time, weather conditions, surveyor, and number of Quino individuals detected, is provided in Table 3. Table 3 references the Appendix F section corresponding to each Quino sighting, which includes detailed information for each sighting provided in the corresponding 24-hour notification letter, including weather conditions, habitat conditions, and photographs of the habitat and/or individual(s) detected, as applicable.



Table 3 **Quino Checkerspot Butterfly Observations**

Observation Number	Survey Week	Date of Observation	Time	Temp.	Wind	% Cloud Cover	Permitted	Date Observation Reported to CFWO ²	Number of Quino Observed	24-Hour Notification Letter
1	1	04/02/2010	14:19	75.2°F	1.4-2.5 mph	2	Antonette Gutierrez	04/03/2010	1	Appendix F.1.
2	1	04/03/2010	11:50	73.0°F	3–7 mph	0	Michael Couffer	04/04/2010	1	Appendix F.2.
3	1	04/10/2010	13:44	72.0°F	4–7 mph	0	Dale Powell	04/12/2010	1	Appendix F.3.
4	1	04/10/2010	14:00	70.0°F	4–7 mph	0	Michael Couffer	04/12/2010	1	Appendix F.3.
5	1	04/11/2010	13:38	59.0°F	1–8 mph	0	Michael Couffer	04/12/2010	1	Appendix F.3.
6	2	04/16/2010	09:55	64.0°F	2.5-4.3 mph	0	Martha Heath, Shirley Innecken ¹	04/17/2010	1	Appendix F.4.
7	2	04/18/2010	12:20	66-72°F	4.6-10.9 mph	0	Martha Heath	04/19/2010	1	Appendix F.5.
8	2	04/18/2010	12:51	66-72°F	4.6-10.9 mph	0	Martha Heath	04/19/2010	1	Appendix F.5.
9	3	04/18/2010	13:25	66-72°F	3.0 mph	20	Barbra Calantas	04/19/2010	1	Appendix F.5.
10	3	04/20/2010	11:15-11:30	69.0°F	2-5.7 mph	20	Antonette Gutierrez	04/21/2010	2	Appendix F.6.

¹ Supervised to survey under #TE-820658 ² CFWO = Carlsbad Fish and Wildlife Office



During spring 2010, vegetation mapping and rare plant surveys were ongoing and concurrent with focused Quino surveys for the project. Botanists conducting vegetation mapping and rare plant surveys across 100% of the BSA also mapped all potential Quino larval host plants observed, including Chinese houses, Coulter's snapdragon, and dark-tip bird's beak. On-site, Chinese houses was the most abundant potential host plant and was associated with the chaparral understory and adjacent open areas of habitat. Coulter's snapdragon was also associated with the chaparral understory and open areas. Of these three species observed within the survey area, only Chinese houses was vegetatively mature as early as April, during the peak of Quino observations. The blooming period for Chinese houses on-site during spring 2010 was from mid-April to late-June. This species was past its peak bloom and in full fruit by late June. The other two species documented onsite—dark-tip bird's beak and Coulter's snapdragon—were present only as small basal rosettes and/or diminutive, immature plants in April. Coulter's snapdragon began blooming in early May in some areas, and dark-tip bird's beak is not expected to fully mature and bloom until July. All host plants that were detected within the survey area, including observations made by Quino surveyors and botanists during rare plant surveys, are provided in Figures 3 and 4.

Discussion

A total of 11 individual Quino observations were made during the flight season. The first detection of Quino this season occurred on April 2, 2010, during the week 1 survey period. Quino were detected during survey weeks 1 through 3. No Quino were detected during survey weeks 4 through 6. Given that the surveys started on March 24 and the first Quino detection was on April 2, it can be assumed that the survey window of March 24 to May 20 appropriately encompassed the flight season for Quino at the project site this year.

Several storm events occurred at the site during the week of March 29, the week of April 19, and the week of April 26. These storm events resulted in snow/mixed precipitation/rain, cold temperatures, and windy conditions that are considered unfavorable for Quino. While surveys did not occur on days when weather conditions were out of protocol requirements, it is possible that the storm events during these time periods (including after the last detection on April 18, 2010) affected local Quino populations, and consequently, detections during these times.

After conclusion of the field season, an internal meeting between AECOM biologists and subconsultant biologists (Barbra Calantas, Michael Couffer, David Faulkner, Andrew Fisher, Bonnie Hendricks, Scott McMillan, Antonette Gutierrez, Ken Osborne, and Erin Riley) took place on June 24, 2010 to discuss focused survey results and conclusions.

This meeting assessed results of adult focused surveys, host plant mapping, and vegetation mapping across the entire BSA. In comparing the focused Quino survey area to the larger BSA, spans of dense chaparral with small openings were found to exist outside of the survey area that may incur some use by Quino at a reduced level. These spans of dense chaparral are suitable for the overall persistence of the population, but do not consist of

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high-quality Quino habitat. Given the maturity of the chaparral community based on lack of recent fire and/or other disturbances, these areas lack concentrations of resources that would be likely to support dense localized Quino numbers or use at this time. However, these areas of dense chaparral include hilltops/ridgelines and populations of host plants and nectaring sources that may serve as a resource to some degree to the local Quino population despite being excludable by interpretation of the survey protocol.

The total area surveyed (1,297 acres) represents what is considered the optimal habitat for Quino on-site. Of the areas surveyed, Quino were observed in a small percentage of the total survey area. The Quino is known to undergo population fluctuations, with extirpation of local populations and recolonization of new areas in a fashion characteristic of metapopulation dynamics (Osborne 1998). Thus, the participants of the June 24 meeting concluded that a larger area of suitable habitat including the total area surveyed, totaling 1,580 acres potentially supports the persistence of the species. Much of this area was excluded from surveys based on the presence of dense chaparral. However, the larger area of suitable habitat defined in Figure 5 includes all chaparral with host plants and occasional openings (greater than 1 acre). This area of suitable habitat is most relevant for discussing the larger patterns of species distribution through space and time (Figure 5).

If you have any questions or comments regarding this letter report, please contact me at (619) 233-1454.

Sincerely,

Barbra/Calantas

Associate Wildlife Biologist barbra.calantas@aecom.com

Attachments: Figure 1 – Regional Map

Figure 2 – Vicinity Map

Figure 3 – Habitat Assessment (Map Pocket)
Figure 4 – Quino Survey Area and Detections

Figure 5 – Quino Larval Host Plants and Suitable Habitat

Appendix A – Daily Weather Conditions for Focused Quino Surveys on

Manzanita Wind Energy Project

Appendix B - Field Data Sheets

Appendix C – Summary of Butterfly and Moth Species Observed during

Quino Checkerspot Butterfly Surveys for the Manzanita Wind

Energy Project



Appendix D – Weekly Flowering Plant Observations for Manzanita Wind

Energy Project

Appendix E – Vertebrate Species Detected during Focused Quino Surveys

for Manzanita Wind Energy Project

Appendix F – 24-hour Quino Notification Letters to USFWS

Certification

Qualified biologists who conducted Quino checkerspot butterfly surveys for the Manzanita Wind Energy Site certify that the information in this survey report fully and accurately represents the work performed by AECOM biologists. Signatures of permitted biologists as listed in Table 1 who conducted protocol surveys (March 24 to May 20, 2010) are included below. The results of focused surveys for listed species are typically considered valid for 1 year by the resource agencies.

Barbra Calantas

AECOM Wildlife Biologist

Erik LaCoste

AECOM Wildlife Biologist

Adam Behle

Subcontracted Quino Surveyor

Eden H Bell

Martha Heath

Subcontracted Quino Surveyor

Bonnie Hendricks AECOM Biologist

Viviane Marquez

Subcontracted Quino Surveyor

Melissa Booker

Subcontracted Quino Surveyor

man a Doken

Michael Couffer

Subcontracted Quino Surveyor

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David Flietner

Subcontracted Quino Surveyor

raid Hietrer

Kyle Ince

Subcontracted Quino Surveyor

Dale Powell

Subcontracted Quino Surveyor

Antonette Gutierrez

Subcontracted Quino Surveyor

Diana Jensen

Subcontracted Quino Surveyor

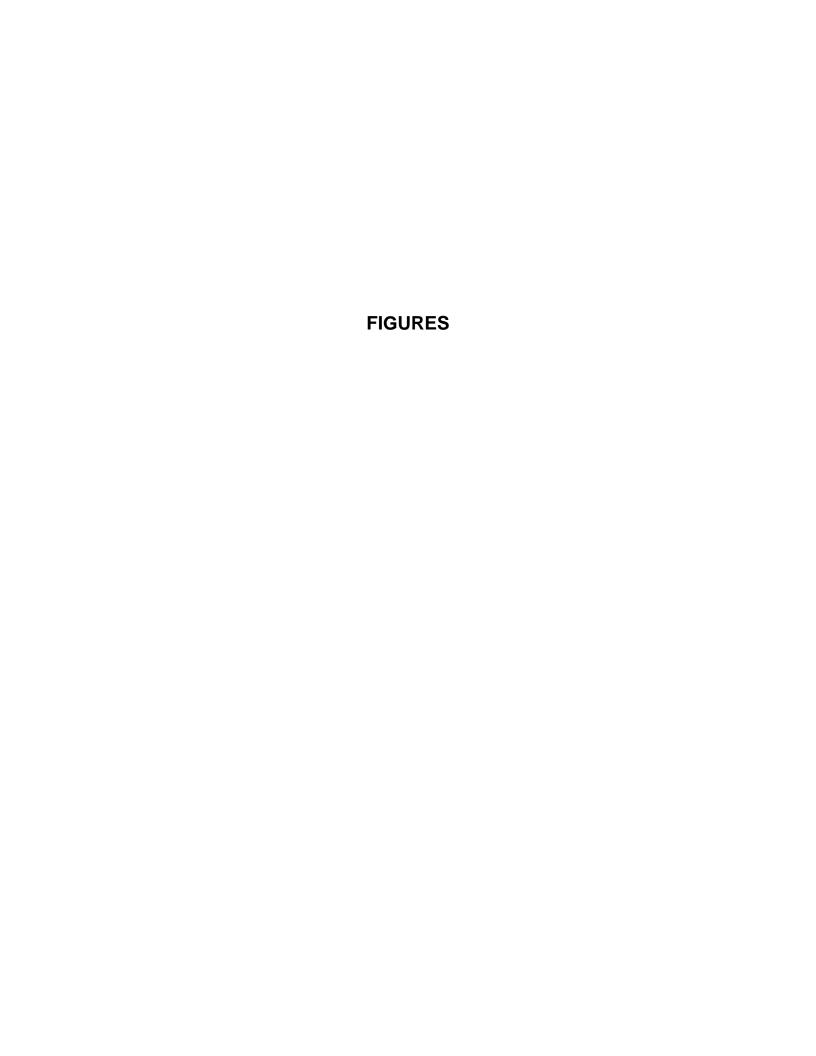
Steve Rink

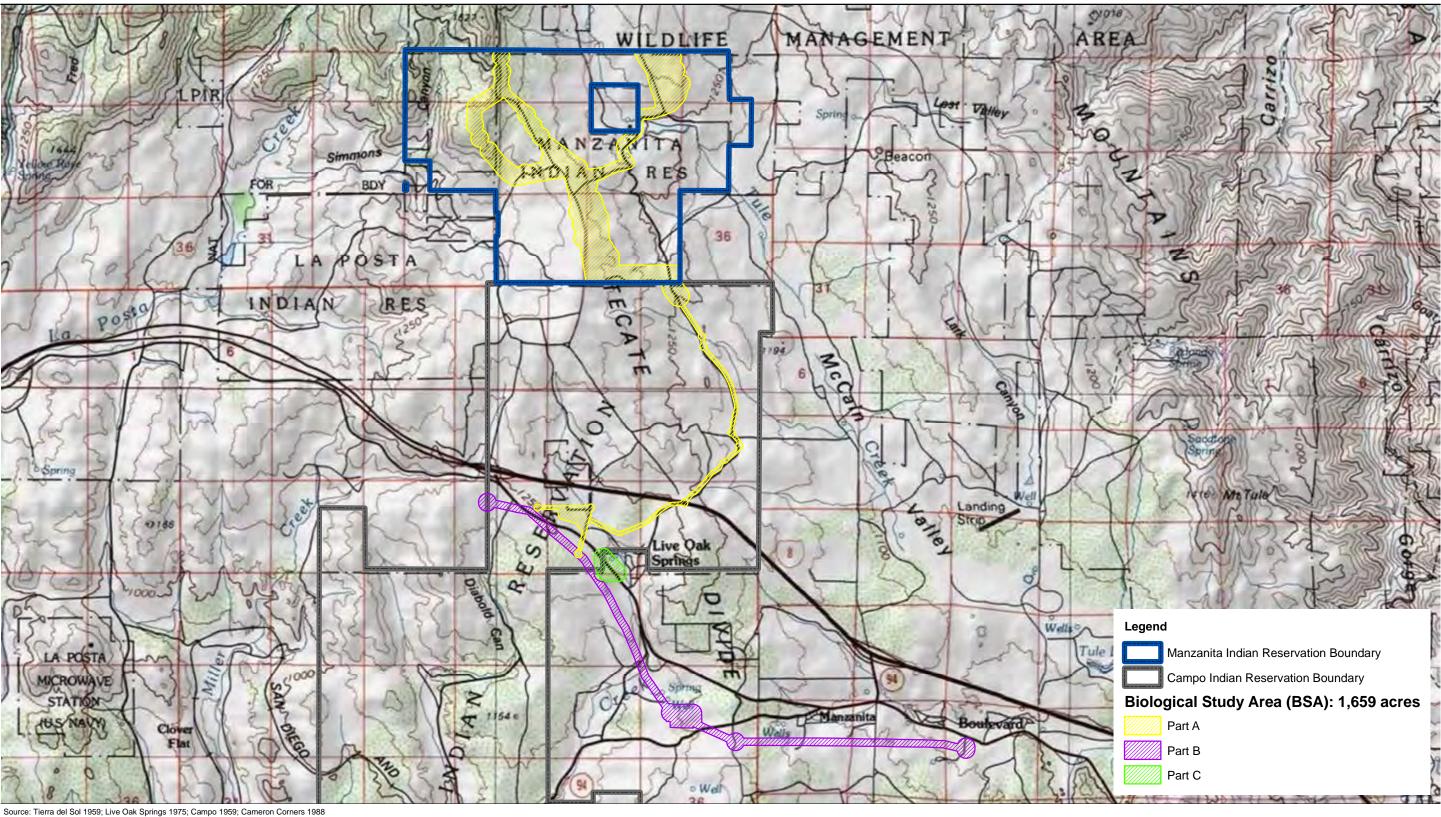
Subcontracted Quino Surveyor



Literature Cited

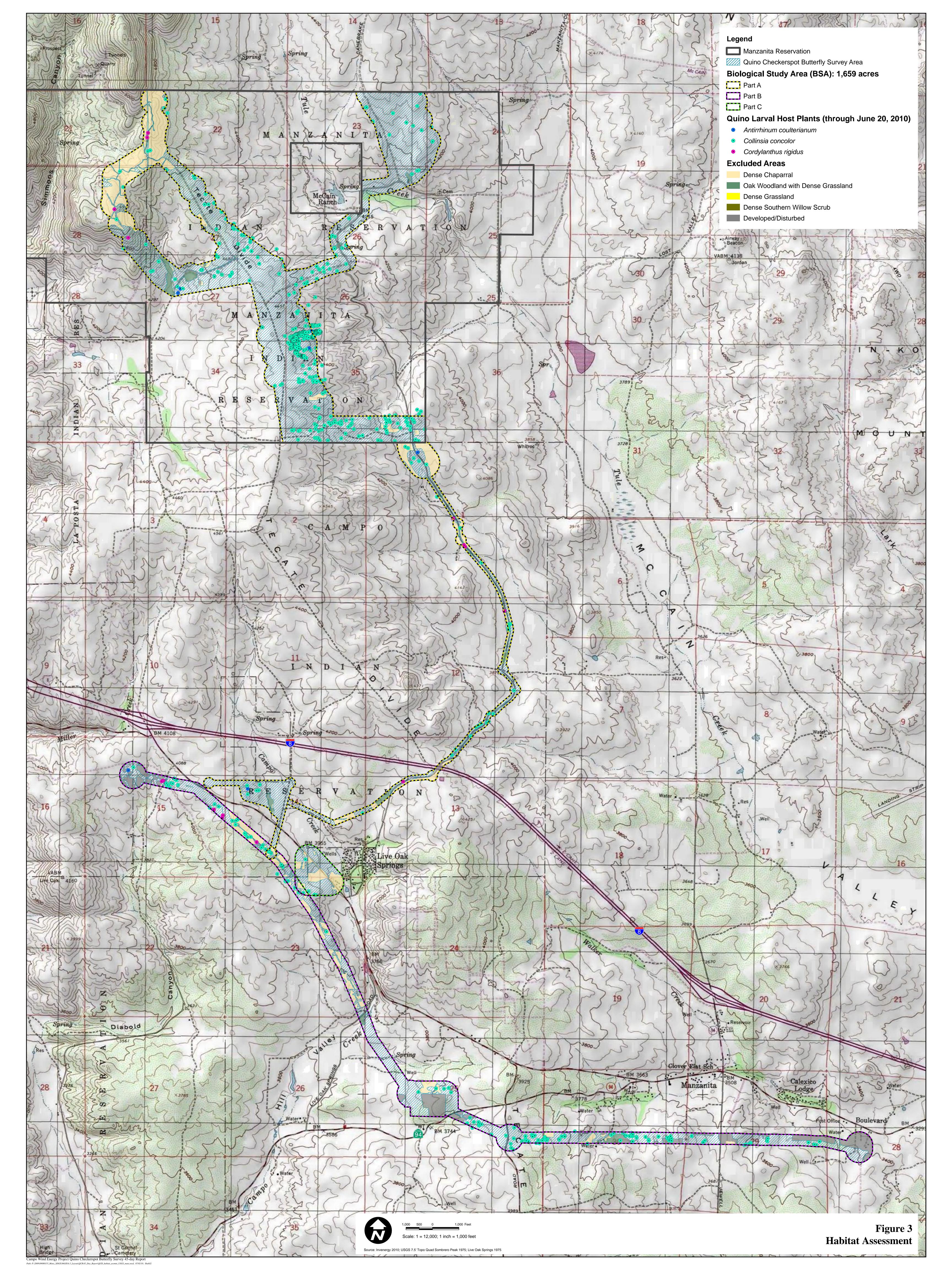
- Ballmer, G. R, D. C. Hawks, K. H. Osborne, and G. F. Pratt. 2001. The Quino Checkerspot Butterfly (*Euphydryas editha quino*). Year 2000 Quino Workshop.
- Garth, J. S., and J. W. Tilden. 1986. California Butterflies. University of California Press, Berkeley, California, 246 pp.
- Mattoni, R, G. F. Pratt, T. R Longcore, J. F. Emmel, and J. N. George. 1997. The Endangered Quino Checkerspot Butterfly, *Euphydryas editha quino* (Lepidoptera: Nymphalidae). *J. Res. Lepid.* 34:99–118.
- Murphy, D. D., and R. R. White. 1984. Rainfall, Resources, and Dispersal in Southern Populations of *Euphydryas editha* (Lepidoptera: Nymphalidae). *Pan-Pac Entomol.* 60:350–354.
- Osborne, K. H. 1998. Microhabitat conditions associated with the distribution of postdiapause larvae of Euphydryas editha quino and its host, *Plantago erecta* (Chapter 4). In: A Description of Arthropod Community Structure in Southern Californian Coastal Sage Scrub (Chapter 4). Master's thesis, University of California, Riverside, California.
- Osborne, Ken. 2010. Email regarding Jacumba reference site flight season start. March 17.
- Pratt, G. F. 2010. A New Larval Food Plant, *Collinsia concolor,* for the Endangered Quino Checkerspot, *Euphydryas editha quino. J. of Lepid. Soc.* 64(1):36–37.
- U.S. Fish and Wildlife Service (USFWS). 1997. Endangered and threatened wildlife and plants; Determination of endangered status for the Laguna Mountains skipper and Quino checkerspot butterfly. Federal Register 58:16742–16757.
- U.S. Fish and Wildlife Service (USFWS). 2002. Survey Protocol for the Endangered Quino Checkerspot Butterfly (*Euphydryas editha quino*) for the year 2002 Field Season. February 2002. 6 pp. + appendices.

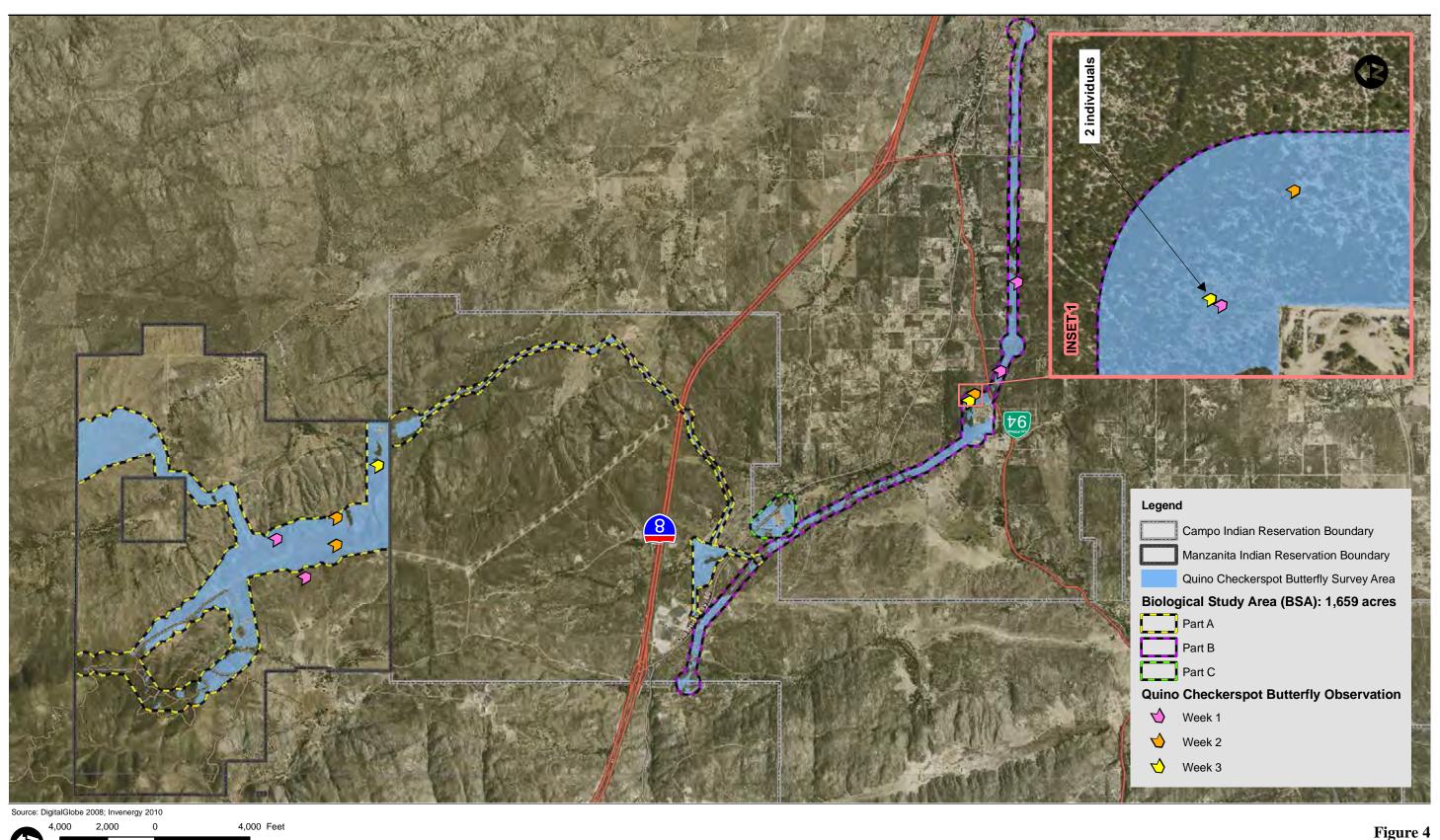




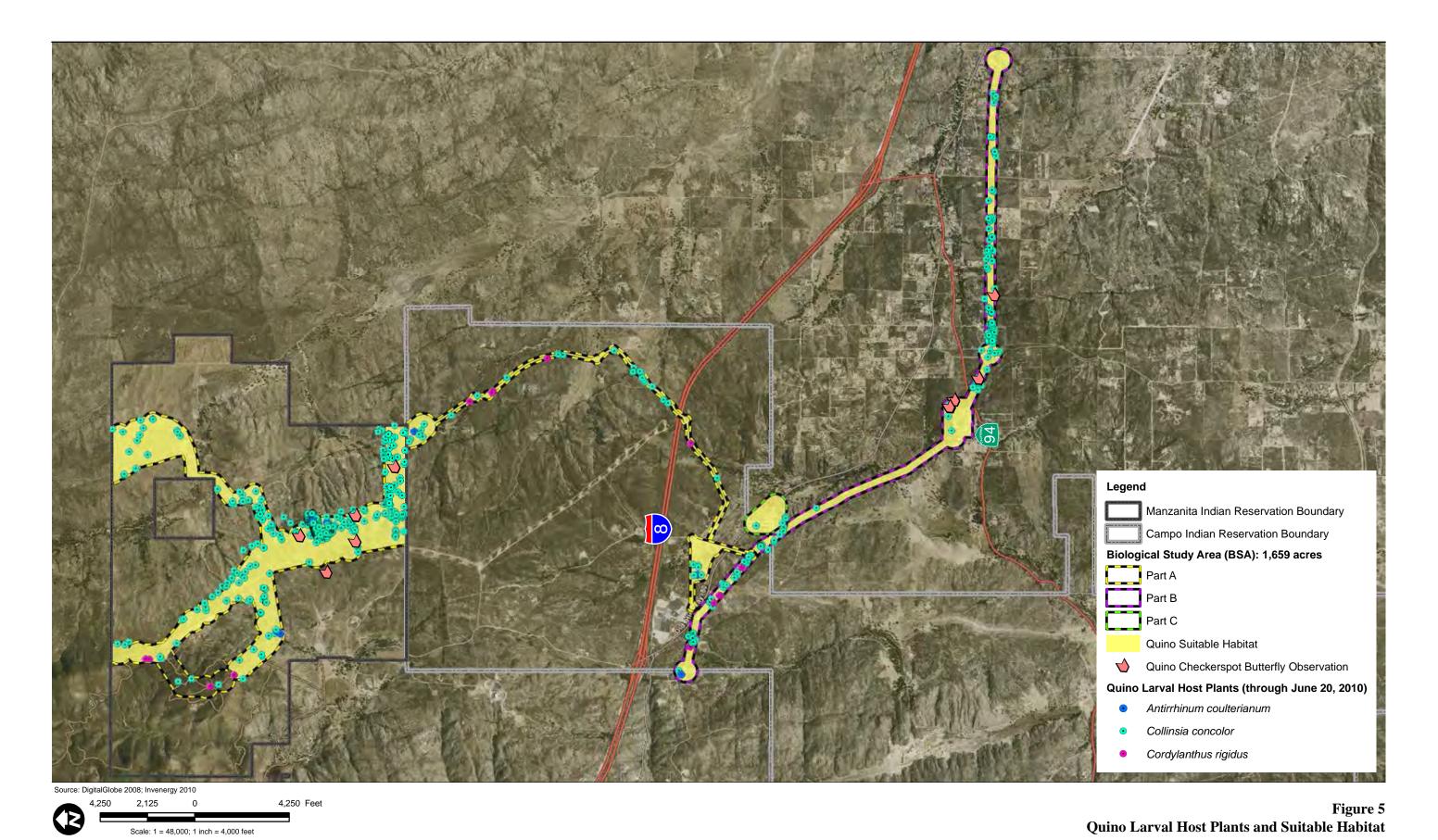
5,500 Feet

Figure 2 Vicinity Map





Quino Survey Area and Detections



APPENDIX A

DAILY WEATHER CONDITIONS FOR FOCUSED QUINO SURVEYS ON MANZANITA WIND ENERGY PROJECT

APPENDIX A DAILY WEATHER CONDITIONS FOR FOCUSED QUINO SURVEYS ON MANZANITA WIND ENERGY PROJECT

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
3/29/2010	1	Rink / McMorran	1100	73.5	1/2	20	patchy
3/29/2010	1	Rink / McMorran	1200	80	1/2	20	patchy
3/29/2010	1	Rink / McMorran	1300	79	5/7	20	patchy
3/29/2010	1	Rink / McMorran	1408	77	7/9	40	patchy
3/29/2010	1	Rink / McMorran	1500	76	7/9	30	patchy
3/30/2010	1	Rink	1200	70	14	10	patchy
3/30/2010	1	Rink	1300	70	13.7	10	patchy
3/30/2010	1	Rink	1400	69	14.5	10	patchy
3/30/2010	1	Rink	1500	69	14.7	10	patchy
3/29/2010	1	LaCoste	915	67	1/3	0	clear
3/29/2010	1	LaCoste	1200	79	2/5.9	15	clear
3/29/2010	1	LaCoste	1400	75	6/9	30	patchy
3/29/2010	1	LaCoste	1600	72	7/10	5	clear
3/30/2010	1	Behle / McMorran	1237	74	4/11	10	clear
3/30/2010	1	Behle / McMorran	1300	73	6/14	10	clear
3/30/2010	1	Behle / McMorran	1400	73	8/14	5	clear
3/30/2010	1	Behle / McMorran	1500	74	8/13	5	clear
4/2/2010	1	Gutierrez	1200	61.9	2.5/8.6	5	clear
4/2/2010	1	Gutierrez	1300	70.7	1.4/2.5	2	clear
4/2/2010	1	Gutierrez	1400	75.2	1.4/2.5	2	clear
4/2/2010	1	Gutierrez	1500	75.2	2.5/7.3	2	clear
4/2/2010	1	Gutierrez	1600	70.5	1.5/3.3	10	clear
4/2/2010	1	Gutierrez	1630	70.5	1.5/3.3	10	clear
4/2/2010	1	Couffer	1200	59	0/3	0	clear
4/2/2010	1	Couffer	1300	68	0/3	0	clear
4/2/2010	1	Couffer	1400	63	0/2	0	clear
4/2/2010	1	Couffer	1500	65	0/3	0	clear
4/2/2010	1	Couffer	1600	65	3/6	0	clear
4/2/2010	1	Couffer	1610	64	3/6	0	clear
4/3/2010	1	Couffer	1030	63	3/7	0	clear
4/3/2010	1	Couffer	1100	63	9/13	0	clear
4/3/2010	1	Couffer	1200	73	3/7	0	clear
4/3/2010	1	Couffer	1300	66	0/4	0	clear

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
4/3/2010	1	Couffer	1400	63	5/11	0	clear
4/3/2010	1	Couffer	1500	60	8/13	0	clear
4/3/2010	1	Hendricks	1100	58	11/18	0	clear
4/3/2010	1	Hendricks	1200	66	7/11	0	clear
4/3/2010	1	Hendricks	1300	62	9/16	0	clear
4/3/2010	1	Hendricks	1400	68	4/8	2	clear
4/3/2010	1	Hendricks	1500	58	7/14	2	clear
4/3/2010	1	Hendricks	1600	64	13/19	30	patchy
4/4/2010	1	Couffer / Bergman	1100	60	5/12	0	clear
4/4/2010	1	Couffer / Bergman	1200	58	8/17	0	clear
4/6/2010	1	Gutierrez	1115	65.8	3/5.1	0	clear
4/6/2010	1	Gutierrez	1200	61.2	6.5/12.8	0	clear
4/6/2010	1	Gutierrez	1300	65.3	7.7/10.6	0	clear
4/6/2010	1	Gutierrez	1400	63	5.6/8.1	0	clear
4/6/2010	1	Gutierrez	1530	69	4/8.2	0	clear
4/6/2010	1	Gutierrez	1630	66.4	4.2/8.5	0	clear
4/6/2010	1	Couffer	1000	60	3-8	0	clear
4/6/2010	1	Couffer	1100	55	4/10	0	clear
4/6/2010	1	Couffer	1200	57	4/10	0	clear
4/6/2010	1	Heath	1000	49.9	6.8/10.5	0	clear
4/6/2010	1	Heath	1100	50.2	9.3/14.8	0	clear
4/6/2010	1	Heath	1200	60.2	8.7/15.3	0	clear
4/6/2010	1	Heath	1345	61.3	4.4/6.7	0	clear
4/6/2010	1	Heath	1500	55.5	9.1/13.6	0	clear
4/6/2010	1	Powell / Bergman	1340	59	5/8	0	clear
4/6/2010	1	Powell / Bergman	1430	61	5/7	0	clear
4/6/2010	1	Powell / Bergman	1530	63	4/7	0	clear
4/6/2010	1	Powell / Bergman	1607	61	5/7	0	clear
4/6/2010	1	Ince / Bergman	1120	62	2/8.8	0	clear
4/6/2010	1	Ince / Bergman	1220	62	2/8	0	clear
4/6/2010	1	Ince	1400	61	3/10	0	clear
4/6/2010	1	Ince	1500	61	2/8	0	clear
4/6/2010	1	Ince	1615	61	2/8	0	clear
4/8/2010	1	Couffer	1315	73	0/2	0	clear
4/8/2010	1	Couffer	1400	73	0/2	0	clear
4/8/2010	1	Couffer	1500	74	0/2	0	clear
4/8/2010	1	Couffer	1600	76	0/3	0	clear

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
4/8/2010	1	Couffer	1700	75	1/3	0	clear
4/8/2010	1	Couffer	900	61	0/6	0	clear
4/8/2010	1	Couffer	1000	60	2/8	0	clear
4/8/2010	1	Couffer	1100	69	0/4	0	clear
4/8/2010	1	Couffer	1200	72	0/4	0	clear
4/8/2010	1	Couffer	1300	67	4/8	0	clear
4/8/2010	1	Jensen	1100	67	2/5	0	clear
4/8/2010	1	Jensen	1400	71	0/0	0	clear
4/8/2010	1	Jensen	934	61	3/6.5	0	clear
4/8/2010	1	Jensen	1100	67	2/5	0	clear
4/8/2010	1	Jensen	1400	71	0/0	0	clear
4/8/2010	1	Jensen	1555	75	0/0	0	clear
4/8/2010	1	Ince	940	62	2/5	0	clear
4/8/2010	1	Ince	1100	64	2/5	0	clear
4/8/2010	1	Ince	1140	64	2/5	0	clear
4/8/2010	1	Ince	1315	65	2/6	0	clear
4/8/2010	1	Ince	1415	68	2/5	0	clear
4/8/2010	1	Ince	1515	68	0/2	0	clear
4/8/2010	1	Ince	1614	70	0/0	0	clear
4/8/2010	1	Ince	1230	64	2/5	0	clear
4/9/2010	1	Jensen	1000	67	0.3/0.5	0	clear
4/9/2010	1	Jensen	1018	67	3/7	0	clear
4/9/2010	1	Jensen	1151	67	5/7	0	clear
4/9/2010	1	Jensen	1430	78	na	0	clear
4/9/2010	1	Jensen / Gutierrez	1500	76	3/6	0	clear
4/9/2010	1	Jensen / Gutierrez	1600	76	3/6	0	clear
4/9/2010	1	Gutierrez	1000	73	7.8/7.8	0	clear
4/9/2010	1	Gutierrez	1100	72	5.4/10.3	0	clear
4/9/2010	1	Gutierrez	1200	75	0.9/1.4	0	clear
4/9/2010	1	Gutierrez	1300	77	1.5/3.0	0	clear
4/9/2010	1	Gutierrez	1400	76	2.5/7.1	0	clear
4/9/2010	1	Ince	1215	67	3/10	0	clear
4/9/2010	1	Ince	1330	67	5/15	0	clear
4/9/2010	1	Ince	1545	68	3/7	0	clear
4/9/2010	1	Ince	1000	62	1/5	0	clear
4/9/2010	1	Ince	1115	65	3/10	0	clear
4/9/2010	1	Ince	1215	67	3/10	0	clear

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
4/9/2010	1	Jensen	1219	na	10/12	0	clear
4/9/2010	1	Jensen	1245	na	10/12	0	clear
4/9/2010	1	Jensen	1309	na	10/12	0	clear
4/9/2010	1	Jensen	1430	na	10/12	0	clear
4/9/2010	1	Jensen/Gutierrez	1600	na	7/10	0	clear
4/9/2010	1	Jensen/Gutierrez	1635	na	7/10	0	clear
4/9/2010	1	Gutierrez	1500	76	2.5/6.5	0	clear
4/9/2010	1	Gutierrez	1600	76	2.6/5	0	clear
4/9/2010	1	Heath	930	67.2	0.9/1.9	0	clear
4/9/2010	1	Heath	1030	69.5	1.3/4.2	0	clear
4/9/2010	1	Heath	1230	70.6	3.7/10	0	clear
4/9/2010	1	Heath	1330	72.1	3.4/5.2	0	clear
4/9/2010	1	Heath	1500	74.2	3.6/6.5	0	clear
4/9/2010	1	Heath	1600	67.9	3.6/7.9	0	clear
4/10/2010	1	Couffer	1030	65	1/3	0	clear
4/10/2010	1	Couffer	1100	68	1/4	0	clear
4/10/2010	1	Couffer	1200	68	1/7	0	clear
4/10/2010	1	Couffer	1300	72	0/4	0	clear
4/10/2010	1	Couffer	1400	70	4/7	0	clear
4/10/2010	1	Couffer	1500	71	2/8	0	clear
4/10/2010	1	Hendricks / Bergman	1100	64	5/11	5	clear
4/10/2010	1	Hendricks / Bergman	1235	70	3/12	2	clear
4/10/2010	1	Hendricks / Bergman	1330	67	4/15	1	clear
4/10/2010	1	Hendricks / Bergman	1430	64	9/14	1	clear
4/10/2010	1	Hendricks / Bergman	1530	62	5/12	2	clear
4/10/2010	1	Hendricks / Bergman	1700	63	2/14	10	clear
4/10/2010	1	Hendricks / Bergman	1730	61	3/11	2	clear
4/10/2010	1	Heath	1000	60.2	2.2/6.9	0	clear
4/10/2010	1	Heath	1200	62.1	8.7/13.5	0	clear
4/10/2010	1	Heath	1330	64.4	8.2/11.1	0	clear
4/10/2010	1	Heath	1500	66.7	6.2/10.3	0	clear
4/10/2010	1	Heath	1600	64.9	4.3/7.5	0	clear
4/10/2010	1	Powell	1000	63	6/9	0	clear
4/10/2010	1	Powell	1120	68	5/8	0	clear
4/10/2010	1	Powell	1230	72	8/11	0	clear
4/10/2010	1	Powell	1350	72	4/7	0	clear
4/10/2010	1	Powell	1540	70	5/9	0	clear

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
4/10/2010	1	Powell	1615	64	5/7	0	clear
4/11/2010	1	Couffer	1145	65	1/4	0	clear
4/11/2010	1	Couffer	1200	67	0/5	0	clear
4/11/2010	1	Couffer	1245	65	1/5	0	clear
4/11/2010	1	Couffer	1300	64	3/8	0	clear
4/11/2010	1	Couffer	1315	65	3/5	0	clear
4/11/2010	1	Heath / Innecken	1200	67	3.9/7.4	0	clear
4/11/2010	1	Heath / Innecken	1400	62.2	3.2/6.9	10	clear
4/11/2010	1	Heath / Innecken	1530	59	3.6/12.4	5	clear
4/11/2010	1	Booker / Jensen	1130	72	3/8	10	clear
4/11/2010	1	Booker / Jensen	1237	72	6/12	10	clear
4/11/2010	1	Booker / Jensen	1535	71	5/9	10	clear
4/11/2010	1	Jensen / Booker	1130	72	3/8.6	0	clear
4/11/2010	1	Jensen / Booker	1238	na	6/12	0	clear
4/11/2010	1	Jensen / Booker	1435	71	5/9	0	clear
4/11/2010	1	Powell	1200	61	9/13	0	clear
4/11/2010	1	Powell	1240	62	6/8	0	clear
4/11/2010	1	Powell	1520	62	7/11	0	clear
4/13/2010	2	Ince	1130	61	2/5	5	clear
4/13/2010	2	Ince	1230	61	2/5	5	clear
4/13/2010	2	Ince	1300	63	2/3	5	clear
4/13/2010	2	Ince	1400	63	2/5	5	clear
4/13/2010	2	Rink	1130	60	2/5	5	clear
4/13/2010	2	Rink	1235	61	2/5	5	clear
4/13/2010	2	Rink	1330	63	2/5	5	clear
4/13/2010	2	Rink	1430	63	2/5	5	clear
4/13/2010	2	Rink	1530	62	2/5	15	patchy
4/13/2010	2	Rink	1600	60	2/5	15	patchy
4/13/2010	2	Jensen	1330	64	5/8	1	clear
4/13/2010	2	Jensen	1611	67	3/5	20	clear
4/13/2010	2	Jensen	1200	60	1/3	1	clear
4/13/2010	2	Jensen	1308	65	1/3	1	clear
4/14/2010	2	Couffer / Innecken	1130	72	0/3	0	clear
4/14/2010	2	Couffer / Innecken	1200	72	0/3	0	clear
4/14/2010	2	Couffer / Innecken	1000	67	0/1	0	clear
4/14/2010	2	Couffer / Innecken	1100	68	1/4	0	clear
4/14/2010	2	Couffer / Innecken	1130	72	0/3	0	clear

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
4/14/2010	2	Couffer / Innecken	1500	70	0/4	90	overcast
4/14/2010	2	Couffer / Innecken	1600	65	2/5	90	overcast
4/14/2010	2	Couffer / Innecken	1218	74	0/3	0	clear
4/14/2010	2	Couffer / Innecken	1300	73	1/4	10	patchy
4/14/2010	2	Couffer / Innecken	1400	71	0/2	60	patchy
4/14/2010	2	Marquez / Fleitner	1000	65.6	2.1/5.2	10	patchy
4/14/2010	2	Marquez / Fleitner	1130	67.3	2.6/4.4	0	clear
4/14/2010	2	Marquez / Fleitner	1255	66.7	2.4/4.3	30	patchy
4/14/2010	2	Marquez / Fleitner	1335	68	2.6/4.6	30	patchy
4/14/2010	2	Fleitner	1420	72	2/5	80	overcast
4/14/2010	2	Fleitner	1450	70	4/6	90	overcast
4/14/2010	2	Fleitner	1520	72	4/6	80	overcast
4/14/2010	2	Fleitner	1550	69	5/9	80	overcast
4/14/2010	2	Fleitner/Marquez	1000	65	2/5	20	clear
4/14/2010	2	Fleitner/Marquez	1310	74	2/5	60	patchy
4/14/2010	2	Marquez/Fleitner	1430	69.8	2.4/4.7	80	patchy
4/14/2010	2	Marquez/Fleitner	1500	65.5	2.1/3.1	85	overcast
4/14/2010	2	Marquez/Fleitner	1530	66.1	1.6/4.1	85	overcast
4/15/2010	2	Ince	930	60	5/12	5	clear
4/15/2010	2	Ince	1130	62	3/8	5	clear
4/15/2010	2	Ince	1230	62	5/10	30	patchy
4/15/2010	2	Ince	1315	64	3/8	30	patchy
4/15/2010	2	Ince	1415	66	2/5	30	patchy
4/15/2010	2	Ince	1515	70	2/5	30	patchy
4/15/2010	2	Ince	1615	70	2/5	30	patchy
4/15/2010	2	Flietner	1215	68	8/12	30	patchy
4/15/2010	2	Flietner	1415	73	5/10	100	overcast
4/15/2010	2	Flietner	1515	71	4/6	90	overcast
4/15/2010	2	Flietner	1545	73	4/7	100	overcast
4/15/2010	2	Flietner	1615	72	3/7	100	overcast
4/15/2010	2	Faulkner	1100	64	9	0	clear
4/15/2010	2	Faulkner	1200	67	10	10	patchy
4/15/2010	2	Faulkner	1300	69	11	10	patchy
4/15/2010	2	Flietner	855	61	5/8	0	clear
4/15/2010	2	Flietner	1155	70	5/10	0	clear
4/15/2010	2	Behle	1135	68	3/4	0	clear
4/15/2010	2	Behle	1340	75	4/7	na	overcast

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
4/15/2010	2	Jensen	1130	76	3/4	1	clear
4/15/2010	2	Jensen	1345	75	4/7	1	clear
4/15/2010	2	Behle	910	63	3.9/4.4	0	clear
4/15/2010	2	Jensen	910	63	4/5	1	clear
4/15/2010	2	Behle	1545	76	1/3	na	overcast
4/16/2010	2	Gutierrez	900	68	0	5	clear
4/16/2010	2	Gutierrez	1000	74	2	0	clear
4/16/2010	2	Gutierrez	1115	78	2	0	clear
4/16/2010	2	Gutierrez	1124	78	2	0	clear
4/16/2010	2	Gutierrez	1500	78	2/7	0	clear
4/16/2010	2	Flietner	845	58	3/5	0	clear
4/16/2010	2	Flietner	905	61	4/7	0	clear
4/16/2010	2	Flietner	1415	73	7/12	0	clear
4/16/2010	2	Flietner	1515	72	8/15	0	clear
4/16/2010	2	Heath / Innecken	915	62.5	3.6/6.6	0	clear
4/16/2010	2	Heath / Innecken	1030	64.5	2.5/4.3	0	clear
4/16/2010	2	Heath / Innecken	1200	67.3	2.1/4.4	0	clear
4/16/2010	2	Heath / Innecken	1400	67	6.8/14.2	0	clear
4/16/2010	2	Heath / Innecken	1500	62	8.3/12.9	0	clear
4/17/2010	2	Jensen	930	62	1/2	25	patchy
4/17/2010	2	Jensen	1420	70	1/2.5	25	patchy
4/17/2010	2	Heath	900	64.7	6.7/9.3	100	overcast
4/17/2010	2	Heath	1000	65.6	4.5/8.7	100	overcast
4/17/2010	2	Heath	1130	70.2	4.9/7.6	100	overcast
4/17/2010	2	Heath	1330	68.2	4.8/9.0	100	overcast
4/17/2010	2	Heath	1500	70.1	2.8/5.0	100	overcast
4/17/2010	2	Couffer	1350	76	0/3	100	overcast
4/17/2010	2	Couffer	1400	76	0/3	100	overcast
4/17/2010	2	Couffer	1500	75	0/4	100	overcast
4/17/2010	2	Couffer	1600	75	0/2	100	overcast
4/18/2010	2	Heath	900	66	0/2	50	clear
4/18/2010	2	Heath	1100	68.6	3.8/4.7	10	clear
4/18/2010	2	Heath	1300	71.2	4.6/10.9	0	clear
4/18/2010	2	Heath	1500	70.2	5.5/10.6	0	clear
4/19/2010	2	Flietner	1040	66	5/8	30	patchy
4/19/2010	2	Flietner	1240	68	5/10	10	clear
4/18/2010	3	Calantas	920	66	3.2/4.8	50	patchy

