Introduction

In July 1992 the Proposed Redding Resource Management Plan (RMP) and Final Environmental Impact Statement—a comprehensive land-use plan intended to address management and allocation of public land resources and uses during the next 15 years—was published. This document determined that the planning area would be comprised of about 9,914,000 acres in northern and central California, known as the Redding Resource Area. Roughly 2.5 percent of that area is presently managed by the USDI's Bureau of Land Management (BLM). Lands managed within the area span five counties, including Shasta, Butte, Siskiyou, Tehama, and Trinity. The area is characterized by a checkerboard of ownership comprised of the BLM, USDA Forest Service, USDI's National Park Service and Fish and Wildlife Service, U.S. Army Corps of Engineers, State of California (e.g., Department of Fish and Game), County lands, and private ownership. The checkerboard pattern presents a challenge because it includes more than 1,000 individual parcels that are of dramatically varying sizes (Morse 1992).

The Redding Resource Area is comprised of seven different emphasis areas, including Scott Valley, Klamath, Trinity, Shasta, Sacramento River, Ishi, and Yolla Bolly. Two of those emphasis areas, Interlakes and the Sacramento River, have been identified by BLM recreation managers as a focus of increased interest and concern. The Interlakes Special Recreation Management Area (ISRMA) is adjacent to Redding and Shasta Lake and is characterized by heavy use. Its proximity to Redding and the general lack of control on activities (Morse 1992) increases its attractiveness to locals. In addition, Lake Shasta and the Gene Chappie/Shasta Off-Highway Vehicle (OHV) Area attract visitors from distant locations. The rapid increase in recreational uses of this area in recent years has led to increasing conflict, as traditional uses such as shooting become objectionable or unsafe. Additionally, the dramatic increase in users has required managing agencies to pay special attention to issues of development, access, and multiple use.

The second area of special interest, the Sacramento River Recreation Area (SRA), about a 2-hour drive north of Sacramento, is one of the smallest of the seven management areas according to the Redding RMP. This area is characterized by the same checkerboard pattern of ownership as the other management areas, but land acquisition plans are more intensive. According to the Redding RMP, this area presents the most dramatic demonstration of the impact of small public land holdings on disappearing environments and recreational opportunities. The Sacramento River is characterized by heavy recreational use, varying by season, and fishing that is popular year-round.

The two resource areas for this study were selected specifically to address the recreation-related assumptions in the RMP, which were based on resource manager knowledge and input gained through the public comment period and other public input steps described in the RMP; to validate the applicability of a research model developed through a cooperative relationship between the BLM and the USDA Forest Service's Pacific Southwest Research Station; and to examine select management issues of concern to recreation planners and managers of the Redding Resource Area.

The areas queried in this study included: a description of visitors to selected sites in the Redding Resource Area, activities that visitors pursue and desired activities, current and preferred sources of information and types of information they would like to receive, visitor perceptions of what the managing agency should do, what visitors liked most about an area, incidences of conflict, visitation history and patterns, desired amenities and level of satisfaction, and comparisons across recreation areas and seasons.

This paper reports results of an on-site visitor survey conducted at the ISRMA and SRA areas of the Redding Resource Area in 1993, including socio-demographic characteristics of visitors, current and desired activities, current and desired information sources and types, visitors' perceptions of management strategies, visitor opinions about development, conflict, visitation history and patterns and activities pursued, visitor satisfaction with the sites, and awareness of the agency managing the sites.

Methods

Survey Instrument

Instrument development for this study began with a review of questionnaires used at the Imperial Sand Dunes and Mecca Hills in the southern California desert, two previous study areas also examined through cooperative agreements between BLM and PSW. Next, a series of inter-agency meetings transpired in which items from these questionnaires were reviewed for their applicability to the Redding Resource Area. New management issues specific to this area were identified.

The instrument developed for summer 1993 was revised twice, once as a result of the pre-test conducted in May 1993, and during data collection, to address some technological refinements. Another revision occurred in fall 1993 to address discoveries made during the first season of collection. A final revision for winter and spring reflected yet additional discoveries of needed modifications in the instrument. Content of all versions was fairly similar (*appendix A*). The final instruments reflected the previous research model established at other sites (Mecca Hills, Chavez and others 1993a; and Imperial Sand Dunes, Chavez and others 1993b), as well as a collection of specific issues of concern to managers at the Redding Resource Area.

Sampling

The on-site self-administered questionnaires were given to visitors at selected sites in the two recreation areas by a research team from California State University at Chico. Participation was voluntary. All visitors encountered at a site, 16 years or older, were invited to participate in the study, after a brief introductory statement regarding team members and the purpose of the research. All members of a group were able to participate if they met the age requirement. In this sense the sample was self-weighting, as the number of respondents reflects the use proportions at each site on the selected weekends.

Visitation to the sites selected for data collection varied significantly. Activity patterns could also shift dramatically with changes in weather. To maximize the comparability between sites, a random sampling schedule was established before season data collection. A site was visited twice during each season, once on a Saturday and once on a Sunday. The research team collected data between approximately 8 a.m. and 4 p.m. on the data collection day. Because sampling was conducted only on weekends, some of the findings were limited. They are not necessarily representative of visitors who come to the sites only on weekdays. The findings pertain to respondents of the survey only. They are not characteristic of all visitors to the sites.

The response rate to the survey varied at each site in the ISRMA and SRA (overall response rate was 53.6 percent). At the ISRMA the four sites of data collection were the Shasta Overlook, Sacramento River Trail Bridge, the Shasta OHV Staging Area, and Keswick Boat Ramp. All of these sites are adjacent to Shasta Lake. The seven sites at the SRA were Bend Bridge Fishing Access, Jellys Ferry, Reading Island, Paynes Creek Bass Pond, Ball's Ferry, Perry Riffle Parking Lot, and Bloody Island. The SRA sites were situated along the Sacramento River. Numbers of respondents for all sites include:

Site	Number of respondents
ISRMA (n = 427)	
Shasta Overlook	193
Sacramento River Trail Bridge	120
Shasta OHV Staging Area	80
Keswick Boat Ramp	34
SRA (n = 182)	
Bend Bridge Fishing Access	70
Jellys Ferry	37
Reading Island	30
Paynes Creek Bass Pond	24
Ball's Ferry	15
Perry Riffle Parking Lot	4
Bloody Island	2

Because of some security concerns at Bloody Island during the first season of data collection, Ball's Ferry (at the SRA) was selected as a replacement site. Keswick (at ISRMA) and Perry Riffle (at SRA) were dropped from the last season of collection because of security concerns (Keswick) and low levels of visitation (Perry Riffle). Data from these three sites were included in the overall sample and area analyses, but Bloody Island and Perry Riffle were not reported in the site analyses because neither had a sufficient number of respondents. Although geographic breadth was captured by using 11 sites, more reliable site results might have been gained by intensively sampling a few sites. However, the focus of the research was more on the description of the two areas rather than a few sites.

Data Analysis

Means and standard deviations were generated for all interval type variables, and percents were generated for all categorical variables. Several analyses by different subgroups were conducted, using t-tests, Pearson correlations, analyses of variance (using the General Linear Models procedure for unequal ns), or Chi-square tests where appropriate. One group of analyses examined responses by the two recreation areas—with Shasta Overlook data separated out of ISRMA. A second focused on the specific sites where data was collected, and the third examined seasonal differences.

The Shasta Overlook data were separated after the first data collection season (summer 1993) because it had very different types of visitors and potential activities, and the respondents were less familiar with the resource expressed in opinion-type questions than those from other sites in the ISRMA. More specifically, the Overlook respondents' mean ages, group sizes, satisfaction, and miles traveled were all significantly different at $p < 0.01$. Education and income levels were not significantly different in Chi-square tests. Therefore, the decision was made to separate the information on the Overlook in this report and related analyses, even though it is a part of the ISRMA.

Results

Socio-demographic Characteristics

Although the Shasta Overlook had almost equal numbers of male and female respondents (with only a slightly greater number of males), the ISRMA and SRA had almost two-thirds male respondents *(fig. 1)*. These variations in gender may have had some affect on the data; however, attitudinal differences could not be predicted to be linked to gender on key items. The effects were probably minimal.

A majority of respondents at each of the areas had at least some college education *(table 1)*. The Overlook had the largest majority of college educated respondents at 72 percent.

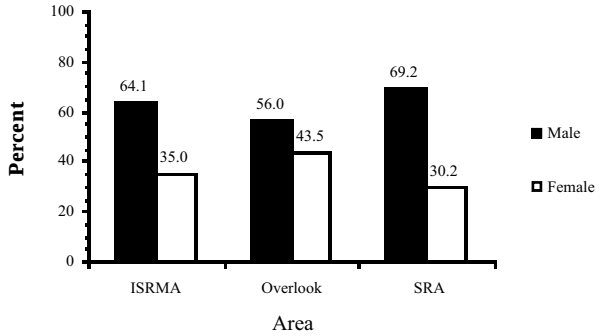

Figure 1—Gender distribution of total sample. Percent missing for ISRMA = 0.9 percent, Overlook = 0.5 percent, and SRA = 0.6 percent.

Table 1—*Education levels of respondents who visited the resource areas.*

Education level	Resource area ISRMA (n = 234)	Overlook (n = 193)	SRA (n = 182)
		Percent	
Less than high school	1.3	2.1	4.9
High school	26.9	23.3	26.4
Some college	38.9	31.1	42.9
B.A./B.S. degree	17.9	18.7	12.1
More than 4 years of college	12.4	21.8	11.5
Missing	2.6	3.0	2.2

Table 2—*Cultural groups of respondents who visited the resource areas.*

Cultural groups	Resource area ISRMA (n = 234)	Overlook (n = 193)	SRA (n = 182)
		Percent	
Anglo (Euro-American)	71.4	75.1	69.2
Other	9.3	9.3	10.5
Latino, Hispanic	7.3	5.2	7.7
More than one	1.3	2.6	4.9
Missing	10.7	7.8	7.7

Respondents at the Shasta Overlook were on average older (mean = 46.5, SD = 16.2, n = 193) than respondents at the ISRMA (mean = 41.0, SD = 12.7, n = 231) or the SRA (mean = 39.2, SD = 12.2, n = 181). The majority of respondents at the management areas were Anglo *(table 2)*. The Shasta Overlook had about 5 percent international visitation, leading to notable diversity within the Anglo sub-group.

The majority of respondents at each of the areas were born in the United States, although the Shasta Overlook had the least U.S.-born respondents (82 percent, compared to 93 percent for ISRMA and 92 percent for SRA). On average, respondents at the ISRMA had been in the United States for an average of 41 years (SD = 12.7, n = 229), compared to 45 years for the Overlook respondents (SD = 17.7, n = 173), and 39 years (SD = 12.2, n = 180) at the SRA.

Respondents were asked their primary language for speaking and reading. The vast majority spoke English as their primary language, although the Overlook had the most respondents who spoke some other language (89 percent spoke English only, compared to 93 percent at the ISRMA and 97 percent at the SRA). An even greater majority read English as their primary language (97 percent at ISRMA, 92 percent at Overlook and 99 percent at SRA).

Combined annual household income varied widely, but the majority of respondents at each of the areas made $69,999 or less *(table 3)*. Non-response to

Table 3—*Combined annual household income of respondents who visited the resource areas.*

Annual income	Resource area ISRMA (n = 234)	Overlook (n = 193)	SRA (n = 182)
		Percent	
$0-$19,999	9.8	9.8	20.3
$20,000-$39,999	25.6	24.9	27.5
$40,000-$69,999	38.6	35.8	29.1
$70,000-$89,999	8.1	7.2	4.4
$90,000 and up	8.1	9.3	7.7
Missing	9.8	13.0	11.0

Table 4—*Average number of miles respondents traveled while visiting the resource areas.*

Resource area	Mean[1]	SD	Median	Mode	n
ISRMA	50.50	223.98	8.50	5.00	218
Overlook	412.98	883.99	180.00	10.00	177
SRA	77.82	218.00	15.00	10.00	179

[1]Range of miles traveled for ISRMA was 0 to 3,000; for the Overlook, 3 to 8,000; and for SRA, 1 to 2,700.

Table 5—*Where respondents stayed while visiting the resource areas.*

Location	Resource area ISRMA (n = 234)	Overlook (n = 193)	SRA (n = 182)
		Percent	
Day trip/local residence[1]	91.0	59.6	80.3
Local hotel/lodge	0.0	23.8	4.4
Local campground	4.3	10.9	10.4
Missing	4.7	5.7	4.9

[1]These categories were combined since the distinction between them seemed unclear.

this survey item was an average of 10 percent. Variability by resource area was not significantly different using Chi-square at the 0.05 level ($p = 0.147$, df = 18 and 24).

Only a few respondents were physically or mentally challenged. Only 7 percent of all respondents reported hearing impairments, 6 percent visual impairments, 3 percent mobility impairments, and 1 percent mental impairments. Each of the three areas had about the same percentage of respondents reporting physical or mental challenges.

Visitors' place of residence was also of interest. The vast majority within each of the three areas were from the Pacific Coast States (95 percent of ISRMA respondents, 82 percent of Overlook respondents, and 95 percent of SRA respondents). The Overlook also had respondents from the Mountain States (2 percent), Central States (4 percent), Eastern States (3 percent), and from outside of the United States (5 percent). Average miles traveled reflected the varied origins for those visiting the Overlook *(table 4)*.

Respondents were asked to indicate where they were stayed while visiting the resource area. Most of the respondents were either on a day trip or staying at a local residence *(table 5)*. The Overlook had the most respondents staying at a hotel or campground.

Table 6—*Types of visitation days.*

Type of visitation days[1]	Resource area ISRMA (n = 234)	Overlook (n = 193)	SRA (n = 182)
		Percent	
Non-holiday weekends	78.6	30.6	65.4
Non-holiday weekdays	60.3	18.7	52.7
3-day/holiday weekends	51.0	18.7	37.9
Mid-week holidays	45.3	14.0	35.7
Vacations	40.2	33.7	35.7

[1]Percents do not equal 100 because each respondent provided answers to the types of visitation days, resulting in multiple responses.

Respondents were asked to indicate how often they visited the areas on each of the visitation day types *(table 6)*. Only respondents who indicated that they visited the area either sometimes or frequently within a type of visitation day are displayed. The reader should refer to the appendix of this report for changes in survey wording between the different seasons that could have influenced these findings. In the earlier seasons the question referred specifically to the site visited, while in later seasons it referred to the general recreation area. The majority of respondents were with family and or friends when they were contacted (82 percent at ISRMA, 88 percent for Overlook, and 82 percent at SRA).