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
4/18/2010	3	Calantas	1000	68.6	2.1/3.0	60	patchy
4/18/2010	3	Calantas	1100	71.3	2.4/3.8	30	clear
4/18/2010	3	Calantas	1200	72.3	3.5/5.7	20	clear
4/18/2010	3	Calantas	1300	71.2	3.0/4.2	20	clear
4/18/2010	3	Calantas	1400	73.1	2.1/3.8	0	clear
4/18/2010	3	Calantas	1500	71.3	2.3/2.3	0	clear
4/19/2010	3	Flietner	1250	75	4/7	30	patchy
4/19/2010	3	Flietner	1520	78	10/15	50	patchy
4/19/2010	3	Gutierrez / Innecken	1100	76	1/2	10	clear
4/19/2010	3	Gutierrez / Innecken	1200	74	3.7/6.6	10	clear
4/19/2010	3	Gutierrez / Innecken	1300	70	3/4.2	15	clear
4/19/2010	3	Gutierrez / Innecken	1400	78	3/4.2	40	patchy
4/19/2010	3	Gutierrez / Innecken	1510	78	3/4.2	50	patchy
4/19/2010	3	Jensen	1348	70	3/5	20	patchy
4/19/2010	3	Jensen	1540	70	2/4	20	patchy
4/19/2010	3	Jensen	1055	63	1/1	25	patchy
4/19/2010	3	Jensen	1120	na	5/8	25	patchy
4/19/2010	3	Jensen	1301	70	5/9	10	clear
4/20/2010	3	Jensen	1300	71	8/13	45	patchy
4/20/2010	3	Jensen	1345	71	15	45	patchy
4/20/2010	3	Jensen	1400	71	10/13	45	patchy
4/20/2010	3	Jensen	1415	71	8/13	45	patchy
4/20/2010	3	Flietner	945	66	5/8	40	patchy
4/20/2010	3	Flietner	1018	66	12/18	50	patchy
4/20/2010	3	Flietner	1115	68	8/12	70	patchy
4/20/2010	3	Flietner	1230	80	10/20	80	patchy
4/20/2010	3	Gutierrez	954	70	0/2	20	patchy
4/20/2010	3	Gutierrez	1155	72	2/5.7	20	patchy
4/20/2010	3	Gutierrez	1255	68	4.4/6.4	40	patchy
4/20/2010	3	Gutierrez	1455	66	5.2/13.6	40	patchy
4/20/2010	3	Gutierrez	1600	67	9.2/6.6	40	patchy
4/24/2010	3	Heath	830	60.2	3.6/4.6	0	clear
4/24/2010	3	Heath	1030	70.5	2.2/3.2	0	clear
4/24/2010	3	Heath	1130	69.8	3.5/7.1	0	clear
4/24/2010	3	Heath	1330	72.3	2.1/2.8	0	clear
4/24/2010	3	Heath	1530	70.5	8.0/11.5	0	clear
4/23/2010	3	Heath / Bergman	1000	45.7	4.0/5.5	0	clear

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
4/23/2010	3	Heath / Bergman	1100	53	2.6/4.7	0	clear
4/23/2010	3	Heath / Bergman	1200	61.5	2.7/4.9	0	clear
4/23/2010	3	Heath / Bergman	1330	59.8	3.6/7.9	0	clear
4/23/2010	3	Heath / Bergman	1430	60.8	6.5/9.8	0	clear
4/23/2010	3	Heath / Bergman	1600	54	7.5/10.9	0	clear
4/23/2010	3	Ince	1220	62	2/8	0	clear
4/23/2010	3	Ince	1320	62	2/10	0	clear
4/23/2010	3	Ince	1530	62	2/10	0	clear
4/23/2010	3	Ince	1615	62	2/8	0	clear
4/24/2010	3	Flietner	915	66	0/2	0	clear
4/24/2010	3	Flietner	1005	72	0/2	0	clear
4/24/2010	3	Flietner	1030	69	4/7	0	clear
4/24/2010	3	Flietner	1600	73	4/7	0	clear
4/25/2010	3	Heath / Bergman	830	72.5	1.5/2.1	0	clear
4/25/2010	3	Heath / Bergman	1100	77	1.2/3.8	0	clear
4/25/2010	3	Heath / Bergman	1300	73.1	1.2/4.4	0	clear
4/25/2010	3	Heath / Bergman	1500	72.3	1.8/3.1	0	clear
4/26/2010	3	Ince	900	68	0/5	5	clear
4/26/2010	3	Ince	1000	70	0/5	5	clear
4/26/2010	3	Ince	1100	76	0/5	5	clear
4/26/2010	3	Ince	1200	76	0/5	0	clear
4/26/2010	3	Ince	1500	77	1/5	0	clear
4/26/2010	3	Flietner	900	65	0-2	10	clear
4/26/2010	3	Flietner	1415	77	0/3	20	clear
4/26/2010	3	Behle	852	72	0/1	10	clear
4/26/2010	3	Behle	1120	74	3/7	10	clear
4/26/2010	3	Behle	1145	77	2/7	15	clear
4/26/2010	3	Behle	1510	84	2/7	5	clear
4/26/2010	3	Gutierrez	930	76	0/2	2	clear
4/26/2010	3	Gutierrez	1130	79	1.5/5	2	clear
4/26/2010	3	Gutierrez	1230	80	1.5/5	2	clear
4/26/2010	3	Gutierrez	1430	80	0/1	2	clear
4/26/2010	3	Gutierrez	1630	79	1,5/5	2	clear
4/26/2010	4	LaCoste/Fisher	900	68	2/4	5	clear
4/26/2010	4	LaCoste/Fisher	1400	80	2/4	5	clear
4/26/2010	4	LaCoste/Fisher	1530	71	4/8	5	clear
4/26/2010	4	Rink	930	65	2-3/5	5	patchy

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
4/26/2010	4	Rink	1040	70	2-3/5	5	patchy
4/26/2010	4	Rink	1130	70	3-5/6	5	patchy
4/26/2010	4	Rink	1230	68	3-5/6	5	patchy
4/26/2010	4	Rink	1328	70	2-3/5	5	patchy
4/26/2010	4	Rink	1440	69	1-2/3	5	patchy
4/26/2010	4	Rink	1530	69	1-2/3	5	patchy
4/27/2010	4	Flietner	1225	74	5/9	10	clear
4/27/2010	4	Flietner	1500	74	7/12	25	patchy
4/27/2010	4	Flietner	1545	74	10/15	25	patchy
4/27/2010	4	Flietner	845	65	3/6	10	clear
4/27/2010	4	Flietner	1100	72	7/10	10	clear
4/27/2010	4	Flietner	1210	74	5/8	10	clear
4/27/2010	4	Gutierrez	900	66	2.1/5	2	clear
4/27/2010	4	Gutierrez	1000	72	1.2/3	5	clear
4/27/2010	4	Gutierrez	1100	74	4.2/9	5	clear
4/27/2010	4	Gutierrez	1200	74	1.8/6.9	10	clear
4/27/2010	4	Gutierrez	1300	74	4/7.2	15	clear
4/27/2010	4	Gutierrez	1400	74	5.1/10.1	40	patchy
4/27/2010	4	Gutierrez	1440	71	4.5/9	40	patchy
4/27/2010	4	Behle	1030	71	2/7	0	clear
4/27/2010	4	Behle	1500	77	11/15	10	clear
4/27/2010	4	Ince	930	71	2/7	0	clear
4/27/2010	4	Ince	1030	74	na	na	na
4/27/2010	4	Ince	1230	na	12	na	na
4/27/2010	4	Ince	1330	na	na	na	na
4/27/2010	4	Ince	1500	77	11/15	0	clear
5/1/2010	4	Heath	800	58.9	2.3/5.1	0	clear
5/1/2010	4	Heath	1150	63.2	2.1/6.8	0	clear
5/1/2010	4	Heath	1400	62.3	6.1/9.8	0	clear
5/1/2010	4	Heath	1600	62.8	4.7/8.7	0	clear
5/2/2010	4	Heath	1030	61.5	1.1/2.8	0	clear
5/2/2010	4	Heath	1230	65.1	2.1/2.8	0	clear
5/2/2010	4	Heath	1430	68.8	2.1/4 0		clear
5/2/2010	4	Heath	1630	69.8	2.1/4.5 0		clear
5/3/2010	4	Gutierrez	900	67	.7/3.4	0	clear
5/3/2010	4	Gutierrez	1300	70	5.5/12.6	0	clear
5/3/2010	4	Gutierrez	1100	72	1.3/5.7	0	clear

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
5/3/2010	4	Gutierrez	1200	72	0/1.7	0	clear
5/3/2010	4	Gutierrez	1300	72	1/5	0	clear
5/3/2010	4	Gutierrez	1400	72	1/5	0	clear
5/3/2010	4	Gutierrez	1530	72	1/5	0	clear
5/3/2010	4	Rink	845	61	2/5	0	clear
5/3/2010	4	Rink	922	63	10-12/19	0	clear
5/3/2010	4	Rink	1030	67	10-12/13	0	clear
5/3/2010	4	Rink	1130	65	10-12/13	0	clear
5/3/2010	4	Rink	1230	67	8-10/12	0	clear
5/3/2010	4	Rink	1309	72	10-12/14	0	clear
5/3/2010	4	Rink	1430	70	8-10/12	0	clear
5/3/2010	4	Rink	1545	70	6/8	0	clear
5/3/2010	4	LaCoste	845	60	5/9	0	clear
5/3/2010	4	LaCoste	1030	67	7/10	0	clear
5/3/2010	4	LaCoste	1130	64	5/5	0	clear
5/3/2010	4	LaCoste	1200	69	3/7	0	clear
5/3/2010	4	Behle	855	64 1/5		0	clear
5/3/2010	4	Behle	950	67	2/7	0	clear
5/3/2010	4	Behle	1025	70	3/7	0	clear
5/3/2010	4	Behle	1415	76	1/6	0	clear
5/3/2010	4	Behle	1430	84	0/1	0	clear
5/3/2010	4	Behle	1550	80	1/3	0	clear
5/4/2010	4	Rink	845	64	2/5	0	clear
5/4/2010	4	Rink	1030	70	3/6	0	clear
5/4/2010	4	Rink	1130	72	5/9	0	clear
5/4/2010	4	Rink	1230	74	5/10	0	clear
5/4/2010	4	Rink	1300	78	3/7	0	clear
5/4/2010	4	Rink	1400	80	8/12	0	clear
5/4/2010	4	Rink	1515	80	8/12	0	clear
5/5/2010	4	Rink	830	72	10/15	0	clear
5/5/2010	4	Rink	930	69	10/17	0	clear
5/5/2010	4	Rink	1030	69	10/19	0	clear
5/5/2010	4	Rink	1130	70	12/18	0	clear
5/5/2010	4	Rink	1230	71	10/17	0	clear
5/5/2010	4	Rink	1330	70	10/19	0	clear
5/6/2010	4	Gutierrez / Krantz	945	74	0/3	0	clear
5/6/2010	4	Gutierrez / Krantz	1045	76	0/5	0	clear

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
5/6/2010	4	Gutierrez / Krantz	1245	76	1/5	0	clear
5/6/2010	4	Gutierrez / Krantz	1430	76	1.5/10	0	clear
5/6/2010	5	Gutierrez / Krantz	1450	75	4/10	0	clear
5/6/2010	5	Gutierrez / Krantz	1630	73	4/10	0	clear
5/7/2010	5	Hendricks	950	67.7	1/5	0	clear
5/7/2010	5	Hendricks	1035	68.3	2/4	0	clear
5/7/2010	5	Hendricks	1155	78.7	1/6	0	clear
5/7/2010	5	Hendricks	1255	80.6	2/9	0	clear
5/7/2010	5	Hendricks	1405	79.5	1/4	0	clear
5/7/2010	5	Hendricks	1499	73.1	0/8	0	clear
5/7/2010	5	Hendricks	1612	78.7	3/7	0	clear
5/7/2010	5	Heath	830	63.2	1.8/3	0	clear
5/7/2010	5	Heath	930	69.3	1.2/2.4	0	clear
5/7/2010	5	Heath	1200	69.9	3.6/5.3	0	clear
5/7/2010	5	Heath	1500	74	1.6/4.9	0	clear
5/7/2010	5	Heath	1600	73.2	2.3/5.7	0	clear
5/14/2010	5	Gutierrez	900	68	2/8	0	clear
5/14/2010	5	Gutierrez	1000	71	2/7	0	clear
5/14/2010	5	Gutierrez	1100	74	5/10	2	clear
5/14/2010	5	Gutierrez	1200	76	3/6	2	clear
5/14/2010	5	Gutierrez	1300	78	3/6	2	clear
5/14/2010	5	Gutierrez	1400	78	2/7	10	clear
5/14/2010	5	Gutierrez	1600	78	2/6	20	clear
5/14/2010	5	Rink / Krantz	845	71	1/2	0	clear
5/14/2010	5	Rink / Krantz	1005	73	1/2	0	clear
5/14/2010	5	Rink / Krantz	1100	75	1/3	0	clear
5/14/2010	5	Rink / Krantz	1230	70	3/5	0	clear
5/14/2010	5	Rink / Krantz	1500	71	5/7	0	clear
5/14/2010	5	Ince	850	68	0/5	0	clear
5/14/2010	5	Ince	1000	70	0/5	0	clear
5/14/2010	5	Ince	1100	72	0/5	0	clear
5/14/2010	5	Ince	1230	76	0/5	0	clear
5/14/2010	5	Ince	1400	77	0/5	0	clear
5/16/2010	5	Gutierrez / Krantz	845	75	1/6	0	clear
5/16/2010	5	Gutierrez / Krantz	1000	76	2/10	0	clear
5/16/2010	5	Gutierrez / Krantz	1030	76	2/10	0	clear
5/8/2010	5	Heath	900	68	2.1/3.9	0	clear

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
5/8/2010	5	Heath	1030	72	3.9/5.6	0	clear
5/8/2010	5	Heath	1230	74	2.5/7	0	clear
5/8/2010	5	Heath	1400	73	3.2/6.7	0	clear
5/8/2010	5	Heath	1530	75	5.5/13.1	0	clear
5/8/2010	5	Hendricks	845	64	9/12	0	clear
5/8/2010	5	Hendricks	950	75	2/5	0	clear
5/8/2010	5	Hendricks	1050	73	5/12	0	clear
5/8/2010	5	Hendricks	1150	73	7/14	0	clear
5/8/2010	5	Hendricks	1430	74	5/9	0	clear
5/8/2010	5	Hendricks	1530	72	5/10	0	clear
5/8/2010	5	Hendricks	1615	71	5/8	0	clear
5/12/2010	5	Gutierrez	840	64	0	0	clear
5/12/2010	5	Gutierrez	940	68	0/1	0	clear
5/12/2010	5	Gutierrez	1040	70	0/3	0	clear
5/12/2010	5	Gutierrez	1240	74	1/6	0	clear
5/12/2010	5	Gutierrez	1340	75	1/8	2	clear
5/12/2010	5	Gutierrez	1440	75	2/8	2	clear
5/12/2010	5	Gutierrez	1600	71	4/12	5	clear
5/12/2010	5	Ince	830	63	0/2	0	clear
5/12/2010	5	Ince	930	64	0/2	0	clear
5/12/2010	5	Ince	1130	72	0/2	0	clear
5/12/2010	5	Ince	1330	77	2/5	0	clear
5/12/2010	5	Ince	1400	78	2/5	0	clear
5/12/2010	5	LaCoste	845	60	2/4	0	clear
5/12/2010	5	LaCoste	1045	65	4/8	0	clear
5/12/2010	5	LaCoste	1100	63	4/8	0	clear
5/12/2010	5	LaCoste	1300	65	4/8	0	clear
5/12/2010	5	Behle	850	60	0/1	0	clear
5/12/2010	5	Behle	1500	76	6/9	10	clear
5/13/2010	5	Powell	835	71	2/4	0	clear
5/13/2010	5	Powell	1045	70	4/5	0	clear
5/13/2010	5	Powell	1120	78	3/6	0	clear
5/13/2010	5	Powell	1140	75	6/8	0	clear
5/13/2010	5	Powell	1330	77	4/5	0	clear
5/13/2010	5	Powell	1600	70	6/7	0	clear
5/13/2010	5	Couffer	848	75	0/2	0	clear
5/13/2010	5	Couffer	900	75	0/3	0	clear

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
5/13/2010	5	Couffer	1000	75	0/4	0	clear
5/13/2010	5	Couffer	1100	74	0/7	0	clear
5/13/2010	5	Couffer	1200	71	2/6	0	clear
5/13/2010	5	Couffer	1300	73	2/7	0	clear
5/13/2010	5	Couffer	1400	81	0/2	20	clear
5/13/2010	5	Couffer	1500	73	0	20	patchy
5/13/2010	5	Couffer	1600	72	4/7	30	patchy
5/14/2010	6	Hendricks	855	65	4/8	0	clear
5/14/2010	6	Hendricks	1040	79	2/3	0	clear
5/14/2010	6	Hendricks	1145	82	4/6	0	clear
5/14/2010	6	Hendricks	1255	77	2/4	5	clear
5/14/2010	6	Hendricks	1400	76	4/5	8	clear
5/14/2010	6	Hendricks	1510	79	1/13	20	patchy
5/14/2010	6	Hendricks	1540	77	1/2	10	clear
5/14/2010	6	Behle	900	70	5/11	0	clear
5/14/2010	6	Behle	1320	73	4/9	5	clear
5/14/2010	6	Behle	1320	73	1/8	5	clear
5/14/2010	6	Behle	1530	74	1/6	20	patchy
5/16/2010	6	Hendricks / Anguiano	900	72	2/3	0	clear
5/16/2010	6	Hendricks / Anguiano	1050	77	1/2	0	clear
5/16/2010	6	Hendricks / Anguiano	1150	81	2/5	0	clear
5/16/2010	6	Hendricks / Anguiano	1310	85	2/5	0	clear
5/16/2010	6	Hendricks / Anguiano	1400	83	2/3	0	clear
5/16/2010	6	Hendricks / Anguiano	1555	82	2/4	0	clear
5/16/2010	6	Gutierrez / Krantz	1030	78	2/10	0	clear
5/16/2010	6	Gutierrez / Krantz	1230	78	4/12	0	clear
5/16/2010	6	Gutierrez / Krantz	1330	78	4/14	0	clear
5/16/2010	6	Gutierrez / Krantz	1430	78	4/10	2	clear
5/16/2010	6	Couffer	845	76	0/3	0	clear
5/16/2010	6	Couffer	900	76	0/4	0	clear
5/16/2010	6	Couffer	1000	76	3/7	0	clear
5/16/2010	6	Couffer	1100	76	5/13	0	clear
5/16/2010	6	Couffer	1200	79	2/7	0	clear
5/16/2010	6	Couffer	1300	80	2/8	0	clear
5/16/2010	6	Couffer	1400	79	1/6	0	clear
5/16/2010	6	Couffer	1500	80	1/5	0	clear
5/16/2010	6	Couffer	1600	81	1/3	0	clear

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
5/16/2010	6	Couffer	1620	76	2/7	0	clear
5/17/2010	6	LaCoste	1040	64	5/7	100	overcast
5/17/2010	6	LaCoste	1230	68	3/6	100	overcast
5/17/2010	6	LaCoste	1330	63	5/10	60	overcast
5/17/2010	6	LaCoste	1345	64	7/12	70	overcast
5/17/2010	6	Rink	1100	64	8/10	100	overcast
5/17/2010	6	Gutierrez	1100	62	8/10	100	overcast
5/17/2010	6	Gutierrez	1314	65	8/15	100	overcast
5/17/2010	6	Heath	1000	60	2.5/5	100	overcast
5/17/2010	6	Heath	1100	65	2.3/5	100	overcast
5/17/2010	6	Heath	1200	62	4/9	100	overcast
5/17/2010	6	Heath	1300	62	4/10	100	overcast
5/20/2010	6	Couffer	1325	84	0/4	0	clear
5/20/2010	6	Couffer	1400	80	0/5	0	clear
5/20/2010	6	Couffer	1500	79	2/6	0	clear
5/20/2010	6	Couffer	1600	82	1/4	0	clear
5/19/2010	6	Powell	1350	78	7/10	0	clear
5/19/2010	6	Powell	1515	78	5/7	5	clear
5/19/2010	6	Powell	1615	73	6/9	5	clear
5/19/2010	6	Rink	830	70	2/3	0	clear
5/19/2010	6	Rink	1100	72	5/7	0	clear
5/19/2010	6	Rink	1330	73	5/7	0	clear
5/19/2010	6	Rink	1545	73	8/10	0	clear
5/19/2010	6	Heath	845	62	1/3	0	clear
5/19/2010	6	Heath	1000	67	2/5	0	clear
5/19/2010	6	Heath	1130	72	3/5	0	clear
5/19/2010	6	Heath	1300	74	2/4	0	clear
5/19/2010	6	Heath	1530	73	2.7/3	0	clear
5/19/2010	6	Gutierrez	845	61	2/3	0	clear
5/19/2010	6	Gutierrez	1000	74	1/3	0	clear
5/19/2010	6	Gutierrez	1200	78	1/6	0	clear
5/19/2010	6	Gutierrez	1400	78	1/6	0	clear
5/19/2010	6	Gutierrez	1500	78	1/6	0	clear
5/19/2010	6	Gutierrez	1600	78	3/6	2	clear
5/19/2010	6	Behle	955	71	1/2	0	clear
5/19/2010	6	Behle	1505	66	1/6	0	clear
5/19/2010	6	Behle	840	65	1/2	0	clear

Date	Survey Week	Personnel	Time	Temperature (°F)	Wind Speed Average/ Maximum (mph)	Cloud Cover (%)	General Sky Condition
5/19/2010	6	Behle	945	71	1/2	0	clear
5/19/2010	6	LaCoste	850	71	1/2	0	clear
5/19/2010	6	LaCoste	1100	78	2/5	0	clear
5/19/2010	6	LaCoste	1200	80	3/7	0	clear
5/20/2010	6	Powell	830	68	8/10	0	clear
5/20/2010	6	Powell	1015	73	9/12	0	clear
5/20/2010	6	Powell	1040	74	10/12	0	clear
5/20/2010	6	Powell	1145	73	8/14	0	clear
5/20/2010	6	Powell	1245	79	6/8	0	clear
5/20/2010	6	Couffer	1345	77	5/8	0	clear
5/20/2010	6	Couffer	1400	77	3/9	0	clear
5/20/2010	6	Couffer	1500	76	3/6	0	clear

APPENDIX B FIELD DATA SHEETS

					ata Sheet			_	-)
Recorder:	Steve	2. Riule	Add'F	Person:- <u>-</u>	IMMY A	MYORRA	Date:	3/29	<u>/10</u>
Project:	Compo	wind Energ	y Project	_ Map #: _	9				
GPS Unit :	SM	14			QCB Prote	col Survey #		of	<u> 5 </u>
	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky	-	
START	11:00	73.5	1-2 mpin	<u>aox</u>	dear	3-2-	overcast	drizzle	shower
	12.00	80.0	1-2	<u>20%</u>	dear		overcast	o rizzle	shower
	13:00	79.5	7 6	90%	clear	~ ~~	overcast	duzzie	shower
	14:08	77.0	7-9	407.	clear		overcast	drizzle	shower
· -	10.00	76.0	/ - /	<i>30</i> \	ctear		overcast	drizzte	shower
	<u>.</u>		_		clead		overcast	drizzte	shower
END Dahilat On	oito (oirelei	المستحد المستحد	Pillana didana	ماريم بامكم	clear	palchy	overeast.)	drizzle	shower
nabilat Oil	-site (Circle)	<u></u>	hilltops, ridges	, rock oute	iops) soli cii	usis, clay sons		vanous ne	
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUMB	ER OF QCB DETE	ECTED: NDIVIDUALS

Page 2 of 2

Recorder:	41	R STEVE	. R. Add'l	Person:			Date:	3/30	lu_
Project: _			/ Project			5	_ Survey Sx	m:	MANZ-I
	Garmi					col Survey #	<u>i</u>	of	<u>5</u> ,
TIME (24-hour)	Тетр (F°):	Wind (avg/max)	% cc	L		Sky		
START	1200	70 70	14	10%	ctear	patchy	overcast	drizzie	shower
	1300	70	13.7	107.	cjesi	patchy	overcast	drizzle	shower
	1400	59	14.5	107.	clear		overcast	drizzle	shower
	1500	69.	14-7	10 X	clear	patchy	overcast	drizzle	shower
	1 -	'			clear	patchy	overcast	drizzie	shower
				1	clear	patchy	overcast	drizzle	shower
END					clear	patchy	_oversast_	drizzle	snower
	-site (circle)	open soils.	hilitops, ridge	s, rock outc				various ne	ectar sources
		Butterfly	Species	<u>.</u> .			Tally		Total
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MAP/GPS LABEL	PQINT/POLYGQN TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL-WILDLIFE LIST)
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TOTAL NUMB	ER OF QCB DET	ECTED: NIDIVIDUALS

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	W(ηV) Z Campo	⁄ V ind Energ	y Project	Map #:	2	<u></u>	_ Survey Sx	n: <u>MAN</u>	<u> 2-D</u>
		w 4			QCB Protocol				
TIME (24-hour)	Temp (F°):	Wind (avg/max)	%cc	1.50		Sky		·
START	237	74*		. 10%	. (Sear)	patchy	overcast	drizzle	shower
	1300	73*	6/14	10%	clear>	patchy	overcast	drizzle	shower
	1480	73	8/14	5%	clear>	patchy	overcast	drizzle	shower
	0.50	ota in the			clear	patchy	overcast	drizzie	shower
					clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzie	shower
END	500	74.	8/13	5%	Clear	patchy	overcast	dri <u>zzle</u>	shower
abitat Or	-site (circle)	open soils	tillops ridge:	s, rock outer	ope, soil crusts	, clay soil	s, old roads,	various ne	ctar sources
		Butterf	y Species		1.2.1		Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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Recorder:_	Antone	He Go	∱or€2 Add'I	Person:	None		Date:	a Agr	10
	مستقلة ا	n	y Project						
GPS Unit :	- 7				QCB Proto	coi Survey #		of	5
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC		· · · · · · · · · · · · · · · · · · ·	Sky		
START	1200	61.9	(avg/max) 25 / 8 4	5	clear) patchy	overcast	drizzle	shower
	1300	70.7	14 125	3	(clean	patchy	overcast	drizzle	shower
		75,2	1.010.5	2	clear	patchy	overcast	drizzle	shower
	1500	25.2	25173	· · · ·	clear	patchy	overcast	drizzle	shower
<u> </u>	1600	75.2	15/3.3	10	clear	palchy	overcast		
		-		<u>-</u>	ctear	paichy	overcast	drizzle	shower
END '	1630	70.5	1:512,3	770	(dear		overcast	drizzle	
Habitat On	-site (circle)	open soils	hilltops ridges	rock outo	rops, soil cru	sts, clay soil	ls, old roads	, várious ne	ctar source
		Butterfl	y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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Project: Man						Survey Sx	/>	
GPS Unit :								5 .
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START 1115	65.8	3.015.1	ව	otea	patchy	overcast	drizzie	shower
1200	14.3	1.51 12.8	. (2)	AG	palchy	overcast	drizzle	shower
1300	65.3	7.7 jc 4		Clear	patchy	overcast	G rizzle	shower
1400		5.681		Cdear	patchy	overcasi	dnzztę	shower
1530	690	4.0 18.2	/2/	clear	patchy	overcasi	drizztę	Shover
1030	964	42185	0	ctear) patchy	overcasi	drizzle	shower
END		Cilian Area				overeast.	drizz ie —	
Habitat On-site (circle)	open sons,	(unitoba, iloges	s, Jock outc	gosps, solicr	usts, clay soil	s, old roads.	various ne	ctar sources
	Butterfi	y Species				Tally	,,	Total
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Antonette Gotromez 4/06/10 msy-G

MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
AGBII	Jackrolib, t	along vorced
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		Plan Falagrapho muros
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46NL1	Wooden trues series	
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N6561	Sage sparrows	- SASP Prin ocks and bookulla
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	BER OF QCB DE	TECTED: (7) INDIVIDUALS

Recorder:_	ERIK	LACONE	A <b>dd</b> 'i	Person:	4		Date:	3/29/	(10
Project:	Gampe Charea	.രഷം <u>Wind Energ</u>	y Project	Map #: _	10 + 1	12	_ Survey Sx	m	
GPS Unit :	3		٠.		QCB Proto	col Survey #	_/	of	. <u>5</u> .
TIME (2	4-hour)	Temp (F°):	Wind	% CC	· · · · · ·		Sky	······································	· ·
START	095	67	1.0/ 3.0	<del></del>	(Clear)	patchy	overcast	drizzle	shower
<u> </u>	1200	79	20/5.91	/5				drizzle	shower
		75	6 .		Clear		overcast		
	<u> 2:00</u>	13	6.0/9.0	30	!		overcast	drizzle	shower
			:		clear		overcast	drizzle	shower
	/				clear		overcast	drizzle	-spower
	. 1		· · · · · ·	·	clear	<u> </u>	overcast	drizzlę	shower
END	4:00	72			Clear		overcast	drizzle	shower
Habitat On	-site (circle)	open sols	filltops, ridges	rock outc	rops ₎ soil cru	ısts, clay soil	s, <u>(old road</u> s,	, various ne	ctar sources
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			y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
ELHL01	Point	S.D. HORNED LIZARD.
ELNL01	Point	8.D. WOODPA MIDDEN
		Plagnobothy &
		Crodium Sp.
		Lasthenia Cul Pornica
		Carnonissonia SP.
		Coiycoseris parryii
		Layra GlandulosA
•		Baly bue eyes.
		Amsinkis menziciii
		Cryptuntha SP.
· ···	111	Carlanthus heterophyllus
		Escholzia Californica
		ARABIL SP.
		Phacelia SP.
EL NLO2	Point	So woodrat
ELNU03	Point	SD. crosdocto
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Recorder:	Mine	COUFFER	Add'l حـع	Person:		<u> </u>	Date:	2 APR	1 <u>1,2010</u>
Project:	MAREAN Campo	Wind Energ	y Project	Map #: <u>_</u>	YILEG				
			<u>, Сърмін S</u>						
T(ME (24-hour) Temp (F*): (avg/max) % CC Sky									<u> </u>
START	1200	59	Ø->3 min	CLEND	clear	patchy	overcast	drizzle	shower
	1300	68	6-23 MPH	CLEAR	cear		overcast	drizzle drizzle	
	1400		9->2 mPH		Clear	<del>,                                     </del>	overcasi	drizzte	shower
	1500		Ø-3meH		clear		overcast	drizzle	shower
~,	1600	65	3->6 m/H		clear	ξ			_ shower
	<u></u>				clear		overcast	drizzle	shower
END	1610	64°F	3->6 MPH	CLEAR.	clear	J		drizzle	shower
	-site (circle)	: open soils)	filliops/ridges	Krock outco	ons) soil cri	patchy usts_clay.sc	overcast nils (old roads)	drizzle Warionia nad	shower
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	<del>-</del> /		y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
MCLAOI	POINT	(W65 84) 115 0561552, 3623499
MCGBOL	Point	SINGLE FRESH ADULT
MCLA02	POINT	SINGLE INDIDIOUAL
MCLA03	POINT	SIX INDIVIDUALS IN CLOSE ASSOCIATION
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 1 of 2

Recorder:	Wike	COUFFEE	2 Add'!	Person:			Date:	<u>.3 AP21</u>	<u>4 2010</u>
Project:	Campo	Wind Energy	y Project	Map #: _	MARS	11.5 6	Survey 5:	kn: <u>MAN</u> ?	T ATIMES
GPS Unit :	_ GARLY	<u> ชี้ห 5 </u>			QCB Prot	ocol Survey#		of	5
TIPAE /2	4-hour)	Temp (F*):	Wind	, ac		<u> </u>			
START	1030	63	<u>(avg/max)</u> 공-> 구	% CC	يتسهد أ		Sky	<del></del>	
3744:	(100	63	9+13	CLEAR	Cles		overcast	drizzle	shower
	1500	73	3 > 7	CLEAZ_	्टॉहर्ड	<del></del> , .	_overcast	drizzle	shower
	1300	66	Ø->4	CLEAR	Clea	<del></del>	overcast	drizzte	shower
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Habitat On	-site (circle)	ropen sous,	niitopsyriages	i Leck onto	ops soil cr	usts, clay sox	old roads	Various ne	ctar sources
		Butterfly	Species			_	Taily		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
MCLAOI	POINT	(WOS 84) 115 0561552, 3623499
MCQBOI	Point	SINGLE FRESH ADULT
MCLA02	POINT	SINGUE INODICODAL
MCLA03	POINT	Six INDIVIOUALS IN CLOSE ASSOCIATION
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TOTAL NUMBER OF QCB DETECTED: 1 INDIVIDUALS

Recorder:_	Mike	COUFFER	ا'Add <u></u>	Person:	_ø	······································	Date:	<u> 3 คะเ้เ</u>	, 2010	
Project:	- <del>Compo</del>	Mind Energ	ø y Project	_ Map #: _	MAPS	TILE & Survey Sxn: MANTANITE			T ATUMP	
	GARA	-				ocol Survey#				
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% _, cc		<u> </u>	Sky			
START	1030	63	3->7	CLEAR	ंlea	patchy	overcast	drizzle	shower	
	(100	<u>63</u>	9->13	CL€A(2_	েভর	patchy	overcast	drizzle	shower	
	1200	73	3 > 7	CLEAZ	Çlea	patchy	overcast	drizzle	shower	
	_1300	66	B->4	CLEAC	<b>C193</b>	patchy	overcast	drizzle	shower	
	<u> 1400 .</u>	63	5-21/	CLEAR	Clea	patchy	overcast	<u> </u>	shower	
	15 co	60	8->13	LLEAR	Clear	patchy	overcast	drizzlę	shower	
END		<u></u>			¢lear	patchy	ov <u>erdas</u> t	drizzle	shower.	
Habitat On	-site (circle)	ropen spile.	hilltops/fidges	reck outer	ops, soil cr	usts, clay soit	s, old roads	various ne	ctar sources )	
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			/ Species				Talify		Total	
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Recorder: Bonnie HOKTIC Sadd'i Person: 10	one Date: 4/3/16	0
Project: Mal Campo Wind Energy Project Map #:	6 Survey Sxn: Man Z	-M
GPS Unit: Galmin 2	QCB Protocol Survey # of	5 .
TIME (24-hour) Temp (F°): (avg/max) % CC	Sky	···
START 11:00 5% 11/18 0	1	shower
1000166 7771 0	A A A A A A A A A A A A A A A A A A A	shower
		shower
3:00 64° 4/8 2%	1	shower
	clear patchy overcast drizzte	shower
<del>  42</del> / <del>22</del>		shower
Habitat On-site (circle) Open soils, hilltops (idges) rock outcr		shower far cources
Habitat Off-site (circle) copen soils, filliops, diges rock outco	ops, son crusts, clay sons, old roads, various rec	
Butterfly Species	Tally	Total
Perolexing hairstreak	Man	11
		3
Sarah s'Orangelip		2
White sp.		<u> </u>
Dusking		! !
California Thinglot		2
Brown FILM	11	] [
topologica to 1 1 R/V	1/	2
Willer Tailed Diag		i
- Sphinx Mith		· ·
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Lady Sp.		2
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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	F7-2	Cattle
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		Ne dar Somes: Plagio Bothry of.
	2 to 1 to 1	Colla sp., Ceanottis greggii, arct
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TOTAL NUM	BER OF OCB DE	TECTED: O INDIVIDUALS

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Recorder:	Recorder: MIKE COURTER DANG! Person: ERIN BERUMAN Date: 4 APRIL, 2010									
Project:	Manzan	ita Wind Epe	ergy Project	_ Map#			Survey	Survey Sxn: <u>MAN</u>		
GP\$ Unit :	7			<del></del>	QCB Proto	col Survey#	1_	of	5 .	
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky			
START	1100	_ @O	5 % 12 MPH	CLEARL	clear	patchy	overcast	drizzle	shower	
	1500	58	8-> 17ma	CLE AR	çlear	) patchy	overcast	drizzle	shower	
					çlear	patchy	overcast	drizzte	shower	
					clear	patchy	overcast	drizzte	shower	
					clear	patchy	overcast	drizzle	shower	
		···· · · · · · · · · · · · · · · · · ·			clear	patchy	overcast	drizzle	shower	
END	:				clear	patchy	overcast	drizzle	shower	
Habitat On	-site (circle)	open soils	filltops (idges	rock outer	ops) soil cru	ists, clay soils	old roads	, various ne Y€໙火 (≀r	ctar sources RE NECTAZ	
		Butterfly	y Species				Tally		Total	
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: 0 INDIVIDUALS

Page ____ of _____

Recorder:_	MIKE	COUFFEL	Add'	l Person:	None		Date:	6 Apri	1,2010
Project:	Campo	Wind Energ	y Project	Map #: _	6		Survey Sx	n: <u>// A // /</u> :n:	12-L
GPS Unit :		5		· .	QCB Protoco	l Survey #		of	5
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky	,	
START	1000	60	_3-8	CLEAR	clear	patchy	overcast	drizzle	shower
	1100	<i>5</i> 5	4-10	CLEAZ	clear	palchy	overcast	drizzie	shower
	1200	57	4-10	CLEAR	clear	patchy	overcasi	drizzle	
				1	clear	patchy			Shower
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		·· —		<del>                                     </del>	dear	patchy	overcast	drizzie	shower
END				<del> </del>	clear	patchy	overcast	drizzie	shower
	-site (circle)	l	hilltone ridge	e rank auto	clear	patchy	overcast	drizzle	shower
riabitat On	-site (Circio)	. open sons,	nanops, nage	S, TOCK GUICE	ops, soil crusts	s, clay solis	s, old roads,	various ne	ctar sources
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)								
MCEP 1	EXCLUDED POLYGON	Dense Chaparal								
PREPZ	Exclused Portrom	te tr								
MCEP3	11 11	DENSE CHAPARRAL, STEEP SLOPE, DAKS								
MCEP4	K 11	OAK								
MCEP5	14 33	DENSE CHAPARRAL								
MCEP6	tt p	11 11								
MCEP7	1 ( )	DENSE CHAPARRAL + OAK								
WCEP8	W . "	DENSE CHAPARRAL.								
MCEP 9	St 11	\$\$ \$ {								
MCLROY	Hornes LAZKU									
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	Recorder:	M. Heat	Ĺ	Add'i i	Person:	Ø		Date:	4/6/16	
	Project:	May	Mind Energ	Add'i I	Man #	6 D \$	₩.	Survey S	on: D	•
			<u>ianin muend</u>							
	GP\$ Unit :	# 1				QCB Prote	ocol Surve	y <b>#</b> _[	of	5
ĺ	TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
	START	10:00	49.9	6.8/10.5	0	Clear	patch)	y overcast	drizzle	shower
		1600	50.2	9.5/14.8	0	clea	) patchy	/ overcast	dńzzie	shower
-	>	12:00	60.2	8.7/15.3	Ö	ckea	r patchy	/ overcast	drizzle	shower
		13195	61.3	4.4/6.7	0	clea		overcast	drizzle	shower
		15:00	55.5	9.1/13.6	0	chea	r patchy	overcast	dńzzle	shower
			:			c!ea	r patchy	overcast	dńzzie	shower
į	END					clea			dozzie	
	Habitat On	-site (circle)	open soils	hilitops, ridges	, fock outc	robs, soil cr	usts, clay s	soils, old roads	various nec	tar sources
			Butterf	y Species				Tally		Total
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A flowering COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ MAP/GPS LABEL POINT/POLYGON TYPE SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST) <u>ceaustius</u> MHCHOS Possible Host Plent - 2"-4" almost to flower TOTAL NUMBER OF QCB DETECTED: ______ **INDIVIDUALS** 

Recorder:_	Dale	Facuell	Add'l	Person:	Erm. Ber	pm 8.1-7	Date:	4/6]	1 <u>0</u>
Project:	Manzan	ita Wind Ene	ergy Project	_ Мар	#:	<u>'</u>	Survey	Sxn:	<del>                                      </del>
GPS Unit :		2		-	_ QCB Proto	col Survey #	<u> </u>	of	<u> </u>
	4-hour)	Temp (F°):	Wind (avg/max)	% <u>c</u> c	<u></u>		Sky		
START	<u> </u>	57	5/7		Clear	~ <del>~~~</del>	overcast	drizzte	shower
	14.30	970	51 <i>-t</i>		clear	palchy	overcast	drizzte	shower
	_15::>0_	(3)	+1,7-		<u>Cléar</u>	2 palginy	overcast	drizziei	shower
	16:67	613	37		clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzie	shower
					clear	palchy	overcast	drizzie	shower
END					clear	palchy	overcast	drizzle	shower
Habitat On	-site (circle)	open soils	hilltops, ridges	orock out	rops, soil cru	sts, clay soil	s, old roads	√Silons ue	ctar sources
****		Butterfly	/ Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)				
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TOTAL NUM	BER OF QCB DE	TECTED: O INDIVIDUALS				

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			Quino Checi					1100 m	1300	
December:	K.B.	 	Add'l F y Project	Orcon:	Erm 2		Milia de son	Data	14 İ (a. İ	Lin
Recorder_	Mai/	17	A00 i F	reison	er i	<u>,                                     </u>	Jana	Date	116	<del>-</del>
Project:	oomsS.	Wind Energ	y Project	_ Map #:	<u>, 4</u>	<u>\</u>		Survey Sx	m: <del>-Mtav</del>	5-E
GPS Unit :	<u>क</u> 1				QCB Pro	toco	ol Survey#	}	of	<u>5</u>
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% cc				Sky		
START					cle	ar	palchy	overcast	drizzle	shower
1120		10 L	2/38	<u> </u>		<u> </u>	patchy	overcast	drizzle	shower
1220	<del></del>	42	2 (8	<u> </u>		ar.	patchy	overcasi	drizzte	shower
(400		61	3/10	<u> </u>		Ď.	patchy	overcast	drizzle	shower
1500		ادي)	2/8	<u> </u>	- '.'	<u> 32</u>	patchy	overcast	drizz <b>ie</b>	shower
1615		41 .	2/8		<del>                                     </del>	<b>⋽</b>	patchy	overcast	drizzle	shower
END On	-sile (circle)	1 ): ofien soils	hilltops, ridges	rock out	roos soil	er Stite	patchy ts_clay.soils	overcast.	drizzle	shower
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		Butterfi	y Species					Tally		Total
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GPS#7

### Quino Checkerspot Butterfly Protocol Survey Field Data Sheet

MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
Must Manz F	Wordens	Woodrat nest
it Kicsour	Contempos Symulass	Descurence Cryptonthay Lastheria
4/KiBJ	B1=11(- failed =	Descurence Cryptentha, Lastheria  Lats: Astrogalus danglissi purstrutus?  Population of 2 (5 mentrolling, Nemphiller
	Jack Rabbat	population of 2 ( himestructure, New Miller
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TOTAL NUM	BER OF QCB DE	TECTED: O INDIVIDUALS

Page 1 of 1

			Quino Che		ulterfly Protoc ata Sheet	ol Survey				
Recorder:	Mike Ma	COUPPER MZ Wind Epero	Add'	I Person:	<u>6,5</u>				UI, 2010	
					QCB Protocol			n: <u>a=+159a</u> of	5	\$€¢† ```C`
TIME (	24-hour)	Temp (F°);	Wind (avg/max)	% cc			Sky	<u> </u>		٦
START	1315	73	Ø-72	CLEAR	clear	patchy	overcast	drizzle	shower	┨
	1400	73	0-22	CLEAR	clear	patchy	overcasi	drizzia	Shower	7
·	1500	74	072	CLEAR	clear	patchy	overcast	drizzte	shower	┪
	1600	- <u>7</u> 6	0->3	CLEAR	clear	patchy	overcast	drizzle	shower	뻭
	1700	<del>7</del> 5	1-23	CLEAR	clear	paichy	overcast	drizzie	shower	7
	<u></u>				clear	patchy	overcast	drizzie	shower	┨
END					clear	patchy	overcasi	drizzia	shower	٦
Habitat Or	-site (circle)	: open soils,	hilltops, ridge	s, rock outer	ops, soil crusts	, clay soils	, old roads,	various ne	ectar sources	_
		Butterfl	y Species				Tally		Total	7
FUNER	LEAL DU	kywist(	F			IN FIEL	D NOTES	nic_	8	7
CALIFO	ornia Ma	RBLE					ti		25	7
PSEHOS	Metel	nazi⊂					5 E		820	┪
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Butterfly Species	Tally	Total
FUNEREAL DUCKYWING	IN FIELD NOTES OIS	8
CALIFORNIA MARRIE	t i	25
BEHO'S METALMARK	11	870
CALIFORNIA JORTHILECHELL	11	1
PAINTED LADY	; ŧ	8
ACMON BLUE	11	7
Brann Ettin	11	5
PEDDLEXING HAIRSTREAK	А	4
ALFAIFA BUTTERFULD (ORANGE SUCEAUR)	N	1 1
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POI SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE	
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVID	UALS
		Page Z of Z	

Recorder:	Wike	Cours	<u>ነፍ ር</u> Add'I	Person:	0		Date:	8 B	<u>2011, 2010</u>
Project: _	Campo	1.2 Wind Energ	y Project	Map #: _	TILE	6	_ Survey Sx	on: MAN	<del>Z</del> -L_
			<del>)</del>						
TIME (2	(4-hour)	Temp (F°);	Wind (avg/max)	% CC			Sky		· · · · · · · · · · · · · · · · · · ·
START	0900	<u>Ca}</u>	\$5-76	CLEAR	clea	T patchy	overcast	dńzzie	showar
	1000	(QO	_スッゟ	CLEAR	clea	r) patchy	ove toas!	drizzie	shower
	1100	69	8-74	CLEAR	clea	patchy	overcast	drizzle	\$hower
	1200	<del>7</del> 2	Ø 74	CLEAR	Clea	patchy	overcast	drizzie	shower
	1300	47	4-78	CLEAL	ciea	r patchy	overcast	<u>drizzje</u>	shower
				·	clea	r patchy	overcast	dńzzle	shower
END	<u>-</u>			<u> </u>	clear	r patchy	overcast	drizzle	shower
Habitat On	⊢site (circle)	Open sols	hilitops ridge	s, reck outer	ops) soil cr	usts, clay soil	s,@ld roads	various ne	ectar sources
0			y Species		· <u>-</u> ·		Tally		Total
YERRU	<b>EXING H</b>	<u>Pinztre</u> e	k			IN FIEL	O NOTEBO	ok)	9
Brow	N ELFI	N				1			3
		MARK				1	34		
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		MARBLE					11	•	12
PAIN	TEO LA						11		्द
		ECH/	BLUE			•••	11		Ž
	MON B								
		Duskyw	NG		—		• 1		<u> </u>
WE	STERN S	Calle	BUE				13		1
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL BUILD		TECTED: SIDE (ID) (ID)
TOTAL NUM	DEK OF MORDE	TECTED: Ø INDIVIDUALS

Recorder:_	Diene	Jenser	Add'l F	erson:	None		Date: ,	41811	<u>O</u>
Project:	M Al∕ Gernpo	Wind Energ	y Project	_ Map #: ,	86.	<u></u>	Survey Sx	on: <u>MAN</u>	5-01
GPS Unit :	7			<del></del>	_ QCB Proto	col Survey#		of	5
TIME (2	24-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		
START	lico	670	20150	<u> </u>	clear	patchy	overcast	drizzle	shower
					ciear	patchy	overcast	drizzle	shower
				<u></u> ,,,, <del></del>	clear	patchy	overcast	drizzie	shower
	<u> </u>		<u></u>		<u>ctear</u>	patchy	overcast	drizzle	shower
	<u> </u>	<u> </u>	ļļ		clear	patchy	overcast	drizzle	shower
<u> </u>	ļ		<u> </u>		clear		overcast	drizzle	shower
END	1960_	719	hilltops vidges	<u> </u>	Ciear	) patchy	overcast	d <u>rizzle</u>	shower
Habitat On	i-site (circle)	open soils	hilltopstridges	cock outc	crops? soil cri	ists, clay soils	old roads	various ne	ctar sources_>
_		<del> </del>	y Species				Tally		Total
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Whit	<u>e 855                                  </u>		····	<del></del>		14111			43
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)						
DI HPOI	BEDSITIVE COINCL							
DIBIO1	sensitive unimal	San Diego horned lizard San Diego black-tailed jarkrabbit						
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TOTAL NUM	BER OF QCB DET	TECTED: INDIVIDUALS						

Recorder: Dicac Jenson Add'l Pers					Mone		Date:	4181	<u> </u>
Project:	Gampo	7 Wind Energ	y Project	_ Map #:	\$ 8		Survey Sx	n: <u>MA</u>	AM MAG
GPS Unit :	7				_ QCB Proto	col Survey #		of	5
TIME (24-hour) Temp (F*): (avg/max)			% CC			Sky			
	0934	615	30/65	0	clear) patchy	overcast	drizzle	shower
	1100	67°	2.015.0	0	clear	patchy	overcast	drizzle	shower
	1400	710	0.010.0	0	ciear	patchy	overcast	drizzle	shower
		'			clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	dńzzie	shower
					clear	patchy	overcast	drizzle	shower
END	11555	751	0/6_		clear	patchy	overcast	drizzle	shower
Habitat On	-site (circle)	open soils	hilltops, ridges	rock outo	rops, soil cru	sts, clay soil	Sold roads	ovarious ne	ectar sources
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<u>.</u>			y Species				Tally	·	Total
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white	_ 42_					10	*************		3
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NOW	BER OF QCB DET	「ECTED: 💇 INDIVIDUALS

Recorder:	Kylx	Inca	Add1	Person:	عطر		Date:	4181	2010
Project: _	W\ ∧V Gempo	ົ່າ7 -Wind Energ	Add'l y Project	Мар#:	MANZ	F	Survey S	xn:	
	: <u> #3</u>					ocol Survey #			
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky	·	
START	0940	62	2/5	Q	ctea	patchy	overcast	drizzle	shower
	llo Ø	lott i	2/5	<i>ب</i>	Clear	<u>patchy</u>	overcast	drizzte	shower
End	11 6	62. 64 64	12/5	10	pre a) patchy	overcast	drizzle	shower
			, -) aes	patchy	overcast	drizzle	shower
				<u> </u>	dea	r patchy	overcast	drizztę	shower
				<u> </u>	clea	r patchy	overcast	drizzie	shower
END					çleşi	r palchy	owercast	drizzle	shower
Habitat O	n-site (circle): open soils)	hilltops/ridge	s,)rock outo	rops, soil cr	usts, clay soils	s(old roads	, various r	ectar sources
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		Butterfl				<u> </u>	Tally		Total
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Quino Checkerspot Butterfly Protocol Survey Field Data Sheet

MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
F/KISOI	Point	2 Sceloperus occutti ou veck
F/KT.CSI	Point	2 Cantan Mans Symulars
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Page <u>2</u> of <u>2</u>

			Qu	ino Ched		lutterfly Protoc Pata Sheet	ol Survey			
Recorder:_	Kyle	Ince		Add'f	Person:			Date:	4 8 2	010
Project:	V(¶) Camp o	17 Wind Energ	y Pro	ject	Map #:	munz-C	4 5	Survey Sxn	: <u>·\$</u>	
	_									
TIME (2	4-hour)	Temp (F°):	I	Wind (g/max)	% CC			Sky		
START				_	1	clear	patchy	overcast	drizzle	shower
:315		65	2.	16	0	c (Ga)	patchy	overcast	drizzle	shower
1415		680	2,		Ó	(tear)	patchy	overcast	drizzle	shower
1515		630	O	•	Õ	(lear)	patchy	overcast	drizzle	shower
1614		70"		10	(a)	(clear)	patchy	overcast	drizzie	shower
7071			. , ,	,	<u> </u>	clear	patchy	overcast	drizzle	shower
END				<u></u>	† -	clear	patchy	overcast	drizzle	shower
	-site (circle)	open soils.	hilito	ps, ridge	s, rock out	crops, soil crusts		s, old roads,	/arious ne	ectar sources
		Butterfl	y Spe	ecies			-	Tally		Total
Sara	Ovana.	etip					1111			1-4
Acmon	Blue						11			<u> </u>
White	(Ponti	a)					1			
2	. 1	1'	-			1	. 1			·~

Butterfly Species	Tally	Total
Cara Ovancetio	1111	\- \
Acmon Blue White (Pontia) Behr's metalmaric Painted Lady	11	<u> </u>
White (Pontia)		1
Rehr (metalman)	i it	1.5
D. b.d. b.d.s	++++ +++ 11	12
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
		
		
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TOTAL NUM	BER OF QCB DET	TECTED: INDIVIDUALS

Recorder:_	الإيزاء	Ince	Add'11	Person:			Date: _	4/8	2010
Project:	ГО(Д.) Саптро	// 7 Wind Energ	Add'11	Map #: <u>!</u>	Manz-G	· · · · · ·	Survey Sx	n: <u></u>	·
GPS Unit :	#3				_ QCB Proto	cal Survey #		of	5
TIME (2	(बे-hoधर)	Temp (F°):	Wind (avg/max)	% GC			Sky		
START					ctear	patchy	overcast	drizzle	shower
	.230	L4°	215		/ciea) patchy	overcast	dozale	shower
1140]		czes.	patchy	overcast	drizzte	shower
					ctea	patchy	overcast	drizzle	shower
					cies		overcast	drizzle	shower
					çlea		overcast	drizzle	shower
END					clear		overcests	drizzle	shower
	-site (circle)	: open soils	hilltops, ridges	s fock outo	rops soil cr	usts, clay soil:	s old roads	various ne	ectar sources
	(,		· ····	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			(1411-4-0 114	
Production	بهمك	Butterfl	v Species				Taliy		Total
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Pan	tio 3p					1			1
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Dusk	wing s	<u>) </u>				111 THE	1		9
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF OCB DE	TECTED: # INDIVIDUALS

Recorder:	Diene	Jeosery	<u>(M÷A)</u> AddTI	Person:	Лоос		O	ate: <u>Ч/9/</u> /	6
Project: Manzanita Wind Energy Project					#: Tile		St	ır ve y Sxn: <u>M</u>	 A
GPS Unit :	1	<u> </u>		<u></u>	QCB Proto	col Sun	/ey#	of _	5 .
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC		-	Sk	y	
START	1000	670	<u>০.\$3/১.১</u>	0	clear		chy overca		shower
TOTOTO .	1018		30/70		clear		• • • • • • • • • • • • • • • • • • • •		shower
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द्रध≾ यस्र	TAGAZ		20// 6		-clear	, , , , , , , , , , , , , , , , , , , 			shower
END	1660	760	3.9/6.0 3.9/6.0	-8-	clear				shower shower
END	16002	7.53	<u> </u>		clear				shower
	-site (circle)	open soils.	hilliops ridges	Tock outc					
		Butterfl	y Species				Tall	у	Total
<u> Scies</u>	or cook	·4i0				1			1
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Hemo	<u>il 10100</u>					B.11.			2
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
<u>MGB,01 </u>	<u>\$</u> @	poticities QCB (90%) based on size, round forewing shape & Zigzag i low fright pattern
		size, cound forewing shape & Zigzag &
		low Fright pottern
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page of Page 2 (back) of 2 sides

Recorder:	Ar bone	He Cost	rbbA <u>S san s</u> r	Person: ¡\)o~e		Date: _	4/9/1	O
			ergy Project		_			•	nzamit =
GPS Unit	_					ocol Survey #	_1_	of	5 .
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% CC		•	Sky		
START	10:00	72	7.817.8	0	(clear	patchy	overcasi	drizzle	shower
<u> </u>	11:00	72	C.4/10.3	6	(66)	paichy	overcast	drizzle	shower
	12:00	೧೯	0.911.4	Ö	(Jest)) patchy	overcasi	drizzte	shower
	34.00	7)]	1,5 13.0	0	Clear	palchy	overcast	drizzle	shower
	1	<u> </u>			clear	paichy	overcast	drizzłe	shower
					clear	patchy	overcast	drizzle	shower
END	14:00	76	25/7,1	0	clear		overcast	dozzie	shower
Habitat Or	n-site (circle)	copen soils	, hilltops, ridge	s, rock outci	rops, soil cro	asts, clay soil	s, old roads	, various ne	ctar sources
		Butterf	ly Species				Tally		Total
Comm	ליאנט מס	Ŕ.				LH 111			3
Sec ald se	non house	وأبويرك				144 447	ilt.		14
	1 Dosky					Har i i			7
	Metaline	1. 1	•••			क्त हैं।			8
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Page 1 of 2 includeds
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
AGNUI	woodraf nest	S.Dwood rainest, voctor phonob
		Erodion cic
		Sugar both
		Patagostothyros
		Amsinki
	<u>i</u> .	Cuma zarija
		Baky Blue Gge S
A66G 1	Sage SAGP	SASPIN SMX
1662	SASP	5/5P 72 Simple
9656 3	SASP	SABPIN SMYC
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TOTAL NUM	BER OF QCB DE	TECTED: New INDIVIDUAL

Page 2 of 2

Recorder:	Kul	Inc	Add'I	Person:			Date: _	4/9	Úţù
			ergy Project						
GPS Unit:									
TIME (24	-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START					clear	patchy	overcast	drizzle	shower
1215		47	3/10	0	glear)	patchy-	overcast	drizzle	shower .
6333		67	5/15	6	clear	patchy	overcast	drizzle	shower
1545		68	31/7	0	(clear	patchy	overcasi	drizzle	shower
			, , ,	1	clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
END				· · · · · · · · · · · · · · · · · · ·	dear	patchy	overcast_	dri <u>zzle</u>	shower
	site (circle)	Copen soils	hilltops, (idge	s. reck outerá					
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		Butterfi	y Species				Tally		Total/
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7600	Orenge	<u> </u>	3 \ ~	.1.4.4					, - /
Dus	Cupius 3	8 10 1 15	s?)- Iv	nchearg at	17437	# #	1 111	- 4117	2.6
Vale	Swallow	Ja. L		S 26-51	· **	₽ 11	•		/2
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MAP/GPS LABEL POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)							
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1/16, Croz point	M 7-							
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TOTAL NUMBER OF QCB DE	TOTAL NUMBER OF QCB DETECTED: D INDIVIDUALS							

Page 1 of 1

Quino Checkerspot Butterfly Protocol Survey

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				Field Da	ita Sheet		GU	(woon)	
Recorder:_	Diene	Trasca	(ma A) Addil P	Person: <u>N</u>	ione (cm	Mydugane	Date: ,	4)9110	
Project:	Manzar	nita Wind En	ergy Project	_ Map#	t. Tile	1	Survey	Sxn: <u>N</u> A	
GPS Unit :					QCB Proto	col Survey #		of	<u> 5 </u>
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		
START	1219		10.000.01	0	clear	patchy	overcast	drizzle	shower
QN3			10.0/10.0		clear	palchy	overcasi	drizzle	shower
START	1309		10.0/12.0	C	clear	patchy	overcast	drizzle	shower
$\mathbb{C}N^3$	1430		10.0112.0	0	clear	palchy	overcast	drizzle	shower
					clear	patchy	overcasi	drizzie	shower
START	1600	[7.0(16.0	Õ	clear	palchy	overcasi	drizzie	shower
END	473/5/	.35	70/16.0	0	clear	patchy	overcast	drizzle	shower
Habitat On	-site (circle)	open soils,	hilltops ridges	rock outer	ops, soil cru	usts, clay soil	€ old roads	, various nec	tar sources
		Butterfl	y Species				Taily	<u> </u>	Total
white	: 5 P					1117			4
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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OTAL BUILD	BER OF QCB DE	TECTED: Ø INDIVIDUAL

Page <u>2</u> of 2 (5,6c5)

MAP/GPS LABEL	POINT/POLYGON TYPE	SPECIES LIST (N	IECTAR SOURCE	OLYGOS AND GPS POINTS/ S, GENERAL WILDLIFE LIST
3/Kicsi	Point	Caulantans	Simalans	~ 30
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TOTAL NUM	BER OF QCB DE	TECTED:		INDIVIDUAI

Page 1 of 1

Recorder: Ky (A	e Inc-e	Add'l	Person:			Date:	4 9	2010
Project: Manza	nita Wind En	ergy Project	Мар	#: <u>3</u>		Survey	/ Sxn:	
GPS Unit :3	•			QCB Proto	ocol Survey#		of	5 .
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START				clea	patchy	overcast	drizzle	shower
1000	<u>62</u>	115	<u> </u>	(clea	patchy	overcast	drizale	shower
1115	65	3/10	٥	,6€3	r _k patchy	overcast	drizzl e	shower
1215	67	# 3/10	· ·	शिस्त्र	n patchy	overcast	drizzle	shower
	 			clea		overcast	drizzle	shower
				i				shower
END				clea		overcast	drizzle	shower
Habitat On-site (circle	alifor manual	Sobia Modilida	mck outc	rons soil cr	usts clay soils	പ്രധാര്ക്ക		tar sources
riabilat on one force	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, mago	7,000,000	, 20, 20, 01	· ·	a, <u>tab road</u> g	(Variodo Net	300,000
	Butterf	ly Species				Tally		Total
520 301 400		<u> </u>			t			ì
Painted Lac	~3				1.			2
Pontia 3p.	tio				444-	: (1		-
Sar Draw Duskwing ((10.11)				11	+ ' \		2
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Recorder:	Antones	LeCatrer	re?_AddTI	Person: <u>Di</u>	<u>ه سد تحو</u>	1158 V	Date:	49/10	
Project:	Manzan	ita Wind En	eray Project	Map	#: <u>Tile</u>	6	Surve	y Sxn: <u> </u>	1A
GPS Unit :		Coursia.			QCB Proto	col Survey #		of	5 .
TIME (2	4-hour)	Temp (F°):	, , , , , , , , , , , , , , , , , , , 	% CC			Sky		
START	1500	76	25/65	_0_	çleşir	palchy	overcast	drizzie	shower
ENV	16∞	76	3615		(djeaf	paichy	overcast	drizzie	shower
		- '	Ĺ		clear	paichy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
					clear	palchy	overcast	dńzate	shower
					clear	palchy	overcast	drizzie	shower
END					clear	patchy	overcast	drizzle	shower
Habitat Or	-site (circle)	: open soils,	hilltops, ridges	, rock outc	rops, soil cri	ısts, clay soil	s, old roads	, various ne	ectar sources
Very service	<u> </u>	Butterfi	y Species				Tally		Total
O	Ol a					Hŧ			1 3
womser. Romber	Blue re Tra	0 / 5 -	ck_			11			13
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Page 1 of 2 Sides

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MAP/GP\$ LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS
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				Field D	ata Sheet				
Recorder:	M. H	eagh	Add'l I	Person:	X) A		Date: _	4/9/1	10
Project: _	- <u>Санно</u>	Wind Energ	y Project	_ Map #: _	11,12	·	Survey Sxn	ı:	
GPS Unit	-7				QCB Protocol	Survey#	QCB#	of	5
T(ME (24-hour)	Temp (F°):	Wind (avg/max)	% CC		<u> </u>	Sky		
START	08:30	67.2	69/19	07	clear	patchy	overcast	drizzle	shower
	10:30	1,9.5	1374.2	<u> </u>	clear	patchy	overcast	drizzle	shower
	12:30	70.6	37/16	[clear	patchy	overcast	drizzle	shower
	13:30	72.1	34/52		clear	patchy	overcast	drizzle	shower
	15/60	79.2	36/65		çidər	palchy	overcast	drizzte	shower
>	16:00	679	36/7.9	\(\(\lambda \)	clear	patchy	overcast	drizzle	shower
END			- J	P	clear	patchy	overcast	drizzle	shower
Habitat Or	n-site (circle)	open soils,	, hilltops, ridges	, rock outc	rops, soil crusts	, clay soils	, old roads, t	various ne	ectar sources
		Butterfi	y Species	_		· · · · · · · · · · · · · · · · · · ·	Tally		Total
()-ec	L Kairs								1 5 6 / ₹

Butterfly Species	Tally	Total
Gree heirshed		<u>₹</u> / ₹
Sara Orange Tips Marble		- 11
Marble		
Belir's metalmank	luc- our r	18
Spring white		8
Admon blue		<i>i</i> ≥
Puskyni, Sp		4
Spring Asm		
Veness sp		3
Blue 30		2
while 30		1
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
MHHLOS	Se-situr Sp	Hernel Coast
<u></u>	· · · · · · · · · · · · · · · · · · ·	Fixhelend
····		Ranone Idac
	<u> </u>	Desert Dandilian
		Goldfields
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Calif Poppy
	<u> </u>	Froden
		Baby blue eyes
	······································	Mexita mangerity
		Miners lettice
	- <u>-</u>	Buchbrush
<u>.</u> .		Jauschia Southen
		Popara flower
	<u> </u>	Black stratard
·		White then coanoths
	- ·	Ten sy Mustend
	_ _{//}	Sontrep
		Egstwood Manyaita
		Phacelia
		Tenel flower pink
···		REONAL
		Small hellow lotes
		Poston derroladii
··		~ · · · · · · · · · · · · · · · · · · ·
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OTAL NUMB	ER OF QCB DET	ECTED: Ø INDIVIDUALS
		
		Page of

Recorder:_	Dale	Pan	2 I′bbA <u>∭</u> ∞	Person:			Date:	4 10	2/10
Project:	Manzan	ita Wind Ene	ergy Project	Map #	# :	3	Surve	y Sxn:	
GPS Unit :					QCB Proto	col Survey #		of	5
TIME (2 START	4-hour) 10 00 13 30 13 50	Temp (F°): 63° 6500 770 770	Wind (avglmax)	% 0 0 0 0	Clear Clear Clear	patchy patchy patchy	Sky overcast overcast overcast	drizzie drizzie drizzie drizzie	shower shower shower
END	16.77	_6.7.	5/7-	~	Clear Olear clear	patchy patchy	overcasi overcasi overcasi	drizzie drizzie drizzie	shower shower
Habitat On	-site (circle)	open soils	hilltops, ridges	s, cock outer	obs∖ <u>€oil.c</u> u	ışîs, clay soils	old roade	s, vanous nec	tar sources
Mar Sich Sich Sich	ah O hile utea	Taliana Starfly	r ck ?		ita	1211/24T	- j441 J	HAT ME 247	75 8 20 26 18 18 2
	ره میشده ای		KERSE	OT (DI	(Q80)	11	***		
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)				
		Eradium				
		bestherma				
		leyia.				
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		crytantha				
		Amaraskia Eschskhalzia Neurophila Mostard?				
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TOTAL NUMBER OF QCB DETECTED: INDIVIDUALS

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Recorder: MIKE COUFFER Add Person:							Date: ID APRIL, ZOID			
Project: Campo Wind Energy Project Map #:				· e	4	• • • •				
GPS Unit	:_Gar	NÎN Z	_		QCB Protoco	Survey#	1	of	5	
TIME (24-hour)	Yemp (F°):	Wind (avg/max)	% CC			Sky		· - · · · · · · · · · · · · · · · · · ·	
START	1030	65	しー>_ ラ	CLEAR	Clear	patchy	overcast	drizzle	shower	
	1100	<u> </u>	H4W 6 2-1	Crevic	(clear)	patchy	overcast	drizzle	shower	
, <u>.</u>	1200	68	[-> ∓	CLEAR	Clear	patchy	overcast	drizzle	shower	
	1300	720	<i>જ</i> ->ય	CLE DR	(clear)	patchy	overcasi	drizzie	shower	
	1400	70	4-27	CLEAR	Cear	patchy	overcaşi	dńzzie	shower	
	1500	7/	ス→8	CLEAR	clear	patchy	overcast	drizzle	epowet.	
END	<u> </u>	<u>.</u>	_		clear	patchy	overcast	drizzle	chause	
Habitat Or	t-site (circle)): open soils,	hilltops, ridges	, rock outc	rops, soil crust	s, clay soils	, old roads,	various ne	ctar sources	
Butterfly Species						Tally		Total		
CALIFORNIA MAGRIE						N Com	0 Nones		uo.	

Butterfly Species	Tafiy	Total
CALIFORNIA MARRIE	IN FLEID HOTEBOOK >	48
PERPLEXING HAIRSTREAKS	ų	31
BROWN ELFIN	1)	1
FUNEREAL DUZKYWING	t ₁	30
DESERT ORANGETIP	*1	7
PAINTED LADY		رج
PAINTED LADY) SARA ORANGETIP	ų	1
CALIFORNIA YORTOISASHBU	11	4
QUINO CHECKEDSPOT BUTTERFLY		4
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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MCHLO3	Poins	
MCQBOR	Point	PHOTO TAKEN IN HAMIN
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUAL

Page R of R

Recorder: Bannie Gendriche Person	Erin Bergman Date: 4/10/10
Project: Man Zam I A Project Ma	p#. Till 1 + 3 Survey Sxn
GPS Unit: Gacmin &	QCB Protocol Survey # of of
TIME (24-hour) Temp (F°): (avg/max) %	
START 1100 64 5/11 59	
	Ctear patchy overcast drizzte shower
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 (clear) patchy overcast drizzte shower
1 30 64° 191.14° 1	O Clear paychy overcast drizzle shower
<u> </u>	clear patchy overcasi druzzle shower
	ctea) patchy overcast drizzie shower
END 530 67 3/11 12	clear patchy overcest drizzle shower
Habitat On-site (circle), open soils, hilltops, ridges, rock	outcrops, soil crusts, clay soils, old roads, various nectar sources
, Butterly, Species	Tally Total
Benro Nexamark	1411 6
Resolating hairstreat	1 to the solo
Deskywing Erynnis fin	
Eruporus ASS (without who	to edge 1
	3
- Sorans Oragazza	TAX TURE TO 15
James For all	
Muentra Margale	1/1/1/1
- Delianos de Rolle 2	3
rigging socie	
	 -
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	·
July frusky & hard	to naugalo,
'SUCaus (Imani	na asoly no brush
	<u></u>

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Bonnie Hondricks 21/10/10

Quino Checkerspot Butterfly Protocol Survey Field Data Sheet

MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
BHASAPOL	point	Astragaliosp. (red stem)
	, 	
		Victor plant patches as
—`vərkması conssission———aw.o.		Crystantha of.
Hedgeling Cd	retu pt,	
2		
RHGevia	() d	Gerea Vicsida or Helianthus
DITGENIO	1.30 px, Cx	
		Noed to Cey (took ft) 32 flants plus (00+
	· w • · · · · · · · · · · · · · · · · ·	personal grace 100
B#NZOI	pt.	Woodsat widden
BHCHOI	J.,	Churiselyouses
	,	1 seedling
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TOTAL NUM	REB OF OOR DE	TECTED: INDIVIDUALS
TOTAL NOW	DEN OF GOD DE	
		Page Q of Q

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			Quino Chec		utterfly Proto ata Sheet	col Survey			
Recorder:	M. He	with.	Add'l F	Person:			Date:	4/10/	10
Project:	Manzar- -Campo	್ಷಸ್ಥ <u>Wind Energ</u>	ıy Project	_ Map #: _	12		Survey So	kn:	
GPS Unit	5_		. <u>.</u>		QC8 Protoc	ol Survey#	1	of	
TIME (2	24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	10:00	60.2	1	0%	clear	patchy	overcast	drizzle	shower
	i2100	62.1	87/13.5		ciear	patchy	overcast	drizzle	shower
	3.30	64.4	8-2/11-1		ctear	patchy	overcast	drizzle	shower
	15'00	66.7	6.2/10.3		clear	patchy	overcast	drizzle	shower
					ctear	patchy	overcast	drizzle	shower
					cladi	patchy	overcast	drizzle	shower
END	16:00		4.3/7.5	V	clear	patchy	overcast	drizzle	shower
Habitat On	-site (circle)	: open soils,	, hilltops, ridges,	, rock outc	rops, soil crus	ts, clay soils	, old roads	, various ne	ctar sources
		Butterfi	y Species				Tally		Total
Green	Maries								37
			**************************************						29
						·			اک
Sam	wh. Fr	Specie							[4]
5000	Jenseman	H:0 <				•==•			2
Painte	1 Kg.	HP5	•						<u> </u>
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST
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	\	Decent Bandilian
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····		Southern Tarcher
		Gold fields
		Golde borsh
	 	Duckborush 1000016
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		Puchel grother grad squared blacktail TR.
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461	Excluded Poly	O A - Ropana
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403	, , ₁	ble se Chapanal

Recorder:	Mike	COUFFER	ا Add'i	Person:	D		Date:	11 APQ11	~ 2 010
Project:	ғ <i>ғк</i> атұ одике Э	भेरोग A <u>Wind Energ</u>	y Project	Map #: _	Tice 1	0	Survey Sa	xn: MAN	7-0
			5						
71ME (2	A.hour)	Temp (F°);	Wind (avg/max)	% cc	<u> </u>				
START	1145	(95)	1->4 (20/4		olea	- notabu	\$ky		
:	1200	67	Ø-5MPH	CLEAR	clea		overcast	drizzie	shower
	1245	.65	1-25 mm	CLEAR_	clea	_	overcast overcast	drizzle drizzle	shower
··	1300	64	3-> 8 m%	CLEAS	1		overcast	drizzie drizzie	shower
	1315	65	3-75 M/H	CLEAR	Ciea		overcast	drizzie	shower
					clear		overcast	drizzte	shower
END					close		an area a s		
Habitat On	-site (circle)	open soils,	hilitops ridges	. rock outer	ops. soil co	usts, clay soils	. Old roads	Various per	shower
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			y Species				Tally		Tota!
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page <u>2</u> of <u>2</u>

Quino Checkerspot Butterfly Protocol Survey

			Quillo Otiec		ita Sheet	01 00.1 0,			
Recorder:	M. He	.adh 100	Addʻl F	Person:	shirley Inc	محدلاج	Date:	4/11/1	0
Project:	Campo	Wind Energy	y Project	_ Map #: _	13		_ Survey Sx	(n:	
GPS Unit		····			QCB Protocol	Survey #	1	of	5
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	12:00	67	3.4/7.4	రి	clear >	patchy	overcast	drizzle	shower
	14:00	672.2	3.2/6.4	1090	clear	patchy	overcast	drizzle	shower
	15:30	59.0	3/1/124	5%	clear	patchy	overcast	drizzie	shower
			,		clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzte	shower
END					clear	patchy	overcast	drizzle	shower
Habitat On	-site (circle)	: open soils,	hilltops, ridges	, rock outer	ops, soil crusts	, clay soil	s, old roads,	various ne	ectar sources
		Butterfly	/ Species				Tally		Total
Cree	howstre	<u>.h</u>							ঠ
	1 Willy 3								8

Butterfly Species	Tally	Total
Green hawstrenk		ঠ
Dusky wing Exp		8
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5/20 Ck		4
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Painted Lady Acmon War		
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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MHLLI	Le ·	14 47
		Papara 7 - Flower
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	Excluded Poly	Och woodland
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	SER OF QCB DET	previously obsained by

Page 2 of 2 Dale P.

Recorder:	ME	SSA BC	<u>වk නුළ</u> Add'l F	Person: <u>T</u>	iana Je	1827.	Date:	4/11/16	<u> </u>
•					Map #: 16 Survey Sxn:				
GPS Unit :	9_				QCB Protoco	Survey #		of	5 .
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Şky		
START	1130	72	3 /8mg	10	çlear) patchy	overcast	drizzle	shower
	1237	#2.	10/12010h	lo	<u> </u>	patchy	overcast	drizzle	shower
	1525	71	5/9/8/80	10	clear) patchy	overcast	drizzle	shower
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;					ctear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
END			. <u></u> .		clear	patchy	overcast	drizzle	shower
Habitat On	-site (circle)	copen soils	rhilltops, ridges	rock outer	ops, soil crust	s, clay soil	s, old roads	Pvarious ne	ectar sources
	•	Butterfl	y Species				Ta∛ly		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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16/16MBHLOZ	Pt - Warned Lizard	SD Homed Licast
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 2 of 2

Recorder:	Duras	Jensen	TbbA(<u>A\M)</u>	Person: 🏔	<u>elissa.</u>	Rokel (D	<u>\(\frac{F}{A}\)</u> Date:	4/11/19	<u>ပ</u>	
Project: Manzanita Wind Energy Project				Мар :	#: <u>Tile 1</u> (٥	Survey	Survey Sxn:		
GPS Unit	10				QCB Proto	col Survey #		of	<u>5</u> .	
TIME (?4-hour)	Temp (F*):	Wind (avg/max)	% CC			Sky			
START	1130	720	30/86	<u>O</u>	clear	patchy	overcast	drizzi e	shower	
	1238		60130	Ó	clear	patchy	overcast	drizzle	shower	
			 	' - '	clear	patchy	overcast	drizzle	\$hower	
					dear	palchy	overcast	drizzte	shower	
			i		clear	patchy	overcast	drizzte	shower	
	<u> </u>				ctear	patchy	overcast	drizzte	shower	
END	1435	71°	5.0/9.0	<u>()</u>						
Habitat Or	-site (circle)	Open soils	S ()/9, O Milltops, ddges	Fock outc	roos. Šõil cru	sts clay soi	S old roads	various ne	clar sources	
· · · · · · · · · · · · · · · · · · ·	. 5.15 (5.15)		Z	. (00		,,	2			
		Butterfl	ly Species				Tally		Total	
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST
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TOTAL NUMBER OF QCB DETECTED: ______ INDIVIDUALS

Page 2 of 2

Recorder:	Die	Ruist	L.PPV T	Person:	_ _		Date:	4/11	10
Project:	Manzan	ita Wind Ene	ergy Project	Map #:		\	Survey	/ Sxn:	
GPS Unit :		8		(QCB Protocol	Survey #	<u>.</u>	of	5
TIME {2	4-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		
START	12:00	(e)	9/13	Ø	∕ cæ _i	patchy	overcast	drizztę	shower
		620	4/8	0	Togal .	patchy	overcast	drizzle	shower
	15.20	62°	7/11	8	Clear	patchy	overcast	drizzle	shower
			-,,-		clear	patchy	overcasi	drizzle	shower
					clear	patchy	overcasi	drizzlę	shower
					clear	patchy	overcast	drizzle	shower
END				· · · · · · ·	clear	patchy	overcast	drizzle	shower
	-site (circle):	goen soils	hittops/cidges	rock outcro	ps, soil crusts	, clay soil:	s, old roads	.vzirious ne	ectar sources
									_
		Butterfly	Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: O INDIVIDUALS

Page λ of λ

Recorder: 15 y 1	e Inc	-CAdd'i	Person:	<u></u>	``	Date: _	4 13	10
Project: <u>Manzan</u>	ita Wind En	ergy Project	Map 1	#: <u>5</u>		Survey	Sxn:	<u> </u>
GPS Unit :				QCB Proto	col Survey	#_ Z_	of	5
TIME (24-hour)	Temp (F°);	Wind (avg/max)	% cc			Sky		
\$TART		772		clear		overcast	dńzale	shower
1130	61	2/5		(Cie ai		overcast	drizzie	shower
12 30	61	2/5 2/3 2/5	5	ofesi >÷		overcast	drizzle	shower
1300	63	41,5	<u> </u>	<u>∞€3</u>		overcast	drizzle	shower
1400	43	4/5		(See		overcast	drizzie	shower
- /- 				çlear		overçast	drizzie	<u>shower</u>
END	ليحسيا		<u> </u>	clear			dozze	
Habitat On-site (circle)	e open sons,	hilltops, ridges	s, rock outci	rops, soil cr	usts, clay so	ils, old roads/	vanous ne	ectar sources)
	Butterfl	y Species				Tally		Total
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Quino Checkerspot Butterfly Protocol Survey Field Data Sheet

MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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		TECTED: INDIVIDUAL:

Page <u>3.</u> of <u>1.</u>

Pacomer	S. Rink	<u>.</u>	Add'i	Person:				Date:	4/13	d 10
Project:	MAN) Mind Energ	y Project	Man #	5			Survey Sx	n: F	
Project.										
GPS Unit :	_5	-			QCB Proto	ocol	Survey#_	<u>-</u> }-	of	5 .
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC				Sky		
START	11:30	60	2/5	5	clear	<u>ر</u>	patchy	overcast	drizzle	shower
	12.35	01	2/5	3	clear	r	patchy	overcast	drizzle	shower
	3:30	63	-1/5 -1/5	15	clear	<u> </u>	patchy	overcast	drizzie	shower
	4:30	63	2/5	5	cæar	r	patchy	overcast	drizzle	shower
	15:3D	62	2/5	15	clear	$\overline{\zeta}$	patchy >	overcast	drizzle	shower
	(0.00	100	915	15	clear	\overline{c}	palchy	overcast	drizzle	shower
END			2 / 3/		clear		patchy	overcast	drizz <u>le</u>	shower
Habitat On	-site (circle)	: open soils.	hilltops ridge	s, rock outc	rops, soil on	usts,	clay soils			nectar sources
riadrial eri					[- 1		(<u>(</u>	
		Butterfi	y Species	•				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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Recorder:		E Cou	ERER) Add'I	Person: S)RIUTEA ,	INHEKI	∆ Date:	14 600	H. 2010
Project:	l∕MAN? Gampo	RANITA Wind Energ	y Project	Map #: _	Tile	2_	Survey S	xn:_MAN	7-B
GPS Unit :	GARR	มนุก 10				ocol Survey#			
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC	Γ				
START	1130	72	Ø->3 m?H		-	<u> </u>	Sky		<u></u>
	1200	72	Ø->3m0H		clear	4 4 10 11 11	overcest	drizzle	shower
	,,,,,,		20 - 2 2 1 11 6 tt	LESTA	Clear		overcast	drizzle	shower
•••				<u>-</u>	clear		overcest	dńzzie	shower
				· -	crear	· · · · · · · · · · · · · · · · · · ·	overcast	drizzle	shower
					clear		overcast	drizzie	shower
END			·		clear		overcast	drizzle	shower
Habitat On	-site (circle):	∠onen soil∧	hilliops ridges	Mackauten	che coil on	patchy	OV OICAS	drizzle	shower
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		Butterfi	y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Recorder:	Mike	COUFFE	2 <u></u> Add'ا	Person: <u>\$</u> !	HBrea 1	- HITTHIA	Date:	I4 APR	il, 2010
Project:	∰ტა შ Campo	Mind Energ	v Project	Map #: _	Tile	2	_ Survey Sx	in: <u>MAN</u> :	₹-C
GPS Unit :	GAN	มีเห 10	· <u>-</u> -			_			
TIME (2	4-hour)	Temp (F*);	Wind (avg/max)	% cc			St		
START	1000	G 1	0-7/MP4		েই	natahu.	Sky		
	lloo	ල්පු	1-7 6/	LUEAR	clear	5	overcast	drizzie	<u>shower</u>
	1130	72	Ø+3	CLEAR	Clear	5	overcast	drizzie	shower
	<u> </u>		22-7-23				cvercast	drizzle	shower
			··· <u> </u>	·	cléar		overcast	drizzie	shower
				<u> </u>	olear		Overcast	drizzia	<u>shower</u>
END			- 		clear		overcast	drizzie	shower
Habitat On	-site (circle)	ropen softs	hilltoes, jidge	Prock outer	clear	patchy	overcast	drizzle	shower
	3.10 (a.ra.)	open gone,	, indeed	N TOOK OUIC	ops, son ar	ists, clay som	s old loads	various ne	ctar sources
		Butterfly	y Species		• • • • • • • • • • • • • • • • • • • •		Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page <u>2</u> of <u>2</u>

Recorder:	Mike C	OUPEEL	Add')	Person: 5	βειιστέ∧ :	INNER	o LN Date:	IH BPQ	1.2010
Project:	Campo	TAMITA Wind Energ	v Project	Map #:_	TILE	1	Survey Sxi	n: 	7B
GPS Unit :	GARW	אוע וכ)				#1_		
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC	T		Plat.		············
START	1500	70	Ø->4 MPH	90	ctea	patchy	Sky overcast	deimte	
	1600	65	Z->5men	90	clea		(overcast)	drizzle drizzle	shower
				,,,,	clear		overcast	drizzie	shower shower
					clear		overcasi	drizzie	shower
					clear		overcest	drizzie	shower
					clear		overcast	drizzie	shower
END					riee,	natchu	minronat	ما السالم	
Habitat On	-site (circle)	: open soils	hilltops, ridges	rock outci	rops, soil on	usts, clay so	ils. eld roades	Various per	anower
				~		,			300,003
··· <u>-</u> ····			y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 2 of 2

Recorder:	Mike	<u> Cou</u>	FFE2_Add'I A V Project	Person:	ΣΗισιεχ	IHHEKIN	Dale:	14 000	211, 2010
Project:	<u>Campo</u>	Wind Energ	<i>a</i> <u>⊮ Project</u>	_ Map #:	กเ๊∈ร	5	Survey Sx	n: Mar	17 - F
GPS Unit :	_GAQ	มเห 10)		QCB Pret	ocol Survey #	1_	of	ы Роптон 5
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC	T		Shu.		····
START	1218	744	Ø+> 3mf4		clea	patchy	Sky overcast	drizzle	
	1300	73	1-74	10%	clea-		overcast	drizzle	shower shower
	200	7.	Ø-> Z.	60%	clea		overcast	drizzle	shower
					clea		overcest	drizzie	shower
<u>. </u>					clea		overcast	drizzie	shower
<u> </u>					clea		overcast	drizzie	shower
ENĐ					clea	r galeby	Averend		
Habitat On	-site (circle)	open soils,	hilltops ridges	Tock outc	rops, soil on	usts, clay soils	, old roads	Various ne	ctar sources
- 75° A	· · · · · · · · · · · · · · · · · · ·		y Species				Tally		Total
_ YAINT	CO LA	حييو				IN FIEL	<u>этои а</u>	800K	2
BEHRS	<u>.</u> Yîteπa	<u>Ľmazi</u>	«_				1 {		5
FUNE	CEAL DI	بكلالاسأما	L C-				ħ		え_
	ON BLO						AL.		5
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: (7) INDIVIDUALS

Page 2 of 2

Quino Checkerspot Butterfly Protocol Survey

					ata Sheet					
Recorder:	VIIIIAL	Margu	<u>ነ</u> ትላን በ'BbA <u>\$</u>	Person:	ave Flei	ne	Date: _	4/14	<u> w</u>	
// Project: _	Mnzande Campo	Wind Energ	ıy Project	Map #: "	7		Survey Sxn	n:		
GPS Unit	: <u> </u>				QCB Protocol	Survey#		of	5	
	(24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky	· -		
START	10.00	45,6	21/50-	10%	clear	(patchy)	overcast	drizzłe	shower	
	1/32		2.6/4.4	Ø	Clear	patchy	overcast	drizzle	shower	
·	12.55		24/43	30%	dear	patchy	overcast	drizzle	shower	
	1/35		2.6/4.6	300/10	clear	patchy	overcast	drizzle	shower	
	1	T	/	i,	clear	patehy	overcast	drizzle	shower	
					clear	patchy	overcast	drizzle	shower	
END					clear	patchy	overcast	 drizzle	shower	

Habitat On-site (circle): open soils, hilltops, ridges, rock outcrops, soil crusts, clay soils, old roads, various nectar sources

Butterfly Species	Tally	Total
Painted Lady	11	2
Painted Lady Behr's Metal mark	HALL 144 1744 +	16
Perpleune hourstreak	1111	٧.
Checkered Skipper	II	
Common White	MALAN IIII	14
Perplexing hourstreak Checkered Skipper Common White Funeral Dickywing Brown Elfin	/(1	
Brown Elfin		/
1 Louther Slue	46	
Aconon Blue	1	
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST
		Clarothus species = 2 Blooming
		anjuckie 1 resta
		erodum quentamina lucta
	<u> </u>	somb oak
	,	Tree Poppy ?
	<u> </u>	CA Quail
	<u></u>	cattle
	, , , , , , , , , , , , , , , , , , ,	Spotted To hee
	· - · · · · · · · · · · · · · · · · · ·	Deer scat
		Look Spassow
		Screen 1 cong
·	<u> </u>	Bush At
		Whats Crowned Sporms
		CA Towher
		american Crow
····	··	Lupui op Vironia rector
		Lupine sp. V
		
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Page 2 of 2

Recorder:	DAUR	E FLIE	<i>TUGR</i> _Add'l	Person:			Date:	4/14/	<u> </u>
Project:	C ompo	₩ind Energ	y Project	Map #: _	\3	· ·	Survey Sxn	ē	
GPS Unit :	(<u>.</u>	<u></u>	- -	QCB Prot	ocol Survey#	/_	of	5
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC	T		Sky_		
START	14 20	72-	2-5	80	clea	r (patchy	overcast	drizzle	shower
	1450	70	4-6	90	clea	r patchy	_overcast	drizzle	shower
	1520	72	4-6	4O	clea	r chatchy	overcast.	dńzzle	shower
	1500	104	5-9	80	clea	patchy	overcast	drizzle	shower
15759	50 BA		out up 1	Romest	clea	r patchy	—evercast	drizzle	shower
					clea	r patchy	overcast	drizzie	shower
END	1550	69	5-9		dea		overcast		shower
Habitat On	⊹site (circle): :	open soils	, hilltops, ridges	s, rock outer	ops, soil cr	ust s, clay soll s	old roads, v	rarious nec	ctar sources
	A.	Butterfi	y Species				Tally		Total
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	Sana	V 000	unce to	` 		ļ.; <u> </u>			<u></u>
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MAP/GPS LABEL	PDINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
		annual Lotus
		crupt int
		Comis sp
		Lucin cont.
		Nomo menz
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DECS01?	Doint	120 Caulanthus simulans & - confirm
7865	,	12 (extendo uphill ~50)
DE1/5/23	N.	# 12. " "
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77. 4-44		C. Simulans appears to be
****		dispersed jover this slope at low density
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Page 2_ of 2_

	. 1			Field Dal	a Sheet				
	V. L.	11.0		λ	71			4/10	1/10
Recorder:	VIVIME	ليه هي الاح	Add'i	Person: _ <i></i> /_	ive fl	estre	Date: _	///.4	110
Parinet	wrani	Fe. Mind Enorg	y Project	Man #	3+4		Survey Sx	m·	
Project:		Antid Edisid	Y PTOJECT						
GPS Unit :	9				QCB Prote	ocol Survey #	<u></u>	of	5
						· · · · · ·			
YIU :: /2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	2 40	698	24 4.7	80%	clear	r (patchy)	overcast	drizzle	shower
2)/4/1	(A)	6487	/ /	80.0	clea		overcast	drizzie	shower
	3)00		2./ /3./	85%	clear		overcasi	drizzle	shower
~- -	3:30	66.1	1.6/4.1	850/2	clea		overcast	drizzle	shower
		- O P	1 : 14 . 1		clear		overcast	drizzle	shower
			•		clear		overcast	drizzle	shower
END	3.30	lata.	1.6/4.1	85%	clear		(overcast)	dńzzle	shower
			hilitops, ridges						ctar sources
		Butter!	y Species				Tally	· · · · · · · · · · · · · · · · · · ·	Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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VM HLOL	<u></u> .	Horned Lizard
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TAL NUMBI	ER OF QCB DETE	ECTED: (f) INDIVIDUALS

		Quino Che		utterfly Protocol Survey ata Sheet	working on 3	,5 (nd	lepend Mayo
Manza	D. FLIE guital LWind Energy		Person.	1. Marquezt 7-L	Date: Survey Sxn:	4/14/	<u>//o</u> .
GPS Unit :(ρ			QCB Protocol Survey #		of	5
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% CC	laht huze	Sky		

TIME (2	24-hour)	Temp (F°):	Wind (avg/max)	% CC	laht hu	<u> </u>	Sky		
START	10.00	-65	2-5	20	clear	patchy	overcast	drizzte	shower
					clear	patchy	overcast	drizzie	shower
					clear	patchy	overcast	drizzte	shower
	ļ				clear	patchy	overcast	drizzie	shower
	Ī,				clear	patchy	overcast	drizzte	shower
	[.				clear	patchy	overcast	drizzie	shower
END	13:0	74	2-5	60_	clear	patchy	overcast	drizzie	"Shower
labitat Or	-site (circle):	open soils.	hilltops, ridges	s dock outco	ops, soil crusts	clay soil	s, old roads,	-vañous ne	ctar sources

Total , 之 Tally Butterfly Species

MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST
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		Nomo monz
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		175h cal
		annual Lotus
		Pracolia Sp.
		Delot Ods
		Layen clanderosa
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Page <u>2</u> of <u>2</u>

Recorder: \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Ince	Add'l	Person:			Date: _	4/15/	10
Project: Manza	nita Wind En	ergy Project	Map #:	10		Survey	Sxn:	0
GPS Unit :			ac	,		_		
TIME (24-hour)	Temp (F°):		% CC		1.1.2.1	Sky		
START 0930	40	5/12	5	(Jean	patchy	overcast	drizzle	shower
1130	62	3/8	<u> </u>	clea		overcasi	drizzie	shower
1230	62	5/10	₹ 430/\	dea		overcasi)	drizzle	shower
		-	Chigh rollies	clea		overcast	drizzle	shower
. 			+	clea		overcasi	drizzie	shower
			4×	dea	· · · · · · · · · · · · · · · · · · ·	overcast	drizzle	shower
END		<u> </u>		clea		overcast	drizz <u>le</u>	shower
Habitat On-site (circl	e): opén soils	Willobs ugge	es, rock outcrops	, soil cr	usts, clay soil	s, old roads	, various ni	ectar sources
	Ruttorf	ly Species				Taily		Total
Bahrs mak		y opecies						
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Blue Sp.	,				1 .			1
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)			
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TOTAL					
TOTAL NUMBER OF QCB DETECTED: INDIVIDUALS					

Page <u>**1**</u> of <u>1</u>

Recorder:_	DAVID	ELICA	JER_ Add'il	Person:			Date:	7/15	710
Project:	Manzan	<u>ita Wind En</u>	ergy Project	_ Map#	:_4_		Survey S	Sxn:	>
							_		
TIME (24-hour) Temp (F°): (avg/max) % CC V							Sky		
START	12 15	12 S	8-12	30	clear	patchy	overcast	drizzle	shower
	1415	73		<i>>0</i> ₹8	clear	patchy	overcast)	drizzle	shower
	1515	31	4=14 4-7	9Ō.	clear	patchy	orercasi)	driszle	shower
	1545	73	4-7	100	clear	patchy	overcast 3	drizzle	shower
	·	, -			clear	patchy	overcast	drizzle	shower
						patchy	over <u>cast</u>	drizzle	shower
END	11015	72-	3-7	1(%)	clear	patchy	overcast	drizzle	shower
Habitat On	-site (circle)	open soils	hilltops, ridges	rock outco		ts clay soil			
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		Butterft	y Species		1		Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)				
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Recorder: David K. Faction Add Person: R. Connelly Date: 15 APRIL 2010									
Project:	Manzar	ita Wind Ene	erov Project	_ Мар	#: <u>19</u>		Survey	/ \$xn: <u>Ca</u>	wa N
GPS Unit :	:	3			QCB Proto	col Survey #	2	of	5 .
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC	Ţ <u></u>		Sky		
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END	1200	(6	· ·	114	clear	(hátchý)	overcast	drizzle	shower
Habitat Or	-site (circle)	roben soils	u dillopa ridges	Crock outc	rops soil cru	ists clay soils	cold foads	> various ned	tar sources
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, SENERAL WILDLIFE LIST)
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Project: Manzanita Wind Energy Project Map #: 3 Survey Sxn:							Sxn:		
GPS Unit :	:				QCB Prote	ocol Survey#	2	of	5
TIME {2	4-hour)	Temp (F°):	Wind (avg/max)	% c c			Sky		
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 2 of 2