Current and Desired Activities

Respondents contacted on-site during either fall, winter, or spring were asked to indicate which main activities they engaged in when visiting the area (they could mention as many as three). Various water sports were the most frequently mentioned for the ISRMA, while sightseeing was most popular at the Overlook, and fishing most popular at the SRA *(table 7)*. The 'other' category represented various activities listed on the survey, but was too diverse to combine in a concise form.

Respondents in all four seasons of data collection were asked to indicate how they used the trails and roads within the resource area. Walking or jogging was the most popular use of trails and roads, although a little more than one-third of the respondents from the Overlook did not use the trails and roads at all *(table 8)*.

Visitors contacted in fall, winter and spring seasons were also asked to indicate which activities they would like to participate in that were not currently available in the area, but only a few responded. Among the 18 activities listed for ISRMA across the 3 seasons, 44 percent were some type of water sport, 28 percent involved trails (e.g., hiking or ATV riding), and 28 percent were miscellaneous

Table 7—*Main activities respondents engaged in while visiting the resource areas (fall to spring).*

Main activity	Resource area ISRMA (n = 257)	Overlook[1] (n = 152)	SRA (n = 247)
		Percent	
Sightseeing	5.8	28.9	7.7
Fishing	11.7	9.9	28.7
Water sports	21.4	17.8	26.0
Hiking/jogging	16.7	7.2	8.1
Biking	11.7	4.6	2.0
Motorcycle/ATV riding	17.5	1.3	0
Other	15.2	30.3	27.5

[1]Because respondents could provide multiple answers to this question, percents are based on total number of responses.

Table 8—*Trails and roads respondents used while visiting the resource areas.*

Type of use	ISRMA (n = 234)	Resource area Overlook (n = 193)	SRA (n = 182)
		Percent	
Walking/jogging	53.8	37.3	52.7
Bicycling	43.6	5.7	12.6
OHV riding	24.8	3.1	3.8
Other	10.7	11.9	15.4
Don't use trails/roads	6.0	34.2	26.9

activities. At the Overlook, of the 15 responses, 27 percent were some type of water sport, 40 percent involved trails and 33 percent were miscellaneous. Finally, at the SRA of the 24 responses, 25 percent involved water sports, 21 percent were trails-related, and 54 percent were too varied to aggregate.

Current and Desired Information Sources

Respondents were asked to indicate how they first learned about the area. The majority learned about the area from family or friends, although media sources were also mentioned frequently *(table 9)*. The Overlook respondents listed the greatest variety of sources of information about the area; many visited the area in their childhood, or found out about the area from a tour or guidebook.

Beginning with the fall, through the winter and spring seasons of data collection, respondents were asked what types of information they desired about the area *(table 10)*. Respondents were most interested in information about things to see and do in the area.

During winter and spring, visitors were also asked to indicate if they had an interest in information about the area's trails, or about other sites like the one they were visiting. At the ISRMA, 61 percent were interested in information about the area's trails, and 62 percent were interested in other similar sites (out of 74 respondents). Fewer respondents were interested in these types of information at the Overlook, where 42 percent wanted trails information and 44 percent wanted similar site information (out of 41 respondents). At the SRA respondents showed greater interest in similar site information (53 percent) than in trails information (48 percent, out of 58 respondents).

General communication strategies for an area might be designed to meet the needs of new rather than repeat visitors, given their decreased likelihood of familiarity with a site. However, even new visitors showed greater interest in some types of information *(table 11)*. In the last two seasons interest in information for area trails and roads was favorable for both new (59 percent) and repeat

Table 9—How respondents learned about the resource areas.

Source	ISRMA (n = 234)	Resource area Overlook (n = 193)	SRA (n = 182)
		Percent	
Friends or family	59.8	42.0	69.2
Live nearby/self-discovery	13.2	9.3	13.2
Media	9.0	4.1	0.5
Agency	1.3	1.6	3.3
More than one	7.3	7.8	1.7
Other	8.1	29.0	10.4
Missing	1.3	6.2	1.7

Table 10—*Desired information about the resource areas.*

Types of information	Resource area ISRMA (n = 126)	Overlook (n = 113)	SRA (n = 113)
	Percent		
Things to see and do	50.8	62.8	45.1
Natural features	45.2	59.3	44.2
Cultural/historic features	40.5	59.3	46.0
Rules/regulations	46.0	32.7	47.8

Table 11—*Desired information by new and repeat visitors about the resource areas.*

Types of information	New visitors (n = 246)	Repeat visitors (n = 105)
	Percent	
Things to see and do	64.8	48.0
Natural features	61.9	44.3
Cultural/historic features	64.8	41.5
Rules/regulations	43.8	41.5

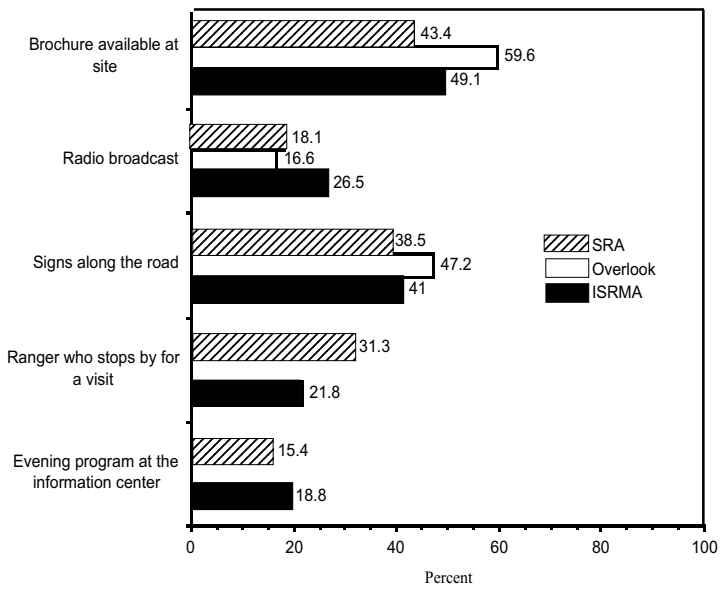

Figure 2—Preferred mode of receiving information.

visitors (50 percent). Information about other sites similar to the one visited were also of interest, with more than half (59 percent) of the new visitors and repeat visitors (54 percent) desiring this type of information.

Respondents were asked to indicate the preferred mode of receiving information about an area *(fig. 2)*. Brochures and signs along the road were both preferred modes of receiving information. During the first two seasons of data collection respondents were asked whether they would like or dislike receiving information from notes posted on a bulletin board. This item received strong support, with about 48 percent at the ISRMA, 45 percent at the Overlook, and 47 percent at the SRA indicating they would like this mode. Thirteen percent or less indicated that they would dislike notes on a bulletin board. Because it was unclear what form these notes might take "notes" was dropped from the questionnaire. In its place, "information kiosk" was added for winter and spring seasons. Between 40 and 50 percent of respondents in each area indicated that they would like to receive information at a kiosk, between 16 and 10 percent indicated that they would dislike this mode of information dissemination.

Visitor Perceptions of Management Strategies

Agreement/Disagreement with Agency Actions

Respondents were provided a list of options for action that the area managing agency might take, and were asked to indicate their level of agreement or disagreement with each recommendation (1 = strongly disagree; 5 = strongly agree) *(table 12)*. Respondents to all three areas were most in favor of leaving the area about the same as it was.

Some variation was found in the second and third highest means between areas. For example, at the ISRMA respondents wanted more information about the area, and showed some interest in additional access points and more facilities (although the last two items are close to neither agree nor disagree). Respondents at the ISRMA did not think access should be limited, or that more rules and regulations should be enforced. Respondents at the Overlook were in favor of similar items to those at ISRMA, although they supported cleaning up the area.

Patterns of responses at the SRA are very similar to those at the Overlook, although information interests were somewhat lower. An analysis of variance (using the General Linear Model procedure for unequal n's), examining variations in the agency action "limit access to the area" across the three sites, showed an overall significant F of 2.71 ($p < 0.05$). However, Scheffe's tests for paired comparisons failed to show any significant differences between any two sites.

Reactions to Planned Land Acquisitions/Land Exchanges

Respondents were also asked their opinions regarding BLM's plans for land acquisitions and land exchanges. They were told that the purpose of this was to increase resource protection, access, and recreational opportunities. Responses were recoded from the original survey to allow for calculation of average support or opposition for land acquisition. Averages for the ISRMA (mean = 1.99), Overlook (mean = 1.97), and SRA (mean = 1.95) were quite similar (based on a scale from 1 to 5, in which 1 = strongly favor, 5 = strongly against; *table 13)*.

Table 12—*Agreement/disagreement with agency actions at the resource areas.*

	Mean response	SD	Median	n
Agency action—ISRMA				
Leave things pretty much the way they are	4.0	0.97	4	212
Provide more information about the area	3.6	1.04	4	202
Provide additional access points	3.4	1.25	4	183
Provide more facilities in the area	3.3	1.16	3	197
Clean up the area	3.1	1.19	3	190
Enforce more rules and regulations	2.7	1.22	3	195
Limit access to the area	2.4	1.21	2	189
Agency action—Overlook				
Leave things pretty much the way they are	3.9	0.86	4	170
Provide more information about the area	3.8	0.83	4	153
Clean up the area	3.6	1.04	4	147
Provide more facilities in the area	3.3	1.03	3	144
Provide additional access points	3.1	1.16	3	145
Enforce more rules and regulations	3.0	0.96	3	143
Limit access to the area	2.6	1.16	3	144
Agency action—SRA				
Leave things pretty much the way they are	4.0	1.00	4	165
Provide more information about the area	3.5	1.18	4	157
Clean up the area	3.4	1.15	3	159
Provide more facilities in the area	3.2	1.36	3	159
Provide additional access points	2.9	1.28	3	149
Enforce more rules and regulations	2.7	1.30	3	151
Limit access to the area	2.6	1.23	3	155

Table 13—*Support or opposition to BLM land acquisition/land exchanges at the resource areas.*

Support or opposition	Resource area ISRMA (n = 234)	Overlook (n = 193)	SRA (n = 182)
	Percent		
Strongly favor	35.0	23.3	36.3
Somewhat favor	19.7	25.9	23.6
No opinion	20.5	31.1	21.4
Somewhat against	7.3	5.2	4.9
Strongly against	6.8	1.6	5.5
Missing	10.7	12.9	8.3

Visitor Opinions about Development

Development Between Shasta and Keswick

Of the 234 people contacted at the ISRMA about more trail development between the Shasta Dam and Keswick Dam, 65 percent were in favor of more trails while 14 percent were opposed. Respondents at the Overlook were less in favor of trail development, with only 16 percent of 193 individuals responding favorably. About 8 percent were opposed to trail development, while most in this area expressed no opinion, or marked "don't know."

Development Between Sacramento River and Clear Creek

Of the 234 people contacted about more trail development between the Sacramento River and Clear Creek, 53 percent were in favor of more trail development while 12 percent were opposed. More people were likely to answer "don't know" on this particular development question as opposed to the question regarding development between Shasta and Keswick Dams. Overlook respondents were once again more likely to mark "don't know" or to not respond to this item. Of the 193 people contacted, 14 percent favored development in this area, and 7 percent were opposed.

Desired Trails in the ISRMA

The types of trails respondents wanted to have developed in each area were determined *(table 14)*. Between Shasta Dam and Keswick the trail type of greatest interest is hiking/jogging trails; the same is true for trail type between the Sacramento River and Clear Creek.

Most Liked Area Features

Esthetic or scenery features were the most liked features about the area *(table 15)*. Percentages are based upon the total number of items listed, as respondents could provide up to three answers to this item. Other responses were too varied to aggregate.

Conflict

Respondents reported experiencing conflict with people outside of their own group *(fig. 3)*. The variation by site is significant at $p = 0.001$ (Chi-square = 13.641, df = 2). Of the 37 people across all sites and seasons that described the type of

Table 14—Desired trail development at the ISRMA.

Trail type	Shasta/Keswick Area	Sacramento/Clear Creek
	Percent	
Hiking/jogging	31.6	30.4
Bike trails	25.0	26.4
Motorcycle/ATV trails	10.5	10.4
Paved/asphalt	10.5	9.6

Table 15—*The most liked features at the resource areas.*

Feature	ISRMA (n = 435)	Resource area Overlook (n = 334)	SRA (n = 360)
		Percent	
Scenery/esthetics	54.3	65.0	47.8
Amenities/facilities	13.0	3.6	7.2
Accessibility/convenience	6.7	4.2	9.4
Wildlife/wildlife viewing	5.3	1.5	8.1
Water sports (includes fishing)	2.9	4.7	10.3

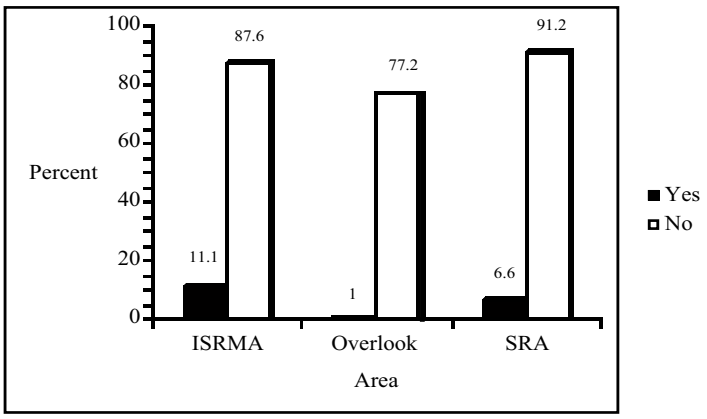

Figure 3—Reported experiences of conflict at the resource areas. Percent missing for ISRMA = 1.3 percent, Overlook = 21.8 percent, and SRA = 2.2 percent.

conflict experienced, the vast majority was at the ISRMA (68 percent). Conflict was unusual overall; types of conflict were grouped into people problems, rules and regulations, and miscellaneous. The majority of problems were people-related, such as people drinking or harassing others. Some bikers ignored rules and regulations that forbade speeding on trails.

The field team observed whether or not alcohol was present after contacting the potential respondent group. Groups in the SRA were most likely to have alcohol (23 percent), compared to those at the ISRMA (13 percent) and at the Overlook (1 percent). Type of alcoholic beverage, amount of alcohol consumed, and effect if any on other groups could not be examined.