Quino Checkerspot Butterfly Protocol Survey SHIRLEY INNVEKEN (TRAINER) Field Data Sheet Recorder: ADAM BENCE Add'l Person: DIANA JESSEV Date: 4/15/10 Project: Manzanita Wind Energy Project Map #: MANZ - /4 Survey Sxn: M/A-QCB Protocol Survey # ____2 GPS Unit : <u># 10</u> (SUBRES) Wind TIME (24-hour) Temp (F°): (avg/max) % CC Sky START ctear patchy overcast drigale shower 3/4 06 7735 clear) patchy overcast drizzie shower patchy overcast drizzle shower clear patchy overcast drizzle shower drizzie patchy clear overcast shower patchy drizzie shower cjear. evereast. Cyercast 750 4/7 1340 MAZI ctear patchy drizzle shower Habitat On-site (circle) open soils filltops, ridges) rock outcrops, soil crusts, clay soils, sid roads, various nectar sources, Tally **Butterfly Species** Total 141 41 16 APODEMIA NORMO VIEL - BEHR'S METOL MARKE 11 WHITE, UNIDERTHED 2 CAMPANEYS PERPLEYA- PLEPLEZING MAINSTREAK 2_ ERYNNIS FOREAUS FUNGAGAL DUSKYNING PONTIA PROTODICE COMMON WHITE

MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)					
SEE DIANA JE	NSENS GPS - SHAM	GPS WITH 10					
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TOTAL NUMBER OF QCB DETECTED: _______ INDIVIDUALS
Page 2 of 2

SHIRLEY INNUCKEN (TRAINER)

Recorder:_	Down	Bence	Add'l	Person: 👤	DIAJA J	£15W	Date:	4/15/	/0
Project:	Manzar	nita Wind En	ergy Project	Map #	#: <u>M4N</u>	2 /5	Survey	/ Sxn:	1/4
GPS Unit:	#	-10 (SA	(a sup)		QCB Prot	ocol Survey #	2	of	
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		
START]		clea	r paichy	overcast	drizzie	shower
0910	1/30	630	359/4.4	0%	clea	D patchy	overcast	drizzle	shower
			7.		clea	r patchy	overcast	drizzle	shower
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					clea	r patchy	overcast	drizzle	shower
END			1 _	~	clea	r patchy	over <u>ças</u> t	dri <u>zzie -</u>	shower
Habitat On	-site (circle)	open soils	Shilltops ridge	e, rock outcr	ops, soil co	usts, clay soi	ls, old roads	various ne	ectar sources
WHITE		Butterf	ly Species				Tally		Totaí
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)						
SEE DIAN	4 Em JENSENS	DATA SHEET FROM SAME DAY (4-15-10) - HAD TO						
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			Quino Chec	kerspot Br Field Da	utterfly Protoc ata Sheet	col Survey کام:	i Ney Isin	wereh.	(recined
Recorder:	Diema	Jensen	Add'i	Person: 🚹	dam Be	ЫC	Date: _	4/151	(()
Project:	Manzar	tita Wind Ene	ergy Project	Map	#: <u>14</u>		Survey	Sxn: <u>()</u>	173
GPS Unit	10				QCB Protoco	oi Survey #	_2_	of	5 .
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	1130	760	3/4	14/6	्राह्म ।	patchy	overcas)	drizzte	shower
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END	1345	7759	~4xX7	10	(dear)	patchy	oyereast-	dezzle	<u>shower</u>
Habitat Or	r-site (circle)	open soils	hilllops, ridge	rock outd	rops, soil crus	ts, clay soi	old roass,	various ne	ectar sources
Herri De	ine :	Butterfly	/ Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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STLIBEOI	Sensitive plant	(icas)
SI A STXT CR	Schedive Dient	Satisfylias (16)
STLIBEOR	Sensitive plant	(100s)
STGEVIOI	sensitive plant	(5's)
SOFWEALTS	expertise plant	95 1940 105 EBSh (50s
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Page 2 of 2 (frontside

			Quino Chec	kerspot Bu Field Da	tterfly Protoco ta Sheet 🔑	ol Survey	, INNUCE	ru Gru	HALEE)
Recorder:	D14N4	JENSEN/	Add'H	Person:4	ta Sheet 4 Dam Bea	rue	Date: _	4/15/1	0
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GPS Unit :					QCB Protocol	Survey#		of	5
TIME (2	24-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		
START	430~				clear	palchy	overçast	əlssirb	shower
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END	1335	<u></u>		100	clear	patchy	overcast	drizzle	shower
Habitat On	-site (circle)	copen soils,	hilltops, ridges	s, rock outer	ops, soil crusts	, clay soils	, old roads,	, various ne	ectar sources
		Butterfly	/ Species			"	Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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DL)+LOL	Song tire anno	1 SD hormand lizerd
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TOTAL NUM	BER OF OCR DE	TECTED: Ø INDIVIDUALS

Recorder:	Aosm 7	Scare.	Quino Che Add'l	ckerspot Bu Field Da Person:	tterfly Proto ta Sheet >4-⁄/1. √12.	col Survey SHIELI JSEL	TANUC Date:_	ued (1) 4/151	10
·roiect:	Manzai	nita Wind Ene	ergy Project_	Мар#	MAN2-	<u> 13</u>	Survey	Sxn: <i>\mathcal{L}_i</i>	<u>/4</u>
. –		(SHARED)			QCB Protoc				
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky	<u>. </u>	
START	1345	7500	4/7	H424	clear	patchy	overçast	drizzfe	shower
	- 				clear	patchy	overcast	drizzle	shower
,	<u> </u>			-1	clear	patchy	overcast	drizzle	shower
		T			dear	patchy	overcast	drizzle	shower
		- - -			clear	patchy	overcast	drizzfe	shower
					ctear	patchy	overcast	drizzte	shower
END	1545	76	1/3	100% 4421	clear	patchy	Coveress?	đrizzle.	shower
labilat O	n-site (circle	e): open soils	hilltops, ridge	es, rock outcr	ops, soil crus	sts, clay so	is, old roads	, various ne	ectar sources
		Butterfl	y Species				Tally		Total
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TOTAL NUME	BER OF QCB DET	TECTED: INDIVIDUALS

Page $\underline{2}$ of $\underline{2}$

				Lièm De	na Sneet				
Recorder:	Autone	She Gu	Attore Zaddil	Person:	Non	٠	Date: _	Hiller	0
			ergy Project						
						acol Survey#			
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	0900	68	0	5	clear	patchy	overcast	drizzie	shower
	1000	74	2m2h	O	(662	patchy	overcast	drizzle	shower
			•		tleaf	patchy	overcas!	drizzie	shower
					clear	patchy	overcast	drizzle	shower
					clear		overcast	drizzle	shower
					cjęar		overcast	drizzle	shower
END	1115	ጋና	Jmph	0	clear		overcast	drizzle	shower
	-site (circle)	open soils.	hilliops, ridges						
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		Butterfly	y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
		Plagrobothys
		Fradin
		Golda fields
		Cria
		Camasonia
	<u> </u>	Sugarbush
		Ch Strutta
		Groundprik
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 2 of 2

Recorder:	Antone	He Gutic	TODA SYTT	Person:	Nor	Q	Date: _	4/16	/10
Project:	Manzar	nita Wind Eng	ergy Project				Survey	Sxn: <u>NE</u>	of Oals Re
GPS Unit:	:	<u>/o</u>			QCB Prote	ocol Survey #	OX8±	<u>1?</u> of	<u>5</u> .
TIME (2	24-hour)	Temp (F°):		% c c			Sky		
START	1/24	78	2 mph	Ö	(clear	patchy	overcast	drizzlę	shower
	İ		,	_	clea	-	overcast	drizzle	shower
	Î	,			dea	palchy	overcast	drizzle	shower
					clea		overcasi	drizzle	shower
		1			dea		overcast	drizzle	shower
		1	_		clear			drizzle	shower
END	1500	78	2/7	0	clear	~~		drizzle	shower
			hilitops, ridges						
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		Butterfi	y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
AGNLI	Woodratnest	in rock out crop
AGNLZ	ţ:	in chanish
AGNL3	4:	in paix & recicouterop
710		Pracetic sp
		Ranchers Fiddleneet
		Sugar book
•		Erodium
		Plantopotry
		Gold Felds
		Clia
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		<u> </u>
TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS
		Page 2 of 2 Hone

			LER Add'II				Date:	4/16	10
Project:	Manzani	ita Wind En	ergy Project	Map #:	_4_		Survey	/ \$xn:	
GPŞ Unit		April 1200 July 1	<u> </u>	<u>ر أَنْ الْمُرْدِينَ مِنْ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينِ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْمُرْدِينَ الْم</u>	QCB Proto	col Survey #			<u>.5</u>
TIME (2	24-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		-
START	8:45	58			clear	patchy	overcast	drizzle	shower
START	9.05	61	3.5	\circ	Clear	patchy	overcast	drizzle	shower
	14:15	73	7-12	0	clear	patchy	overcast	dńązie	shower
					clear	patchy	overcast	drizzlę	shower
			·	į	clear	patchy	overcast	drizzle	shower
	<u> </u>		ام ا		clear	patchy	overcast	drizzle	shower
END	16:16	12	8-15/8		C-clear.	patchy	overcast	drizzle	- shewer
Habitat Or	-site (circle)	open soils,	hilltops, ridges	Cook outcro	soil cru	sts, clay soi	is, old roads	various n	ectar sources
<u></u>		Butterfl	y Species	=			Tally		Total
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	Esho,	blue		<u></u>		<u> </u>			3
Tur	Duck	4 60)	4			<u> </u>			て
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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DFULOI	Doint	1 Horned 17 sand
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TOTAL NUMBER		TECTED: (1 INDIVIDUAL C
TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS
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					na Sneet			7 1	
Recorder:	17, 140	ail	Add'i l	Person: <u></u>	Shirle	Innecl	<u>૮૯૫</u> Date:	4/16/1	<u>0</u>
Project:	Manzar	ita Wind En	ergy Project	_ Map 7	#: <u>13,12</u>	<u> 8</u>	Surve	y Sxn:	
GPS Unit :	2_						# 2		
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	09:15	625	3.6/6.6	0%	Glear	patchy	overcast	drizzle	shower
	10:36	64.5	2.5/4.3	<u> </u>	cle∳r	patchy	overcast	drizzle	shower
	12.00	<u>67:3</u>	2.1/14.4	X	ctear	patchy	overcast	drizzle	shower
	14:00	67.0		0%	Ste Ba	patchy	overcast	drizale	shower
	15:00	62.6	8.3/12.9	07	clesi	patchy	overcast	drizzle	shower
			f		dear	patchy	overcast	drizzle	shower
END	<u> </u>	<u> </u>			clear			drizzle	shower
Habitat On	i-site (circle)	copen soils,	hilitops, ridges	, rock outci	rops, soil cru	ists, clay s	oils, old roads	s, various nec	tar sources
		Butterfl	y Species				Tally		Total
Norther	Cloude	~ v`>							i
Robers	pretering	د ملا							56
Δ	14. 17				İ				6
white	50								18
5	Sp. July	,iLe							77
5	Oran	gety							6
Gree	- havis	hedi						·	2.8
Blue	5p								(
Disk	n din								188.3
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Pale		(owte.)							1
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
		Extradium do
		Goldfields *
	<u> </u>	Paperan 3 pecks +
		Printose *
		Manaite alucia X
		Arabia X
		Lin author bellus &
		Call Popper *
		Daloh blue euro
		Rialh Mostand &
		Transa Musteral X
		Wild Cucumbers &
		Buch brush *
		Plagro bothes &
		lupin - small purple yound &
		Mises's betwee
•		Peary *
		Mt Mahogua &
MHHC 13	Sershin Sp	Herney Liza D
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page <u>2</u> of <u>2</u>

Recorder	Dicor	Tenson	Add'l l	Person: ()		(Tro	uncc) Date:	417110	ì
Project: Manzanita Wind Energy Project Map #: 6 Surve						Survey	ъхи. <u>.1 \ </u>		
GPS Unit :	10			.	QCB Proto	cot Survey #	# <u> </u>	of	<u>5</u> .
TO FE 40	M b =3	T 450)-	Wind mph	% CC			01		
	4-hour)	Temp (F°):	(avg/max)		-1		Sky		
START	0000	1. a	112	<u> 20%</u>	clear		.) overcast		shower
				- 1	c lear		overcast		shower chause
					clear		overcast	······································	shower
					clear		overcast		shower
					clear		overcast		shower
	1000	-7 ~ 9/C	112-3	2501	clear		overcast		shower -
END	cito (cirola)	10 r	hilltöps, ridges	∠⊙ /b	clear		overcast	drizzle	shower
riabilai On	r-site (Circle)	· folkétii szonat	jiiiiliobs, noges	s, IOCK OUICIC	102************************************	usis, clay sol	15,[010 10805	<u>Nyanous neci</u>	ai sources
		Butterfi	y Species				Tally		Total
Dehrs	Metalina	Mer Ar	militarian P	Clue 65.55		WT 446	W MUM	MAK W K	45
		•	77.4 OCM			YK JIKM		4:1:::	13
						1111			4
Post	MIN'	371	yonis sa Lastanat	100 m 200 200 m	(V - 2 () -	[11]			3
8 (17)			154 SP.			#	•		2
Surve	1 Salti N	1,	Anthoch	000 S.A.10	س	<u>01</u>			3
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
DJHL01	-DJHLO1 Sen Anima	Son Diego Harned Lizard
DJHL02	n u	11 [©] 4
DJYLOB	p 0	ti ti
DTHLOH	g &	9
DJHL05	n u	n u
DIHLOS	ti n	ł: }
		- EIELV=**
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TOTAL NUM	BER OF QCB DE	TECTED: Ø INDIVIDUALS

Page 2 of 2

			Quino Chec		rtterfly Proto sta Sheet				,
Recorder:	M. He	6.5K	Add'l	Person:			Date:	4/17/	2010
			y Project			·	_ Survey Sx	,	
GPS Unit					QCB Protoc			of	. 5
TIME	24-hour)	Temp (F°):	Wind (avg/max)	% cc	He 24		5ky		Haz
START	9'00	647	67/93	100% this	cliva clear	patchy	overcast	drizzie	shower H=3
	10:00	65.6	4.5/37	Ha.51	clear	patchy	overcast	drizzle	shower
	11:30	70-2	4.9/17.6	1	clear	patchy	overcast	ďrizzle	shower
	13:30	68.2	4.8 /9.0	<u> </u>	clear	patchy	overcast	drizzle	shower
<u> </u>	15:00	70.1	28/50	 	clear	patchy	overcast	driżzle	shower }
				<u></u>	clear	patchy	overcast	drizzle	shower W
END.		.,			clear	patchy	overcast	dr <u>izzla</u>	shower
Habitat Or	n-site (circle)	open soils	hilltops) ridge:	s, rock outer	ops soil crus	sts, clay soil	scold roads	Wartous no	ectar sources
		Butterfl	y Species				Tally	•	Total
laleater	ntailed 1	olue							533
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
		Peany
		erodin
		D. Adlenek
	<u> </u>	Parcon
		Born baderis
		M+. Mahogany
T- 15-2 III		Poison oak
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		parter or in rose
		Manate
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		Balon blue eyes
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	·	Desert Dandelin
		Tidy tips
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I OTAL NUM	BER OF QCB DET	ECTED: O INDIVIDUALS

Project: Manzanita Wind Energy Project Map #: TILE 170 Survey Sxn: FILE 12 GPS Unit: GARMIN 3 QCB Protocol Survey # X 2 of 5
GPS Unit: GARMIN 3 QCB Protocol Survey # 12 of 5
TIME (24-hour) Temp (F°): (avg/max) % CC Sky
START 1350 76 Ø-3 MPH 100 clear patchy overcast drizzle shower
(400 ₹6 Ø⇒3 mPH 100 clear patchy overcast) drizzte shower
1500 75 Ø 4 MPH 100 clear patchy overcast drizzle shower
1600 75 9-> 2 M94 100 clear patchy overcast drizzle shower
clear patchy overcast drizzle shower
clear patchy overcast drizzie shower
END clear patchy overcast drizzle shower
Habitat On-site (circle) open soils, hilltops ridges, rock outcrops soil crusts, clay soils, old roads various nectar sources
Butterfly Species Tally Total
PERPLEXING HAIRSTREAK TALLY IN FIELD NOTEBOOK 7
CALIFORNIA MARBLE " 6
BEHO'S METALMACK " 85
PAINTED LADY " Z
BROWN ELFIN " 2
FUNEREAL DUSKYWING
ACMON BLUE " &
SARA ORANGETIP " R
SPRING WHITE " 70
CALIFORNIA PATCH " 1
CALIFORNIA FORTOISESHELL "1 1
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page Z of Z

			Quino Checl	kerspot Bu Field Da		ocol Survey	,		
	M. H	enth	Add'l F	erson:			Date:	4/18/	<u> </u>
Project:	Manzar	nita Wind En	ergy Project	Мар #	8,6	f	Surve	/ Sxn:	
GPS Unit :					QCB Proto-	col Survey #		of	5 .
TIME //	24-hour)	Temp (F°):	Wind (avg/max)	% CC		<u> </u>	Sky		
START	09:00	66	O-2	50%	clear	palchy	overcast	drizzle	shower
	11:00	68.6	5-8/4.7	10%	ctear	palchy	overcast	drizzle	shower
	13:00	71.2	4.6/10.9	0%	dear	patchy	overcasi	drizzle	shower
	15:00	70.2	55/106	02	dear	paichy	overcasi	drizzte	shower
			,		c le ar	patchy	overcast	drizzle	shower
<u></u>					clear	patchy	overcasi	drizzle	shower
END	L <u>.</u>				clear	patchy	overcast	drizzle	shower
Habitat Or	n-site (circle)): open soils,	hilllops, ridges	, rock outer	ops, soil cru	sts, clay sof	ls, old roads	, various n	ectar sources
		Butterfl	y Species				Tally		Totai
Dusk	70005					1//			5
White	(20)								100+
Arma	Blog								17
Green	heirst	red							12
Beh	v's meta	munh							100 +
Blue	50.								9
Sano	Nam.	4.0				7 24 4 - 4 - 4 - 4 - 4 - 4 - 4 -			2
Desert	- Marbi	<i>Y</i>							7
	visc 3								Ĭ
Sprin	whil	- محد د							15.
(7455									1
Vane									5
Perte		on bail							15+
\(\sigma\).	ع حاليدا		botterfly,						

MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
		Fradium Tida tipi
		Wild Country Phacelia
		Scrub och Gold fields
		Crater Counthus Paysons Javel
		Manute White them
		Mt. Mahogany caruthy
		Poison Oale
		Fiddlenesh
	<u> </u>	Porcon
		Primose
		Miner's lettuce
	· · · · · · · · · · · · · · · · · · ·	Arabus
		Place bottyce
		Call Carry
		Tans moster
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	1	Baby blue ecre.
		Uvela
18.0. Julius Parrior 10.00	01 11	Don't Do Jaly
MHCHIO	Host Plat	# Chinese Houses
MHCHIL	16 4	1000
MHCH12	11 10	10 " NEW MHQBO3
MHP510	Sout al-t	Payson's senel - wellow ; enel
MHHL12	Sursitivi Spec	Herney Lizard
MIHL16	of No	(1 10
MHQBOS	QCB	QCB sighted/pretaken 0561838/3622727
MHQGOY	7.7	" no DE 056 1479/36227/9
רטביטחו		100 pic 13611/1/3622/1/
		<u>" "</u>
TOTAL MILIM	BER OF QCB DE	TECTED: 2_ !NDIVIDUALS
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Page 2_ of 2_

Recorder:	DAUE	FLIER	Add'i F	erson:			Date:	4/91	10
Project: Manzenita Wind Energy Project			Мар	#: 4 .		Survey	/ Sxn:		
GPS Unit :	_6				QCB Proto	ocol Survey #	2	of	<u>5</u>
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	10:40		5-8 (10)	3/)	clear	patchy	overcast	drizzle	shower
	12:40	83	5-10 (15)	70	Clear		overçast	drizzle	shower
	1				clear		overcast	drizzię	shower
					clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
END					clear	patchy	overcast	drizzie	shower
Habitat On	-site (circle):	open soils	, hilltops, ridges	, rock outc	rops, sail cru	usts, clay soil:	s, old roads	, various nec	ctar sources
	•	Butterf	ly Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: Ø INDIVIDUALS
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Quino Checkerspot Butterfly Protocol Survey

, Freid Data S	neet		1	1
Recorder: Add'l Person:	-	Date: _	<u>oy //</u>	01CC B
Project: Manzanita Wind Energy Project Map #;	.—			
GPS Unit : 2 qc	B Protocol Survey #	3_	of	<u>5</u> .
TIME (24-hour) Temp (F°): (avg/max) % CC		Sky		
START 0920 0 3 2,46 50 / 1028	clear (paich)	overcast	drizzle	shower
1000 68 6 2 1/30 606 have	ctear patchy	overcast	drizzle	shower
1100 71.3 2 4 38 30/16/10 10 10 12 3 3 5/60 20/16/10	обеат ранслу	overcast	drizzle	shower
120° 123 3 5/50 201 hote	palchy	overcasi	drizzlė	shower
1200 71.2 3.010.2 20 hour	(deap paichy	overcast	drizzle	shower
1400 13.1 21/3.8 07	(Gear patchy	overcast	drizzle	shower
END 500 7(3 13 1-3 0%	olegi: patchy	overcast	drizzle	shower
Habitat On-site (circle): open seits; militops, ridges, rock outcrops,	soil crusts, clay soil	s, old roads,	varjous ne	ctar solyrces
Butterfly Species		Tally	<u></u>	Total
perploxing half streak	11	I GLIY	· · · ·	2
painted lady	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s			4
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
		plagiobotys
		cuplea-1 ceanothus
		ero dile M
		COKA
		CAOU
		CATH
		Wess
		striped racer
		HOLA
		Wpinus bicolor
		Nemophila wen
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		thus integrations
Ως «Π Δί	La col col (ab li bon	enogonum
Pochol	nost-plant-pop	= 15 collinsia, most in doom, some just stand
BCQB01	Inamdial	1325 fresh condition; landed on popular funer, bright orange bands, & nuphrol / lamed for = 5 sec than took off
w	-·- <u></u>	flund, bright orange bands, I aughoto!
Same and		landed for = 5 sec than took off
340101	u∧d.	Orange-throated uniptail
	· <u> </u>	
TOTAL NITINA	BER OF QCB DE	TECTED: INDIVIDUAL:

Page 2 of 2

Pospeder .	Den io	Ecurto	<u>er</u> Add'i	Person:			Date:	41190	10
Recorder	Manza	meter	<u> </u>	, ersun	 -	·		714	
Project:	Gampe	Wind Energ	y Project	Map#:_	5 .	·	Survey Sxn:	·	· · · · · · · · · · · · · · · · · · ·
GPS Unit :	6				QCB Proto	ocof Survey #	<u> </u>	of	5
71345 (0			Wind	% cc	Ţ		Sky		
START	4-hour) 12:45C)	Temp (F°):	(avg/max)	30	clea	patchy	overcast	drizzle	shower
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					clea		overcast	drizzle	shower
~					clear		overcast .	drizzle	shower
		·- 	·		clear		overcast	drizzle	shower
		·····			clear	patchy	overcast	drizzle	shower
END	15:20	78	10-1562	50	clear		overcast	dńzzie	shower
Habitat On	-site (circle)	: open soils,	hilitops, ridge:	š, rock outc	rops, soil cr	usts, clay soils	s, old roads, v	arious nec	tar sources
		Butterfl	y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS! SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL MILIMAD		FOTED.
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Page 1 of 2

Recorder: Andone He Contrervez Add'l Person: Shirly Innackan Date: 4/19											
Project: Manzanita Wind Energy Project Map #: TILE3 survey Sxn:											
GPS Unit	:(QCB Protocol	Survey #	_3_	of	5	<u>.</u>	
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% cc		<u></u>	Sky				
START	ilen	76	123	10	clear	patchy	overcast	drizzle	shower		
'	1200	74	6673.7	10	(clear	Parchy \	overcast	dzizzle	shower		
•	300	70	3142	١٢	ctear ((Vegen)	overcasi	drizzle	shower		
	1400	138	3147	40	clear'	(patchy)	overcast	drizzle	shower		
	1510	78	3 4.2	50	ctear	patchy	overcast	drizzle	shower		
·					clear	patchy	overcast	drizzle	shower		
₽ND					rlear	natchy	overcast	drizzle	Shower		

Habitat On-site (circle), open soils, hilitops, ridges, rock outcrops, soil crusts, clay soils, old roads, various nectar sources

Butterfly Species	ith just little Tally Att His let	Total
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People's on the refresh-	<u>iut</u>	5
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Mournful Dockywing	1	į
Unid write O	n\-	3
Uniad white 0	tr .	<u>ک</u>
Forenes 1 Patky with	1	1
Rent White (Bolleri.)	7:1	<u></u> 4
Doman Blue	gr 1	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
Firety Skip per	\(\)	
Common White	H	ጐ
Pale Swallowbail	1	
Brown elfin		. 1
Painted lasin		_1
Hartard Sulphan	1	
Southern blied	ļ,	1
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MAP/GP\$ LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
SHA400 20"	Astr do	120 plants
AGNI 1	woodrat nost	in rockouterop
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		Carrisoni n. So.
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	<u>-</u> .	Crystantha 3p.
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Page Z of Z

Recorder:	Diane	Jensen	Add'i	Person: <u>S</u>	leve. R	υK	Date:	4/1911(<u>)</u>
Project: Manzanita Wind Energy Project Map #: Survey Sxn: 1 / A									
GPS Unit :	9				QCB Proto	col Survey #	3 47	of	5 .
TIME (2	4-hour)	Temp (F*):	Wind (avg/max)	% CC			Sky		
START	1348	70°	3/5	3000	clear	Co ate hy	overcast	drizzie	shower
					ctear	palchy	overcas(drizzie	shower
				ĺ	çtear	paichy	overcasi	drizzle	shower
					ctear	patchy	overcast	drizzle	shower
		1			clear	•	overcasi	drizzie	shower
					clear		overcast	drizzie	shower
EMD	15.16	75-0	2/14	70%		paletui	ountenel		
Habitat On	reite (circle)	<u>I → C</u> Nachien shilev	고/니 filllops) ridge	s mak puta	one soil cu	reis ctav soile	s (old roads)	Various pa	ctar sources
	rate (circle)	Open sons	miliops, noge	s, took outc	Ops, son cit	isis, city son	3,012 10203	C dambus ne	
		Butterfl	y Species	-	T		Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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OTAL BUILD	BER OF QCB DE	TECTED: Ø INDIVIDUAL

Page 2 of 2 (ficit side)

GROCE COLLEGE STORE AND LECT Quino Checkerspot Butlerfly Protocol Survey Field Data Sheet

76 /C	- A.			Field Da	ita Sheet				
Recorder	$\mathbb{D}_{i\leq n\leq n}$	Jens	<u>€∩</u> Add'l	Person: 💆	Heve B	iak	Date: _	4/19/1	<u> </u>
Project: _	Manzar	nita Wind End	ergy Project	Map #	#: <u> </u>		Survey	Sxn: 🔼	IA
GPS Unit	9				QCB Protoc	ol Survey#	Q .S	of	<u> 5 </u>
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	1055	$\mathcal{C}_{\mathcal{S}_{\mathcal{O}}}$	111	25%	clear	(patchy)	overcast	drizzle	shower
	1120		518		clear	Spatchy	overcast	drizzle	shower
					clear	palchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzie	shower
	<u> </u>				clear	patchy	overcast	drizzle	shower

END 1301 709 319 10% (clear) patchy overcast drizzle shower
Habitat On-site (circle): open sells, hilltops, ridges, lock outcrops soil crusts, clay soils, did roads, various nectar sources,

Butterfly Species	Tally	Total
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Ben's metalmant continued	Het Het Het Het Het Het III	<u> 60</u>
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS! SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL BUILDA		FOTED: 64
TOTAL NUM	BER OF QCB DE	rected: 💯 individuals

Page 2 of 2 from side

Recorder:_	Diene	Jense	Add'l1	Person: <u>Mc</u>	<u> </u>		Date:	4120	110
			ergy Project						
GPS Unit :				(QCB Protoc	ol Survey#	ى، (مدر	01 J	o mep) 5
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TIME (2		Temp (F°):	(avg/max)	% CC		<u>-</u>	Sky		
START	<u> 1360 </u>	71	8/13	45	cjear	patchy	overcast	drizzle	shower
<u>EWD</u>	1345	71	15+	45	ctear	Cpatchy	overcast	drizzle	shower
<u>- START</u>	1400	<u> </u>	19/13	ا کہا	clear	<u>Cpatcffy</u>	overcast	drizzie	shower
$\mathbb{Z}N3$	1412	71	<u>8/13</u>	45	clear	patcky	overcast	drizzle	shower
				· · · · ·	c#st.	patchy	overcast	drizzle	shower
				··· ·————	çlear	patchy	overcast	drizzle	shower
END					clear	patchy	overcast	d <u>rizzte</u>	shower
Habitat On	-site (circle)): open soils(hilltops, ridges	s, rock outero	ps, soil crus	sts, clay sons	s, Old roads	ovarious n	ectar sources
		Butterfly	y Species				Tally		Total
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Page _ of _ Q (backside)

MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUME	BER OF QCB DET	ECTED: O INDIVIDUALS

Page 2 of 2 (frontside)

Recorder: DAUE FLIETNER Rate Person:	Date: <u></u>	110
Project: Manzanita Wind Energy Project Map #: 5	Survey Sxn:	
GPS.Unit: QCB Pro	•	_5
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Habitat On-site (circle) open soils, fulltops, ridges, rock outcrops, soil	crusts, clay soils, old roads, various ne	ctar sources
Butterfly Species	Tally	Total
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for lower grews ; could not)		
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page of ____

Recorder:	Antone	the (st	<u>Evrvî. Z</u> Add'l	Person:(Jone_		Dale: _	4/20/10	<u> </u>
Project:	Manzan	ita Wind En	ergy Project	Мар	#: <u>13</u>		Survey	Sxn: 1/4.	
GPS Unit :	,					ocol Survey#	3_	of	5 .
TIME (2	24-hour)	Temp (F°):	Wind (avg/max)	% cc		1015 P	(levels sky		
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	1355	68	4.9 6 M	40	clear	(patchy)	overcast	drizzle	shower
	1455	عا عا	2.3/13.0	40	clear	palchy)	overcast	drizzi <u>e</u>	shower
	1000	. <u> </u>			clear	palchy	overcast	drizzle	shower
	 	7	10 - 16ab	: : /\	çi <u>ça</u> ı	palchy	overcast	drizzle	shower
END	1600	67	4,2-160	40	clear		overcast	drizzle	shower
Habitat Or	n-site (circle)	: open soils,	, hilltdps, ridge	s, rock outc	rops, soil cr	usts, clay soils	s, old roads,	various nec	tar sources
		Butterfi	y Species			भा भाग	Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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A645005	N	a.yo1 + 32-12
ACHL 2	Actropalis do Honed Lizeral) P () () ()
AGNL 3	Woodest Nost	along for ce Sudy Mail
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	7-1-	gopher smake two stripes racer, side blobded I range
		AMUR, EVES S, COBU, YEWA, RITHA, TUVU
A619500 1	12 tragalis	approx 10 plants agreed out
16/15/10 2	Astrospics	approx 2 "
_ <u>_</u>		
TOTAL NUM	BER OF QCB DE	TECTED: / Q) INDIVIDUALS

Page 2_ of ___

			Quino Chec		utterfly Protoce ata Sheet	o! Survey	1		
Recorder	M. He	a11	Add'l /	Person: <u>/</u> }	ndrew Fishe	15-1 <u>4</u>		4/24/1	6
Project: _	Manzar	nita Wind En	ergy Project	_ Map :	#:		Survey	Sxn:	
GPS Unit	:6_	 			QCB Protocol	Survey#		of	<u></u>
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		
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	10:30	70.5	22/3.7		cidar	paichy	overcast	drizzle	shower
	11-30	69.8	3-5/7-7		clear	patchy	overcast	drizzle	shower
	13:30	72.3	2.1/2.8		dear	palchy	overcast	drizzie	shower
	15:30	70.5	8.0/115		clear	patchy	overcasi	drizzle	shower
	1	-	7		\ clear	paichy	overcast	drizzle	shower
END	1		[clear	paichy	overcast	drizzle	shower
Habitat Or	n-site (circle)): open soils,	hilltops, ridges	s, rock outer	rops, soil crusts		is, old roads,	, various nec	ctar sources
		Butterfl	y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Recorder: M. Heath Add'l Person: T. Deaging Date: 4/23/10 Project: Gampo Wind Energy Project Map #: 13, 8 Survey Sxn: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Unit: GPS Un
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13:30 59.8 3.6/7.5 clear patchy overcast drizzle shower 14:30 60.8 6.5/9.8 clear patchy overcast drizzle shower 16:00 54 f 7.5/10.9 clear patchy overcast drizzle shower END
19:30 60.8 6.5/9.8 volend patchy overcast drizzle shower 16:00 59 7 7.5/0.9 clear patchy overcast drizzle shower END clear patchy overcast drizzle shower Habitat On-site (circle): open soils, hilltops, ridges, rock outcrops, soil crusts, clay soils, old roads, various nectar sources Butterfly Species Tally Total Sala crange typ Soling white Grown hairstreak Bohr's Metalmunk 53
16:00 54 F 75/0.9 clear patchy overcast drizzle shower END ctear patchy overcast drizzle shower Habitat On-site (circle): open soils, hilltops, ridges, rock outcrops, soil crusts, clay soils, old roads, various nectar sources Butterfly Species Tally Total Sala crange typ Soling white Bohic's Metalmont 53
Habitat On-site (circle): open soils, hilltops, ridges, rock outcrops, soil crusts, clay soils, old roads, various nectar sources Butterfly Species Tally Total Sala crame top Soling white Bahr's Metalmont Sala crame to p Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling white Soling whit
Habitat On-site (circle): open soils, hilltops, ridges, rock outcrops, soil crusts, clay soils, old roads, various nectar sources Butterfly Species Tally Total Sala crame top Solina white Green hairstreak Bahr's Metalmunk 53
Butterfly Species Tally Total Sara oxame top 3 Sorina white 1 Bohr's Metalmont 5
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Sorina white Brown hairstreak Bohr's Metalmonk 53
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUMBER OF QCB DETECTED: _____ INDIVIDUALS

Recorder:_	Kyle I	nee	ergy Project	Person:			Date:	4 23	12010
Project:	Manzani	ta Wind End	ergy Project	Map #	::		Survey	/ Sxn:	1
GPS Unit :	3				QCB Protoc	ol Survey#	2	of	<u>5</u> .
TIME (24	l-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		
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Habitat On-	site (circle):	open soils,	hilltops, ridges	rock outer	ps, soil crus	sts, clay soils	, old roads	various ne	ctar sources
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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Recorder: DACIO FLICTUP Add Person: Project: Menzanta Wind Energy Project Map #: Survey Sxn: Till I GPS Unit: 3 of 5 TIME (24 hour) Temp (F*): Invalidation 9 % CC Ges patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate shower clear patchy overcast distate sho	Recorder:	DAVUE	FLIC	TUPAdd'I	Person:			Date:	9/23	110	_
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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Page 2 of 2

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Project: _	Gampo	Wind Energy	y Project	Map #: _	<u> </u>			Survey Sx	kn:	
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END	1600	73	4-7	و ناموه	clea		patchy	overcast	drizzle	shower
Haoitat On	i-site (circie)	: open solls,	hilltops, ridges	s, rock outc	rops, son o	นรเร	, cray sons	, Old Toads	, vanous ne	scial sources
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Quino Checkerspot Butterfly Protocol Survey

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Recorder	17. Hz.	atl	Add'I	Person: _	F Beign 5, 12, 15	144	Date: _	4/25	-/10_
Project: _	Campo	Wind Energ	y Project	_ Map#:	5 , 12, 15	•	_ Survey Sx	ຫ:	·
	_								
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	()8:30	72.5	1.5/2.1	0%	(clear)	patchy	overcast	drizzle	shower
	11:00	רק	1.2/3.8		clear	patchy	overcasi	drizzle	shower
	13:00	73-1	1.2 /4.4		clear	patchy	overcast	drizzle	shower
	15:00	72.3	1.8/3.1		diear	patchy	overcast	drizzle	shower
	T			7	¢lear	patchy	overcasi	drizzle	shower
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END			, , , , , , , , , , , , , , , , , , , ,		clear	patchy	overcasi	drizzle	shower
Habitat Or	n-site (circle)): open soils,	hilltops, ridges	s, rock out	crops, soil crusts	s, clay soi	s, old roads,	, various ne	ectar sources
		Butterfi	y Species				Tally		Total
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Behr	's metal	mark							904

Butterfly Species	Taily	Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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Recorder:_	Kyle	Ince	AddTI	Person:			Date:	14/26/	10	
Project:	Manzar	nita Wind En	ergy Project	_ Map a						
GPS Unit :	_3_				QCB Proto	col Survey #	3	of	<u>5</u> .	
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Habitat On	i-site (circle)): open soils,	Militops, (idges	ock outer	rojos, soil cru	ısts, clay soil:	s, old roads	(various ne	ctar sourcés	•
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPS SPECIES LIST (NECTAR SOI	PED POLYGO JRCES, GENE	S AND GPS P	OINTS/
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6/KIADP3		80 11		<u>؟ يا</u>	35
6KRNI	16	Raptor nest in	Cotton wood	d	
OK. Adla	и <u> </u>	Yellow Barsted Cook to	tard from	- Romannie	-
Ejsci Ad PS		Astrojalus dougla	~ (30 .	pourship 1	1
	Point	At CF		25	Ů
6/1c. nd P6		<i>EC</i>	. n	~ 3	
6/KiAdP7	1	4 4	1.3	~ 5	
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6 (CIAOPS			louglas	1 9am	Jul. 1
E/IC Ch 1		Collinson Don	color l	× 10 4	JL 20 \$ 50
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6/Ki (h3	<i>i</i>)	ļ\\	<u>~</u>	~ 25	:
6/K; h-1		<u>'''</u>	<u> </u>	50	
6/16: C1 5	ø.	<u> </u>	fı		
6/Ki Ch 6	<u> </u>	и	6 /j	ひ変	
6/K: h7		<u>₩</u>	ų [†]	1 10	
0/1/: Ch 8	1		14 • (<u>~ 25 _</u>	
6 K, CA 9	· · · · · · · · · · · · · · · · · · ·	<u>, l</u>		ہ 52 کے 	
6/K, 5+, r	i t	Black 4 to 1 to	tor Jack	- Rubbit	3-
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TOTAL NUMBER		FOTED:		(6.155.0.22	
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Recorder:	DAU	D FL	1 (T) 1/4 By	Person:			Date:	4/26	7/0
Project:	Manzan	ita Wind End	ergy Project	Map#		2		/ \$xn:	
GPS Unit	<u> </u>	-TF- Y			QCB Protoco		<u>. 3</u>	of	<u>5</u> .
	24-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		<u> </u>
START	9400	65	0/2	10	clear		overcast	drizzle	shower
	<u> </u>			-	clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzie	shower
					clear	patchy	overcasi	drizzle	shower
	7777		752	20	· Crear	patchy	overcast	drizzle	shower
END	1418		0-3		ciear)	patchy	overcast	drizzle	shower
Habitat Or	i-site (circle)	: open soils,	hilltops, ridge	s, rock outer	ops, soil crust	is, clay soi	is, dia foads	, various n	ectar sources
	·	Buttoeth	y Species /				Tally		Total
\sim	- 1/O	Societies 1	y species	<u> </u>		1	Tany		Q'Otan
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: Ø INDIVIDUALS

Page 2 of 2

Recorder:	ADAM	BEHLE	Add'l	Person:	 -			Date:	4/26/1	<u> </u>
Project: Manzanita Wind Energy Project				Map #: <u>M442</u>			Survey Sxn:			
GPS Unit :	GARM	1N 5			QCB Proto	col	Survey#	_3	of	5
TIME (2	4-hour)	Temp (F*):	Wind (avg/max)	% CC				Sky		
START				<u> </u>	clear	-	patchy	overcast	drizzle	shower
	0852	72°	. 0/1	10%	Cileár	\geq	patchy	overcast	drizzle	shower
			· · · · · · · · · · · · · · · · · · ·		clear		patchy	overcasi	dńszie	shower
				ļ.,	clear		patchy	overcast	drizzie	shower
					clear	-	patchy	overcast	drizzle	shower
			_		clear	r	patchy	overcast	dńzzie	shower
END	1120	SF 74	3/7	106_	clear		patchy	overcas:	drizzle	<u>shower</u>
Habitat On	-site (circle	open soils.	billtops? ridge	S) € Cck outc	rops/soil cr	usts,	clay soils	Old roade	various ne	ctar sources
		Butterfl	y Species					Taily		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: Ø INDIVIDUALS

Page ____ of ___

Recorder:	Aoan	ВЕнис	Add`i	Person: _			Date: .	4/261	10
Project:	Manzar	nita Wind End	ergy Project	Мар	# MANZ	. 14	Survey	(Sxn:	
GPS Unit	CAAM!	<u>, 5</u>			_ QCB Proto	col Survey #	3_		<u>5</u> .
TIME (24-hour)	Temp (F°):	Wind {avg/max}	% cc			Sky		
START	11.45	77°	2/7	15%	etear	patchy	overcast	drizzte	shower
	<u> </u>				ctear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
					ctear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	dńz zie	shower
	T		<u> </u>		clear	patchy	overcast	drizzle	shower
END	1510	34°	2/7	5%	clear		overcast	dńzz <u>le</u>	_ shower
			hillions ridge						
					, 				
~		Butterfl	y Species				Tally		Total
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7/400	<u> </u>	7416-				1 July 144	2AT 11		17
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
ABCHO!	POINT	APPROV 25 COLUMNIA CONCOLOR IN FLOWER NORTH
. <u>.</u>		OF Poym Pour X-44278
ABCHOZ	Point	APRNOX 8
48 сноз	POINT	APPMOX 4
Авсноч	POINT	APPROX 25 UNDER BANGED WIRE FENCE
48C4105	Point	APPROX ZOO
<del>А</del> ВСНО ^С	POWT	4990× 3
Авсно7	Point	APPROV 30
Авснов	Pomet	APPROX 15
TOTAL NUM	BER OF QCB DE	TECTED: Ø INDIVIDUAL

Page 2 of 2

Recorder:_	Antone	the Go free	MEZ_Add'I	Person:	Mone		Date:	4-26	~10
Project: Manzanita Wind Energy Project Map #:				# Jule 4		Surve	y Sxn:		
GP\$ Unit :	12	`			QCB Proto	ocol Surve	y#_ <u>3</u>	of	5
TIME {2	4-hour)	Temp (F*):	Wind (avg/max)	% CC	T		Sky		
START	64 30	76	0/2	2	රුණිව	) patchy	- · · · · · · · · · · · · · · · · · · ·	drizzie	shower
	1130	79	1.5/5	â	्रहर्वे इस्त्री	patchy	/ overcast	drizzle	shower
	1030	γ̈́δ	15/5	å	dear	<del></del>		drizzle	shower
	1430	Хo	15/5	,	(Real	patchy	overcast	drizzle	shower
		- · · -			clear	patchy	overcast	drizzle	shower
					clea	ι, patchy	/ overcast	drizzle	shower
END	1630	79	1515	2	Clea	patchy	/ overcast	drizzle	shower
Habitat On	-site (circle)	coen soils	hillions ridge	s, rock outo	rops, soil cr				
		Butterfl	y Species				Taily		Total
Hohice.	44 a fr. 1 -	a/15				78			80
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Peer	while					HET (14)	1111		lio
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- Kiloses Pensko	<u>reas   120</u> al (a alu	<u>sky w</u>		<del></del>		HK (1			8
Parol	evera la	g airstre	a.K				i. '		事3
	Swallow					11/1	-		34
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MAP/GPS LASEL	PQINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
AGCH 1	Chinese Houses	56-60
AGCH7	L,	30-\$00
ABCH3	ls .	10-50
AG-CH4	1	10-50
AGUHS	5	20-50 Contracts
AGCHO	<u>,                                     </u>	Contraospatch from #5
AGCH 7	t,	end point
44CH8	í ₂	point for poly Seeming
HGCHO	. 61	50-100
AGCHIO	ı.·	100-500
AG CHI		end point for goly to 0
Ab(Ut)2	į l	5-100
AG PODO)	Astrona V3	- tO
15002-	Astragalis	<i>≥</i> 0-30
AGCH13	Crinese Houses	7500
AGCHIY	1 5	10-50
AGCH 15	Li	フ1000
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 2 of 2

			Quino Che		utterfly Prot ata Sheet	ocol Survey				
Recorder:	BLIK	LALOSIE	& Add'1	Person:	- Anora	w fisher	Date: _	4/26/	[ D	
Project:	Manzan Manzan	स्∔A Wind Energy	y Project	Map #:	2,3		Survey Sx	:n:	<u> </u>	
GPS Unit :					_ QCB Proto	col Survey #		of	5	
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky			
START	0900	48	8/u	5	Clear	palchy	overcast	drizzle	shower	
	2.00	80	2/4	5	clear	patchy	overcast	drizzle	shower	
				ļ	clear	patchy	overcast	drizzle	shower	
				<del> </del>	clear	patchy	overcasi	drizzle	shower	
				<u> </u>	clear	patchy	overcast	drizzle	shower	
	~ ~ ~		/.	ļ.,	clear		overcast	~~ ~	shower	
END		71	4/3		ctear	,,	overcast	drizzle	shower	
Habitat On	-site (circie)	: open sons,	hilitops, ridge	S, FOCK QUIC	rops, son cri	ists, clay som	s, ola roaas,	various ne	actar sources	
		Butterfly	y Species				Tally		Total	
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Sara	Ovanson	r	·- —·····						Z	
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)						
ELHL01	۴٠	Sun Diego Hornes Lizars						
ELHLOZ	7,	/1 × //						
		Las Cal						
		Erodium G.						
		Collinsia heterophylla						
		Playio. St.						
		Layra Glandulosa						
		AMSINKIA MONZICILI						
		Baby blue Cycl						
· · · · · · · · · · · · · · · · · · ·		Copine CP.						
		Chia Cammisonia St.						
		· ·						
	<u> </u>	Emminanthe peduliblic						
		Pracelia G. Bush Porpy.						
		Dush 100pg.						
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TOTAL NILISA	BER OF QCB DE	TECTED: -A- INDIVIDUALS						

Page 2___ of 2___

## Quino Checkerspot Butterfly Protocol Survey

				Field Da	ta Sheet			.1	,
Recorder:_	S Rin	C (Mg	Ado"	Person:		<u>.</u>	Date: _	4/26/	10
Project:	Manzan	ita Wind En	ergy Project	Мар т	#:		Survey	Sxn:	
GPS Unit :	^					xcol Survey #	4	of	5
			Wind		· · · · · · · · · · · · · · · · · · ·		<u> </u>		
TIME (24		Temp (F°):	(avg/max);	2-5	dloor	patchy	Sky overcast	drizzie	shower
START (	0930	70	2-3/5	2.5	ctear		overcast	drizzle	shower
1	040 130	90	35/6	25	clear	~- <b>4</b> 2/	overcast	drizzle	shower
	230	108	3.5/6	2-5	clear	7	overcasi	drizzle	shower
<del></del>	348	50	2315	25	dear		overcasi	drizzle	shower
	441	79-	1-2/3	2-5	clear	palen	overcast	drizzle	shower
END (	530	07	195-13	3-8	clear		overcast	drizzle	shower
Habitat On-	site (circle)	open soils.	, hilltops, ridge:	s, rock outc	rops, soil cri	usts, clay soils	s, old roads.	various nec	gar sources
		Butterfl	y Species				Tally ,		Total
Robsi	Mich	alman	<u> </u>			THE WITH	M-74/111-11	<b>广州</b>	45
Elin.	.14.					111	<u> </u>		3
Pentra	140					· · · · · · · · · · · · · · · · · · ·	-11 -1115		17
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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Page 2 of 2

Recorder:_	DAVE	೯೭೮೪	Add'l I	Person:			Date: _	۲/2	H/0
Project:	Manzan	ita Wind En	ergy Project	Мар	#: <u> </u>	Survey Sxn:			
GPS Unit :	2			. <u>.</u>	QCB Protoc	ol Survey#			
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky	;	
START	12:25	74	5.9	/a : :	clear	> patchy	overcast	drizzle	shower
	15:00	74	7-12	25	clear	patchy	overcast	drizzle	shower
			l	,	. clear	patchy	overcast	drizzle	shower
	,	1	•		dear	patchy	overcast	<b>d</b> rizzte	shower
		7		Same a	clear	patchy	overcast	drizzte	shower
				·	clear	patchy	overcast	drizzte	shower
END	15:45	<b>‡</b> 4	10-15 (25)	25	ctear	Datchy	overcast	drizzte	shower
Habitat On	-site (circle)	open soils,	, hilltops, ridges	, rock outd	rops, soil crus	sts, clay soils	, old roads.	various n	ectar sources
		********	y Species	<u></u>	<del>-/</del>		Taller		Total
<del></del>		t ()	y Species		<del></del>	য় : :	Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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		Lostono SAV
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		Linconthus Commonic
		Luia Shand
		Lubih Oronc
		Control School
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<i>:</i> ·		Solanum stinshil?)
		Salv col.
		Last cal
DECHOZ	pall	Collinsia
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TOTAL NOW	BER OF QCB DE	INDIVIDUALS

Page _____ of 2____

Recorder:	DAVIC	عا≏ا د	<del>T≳JE</del> [€Add"I	Person:	t		Date:	4/2	7//0
Project:	<u>_esmb</u> o , M(k ki	Mind Energ	y Project	Map#:_	!		_ Survey Sa	kn:	<i>,</i>
					QCB Protoco	l Survey#	4	of	<u>. 5 .</u>
	24-hour)	Temp (F°):	Wind (evg/mex)	% cc			Sky		
START	08:45	65	3-6	10	Clear	patchy	overcast	drizzle	shower
	[: 0a	7-2-	710	10	Clear	palchy	overcast	drizzle	shower
	"				çlear	patchy	overcast	drizzle	shower
					clear	palchy	overcast	drizzle	shower
					clear	patchy	overçast	drizzle	shower
	/2:/0				clear	patchy	overcast	drizzle	shower
END	12:40,	7-4	₹-8	10	Clear	patchy	overçast	dr <u>izzlo</u>	shower
Habitat Or	r-site (circle)			s, rock outo	rops, soil crust				ectar sources
		Butterfl	y Species				Taily		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)							
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS							
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Page ______of _____

Recorder: PM-nut	for from 2 Add	l'I Person:	None		Date.	4/21	10
Project: Manzan	ita Wind Energy Project	Мар	#: <u>13</u>		Surve	y Sxn:	
GPS Unit :	7		_ QCB Proto	ocol Survey #	1	of	<u>5</u> .
TIME (24-hour)	Wind Temp (F°): (avg/max)	% <u>cc</u>		<del></del>	Sky		
START 7900	Tet 3/2	7	clear	patchy	overcast	drizzle	shower
1000	72 12/3	+5-	CIETAT	) palchy	overcast		shower
1200	74 4.2/9	30	clear clear	) paichy	overcast	<del></del>	shower
1300	74 41/74	15	clear	/ patchy > patchy	overcast overcast	drizzle drizzle	shower :
1400	74 511101	40	clear		overcast		Shower
END /440	71 45/9	40	clear		overcast		shower
	open soils, hilltops, ridg						
	<b></b>	,				a just but just a	
	Butterfly Species				"Tally i	Hit led 147 1.4	Total
Unid white	flyng 2000	92			141144	HATER HAT HE	- j
Believes metalin				1441 144		LATATUTES	
Foreveal Dusky				1471			6
Amon Blue				(		· · · · · · · · · · · · · · · · · · ·	1
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Pearl White	) i			411111			8
Pale Sovation 4	ai l			1			
Common Suc				น	_		a
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)					
		Cootherin a cal , Playobothys, Sp, Bluedidis					
		STO, BELP AMER, ANHU BUGN, CORA					
		Cottontaked Rubbert					
About 1	Chinese booses	550-100 plants					
		Ground Dink Baly Buetys Buckelest					
		Ca POPPY, Phairtia, Filago					
		Western fearce trans					
AGCH 2	Chinese Houses	5X-100 plants - 500					
		Cita					
46U+3	Chinase Googes	10-50 blooming					
Abut 4	[x L]	100-500					
Abrult 5	ti ti	50-100					
Accet 6	0 41	10-50					
AGCH7	W LI	50-100-500-60					
ABCH 8	i. (1	10-50					
AGCH 9	, e	10-50					
<u>}&amp;NLI</u>	Woodnat root	in rade asteroo					
Ascot 10	Chrese Horse	10-50					
AGNL2	Woodraf nost	in ackanterop					
160E H 11	Chinase thise	20-50					
ABOUT 12	EL ZI	90-50					
Ascet 13	11 11	10-50					
AGEN 14	£( (1	50-100-500-1600					
PGCH15	21 1,	13450-100					
Afelt 16	16 (1	10-50 Natindoon					
AZ-CH17	ec l(	10-50 inbloom					
AGUL 1	Horned Cizard	dong zerly trail					
AGU418	Chinese House	1800 m Hoon 50-1000					
AGHL &	Horned Litard	along scrowbary					
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Recorder	Avam	BEHLL	Add'l	Person:	<del>-</del> -		Date:	4/27/16	
Project:	Manzar	uita Wind End	ergy Project	Мар	#: <u>M4-V2</u>	. 4	Survey	/ Sxn:	
GPS Unit :	<u>G Arm</u>	10			QCB Proto	ocol Survey #	4	of	5
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		
START					clea	patchy	overcast	drizzle	shower
	10:30	7/*	2/7	0%	<u> </u>	s patchy	overcast	drizzfe	shower
		ļ <del></del>			cles	patchy	overcast	drizzle	shower
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			<del></del>		clear		overcast	drizzle	shower
	2 150- 150	72-	7.1.	10%	clea:		overcast	drizzte	shower
END Reblish Or	cito (circlo	v også spile	////\$ hilltopsুনার্বতুট্			patchy patchy	overcast	drizzle várious neo	
rabitat Or	i-site (circie	/. <b>(apen a</b> pina,	umroba'Grage	STOOK OUL	1000, aon o	usis, ciay son	, 40.10000	, regions nee	(81 3001003_)
		Butterfl	y Species		<u></u>		Tally		Total
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Page 2 of 2

Recorder:_	Kyle	2. Ince	Add'l i	Person:			Date: _	4/2	1 10	
Project:	Manzan	ita Wind Eng	ergy Project	Map (	#:		Survey	Sxn:		_
GP\$ Unit:		12.			QCB Protoc	col Survey #	4	of	5	
TIME (24	l-hour)	Temp (F°):	Wind (avg/max)	%cc			Sky			
START				·	clear	patchy	overcast	drizzle	shower	
0930		<b>2571</b>	2/7	0	Clear	) patchy	overcasi	drizzte	shower	4
1030		74	,		ctear	patchy	overcast	drizzie	shower	4
13 30			/12		clear	patchy	overcast	drizzle	shower	
1330			,		clear	patchy	overcast	drizzle	shower	_
1500		77	4/15	0 -	(clear)	patchy	overcast	drizzle	shower	_
END					clear	patchy	overcast	drizzle—	shower	ال
Habitat On-	site (circle)	open soils,	hilltops, ridges	s, rock outc		sts, clay soil	s. old roads	various ne	ctar sources	
Sara	<del>-0</del> +	Butterfl	y Species				Tally	•	Total_	Ţ
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
4/12KiAdp	1 Point	Astropolas dong ours 1
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H/Ki &C 1	Point	Collinsea Concolor 250
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4/Ki CC8	()	18
4K CC9	1\	1, 240
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Page 2_ of 2_.

Quino Checkerspot Butterfly Protocol Survey Field Data Sheet									
Recorder:	M. H.	eath.	Add'l	Person:			Date: _	<u>5/1/</u>	<u>10</u>
Recorder: M. Heath Add'l Person:				Map #:_	12,13		Survey Sx	n:	
GPS Unit					QCB Protocol	Survey #	4?		5
TIME (	24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	08:60	2 - 21	2.3/5.1	0%	Clear	patchy	overcast	drizzle	shower
	7	58.4		i	(clear)	patchy	overcast	drizzte	shower
	11:50	63.2	21/68	0%	clear	patchy	overcast	drizzle	shower
•	14:00	62.3	6.1/9.8	0%	clear )	patchy	overcast	drizzle	shower
	16:00	62.8	47/87	0%	clear	patchy	overcast	drizzle	shower
			1	1	clear	patchy	overcast	drizzle	shower
END		]			clear	patchy	overcast	drizzle	shower
Habitat Or	-site (circle)	): open soils,	hilltops, ridge	s, rock outc	rops, soil crusts	, clay soil	s, old roads,	various ne	ectar sources
		Butterfl	y Species	•			Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
		Papearn
		Freddlerech
. /		Pearing
		Micca
	<u> </u>	Golde busc
		erodia
	<u> </u>	Formy Tansay Versotal
		Silven leap looks
		Pleacelia
		Desert dandelia
		Camissiania 50
		M+ Mahos c
		White-than Counotles
		ofi II
		Carly Rospy
		Gold field's
		Chal
		Cognital loxus
		Goldebush
·	<u> </u>	Lupice Dove Bajada
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FOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 2 of 2

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Recorder:_	M. Hec	<u>eth</u>	Add'I	Person: <u>Î</u>	1. Angu	lieno	Oate:	5/2/	10
Project:	Project: Manzanita Wind Energy Project Map #: 12 1						Survey	/ Sxn:	
GPS Unit:	9				QCB Proto	/ ocol Survey # _	Ч	of	5 .
TIME (2	4-hour)	_Temp (F°):	Wind (avg/max)	% CC			Sky		
START	10:30	61.5	11/2.8	0%	clear	) patchy	overcast	dńazte	shower
	12:30	65.1	24/42		Clear		overcașt	drizzie	shower
	14:00	8	24/40		clear	patchy	overcast	drizzle	shower
			,	j	cipar	patchy	overcast	drizzle	shower
				+	clear	paichy	overcast	drizzle	shower
					çlear	paichy	overcast	drizzie	shower
END	16:30	69.8	21/45	₩	clear		overcast	drizzle	shower
			hilltóps, ridges	s, rock outer					
_	, ,			•		,		,	
Section 1	<del>5</del> 3=4′	Butterfl	y Species				Tally		Total
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MAP/GP\$ LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
		Goldfields
		Phacelic
		Foldlemock Amsinokic
		Mintone Lupine
		Porcon Plane
		Plagisbolthings
		Flodian
		Nevada Rockeress
		Mt Mahagan
		Capted Countly
		Mustand - Black & Tansen
		Chic
		Calif Poppy
		Chinese thuses
		Blue dicks
		White thorn coanothys
		Linnathan belta
	, <u></u> ,	Suncy Camissianic
		Golden by vsh
	<u> </u>	G.114
		Baby blue eye
		N-shid shade
		Tida tips
		Peony
MACH 50	N=75	Silver lead comments lotis
M40451	n= 150	
52	75	
53	10	
54	400	
<i>5</i> 5	50	
56	40	

TOTAL NUMBER OF QCB DETECTED: ________ INDIVIDUALS 57 30

Recorder: Antonis	te Contremez Addi	Person:	None_		Date:	3 May	13010
Project: Manzan	ita Wind Energy Project	Мар	# 116	#5	Survey	Sxn:	
GPS Unit:	<u>a</u>		QCB Proto	ocol Survey #	-4-	of	5
TIME (24-hour)	Wind Temp (F°): (avg/max)	% CC			Sky		
START 000	67 07 13.4	O	clear	patchy	overcast	drizzle	shower
1000	70 551126	Ó	elea	patchy	overcast	drizzie	shower
1100	78 157	<u> </u>	Clear	<del></del>	overcast	drizzle	shower
1200	73 0/1.7	<u> </u>	Clear	, ı	overcast	drizzle	shower
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MAP/GPS LABEL	POINT/POLYG	ON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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			Gilia
			Eriastrum densifation
			Linantws diantlifloros
			Cinanthus lemmoni
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l libra i s			raforium juldenovii
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Recorder:	5.2		Add'l l	Person:			Date:	5/3/1	0
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GP\$ Unit : _	9					ocol Survey #		of	5 <u>.</u>
TIME (24-	hour)	Temp (F°):	Wind (avg/max)	% CC		·	Sky		
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0922		63	10-12/19	<u> </u>	clear	palchy	overcast	drizzle	shower
1030		67	10-12/13	O	clear	palchy	overcasi	drizzle	shower
1130		65	1277/13		clear	patchy	overcast	drizzle	shower
12:00		107	8-10 / 17	Ō	Clea	patchy	overçast	drizzle	shower
END			1		clear		,oyercast	drizzle _.	shower
Habitat On-s	site (circle	open soils)	hilltops, ridges	s, rock outc	rops, soil cr	usts, clay soil	s, old roads	various nec	tar sources
	, ,	Butterfly	y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS
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Page **1_** of **1**_

Recorder:	8.Ri	ul	<u>-</u> Add'l I	Person:			Date: _	5/3/1	D
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						col Survey#			5 .
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUMBER	BER OF OCR DE	TECTED: X INDIVIDUALS

Recorder CAIK A Cost Add'l Person: Project Want Anni F A Survey Sxn: ### Description of the Energy Project Map #: GPS Unit: GPR MIN Co. QCB Protocol Survey # 4 of 5 TIME [24-hour) Temp (F): tayermax)					i ieid bi	ale Sileet			3	
Project: Man#### Survey Sxn: ### ### Of 5 GPS Unit: THE (24 hour) Temp (FT): Wind (argimax) & CC Sky TIME (24 hour) Temp (FT): Wind (argimax) & CC Sky START 25 60 7/40 Clear patchy overcast drizzle shower 1// 1// 1// 1// 1// 1// 1// 1// 1// 1/	Recorder:	ERIK	LACOST	eAdd*	i Person:			Date:	5/=/u	5
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MAP/GPS LABEL 7	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)	
ELCOLHETO1	P	20-30 Collingia individuals.	
ELLOLHETOT	h	5-lo Collinsia.	
EL COLHETO?	\circ	25-250 (Alineia	
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		Erodium SP	
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		Salvia Columbarus	ŀ
		lashenia california	•
		Collinsia - GPSId	
		Emmanarthe Peaduliflora	!
		Phacelia tunacetitolic	
		Ceanothus se-	
		Layin Glandulosa	
		Uropappus lindlesi	
		Amsinkia menzesii	
		Linanthus Lemmoii	
		Ericammeria - se.	
		Pensteman Claudandii	
		BUSH POPPY]
		Efloghyllin wallacei	
		Crewn wes	
		Erysimin Capitatum Solanum SP.	
		Solanum sp.	
TOTAL NUMI	BER OF QCB DE	TECTED: 🔀 INDIVIDUALS	;

Page Z of Z

Recorder:	ADAM	BENLE	Add'l	Person:			Date:	5/3/1	<i>y</i>
Project:	Manzar	nita Wind En	ergy Project	Map	#: <u>MAN2-</u>	12	Survey	Sxn;	
GPS Unit	CANPO/A	44KZ			GCB Proto	col Survey #		of	<u>5</u> .
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	0855	Temp (F°):	(avg/max) //5	Ø	clear	patchy	overcasi	drizzle	shower
			•		clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
	1	1			clear	patchy	overcasi	drizzle	shower
					ctear	patchy	overcasi	drizzle	shower
					ctear	patchy	overcast	drizzle	shower
END	0950	67	2/7	7	clear	patchy	overcast	drizzle _	chower
Habitat Or	n-site (circle)	open soils,	hillops, ridge	STOCK outc	rogs, soil cru	ists, clay soi	s, old roads	various n	ectar sources
		Butterfi	y Species				Tally		Total
REHR'S	METAL	name (A)	PODEMIA MOR	NO VIAGO	ACTT	///			411
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUMBER OF QCB DETECTED: Ø INDIVIDUALS

		BETTE							
Project: _	<i>19.4</i> м жүн - 7 — Сатр с	7/- ⊾Wind Energy	Project	Map #:	MANZ 9	15	Survey S	kn:	<u> </u>
GP\$ Unit	: CAmPof	MANZ 1	/		QCB Proto	col Survey #		of	<u>5</u> .
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		
START	1025	70°	3/7	19%	රුණු	patchy	overcast	drizzle	shower
		<u> </u>		<u> </u>	dear	patchy	overcast	dnazie	shawer
				ļ	ctear	patchy	overcast	dnząte	shower
		<u> </u>			clear	patchy	overcast	drizzle	shower
		<u>i </u>			clear	patchy	overcasi	drizzle	shower
	1915	ļ i	11,	<u></u>	clear	palchy	overcast	drizzle	shower .
END	47 5	<u> </u>	1/6	0%	clear	patchy	overcast	drizzle	Shower
Habitat Or	n-site (circle	epen soils	filltögs (fidge	s) rock outo	rops, soil cru	sts, clay soils	r old roads	Various ne	ectar sources
		Butterfly	Species				Tally		Total
PERRETERN	Z 1993 RATE	CTAR.				1			<i>j</i>
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AMANZ 18 MANZ 18 5/3/10 C.PS /

Quino Checkerspot Butterfly Protocol Survey Field Data Sheet

MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
15/ABC/3E01	P01~7	3 LINANTHUS BELLUS IN SANSY LARSH
15/ABLIBE 02	i (APPROX 30
15/ABLIBE 03	10	APPNOX 50
15/ ABLIBE 04	£ -	APPREX 100
15/43 LIBE 05	υ _ζ	£C.
15/ABLIBZ06	.,	/@0°5
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		144-7-7-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
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TOTAL NUMBER OF QCB DETECTED: ______ INDIVIDUALS
Page 2 of 2

Recorder:_	Anson	Beure	Add'l I	Person:			Date: .	5/3/10	
			ergy Project						
GPS Unit:				 	QCB Protoco	l Survey #		of	5
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC		•	Sky		
START	1430	84"	91	ø	(Liber)	palchy	overcast -	drizzle	shower
					ctear	paichy	overcast	drizale	shower
					clear	patchy	overcast	drizzle	shower
					clear	palchy	overcast	drizzle	shower
					ctear	palchy	overcast	drizzle	shower
					ctear	paichy	overcast	drizzle	shower
END	1550	30"	1/2	11 -	ctear	palchy	overcast	drizz <u>je</u>	shower
Habitat On	-site (circle)		hilliopy, ridges	rock outer	ops soil crust	s clay soil	s_eto foads	Warious no	ectat sources
7121011011	ono (anolo)	- Charles			, 2011 O. C.	o, o.a, oa	<u> </u>		
		Butterfly	Species				Tally		Total
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PAINTE	(AD)								<u> </u>
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MAP/GP\$ LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
11/484101	Point	SMAN SD HOFWAD (22")
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TOTAL NUM	RER OF OCRIDE	TECTED: Ø INDIVIDUALS

Page <u>2</u> of <u>2</u>

	000	1		Fleid Do	ITT GITCEL			A-1.11.	
	S. Rui		Add'l-1		·		Date: _	2/4/1	
Project:	Manzan	iita Wind En	ergy Project	Мар#	#: <u>5</u>		Survey	Sxn:	
GPS Unit :	夏 5	<u>-</u>			QCB Proto	ocol Survey#	4	of	<u>5</u> .
TIME (2	24-hour)	Temp (F°):	Wind (avg/max)	%cc		<u> </u>	Sky		
START	0845	1641	2-3/5	0	(clear	patchy	overcast	drizzle	shower
	10.80	70	3.5/6	0	clear	patchy	overcast	drizzle	shower
	11 30	78	57/9	Ø	clear	patchy	overcast	drizzle	shower
	1230	74	5-7/10	Ô	clear	patchy	overcasi	drizzle	shower
.,	- '				clear	r patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
END	[clear	r patchy	overcast	drizzie	shower
Habitat Or	⊢site (circle)	: open soils,	, hilltops, ridges	s, rock outer	ops, soil cr		, old roads		ctar sources
		.							
Oz i	0 0 8	Butterf!	y Species				Taily		Total
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7024	ly wer b		<i>></i> -			1		=	<u> </u>
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	70.34/2_68	7 <u>. </u>	·——·			<u> </u>			1 3
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
82coco1	pt.	Col. Concolor (n=5)
5P-C0 C0 2	et.	" " (m=10-15)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

	00	# 1.		1 1010 1561	Olicer				ſ
Recorder:	SR	ink	Add'l	Person:			Date:	5/4/	10
Project:	Manzar	nita Wind En	ergy Project	Map #:	4			Sxn:	
GPS Unit	5				CB Proto	col Survey #	4	of	5 .
			Wind	T			_		
	(4-hour)	Temp (F°):	(avg/max)	% CC			Sky		
START	1300	78	3-5/7	. 0	Clear		overcast	driszle	shower
	1400	80	870/12	0	clear	patchy	overcast	drizzle	shower
	SIS	1 80	8-10/12	O	Clear		overcast	drizzle	shower
		ļ	<u> </u>		clear	patchy	overcast	drizale	shower
,	<u> </u>	<u> </u>			clear	patchy	overcast	drizzle	shower
				ļ.,,	clear	patchy	overcast	drizzle	shower
END	1535				dear	patchy	overcast	drizzle	shower
Habitat Or	i-site (circle)); open soil≰	hilltops dige:	s, rock outcrop	os, seil cro	usts, clay soil:	s, old roatjø	various nèc	ta) sources
			y Species				Tally		Total
Balle	anst	elwark				44 -th -	ull 444 4	MADE III	34
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
Section	nt.	Chinese house (m= 15-20)
SPCHOD	O.T.	11 11 (n=00-75)
SR-6403	Pot.	11 11 (N=20-30)
GR CHO4	St.	" (ne 100-150)
Spection	ot:	ii ii (n=200-300)
82C+106	Δŧ.	0 " (n= 200-85)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 2_ of 2_

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Recorder:_			Add") I						
Project:	Manzan	ita Wind En	ergy Project	Мар і	#: <u>- 4 </u>		Survey	/ Sxn:	
GPS Unit :	- Port	<u> </u>			QCB Proto	col Survey #	<u> </u>	of	<u> </u>
TIME (2)	4-hour)	Temp (F°):	Wind (avg/max)	% CC		-	Sky		
START	178.500 B	72	10-215	/)	/ clear	patchy	overcast	drizzle	shower
	0930	69	10-12-17	0	clear	patchy	overcast	drizzle	shower
	10.20	69	10-12/19	D^{-1}	clear	patchy	overcast	drizzle	shower
	1/30	24	12-13/18	0	clear		overcast	drizzie	shower
	1080	71	10-10/17	G	clear	patchy	overcast	drizzle	shower
	1331	70	10-12/19	0	Clear		overcas!	drizzle	shower
END	· · · · · ·		,	_	clear		overcast	drizzle	shower
Habitat On	-site (circle)	open soils,	hilltops, ridges	, rock outc	rops, soil cru		s, old roads		
	•	Butterfi	y Species				Tally		Total
· · · · ·	t. 1) P.	l	, .,			2.11	,,		6
*12.di	1750 A-000	Fallage 22	1,			446 44 7 7 4 11	111 //	· · · · · · · · · · · · · · · · · · ·	72
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Page L of I (for this that, 5/5/13)

MAP/GP\$ LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
SPEHOL	pt.	Chinese Name (1 = 25-30)
SCHOOL	ρŧ.	" " (N=50-40)
SRLHØ3	t,	1 1 (H= 150-200)
SRCH04	at.	" " (n=250-300)
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TOTAL NUM	BER OF QCB DET	rected: Individuals

Recorder:	Antone	H. ((40!	nt me LAdd'i	Person: 👍	12a. 10	vantz	Date	5/6/10	<u>) </u>
Project:	Manzan	ita Wind Eng	ergy Project	Map #	#: <u>[</u>		Survey	/ Sxn:	····
GPS Unit	7	<u></u>			QCB Proto	tol Survey #	<u>4</u>	of	<u>5</u> .
TIME (2	24-hour)	Temp (F°):	Wind (avg/max)	% cc			\$ky		
START	0945		0/3	<u> </u>	(clear	> patchy	overcast	drizzle	shower
	10 40	76	015	Q	(clear)	patchy	overcast	drizzle	shower
	17245	76	7.15	. Ø	clear		overcast	drizzle	shower
	,		<u> </u>	<u> </u>	clear	patchy	overcast	drizzle	shower
	<u> </u>		· · · · · · · · · · · · · · · · · · ·	<u></u>	dear	patchy	overcast	drizzle desse	shower shower
	1427	210	15/10	(1)	clear	patchy patchy	overcast	drizzłe ربر	-shove
END Habitat Or	r-site (circle)	Conen soils	nilltops, ridge	s/tock outcr	oos, soil cru	sts, clay soi	overcast is old roads		
riabilat Or	rate (allois)	Openioon	Limopy, nago					,	
		Butterfl	y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
AGCH 1	annese House	Pop 10-50
HERH D	h in	100-500
AGLATH!	Ca. Thresher	In chamine
Agr CH 3	Chnese Doses	16-50
AGUH 4	<u> </u>	50-100
	· .	TUUU, AMER
		Gorpher Snake (11) King Snake, twostipodivade
		side Motel Grand, Connec Grand
ABUH S	Chrose Houses	50-100 Forthill
Abut 6	(1 11	500-2000 below hill top
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TOTAL NUM	BER OF QCB DE	TECTED: /// INDIVIDUALS

Page 🔵 of 之

Recorder:	Antone	the Gu	herreeadii	Person: <u>G</u>	ma lero	w.t	Date:	5)6	ر _د
Project:	Manzan	ita Wind En	ergy Project	Мар а	#: <u>2</u>		Survey	/ Sxn:	
GPS Unit :	7	,			QCB Proto	coi Survey#	5	of	5
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	1450	75	4110	Ö	clear	patchy	overcast	drizzle	shower
			1		clear	patchy	overcast	drizzle	shower
		···			clear	patchy	overcast	drizzie	shower
					clear	palchy	overcast	drizzie	shower
					clear	palchy	overcasi	drizzle	shower
					clear	palchy	overcast	drizzle	shower
END	1030	72	91100	~~~	cleas	patchy	overses!	encezie	shower
	-site (circle)	oben soils	hillops (ridges	rock outc		ists, clay soils	s/old roads	vacious nec	tar sources
***	(0,,010,		رس رس	,,	7			Yanous nac	120 309 203
		Butterfi	y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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		Coyolantha.
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TOTAL NUM		TECTED: // INDIVIDUALS
TOTAL NOW	BER OF QCB DE	TECTED INDIVIDUALS

Page 2 of 2

Recorder: Bonnie	Hendric	cks Addi	Person:	none		Date:	5/7/1	0
Project: Manzanita						Survey !		z-L
GPS Unit SM	3	STOP STATE	A 4 x 2 6	QCB Prote	col Survey #	<u>:5</u> ;	· of	5
TIME (24-hoùr)	Temp (F°):	Wind (avg/max)	%,cc	T.:		Sky	· · · ·	4, 24, 24
START 9150 0	57.7	15/45	0	dea	patchy	overcast	dnazie	shower .
10:35	36.3	21/43	Q	Clear	patchy	overcasi	drigzie :	shower
11:55	78.7	26/6.1	0	Clear	patchy	overcasi	drizzle .	shower
12:55	80.6	2.2/59	0	Sciear	patchy	overcast		shower
a: 05	79.5	2.1714	0	dear	patchy	overcast .	drizzle	shower .
3.30	73.7	30786	0	Colear	patchy	overcast	drizzie	shower
END 4/30	78.7	3.275.6	.O i	clear		overgast		shower_
Habitat On-site (circle): ¿	pen soils	hilltops vidge	cock outc					
-5.2 \		ly Species			.119	Taily		Total
Pearly Mar	ble,	, ,		<del></del> - <del></del>		<del>~*********</del>	·	5
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MAP/GPS LABÈL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED PO SPECIES LIST (NECTAR SOURCES,	
BHCHOI	host plant	Collinsia heterophylla	in bloom 60
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BHLibe OI	tare plant	Linauthus bellus is	100m 15+40
3HCH 87	host plant	Collinsia hefosophy/	1 ₀ 200
BHCH OB	vi /vi	n n	.50
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BHHLOL	animal !	Horned Lizard	
BHCH 18	nost plant	Colin heter	700
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<i>l</i> / 96	<u> </u>	1)	200
121			100
7.2			100
23	<u></u>		50
2.4		<u></u>	
7.5			30
26		·	60
21			40
BH STCA OI	Race plant	Streptanthus comp	atrio 3
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TOTAL NUM	MBER OF QCB DE	TECTED:	INDIVIDUALS
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Page 2__ of **3**__

MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
		A few pts. not GPS'ed at end
		of day when GPS stalled,
		on s. side of distan road
		CH (40)
		CH (40)
		CH (50')
		CH (100)
<u> </u>		Horned Lark
		CH (10)
		CH (400)
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Page <u>3</u> of <u>3</u>

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Recorder:	Add1 F	erson:		!	Date:	
Project: <u>Manzanita Wind</u>	Energy Project	Map#:	:		Survey Sxn:	
Project: Manzanita Wind			QCB Protocol	Survey#	of	5
TIME (24-hour) Temp (I	Wind (avg/max)	% cc			šky	
START	<u> </u>		clear	patchy over		shower
			clear	patchy over		shower
			clear	patchy over	cast drizzle	shower
		- :	clear	patchy over	cast drizzle	shower
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		· · ·	olear	patchy over	cast drizzle	shower
END		,	clear	patchy over	çəsi drizzle	shower
Habitat On-site (circle): open s	oils, hilltops, ridges,	, rock outere	ps, soil crusts	s, clay soils, old	roads, various n	ectar sources
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
But	terfly Species	<u>.</u>	• .	Ťa	ily	Totai
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			Quino Chec		utterfly Protoc ata Sheet	ol Survey			
Recorder:	n. Hea	<u>tt</u>	Add'l	Person:	Ø		Date:	<u>5/7/</u>	2010
Project: _	VI.M <del>Oqens©</del>	Wind Energ	y Project	Map #:_	2,1		Survey Sx	m:	
GPS Unit	<u> 7</u>					l Survey #	5	of	<u> </u>
TIME (2	24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	08:30	63.)	1.8/3.0	<u>08</u>	(clear	patchy	overcast	drizzle	shower
	09:30	69.3	12/2.4		clear	patchy	overcast	drizzle	shower
	12:00	69.9	3.1 /5.3	0%	çtear	patchy	overcast	drizzle	shower
			, , , , , , , , , , , , , , , , , , ,		ctear	patchy	overcast	dńzzle	shower
	15:00	78.0	1.6 /49		a de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de l	patchy	overcast	drigzlę	shower
			, , , , , , , , , , , , , , , , , , ,	- 45	ctear	patchy	overcast	drizzle	shower
END	16:00	73.2	23/57	0%	clear	patchy	overcast	drizzle	shower
Habitat Or	n-site (circle)	): open soils,	, hilltoþs, ridges	, rock outc	rops, soil crusts	s, clay soils	, old roads,	, various ne	ectar sources
		Butterfl	y Species	-			Tally		Total
Vanessa	50								3
Come	-en Wh	·. iLa			1				_3
Behr						<del></del>			25
						A······			9
Parut	ed Lada	7 Y							2
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Pale	. / 4.0	owtail							12
Bloc	50								1
White	<0								9
	-0								

MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
	Flowering plats	Popcara llower
	0,	Frodium
		Bush poppy
		Camessonis
		Fiddleneck
		Tomsen mistano
		W. That Blinds
		Cup-leaf ceanothis
		Golde bysh
		Peony
		Goldfield
		Desert dandelion
		Phacelic
		Chinese Houses
		Chiq
	ļ,,	Miniture lupine
		Buck brush
		Rod mends
		Mincis lettre
		wild cocumbe
MHCH60	Host Sp	. Chivese House n= 30
61	9	n = 100
62		n = 10
63		n = 25
64		N = 52
65		n = 150
66		<u>n = 200</u>
MHHL20	Sensitor sp	Horned Lizard
#. / <u> </u>		

TOTAL NUMBER OF QCB DETECTED: ______ INDIVIDUALS

Recorder: M. Hear Add'l Person:Add'l Person: Project: Camps Wind Energy Project Map #:					Æ I		Date: _	05/08	7	
GPS Unit : 3						QC8 Protocol	Survey #	5	of	5 .
TIME (2	(4-hour)	Temp (F°):		/ind /max)	%cc			Sky		
START	09:00	-681	_ <b>2</b> :1	/3.5	0%'	clear /	patchy	overcast	drizzle	shower
	10:30	72.3	3.5	156		clear	patchy	overcast	drizzte	shower
	12:30	74.5	2:5	17:6		clear	patchy	overcast	drizzte	shower
	14:00	ንታራ	3.2	16.7		clear	patchy	overcast	drizzle	shower
<del></del>	15:30	75.5	5፡ ኗ	//3-/	\ <b>\</b> {	clear	patchy	overcast	drizzte	shower
, ,				7		clear	patchy	overcast	drizzle	shower
END						clear	patchy	overcast	drizzte	shower

Habitat On-site (circle): open soils, hilltops, ridges, rock outcrops, soil crusts, clay soils, old roads, various nectar sources

Butterfly Species	Tally	Total
		-30
Sang connection		11
Acmon blue		3
Painted Lady		2
Common White	··· i	1
Pale Swallowtail		2.
Vice San San San San San San San San San San		٤,
Dunie -		3
Dusky wing Sp Blue Sp		
White sp		1 2
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
	Flower Space	Erodium
····	200	Pogean Jowen
		Fiddleneck Amsinckia
		Primise (Camissianie)
		Phacelia
		Cyled ceanothus
		Wooly blue corte
		Chinese horses
		Peony
		Comos Hotas
		Chia
		Annual yellow menter flower
		Siga bish
		Goldenburgh
		Blue docks
·	<u> </u>	Arabis (Neurola Rochecress)
		Tansy Mustand
		Bush Jappy
		Miner's lettice Tp
		Balon blue ages
		v. Cvcv mber
AA. 1 Z.M = -		gilia
MHSROI	N= 1	stendu pod jend flower
MHCHTO	m= 200 Host	Charco house potentia host plant
<u> </u>	N=20 Plant	· · · · · · · · · · · · · · · · · · ·
72	N=40	
73	N = 300	
74	N= 100	
75	n = 2000	
76	N=15 V	
	DED OF OOD DE	The first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the f

TOTAL NUMBER OF QCB DETECTED: _____ INDIVIDUALS

Recorder Bonnie Hendricks Add Pe	erson			Date:	5/8/1	D
Project: Man Zan i + 9 Project: Gemps Wind Energy Project	Map #: _	4		Survey Sx	m: <u>Manz</u>	-M
GPS Unit: Garnin 7						
Wind 1	<del> </del>	<del>                                      </del>	······································	P 1		
TiME (24-hour) / Temp (F°): (avg/max)	% cc	<u> </u>		Sky		
START 6:45 63.7 9.0/11.7	<u>_Q``</u>	clear		overcast	drizzle	shower
9:30 75.5 35/50	<u></u>	clear	patchy	overcast	drizzle	shower
10:30 73.0 5.2 //23	<u> </u>	Clear	2 patchy	overcasi	drizzle	shower
	<u></u>	Clear		overcast	drizzte	shower
2:30 73.6 5.5/9.8	<u> </u>	(clear	<del></del>	overcasi	drizzte	shower
3:30 71.9 5.4 98	<u></u>	ctea ₁	y patchy	overcasi	drizzle	shower
END 4:15 71.4 5.1/7.7	<u> </u>	clear		overcast	drizzte	shower
Habitat On-site (circle) open soils milliopastinges	rock outer	ops, soil cri	usts, clay so	ils, old roads	various ne	ctar sources
Butterfly Species				Taily		Total
1 ( )	^			II IVI 1	ar tiatich	Total
Terplexing hairstreak			1	11 /11 1	1){	77/11/2
130hrs Metalmark			MM	WMM	I <i>IMADA</i> NI	W 67
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Armon blue			144			5
Rathalladi			7/		· · · · · · · · · · · · · · · · · · ·	
Fainted Lady		· :	1141			- <del> </del>
Duskeywing (E. Sunerali	0 OT T	775715)	$\mu \eta =$	· -	- 、	6
Pale Swallowfail			///	<del></del>		4
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
BHSTCA-02	Rase Plant	Streptanthus campestris 2 plans
BN A50001	در در	Astragalis douglasii 5
BHCH 30	host plant	*Callingia concolor 27
	*	* Koyed out lest night, all Collinsia
		on my 5/7/10 data sheet should
		be Coll. concolor.
BHASDO03	Rare Plant	Astr. daug. 3
BHCH 31	host plant	Collinsia concelor 4
11 32	17	u u 75
11 33	И	1.53
434	· 'tt'	137
<b>11 35</b>	u	v ~500
BH 5T 94 03	Rare Plant	Strep camp 4
BACH36	hostplant	Collinsia con ~500
~ 37	ν( *	~ 200
11 36	11	11 ~100
"39	11	50 ·
BH ASQ) 04	Rare plant	Ast daug 5
BHCH 40	host	Colcon 17
N H/	tt ···	11 ~ 200
42		~ 300
BHLIBEOI	Rare Planit	Linanthus bollus 5
BH C# 43	host	Col con ~200
1 44	\ (	~100
u 45	ι,	11 11 ~10D
" 46	١(	~300
BH LIBE 02	Rare Plant	Linbel. 2100
BACA 47	host	Col. Con. ~/80
BH LIBE 03	Rare Plant	Lin. bel. ~100
BH CH 48	host	Col. con. 2 50
Bot Ch 49		~ 50
TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 2 of 2

Recorder:	Antanti	Le Coupre	አተ <mark>ረ</mark> ገ AddTl	Person:	None		Date:	12 May	1200
Project:	VVC.u/ Campo	Vavaí traz Wind Energ	y Project	Map #: <u></u>	ile 4		_ Survey Sx	n:	
GPS Unit :	:	7			QCB Prot	ocol Survey #	5	of	5 .
TIME (2	24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	08 40	64	Ø · · · · ·		Clea	patchy	overcast	drizzle	shower
	0940	68	0/1	Q		patchy	overcasi	drizzte	shower
		<u> </u>	0/3	ð	Clea	patchy	overcast	drizzle	shower
	1240	74	1/16	0	Clea	) patchy	overcasi	drizzle	shower
	1340	<u> 35                                    </u>	1,5/8	<b>&amp;</b> %	clea		overcasi	drizzle	shower
	1440	ጉ5	2.2/8.4	20/0		<del></del>	overcasi	drizzle	shower
END	<u>ا (۱۵۵ما ا</u>	7	7113/	500	Clea		overcasi	drizzle	shower
Habitat On	i-site (circle):	: open seils,	filliops (ridges	s, rock ofuter					tar sources
		Butterfi	y Species		TRANSPORT.		K Tally		
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
4/AGBJI	Block taled Srekmi	dat in NNG HOLD, CARON, PSPC.
4 AOCH 1	Chrese House	SPTO, WESC, RISE CORA, VEST, Major, ANTO WEWE, LETTE
4/AGCH1	Chrose Houses	Plant Pap/ 50-800 good conditions
( <u></u>		Tidy tips, oradium cic, phaselia, Amentera
		cryptanton 30, lasthness cont.
		Callen, Canizoña Sp. Chia, Spinteron, jailicisto
4/AGBCSP1	Blackdimad Spure	m Cramese
4 (AGNL!	Wood and nost .	in channes.
JM6CH 2	Unese House	Plant Pop. 100-500 good condition
4/46825	Blackfailed Scalerable	tin chambe
4 86112	woodat nest	in art. glas
4/HOCH 3	Cinese Houses	Plant pap 100-500 good condition
4 MBULY	( t	plant pop 100 - 200 good condition
uporut 5	16 (1	plant pap 50-100 good condition
41 A624 6	u .(	plant pop 11000-5000 good to address
4 ABBUSP 2	Brillian ned Spino	in Bockendrant (2000)
4) AGHOLAI	Homed Lark pair	
4 (ABCH7	Cinese Horses	plant pop \$100 \$5000good con 4: tron
414GHC1	torned Lizard	in open sandy soil
MAGMOI	Mule leav Scat	
4/AGCUT8	Cinnese Govises	Good and Sant Dep X000
1.44.411.43		Bottercops, groundpink procestion, 3 by Blue By
4 (AGNL3	Woodral rest	The (ev. bet (mosulain mahogung)
"VAGGET 9		Pland For 1000 5000 good of then along
1 1 -	Harmedlark	buckentent scools ween
y Hout 10	(Mineselforses	Plant Pop 500-1000 good wordition
MAGBLS83	Black Unined Spuro	1 _ '
4 ABUH71	Chrose Houses	Plant pop 500-1000 good an whiteon
		Caretal win phillieard, western Force Travel, Side Workled 172
- 1100		popher trake,.
	Chnese Hoses	Plant sop >5000 Good condition
. TOTAL NUM	BER OF QCB DE	TECTED: NDIVIDUALS

Page <u>2</u> of <u>3</u>

Recorder:_	Adone	Hellet	<u>emer</u> Add'i F	erson:	1 ione		Date:	5/1a	10
Project:	Campo V	کوسی ا⊸ Wind Energ	y Project	_ Map #:	47he	1	Survey Sx	:n:	
GPS Unit :			77		QCB Protoco	ol Survey#	\$-	of	5
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		1 1888
START			•		clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzte	shower
					clear	palchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzte	shower
	i				clear	palchy	overcast	drizzle	shower
					clear	paichy	overcast	drizztę	shower
END			,		clear	palchy	overcast	drizzle	shower
	-site (circle):	open soils.	hilltops, ridges	, rock outer					
		Butterfly	y Species				Taliy		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
4/45cH13	Chinage Houses	Plant 400 tows 5000 in good condition
4/AGCH14	ι, " ('''''	1111 > 5000 in good condition
WABCHIS	ι, τι	1 1 Sesso 1 1 W
41 A6B53	Blanktailed Jackval	it is Chandel
4976cH16		Plant pop > 1000 good condition
4119686584	Glade chimed Span	ow m chamise
4/AGCH17	Umes Horses	Plant pop 50-100 goodcon litten
4/16/11/3	Hernedtzerd	on sander toal
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

			Add'FI				Date:	5/12/	10
Project:	Marzo Campo	i <i>nite</i> . Wind Energ	y Project	_ Map#:_	3		Survey S	κη: '	
GPS Unit :	2_	·······			QCB Proto	col Survey #	5	of	_5
TIME (24	I-hour)	Temp (F°):	Wind (avg/max)	% CC	, .		Sky_		· · · · · · · · · · · · · · · · · · ·
START		<u> </u>			(clear	) patchy	overcast	drizzle	shower
0830		63*	0 - Zmgh	ي	¢lear	patchy	overcast	drizzle \	shower
0930		640	0-2-0	(Q)	clear	patchy	overcast	drizzle	shower
1130		72"	0-7 mpm	Ö	elea	patchy	overcast	drizzle	shower
1330		770	2-5-	ŏ	clear	(patchy)			
JHØ20		780		3		7200-2	overcast	drizzle	shower
~ <del> </del>		<u> </u>	2-5mph	·	clear	(patchy)	overcast	drizzle	shower
END		<del></del>			clear	patchy	overcast	_drizzle	shower
Habitat On-	site (circle	): Open soils:	hilltops (ridges	fock outc	robs, soil cru	ists, clay soils	s, did roads	( Various ne	ctar sources
			y Species		Į		Tally		Total
	Blue					+14+ +114			12
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS! SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
3/K1661	Pont	Collusco concolor ~ 10
3 KiAdal	f_	Matuagalus douglasi perstrictus ~20
3/1c; cc 2	ч	Collensea heterophy the ~ 50
3/Ki CC3	и	<i>a a a a a a a a a a</i>
3/Ki CC H	И	1 ~ 25
3-152 CC S	*f	n a 250
3/14:006	11	$n + \sim 50$
3/15/C/1	1)	Cordy landhus rigidus \$3
3/10/10 7	+ (	Collinsen hetero ~100
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TOTAL NUMBER OF QCB DETECTED: O INDIVIDUALS

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Project:	MANTI <del>Camp</del> o	עווילף Wind Energ	y Project	Map #: _	ક		Survey S	on: <u>K</u>	
GPS Unit :	_ 5_				QCB Prote	ocol Survey#	. 5	of	5
TIME (2	?4-hour)	Temp (F°);	Wind (avg/max)	%cc			Sky		
START	0844	60	2/4	0	(Sea	patchy	overcast	drizzle	shower
	Unic 1	[	•		clea		overcast	drizzte	shower
					ctea	r patchy	overcast	drizzle	shower
					ctea	patchy	overcast	drizzle	shower
		<u> </u>			clear	r patchy	overcast	drizzle	shower
				!	ctea	r patchy	overcast	drizzle	shower
END	1045	65	4/8	مک ر	Clear	r) patchy	overcast	drizzie	shower
Habitat On	-site (circle)	: open soils,	hilltops, ridge:	s, rock outo	rops, soil or	usts, clay soils	, old roads	, various ne	ctar sources
2 <del>.01.7</del> 9	<del>ودوروي ت</del> حنيا <u>ل</u>	A Butterfi	y Species			<u> </u>	Tally	• • • • • • • • • • • • • • • • • • • •	Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
EL COHE OF	P	5-10 Collinsia.
ELCOHE 02	P.	100-zw Collinsia
EL COHE 03	P	50-100 Gillinski
		DENCAL
		Plagabothys P.
		Gradium SP.
		Wild fea
		AMSMEN
		Brassica St.
		Ceanothus sp.
		Pracelsa St.
		Specol
		Carmisonin SP.
		LÁSCAL
· · · · · · · · · · · · · · · · · · ·		LAY61a
	·	ERICON
		Colifet
		ELLEA TRILAN
		Ericameria Se
		Ground Pink
		ESCLAL
		Solfak
<i></i>		Nemmon
		UROLIN
		A Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of the Commence of
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TOTAL NUMBER OF QCB DETECTED: ______ INDIVIDUALS