New and Repeat Visitation

Respondents were asked to indicate if they had been to the site before. Within the ISRMA the Sacramento River Trail Bridge had the greatest percentage of repeat visitors (93 percent), followed by Keswick (88 percent), the OHV Area (76 percent) and the Overlook (44 percent). Within the SRA the numbers of repeat visitors varied greatly: 87 percent were repeat visitors at Ball's Ferry, 75 percent at Paynes Creek, 70 percent at Reading Island, 69 percent were repeat visitors at Bend Fishing Access, and 65 percent at Jellys Ferry. (Perry Riffle and Bloody Island were not included in the remaining results because of the low number of respondents contacted at those two sites.) Thus, at all sites except the Overlook at least half of the visitors had been to the site before.

Average Years of Site Visitation

Average number of years respondents who were repeat visitors had been coming to the site varied between 5 and 18 years *(table 16)*. The standard deviations on the averages are very high, indicating instability in the means. Therefore, caution should be exercised in assessing how representative these means are of the 'typical' repeat visitor to each site.

Table 16—*Repeat visitation to the sites.*

Site	Mean	SD	Median	n
		Years		
ISRMA				
Shasta Overlook	14.56	12.84	12	69
Shasta/OHV Area	10.25	9.29	7	55
Keswick Boat Ramp	9.88	8.68	8.5	26
Sacramento River Trail Bridge	4.51	4.13	3	99
SRA				
Ball's Ferry	17.75	10.15	17.5	12
Bend Bridge Access	13.37	11.20	10	43
Jellys Ferry	11.35	11.72	6	20
Reading Island	8.45	7.94	5.5	20
Paynes Creek	4.59	4.78	4	17

Table 17· *Repeat visitation to the sites in 1993.*

Site	Mean	SD	Median	n
ISRMA				
Sacramento River Trail Bridge	47.08	77.25	12	102
Shasta/OHV Area	13.69	14.34	10	59
Shasta Overlook	6.42	27.40	1	79
Keswick Boat Ramp	4.26	3.81	3	27
SRA				
Ball's Ferry	22.17	23.03	9	12
Bend Bridge Access	17.89	47.61	3	46
Paynes Creek	10.88	11.75	5	17
Reading Island	6.30	6.44	4	20
Jellys Ferry	5.81	10.99	3	21

Respondents were asked to indicate how many times they had been to the site in 1993 *(table 17)*. The data showed that the Sacramento River Trail Bridge users tended to return frequently to the site.

Activities Engaged in at the Sites

From a list of 25 activities, respondents were asked to indicate which ones they engaged in at the areas. (This list did not apply to the Overlook because activities were minimal there; thus, this question was dropped from the questionnaire that was used the last two seasons, and the first two seasons of data will not be included here.) At the ISRMA and the SRA sites the most frequently mentioned activities were relaxing, fishing, hiking, mountain biking, swimming, and motorcycle riding, which were compatible with the primary types of amenities and features available at each site *(table 18)*.

When also asked to indicate the primary activity enjoyed at the site that day, respondents listed some different activities. Within the ISRMA, the two primary activities at the OHV area were motorcycle and ATV riding; at Keswick they were relaxing and miscellaneous; and at the Sacramento River Trail Bridge they were mountain biking and day hiking. Within SRA the two primary activities listed were fishing and rafting at Bend Bridge Boating Access; at Paynes Creek they were fishing and relaxing; canoeing and fishing were listed at Jellys Ferry; fishing was the primary activity at Reading Island, with a three-way split for the second-most primary activity; and finally, at Ball's Ferry fishing was the primary activity (the numbers were too small for the other activities listed).

Desired Amenities at the Sites

Throughout the four seasons of data collection respondents to the sites were asked to indicate which amenities would be important to either add or keep at the site. In addition, respondents could also check "don't change the area" if they felt that the area should remain in its present condition. Respondents were not

Table 11—*Top five activities listed for the ISRMA and SRA sites.*[1]

Activity	Resource area: ISRMA sites			SRA sites				
	OHV Area	Keswick	Sac. Bridge	Bend	Paynes Creek	Jellys Ferry	Reading Island	Ball's[2] Ferry
Motorcycle riding	1							
ATV riding	2							
Relaxing	3	3	3	2	2	2	2	2
Picnicking	4				3	3	5	
4-wheel driving	4							
Fishing	5	1		1	1	1	1	1
Pleasure boating		2						2
Collecting		4						
Bird/wildlife watch		5	4		5			
Mountain biking		5	2					
Hiking			1		4	4	4	
Sightseeing			5					
Rafting				3		5		
Swimming				4		3		3
Canoeing				5		1		
Photography						5		
Camping						5	3	

[1]Only the top three activity categories are listed for each site (1 = highest ranked, 5 = lowest ranked of five). Multiple activities could be listed by respondents.
[2]Only the top three activity categories are listed for this site, due to the low n on less frequently listed activities.

asked to rank-order preferred amenities on the questionnaire. The most important amenities for respondents at the ISRMA were running water and picnic tables *(table 19)*.

In the last two seasons of data collection, three additional amenity options were added, including trash cans (at all 4 sites within the area) and natural and artificial shade (all sites but the Overlook). Out of 32 individuals contacted at the OHV area, 38 percent wanted trash cans and natural shade, and 9 percent wanted artificial shade. At the Overlook trash cans were even more important to add to the site: out of 41 individuals 63 percent chose this amenity. At Keswick 11 people were contacted, out of which 64 percent wanted trash cans and 36 percent wanted natural shade. At the last site at the ISRMA, Sacramento River Trail Bridge, 31 people were contacted and of those 42 percent wanted trash cans and 23 percent wanted natural shade.

During the third and fourth seasons of data collection, respondents at the SRA were also asked about trash cans, natural shade, and artificial shade. Of the 19 respondents contacted at Bend Bridge Fishing Access, 74 percent indicated trash cans were important to add or keep, and 42 percent selected natural shade. Out of 11 respondents at Paynes Creek Bass Pond, 55 percent indicated trash cans, and 27 percent indicated natural shade. Reading Island also had 11 respondents the last two seasons, and those respondents wanted trash cans (73 percent) and natural shade (64 percent). At Jellys Ferry only nine people were contacted the last two seasons, and of those one-third selected trash cans and 11 percent selected natural shade. Finally, at Ball's Ferry five people were contacted, of which all indicated trash cans as an important amenity, and 20 percent indicated natural shade. For these last two sites, the numbers are extremely low, and caution should be exercised when making any site changes based on these data. More confidence can be placed on findings at sites where more individuals were contacted.

If we compare the responses between ISRMA and SRA, some of the findings are surprising. For instance, although running water was the top amenity listed

Table 19—*Important amenities for the ISRMA and SRA sites.*

	Resource area								
	ISRMA sites				SRA sites				
Amenities	OHV Area (n = 80)	Overlook (n = 193)	Keswick (n =34)	Sac. Bridge (n = 120)	Bend (n = 70)	Paynes Creek (n = 24)	Jellys Ferry (n = 37)	Reading Island (n = 30)	Ball's Ferry (n = 15)
	Percent				Percent				
Running water	48.8	31.6	41.1	59.2	35.7	41.7	27.0	63.3	40.0
Picnic tables	33.8	36.8	35.3	25.0	25.7	45.8	35.1	53.3	13.3
Flush toilets	20.0	N/A[1]	35.3	33.3	21.4	16.7	21.6	23.3	46.7
Pay telephone	36.3	18.1	32.4	21.7	17.1	12.5	10.8	36.7	20.0
Portable toilets	12.5	N/A	23.5	10.0	30.0	8.3	13.5	23.3	46.7
Information boards	25.0	34.2	5.9	15.8	17.1	33.3	2.7	10.0	6.7
BBQ grills	28.8	N/A	29.4	5.8	12.9	33.3	10.8	43.3	0
Pit toilets	25.0	N/A	11.8	22.5	25.7	29.2	21.6	33.3	40.0
Don't change area	41.3	22.3	11.8	20.8	15.7	20.8	29.7	20.0	20.0

[1]Percent of responses to items marked 'N/A' are not displayed because these amenities were dropped after revision of the Overlook version of the survey. These amenities were not considered possible at the Overlook site.

by respondents at both areas, at the ISRMA flush toilets were preferred over other types, and pit toilets were fine at the SRA. Also of interest is the low preference for information boards in both areas, especially given the strong interest in additional information.

Average Satisfaction/Dissatisfaction with the Sites

Respondents at each site were asked to indicate on a scale from 1 to 5 (1 = very dissatisfied, 5 = very satisfied) how they felt about the site *(table 20)*. Respondents were most satisfied at the Sacramento River Trail Bridge, the Shasta Overlook, and Jellys Ferry.

If respondents indicated that they were dissatisfied they were asked to supply suggestions for improving the area, but very few suggestions were offered. However, at the OHV area respondents felt that adding amenities would improve the area. At the Overlook respondents also wanted amenities, and they wanted the area to be cleaned up and litter laws to be enforced. At Keswick respondents wanted the area to be cleaned up, and amenities to be added, while at Sacramento River Trail Bridge only one suggestion was made within each possible action.

Respondents felt Bend Bridge Fishing Access would be improved by improving the toilets, adding signs, cleaning up trash and improving the boating access, or making available boating rentals and fuel. Amenities were also suggested as improvements at Paynes Creek and Ball's Ferry. Boating issues similar to those at Bend were suggested at Ball's Ferry as sources of improvement to the area. However, very few suggestions were made overall, and when they were offered the number of people making each suggestion was less than five.

Identification of Managing Agency

Respondents were asked to indicate which agency managed the site they visited. A high percentage of individuals were able to correctly identify the managing agency at each site, which was one indicator of visitor knowledge about an area and partly reflected agency communication successes. If multiple agencies were involved in the management of a site, identifying any one of the agencies involved, or indicating that more than one agency managed the site, was considered a correct response for this report. Although 15 percent of respondents at the OHV area indicated "unknown," 71 percent were able to correctly identify Forest Service and/or BLM. Various signs at the site were posted to assist the visitor with this identification, as well as hosts present for

Table 20—*Average satisfaction/dissatisfaction with site.*

Site	Mean	SD	n
ISRMA			
Sacramento River Trail Bridge	3.97	1.50	118
Shasta Overlook	3.98	1.09	190
Shasta/OHV Area	3.90	1.30	80
Keswick Boat Ramp	3.48	1.31	31
SRA			
Jellys Ferry	3.76	1.32	37
Paynes Creek	3.71	1.40	24
Bend Bridge Access	3.64	1.08	70
Reading Island	3.62	1.27	29
Ball's Ferry	2.93	1.16	15

both the OHV staging area and the Forest Service campground. The city of Redding and/or the BLM were correctly identified by 46 percent of respondents as the managing agencies at the Sacramento River Trail Bridge. Only 17 percent of respondents correctly identified the Bureau of Reclamation as the managing agency at the Shasta Overlook, despite a sign at the Overlook that posts this information. Even fewer respondents were able to correctly identify the county as the managing agency at Keswick boat ramp (6 percent). The lack of signage at the site helps account for this low percent. Respondents at SRA sites were best informed about Paynes Creek Bass Pond, with 79 percent of respondents correctly identifying BLM as the managing agency. Along the entry road to this site is a sign clearly identifying the managing agency. About half (51 percent) of the respondents cited BLM as the managing agency at Jellys Ferry, and only one-third identified BLM at Reading Island. The county was correctly identified by 19 percent of respondents to Bend Fishing Access, and by 27 percent of respondents at Ball's Ferry.

Comparison of Visitor Responses at the Sites in the Recreation Areas

Of interest to BLM personnel was the visitation of individuals with physical and or mental challenges. Only 14 percent of respondents listed any type of physical or mental challenge, while 80 percent reported having none. A t-test for differences on mean satisfaction for those reporting absence or presence of a disability failed to reveal any significant relationship ($p > 0.05$). An original premise was that those with disabilities might be less well served, and therefore report lower levels of satisfaction. This was not confirmed.

Responses to open-ended comments specific to all sites were also obtained from visitors and compared to determine levels of satisfaction with the sites that were not queried in the survey *(appendix B)*.

ISRMA

Shasta OHV Staging Area—The Shasta OHV Staging Area is a large site, with a Forest Service campground, a day- use area with picnic tables, and a large open space suitable for the landing of hang gliders *(fig. 4)*. A restroom facility and kiosk are present, as well as a pay telephone. Two host trailers are on-site, one at the loading/unloading area and one at the campground. The area is situated down-river from the Shasta Dam spillway, in a canyon. Summer was hot at the Shasta OHV Management Area and many people complained about the heat and lack of shade to field team members. Several people were drive-through respondents, who were contacted on their way to another destination.

Eighty people—representing a response rate of 68.6 percent—completed the survey at the Shasta OHV Staging Area. The majority of responses were from the first three seasons (26 percent in summer, 34 percent in fall, 25 percent in winter and 15 percent in spring). The average group size was five people (mean = 4.60,

Figure 4—The Shasta OHV Staging Area.

SD = 4.28), and the number of people on-site counted at 9 a.m., 12 p.m., and 3 p.m. was about the same (mean = 8.22, 7.44, and 8.0, respectively). The majority of respondents were male (79 percent), averaged 38 years of age (SD = 12, n = 78, range = 16-70), and had some college education (58 percent). Percent of those with a high school versus college education varied significantly, by site, within the ISRMA (Chi-square = 11.719, $p < 0.01$), with this site having the least respondents with a college education. The majority (89 percent) of respondents at this area lived within about a 50-mile radius from the site, although the average number of miles traveled was 73 (the standard deviation was quite high at 143). Ninety-four percent of the respondents were residents of Pacific Coast States. Most were either on a day trip or staying at a local residence (82 percent).

Conflict was reported by 11 percent of the respondents, with sources of conflict attributed to homeless people along the river (n = 5), conflict with rangers (n = 2), teenagers drinking (n = 1), people shooting (n = 1), and people littering (n = 1).

The pattern of visitation days *(table 6)* showed non-holiday weekends as the most popular. The primary use of trails and roads at this site is OHV riding at 66 percent. Respondents at this site were most interested in motorcycle or ATV trails between Shasta and Keswick (44 percent) and between the Sacramento River and Clear Creek (31 percent).

In addition, responses to possible managing agency actions match the overall area responses *(table 12)*, with a maximum difference between means of 0.4. Respondents were most interested in information about things to see and do in the area (36 percent) and information about the area's rules and regulations (35 percent). The most preferred mode of disseminating that information was through brochures available on-site (63 percent).

Shasta Overlook—The Shasta Overlook is on the main highway leading to the Shasta Dam visitor information center and the Gene Chappie/Shasta OHV Staging Area *(fig. 5)*. It is a turnout on the highway and has a Bureau of Reclamation sign. No other amenities or built structures are present, and the attraction to this site is the view of the three Shastas: the lake, the dam, and the

mountain. The Overlook was also a hot site the summer respondents were contacted, with one field day characterized by temperatures near 110 degrees Fahrenheit. The field team was especially challenged by the desire of potential respondents to finish the survey quickly. Most of the sites allowed for a quick check of the survey to be sure all items were completed; this one did not because of the rapid traffic flow and the quick departure of respondents.

At this site, 193 people completed the survey for a response rate of 49.5 percent. It was more difficult to get agreement to participate at this site because many people contacted were in their automobiles and were only using the turn-out at the Overlook for a quick scenic view. The majority of responses were from the first two seasons (41 percent in summer, 37 percent in fall, 13 percent in winter and 8 percent in spring). The average group size was three people (mean = 2.68, SD = 1.18), and the number of people on-site counted at 9 a.m., 12 p.m., and 3 p.m. was higher later in the day (mean = 1.0, 2.38, and 2.83, respectively). Most respondents were male (56 percent), averaged 47 years of age (SD = 16, n = 192, range = 18-82), and had some college education (72 percent). Only 25 percent of respondents at this site lived within about a 50-mile radius of the site, with an average number of miles traveled that far exceeded all of the other sites (mean of 413 miles). Eighty-two percent of the respondents reported residency in one of the Pacific Coast States. About half of the respondents at this site were on a day trip or staying at a local residence (60 percent), while others stayed at a local hotel (24 percent) or campground (11 percent).

Respondents at this site were asked if they had visited the visitor center at the dam, were on their way to it, or had not visited it and did not plan to. Of the 51 respondents (number of people contacted the last 2 seasons), 20 percent had been to the center, 27 percent were on their way there, and 49 percent had not visited it nor planned to.

Conflict was only reported by 1 percent of respondents at this site, with complaints of people drinking (n = 1) and a "strange surveyist" (n = 1).

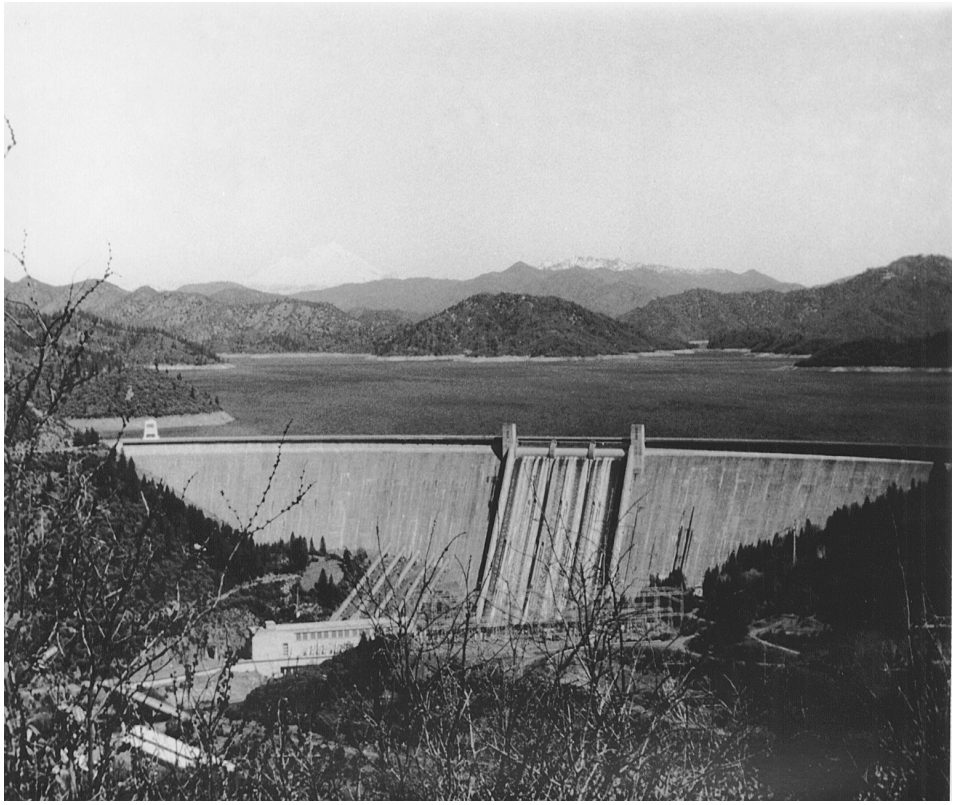

Figure 5—The view from the Overlook.

Keswick Boat Ramp—Keswick Boat Ramp is off of Iron Mountain Road, and allows access to Keswick Lake. Situated in a canyon, it has a parking area and boat ramp, and travelers along the railroad grade would pass by, but the main road down to Keswick is a mildly rough one. The field team at Keswick reported that respondents showed a lack of desire for cooperation. On one of the visits to the site, the field team heard gun shots nearby and left the site for a short period to ensure its safety. After repeat occurrences of this same series of events the site was not visited the final season.

The response rate at Keswick was 36.7 percent, with 34 people completing the survey. The majority of responses were from the first and third seasons (44 percent in summer, 24 percent in fall, and 32 percent in winter). The average group size was five people (mean = 5.41, SD = 7.81), and the number of people on-site counted at 9 a.m., 12 p.m., and 3 p.m. was much higher in the late afternoon (mean = 0.80, 1.00, and 11.60, respectively). The majority of respondents were male (62 percent), averaged 40 years of age (SD = 12, n = 33, range = 19-61), and had some college education (68 percent). Most (74 percent) respondents were within a 50-mile radius from home, with 20 miles on average traveled to the site. Ninety-seven percent of the respondents resided in Pacific Coast States. The vast majority was either on a day trip or staying at a local residence (97 percent), while only one person was staying at a local campground.

Conflict was reported by 9 percent of respondents, with complaints linked to encounters with homeless people (n = 1), illegal discharge of firearms (n = 1), and items being stolen from a parked car (n = 1).

Visitation days varied somewhat for Keswick, compared to the pattern at the ISRMA *(table 6)*. Vacations were a more frequent type of visitation day than mid-week holidays at Keswick. The main use of trails and roads mentioned at Keswick was walking or hiking (35 percent). Respondents were most interested in hiking or jogging trails between Shasta and Keswick (33 percent) and biking trails between Sacramento River and Clear Creek (36 percent).

People who visited Keswick were more likely to find out about the area from family and or friends than were most respondents to the ISRMA (71 percent at Keswick versus 60 percent at the ISRMA). Respondents most often expressed an interest in information about natural features of the area (47 percent), and cultural features (37 percent). The most preferred mode for information dissemination was signs along the road (53 percent).

Significant differences were found between ratings on "clean up the area" within the ISRMA ($F = 12.73$, $p > 0.001$). Paired comparisons revealed alpha levels of .05 or less for differences between Keswick and the OHV area (Keswick's respondents were more in agreement with this action), and Keswick and the Sacramento River Trail Bridge (Keswick's respondents were more in agreement with this action). Differences for other means were small, ranging from 0.1 to 0.3.

Sacramento River Trail Bridge—The field team was stationed along the Sacramento River Trail and the bridge over the Sacramento River. One field team member was stationed at each end. The bridge is situated in a canyon and can be accessed by travelers using the trail from entrance points in Redding or by those who parked near Keswick Dam, off Keswick Dam Road *(fig. 6)*.

Since most of the respondents to the site were on roller blades or bikes, the field team had to be persuasive in order to get respondents to stop for survey completion. Potential respondents could be missed if they were traveling at too high of a speed for contact.

The response rate at this site was 57.8 percent, with 120 people completing the survey. The majority of responses were from the first season (60 percent in summer, 14 percent in fall, 12 percent in winter, and 14 percent in spring). The average group size was three people (mean = 2.55, SD = 1.68), and the number of people on-site counted at 9 a.m., 12 p.m., and 3 p.m. was highest mid-day (mean = 1.50, 3.75, and 2.57, respectively). The majority of respondents were male (56 percent), averaged 43 years of age (SD = 13, n = 130, range = 17-81), and had some

Figure 6—The view from the Sacramento River Trail Bridge.

college education (80 percent). The significant variation in high school versus college education by site within ISRMA showed the highest percent of college educated respondents visit this area. Most respondents (88 percent) were within about a 50-mile radius from home, with an average of 44 miles traveled to the site, and 96 percent of them lived in Pacific Coast States. Respondents were either on a day trip or from a local residence (96 percent).

Conflict was cited by 11 percent of respondents as a problem at this site. Sources of conflict included harassment from teenagers (n = 3), unleashed dogs (n = 2), bikers going too fast (n = 2), people not obeying trail rules (n = 2), encounters with homeless (n = 1), people littering (n = 1), and people blocking the trail (n = 1).

Types of visitation days for ISRMA *(table 6)* match the pattern for respondents at this site, with non-holiday weekends the most popular visitation day type, and vacations the least popular.

Responses to the trail and road-use items were higher than for any other site, which was expected given that the contact point was an actual trail. Walking and hiking was listed by 80 percent of the respondents and biking by 74 percent when they were asked about trail use. Respondents using the Sacramento River Trail Bridge were interested in development of similar (hiking/biking) trails between Shasta and Keswick (30 and 38 percent respectively) and between Sacramento River and Clear Creek (36 and 34 percent respectively).

Respondents expressed a strong interest in several types of information including things to see and do (60 percent), natural features (69 percent), cultural features (60 percent) and rules and regulations (50 percent). Respondents would most like to receive information from brochures available on-site (46 percent).

Responses to potential managing agency actions from respondents to this matched very closely to the total ISRMA *(table 12)* with a maximum difference in means of 0.4.

SRA

Bend Fishing Access—Just off of Jellys Ferry Road and down the road from Bend store, Bend Fishing Access is under a bridge along the Sacramento River *(fig. 7)*. A boat ramp allowing access to the river is the main attraction here, although the sandy banks served as a picnic/relaxation site for some families observed. A restroom and trash can are present at the site. Under the bridge there is also access to a dirt parking area, where people can leave their cars while they hike down the river. An abundance of trees, shrubs, and grasses draw birds and deer to the site.

Most respondents were contacted either on their way in or out of the river. In conversations with the field team, respondents wanted to be sure the boat ramp would remain accessible, with the need for debris to be removed frequently. In addition, some respondents were concerned about guide boats along the river, or jet boats traveling too quickly. Finally, most respondents complained about the condition of the restroom facilities at the site, and the need for trash cans to be emptied.

The response rate at Bend was 59.7 percent, with 70 people completing the survey. The majority of responses were from the first and second seasons (44 percent in summer, 28 percent in fall, 19 percent in winter, and 9 percent in spring). The average group size was four people (mean = 3.87, SD= 3.84), and the number of people counted on-site at 9 a.m., 12 p.m., and 3 p.m. was higher in the afternoon (mean = 1.13, 0.63, and 6.38, respectively). The majority of respondents were male (72 percent), averaged 41 years of age (SD = 13, n = 70, range = 17-73), and had some college education (73 percent). Most of the respondents at Bend were within a 50-mile radius from home (63 percent), although an average of 71 miles was traveled to visit the site, which is higher than many of the sites used in this study. Yet, 97 percent reported residency in one of the Pacific Coast States. The majority were either on a day trip or staying at a local residence (80 percent), while 9 percent were staying at a local hotel, and 7 percent at a local campground.

Figure 7—Bend Fishing Access.

Conflict was mentioned by only one person at this site, and involved a concern over bad boating practices. Type of visitation days at the SRA *(table 6)* represents patterns specifically reported at Bend, in order from most to least frequent. The highest percentage of respondents (43 percent) reported not using the trails and roads in the area, although 40 percent used trails for hiking and walking.

Interest in information about natural features, cultural features, and rules and regulations was expressed by slightly less than half of all respondents (all at 49 percent). If information was distributed, respondents would like to receive it through brochures available on-site (41 percent).

Responses to potential managing agency actions matched overall SRA responses *(table 12)* fairly closely with a maximum difference of 0.1.

Paynes Creek Bass Pond—Paynes Creek Bass Pond is a short drive from Bend Fishing Access, although signs do not direct visitors to it *(fig. 8)*. Upon arrival along the dirt and gravel road, visitors are met by numerous oak trees and a respectably sized pond. During the summer season of data collection, the site was in transition, with a "sweet smelling toilet" being added on-site and improvements to the parking area being made. The improvements were completed by the beginning of winter season.

The field team quickly discovered that people encountered at this site lived nearby—perhaps down the road from the site—or had a long visitation history. The average number of miles traveled by respondents to this site was 15, much lower than at any of the other sites. Most respondents were either on a day trip or from a local residence (91 percent), while only 4 percent were staying at a local campground. The vast majority (92 percent) of respondents lived within about a 50-mile radius of the site, and 96 percent reported residency in one of the Pacific Coast States. During a pre-test visit, the team had three vehicles and observed that this was a deterrent to other potential visitors stopping there. Therefore, during data collection only one vehicle belonging to the field team was parked at the site. This site had a low level of visitation, but because of the development changes taking place, it continued to be a site for collection.

The response rate at Paynes Creek Bass Pond was 55.1 percent, with 24 people completing the survey. The majority of responses were from the fall and

Figure 8—Paynes Creek Bass Pond.

winter (21 percent in summer, 33 percent in fall, 29 percent in winter, and 17 percent in spring). The average group size was three people (mean = 2.83, SD = 1.52), and the number of people on-site counted at 9 a.m., 12 p.m., and 3 p.m. was about the same (mean = 0.88, 1.13, and 1.43, respectively). The majority of respondents were male (63 percent), averaged 37 years of age (SD = 13, n = 24, range = 17-62), and had a high school education (54 percent). Significant variations in comparisons across sites within the SRA was revealed on education (Chi-square = 10.485, $p > 0.05$). Paynes Creek had the lowest percent of college educated respondents within the SRA (42 percent had attended some college).