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			y Project	map#:_	- 11		Survey Sx	:n:	
GPS Unit :	<u></u>				QCB Proto	col Survey #	_5_	of	5
			Wind		1				<del></del>
	4-hour)	Temp (F*):	(avg/max)	% CC	ļ		Sky		
START	1100	63	4/8	<del>9</del>	glear		overcast	drizzle	shower
·—		1			ctear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
					clear	patchy patchy	overcast overcast	drizzle drizzle	shower shower
					clear	patchy	overcast	drizzle	shower
END	100	65	4/8	-0	clear		overcast	drizzle	shower
			hilltops, ridge						
		<u> </u>							
			y Species				Tally		Total
Acn	<u> 100 k</u>	3luc			·	1///			14
Che	ckeren	White	3			11			12
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
ELCOHE 04	P	50-100 Collinia
ELANCO 01	P.	# - Antichinum Coultarianum
		Plagobothys SP.
		Brassica St
		LASCAL
		AMSMEN
		LINPAR
		Chanactis St.
		PSCCAL
		LAYGLA
		DELPAR
		GROUND PINK
		7_ 0.00
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUAL

Page 2 of 2

Recorder:	ADAM	BEHLE	Add'l F	Person:	_ <del>_</del> _		Date:	5/12/10	
Project: _	MANZAN (	7 <del>7</del> Wind Energ	y Project	_ Map #:	MANL -	6	Survey S	m: _ <del></del>	
GPS Unit	: Gami	J 10	<del></del>		_ QCB Proto	ocol Survey#	_5_	of	<u>5</u> .
· TIME (	24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	0850	60	0/1	0%	⊂ ଅଞ୍ଜି	patchy	overcast	drizzle	shower
				<del> </del>	clear	r patchy	overcast	drizzłe	shower
					clear	r palchy	overçast	drizzle	shower
				· <del></del>	clear	r patchy	overcast	drizzie	shower
					clear	r patchy	overcast	drizzle	shower
			<u> </u>		clear		overcast	drizzle	shower
END	1500	76	6/9	10%	Clear		overcast	drizzle	shower
Habitat Or	n-site (circle	): open soils	, billtops ridges	, so <u>ck outd</u>	crops, soil cr	usts, clay solls	, ord roads	various nec	tar sources
	•	Butterfi	y Species				Tally		Total
Bene's	METALM	ANL				HH HA V	KT YM W	M JH HI	43
PAINTED	<del>(4</del> 01					. Щ.,			
(An ost med	DUS#1011	J 4				<u> </u>	· ·· <del> ···· ···</del> ····		/
PYGMY.	BWE	<del></del>				1			·
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<u>244</u>	ADM-AAL	CALIFORN	in Sister			1			,
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TATAL MILES		
TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS
		Page 2 of 2

			<u>)/u</u>			Date:	5/13/	O
Project:	Gernpo	Wind Energy	y Project	Map #: _	11	Survey Sxr	t:	
GPS Unit :		13			QCB Protocol Survey #	5	of	5
	4-hour)	Temp (F°):	Wind (avg/max)	% cc `		Sky		
START	8,33	71	2/4	<del></del>	(Sea) patchy	overçast	drizzle	shower
	10:42	700	4/5	<u></u>	Clear patchy	overcast	drizzle	shower
	(1.20	785	3/6	<u> </u>	(Clear) patchy	overcast	drizzle	shower
			r		clear patchy	overcasi	drizzle	shower
		,		ļ	clear patchy	overcast	drizzle	shower
		·			clear patchy	overcast	drizz!e	shower
END					clear patchy	overcast	drizzle	shower
Habitat On	-site (circle):	epen soils	hilltops, roge:	s) tock outc	reps,≪oiिcrusia, clay soil			
							_ <del></del>	
		Butterfly	y Species			Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 2 of 2

Recorder:_	Dale	- Pause	<u>∭</u> Add'l	Person:	~		Date:	.5/13	110
Project:	May Bay	હ્યુ Wind Energy	Project	Map #: _	14,15	_	Survey Sxn	:	<u>:</u>
GPS Unit :	<del> </del>	13			QCB Protoco	ol Survey#	5	of	<u> </u>
TIME (2	(4-hour)	Temp (F*):	Wind (avg/max)	% cc			Sky		
START	11:40		6/8	0	CIALOS	patchy	overcast	drizzle	shower
	3.30	770	4/5	0_	1 1	patchy	overcast	drizzle	shower
	16.00	70,5	6/7	<u> </u>	C41105 @800	patchy	overcast	drizzte	shower
					clear	patchy	overcast	drizzle	shower
				i-	ctear	patchy	overcast	drizzte	shower
				İ	clear	patchy	overcast	drizzle	shower
END				<u></u>	c!ear	patchy	overcast	drizzte	shower
	-site (circle):	open soils	tillfops∕tidge	szrock outc	rops, soil crust				
					٠				
		Butterfly	Species	· · ·		· ·	Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS SPECIES LIST (NECTAR SOURCES, GENER	
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TOTAL NUM	BER OF QCB DE	TECTED:	INDIVIDUALS

Page <u>1</u> of <u>1</u>

Recorder:	Mike	COUFFE	Add't	Person:	None	<u>.                                    </u>	Date:	13 May	, 2010	
		•	ergy Project							
GPS Unit	GROMIN	10+460:	SONAL ETRE	ATŽIV K	QCB Proto	col Survey #	<u> </u>	of	5 · .	
T045 4	71	T (5%)-	Wind	[	<u> </u>		Plan	•		]
	24-hour)	Temp (F*):	(avg/max) Ø→ 2 m0H	% CC .	clear	3	Sky			┨
START	0900	2 <u>5</u> 2F	Ø->3	CLEAR	clear	patchy patchy	overcast	drizzie drizzie	shower	1
	1000	75	25.54	CLEAR	Clear	) patchy ) patchy	overcast	drizzle drizzle	shower shower	1
	1100	74	Ø-> 7	CLEAR	clear		overcast overcast	drizzle	shower	1
	1200	7/	2360	CLEAR	clear		overcast	drizzie	shower	1
<del></del>	1300	73	2 9 7	CLEAR	clear	<del></del>	, overcast	drizzle	shower	1
END	1400		<del>;; ,</del>	20%	clear	patchy 3	overcast	drizzle	shower	1
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Transfer G	1500 HE	5,73%,0	NIND Ø 38 A	19H.20%	Covers	/GOOH	25,72%	WIND= 4	->7 mPAI, SI	0 Blover
			y Species	,			Tally		Total	1
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
MCHL32	POINT	ADULT HORNED LIZARD
MCHLO7	POINT	HORNEO LARK (#1 OF PAIR)
MCHLO8	POINT	HORNED LARK (#2 OF PAIR)
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My GARMIN	GPS MAP GOC	SX HAS JUST UNDER 1000 NUMBERED POINT
		GARMIN 10). AFTER USING UP ALL OF THE GPS
memory, I	SWITCHED TO	MY PERSONAL GARMIN CTREX HCX AND
		S UNIT WITH COWNSIA POINTS AS WELL.
- w		
	<u> </u>	
TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page Z of Z

Recorder: Defer	A 600	<i>িলাপ</i> ∑ Add¶	Person:	Nont		Date:	5/1	<u>4//a</u>
Project: Camp	V Zui nji <del>†a</del> <del>o Wind E</del> nerg	y Project	Map #: _	1100	Į	_ Survey \$>	(n;	<u> </u>
GPS Unit :				QCB Proto	col Survey #	_5	of	<u>5</u> .
TIME (24-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		
START 0400	10%	2/8	O	टिल्बि		overcast	drizzle	shower
1600	1.71	2/3	<u>o</u>	(269)	patchy	overcast	drizzle	shower
1100	<u> </u>	10	$\partial v/a$	ctear	patchy	overcast	drizzle	shower
1200	76	3/1/2	20/0	clear	<del>,                                     </del>	overcast	drizzla	shower
1300	78	3/16	2%	<u> </u>		overcast	drizzle	shower
1400	. 178	a 7-	10%	clear		overcast	drizzle	shower
END 1600		216	2090			overcast -		
Habitat On-site (circi	le): opén soils	,(hilltops, ridge	s, rock outci	rops, soil ෙ	ists, clay soil	s, old roads	)various n	ectar sources
	Butterf	ly Species			المراكبة المعوا	Tally \u00e4	41041041	O HIO Total+10
Bolar's Media	i Logie Je				X(1+4+ 1)X			_
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
4 AGCH 1	Chase Houses	100-500 - 10% drying sit others stilling good
4 AGEH 2	n u.	50-100 in good to ditton Stadymont Condition
4 (34,0) 4-1	Swood at nest	in Oak
	<b></b>	Comptantha son Erodian eicologian, Standing
		Sicol, Giliaso, Plagiobethy so, Canison a sp. on welion
- · · · · · · · · · · · · · · · · · · ·		WESC, WENT , STOR, ECCT, AMICR, THURST, BYEN, CHOO,
		so steam was a trick 1°
4 AGBCSP1	Bookelined Eposion	ia Chajamal
	r	hasboria col., Throughou , Amerika, Lasten Balaythus ergs
4 AGC43	Charles Govers	10000 tool army out restinger medicin
41196HL1	Connect word	11 002en Sundy Sol
411831	Black length Sentera Wit	in drawing between areal
4/ASCH4	Chinase Houses	~100 Bood condition ~5% day
4 AZOCH 5	50	75000) good Condition ~5% dry
4186HL 2	juggest lizard	on such trail
4 Portto	Chinese Houses	100-200 good condition
MAGCH 7	11	Propose and wastered ato war hisself
AIMPCH &	e ti	500 - 1000 Kill top and dre
41AGITU3	SD Formed LizerA	[ 0 m 1 m 1 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2
41 AGCH9	Chrese Houses	100-500 für condition 15% day most
4/ABCH10	41 11	50-100 fair condition 5% der my out
4/AGCH11		10-50 " " "
- IRGGASP	Sucy Sourous	in Chap
4 Acock12	Chrestouses	50-100 fair condition "/ a drying out
4 (ASCH13	Chinese Houses	. (
414RH 54	50 Horned English	0902 90 dy 5 21
4 ABC415	Chinase Houses	50.100 fall condition 5% dryngout
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TOTAL NUM	RERIOE OCRIDE	TECTED: D INDIVIDUALS
TOTAL NUMBER OF QCB DETECTED: INDIVIDUALS		

Page 2 of 2

# Quino Checkerspot Butterfly Protocol Survey

Field Data Sheet									
Recorder:_	6.R.	<u>ul</u>	Add'I	Person: <u>(</u>	. (Least	<u>.</u>	Date:	5/14/1	<u>'0</u>
Project:	Manzar	ita Wind En	ergy Project	Map	#: <u>13</u>	<i>_</i>	Survey	/ Sxn:	
	"Balony"					col Survey f	5_	of	<u>5</u> .
THE 12	4-hour)	Temp (F°):	Wind	91 CC	-		Ct-		
START	0845	71	(avg/max) [-∂-	% cc ∂	clear	patchy	Sky overcast	drizzie	Thomas .
JIAN	1005	73	1-3	6	Clear	patchy	overcasi	drizzie	shower
	1100	75	1-3	ő	clea		overcast	drizzle	shower
	1230	90	6.65	0	Cdear		overcast	dnazie	shower
	1500	71	5-7	Ō	dea		overcast	drizzle	shower
			,	- v	clear		overcasi	drizzie	shower
END	· · · · · · · · · · · · · · · · · · ·	<u> </u>			clear		overcasi	drizzle	shower
Habitat On	-site (circle)	: open soils,	, hilllops, ridges	s, rock outc					
		Butterf!	y Species		·		Tally		_Total
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ea mil	2200 1	11444 1144	A4.			11	, , 1i		(2)
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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Page Z of Z

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Recorder:_	16412	Ince	Add'I i	Person:			Date:	5/14/	10
Project:	Manzar	nita Wind En	ergy Project	_ Map t	k <u>5</u> _				
GPS Unit:		5			QCB Proto	col Survey #	5	of	5 .
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	<b>-</b>	68	D~5	<b>Ø</b>	clear	) patchy	overcast	drizzie	shower
०८८०		68	5-5	O	Gear	patchy	overcasi	drizzle	shower
1000		70	0-5mah	0	clear	) patchy	overcast	drizzle	shower
Tioo		72	0-5um	77	dear	patchy	overcast	drizzie	shower
1230	"	76	0-5*-06	b	Gear	patchy	overcast	dńzale	shower
1786 1460		77	0-5-06	0	glear	,	overcast		shower
END			,		clear	<del>,                                    </del>	overcasi	drizate	shower
	-site (circle)	): open soils.	, hilltops, ridges	s, rock outer					
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		Butterfl	y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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5/K; 1112	4)	Horned Lozand 1
5/16/665	i (	Collinsen concelor 5
5/K: L6 1	n	Luma Mus bellus ~ 25
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TOTAL NUM	IBER OF QCB DE	TECTED INDIVIDUALS

Page 2 of P

Recorder:	Antonot	C Constre	UNCL Addi	Person: 👍	na Krant-	z Shirl	<mark>&amp;₄_</mark> Date:	5/10/1	0
Project: _	^{IV} \ ∅ (/ <del>Campo</del>	Wind Energ	<u>.v YCZ</u> Add'i v Project	Map#:_	4	Inne	_ Survey S	(U: 1)	
GPS Unit		7			, I QCB Protoc			of	
TIME (	24-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		
START	845	63275	1.4/65	(C)	clear	palchy	overcast	drizzle	shower
	1000	76	2110	$\overline{\mathcal{O}}$	(clear)	patchy	overcast	drizzle	shower
			, ,		clear	patchy	overcast	drizzte	shower
					clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzłę	shower
END	030	760	2110		clear	) patchy	overcast	driz <del>zlo</del>	<u>shower</u>
Habitat Or	i-site (circle)	): open soils	hilltops, ridge	s, roek outc	rops, soil crus	ts, clay soil	s, old roads	yarious ne	ctar sources
_			y Species	···············			Tally		Total
Bolurs	Mohuln	eark.				1117			4
Azouno	on Blu	<u>o</u>			1	•			1
Comm	er Wh	ā. <del>Je</del>			ſ				1
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Funere	al Dosl	دیا بنگاسه	١,						
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS! SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
4/AGCH 1	Union Houses	Plant zop 50-100 good condition 5% dry
4/16/101	50 Homed Grand	Open sandy soil (billtop)
4/AGHUZ	ic C!	10
4/ASULT	Chinage House	Plant Pop >5000 throughoutentro
l .		Surleyaneon
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 - <del></del>		
TOTAL NUM	BER OF QCB DE	TECTED: か INDIVIDUALS

Page _2_ of _2

Recorder: Bonnie Hendricks Add'l Person:	<del></del>	Date: <u>5</u> /	14/10
Project: Manzan Ha Project: Manzan Ha  Map #:	7	Survey Sxn: _	
GPS Unit: 10	QCB Protocol Survey #	_6	_of
TIME (24-hour) Temp (F°): (avg/max) % CC		Sky	
START 13:55 65.0 4,1/7.	(clear) patchy		rizzte shower
[ 10:40 13.5 /.7/3.2 S	clear patchy		rizzle shower
11175 30, 2 4, 16, 1 0	clear patchy		rizzle shower
1 2355 77.6 139/19.4 5	clear paichy		rizzle shower
1 200 70 1 40/S-1 40	clear patchy		rizzle shower
13:10 29-145 13:5 30	Clear Palchy		rizzle shower
END 3.40 /0.5 /. 0/2/3			rizzle shower
Habitat On-site (circle): Open soits hilltops ridges rock outc	rops, soil crusts, clay soils	stolo roads xear	ious nectar sources
B. W. M. C. and a	<del>-</del>	T-11	Total
Butterfly Species		त साम् इ. इ.स. १५६४ स्टास्ट्रांस स्ट्रांस	Total
Behris Motolmark	THE WALL		
Peacly Martille	LAT 1	,	6
Print de la del	177		
C- 1	All		LF
- sarah Changeup			<del></del>
Sulatur of	. !{		<u> </u>
And Surallowtail			
1000 August 200	1/		7
Carragiants of		· ···	
·		<del></del>	1.803
N. 1 N. +			
Nectoring Plants			17
Cryptantha sp.			
Dendromeron Sigida			
En la Da Maritala	**		
The think confirmed in	4.47		
Julia Capitalium	<u></u>		
Pracella distans			
Lasthania gracilis			
Co anissans a so			
D- 1 1		/ v <del></del>	
Large glandulosa	1		
Lelphixum parage			
amsinclia manz			
Choo anothe alassina. On			
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January Kamona	·		
Lacolory Sp.		<del></del>	
Askemophila Sp.			
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPEI SPECIES LIST (NECTAR SOUR		
BHCH-50	hostplant	Collinsia concolo	- 300 al	lanto (blooming)
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11 56	น	4	100	i,
11 57	11	41	500	13
N 58			100	
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1 60			50	
11 61			100	
IN GOD			700	-
n Ø3			100	
16 H			200	
165			100	
11 66			100	
167			500	
BHLIBE 10	Rareplant	Litanthey Golley	1,000	pla blooming
8H CH 69	host	Col con	500	11
180 69	11	((	400	214
1) 70	U	11	50	u
)1 7/		i	200	
11 72			200	
11 73			150	
11 74			50	
11 75			200	
11 76			1100	
11 77	-		100	
n 78			1	
11 79			50	
TOTAL NUN	BER OF QCB DE	TECTED: 0	<u>.                                 </u>	INDIVIDUALS
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4 Bl		Page $\overline{\lambda}$ of $\overline{\lambda}$	200	end.

Recorder:		BEME	AḍdʻI	Person:			Date:	5/14/10	
Project:	<i>M4ó</i> <del>Camp</del> o	<del>- Wind Energy</del>	Project	Map #:	MANZ-	2	Survey Sx	(n:	
	5M 1						<u> 6</u>		5 .
TIME (	24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	0900	70°	5/11	0%	<u> </u>	patchy _	overcast	drizzle	shovier
	<u> </u>			ļ <del></del>	clear		overcast	drizzle	shower
<del> </del>	.]			<u> </u>	clear		overcast	drizzle	shower
	<u> </u>			<u> </u>	cleas		overcast	<u> </u>	shower
		+			çleas			drizzle	shower
	120+	73	4/9	7	clea: صمر:		overcasi	drizzle	shower
END Hobitat Or	1320	e)- open soils,	7/7 Killtörer fidasi	3 rock out	deal	D patchy uete olav soi	overcasi	orizzle	tar sources
Habitat Of	ir-site (circis	est obeit some,	writions Write	28, NO <u>LEN DOU</u>	211452, 2011 CI	usis, ciay so	ila-old loads	Y 41 10 43 11 EC	101 3001003
•	•	Butterfly	/ Species	•			Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: Ø INDIVIDUALS

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Recorder:	ADAM !	Bence	Add'l	Person:		<u>-</u>	Date:	5/1	4/10
	180 (1.17)					- 1			
	<u>sm</u>					col Survey#			
TIME (2	24-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	1320	73 1	1/3	5%	Clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzte	shower
					clear	patchy	overcast	drizzle	shower
				]	clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
				ļ	clear	patchy	overcast	drizzle	shower
END	15-30	740	1/6	20%	clear	patchy	overcast	<u>drizzle</u>	<u>show</u> er
Habitat Or	ı-site (circle)	); open soils?	hilltops <u>kridg</u> e	s, rock outc	rops, soil cru	ists, clay soils	, óld reádg	Tvarious ne	ectar sources
		Butterfly	/ Species				Tally	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Total
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						144			6
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS
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Quino Checkerspot Butterfly Protocol Survey Field Data Sheet								
Recorder: Bonni Hondricks Add Person: Mike Anguiano Date: 5/16/10								
	10 . (7)							
GPS Unit : Q	CB Protocol Survey # <u>6</u> of of	5						
TIME (24-hour) Temp (F°): (avg/max) % CC	Sky							
START 9:00 716 19/29 0	ctear patchy overcast drizzte	shower						
10:50 77.2 14/22 50	(dear) patchy overcast drizzte	shower						
11/150 61.2 3/1/52 0	(ctear) paichy overcast drizzle	shower						
1:10 84,6 2414.6 0	clear patchy overcast drizzle	shower						
2:00 925 1.9/29 0	Clear patchy overcast drizzte	shower						
3/55 (23.8 2) /35 0	(clear patchy overcast drizzle	shower						
END	clear patchy overcast drizzle	shower						
Habitat On-site (circle): open soils, hilltops, ridges, rock outcrop								
Butterfly Species	Tally	Total						
Bohr's Motalmanh	WINDOWN CHEET AND THE	40						
Sulaher 20	11	70						
As John Office	INTERTURE III	18						
California Marble	134	5						
San a margatia	177	7.						
Swallotail s.B.	11	i						
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Justherna !		······································						
Plagiobothnip								
(Arapapus Sas)								
Erisalullum Condi								
Charmant ha tom wilder								
Chamaetis glassiniscula								
Lestosiphon		·						
Brown Ellin	- i	1						
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Their Capitation		<del></del>						
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
BAASOO	Rose Blant	astragalus dauglasii 20
BH450002	ц	1 4 4 A
BH STEAOL	11	Straptanthus Campatris 243
B# CH 85	Host Pant	Collon. 150
11 86	, v4	v ~200
BH STCA OD	Ran Plant	Strep Cam
BH AR OL	Host Plant	antishimum coulterianum 30
BH H 62	miral	Horned Lizard
BH CH \$7	Host Mant	Call. con 2250
11 65	Vt Vt	1 30
w` <b>45</b> 9	11	1 2 00
11 90	**	11 220
BHATE 10	Rare PD	Ling hell 1300
B# C# 91	Host	Coll con 2300
BH LIBE !	Rare Pl	7 in bell ~ 25
1 12	10	100
BA CH 92	1000 T	Collecon, 100
<u> </u>	1	50
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Page ___ of ___

Recorder:_	Antone	He (50)	16/2 Add'l 1	erson: 🕝	na Krant	e Shark	Date: _	5/15/	٥
Recorder: Antonette (ophernez Add'l Peri Marram Hon Project: Gampo Wind Energy Project N			Map #:	3	SAME	Survey Sxi	u:		
GPS Unit:	·	7			QCB Protocol	Survey#	6	of	<u>5</u> .
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	1630	78	2110	<u>% cc</u>	(clear)	patchy	overcast	drizzle	shower
		,	1		clear	patchy	overcasi	drizzle	shower
	1230	78	4/12	Ö	glear	patchy	overcasi	drizzle	shower
		,		_	clear	patchy	overcast	drizzle	shower
15.00	1330	78	43776	Ċ	(clear)	patchy	overcast	drizzle	shower
18.75					clear	patchy	overcast	drizzle	shower
END	1430	78	4/10	2%	(clear)	patchy	overcast	drizzle .	shower
Habitat On		open soils	hilltops, ridges		ops, soil crusts				
		Butterfi	y Species		· T		Tally		Total
Belwis	Metal				1/	117	· · · · · · · · · · · · · · · · · · ·		1
Commo	on whi	Le.			(	<u> </u>			†a
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MAPIGPS LABEL POINTIPOLYGON TYPE COMMENTS FOR ALL MAPPED POLYGOS AND SPECIES LIST (NECTAR SOURCES, GENERAL V MINUALTIA LOUG , gitia, Plucilia Las Cal.,  4 AGUITO 100 5% 4 AGUITO 1 Plunt POD 100 - 500 5% 4 AGUITO 1 Plunt POD 100 - 500 5% 4 AGUITO 1 Plunt POD 100 - 500 90000 4 AGUITO 1 Plunt POD 100 - 500 90000 4 AGUITO 1 Plunt POD 100 - 500 90000 4 AGUITO 1 Plunt POD 100 - 500 900000 4 AGUITO 1 Plunt POD 100 - 500 900000 4 AGUITO 1 Plunt POD 100 - 500 900000 4 AGUITO 1 Plunt POD 100 - 500 900000	WILDLIFE LIST)
Minvartia doug gita, Plucilia  186, cal.,  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/ AGCH6  4/	da da
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4/AGCH7 " Plant pop 100-500 5% 4/AGCH8 " " Plant pop 100-500 good of 4/AGCH 10 " Plant top 100-500 good co	day
4/AGCH 8 " " Than + 30 - 100 - 500 good co 4/AGCH 10 " Than + 300 100 - 500 good co 4/AGCH 9 " " " " " " " " " " " " " " " " " "	
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TOTAL NUMBER OF QCB DETECTED: IN	 DIVIDUALS

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# Quino Checkerspot Butterfly Protocol Survey

Field Data Sheet									
Recorder:	Recorder: MIKE COUFFER Add'l Person: NONE Date: 16 MAY, 2010								
Project: Manzanita Wind Energy Project Map #: \(\frac{\sqrt{1\lambda}}{\sqrt{5\lambda}}\) Survey Sxn: \(\frac{\sqrt{MAN3}}{\sqrt{1\lambda}}\)								ANZ-F	
GPS Unit : 5m (3 QCB Protocol Survey # 6 of 6									<u>6</u>
TIME (24-hour) Temp (F°): (avg/max) % CC Sky									
START	0845	76	Ø>3 mph	CLEAR.	clear	patchy	overcast	drizzte	shower
	0900	-76	Ø~> 4 እሁስ	CLEAR	clear	patchy	overcast	drizzle	shower
	1000	76	HAM F CE	CLEAR	clear	patchy	overcast	drizzte	shower
	11.00	76	5 > 13 MM	CLEAR	(Sear)	patchy	overcast	drizzte	shower
	1200	79	スッチがら		(GES)	patchy	overcast	drizzle	shower
	1300	80	2->8 mph	CLEAR_	(clear)	patchy	overcasi	drizzłe	shower
END	1400	79	1-> 6 MODH	CIEAR.	Clear	patchy	overcas!	drizzle	shower
Habitat O	n-site (circle)	open soils	xhilitops rioges		ops soil crus	ts, clay soil	s old roads	various ne	ctar sources
		Butterfl	ly Species				Tally		Total
15001	1R5, <u>80</u> °	F, 1->50	1941, 80°F4	CLEAR					
			<u>MPH, 81°F,</u>						
<u>050</u>	HRS, 70	F-8, 300	MPH, 760°	Fa CLEAS	2				
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	TEO LA						16		10
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
MCWWOI	Point	
MCWWOZ	POINT	
MCWW03	POINT	
Mcwwoy	PoinT	
ന്നധയാട	PoiNT	
Mcmmoro	Point	
FOWWOM	Point	
MCHIL36	POINT	
MCHL 37	BoiNT	-
MCHL 38	POINT	
MCHL 39	Point	
MCHL 40	Point	
MC MORTAR HOLE	Point	SINGLE MORTAR HOLE IN LARGE ROCK.
Mc Argemone sp.	Point	3- FOOT-TALL(!) PETCHEN POPEN
NUMBERED POIN	TS REPRESENT COLL	l .
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TOTAL NUMBER OF QCB DETECTED: INDIVIDUALS

			ZAdd'I						5/17	
Project:	Manzan	ita Wind End	ergy Project	Map #	# <u>}</u>	<u> </u>	<u> </u>	Survey	Sxn: <u>/</u> 2_	
GPS Unit:	<del></del>			<del></del>	·`-	roloco	Survey#	5	of	<u>5</u> .
TIME (2	4-hour)	Tomp (F°):	Wind (avgimax)	→ % cc '		٠,		Sky	–	
START	1040	10th	5/7	100	1 1	clear	patchy	Overcast.	drizzle	shower
	1230	03	3/6	100		clear	patchy	(Overcast)	drizzle	shower
	130	63	5/10	\$ 60		clear	patchy	overcasi	drizzle	shower
		: 		1600		clear	patchy	overcast	drizzle	spower
					 	clear	patchy	overcast	drizzle	shower
	1 . 1	, ,	,			clear clear	patchy	overcast	drizzle	shower
END	143	(04	7/12	76		clear	palchy <	overcast	drizzle	shower
Habitat On	-site (circle)	cpen soils,	hilltops, ridge:	s, rock outer	ops, so	il crust	s, clay soil	s, o <del>ld r</del> oads,	various nec	tar sources
						<u>,                                      </u>				
			y Species	•				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
		LASCAL
		Erodium sp.
		Mustard SP. Pienstemon SP.
		Playerbookning < St.
		Photolic Sio,
		Monzellia sp.
		SOLPAR.
		Pratystemon Californicas
		DerPhinisan Pangli
		LinaNthus Dlasthiflorus
		Chanactis op.
		Lotus Scoparius
	12.110.00	Carnessaria colifornia
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

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Recorder:_	Stephe	in Rink	Add'l	Person:	4		Date: _	5/11/10	
Project:	Marsani	ta Wind Energ	y Project	Map #:_	4		Survey Sxi	n: <b></b>	
GPS Unit :	_6				_ QCB Protoco	l Survey	#_6	of	爾
TIME (2	4-houri	Temp (F°):	Wind (avg/max)	% CE			Sky		
START	1100	294	2-10	100	clear	patchy	(overcasi)	drizzte	shower
	7777			, , ,	clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzte	shower
					clear	patchy	overcast	drizzle	shower
					clear	patchy	overcasi	drizzte	shower
					clear	patchy	overcast	drizzle	shower
END					clear	patchy	overcast	drizzte	shower
Habitat On	-site (circle)	: open soils,	hilltops, ridge	s, rock outo	crops, soil crust	s, clay so	oils, old roads,	various nec	tar sources
		Butterfi	v Species				Tally		Totai
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MAP/GP\$ LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

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Recorder:	Mulere	He Co	Fis me Addi	Person:			Date: _	5/17	110	_
Project:	ίΜαι C <del>ompo</del>	и 2anifo- Wind Energ	y Project	Map #:_	Ч		_ Survey Sx	sn:	F	
GPS Unit	:	(no data	<u>n)                                    </u>		QCB Proto	col Survey #	φ_	of	5 .	
TIME (	24-hour}	Temp (F°):	Wind (avg/max)	% CC	<u> </u>		Sky			_
START	1100	62	8-10	100	clear	patchy	overcast)	drizzle	shower	
				[	clear	patchy	overcast	drizzle	shower	
					clear	•	overcast	drizate	shower	
					clear	patchy	overcast	drizzie	shower	
				Ţ	clear	patchy	overcast	drizzle	shower	
					clear	patchy	overcast	drizzłe	shower	
END	1314	765	8-15	100	clear	patchy	overcast)	drizzle	shower	_
Habitat Or	-site (circle)	: open soils,	hilltops, ridge	s, rock outc	rops, soil cru	usts, clay soi	ls, old roads,	various ne		;
		•	• • •							
		Butterfl	y Species				Tally		Total	
	مأسيم	a 2 6	sat 131	Ч						
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUMBER OF QCB DETECTED: ______ INDIVIDUALS

Recorder:_	M. He	مالم	Adď'I	Person:		<u>-</u> ·	Date: _	5-/7-	10
Project:	Hongo	и. н. Wind Energi	Add*I y Project	Map #:	13		_ Survey Sx	n:	
GPS Unit:	9				QCB Proto	ocol Survey #	6	of	<u>5</u> ,
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START	1000	40	25/4	100%	clear	patchy	overca9!	drizzle	shower
	11:06	65	23/54	<b></b>	clea	r patchy	evercasi	drizzle	shower
	12:06	62	42/92		clear	patchy	overcasi	drizzle	shower
	13:06	61.5	3.8/10.2	\ <i>I</i>	clear	patchy patchy	overcasi	drizzle	shower
			!		clear	patchy	gaetcyst	drizzie	shower
				<del></del>	clear	patchy	overcasi	drizzle	shower
END					clear	patchy	overcast	drizzle	shower
Habitet On	-site (circle)	: open soils,	hilltops, ridges	s, rock outer	ops, soil cre	usts, clay soil	ls, old roads,	various nec	tar sources
	<del> </del>		y Species		ranaman manaman and an ar	<del></del>	Tally	<u></u>	Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUMBER OF QCB DETECTED: ______ INDIVIDUALS

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Recorder:_	1 / line	OUFFE	Add'l	Person:	None		Date: _	yam Pl	2010
Project:	Manzar	nita Wind En	ergy Project	Мар	#: <u>Nie :</u>	<u> 33+26</u>	Survey	Sxn: <u>CAԴ</u>	n9o Q
GPS Unit:	<u>GAR</u>	กให ไไ			QCB Proto	ocol Survey#	<u></u>	of	5
TIME (2	4-hour)	Temp (F°):	Wind (avg/max)	% cc			Sky		
START	1325	84	Ø og men		Clear	patchy	overcast	drizzle	shower
	1400	80	ØS MPH		Cléàr		overcast	drizzle	shower
	1500	79	236 men	CICAR	Clear	patchy	overcasi	drizzle	shower
<u> </u>	1600	8 <b>ኤ</b>	104 MPH	CLEARL	Clear	patchy	overcast	drizzle	shower
					clear	' palchy	overcast	drizzle	shower
			<del> </del> -		clear	palchy	overcast	drizzle	shower
END	-14- (-1-1-1	<u> </u>	 	<u> </u>	clear		overcast		shower
Habitat On	-site (circle)	: open song	hilltopstridge	SYOCK OUTC	rops, son cri	usis, clay soil	s cold roads	various nei	ctar sources
			y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF OCB DE	TECTED: // INDIVIDUALS

Page <u>2</u> of <u>2</u>

Recorder:_	Dale	formell	Add'I	Person:	,,		Date:	5/19	10
Project:	Manzan	ita Wind Ene	rgy Project	Map 1	<b>#</b> :	<u> </u>	Survey	Sxn:	6
GPS Unit:		6	<del>-</del>		QCB Protoc	ol Survey#	6_	of	5
TIME (24		Temp (F°):	Wind (avg/max)	% CC	[	· &1~	Sky		
START	350	78°	710				overcast	drizzle	shower
	-1515	782	S7.7-	5/11/2		palchy	overcast	drizale	shower
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					clear	palchy	overcast	drizzle	shower
					clear	patchy	overcast	dńzzle	shower
END					clear	patchy	overcasi	drizzle	shower
	site (circle)	: coeи sails.	hilltops aidde:	s, rock outc					ectar sources
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		Butterfly	Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF OCE DE	TECTED: \(\times\) INDIVIDUALS

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Recorder:	S-Rind Manza		Add`l l	Person:			Date:	5/19/11	)
Project:	Manza	જારીજ, Wind Enera	y Project	Map #:	4		Survey Sx	sn:	
GPS Unit :						ocol Survey#			
TIME (2	24-hour)	Temp (F°);	Wind (avg/max)	% CC			Sky		
START	0830	70	2-3	0	clear	patchy	overcasi	drizzle	shower
	1100	72-	5 7	Õ	clear		overcasi	drizzte	shower
	1100 1380	73	: <i>5</i> -7	Ö	clear	) patchy	overcast	drizzle	shower
	1545	73	8-10	0	clear	patchy	overcasi	drizzte	shower
					clear	patchy	overcast	drizzle	shower
	,,,				clear	patchy	overcast	drizzle	shower
END	1600				clea	patchy	overcast	drizzle	shower
Habitat On		open soils,	hilitops, ridges	, rock outc	rops, soil cr	usts, clay soils	s, old roads,	various nec	tar sources
		Butterfl	y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 2 of 2

			Quino Chec		itterfly Protoc ita Sheet	ol Survey	1		
Recorder:_	M. He	nth	Add'II	Person:	Ø		Date:	5/19	10_
Project: Manzanita Wind Energy Project Map #				#: <u>/2</u>	Survey Sxn:				
GPS Unit :	5				QCB Protocol	Survey#	_6_	of	5
TIME (2	(4-hour)	Temp (F°):	Wind (avg/max)	% CC		-	Sky		
START	08:44	61.9	13/3.0	0%	(clear)	palchy	overcast	drizzte	spower
	10:00	67	24/56	1	clear	patchy	overçasi	drizzle	shower
	11:36	72.2	29/49		clear	patchy	overcasi	drizzte	shower
	13:00	74.3	2.1/34		clear	patchy	overcasi	drizzte	shower
<u> </u>	15:30	7731	2.7/30	~ //	clear	patchy	overcast	drizzia	shower
_		, ,	- ,	.85	clear	patchy	overcast	drizzle	shower
> 8ND	:				clear	patchy	overcast	drizzte	shower
Habitat On	i-site (circle)	): open soils,	hilitops, ridges	s, rock outer	rops, soil crusts	s, clay soil	s, old roads	, various n	ectar sources
		Butterfl	y Species				Taliy		Total
Acme	n blue								19
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Dusk	Cy W	30							15
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Acman blue	19
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Pale swallowtail	]
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Common white	7
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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		Camissianic Sp
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		Bive dick
		Chinese Heuse
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		Perster on
		Golde bush
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TOTAL NUM	BER OF QCB DE	TECTED: // INDIVIDUALS

Recorder:_	M.	Heath	Add11	Person:	Ø		Dale;	5/19	/10
Project:	Manz	anita Wind Ene	ergy Project	Map#	#: <u>/2</u> _		Surve	y Sxn:	
GPS Unit :	_5_				QCB Protoc	ol Survey#	6	of	5 <u>.</u>
TIME (24	4-hour)	Temp (F°):	Wind (avg/max)	% CC			Sky		
START					çlear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	dńzzie	shower
					clear	patchy	overcast	dńzzie	shower
		-			cłear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
END		. [			dear	patchy	overcast	drizzle	shower
Habitat On-	-site (circ	le): open soils,	hilltops, ridges	s, rock outer	rops, soil crus	sts, clay soils	s, old roads	s, various n	ectar sources
		Butterfly	/ Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUMBER OF QCB DETECTED: INDIVIDUALS		

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Recorder:	Autonet	le Cartra	net Add'I	Person:	None		Date:	: <u>\$ 1<b>9</b> 1</u>	0
Project:	Campo	∧2aivi+t. <u>Wind Energ</u>	y Project	Map #:	4		Survey S	5xn:	
GPS Unit:	(	1			•		,	of	<u>5</u> .
TIME (2	TIME (24-hour) Temp (F°): (avg/max) % CC						Sky		
	08.45	61	2 /3.3	6/0	Clear	patchy		drizzle	shower
					clear	<del></del>	overcast	drizzle	shower
	1000	79	1/3	0%	Clea	) patchy	overcast	drizzle	shower
	1200	78	1/0	0%	Clea	<del></del>	overcast_	drizzle	shower
	1400	78	49	0%	Clea	7	overcast	drizzle	shower
	1500	78	1/6	0%0	Clear	<del></del>	<del></del>		shower
END	1600	78	3/48	29/20				drizzle	shower
napitai On	r-site (circle)	: open soils,	hilltops (ridge)	s, rack outer	ops, son cri	usts, clay s	solis, ose road	s, various nec	tar sources
В			y Species			ent cere le	# Tally #	HT II	Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
		Did not GPS that plant / previously umpped
		to overall host point wood between bouses
		dyna out 10-20% most populations live
	T002=0 14:7	on Will tops
4/16BJ1	Blacktined Justially	in sage scub
4/16/121	Ferned Traval	in open area of juessland
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 2 of 2

			Add'l				Date:		
Project:	M4412 - <del>Gampo</del>	-Wind Energy	/ Project	Map#:_	<u>13</u>		Survey Sxn	n: _ <del></del>	
GPS Unit	_CaAsan	. 7	·		GCB Proto	ocol Survey#	<u>د</u>	of	5 .
TIME (	24-hour)	Temp (F°):	Wind (avg/max)	% CC	İ		Sky		
START		7/°	1/2	0%	लंबन	patchy	overcasi	drizzle	shower
			•		clea	patchy	overcasi	drizzle	shower
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		↓ <i>,</i>			clea.		overcasi	drizzle	shower
	1000	100	-//	(0.9)	clea:			drizzle	shower
END	1505		1/6	0%				drizzle	shower
Habitat Or	n-site (circle	): <u>peen s</u> ous,	anitops>dage	s, rock-outc	rops,-son cr	usts, clay soils	, perroans, a	various nec	tar sources
		Butterfly	/ Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMM	ENTS FOI	R ALL MAP	PED POL URCES, (YGOS AND GPS POINTS/ GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTE	ED:	Ø		INDIVIDUALS

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Recorder:	ADAM	BEHVE	Add'i	Person:			Date: .	5/19/	/ <u>/</u>
Project:	<u>Manzar</u>	nita Wind Ene	ergy Project	Map #	:_10		Survey	Sxn:	
GPS Unit	GA	Hmin	7		QCB Prote	ocal Survey #	6	of	5
TIME (24-hour) Temp (F°): (avg/max)				% CC			Sky		
START	0340	65	1/2	0%	clear	patchy	overcast	drizzle	shower
				•	clear	patchy	overcast	drizzle	shower
					clear	patchy	overcast	drizzie	shower
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	•				ctear	patchy	overcast	dńzzie	shower
					clear	patchy	overcast	drizzle	shower
END	0945	7/°	1/2	0%	€ Ear	patchy	overcast	drizzle	-shower_
Habitat Or	Habitat On-site (circle): open soils? httlops, ridges, reck outcrops, soil crusts, clay soils, eld roads, various nectar sourcee							tar sourcee	
· <del>-</del>		Butterfly	/ Species				Tally	· <u>-</u>	Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	BER OF QCB DE	TECTED: INDIVIDUALS

Page 2 of 2

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Recorder:	GRIN L	Alaste	Add'I	Person:			Date:	5/19	110
Project:	Manzar	ita Wind En	ergy Project	Map a	#: <u>14 , /</u>	5	Surve	y Sxn:	2
	3				,	col Survey #	_		
GPS Offic.	<u> </u>				QCB Prote	xoi survey #		<u>-</u> ≪_ or	<u> 5 </u>
TIME (2	(4-hour)	Temp (F°):	Wind (avg/max)	% cc	T		Sky	•	
START	0850	7/	/- 2	<del>0</del>	(Sea)	patchy	overcasi	drizzie	shower
	1100	7) 78	2-5	Đ	7clear		overcast	drizzle	shower
					clear	patchy	overcast	drizzle	shower
			<del></del>		clear	patchy	overcast	drizzie	shower
	<u> </u>				clear	palchy	overcast	drizzle	shower
	75.00	1	~ -		clear		overcast	drizzle	shower
END Habitat On	/200		3-7	⊕ •	72E31	palchy	overcasi	drizzię	shower
Habitat Of	r-site (circle)	. open sons,	hilltops, ridge	s, rock outc	iops, son cr	usts, clay som	s, old roads	s, various ne	ctar sources
		Butterfl	y Species				Tally		Total
Acmo	n Blue					1111			Ų.
Sou Ha	em Bh	i Æ				.i.			7
Funer	and Dus	laywing				. 1			2
Rale	Swallo	tail				il ·	······································		2
· · ·	White	20 / 10/				1			1
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Casa	<u>n tailus</u> Orangot	- F-10 C				111			12
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		LASTHENIA California
		Erodium SP.
		Errastrum Sapphirinum
		Plagosothry SP
		Flagosothry SP Escholzia Calfornica
		Penstern or Centranthifolius
		Character glabriuscula
		Uropappus Gindleying
***		DerAinon Parishii
		Linanthus Parviflorus
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1		Ratingsavia Culifornica
		P. I che California AM
• • •		Lupinus Concinaus
ELCOHE 01	P	Lupinus Concinnus Colliusia = 50 individualis
1	187 - 1-17	Eripphyllon confort from
		Penstemon spectabilis
		Camponia Celebrania
		Tricostoma lanatum
		Dichelostemme caphatum
		Linantha Dianthitiorus
		Solanom Parihii
		Lotus Scoparius
		Sampucus mericanius
CLANCOOL	P	Sampucus mericanius Antherhanum Coultariunum - 3-5 individua
		Amsinkia menzesii
		Astrachles st.
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Page Z of Z

Recorder:_	Pale	Pau	C Adort	oerson:		-	Date:	5/2	6/10_
Project:	Manzan	ita Wind End	ergy Project	_ Map	#:				<u>-</u> .
GPS Unit:		<u></u>			QCB Proto	col Survey#	<u>6</u>	of	5 .
TIME (2		Tamp (F*):	Wind (avg/max)	% cc		· · ·	Sky		
START	8:30	600		0	cles	> patchy	overcast	drizzte	shower
	1015	73°	9/12	6	Clear	patchy	overcast	drizzie	shower
					dear	patchy	overcasi	drizzle	shower
					clear		overcas!	drizzle	shower
		:			tiear		overcast	drizzle	shower
	" ''	· · · •			dear		overcast	drizzle	shower
END		<del></del>			ciear		overcast	drizzle	
	-site (circle)	epen soils.	hilllops, ridges	rock outci	nos soilea	ists clay soils	sold roads	various no	_shower
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		Butterfis	/ Species				Tally		Total
Blue			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			· · · · · · · · · · · · · · · · · · ·	· usiy		i
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GPS POINTS/ SPECIES LIST (NECTAR SOURCES, GENERAL WILDLIFE LIST)
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TOTAL NUM	MBER OF QCB DE	TECTED: O INDIVIDUALS

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Project:	Manzan	ita Wind Ene	rgy Project	Map #:	1		Survey		Į.
GPS Unit :					QCB Protoco	l Survey #		of	5
TIME (2		Temp (F°):	Wind - (avg/max)	% CC			Sky		
START	10:40	74°	10/12	0	eac)	patchy	overcas!	drizzle	shower
	11:47	730	8/14		−c®a₽	patchy	overcasi	drizzle	shower
	12:45	7.90	678	0	<u>Clear</u>	patchy	overcast	drizzle	shower
					dear	patchy	overcasi	qrizzle	Shower
			· ···		clear	patchy	overcas!	drizz]e	shower
					clear	patchy	overcast	drizzię	shower
END D	l	<u> </u>	¥ 36 × 25		clear	patchy	overcast	drizzle	shower
Habitat On-site (circle): ppen soils, hilltops) ridges, rock outcops, soil crusts, clay soils, etd roads. rarious nectar sources.									
		Butterfly	Species				Ta≹ly		Total
Chec	kerd 4	<u>) 4,75 </u>		<del></del>		<u> </u>			ļ <u>ļ</u>
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Recorder:_	HIKE	COUFFE	PS Add'i	Person:	None	٠. ـ	Date:	<u>am ox</u>	ð <u>S010</u>
Project:	Manzan	ita Wind En	ergy Project	Map #	JILE	4	Survey	/ Sxn: <u>MA</u> )	15-D
GPS Unit:	GBRI	M Nia			QCB Proto	col Survey #		of	<u>6</u>
TIME (2	4-իօսլ)	Temp (F°):	Wind {avg/max}	% CC			Sky		
START	1345	7770	5->8.00H	CLEAR	ctear	patchy	overcast	drizzle	shower
	1400	770	3·>9 mm	CLEAR	ctear	patchy	overcast	drizzle	shower
	1500	760	3-76 m0H	CLEAR	ctear	patchy	overcast	drizzie	shower
					c‡ear	patchy	overcast	drizzię	shower
<u>.                                 </u>					clear	palchy	overcast	drizzle	shower
· ······					c <b>l</b> ear	palchy	overcast	drizzle	shower
END		<u></u>			dear	paichy	ov <u>ercas</u> t	drizzle	shower
Habitat On	-site (circle)	open soils	hilltops, ridge	s, rock outer	ops, soil cru	ists, clay soils	old roads	various nec	tar sources
		Butterfi	y Species				Tally		Total
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MAP/GPS LABEL	POINT/POLYGON TYPE	COMMENTS FOR ALL MAPPED POLYGOS AND GI SPECIES LIST (NECTAR SOURCES, GENERAL WIL	PS POINTS/ DLIFE LIST)
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#### **APPENDIX C**

SUMMARY OF BUTTERFLY AND MOTH SPECIES OBSERVED DURING QUINO CHECKERSPOT BUTTERFLY SURVEYS FOR THE MANZANITA WIND ENERGY PROJECT