Conflict was not reported by any respondents at this site. A large majority (83 percent) of visitors used trails and roads in the area for hiking and/or walking.

Respondents at the SRA were less likely to find out about the area from family and or friends than were respondents to Paynes Creek Bass Pond (69 percent versus 83 percent). Interest in information about cultural features (68 percent) and rules and regulations (63 percent) was expressed by more than half of the respondents. Information about things to see and do (58 percent) and natural features (53 percent) were also of interest. Respondents most preferred to receive information from signs along the road (46 percent).

The means for potential managing agency actions for this site matched those for the area quite closely, with differences ranging between 0.1 and 0.3 in area versus site comparisons.

Jellys Ferry—Jellys Ferry is below a bridge along Jellys Ferry Road. A small parking area and turn-around point are present, along with a kiosk and restroom facility. Most respondents are either driving through the site out of curiosity after spotting it from the road, or using it for access to the river. The river runs faster here than at Bend Fishing Access, so it might be a less desirable put-in/take-out point. Graffiti is sprayed on the supports under the bridge.

More than at any other site, field team members were asked to complete the survey for respondents as they read off items and possible responses. The majority of those contacted were only driving through the site. Although field team members were then curious about the education levels of respondents to this site, later analyses showed that Jellys Ferry had the highest percent of college educated respondents (76.5 percent had attended at least some college).

The response rate at Jellys Ferry was 69.1 percent, with 37 people completing the survey. The majority of responses were from the first and second seasons (35 percent in summer, 38 percent in fall, and 26 percent in spring, no responses were gathered in winter). The average group size was four people (mean = 3.73, SD = 3.39), and the number of people on-site counted at 9 a.m., 12 p.m., and 3 p.m. was higher in the morning and afternoon (mean = 1.50, 0.63, and 1.50, respectively). The majority of respondents were male (62 percent), averaged 38 years of age (SD = 9, n = 37, range = 16-61), and had some college education (78 percent). A little more than half of the respondents (59 percent) lived within a 50-mile radius of the site, with an average of 143 miles traveled (there was much variation in mileage, with a standard deviation of 455 miles). Ninety-two percent of the respondents were residents of a Pacific Coast State. The majority were either staying at a local residence or were on a day trip (81 percent). Only a few (8 percent) were staying at a local campground.

Conflict was reported by 5 percent of respondents at this site, with concerns about property rights (n = 1) and a game warden (n = 1).

The highest use of trails and roads was for walking or hiking (41 percent). The interest in information about various listed items was low, with a maximum of 41 percent interested in information about rules and regulations and cultural and historic features in the area. The most preferred mode of receiving information (50 percent) was brochures available on-site. Responses to potential

managing agency actions were closely rated between this site and the area, with differences in means between the two ranging from 0.1 to 0.3.

Reading Island—Reading Island is along Ball's Ferry Road, and signs lead to it off the main highway. It has designated areas for day use and camping, and a site host is located there. With restroom facilities, picnic tables, grills, and a fishing dock, this is one of the more developed sites chosen for visitor contact.

The response rate at Reading Island was 39.7 percent, with 30 people completing the survey. The majority of responses were from the first and fourth seasons (47 percent in summer, 17 percent in fall, and 36 percent in spring, no responses were collected in winter). The average group size was six people (mean = 5.90, SD = 9.62), and the number of people on-site counted at 9 a.m., 12 p.m., and 3 p.m. was about the same throughout the day (mean = 7.29, 7.57, and 6.71, respectively). The majority of respondents were male (70 percent), averaged 38 years of age (SD = 14, n = 30, range = 16-63), and had some college education (57 percent). Slightly more than two-thirds (70 percent) of the respondents lived within a 50-mile radius of the site, and averaged 58 miles traveled (SD = 87). Ninety percent were residents of a Pacific Coast State. Respondents were about evenly distributed on location where they were staying, with 70 percent on a day trip or staying at a local residence, and 27 percent staying at a local campground (13 percent from the site campground).

Conflict was mentioned by 17 percent of respondents, with concerns about noisy people (n = 2), people speeding in cars (n = 1), and teenagers harassing respondents (n = 1).

Although for most of the SRA vacations were not a popular visitation day type, they were slightly more popular at Reading Island with 40 percent of the repeat visitors reporting visiting the area on vacations. Three-day holiday weekends and mid-week holidays were less frequent visitation days for Reading Island than for SRA overall *(table 6)*, with about a 10 percent respondent difference.

The majority of respondents (83 percent) used local trails and roads for hiking and/or walking. Visitors were quite interested in the various information items listed, with 63 percent expressing an interest in information about things to see and do in the area, 56 percent an interest in natural features, and 50 percent an interest in cultural features and rules and regulations. Brochures on-site was the most preferred mode of information dissemination (60 percent), although around half also expressed an interest in ranger visits (50 percent), and signs along the road (53 percent).

Although differences between ratings on potential managing agency actions ranged between 0.1 and 0.6, when comparing this site to the overall SRA, even the largest difference was not significant.

Ball's Ferry—Ball's Ferry was the most northern site in the Sacramento River Area, and was visited the last two seasons of data collection. There is a boat access ramp at the site along Ball's Ferry road and a small parking area.

The response rate at Ball's Ferry was 51.7 percent, with 15 people completing the survey. The average group size was three people (mean = 2.80, SD = 1.32), and the number of people on-site counted at 9 a.m., 12 p.m., and 3 p.m. was about the same (mean = 0.80, 1.00, and 1.00, respectively). The majority of respondents were male (93 percent), averaged 43 years of age (SD = 11, n = 14, range = 25-56), and had some college education (73 percent). Less than half (47 percent) of the respondents at Ball's Ferry lived within a 50-mile radius of the site, with an average of 122 miles traveled (SD = 167 miles). Ninety-three percent were residents of a Pacific Coast State.

Conflict was a source of concern for 20 percent of respondents, with people shooting (n = 1), and poor boating etiquette in the area (n = 1) as sources of complaint.

Visitation day patterns were quite different for this site when compared to SRA overall *(table 6)*. More than half of Ball's Ferry respondents visit the site on non-holiday weekends, non-holiday weekdays, three-day holiday weekends, and vacations, while some of these day types are less popular for SRA respondents overall.

Non-use of trails and roads in the area was reported by 47 percent of the respondents, while about one-third used trails for hiking and/or walking. Respondents at Ball's Ferry were more likely to find out about the area from family and/or friends than were respondents to the SRA overall (80 percent versus 69 percent). Respondents to Ball's Ferry did not express a strong interest in information types, with 36 percent maximum who expressed an interest in information on things to see and do in the area. The most preferred mode of information dissemination was through signs along the road (53 percent).

Ratings on potential managing agency actions were similar between this site and the SRA, ranging in differences between 0.1 and 0.5.

Comparison of Seasonal Variations in Visitor Responses

New Versus Repeat Visitors

Seasonal variations in new versus repeat visitation showed a majority of repeat visitors during the winter season at ISRMA, Overlook, and SRA *(table 21)*. However, SRA had the most new visitors in the summer, the Overlook saw the most in the fall, and ISRMA had the most in the spring. Chi-square analyses within each area examining variations in new and repeat visitation across seasons were not significant ($p > 0.05$ on all three area Chi-squares).

Miles Respondents Traveled

By using the findings showing seasonal variation between new and repeat visitors, the number of miles respondents traveled were compared by season and area to determine if the seasons and areas showing the highest number of new visitors also show the highest average miles traveled *(table 22)*. The results showed that although new visitation levels were higher within select seasons at each area, the number of miles those visitors traveled on average was not. Seasonal variation was not significant within each area, as tested by a series of ANOVAs. Additionally, Scheffe's paired comparisons were not significant for comparisons between seasons within each area.

Table 21—*Seasonal variations of responses to the survey item "been to this site before."*

Season and area	Yes	No	n
	Percent		
Summer			
ISRMA	83.3	16.7	108
Overlook	41.2	58.7	80
SRA	66.7	33.3	69
Fall			
ISRMA	90.4	9.6	52
Overlook	41.7	58.3	72
SRA	67.3	30.9	54
Winter			
ISRMA	95.6	4.4	45
Overlook	57.7	42.3	26
SRA	78.3	21.7	23
Spring			
ISRMA	75.9	24.1	29
Overlook	46.7	53.3	15
SRA	77.1	22.9	35

Table 22—*Average miles respondents traveled compared by season and area.*

Season and area	Mean	SD	Median	n
Summer				
ISRMA	44.5	103.3	6	102
Overlook	417.5	741.2	200	73
SRA	99.7	330.5	15.5	68
Fall				
ISRMA	38.1	119.1	10	48
Overlook	402.6	1038.1	200	64
SRA	90.1	120.7	40	55
Winter				
ISRMA	88.5	460.5	13	42
Overlook	274.1	739.9	11.5	26
SRA	40.2	50.9	13	23
Spring				
ISRMA	35.5	121.9	7	26
Overlook	694.6	1065.9	235	14
SRA	38.6	73.8	10	33

Average Satisfaction

Seasonal variations in average respondent satisfaction were examined by site. Keswick and Bend Fishing Access were the only sites where seasonal variations were significant (Keswick: ANOVA, $F = 3.84$, $p = 0.034$; Bend: ANOVA, $F = 3.57$, $p < 0.02$). Paired comparisons between seasons (using the Scheffé test) showed a significant difference at Bend between fall and winter, with winter being much higher (mean = 4.1) than fall (3.1, on a scale from 1 to 5 in which 1 = very dissatisfied, and 5 = very satisfied). Scheffé comparisons for Keswick were not significant.

Most Frequently Reported Activities

During fall, winter, and spring data collection seasons respondents were asked to report the three main activities engaged in at the area, and seasonal variations were compared *(table 23)*. Major categories were based on a content analysis of all items provided. Water sports were most popular at all areas in the fall and winter, while sightseeing was most frequently mentioned in the spring.

Results Linked to Assumptions in the Redding Resource Management Plan (RMP)

ISRMA

Some assumptions in the RMP were confirmed by the visitor survey results for ISRMA. The RMP stated that recreation use was very heavy in the ISRMA. On the basis of the sites selected, the results showed a wide range in the number of people present at each season (between 0 and 34 people counted at any one time). The busiest site was the Shasta's OHV Staging Area, with an average of eight recreationists across the different measurement times and days. Although these numbers may not seem high compared to other recreation areas across the state, they are clearly higher than the visitation levels seen at the SRA during this research study. This finding suggests that among the areas within the RMP, the ISRMA is one of the busiest (this precludes comparisons with much busier, out-of-area sites).

The RMP also assumed that visitor use of the recreation areas would be primarily local. Excluding the Overlook area, which has clearly been shown to be anomalous compared to the other selected ISRMA sites, an average of 84 percent

Table 23—*Main activities at the resource areas, by season.*

Season and activity	ISRMA (n = 103)	Overlook (n = 105)	SRA (n = 109)
		Percent	
Fall 1993			
Sightseeing	5.8	28.6	7.3
Fishing	14.6	8.6	33.0
Water sports	16.5	18.1	28.4
Hiking/walking/jogging	12.6	3.8	5.5
Biking	14.6	5.7	1.0
Motorcycle/ATV riding	27.2	1.0	0
Other	8.7	34.3	24.8

Season and activity	ISRMA (n = 89)	Overlook (n = 40)	SRA (n = 60)
		Percent	
Winter 1993			
Sightseeing	6.7	25.0	8.3
Fishing	6.7	15.0	20.0
Water sports	24.7	20.0	28.3
Hiking/walking/jogging	16.9	12.5	15.0
Biking	11.2	2.5	5.0
Motorcycle/ATV riding	14.6	2.5	0
Other	19.1	22.5	23.3

Season and activity	ISRMA (n = 65)	Overlook (n = 7)	SRA (n = 78)
		Percent	
Spring 1994			
Sightseeing	4.6	57.1	7.7
Fishing	13.8	0	29.5
Water sports	24.6	0	20.5
Hiking/walking/jogging	23.1	28.6	6.4
Biking	7.7	0	1.3
Motorcycle/ATV riding	6.2	0	0
Other	20.0	14.3	34.6

of respondents came from within a 50-mile radius of the area. The vast majority (excluding Overlook respondents) were from Pacific Coast States.

The main uses presented in the RMP were not confirmed for the ISRMA, but this finding might be the result of only selected sites used in this study (formal analysis was not used to determine how well selected sites represented the whole area in the ISRMA). The main uses in order of frequency were relaxing (highest ranked), sightseeing, hiking, photography, and mountain biking. Uses that were assumed by the RMP to be frequent showed lower numbers than anticipated: swimming (14 percent), shooting (5 percent), hunting (3 percent), gold panning (2 percent), horseback riding (0.5 percent) and hang gliding (0 percent).

The RMP also stated that visitation to the OHV area was statewide. However, those we contacted had traveled an average of 66 miles, and 89 percent were within a 50-mile radius of the area. Only 6 percent of the respondents were from out of the state or country. On the basis of these findings, visitation was by locals, contrary to the RMP.

Conflict between incompatible user groups was cited as a constant and increasing problem in the RMP. However, only 6 percent of the respondents in the survey mentioned experiencing conflict with someone outside of their group, and 56 percent of those linked it to incompatible user groups. Except for Keswick, which the team had to depart from on a number of occasions because of shooting, conflict at sites in the ISRMA was not as troublesome as reported in the RMP.

SRA

The RMP stated that recreation use would be heavy at the SRA. Number of people counted at each site ranged from 0 to 37, with an average of 2.341. The busiest site was Reading Island. Because "very heavy" and "heavy" were not operationalized in the RMP, this assumption was difficult to test. However, the number of respondents encountered during this study was much lower than expected by resource managers familiar with the SRA, an indication that while use may be frequent, it might not be as heavy as assumed.

The RMP also assumed that opportunities for recreation would attract tourists from throughout the region. Again, because of a lack of clear definition of region, this assumption was difficult to test. However, 66 percent of the respondents encountered were from within a 50-mile radius of the site, which is much lower than for the ISRMA as a whole. The average number of miles traveled within the SRA was 84, which is higher than the average for the ISRMA (excluding the Overlook). This assumption, then, was shown to be fairly accurate.

A seasonal concentration of use was anticipated based upon the RMP and was confirmed by the results of this study. Spring was the busiest season for the SRA.

Uses reported in the RMP were not well represented by the respondents contacted at the selected sites. Although fishing was confirmed as the primary activity for the SRA, relaxing, hiking, swimming, picnicking and canoeing showed up more than expected. Camping was only reported by 19 percent of the respondents, hunting by 13 percent, and motorized use by 11 percent. These numbers are uncharacteristic of major uses of an area. However, again the representativeness of the sites may have been part of the discrepancy between the results of the survey and the RMP.

It is important to recognize that very different findings can be derived when using on-site visitor surveys than when using traditional public input techniques. Findings only represent those respondents who were contacted on weekends, on the days and times when the selected sites were visited. However, as a source of information from unorganized stakeholders, surveys have a clear advantage over public meetings or other traditional techniques.

Discussion and Management Implications

Socio-demographic information on respondents and other pertinent characteristics were studied individually at ISRMA, Overlook, and SRA because of the geographic and site opportunity distinctions. At all three areas more males than females visited, and more than half of all respondents had at least some college education. Respondents were primarily in their forties and were mostly Anglo and English-speaking. The vast majority of respondents were U.S.-born. Household income was most likely to be between $20,000 and $69,999 for respondents at all three areas. Respondents were unlikely to report physical or mental challenges. Although the average miles traveled varied dramatically at each site, respondents at the ISRMA and SRA were usually within 10 to 15 miles of their residence. Most were on a day trip or staying at a local residence, and were recreating with family or friends. ISRMA and SRA respondents usually visited the areas on non-holiday weekends or weekdays, although the Overlook visitation was more evenly distributed among all day types.

Because visitors were fairly well educated and most read English, bilingual messages did not appear to be necessary. In addition, most visitors were local, so communication networks in the local area could be used. The Overlook was revealed as the location where tourism issues and communication efforts should be a management focus.

Areas varied on the main activities that respondents reportedly engaged in, with water sports being the most popular for the ISRMA, sightseeing the most

popular at the Overlook, and fishing the most popular at the SRA. The main trail use reported across all three areas was walking and/or jogging, although over one-third of the respondents at the Overlook did not use the area's roads and trails. Few indications of desired activities not presently available in the area were provided. At the ISRMA additional water sport activities were most likely, as well as at the Overlook and at the SRA.

Because respondents' choices of area activities were influenced by the range of activities available at the sites where data was collected, it was difficult to determine if respondents desired other activities. However, the results showed that water sports were the most popular activities engaged in at the ISRMA and the SRA and the most desired activity type, if additional recreational opportunities were offered.

Respondents at the ISRMA, Overlook, and SRA were most likely to find out about the area through family and/or friends. This finding has been duplicated at other sites in previous PSW/BLM case studies (Chavez and others 1993a, 1993b). However, in this study a greater variety of information sources was used by respondents at the Overlook. Respondents displayed a fairly strong interest in a variety of information types, although information regarding area rules and regulations was of the least interest. In later seasons respondents indicated a strong interest in receiving information about other sites like the ones they were visiting. New visitors clearly had a greater information interest. The most preferred modes of receiving information were through the use of brochures available on-site or through signage along the road.

These findings suggest that communication efforts of managers should be focused primarily on new visitors, since they have a greater need for information and a greater interest. Brochures and signs would be the preferred methods of information dissemination. Information regarding things to see and do, natural, cultural and historic features, and information about similar sites in the area could all be well-received by visitors.

Respondents most favored leaving the areas as they were and receiving more information about the area. Plans for additional facilities and additional access points in the areas did not receive strong support—all received fairly neutral responses. A question regarding planned land acquisitions showed that about half of the respondents to all three areas somewhat or strongly favored acquisitions, with 14 percent or less in opposition.

Thus, visitors seemed to like the areas as they were and wanted more information about the area. Additional land acquisitions and access points were not strongly supported, nor were they strongly opposed. Presentation of more specific land acquisition plans may have resulted in very different responses.

The majority of respondents at the ISRMA were in favor of development between Shasta and Keswick Dams, and between the Sacramento River and Clear Creek. Stronger support was indicated for development between the two dams. Respondents at the Overlook were most likely to indicate that they did not know if either area trail development should occur. Hiking, jogging, and biking trails were the most desired trail types, if additional trails were to be developed.

Scenery and esthetic features were the most liked aspects in all three areas where respondents were contacted, while amenities and facilities were rather unimportant in comparison. Thus, scenery should be maintained as much as possible. Few respondents had experienced conflict; but because the ISRMA had the highest percentage of conflict reported, managers should plan for this.

The majority of respondents to the sites were repeat visitors, although the Overlook was most likely to have repeat visitation. Between 5 and 15 years was the average number of years sites had been visited, and the Sacramento River Trail Bridge was the most frequented by repeat visitors during the preceding year of the study. The Sacramento River Trail included multiple trail users, such as bicyclists and pedestrians. These uses might create increasing conflict issues should the popularity of the trail increase. Highest ranked activities occurring at

each site matched the site activities available, with water-related activities frequently reported, except that the OHV area respondents preferred motorcycle/ATV/4-wheel drive activities- -an expected finding since this area is designed for these activities.

Although respondents previously indicated fairly strong agreement that the managing agency should not change the area and that amenities were not a very important factor in enjoyment of the area, they still indicated interest in addition or maintenance of some amenities. The amenity of greatest interest at all areas was running water, although clearly preferred more at some sites than others. Picnic tables were also of interest in several sites. Thus, only at those sites where a clear preference for an amenity was expressed, and where provision of that amenity is relatively easy, should managers develop the area.

Respondents are fairly satisfied with the sites, with the Overlook and Sacramento River Trail Bridge scoring the highest, and Ball's Ferry scoring the lowest. Those indicating dissatisfaction did not offer many suggestions for improvement, although at Ball's Ferry solutions related to boating uses were desired.

Knowledge of the managing agency at each site varied widely, and this was much better known at sites where mostly local repeat visitation occurred, and where there were readily visible signs.

Survey responses about site characteristics generally varied, depending on the type of site. Ratings of average satisfaction indicated that respondents with physical and mental challenges were fairly satisfied with the sites. With the exception of the Overlook, most respondents were locals. For all sites, conflict was most likely to be reported at Reading Island, the Sacramento River Trail Bridge, Ball's Ferry, and the Shasta OHV Area. The abandonment of Keswick as a data collection site because of threats of conflict is also important because it indicates the seriousness of conditions at the site. If these conflict issues are addressed by managers, visitors might expect continued recreational enjoyment at these sites.

More repeat visitors were seen at the ISRMA during all four seasons, although new visitors were most likely to visit during the summer and spring seasons. These seasonal variations in new and repeat visitation did not translate into significant differences in miles traveled within areas across seasons. Seasonal variations in visitor satisfaction varied significantly at Keswick and the Bend Bridge Fishing Access. Although seasonal variations in activities did occur, water sports continued to be the main activity reported within the three areas.

Conclusion

The findings of this survey of recreational visitors to the ISRMA, SRA, and Overlook confirmed only some assumptions from the RMP. Although the on-site survey was a different approach than the processes involved in assembling the RMP, it does show the importance of recognizing that usual public comment processes may not lead to the same conclusions as an on-site visitor survey. Visitors on-site are only one customer base, but this may be one of the more important customer bases to consider in developing a management strategy. Thus, a variety of public attitudes and preferences should be used to gain as much information as possible about visitor needs and preferences.

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Appendix A—Survey Instruments: Summer, Fall, Winter, and Spring

Summer Season

ISRA
GN#_____
FI _____
DT __/__/__

Dear Visitor,

Welcome to the area! We are conducting a brief survey to find out your opinions about recreating here. Participation is voluntary and takes about 10 minutes. Thanks for helping us with our research.

Sincerely,

Steve Dennis
Professor
CSUC

OHV Area
Overlook
Keswick
Sac Bridge

PLEASE READ EACH ITEM CAREFULLY AND MARK YOUR RESPONSE. COMPLETE ANSWERS ARE IMPORTANT.

1. Have you ever been to this site before?
   [ ] No
   [ ] Yes;
   About how many times in the past year? _____ (not including this trip)
   About how many years have you been coming here? ____ years

2. How often do you come here on…(Place an "X")

	Never	Sometimes	Frequently
non-holiday weekends	_____	_____	_____
three day, holiday weekends?	_____	_____	_____
weekdays that ARE NOT holidays?	_____	_____	_____
mid-week holidays?	_____	_____	_____
vacations?	_____	_____	_____

3. How do you <u>best</u> describe the group that you are with today?
   [ ] Friends
   [ ] Family
   [ ] Family and friends
   [ ] Organized group or club
   [ ] Alone
   [ ] Other (please describe)_____

4. In your visit to this area, have you experienced any problems with people outside your group?
   [ ] No
   [ ] Yes (please explain) _____
   _____
   _____

5. What activities do you usually participate in when visiting this site? (Check all those that apply)

[ ] Day Hiking	[ ] Gold Panning
[ ] Camping	[ ] Bird or Wildlife Watching
[ ] Backpacking	[ ] Sightseeing / Auto Touring
[ ] Photography	[ ] Collecting (berries, mushrooms)
[ ] Fishing	[ ] Picnicking
[ ] Mountain Biking	[ ] Pleasure Boating
[ ] Swimming	[ ] Rafting
[ ] Relaxing	[ ] Canoeing / Kayaking
[ ] Shooting	[ ] Sailing
[ ] Horseback Riding	[ ] Jet Skiing
[ ] Hang Gliding	[ ] ATV Riding
[ ] Motorcycle Riding	[ ] 4-Wheel Driving

   [ ] Hunting (please circle all that apply: duck, geese, quail, deer)
   [ ] Other (please specify) _____

6. Of those activities listed above, which is the PRIMARY activity you are enjoying today? _____

7. How do you presently use the **trails** and **roads** within the area? (Check all that apply)
   - [ ] Walking / Jogging
   - [ ] Bicycling
   - [ ] OHV Riding
   - [ ] Other: (specify) _____
   - [ ] Don't use these trails/roads

8. Should more trail development occur between the Shasta Dam and Keswick Dam?
   - [ ] Yes; What type of trail? _____
   - [ ] No
   - [ ] Don't know

9. Should more trail development occur between the Sacramento River and Clear Creek?
   - [ ] Yes; What type of trail? _____
   - [ ] No
   - [ ] Don't know

10. Which, if any of the following, are important amenities to either add or keep at this site?
    - [ ] pit toilets
    - [ ] portable toilets
    - [ ] flush toilets
    - [ ] running water
    - [ ] picnic tables
    - [ ] BBQ grills
    - [ ] pay telephone
    - [ ] information boards
    - [ ] other (specify) _____
    - [ ] don't change the area

11. What three things about this area do you like the most? _____
    _____
    _____

12. How satisfied or dissatisfied are you with this area?

I am….	Very Dissatisfied		Neutral		Very Satisfied
	1	2	3	4	5

13. If you indicated that you were dissatisfied with the area (circled 1 or 2 on Question 12), what could be done to make things better? _____
    _____
    _____

14. How did you first learn about this area? (Please check the ONE best response)
    - [ ] From friends or family
    - [ ] Brochure
    - [ ] Newspaper
    - [ ] Radio ad
    - [ ] T.V. ad
    - [ ] Map
    - [ ] From an Agency
    - [ ] Other (please specify)_____

15. How would you like to get information of interest to you?

	Dislike	Like
Brochure given at entrance	1	2
Ranger who stops by for visit	1	2
A radio broadcast	1	2
Notes on bulletin board	1	2
Signs along the road	1	2
Evening program at the information center	1	2

Other (please specify)_____

16. Who manages this area? (Please check)

[ ] Park Service
[ ] Forest Service
[ ] Bureau of Land Management
[ ] Bureau of Reclamation
[ ] County
[ ] Unmanaged by anyone
[ ] Unknown

17. The agency that manages this area should…
(Please indicate whether you agree or disagree with the following statements)

	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree
a. Leave things pretty much the way they are	1	2	3	4	5
b. Provide more information about the area	1	2	3	4	5
c. Provide additional access points	1	2	3	4	5
d. Enforce more rules and regulations	1	2	3	4	5
e. Provide more facilities in the area	1	2	3	4	5
f. Clean up the area	1	2	3	4	5
g. Limit access to the area	1	2	3	4	5

18. The Bureau of Land Management is working on land acquisitions/land exchanges to increase resource protection, access, and recreational opportunities. Which of the following statements represents your opinion? (Please circle the one you most closely agree with)

a. I have no opinion on these land acquisitions/land exchanges.
b. I somewhat favor these land acquisitions/land exchanges.
c. I strongly favor these land acquisitions/land exchanges.
d. I am somewhat against these land acquisitions/land exchanges.
e. I am strongly against these land acquisitions/land exchanges.

PLEASE ANSWER THE FOLLOWING ABOUT YOURSELF:

How old are you? _____ years

Gender: male [ ] female [ ]

How many years of education have you successfully completed? (Please circle)

Elementary School	Middle/High School	College	Post-Graduate
1 2 3 4 5 6	7 8 9 10 11 12	13 14 15 16	17 18 19 20 21+

What cultural group do you most closely identify with?

[ ] African American
[ ] American Indian
[ ] Anglo American
[ ] Central American
[ ] Chinese American
[ ] Filipino American
[ ] Hispanic American
[ ] Korean American
[ ] Mexican American
[ ] Vietnamese American
[ ] Other (please specify)_____

What language do you speak at home:
[ ] English [ ] Spanish [ ] other: _____

What language do you read most of the time:
[ ] English [ ] Spanish [ ] other:_____

Where were you born? (country)_____

I have lived in the United States: [ ] all my life; _____ years

Do you have any of the following impairments?

Hearing impaired	[ ] yes	[ ] no
Visually impaired	[ ] yes	[ ] no
Mobility impaired	[ ] yes	[ ] no
Mentally or learning impaired	[ ] yes	[ ] no

What city and state do you live in? (city) _____
(state) _____

Where are you staying?
[ ] This is just a day trip [ ] At a local residence
[ ] At a local campground (specify) _____
[ ] At a local hotel or lodge (which city?) _____

Approximately how far did you travel to get to this area (one-way)?
_____ miles

Where is the vehicle (car/truck) parked that you used to get to this area?
[ ] at this area
[ ] at another area (please specify where) _____

What is your annual household income (before taxes)?
[ ] $0 - $9,999
[ ] $10,000 - $19,999
[ ] $20,000 - $29,999
[ ] $30,000 - $39,999
[ ] $40,000 - $49,000
[ ] $50,000 - $59,999
[ ] $60,000 - $69,999
[ ] $70,000 - $79,999
[ ] $80,000 - $89,999
[ ] $90,000 or more

Is there anything else you would like us to know about your visit here?