# APPENDIX C SUMMARY OF BUTTERFLY SPECIES OBSERVED DURING QUINO CHECKERSPOT BUTTERFLY SURVEYS FOR THE MANZANITA WIND ENERGY PROJECT¹

Common Name         Species Name         1         2         3         4         5         6         Total Notation           Anise swallowtail         Papilio zutulus         0         0         1         1         0         3         4           Pale swallowtail         Papilio cutymedon         2         17         20         16         5         41         101           Black swallowtail         Papilio polyxenes         0         0         0         0         0         1         1         1           Spring (California) white         Pontia isymbrii         24         27         14         4         5         14         88           Checkered (common) white         Pontia protodice         22         44         53         4         8         32         163           Cabbage white         Artogeia rapae         0         4         1         0         0         0         5           Becker's white         Pontia bockerii         0         2         26         16         7         25         76           White species         Species unknown         70         278         51         54         11         40         504								Week	
Western tiger swallowtail         Papilio rutulus         0         0         0         1         0         3         4           Pale swallowtail         Papilio eurymedon         2         17         20         16         5         41         101           Black swallowtail         Papilio polyxenes         0         0         0         0         0         1         1         1           Spring (California) white         Pontia in Symbrii         24         27         14         4         8         32         163           Cabbage white         Artogeia rapae         0         4         1         0         0         0         0         5           Becker's white         Pontia beckerii         0         2         26         16         7         25         76           White species         Species unknown         70         278         51         54         11         40         50         4         11         0         0         0         0         1         1         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	Common Name	Species Name	1	2	3	4	5	6	Total
Pale swallowtail		Papilio zelicaon			-				
Black swallowtail	Western tiger swallowtail	•	0	0	0	1	0	3	4
Spring (California) white	Pale swallowtail	Papilio eurymedon	2	17	20	16	5	41	101
Checkered (common) white         Pontia protodice         22         44         53         4         8         32         163           Cabbage white         Artogeia rapae         0         4         1         0         0         0         5           Becker's white         Pontia beckerii         0         2         26         16         7         25         76           White species         Species unknown         70         278         51         54         11         40         504           Alfalfa butterfly (orange sulfur)         Colias eurytheme         1         0         0         0         0         0         0         0         6           Pacific Sara orangetip         Anthocharis sara sara         143         109         45         57         35         116         505           Harford's sulphur         Colias harfordii         0         0         2         4         1         11         18         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11	Black swallowtail	Papilio polyxenes	0	0	0	0	0	1	1
Cabbage white         Artogeia rapae         0         4         1         0         0         0         5           Becker's white         Pontia beckerii         0         2         26         16         7         25         76           White species         Species unknown         70         278         51         54         11         40         504           Alfalfa butterfly (orange sulfur)         Colias eurytherne         1         0         0         0         0         0         1           Desert (Felder's) orangetip         Anthocharis serbura         4         0         2         0         0         0         6           Pacific Sara orangetip         Anthocharis sara sara         143         109         45         57         35         116         505           Harford's sulphur         Colias harfordii         0         0         2         4         1         11         18         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11 </td <td>Spring (California) white</td> <td>Pontia sisymbrii</td> <td>24</td> <td>27</td> <td>14</td> <td>4</td> <td>5</td> <td>14</td> <td>88</td>	Spring (California) white	Pontia sisymbrii	24	27	14	4	5	14	88
Becker's white	Checkered (common) white	Pontia protodice	22	44	53	4	8	32	163
White species         Species unknown         70         278         51         54         11         40         504           Alfalfa butterfly (orange sulfur)         Colias eurytheme         1         0         0         0         0         0         1           Desert (Felder's) orangetip         Anthocharis cethura         4         0         2         0         0         0         6           Pacific Sara orangetip         Anthocharis sara sara         143         109         45         57         35         116         505           Harford's sulphur         Colias harfordii         0         0         2         4         1         11         18           Cloudless (senna) sulphur         Phoebus sennae marcellina         1         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         1         1         1         0         0         0         0         0         0         0         0         0         0         0         0         0         0         1         1         0         0         0         1         1         0         <	Cabbage white	Artogeia rapae	0	4	1	0	0	0	5
Alfalfa butterfly (orange sulfur)         Colias eurytheme         1         0         0         0         0         1           Desert (Felder's) orangetip         Anthocharis cethura         4         0         2         0         0         0         6           Pacific Sara orangetip         Anthocharis sara sara         143         109         45         57         35         116         505           Harford's sulphur         Colias harfordii         0         0         2         4         1         11         18           Cloudless (senna) sulphur         Phoebus sennae marcellina         1         0         0         0         0         0         1         0         1         0         1         1         11         1         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         1	Becker's white	Pontia beckerii	0	2	26	16	7	25	76
Desert (Felder's) orangetip	White species	Species unknown	70	278	51	54	11	40	504
Pacific Sara orangetip	Alfalfa butterfly (orange sulfur)	Colias eurytheme	1	0	0	0	0	0	1
Harford's sulphur	Desert (Felder's) orangetip	Anthocharis cethura	4	0	2	0	0	0	6
Cloudless (senna) sulphur	Pacific Sara orangetip	Anthocharis sara sara	143	109	45	57	35	116	505
Sleepy orange   Eurema nicippe   0   0   0   0   1   0   1   1   1   1	Harford's sulphur	Colias harfordii	0	0	2	4	1	11	18
Dainty sulphur         Nathalis iole         0         0         0         2         2         3         7           Sulphur species         Species unknown         3         0         15         5         1         10         34           Orange species         Species unknown         1         0         0         0         0         0         1         2           Perplexing hairstreak         Callophrys dumetorum perplexa         261         128         103         28         1         11         532           Gray hairstreak         Strymon melinus         0         0         0         0         0         0         4         4           Brown elfin         Callophrys augustinus         13         8         3         4         0         2         30           Pygmy blue         Brephidium exilis         3         0         0         1         0         1         5         5           Echo blue         Celastrina echo         0         4         2         0         0         3         9           Western tailed blue         Everes amyntula         3         5         6         0         0         7         21 </td <td>Cloudless (senna) sulphur</td> <td>Phoebus sennae marcellina</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td>	Cloudless (senna) sulphur	Phoebus sennae marcellina	1	0	0	0	0	0	1
Sulphur species         Species unknown         3         0         15         5         1         10         34           Orange species         Species unknown         1         0         0         0         0         1         2           Perplexing hairstreak         Callophrys dumetorum perplexa         261         128         103         28         1         11         532           Gray hairstreak         Strymon melinus         0         0         0         0         0         4         4           Brown elfin         Callophrys augustinus         13         8         3         4         0         2         30           Pygmy blue         Brephidium exilis         3         0         0         1         0         1         5         5           Echo blue         Celastrina echo         0         4         2         0         0         3         9           Western tailed blue         Everes amyntula         3         5         6         0         0         7         21           Spring azure (echo blue)         Celastrina ladon         4         3         0         1         0         11         1         11 <t< td=""><td>Sleepy orange</td><td>Eurema nicippe</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>0</td><td>1</td></t<>	Sleepy orange	Eurema nicippe	0	0	0	0	1	0	1
Orange species         Species unknown         1         0         0         0         1         2           Perplexing hairstreak         Callophrys dumetorum perplexa         261         128         103         28         1         11         532           Gray hairstreak         Strymon melinus         0         0         0         0         0         4         4           Brown elfin         Callophrys augustinus         13         8         3         4         0         2         30           Pygmy blue         Brephidium exilis         3         0         0         1         0         1         5           Echo blue         Celastrina echo         0         4         2         0         0         3         9           Western tailed blue         Everes amyntula         3         5         6         0         0         7         21           Spring azure (echo blue)         Celastrina ladon         4         3         0         1         0         11         19           Marine blue         Leptotes marina         0         0         0         0         2         24         26           Lupine blue         Plebejus lup	Dainty sulphur	Nathalis iole	0	0	0	2	2	3	7
Perplexing hairstreak         Callophrys dumetorum perplexa         261         128         103         28         1         11         532           Gray hairstreak         Strymon melinus         0         0         0         0         0         4         4           Brown elfin         Callophrys augustinus         13         8         3         4         0         2         30           Pygmy blue         Brephidium exilis         3         0         0         1         0         1         5           Echo blue         Celastrina echo         0         4         2         0         0         3         9           Western tailed blue         Everes amyntula         3         5         6         0         0         7         21           Spring azure (echo blue)         Celastrina ladon         4         3         0         1         0         11         19           Marine blue         Leptotes marina         0         0         0         0         2         24         26           Lupine blue         Plebejus lupines         1         0         0         0         0         0         1           Melissa blue	Sulphur species	Species unknown	3	0	15	5	1	10	34
Gray hairstreak         Strymon melinus         0         0         0         0         4         4           Brown elfin         Callophrys augustinus         13         8         3         4         0         2         30           Pygmy blue         Brephidium exilis         3         0         0         1         0         1         5           Echo blue         Celastrina echo         0         4         2         0         0         3         9           Western tailed blue         Everes amyntula         3         5         6         0         0         7         21           Spring azure (echo blue)         Celastrina ladon         4         3         0         1         0         11         1         19           Marine blue         Leptotes marina         0         0         0         0         2         24         26           Lupine blue         Plebejus lupines         1         0         0         0         0         0         1         1         0         0         0         0         1         1         0         0         0         0         0         1         1         0         0	Orange species	Species unknown	1	0	0	0	0	1	2
Brown elfin         Callophrys augustinus         13         8         3         4         0         2         30           Pygmy blue         Brephidium exilis         3         0         0         1         0         1         5           Echo blue         Celastrina echo         0         4         2         0         0         3         9           Western tailed blue         Everes amyntula         3         5         6         0         0         7         21           Spring azure (echo blue)         Celastrina ladon         4         3         0         1         0         11         1         19           Marine blue         Leptotes marina         0         0         0         0         2         24         26           Lupine blue         Plebejus lupines         1         0         0         0         0         0         1           Melissa blue         Lycaeides melissa         0         0         0         0         0         1         1         0         1         0         1         0         1         1         0         1         1         0         1         1         0         0	Perplexing hairstreak	Callophrys dumetorum perplexa	261	128	103	28	1	11	532
Pygmy blue         Brephidium exilis         3         0         0         1         0         1         5           Echo blue         Celastrina echo         0         4         2         0         0         3         9           Western tailed blue         Everes amyntula         3         5         6         0         0         7         21           Spring azure (echo blue)         Celastrina ladon         4         3         0         1         0         11         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <td>Gray hairstreak</td> <td>Strymon melinus</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>4</td> <td>4</td>	Gray hairstreak	Strymon melinus	0	0	0	0	0	4	4
Echo blue         Celastrina echo         0         4         2         0         0         3         9           Western tailed blue         Everes amyntula         3         5         6         0         0         7         21           Spring azure (echo blue)         Celastrina ladon         4         3         0         1         0         11         19           Marine blue         Leptotes marina         0         0         0         0         2         24         26           Lupine blue         Plebejus lupines         1         0         0         0         0         0         0         1           Melissa blue         Lycaeides melissa         0         0         0         0         0         0         1         0         0         0         13         13           Southern (silvery) blue         Glaucopsyche lygdamus australis         0         4         1         1         0         17         23           arrowhead blue         Glaucopsyche piasus umbrosa         0         1         0         0         0         0         1           Acmon blue         Icaricia acmon acmon         59         36         38	Brown elfin	Callophrys augustinus	13	8	3	4	0	2	30
Western tailed blue         Everes amyntula         3         5         6         0         0         7         21           Spring azure (echo blue)         Celastrina ladon         4         3         0         1         0         11         19           Marine blue         Leptotes marina         0         0         0         0         2         24         26           Lupine blue         Plebejus lupines         1         0         0         0         0         0         0         1           Melissa blue         Lycaeides melissa         0         0         0         0         0         0         0         13         13           Southern (silvery) blue         Glaucopsyche lygdamus australis         0         4         1         1         0         17         23           arrowhead blue         Glaucopsyche piasus umbrosa         0         1         0         0         0         0         1           Acmon blue         Icaricia acmon acmon         59         36         38         12         24         153         322           Behr's metalmark         Apodemia mormo virgulti         426         619         669         904         307<	Pygmy blue	Brephidium exilis	3	0	0	1	0	1	5
Spring azure (echo blue)         Celastrina ladon         4         3         0         1         0         11         19           Marine blue         Leptotes marina         0         0         0         0         2         24         26           Lupine blue         Plebejus lupines         1         0         0         0         0         0         0         0         1           Melissa blue         Lycaeides melissa         0         0         0         0         0         0         0         13         13           Southern (silvery) blue         Glaucopsyche lygdamus australis         0         4         1         1         0         17         23           arrowhead blue         Glaucopsyche piasus umbrosa         0         1         0         0         0         0         1           Acmon blue         Icaricia acmon acmon         59         36         38         12         24         153         322           Blue species         Species unknown         26         16         9         16         4         55         126           Behr's metalmark         Apodemia mormo virgulti         426         619         669         904	Echo blue	Celastrina echo	0	4	2	0	0	3	9
Marine blue         Leptotes marina         0         0         0         0         2         24         26           Lupine blue         Plebejus lupines         1         0         0         0         0         0         0         1           Melissa blue         Lycaeides melissa         0         0         0         0         0         0         13         13           Southern (silvery) blue         Glaucopsyche lygdamus australis         0         4         1         1         0         17         23           arrowhead blue         Glaucopsyche piasus umbrosa         0         1         0         0         0         0         1           Acmon blue         Icaricia acmon acmon         59         36         38         12         24         153         322           Blue species         Species unknown         26         16         9         16         4         55         126           Behr's metalmark         Apodemia mormo virgulti         426         619         669         904         307         1359         4284           Fritillary species         Species unknown         8         0         0         0         0         0	Western tailed blue	Everes amyntula	3	5	6	0	0	7	21
Lupine blue         Plebejus lupines         1         0         0         0         0         1           Melissa blue         Lycaeides melissa         0         0         0         0         0         0         13         13           Southern (silvery) blue         Glaucopsyche lygdamus australis         0         4         1         1         0         17         23           arrowhead blue         Glaucopsyche piasus umbrosa         0         1         0         0         0         0         1           Acmon blue         Icaricia acmon acmon         59         36         38         12         24         153         322           Blue species         Species unknown         26         16         9         16         4         55         126           Behr's metalmark         Apodemia mormo virgulti         426         619         669         904         307         1359         4284           Fritillary species         Species unknown         8         0         0         0         0         0         8           Mylitta crescent         Phyciodes mylitta         0         0         0         0         1         0         1 <td>Spring azure (echo blue)</td> <td>Celastrina ladon</td> <td>4</td> <td>3</td> <td>0</td> <td>1</td> <td>0</td> <td>11</td> <td>19</td>	Spring azure (echo blue)	Celastrina ladon	4	3	0	1	0	11	19
Melissa blue         Lycaeides melissa         0         0         0         0         0         13         13           Southern (silvery) blue         Glaucopsyche lygdamus australis         0         4         1         1         0         17         23           arrowhead blue         Glaucopsyche piasus umbrosa         0         1         0         0         0         0         1           Acmon blue         Icaricia acmon acmon         59         36         38         12         24         153         322           Blue species         Species unknown         26         16         9         16         4         55         126           Behr's metalmark         Apodemia mormo virgulti         426         619         669         904         307         1359         4284           Fritillary species         Species unknown         8         0         0         0         0         8           Mylitta crescent         Phyciodes mylitta         0         0         0         0         1         0         1	Marine blue	Leptotes marina	0	0	0	0	2	24	26
Southern (silvery) blue         Glaucopsyche lygdamus australis         0         4         1         1         0         17         23           arrowhead blue         Glaucopsyche piasus umbrosa         0         1         0         0         0         0         1           Acmon blue         Icaricia acmon acmon         59         36         38         12         24         153         322           Blue species         Species unknown         26         16         9         16         4         55         126           Behr's metalmark         Apodemia mormo virgulti         426         619         669         904         307         1359         4284           Fritillary species         Species unknown         8         0         0         0         0         8           Mylitta crescent         Phyciodes mylitta         0         0         0         0         1         0         1	Lupine blue	Plebejus lupines	1	0	0	0	0	0	1
Southern (silvery) blue       australis       0       4       1       1       0       17       23         arrowhead blue       Glaucopsyche piasus umbrosa       0       1       0       0       0       0       1         Acmon blue       Icaricia acmon acmon       59       36       38       12       24       153       322         Blue species       Species unknown       26       16       9       16       4       55       126         Behr's metalmark       Apodemia mormo virgulti       426       619       669       904       307       1359       4284         Fritillary species       Species unknown       8       0       0       0       0       8         Mylitta crescent       Phyciodes mylitta       0       0       0       0       1       0       1	Melissa blue	Lycaeides melissa	0	0	0	0	0	13	13
Acmon blue         Icaricia acmon acmon         59         36         38         12         24         153         322           Blue species         Species unknown         26         16         9         16         4         55         126           Behr's metalmark         Apodemia mormo virgulti         426         619         669         904         307         1359         4284           Fritillary species         Species unknown         8         0         0         0         0         8           Mylitta crescent         Phyciodes mylitta         0         0         0         1         0         1	Southern (silvery) blue		0	4	1	1	0	17	23
Blue species         Species unknown         26         16         9         16         4         55         126           Behr's metalmark         Apodemia mormo virgulti         426         619         669         904         307         1359         4284           Fritillary species         Species unknown         8         0         0         0         0         0         8           Mylitta crescent         Phyciodes mylitta         0         0         0         0         1         0         1	arrowhead blue	Glaucopsyche piasus umbrosa	0	1	0	0	0	0	1
Behr's metalmark         Apodemia mormo virgulti         426         619         669         904         307         1359         4284           Fritillary species         Species unknown         8         0         0         0         0         0         8           Mylitta crescent         Phyciodes mylitta         0         0         0         0         1         0         1	Acmon blue	Icaricia acmon acmon	59	36	38	12	24	153	322
Fritillary species         Species unknown         8         0         0         0         0         8           Mylitta crescent         Phyciodes mylitta         0         0         0         1         0         1	Blue species	Species unknown	26	16	9	16	4	55	126
Mylitta crescent         Phyciodes mylitta         0         0         0         1         0         1	Behr's metalmark	Apodemia mormo virgulti	426	619	669	904	307	1359	4284
Mylitta crescent         Phyciodes mylitta         0         0         0         1         0         1	Fritillary species	Species unknown	8	0	0	0	0	0	8
	Mylitta crescent	Phyciodes mylitta	0	0	0	0	1	0	1
	-	-	0	0	0	0	0	6	6

Common Name	Species Name	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Total
Satyr comma	Polygonia satyrus	2	0	0	0	0	0	2
Common ringlet	Coenonympha tullia	2	0	0	0	0	0	2
Sachem	Atalopedes campestris	0	0	0	0	0	1	1
Gabb's checkerspot	Chlosyne gabbii	0	1	1	1	1	0	4
Chalcedon checkerspot	Euphydryas chalcedona chalcedona	1	0	1	1	1	0	4
Quino checkerspot	Euphydryas editha quino	5	3	3	0	0	0	11
California patch	Chlosyne californica	0	1	0	0	0	1	2
Bordered patch	Chlosyne lacinia	0	0	0	0	0	1	1
Checkerspot species	Species unknown	1	0	0	0	0	0	1
Red admiral	Vanessa atalanta	0	1	3	0	0	0	4
Painted lady	Vanessa cardui	65	12	23	71	10	33	214
West coast lady	Vanessa annabella	3	1	1	31	1	4	41
Lady species	Vanessa sp.	15	15	24	14	5	7	80
California sister	Adelpha bredowii californica	0	0	0	0	0	1	1
Queen	Danaus gilippus	1	0	0	0	1	0	2
Funereal duskywing	Erynnis funeralis	104	36	12	39	3	28	222
Sleepy duskywing	Erynnis brizo	6	8	0	0	0	0	14
Propertius duskywing	Erynnis propertius	0	2	8	1	6	0	17
Mournful duskywing	Erynnis tristis	1	1	2	0	0	1	5
Afranius duskywing	Erynnis afranius	0	0	0	0	0	6	6
Duskywing species	Species unknown	104	24	24	4	5	42	203
Northern cloudywing	Thorybes pylades albosuffusa	0	1	1	0	0	1	3
Common sootywing	Pholisora catullus	1	0	0	12	3	3	19
Common checkered skipper	Pyrgus communis	0	2	0	0	0	0	2
Juba skipper	Hesperia juba	0	0	0	0	0	5	5
Fiery skipper	Hylephila phyleus	0	0	2	0	0	0	2
Northern white skipper	Heliopetes ericetorum	0	0	0	0	0	3	3
Skipper species	Species unknown	1	0	0	0	0	1	2
California tortoiseshell	Nymphalis californica	12	4	1	0	0	0	17
California (Pearly) marble	Euchloe hyantis	126	62	16	7	5	22	238

¹Unidentified moth species were also detected during Quino checkerspot butterfly surveys but are not included in this list.

#### **APPENDIX D**

## WEEKLY FLOWERING PLANT OBSERVATIONS FOR MANZANITA WIND ENERGY PROJECT

## APPENDIX D WEEKLY FLOWERING PLANT OBSERVATIONS FOR MANZANITA WIND ENERGY PROJECT

			Week					
Scientific Name	Common Name	1	2	3	4	5	6	
Amsinckia menzesii var. intermedia	rancher fiddleneck	Х	Х	Х	Х	Х	Χ	
Antirrhinum coulterianum*	Coulter's snapdragon						Х	
Arabis pulchra var. pulchra	tower mustard	Х	Х	Χ		Х		
Arctostaphylos glandulosa ssp. adamsii	manzanita	Х						
Arctostaphylos glauca	bigberry manzanita	Х	Х					
Arctostaphylos pungens	Mexican manzanita	Х						
Arctostaphylos spp.	manzanita	Х	Х					
Astragalus douglasii var. perstrictus ¹	Jacumba milkvetch		Х	Х	Х	Х	Χ	
Brassica sp.	mustard	Х						
Calandrinia ciliata	red maids					Х		
Calycoseris parryii	yellow tackstem	Х						
Camissonia spp.	sun cup	Х	Х	Χ	Х	Χ	Х	
Camissonia californica	false-mustard			Х			Х	
Caulanthus heterophyllus var. heterophyllus	San Diego jewelflower	Х	Х				Х	
Caulanthus simulans ²	Payson's jewelflower	Х	Х	Х				
Castilleja spp.	Indian paintbrush			Х			Х	
Ceonothus cuneatus	buckbrush	Х	Х			Χ		
Ceonothus greggii var. perplexans	cup-leaf-lilac	Х	Х	Х		Х		
Ceonothus leucodermis	chaparral whitethorn	Х	Х	Х	Х			
Cercocarpus betuloides var. betuloides	birch-leaf mountain mahogany	Х	Х	Х	Х			
Chaenactis artemisiifolia	white pincushion						Х	
Chaenactis glabriscula var. glabriscula	yellow pincushion						Х	
Chaenactis spp.	pincushion					Х	Х	
Chenopodium spp.	chenopodium			Х				
Cirsium occidentale	cobwebby thistle						Х	
Claytonia spp.	miner's lettuce	Х	Х	Х		Х	Х	
Collinsia concolor*	Chinese houses	Х	Х	Χ	Х	Х	Х	
Cordylanthus rigidus ssp. setigerus*	bird's beak	Х	Х					
Cryptantha intermedia	nievitas cryptantha		Х	Х	Х		Х	
Cryptantha spp.	cryptantha	Х	Х	Х	Х	Х	Х	
Cuscuta californica var. californica	chaparral dodder			Х				
Delphinium parishii ssp. subglobosum³	oceanblue larkspur						Х	
Delphinium parryi	larkspur						Χ	
Delphinium spp.	larkspur		Х			Х	Χ	
Dendromecon rigida	bush poppy				Х	Х	Χ	
Descurainia pinnata	tansy-mustard	Х						
Descurainia spp.	tansy-mustard		Х	Х	Х	Х	Х	

				We	ek		
Scientific Name	Common Name		2	3	4	5	6
Dichelostemma capitatum	blue dicks			Х	Х	Х	Х
Emmenanthe penduliflora var. penduliflora	whispering bells				Х		
Eriastrum sapphirinum ssp. Sapphirinum							Х
Ericameria spp.	goldenbush	Х		Х	Х	Х	Х
Eriogonum fasciculatum	buckwheat	Х		Х			
Eriogonum spp.				Х	Х		Х
Eriophyllum confertiflorum var. confertiflorum	long-stem golden yarrow						Х
Erodium cicutarium	filaree	Х	Х	Х	Х	Х	Х
Erysimum capitatum ssp. capitatum	western wallflower		Х				
Eschscholzia californica	California poppy	Х	Х	Х			Х
Filago californica	Californica filago			Х	Х		
Geraea viscida⁴	stickey geraea		Х				
Gilia capitatum ssp. abrotanifolia	ball gilia			Х	Х		Х
Gilia spp.	gilia	Х	Х	Х		Х	Х
Hirschfeldia incana	short-pod mustard	Х	Х	Х			Х
Lasthenia gracilis	California goldfields	Х	Х	Х	Х	Х	Х
Lathyrus splendens⁵	Campo pea		Х				Х
Layia glandulosa	white layia	Х	Х	Х	Х	Х	Х
Leptosiphon lemmonii	Lemmon's linanthus				Х		Х
Linanthus bellus ⁶	desert beauty	Х	Х	Х		Х	Х
Lomatium sp.	lomatium	Х					Х
Lotus agrophyllus var. agrophyllus	silver-leaf lotus	Х			Х		Х
Lotus scoparius	deer weed						Х
Lotus sp.	lotus	Х				Х	
Lotus strigosus	bishop's lotus		Х	Х	Х		Х
Lupinus bicolor	minature lupine			Х			
Lupinus concinnus	bajada lupine		Х	Х	Х		Х
Lupinus excubitus var. austromontanus	grape soda lupine			Х			
Lupinus spp.	lupine	Х	Х	Х	Х	Х	Х
Lupinus succulentus	arroyo lupine						Х
Lupinus truncatus	collar lupine						Х
Malacothrix spp.	dandelion	Х		Х			Х
Malacothrix californica	desert dandelion	Х	Х	Х	Х	Х	Х
Marah macrocarpus var. macrocarpus	wild cucumber	Х	Х	Х	Х	Х	
Mentzelia sp.	blazing star	Х					Х
Nemophila menziesii	baby blue eyes	Х	Х	Х	Х	Х	Х
Oenothera californica ssp. californica	California evening-primrose		Х				
Paeonia californica	California peony	Х	Х	Х	Х	Х	Х
Pectocarya spp.	combseed	Х					$\vdash$
Phacelia imbricata	phacelia						Х
Phacelia distans	white-heliotrope	$\top$		Х	Х		Х

		Week						
Scientific Name	Common Name	1	2	3	4	5	6	
Phacelia parryi	Parry's phacelia							
Phacelia spp.	phacelia	Х	Х	Х	Χ	Χ	Χ	
Plagiobothrys spp.	popcornflower	Х	Х	Х	Х	Х	Х	
Platystemon californicus	cream cups						Χ	
Rafinesquia neomexicana	California chicory						Χ	
Rhus ovata	sugar bush	Х	Х	Х		Х		
Rhus trilobata	basket bush		Х					
Quercus acutidens	hybrid Englemann/scrub oak		Х					
Salvia columbariae	chia	Х	Х	Х	Χ	Х	Χ	
Sambucus mexicana	Mexian elderberry						Χ	
Sisymbrium altissimum	tumble mustard							
Sisymbrium spp.						Х		
Solanum xantii	nightshade			Х	Х	Х	Х	
Streptanthus campestris	southern jewelflower	Х				Х	Χ	
Trichostemma parishii	mountain blue curls				Χ	Χ	Χ	
Uropappas lindleyi	silver puffs						Х	
Viola purpurea ssp. quercetorum	viola	Х						
Yucca schidigera	Mohave yucca		Х	Х	Х			

#### **boldface** = sensitive species

- boldface = sensitive species

  * = potential host plant species

  ¹ CNPS List 1B.2, Covered Species (proposed) under East County MSCP

  ² CNPS List 4.2, Covered Species (proposed) under East County MSCP

  ³ CNPS List 4.3

  ⁴ CNPS List 2.3, Covered Species (proposed) under East County MSCP

  ⁵ CNPS List 4.3, Covered Species (proposed) under East County MSCP

  ⁵ CNPS List 2.3, Covered Species (proposed) under East County MSCP

#### **APPENDIX E**

#### VERTEBRATE SPECIES DETECTED DURING FOCUSED QUINO SURVEYS FOR MANZANITA WIND ENERGY PROJECT

## APPENDIX E VERTEBRATE SPECIES DETECTED DURING FOCUSED QUINO SURVEYS FOR MANZANITA WIND ENERGY PROJECT

	Scientific Name	Common Name
REPTILES		
Order Squar	nata	Lizards and Snakes
	ly Colubridae	
1	Lampropeltis zonata	kingsnake
	Masticophis lateralis	California striped racer
	Pituophis catenifer	gopher snake
Fam	nily Phrynosomatidae	
•	Phrynosoma coronatum blainvilli ¹	San Diego coast horned lizard
	Sceloporus occidentalis	western fence lizard
	Sceloporus orcutti	spiny lizard
	Uta stansburiana	side blotched lizard
Fam	nily Teiidae	
	Aspidoscelis hyperythra	orange-throated whiptail
	Aspidoscelis tigris	western whiptail
BIRDS	· · · · · · · · · · · · · · · · · · ·	
Order Apodife	ormes	Hummingbirds and Swifts
Fam	nily Trochilidae	
	Archilochus alexandri	black-chinned hummingbird
	Calypte anna	Anna's hummingbird
Order Ciconii	formes	Eagles, Hawks, and Kites
Fam	nily Accipitrinae	
	Buteo jamaicensis	red-tailed hawk
Fam	nily Cathartidae	
	Cathartes aura ²	turkey vulture
Order Colum	biformes	Pigeons and Doves
Fam	nily Columbidae	
	Zenaida macroura	mourning dove
Order Gallifor	rmes	
Fam	nily Odontophoridae	
	Callipepla californica	California quail
Order Passer		Song Birds
Fam	nily Aegithalidae	
	Psaltriparus minimus	bushtit
Fam	nily Alaudidae	
	Eremophila alpestris ³	horned lark
Fam	nily Corvidae	
	Aphelocoma californica	western scrub-jay
	Corvus brachyrhynchos	American crow
	Corvus corax	common raven
Fam	nily Cuculidae	
	Geococcyx californianus	roadrunner
Fam	nily Emberizidae	
	Amphispiza belli	sage sparrow
	Chondestes grammacus	lark sparrow
	Junco hyemalis	dark-eyed junco
	Pipilo crissalis	California towhee

Scientific Name	Common Name		
Pipilo maculates	spotted towhee		
Pooecetes gramineus	vesper sparrow		
Spizella atrogularis	black-chinned sparrow		
Zonotrichia leucophrys	white-crowned sparrow		
Family Fringillidae			
Carduelis lawrencei	Lawrence's goldfinch		
Carduelis psaltria	lesser goldfinch		
Family Icteridae	leccor gerannen		
Sturnella neglecta	western meadowlark		
Family Mimidae	Woodon moadowan		
Toxostoma redivivum	California thrasher		
Family Paridae	Camerria unacrior		
Baeolophus inornatus	oak titmouse		
Family Parulidae	our uniodoo		
Dendroica coronata	yellow-rumped warbler		
Vermiyora celata	orange-crowned warbler		
Family Polioptilidae	Grange Growned Warster		
Polioptila caerulea	blue-gray gnatcatcher		
Family Ptilogonatidae	Side gray griateatories		
Phainopepla nitens	phainopepla		
Family Tyrannidae	рпатороріа		
Empidonax difficilis	Pacific-slope flycatcher		
Tyrannus verticalis	western kingbird		
Order Piciformes	Woodpeckers		
Family Picidae	vvocapeonero		
Melanerpes formicivorus	acorn woodpecker		
Melanerpes lewis	Lewis's woodpecker		
Picoides nuttallii	Nuttall's woodpecker		
Order Strigiformes	Owls		
Family Strigidae			
Bubo virginianus	great horned owl		
MAMMALS	groat nomed own		
Order Artiodactyla	Deer, Sheep, Goats, Cattle		
Family Cervidae	Sooi, Giloop, Godio, Gdiilo		
Odocoileus hemionus	mule deer		
Order Carnivora	Carnivores		
Family Canidae	33		
Canis latrans	coyote		
Order Lagomorpha	Rabbits, Hares, and Pikas		
Family Leporidae	- tanking i tanking and i made		
Lepus californicus ⁴	San Diego black-tailed jackrabbit		
Sylvilagus sp.	rabbit		
Order Rodentia	Squirrels, Rats, Mice, and Relatives		
Family Geomyidae			
Thomomys bottae	Botta's pocket gopher		
Family Muridae	Source poorter gopinor		
Neotoma sp.	woodrat		
1100τοπα υρι	Hoodiat		

boldface = sensitive species

1 CDFG Species of Special Concern, Covered Species (proposed) under East County MSCP

2 Covered Species (proposed) under East County MSCP

3 CDFG Watch List, Covered Species (proposed) under East County MSCP

4 CDFG Species of Special Concern, Covered Species (proposed) under East County MSCP

# APPENDIX F 24-HOUR QUINO NOTIFICATION LETTERS TO USFWS

### APPENDIX F.1 04/02/2010 24-HOUR NOTIFICATION LETTER TO USFWS



AECOM 1420 Kettner Boulevard Suite 500 San Diego, CA 92101 www.aecom.com 619.233.1454 tel 619.233.0952 fax

April 03, 2010

Ms. Sandra Marquez Recovery Permit Coordinator Carlsbad Fish and Wildlife Office 6010 Hidden Valley Road, Suite 101 Carlsbad, California 92011

RE: Notification of the First Quino Checkerspot Butterfly Observation at the Manzanita Wind Energy Project, San Diego County, California

Dear Ms. Marquez:

AECOM is submitting this notification letter to inform you that a Quino checkerspot butterfly (*Euphydryas editha quino*; Quino) individual was observed at the proposed Manzanita Wind Energy project site in southeastern San Diego County, California (Figures 1 and 2). On April 02, 2010, sub-contractor biologist to AECOM Antonette Guiterrez (permit number TE-797999-6) made the observation during a protocol level survey for this species. Although the project site exists within U.S. Fish and Wildlife (USFWS) Quino Survey Area 2, Ms. Guiterrez did not collect the specimen for identification according to the USFWS protocol (2002), per the pre-activity notification letter submitted for the proposed project on April 2, 2010. The sighting and collection are detailed below.

One male Quino was observed on the Manzanita Reservation (see Figure 3) by Ms. Guiterrez at 14:19. The Quino was detected within southern mixed chaparral habitat atop a hill in an open sandy area. Ms. Guiterrez took one distant photo and then slowly approached the Quino (Photo 1). As she approached, the Quino slowly flew a short distance away, low and near the ground. He landed again in an open area of sand, when she was able to approach closer and take two photos closer up (Photos 2 and 3). The Quino then flew a few feet from the ground and a gust of wind swept him away to the north. The Quino was in a very tattered condition, with both hind and fore wings extremely faded and fringed on the edges.

There are pockets of nectaring sources in the vicinity of the hilltop where the Quino was detected, including a small amount of *Plagiobothrys* sp., *Erodium* sp., *Nemophila menziesii*, and *Amsinckia menziesii*. There is very little flowering occurring on the shrub species; most shrubs have buds that are not in flower yet. There are also many rock outcrops in this area. A representative photo of habitat where the Quino was detected is provided in Photo 4.

This letter is official notification of this sighting and capture as required by the USFWS protocol for this species. Following this transmittal, a hard copy of this letter including maps will be sent as well. If you have any questions or comments, please contact me at (619) 233-1454.

Sincerely,

Erin Riley Wildlife Biologist

Photo 1



Photo 2



Photo 3



Photo 4



Enclosures: Figure 1 Regional Map

Figure 2 Vicinity Map

Figure 3 Quino Observation Location Map

cc: Eric Porter, USFWS

Alison Anderson, USFWS Beverly Blessant, SDG&E Kirstie Reynolds, SDG&E Tom Acuna, SDG&E

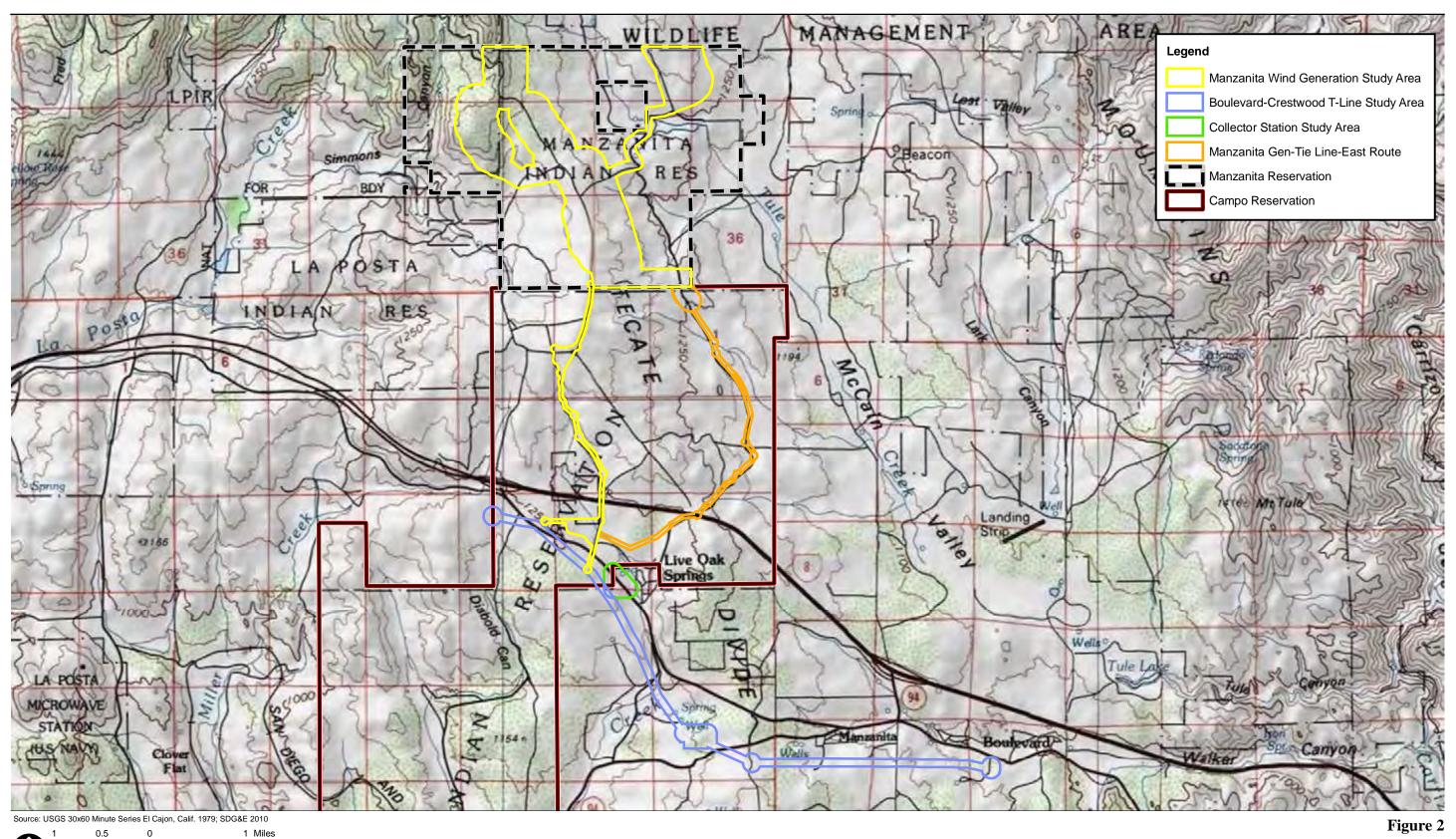
Monique LaChappa, Chairwoman, Campo Kumeyaay Nation

Johnny Elliot, Manzanita Tribal Representative

John Rydzik, BIA

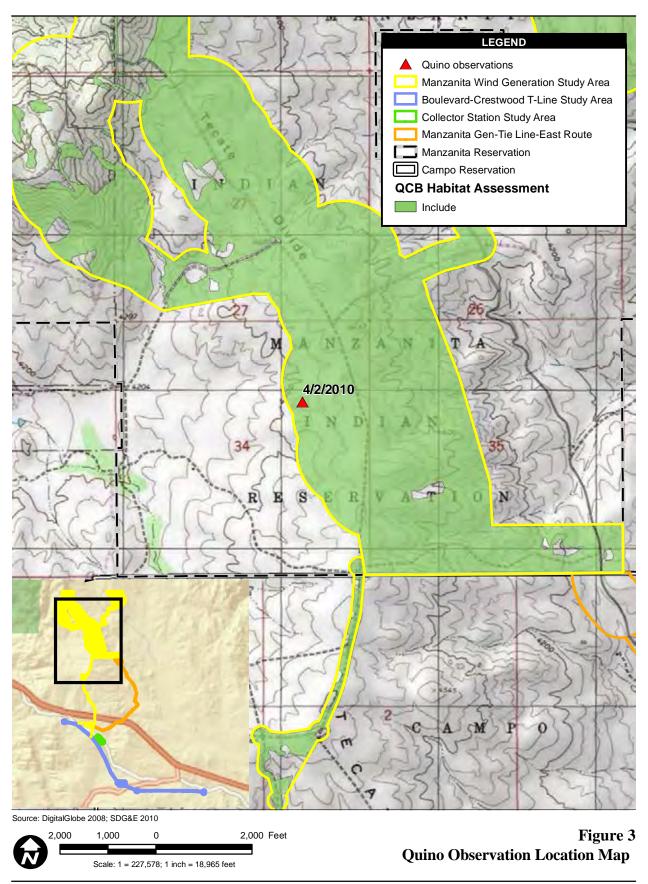
09080155 Manzanita QCB 24-Hour Notification Letter o1 to USFWS





Vicinity Map

Scale: 1 = 63,360; 1 inch = 1 miles



## APPENDIX F.2 04/03/2010 24-HOUR NOTIFICATION LETTER TO USFWS



AECOM 1420 Kettner Boulevard Suite 500 San Diego, CA 92101 www.aecom.com 619.233.1454 tel 619.233.0952 fax

April 04, 2010

Ms. Sandra Marquez Recovery Permit Coordinator Carlsbad Fish and Wildlife Office 6010 Hidden Valley Road, Suite 101 Carlsbad, California 92011

RE: Notification of the Second Quino Checkerspot Butterfly Observation at the Manzanita Wind Energy Project, San Diego County, California

Dear Ms. Marquez:

AECOM is submitting this notification letter to inform you that a second Quino checkerspot butterfly (*Euphydryas editha quino*; Quino) individual was observed at the proposed Manzanita Wind Energy project site in southeastern San Diego County, California. On April 03, 2010, Consulting Biologist Michael Couffer (permit number TE-782703-8), sub-contractor to AECOM observed one Quino during a protocol level survey for this species. Although the project site exists within U.S. Fish and Wildlife (USFWS) Quino Survey Area 2, Mr. Couffer did not collect the specimen for identification according to the USFWS protocol (2002), per the pre-activity notification letter submitted for the proposed project on April 2, 2010. The sighting is detailed below.

One Quino was observed on the Manzanita Reservation (see Figure 3) by Mr Couffer at 11:50. The Quino was detected within sparsely vegetated southern mixed chaparral habitat below the crown of a gradually-sloping ridge in sandy substrate at WGS 84 11S 0561553, 3623495 (NAD 83 projection). The Quino was observed with Swarovski 10-power binoculars from a distance of approximately 10 feet away for a short period. The quino was a dark individual in excellent condition, with perfect wing edges and very little scale loss on the wings. The color of the abdomen rings was pronounced. Based on it's overall excellent condition and it's strength of flight in takeoff from the ground, this Quino was a recently-emerged individual. As Mr. Couffer reached for his camera, the butterfly bumped off the ground, and was taken by the wind, not to be seen again.

The specific ridge along which the Quino was observed currently supports the most abundant source of nectar that Mr. Couffer has observed in the limited number of surveys that he has conducted so far on this project. On sites where nectar is both diverse and abundant, it has been his observation that the larger popcornflowers are preferred by Quino over every other nectar source, when they are available. The ridge where this Quino was observed supports more blooming *Plagiobothrys* sp than any other area that he has surveyed on this project, to date. Although the plants are mostly less than an inch tall, they are blooming across the top of the ridge for several hundred feet, which should provide excellent forage for Quino.

The Quino was observed below the crown of the ridge, where blooming popcornflowers are sparse to non-existent. A photograph of the sighting location is included below (Photo 1).

## Photo 1



This letter is official notification of this sighting and capture as required by the USFWS protocol for this species. Following this transmittal, a fax and a hard copy of this letter including maps will be sent as well. If you have any questions or comments, please contact me at (619) 233-1454.