THANK YOU!

Summer Season

SRA
GN#_____
FI _____
DT __/__/__

Dear Visitor,

Welcome to the area! We are conducting a brief survey to find out your opinions about recreating here. Participation is voluntary and takes about 10 minutes. Thanks for helping us with our research.

Sincerely,

Steve Dennis
Professor
CSUC

Bend
Paynes
Perry
Jellys Ferry
Bloody Island
Reading

PLEASE READ EACH ITEM CAREFULLY AND MARK YOUR RESPONSE. COMPLETE ANSWERS ARE IMPORTANT.

1. Have you ever been to this site before?
   [ ] No
   [ ] Yes;
   About how many times in the past year? _____ (not including this trip)
   About how many years have you been coming here? ____ years

2. How often do you come here on…(Place an "X")

	Never	Sometimes	Frequently
non-holiday weekends	_____	_____	_____
three day, holiday weekends?	_____	_____	_____
weekdays that ARE NOT holidays?	_____	_____	_____
mid-week holidays?	_____	_____	_____
vacations?	_____	_____	_____

3. How do you <u>best</u> describe the group that you are with today?
   [ ] Friends
   [ ] Family
   [ ] Family and friends
   [ ] Organized group or club
   [ ] Alone
   [ ] Other (please describe)_____

4. In your visit to this area, have you experienced any problems with people outside your group?
   [ ] No
   [ ] Yes (please explain) _____
   _____
   _____

5. What activities do you usually participate in when visiting this site? (Check all those that apply)

[ ] Day Hiking	[ ] Gold Panning
[ ] Camping	[ ] Bird or Wildlife Watching
[ ] Backpacking	[ ] Sightseeing / Auto Touring
[ ] Photography	[ ] Collecting (berries, mushrooms)
[ ] Fishing	[ ] Picnicking
[ ] Mountain Biking	[ ] Pleasure Boating
[ ] Swimming	[ ] Rafting
[ ] Relaxing	[ ] Canoeing / Kayaking
[ ] Shooting	[ ] Sailing
[ ] Horseback Riding	[ ] Jet Skiing
[ ] Hang Gliding	[ ] ATV Riding
[ ] Motorcycle Riding	[ ] 4-Wheel Driving

   [ ] Hunting (please circle all that apply: duck, geese, quail, deer)
   [ ] Other (please specify) _____

6. Of those activities listed above, which is the PRIMARY activity you are enjoying today? _____

7. How do you presently use the **trails** and **roads** within the area?
(Check all that apply)

[ ] Walking / Jogging
[ ] Bicycling
[ ] OHV Riding
[ ] Other: (specify) _____
[ ] Don't use these trails/roads

8. Which, if any of the following, are important amenities to either add or keep at this site?

[ ] pit toilets
[ ] portable toilets
[ ] flush toilets
[ ] running water
[ ] picnic tables
[ ] BBQ grills
[ ] pay telephone
[ ] information boards
[ ] other (specify) _____
[ ] don't change the area

9. What three things about this area do you like the most?

_____
_____
_____

10. How satisfied or dissatisfied are you with this area?

I am….	Very Dissatisfied		Neutral		Very Satisfied
	1	2	3	4	5

11. If you indicated that you were dissatisfied with the area (circled 1 or 2 on Question 10), what could be done to make things better? _____
_____
_____

12. How did you first learn about this area? (Please check the ONE best response)

[ ] From friends or family
[ ] Brochure
[ ] Newspaper
[ ] Radio ad
[ ] T.V. ad
[ ] Map
[ ] From an Agency
[ ] Other (please specify)_____

13. How would you like to get information of interest to you?

	Dislike	Like
Brochure given at entrance	1	2
Ranger who stops by for visit	1	2
A radio broadcast	1	2
Notes on bulletin board	1	2
Signs along the road	1	2
Evening program at the information center	1	2

Other (please specify)_____

14. Who manages this area? (Please check)

[ ] Park Service
[ ] Forest Service
[ ] Bureau of Land Management
[ ] Bureau of Reclamation
[ ] County
[ ] Unmanaged by anyone
[ ] Unknown

15. The agency that manages this area should...
(Please indicate whether you agree or disagree with the following statements)

	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree
a. Leave things pretty much the way they are	1	2	3	4	5
b. Provide more information about the area	1	2	3	4	5
c. Provide additional access points	1	2	3	4	5
d. Enforce more rules and regulations	1	2	3	4	5
e. Provide more facilities in the area	1	2	3	4	5
f. Clean up the area	1	2	3	4	5
g. Limit access to the area	1	2	3	4	5

16. The Bureau of Land Management is working on land acquisitions/land exchanges to increase resource protection, access, and recreational opportunities. Which of the following statements represents your opinion? (Please circle the one you most closely agree with)

a. I have no opinion on these land acquisitions/land exchanges.
b. I somewhat favor these land acquisitions/land exchanges.
c. I strongly favor these land acquisitions/land exchanges.
d. I am somewhat against these land acquisitions/land exchanges.
e. I am strongly against these land acquisitions/land exchanges.

PLEASE ANSWER THE FOLLOWING ABOUT YOURSELF:

How old are you? _____ years

Gender: male [ ] female [ ]

How many years of education have you successfully completed? (Please circle)

Elementary School	Middle/High School	College	Post-Graduate
1 2 3 4 5 6	7 8 9 10 11 12	13 14 15 16	17 18 19 20 21+

What cultural group do you most closely identify with?

[ ] African American
[ ] American Indian
[ ] Anglo American
[ ] Central American
[ ] Chinese American
[ ] Filipino American
[ ] Hispanic American
[ ] Korean American
[ ] Mexican American
[ ] Vietnamese American
[ ] Other (please specify)_____

What language do you speak at home?
[ ] English [ ] Spanish [ ] other: _____

What language do you read most of the time?
[ ] English [ ] Spanish [ ] other:_____

Where were you born? (country)_____

I have lived in the United States: [ ] all my life; _____ years

Do you have any of the following impairments?

Hearing impaired	[ ] yes	[ ] no
Visually impaired	[ ] yes	[ ] no
Mobility impaired	[ ] yes	[ ] no
Mentally or learning impaired	[ ] yes	[ ] no

What city and state do you live in? (city) _____
(state) _____

Where are you staying?
[ ] This is just a day trip [ ] At a local residence
[ ] At a local campground (specify) _____
[ ] At a local hotel or lodge (which city?) _____

Approximately how far did you travel to get to this area (one-way)?
_____ miles

Where is the vehicle (car/truck) parked that you used to get to this area?
[ ] at this area
[ ] at another area (please specify where) _____

What is your annual household income (before taxes)?

[ ] $0 - $9,999	[ ] $50,000 - $59,999
[ ] $10,000 - $19,999	[ ] $60,000 - $69,999
[ ] $20,000 - $29,999	[ ] $70,000 - $79,999
[ ] $30,000 - $39,999	[ ] $80,000 - $89,999
[ ] $40,000 - $49,000	[ ] $90,000 or more

Is there anything else you would like us to know about your visit here?

THANK YOU!

Fall Season

ISRA
GN#_____
FI _____
DT __/__/__

Dear Visitor,

Welcome to the area! We are conducting a brief survey to find out your opinions about recreating here. Participation is voluntary and takes about 15 minutes. Thanks for helping us with our research.

Sincerely,
Steve Dennis
Professor
CSUC

OHV Area
Overlook
Keswick
Sac. Bridge

PLEASE READ EACH ITEM CAREFULLY AND MARK YOUR RESPONSE. COMPLETE ANSWERS ARE IMPORTANT. THESE FIRST QUESTIONS PERTAIN TO THE PARTICULAR SITE YOU ARE AT RIGHT NOW:

1. Have you ever been to this site before?
   [ ] No
   [ ] Yes;
   About how many times in the past year? _____ (not including this trip)
   About how many years have you been coming here? ____ years

2. What activities do you usually participate in when visiting this site? (Check all that apply)

[ ] Day Hiking	[ ] Gold Panning
[ ] Camping	[ ] Bird or Wildlife Watching
[ ] Backpacking	[ ] Sightseeing/Auto Touring
[ ] Photography	[ ] Collecting (berries, mushrooms)
[ ] Fishing	[ ] Picnicking
[ ] Mountain Biking	[ ] Pleasure Boating
[ ] Swimming	[ ] Rafting
[ ] Relaxing	[ ] Canoeing / Kayaking
[ ] Shooting	[ ] Sailing
[ ] Horseback Riding	[ ] Jet Skiing
[ ] Hang Gliding	[ ] ATV Riding
[ ] Motorcycle Riding	[ ] 4-Wheel Driving

   [ ] Hunting (please circle all that apply: duck, geese, quail, deer)
   [ ] Other (please specify) _____

3. Of those activities listed above, which is the PRIMARY activity you are enjoying here today? _____

4. Which, if any of the following, are important amenities to either add or keep at this site?

[ ] pit toilets	[ ] picnic tables
[ ] portable toilets	[ ] BBQ grills
[ ] flush toilets	[ ] pay telephone
[ ] running water	[ ] information boards

   [ ] other (specify) _____
   [ ] don't change the area

5. How satisfied or dissatisfied are you with this site?

I am….	Very Dissatisfied		Neutral		Very Satisfied
	1	2	3	4	5

6. If you indicated that you were dissatisfied with the site (circled 1 or 2 on Question 5), what could be done to make things better? _____
   _____
   _____

7. Who manages this site? (Please check)
   [ ] Park Service
   [ ] Forest Service
   [ ] Bureau of Land Management
   [ ] Bureau of Reclamation
   [ ] County
   [ ] Unmanaged by anyone
   [ ] Unknown

THESE QUESTIONS ARE ABOUT THE GENERAL INTERLAKES SPECIAL RECREATION AREA:

8. How often do you come here on… (Place an "X")

	Never	Sometimes	Frequently
non-holiday weekends	_____	_____	_____
three day, holiday weekends?	_____	_____	_____
weekdays that ARE NOT holidays?	_____	_____	_____
mid-week holidays?	_____	_____	_____
vacations?	_____	_____	_____

9A. What three main activities do you usually participate in when visiting the Interlakes Special Recreation Area?

_____
_____
_____

9B. What activities would you like to participate in that are not available in this area now?_____
_____
_____

10. How do you presently use the **trails** and **roads** within the area? (Check all that apply)

[ ] Walking / Jogging
[ ] Bicycling
[ ] OHV Riding
[ ] Other: (specify) _____
[ ] Don't use these trails/roads

11. Should more trail development occur between the Shasta Dam and Keswick Dam?

[ ] Yes; What type of trail? _____
[ ] No
[ ] Don't know

12. Should more trail development occur between the Sacramento River and Clear Creek?

[ ] Yes; What type of trail? _____
[ ] No
[ ] Don't know

13. What three things about this area do you like the most?

_____
_____
_____

14. How do you best describe the group that you are with today?

[ ] Friends
[ ] Family
[ ] Family and friends
[ ] Organized group or club
[ ] Alone
[ ] Other (please describe) _____

15. In your visit to this area have you experienced any problems with people outside your group?

[ ] No
[ ] Yes (please explain) _____
_____

16. How did you first learn about this area? (Please check the ONE best response)

[ ] From friends or family
[ ] Brochure
[ ] Newspaper
[ ] Radio ad
[ ] T.V. ad
[ ] Map
[ ] From an Agency
[ ] Other (please specify) _____

17. How would you like to get information of interest to you?

	Dislike	Like
Brochure given at entrance	1	2
Ranger who stops by for visit	1	2
A radio broadcast	1	2
Notes on bulletin board	1	2
Signs along the road	1	2
Evening program at the information center	1	2

Other (please specify)_____

18. What type(s) of information would you like to have about this site/area?

[ ] Information about things to see and do
[ ] Information about natural features (e.g., plants/wildlife)
[ ] Information about cultural and historic features of the area
[ ] Information about the area's rules and regulations
[ ] Other (please specify) _____

19. The agency that manages this area should…
(Please indicate whether you agree or disagree with the following statements)

	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree
a. Leave things pretty much the way they are	1	2	3	4	5
b. Provide more information about the area	1	2	3	4	5
c. Provide additional access points	1	2	3	4	5
d. Enforce more rules and regulations	1	2	3	4	5
e. Provide more facilities in the area	1	2	3	4	5
f. Clean up the area	1	2	3	4	5
g. Limit access to the area	1	2	3	4	5

20. The Bureau of Land Management is working on land acquisitions/land exchanges to increase resource protection, access, and recreational opportunities. Which of the following statements represents your opinion? (Please circle the one you most closely agree with)

a. I have no opinion on these land acquisitions/land exchanges.
b. I somewhat favor these land acquisitions/land exchanges.
c. I strongly favor these land acquisitions/land exchanges.
d. I am somewhat against these land acquisitions/land exchanges.
e. I am strongly against these land acquisitions/land exchanges.

PLEASE ANSWER THE FOLLOWING ABOUT YOURSELF:

How old are you? _____ years

Gender: male [ ] female [ ]

How many years of education have you successfully completed? (Please circle)

Elementary School	Middle/High School	College	Post-Graduate
1 2 3 4 5 6	7 8 9 10 11 12	13 14 15 16	17 18 19 20 21+

What cultural group do you most closely identify with?
[ ] African American [ ] Filipino American
[ ] American Indian [ ] Hispanic American
[ ] Anglo American [ ] Korean American
[ ] Central American [ ] Mexican American
[ ] Chinese American [ ] Vietnamese American
[ ] Other (please specify)_____

What language do you speak at home?
[ ] English [ ] Spanish [ ] other: _____

What language do you read most of the time?
[ ] English [ ] Spanish [ ] other:_____

What country were you born in? (specify)_____

I have lived in the United States: [ ] all my life; _____ years

Do you have any of the following impairments?

Hearing impaired	[ ] yes	[ ] no
Visually impaired	[ ] yes	[ ] no
Mobility impaired	[ ] yes	[ ] no
Mentally or learning impaired	[ ] yes	[ ] no

What city and state do you live in? (city) _____
(state) _____

Where are you staying?
[ ] This is just a day trip [ ] At a local residence
[ ] At a local campground (specify) _____
[ ] At a local hotel or lodge (which city?) _____

Approximately how far did you travel to get to this area (one-way)?
_____ miles

Is your travel to this site today part of a longer journey?
[ ] No, I was headed for this area only
[ ] Yes;
If yes, where is your ultimate destination? _____

Where is the vehicle (car/truck) parked that you used to get to this area?
[ ] At this site
[ ] Somewhere else (please specify where) _____

What is your annual household income (before taxes)?