Sincerely,

Barbra Calantas Wildlife Biologist

Enclosures: Figure 1 Regional Map

Figure 2 Vicinity Map

Figure 3 Quino Observation Location Map

cc: Eric Porter, USFWS

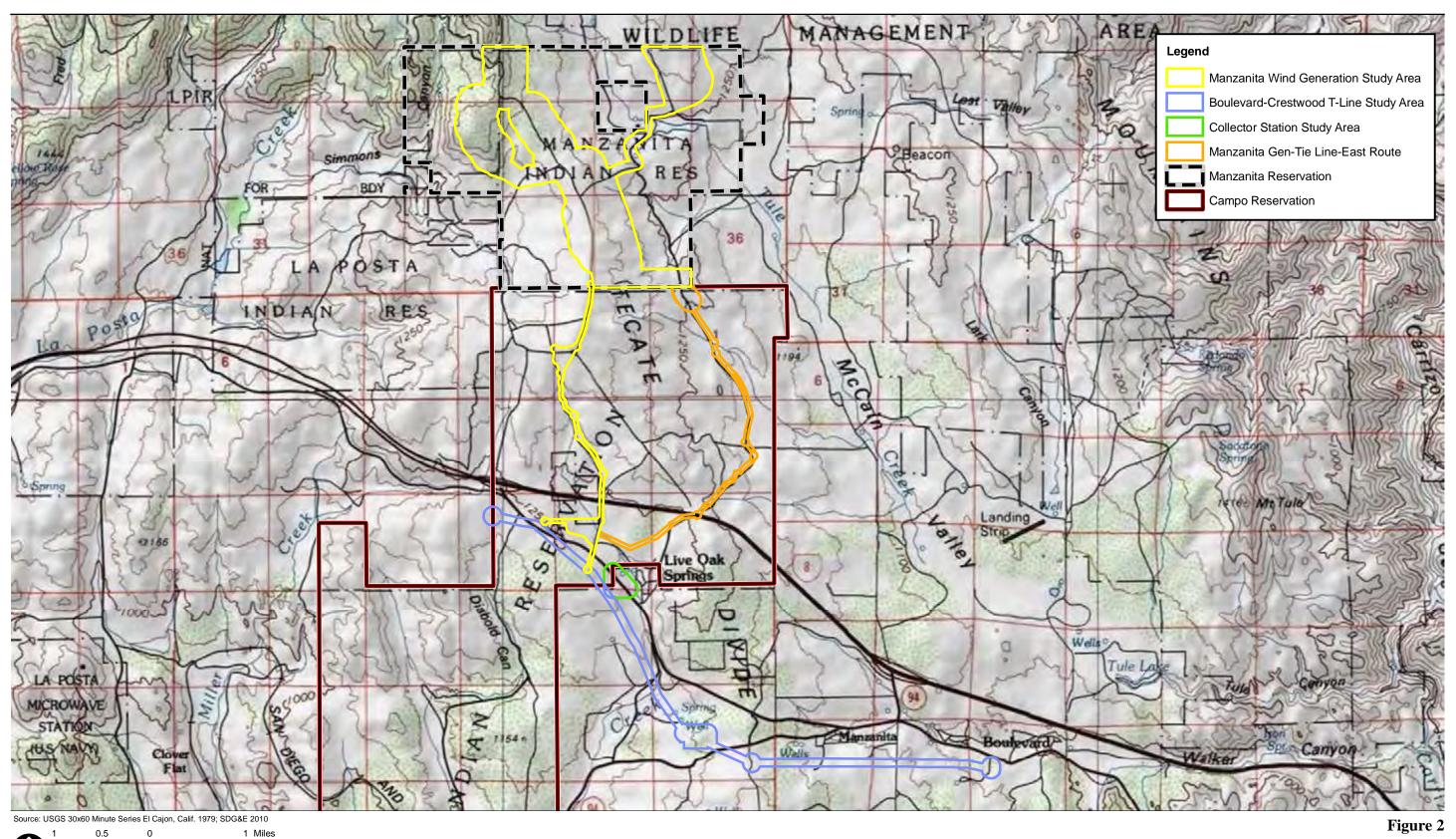
Alison Anderson, USFWS Beverly Blessant, SDG&E Kirstie Reynolds, SDG&E Tom Acuna, SDG&E

Monique LaChappa, Chairwoman, Campo Kumeyaay Nation

Johnny Elliot, Manzanita Tribal Representative

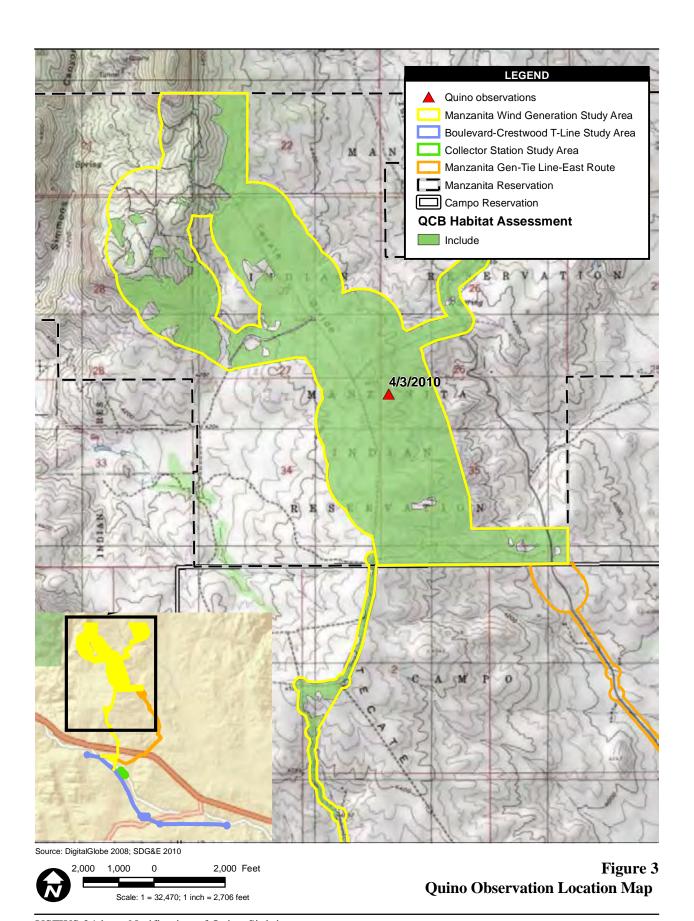
John Rydzik, BIA





Vicinity Map

Scale: 1 = 63,360; 1 inch = 1 miles



## APPENDIX F.3 04/10/2010 and 04/11/2010 24-HOUR NOTIFICATION LETTER TO USFWS



AECOM 1420 Kettner Boulevard Suite 500 San Diego, CA 92101 www.aecom.com 619.233.1454 tel 619.233.0952 fax

April 12, 2010

Ms. Sandra Marquez Recovery Permit Coordinator Carlsbad Fish and Wildlife Office 6010 Hidden Valley Road, Suite 101 Carlsbad, California 92011

RE: Notification of the Third, Fourth, and Fifth Quino Checkerspot Butterfly Observations at the Manzanita Wind Energy Project, San Diego County, California

Dear Ms. Marquez:

AECOM is submitting this notification letter to inform you that an additional three Quino checkerspot butterfly (*Euphydryas editha quino*; Quino) individuals were observed at the proposed Manzanita Wind Energy project site in southeastern San Diego County, California. On April 10 and 11, 2010, Consulting Biologists Michael Couffer (permit number TE-782703-8) and Dale Powell (permit number TE-820658-4), sub-contractors to AECOM observed Quino during a protocol level survey for this species. Although the project site exists within U.S. Fish and Wildlife (USFWS) Quino Survey Area 2, Mr. Couffer and Mr. Powell did not collect any specimens for identification according to the USFWS protocol (2002), per the pre-activity notification letter submitted for the proposed project on April 2, 2010. The sighting is detailed below.

On April 10, 2010, Mr. Powell detected one Quino in an open clearing within southerm mixed chaparral habitat approximately 1.7 miles southeast of Live Oak Springs (Photo 1). The specific location of the sighting was at UTM coordinates 11S 0563382, 3614590 (Figure 3, Quino 1). Weather consisted of clear skies and mild winds. The butterly was initially detected in flight at 13:44, then observed stopping and basking in the sun on the ground for short periods of time. The butterfly appeared to have emerged recently and was in a fresh condtion. Its red colored abdominal bands were easily discernable (Photo 2).

Mr. Couffer's Quino was observed on April 10, 2010 near the community of Boulevard, south of Campo Road, east of Tierra del Sol Road, and west of Jewel Valley Road. The specific location of the sighting was at UTM coordinates 11S 0564921, 3613993 (see Figure 3, Quino 2). The approximate elevation was 3770 feet above mean sea level. The Quino was detected on a gradual slope with sandy soils supporting primarily *Lasthenia* sp. (Photo 3). The Quino was captured and photographed in the hand before being released unharmed (Photo 4). This Quino was somewhat drab, overall, but its wing edges were still in good condition, indicating a butterfly that was neither a fresh individual, nor an individual that was near the end of its life.

On April 11, 2010, Mr. Couffer incidentally observed another Quino within the project's boundaries after completing the areas assigned to him for protocol surveys for the species. After completing the area assigned to him for protocol-level Quino surveys, Mr. Couffer moved to a different portion of the project site to meet with other biologists surveying their assigned area. As he was walking down a dirt road through chamise chaparral to meet the biologists, a Quino flew past him on the road, for approximately 50 feet and landed on the ground in a patch of low-density annual grassland to one side of the road (Photo

5). The Quino stayed long enough to be positively identified with binoculars, and then flew into dense chamise chaparral before a photo could be taken. This Quino was somewhat drab, with no major tears in the wings.

Mr. Couffer observed the Quino was along the same telephone alignment as where he observed a Quino the previous day; however, this Quino was observed northwest of the previous location. The Quino was located at UTM coordinates 11S 0563773, 3614200, at approximately 3873 feet above mean sea level (Figure 3, Quino 3). This general location was southwest of the community of Boulevard. More specifically, the sighting was made along an existing telephone easement road northwest of Tierra del Sol Road, and southeast of State Route 94.

This letter is official notification of this sighting and capture as required by the USFWS protocol for this species. Following this transmittal, a fax and a hard copy of this letter including maps will be sent as well. If you have any questions or comments, please contact me at (619) 233-1454.

Sincerely,

Barbra Calantas Wildlife Biologist

Enclosures: Figure 1 Regional Map

Figure 2 Vicinity Map

Figure 3 Quino Observation Location Map

cc: Eric Porter, USFWS

Alison Anderson, USFWS Beverly Blessant, SDG&E Kirstie Reynolds, SDG&E Tom Acuna, SDG&E

Monique LaChappa, Chairwoman, Campo Kumeyaay Nation

Johnny Elliot, Manzanita Tribal Representative

John Rydzik, BIA

Photo 1



Photo 2



Photo 3

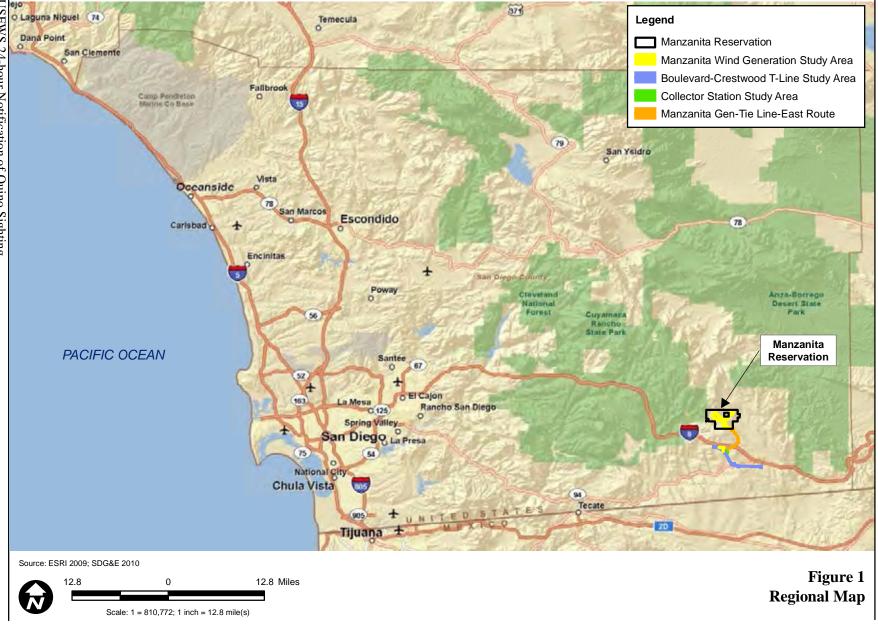


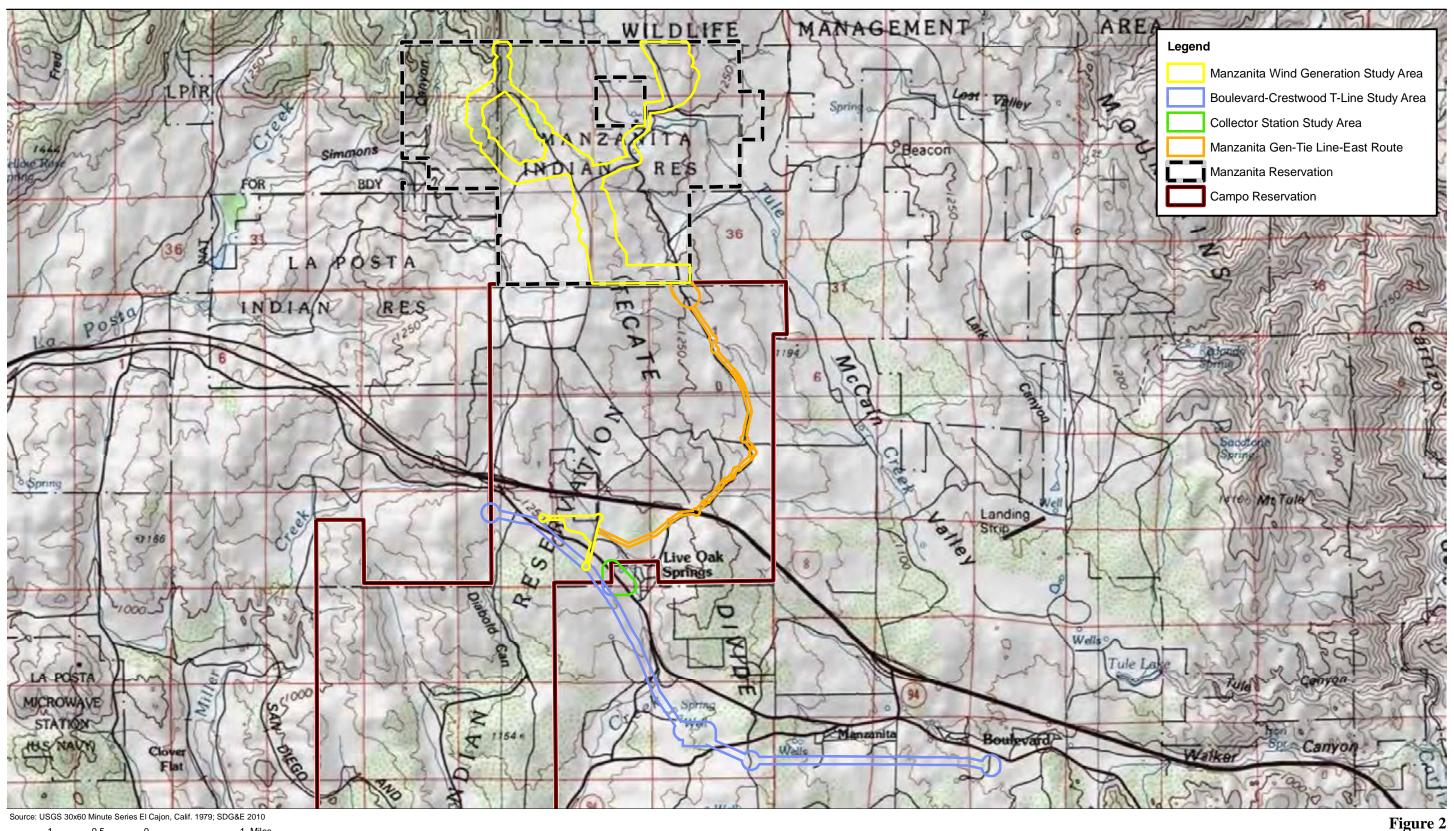
Photo 4



Photo 5



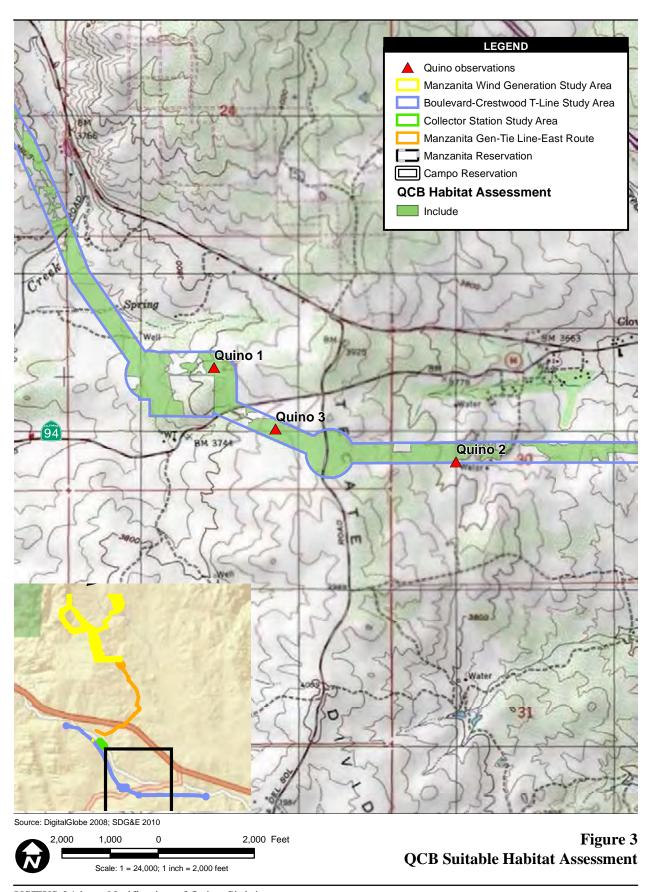




Vicinity Map

Scale: 1 = 63,360; 1 inch = 1 mile(s)

1 Miles



## APPENDIX F.4 04/16/2010 24-HOUR NOTIFICATION LETTER TO USFWS



AECOM 1420 Kettner Boulevard Suite 500 San Diego, CA 92101 www.aecom.com 619.233.1454 tel 619.233.0952 fax

April 17, 2010

Ms. Sandra Marquez Recovery Permit Coordinator Carlsbad Fish and Wildlife Office 6010 Hidden Valley Road, Suite 101 Carlsbad, California 92011

RE: Notification of the Sixth Quino Checkerspot Butterfly Observation at the Manzanita Wind Energy Project, San Diego County, California

Dear Ms. Marquez:

AECOM is submitting this notification letter to inform you that an additional one Quino checkerspot butterfly (*Euphydryas editha quino*; Quino) individual was observed at the proposed Manzanita Wind Energy project site in southeastern San Diego County, California. On April 16, 2010, Consulting Biologist Martha Heath (permit number #TE-099005-1), sub-contractor to AECOM, observed Quino during a protocol level survey for this species. Although the project site exists within U.S. Fish and Wildlife (USFWS) Quino Survey Area 2, Ms. Heath did not collect the specimen for identification according to the USFWS protocol (2002), per the pre-activity notification letter submitted for the proposed project on April 2, 2010. The sighting is detailed below.

On April 16, 2010, Ms. Heath detected one Quino individual at 09:55 in open buckwheat scrub habitat. She observed it flying initially, then observed it stopping and basking on the ground in an open area. The Quino was in a fresh condition, brightly colored with no nicks or tears in the wings. Ms. Heath was not able to take a photograph of the individual as it flew away before she was able to take a picture. The specific location of the sighting was at UTM coordinates 11S 0563476, 3614531 (Figure 3). Weather consisted of sunny clear skies and mild winds with a temperature of 64 degress Fahrenheit. Nectaring sources in the area included stork's bill (*Erodium botrys*), fiddleneck (*Amsinckia menziesii*), goldfields (*Lasthenia californica*), cup leaf lilac (*Ceanothus greggii perplexans*), popcorn flower (*Plagiobotrys* sp.), California poppy (*Eschscholzia californica*), California primrose (*Camissonia californica*), and baby blue eyes (*Nemophila menziesii*).

This letter is official notification of this sighting and capture as required by the USFWS protocol for this species. Following this transmittal, a fax and a hard copy of this letter including maps will be sent as well. If you have any questions or comments, please contact me at (619) 233-1454.

Sincerely,

Barbra Calantas Wildlife Biologist Enclosures: Figure 1 Regional Map

Figure 2 Vicinity Map

Figure 3 Quino Observation Location Map

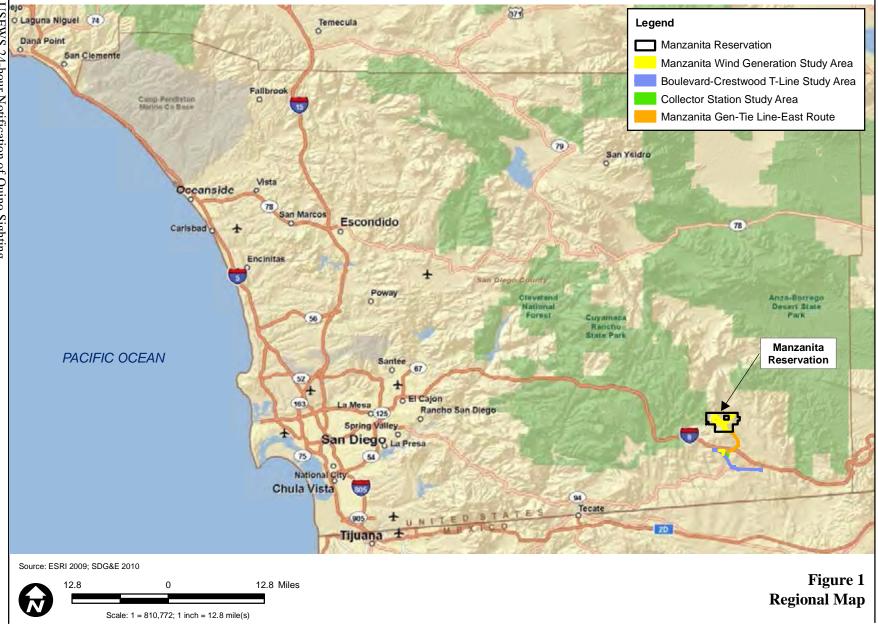
cc: Eric Porter, USFWS

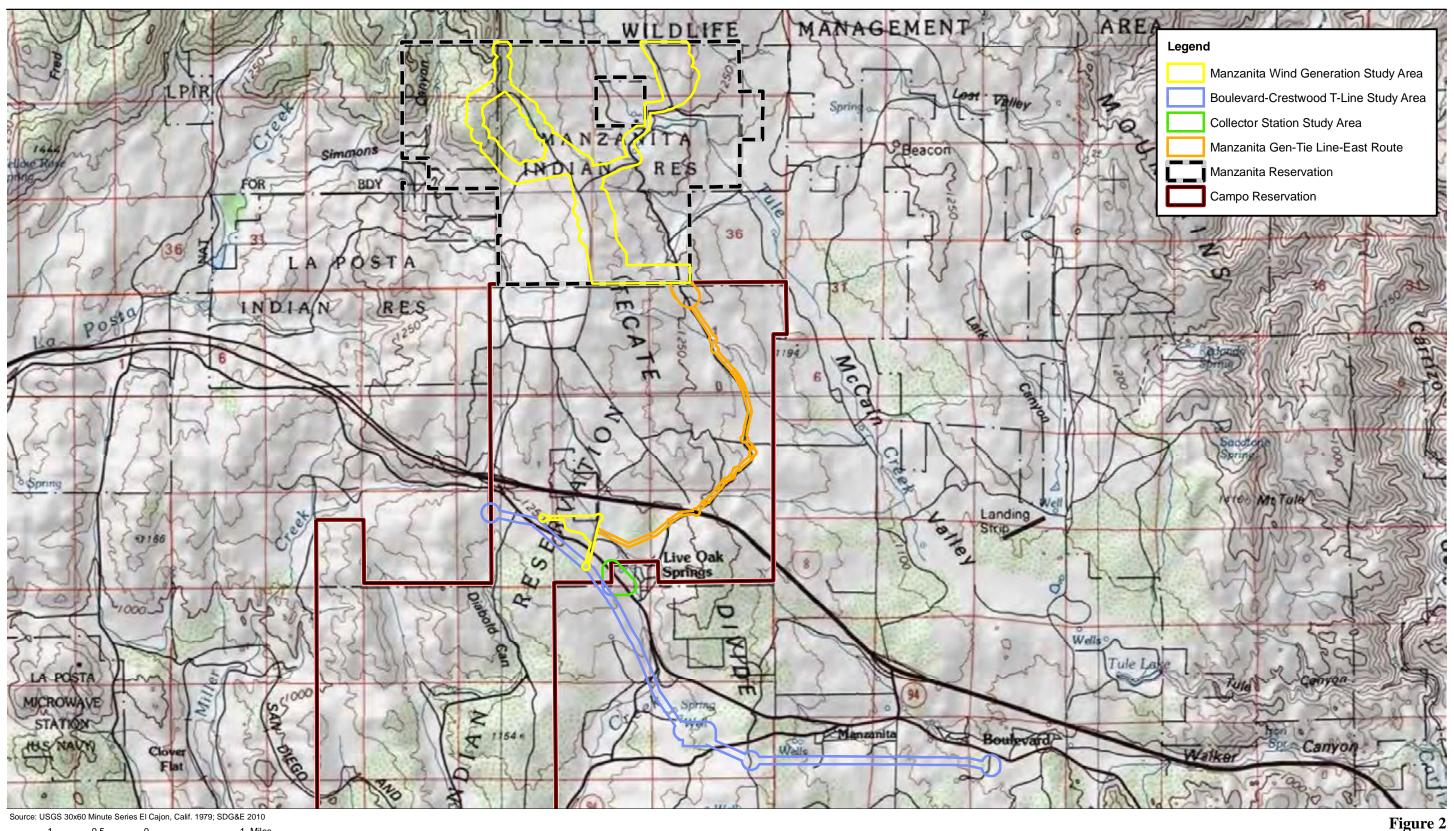
Alison Anderson, USFWS Beverly Blessant, SDG&E Kirstie Reynolds, SDG&E Tom Acuna, SDG&E

Monique LaChappa, Chairwoman, Campo Kumeyaay Nation

Johnny Elliot, Manzanita Tribal Representative

John Rydzik, BIA

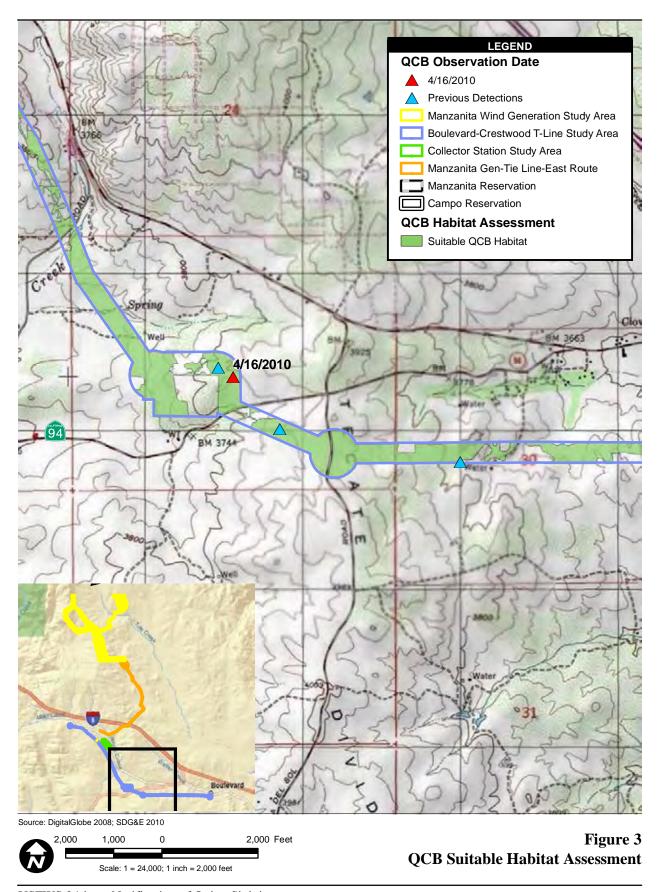




Vicinity Map

Scale: 1 = 63,360; 1 inch = 1 mile(s)

1 Miles



## APPENDIX F.5 04/16/2010 24-HOUR NOTIFICATION LETTER TO USFWS



AECOM 1420 Kettner Boulevard Suite 500 San Diego, CA 92101 www.aecom.com 619.233.1454 tel 619.233.0952 fax

April 19, 2010

Ms. Sandra Marquez Recovery Permit Coordinator Carlsbad Fish and Wildlife Office 6010 Hidden Valley Road, Suite 101 Carlsbad, California 92011

RE: Notification of the Seventh Quino Checkerspot Butterfly Observation at the Manzanita Wind Energy Project, San Diego County, California

Dear Ms. Marquez:

AECOM is submitting this notification letter to inform you that three additional Quino checkerspot butterfly (*Euphydryas editha quino*; Quino) individuals were observed at the proposed Manzanita Wind Energy project site in southeastern San Diego County, California. On April 16, 2010, AECOM biologist Barbra Calantas (permit number #TE-820658-4) and Consulting Biologist Martha Heath (permit number #TE-099005-1), sub-contractor to AECOM, observed Quino during a protocol level survey for this species. Although the project site exists within U.S. Fish and Wildlife (USFWS) Quino Survey Area 2, Ms. Heath did not collect the specimen for identification according to the USFWS protocol (2002), per the pre-activity notification letter submitted for the proposed project on April 2, 2010. The sighting is detailed below.

On April 18, 2010, Ms. Heath detected one Quino individual at 12:20 in open buckwheat scrub habitat along a ridgeline. She observed it flying initially, around a pile of old Manzanita wood. The Quino was in a fresh condition, brightly colored with no nicks or tears in the wings. It landed in open grass approximately 20-25 feet away from Ms. Heath and stayed for approximately five minutes. She was able to take a photograph of the individual, which will be forwarded to you at a later time. The specific location of the sighting was at UTM coordinates 11S 0561838, 3622727 (Figure 3; Quino 1). Nectaring sources in the area included wild cucumber (*Eriogonum fasciculatum*), stork's bill (*Erodium botrys*), fiddleneck (*Amsinckia menziesii*), goldfields (*Lasthenia californica*), cup leaf lilac (*Ceanothus greggii perplexans*), popcorn flower (*Plagiobotrys* sp.), phacelia (*Phacelia* sp.), and baby blue eyes (*Nemophila menziesii*). Additionally, Chinese houses (*Collinsia concolor*) was present within the vicinity of this Quino.

At 12:51, Ms. Heath detected a second Quino individual. She was surveying the same ridgeline she detected Quino 1 on, heading west of the first obsrervation, when she saw the second Quino flying from a dirt road, flying 1-3 feet above the ground and landing 25 feet from her. She observed the butterfly with her binoculars and confirmed it was a Quino. It was also a brightly colored in a fresh condition. As she attempted to take a photograph, it took flight to the west. Ms. Heath headed back towards the location of the first Quino to verify her second was a unique individual, and observed her first Quino in the same location. Thus, she confirmed this was a second distinct individual. The specific location of this sighting was at UTM coordinates 11S 0561479, 3622719 (Figure 3; Quino 2).

At 13:25, I observed a Quino in a separate area from Ms. Heath's survey area, east of where Ms. Heath was located. I stopped on a hillside in and open area with various nectar sources, including goldfields (*Lasthenia californica*), popcorn flower, phacelia, and baby blue eyes, and observed a butterfly with a flight pattern like a Quino flying towards me. It landed approximately 15 feet in front of me. I observed the butterfly with my binoculars as it nectared on popcorn flower and confirmed it was female Quino. It was also in a fresh condition, with no nicks or tears in its wings, and brightly colored orange bands on its abdomen. Unfortunately, it flew away as I was attempting to take a picture. The specific location of this sighting was at UTM coordinates 11S 0562056, 3622196 (Figure 3; Quino 3).

Weather for all three observations consisted of sunny, clear skies and mild winds with temperatures ranging from 66 to 72 degress Fahrenheit during the time period the butterflies were detected.

This letter is official notification of this sighting and capture as required by the USFWS protocol for this species. Following this transmittal, a fax and a hard copy of this letter including maps will be sent as well. If you have any questions or comments, please contact me at (619) 233-1454.

Sincerely,

Barbra Calantas Wildlife Biologist

Enclosures: Figure 1 Regional Map

Figure 2 Vicinity Map

Figure 3 Quino Observation Location Map

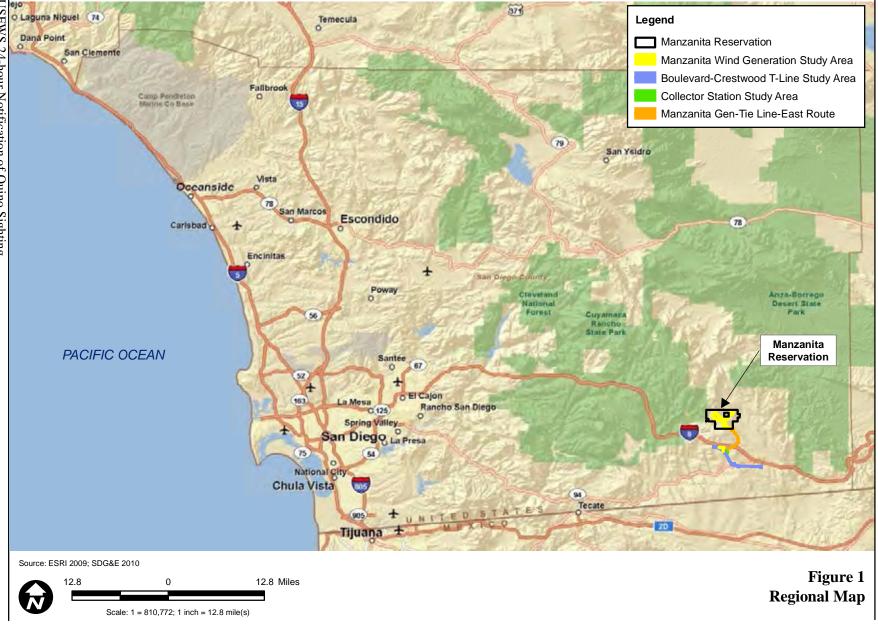
cc: Eric Porter, USFWS

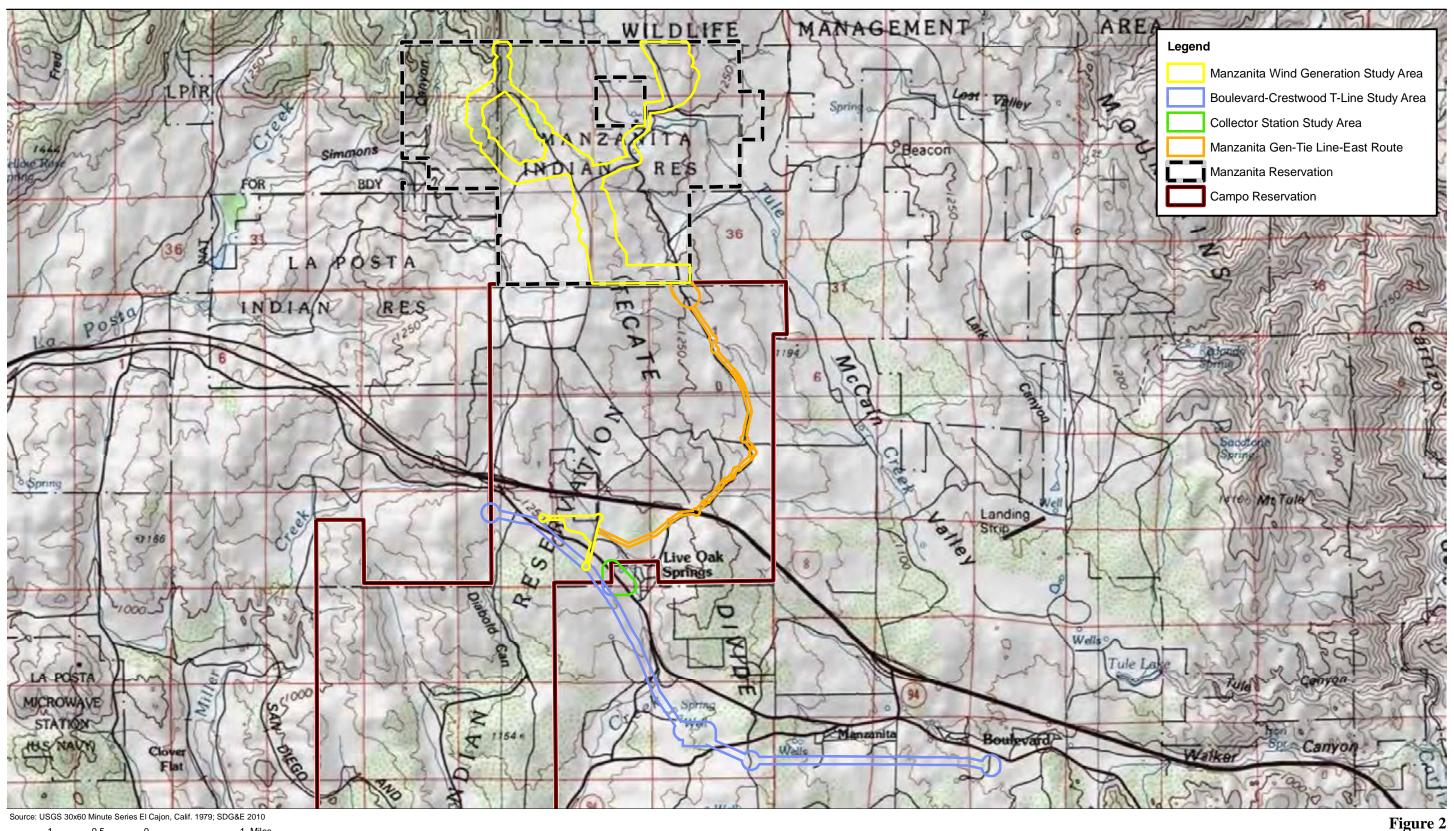
Alison Anderson, USFWS Beverly Blessant, SDG&E Kirstie Reynolds, SDG&E Tom Acuna. SDG&E

Monique LaChappa, Chairwoman, Campo Kumeyaay Nation

Johnny Elliot, Manzanita Tribal Representative

John Rydzik, BIA

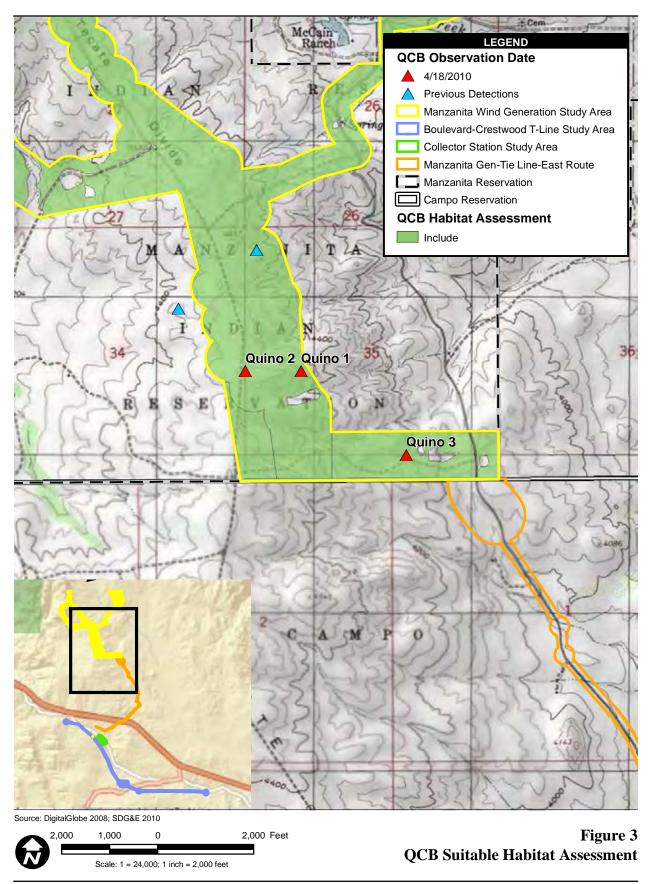




Vicinity Map

Scale: 1 = 63,360; 1 inch = 1 mile(s)

1 Miles



## APPENDIX F.6 04/20/2010 24-HOUR NOTIFICATION LETTER TO USFWS



AECOM 1420 Kettner Boulevard Suite 500 San Diego, CA 92101 www.aecom.com 619.233.1454 tel 619.233.0952 fax

April 21, 2010

Ms. Sandra Marquez Recovery Permit Coordinator Carlsbad Fish and Wildlife Office 6010 Hidden Valley Road, Suite 101 Carlsbad, California 92011

RE: Notification of the Eighth Quino Checkerspot Butterfly Observation at the Manzanita Wind Energy Project, San Diego County, California

Dear Ms. Marquez:

AECOM is submitting this notification letter to inform you that additional Quino checkerspot butterfly (*Euphydryas editha quino*; Quino) individuals were observed at the proposed Manzanita Wind Energy project site in southeastern San Diego County, California. On April 20, 2010, Consulting Biologist Antonette Guiterrez (permit number #TE-797999-7), sub-contractor to AECOM, observed Quino during a protocol level survey for this species. Although the project site exists within U.S. Fish and Wildlife (USFWS) Quino Survey Area 2, Ms. Guiterrez did not collect the specimen for identification according to the USFWS protocol (2002), per the preactivity notification letter submitted for the proposed project on April 2, 2010. The sighting is detailed below.

Two Quino checkerspot butterflies were observed on April 20, 2010 within the Manzanita Project Area at UTM coordinates 11 S 0563387, 03614599 (Figure 3). A single Quino was previously detected in the same location, as noted in AECOM's 24-hour Notification letter dated April 12, 2010 (previously submitted). The first Quino was detected at 11:15 in an open pocket of southern mixed chaparral. The left hind wing appeared to have some damage but did not hinder the butterfly. This butterfly flew low to the ground in the typical zig zag pattern and repeatedly landed in open sandy patches and on twigs. The immediate surrounding habitat was within open scrub. The dominate shrub was Eriogonum fasciculatum. This area supported an abundance of nectar sources including Gilia sp., Linanthus dianthiflorus, Linanthus lemmonii, Plagiobothrys sp., Nemophila menziesii, Erodium cicutarium, Sisymbrium altissimum, Camissonia sp., Filago sp., and Lasthenia californica. No host plants were observed in this area during this survey. This butterfly was observed for approximately 15 minutes. Around 11:30 a second Quino flew in near the first. The two butterflies made contact flying up in the air together for a short distance and then parted. The second Quino flew into an open area surrounded by taller chaparral while the first Quino returned to the open sandy soil. The second Quino that flew into the chaparral appeared slightly larger than the first and appeared fresh with no damage to the wings. This second Quino flew up over the chaparral and was taken by the wind and not seen again. The first Quino that landed in the sandy soil remained in the area maintaining the same behavior. Several photos of the first Quino were obtained (Photo 1). A photo of this Quino's habitat was also taken (Photo 2). One photo was taken of the second Quino (larger of the two) from a distance (Photo 3). A photo of this second Quino's habitat was also taken (Photo 4).

This letter is official notification of this sighting and capture as required by the USFWS protocol for this species. Following this transmittal, a fax and a hard copy of this letter including maps will be sent as well. If you have any questions or comments, please contact me at (619) 233-1454.

Sincerely,

Barbra Calantas Wildlife Biologist

Enclosures: Figure 1 Regional Map

Figure 2 Vicinity Map

Figure 3 Quino Observation Location Map

cc: Eric Porter, USFWS

Alison Anderson, USFWS Beverly Blessant, SDG&E Kirstie Reynolds, SDG&E Tom Acuna, SDG&E

Photo 1



Photo 2

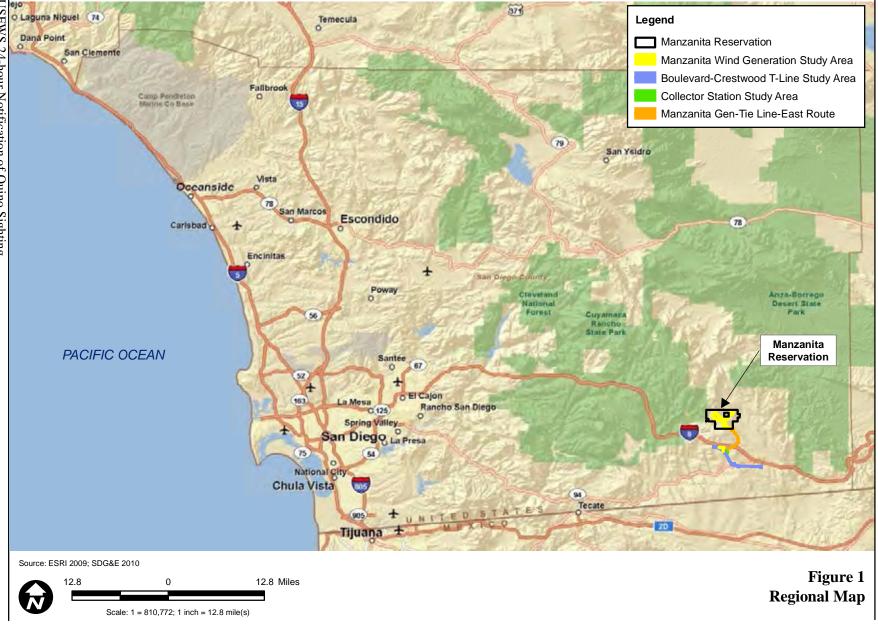


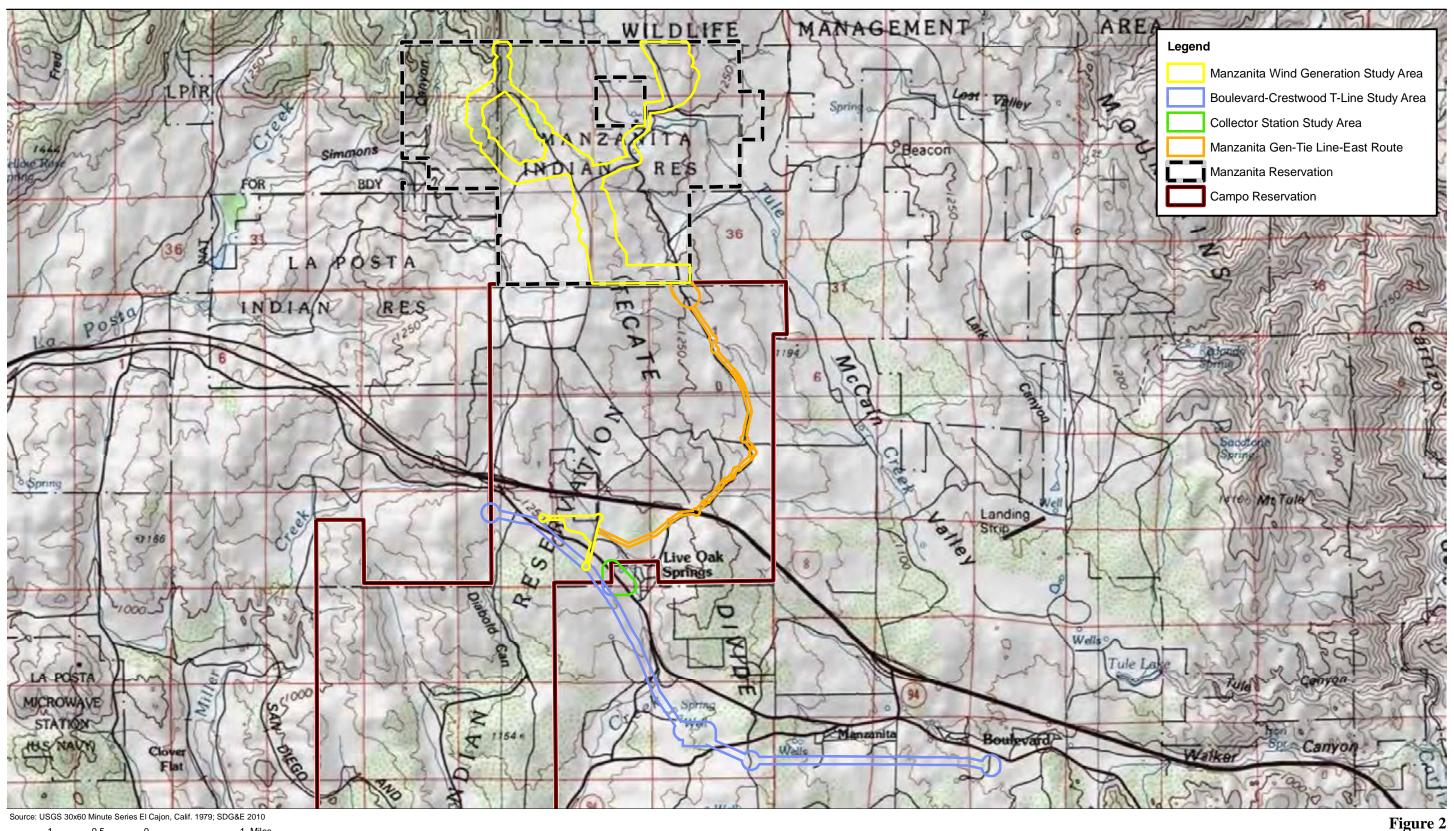
Photo 3



Photo 4







Vicinity Map

Scale: 1 = 63,360; 1 inch = 1 mile(s)

1 Miles