[ ] $0 - $9,999	[ ] $50,000 - $59,999
[ ] $10,000 - $19,999	[ ] $60,000 - $69,999
[ ] $20,000 - $29,999	[ ] $70,000 - $79,999
[ ] $30,000 - $39,999	[ ] $80,000 - $89,999
[ ] $40,000 - $49,000	[ ] $90,000 or more

Is there anything else you would like us to know about your visit here?

THANK YOU!

Fall Season

SRA
GN#_____
FI _____
DT __/__/__

Dear Visitor,

Welcome to the area! We are conducting a brief survey to find out your opinions about recreating here. Participation is voluntary and takes about 15 minutes. Thanks for helping us with our research.

Sincerely,

Steve Dennis
Professor
CSUC

Bend
Paynes
Perry
Jellys
Reading
Ball's Ferry

PLEASE READ EACH ITEM CAREFULLY AND MARK YOUR RESPONSE. COMPLETE ANSWERS ARE IMPORTANT. THESE FIRST QUESTIONS PERTAIN TO THE PARTICULAR SITE YOU ARE AT RIGHT NOW:

1. Have you ever been to this site before?
   [ ] No
   [ ] Yes;
   About how many times in the past year? _____ (not including this trip)
   About how many years have you been coming here? ____ years

2. What activities do you usually participate in when visiting this site? (Check all that apply)

[ ] Day Hiking	[ ] Gold Panning
[ ] Camping	[ ] Bird or Wildlife Watching
[ ] Backpacking	[ ] Sightseeing / Auto Touring
[ ] Photography	[ ] Collecting (berries, mushrooms)
[ ] Fishing	[ ] Picnicking
[ ] Mountain Biking	[ ] Pleasure Boating
[ ] Swimming	[ ] Rafting
[ ] Relaxing	[ ] Canoeing / Kayaking
[ ] Shooting	[ ] Sailing
[ ] Horseback Riding	[ ] Jet Skiing
[ ] Hang Gliding	[ ] ATV Riding
[ ] Motorcycle Riding	[ ] 4-Wheel Driving

   [ ] Hunting (please circle all that apply: duck, geese, quail, deer)
   [ ] Other (please specify) _____

3. Of those activities listed above, which is the PRIMARY activity you are enjoying here today? _____

4. Which, if any of the following, are important amenities to either add or keep at this site?

[ ] pit toilets	[ ] picnic tables
[ ] portable toilets	[ ] BBQ grills
[ ] flush toilets	[ ] pay telephone
[ ] running water	[ ] information boards

   [ ] other (specify) _____
   [ ] don't change the area

5. How satisfied or dissatisfied are you with this site?

I am….	Very Dissatisfied		Neutral		Very Satisfied
	1	2	3	4	5

6. If you indicated that you were dissatisfied with the site (circled 1 or 2 on Question 5), what could be done to make things better? _____
   _____
   _____

7. Who manages this site? (Please check)
   [ ] Park Service
   [ ] Forest Service
   [ ] Bureau of Land Management
   [ ] Bureau of Reclamation
   [ ] County
   [ ] Unmanaged by anyone
   [ ] Unknown

THESE QUESTIONS ARE ABOUT THE GENERAL SACRAMENTO RIVER RECREATION AREA:

8. How often do you come here on… (Place an "X")

	Never	Sometimes	Frequently
non-holiday weekends	_____	_____	_____
three day, holiday weekends?	_____	_____	_____
weekdays that ARE NOT holidays?	_____	_____	_____
mid-week holidays?	_____	_____	_____
vacations?	_____	_____	_____

9A. What three main activities do you usually participate in when visiting the Sacramento River Recreation Area?

_____
_____
_____

9B. What activities would you like to participate in that are not available in this area now?

_____
_____
_____

10. How do you presently use the **trails** and **roads** within the area? (Check all that apply)

[ ] Walking / Jogging
[ ] Bicycling
[ ] OHV Riding
[ ] Other: (specify)
[ ] Don't use these trails/roads

11. What three things about this area do you like the most?

_____
_____
_____

12. How do you best describe the group that you are with today?

[ ] Friends
[ ] Family
[ ] Family and friends
[ ] Organized group or club
[ ] Alone
[ ] Other (please describe) _____

13. In your visit to this area have you experienced any problems with people outside your group?

[ ] No
[ ] Yes (please explain) _____
_____

14. How did you first learn about this area? (Please check the ONE best response)

[ ] From friends or family
[ ] Brochure
[ ] Newspaper
[ ] Radio ad
[ ] T.V. ad
[ ] Map
[ ] From an Agency
[ ] Other (please specify) _____

15. How would you like to get information of interest to you?

	Dislike	Like
Brochure given at entrance	1	2
Ranger who stops by for visit	1	2
A radio broadcast	1	2
Notes on bulletin board	1	2
Signs along the road	1	2
Evening program at the information center	1	2

Other (please specify)_____

16. What type(s) of information would you like to have about this site/area?

[ ] Information about things to see and do
[ ] Information about natural features (e.g., plants/wildlife)
[ ] Information about cultural and historic features of the area
[ ] Information about the area's rules and regulations
[ ] Other (please specify) _____

17. The agency that manages this area should…
(Please indicate whether you agree or disagree with the following statements)

	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree
a. Leave things pretty much the way they are	1	2	3	4	5
b. Provide more information about the area	1	2	3	4	5
c. Provide additional access points	1	2	3	4	5
d. Enforce more rules and regulations	1	2	3	4	5
e. Provide more facilities in the area	1	2	3	4	5
f. Clean up the area	1	2	3	4	5
g. Limit access to the area	1	2	3	4	5

18. The Bureau of Land Management is working on land acquisitions/land exchanges to increase resource protection, access, and recreational opportunities. Which of the following statements represents your opinion? (Please circle the one you most closely agree with)

a. I have no opinion on these land acquisitions/land exchanges.
b. I somewhat favor these land acquisitions/land exchanges.
c. I strongly favor these land acquisitions/land exchanges.
d. I am somewhat against these land acquisitions/land exchanges.
e. I am strongly against these land acquisitions/land exchanges.

PLEASE ANSWER THE FOLLOWING ABOUT YOURSELF:

How old are you? _____ years

Gender: male [ ] female [ ]

How many years of education have you successfully completed? (Please circle)

Elementary School	Middle/High School	College	Post-Graduate
1 2 3 4 5 6	7 8 9 10 11 12	13 14 15 16	17 18 19 20 21+

What cultural group do you most closely identify with?

[ ] African American
[ ] American Indian
[ ] Anglo American
[ ] Central American
[ ] Chinese American
[ ] Filipino American
[ ] Hispanic American
[ ] Korean American
[ ] Mexican American
[ ] Vietnamese American
[ ] Other (please specify)_____

What language do you speak at home?

[ ] English [ ] Spanish [ ] other: _____

What language do you read most of the time?

[ ] English [ ] Spanish [ ] other:_____

What country were you born in? (specify)_____

I have lived in the United States: [ ] all my life; _____ years

Do you have any of the following impairments?

Hearing impaired	[ ] yes	[ ] no
Visually impaired	[ ] yes	[ ] no
Mobility impaired	[ ] yes	[ ] no
Mentally or learning impaired	[ ] yes	[ ] no

What city and state do you live in? (city) _____
(state) _____

Where are you staying?

[ ] This is just a day trip
[ ] At a local residence
[ ] At a local campground (specify) _____
[ ] At a local hotel or lodge (which city?) _____

Approximately how far did you travel to get to this area (one-way)?
_____ miles

Is your travel to this site today part of a longer journey?

[ ] No, I was headed for this area only
[ ] Yes;
If yes, where is your ultimate destination?_____

Where is the vehicle (car/truck) parked that you used to get to this area?

[ ] At this site
[ ] Somewhere else (please specify where) _____

What is your annual household income (before taxes)?

[ ] $0 - $9,999
[ ] $10,000 - $19,999
[ ] $20,000 - $29,999
[ ] $30,000 - $39,999
[ ] $40,000 - $49,000
[ ] $50,000 - $59,999
[ ] $60,000 - $69,999
[ ] $70,000 - $79,999
[ ] $80,000 - $89,999
[ ] $90,000 or more

Is there anything else you would like us to know about your visit here?

THANK YOU!

Winter and Spring Seasons

ISRA
GN#_____
FI _____
DT __/__/__

Dear Visitor,

Welcome to the area! We are conducting a brief survey to find out your opinions about recreating here. Participation is voluntary and takes about 15 minutes. Thanks for helping us with our research.

Sincerely,

Steve Dennis
Professor
CSUC

OHV Area
Keswick
Sac. Bridge
Sac. Trail

PLEASE READ EACH ITEM CAREFULLY AND MARK YOUR RESPONSE. COMPLETE ANSWERS ARE IMPORTANT. THESE FIRST QUESTIONS PERTAIN TO THE PARTICULAR SITE YOU ARE AT RIGHT NOW:

1. Have you ever been to this site before?
   [ ] No
   [ ] Yes;
   About how many times in the past year? _____ (not including this trip)
   About how many years have you been coming here? ____ years

2. What activities do you usually participate in when visiting this site? (Check all that apply)

[ ] Day Hiking	[ ] Gold Panning
[ ] Camping	[ ] Bird or Wildlife Watching
[ ] Backpacking	[ ] Sightseeing / Auto Touring
[ ] Photography	[ ] Collecting (berries, mushrooms)
[ ] Fishing	[ ] Picnicking
[ ] Mountain Biking	[ ] Pleasure Boating
[ ] Swimming	[ ] Rafting
[ ] Relaxing	[ ] Canoeing / Kayaking
[ ] Shooting	[ ] Sailing
[ ] Horseback Riding	[ ] Jet Skiing
[ ] Hang Gliding	[ ] ATV Riding
[ ] Motorcycle Riding	[ ] 4-Wheel Driving

   [ ] Hunting (please circle all that apply: duck, geese, quail, deer)
   [ ] Other (please specify) _____

3. Of those activities listed above, which is the PRIMARY activity you are enjoying here today? _____

4. Which, if any of the following, are important amenities to either add or keep at this site?

[ ] pit toilets	[ ] picnic tables
[ ] portable toilets	[ ] BBQ grills
[ ] flush toilets	[ ] pay telephone
[ ] running water	[ ] information boards
[ ] trash cans	[ ] artificial shade
[ ] natural shade	[ ] **don't change the area**

   [ ] other (specify) _____

5. How satisfied or dissatisfied are you with this site?

I am….	Very Dissatisfied		Neutral		Very Satisfied
	1	2	3	4	5

6. If you indicated that you were dissatisfied with the site (circled 1 or 2 on Question 5), what could be done to make things better? _____
   _____
   _____

7. Who manages this site? (Please check)
   [ ] Park Service
   [ ] Forest Service
   [ ] Bureau of Land Management
   [ ] Bureau of Reclamation
   [ ] County
   [ ] City
   [ ] Unmanaged by anyone [ ] Unknown

THESE QUESTIONS ARE ABOUT THE GENERAL INTERLAKES SPECIAL RECREATION AREA:

8. How often do you come here on… (Place an "X")

	Never	Sometimes	Frequently
non-holiday weekends	_____	_____	_____
three day, holiday weekends?	_____	_____	_____
weekdays that ARE NOT holidays?	_____	_____	_____
mid-week holidays?	_____	_____	_____
vacations?	_____	_____	_____

9A. What three main activities do you usually participate in when visiting the Interlakes Special Recreation Area?

_____
_____
_____

9B. What activities would you like to participate in that are not available in this area now?

_____
_____
_____

10. How do you presently use the **trails** and **roads** within the area? (Check all that apply)

[ ] Walking / Jogging
[ ] Bicycling
[ ] OHV Riding
[ ] Other: (specify)_____
[ ] Don't use these trails / roads

11. Should more trail development occur between the Shasta Dam and Keswick Dam?

[ ] Yes; What type of trail? _____
[ ] No
[ ] Don't know

12. Should more trail development occur between the Sacramento River and Clear Creek?

[ ] Yes; What type of trail? _____
[ ] No
[ ] Don't know

13. What three things about this area do you like the most?

_____
_____
_____

14. How do you best describe the group that you are with today?

[ ] Friends
[ ] Family
[ ] Family and friends
[ ] Organized group or club
[ ] Alone
[ ] Other (please describe) _____

15. In your visit to this area have you experienced any problems with people outside your group?

[ ] No
[ ] Yes (please explain) _____
_____
_____

16. How did you first learn about this area? (Please check the ONE best response)

[ ] From friends or family
[ ] Brochure
[ ] Newspaper
[ ] Radio ad
[ ] T.V. ad
[ ] Map
[ ] From an Agency (e.g., information center)
[ ] Other (please specify) _____

17. How would you like to get information of interest to you?

	Dislike	Like
Brochure given at entrance	1	2
Ranger who stops by for visit	1	2
A radio broadcast	1	2
Information kiosk at site	1	2
Signs along the road	1	2
Evening program at the information center	1	2

Other (please specify)_____

18. What type(s) of information would you like to have about this site/area?

[ ] Information about things to see and do
[ ] Information about natural features (e.g., plants/wildlife)
[ ] Information about cultural and historic features of the area
[ ] Information about the area's rules and regulations
[ ] Information about area trails (e.g., on maps)
[ ] Information about other sites like this one
[ ] Other (please specify) _____

19. The agency that manages this area should…
(Please indicate whether you agree or disagree with the following statements)

	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree
a. Leave things pretty much the way they are	1	2	3	4	5
b. Provide more information about the area	1	2	3	4	5
c. Provide more access points	1	2	3	4	5
d. Enforce more rules and regulations	1	2	3	4	5
e. Provide more facilities	1	2	3	4	5
f. Clean up the area	1	2	3	4	5
g. Limit access to the area	1	2	3	4	5

20. The Bureau of Land Management is working on land acquisitions/land exchanges to increase resource protection, access, and recreational opportunities. Which of the following statements represents your opinion? (Please circle the one you most closely agree with)
    a. I have no opinion on these land acquisitions/land exchanges.
    b. I somewhat favor these land acquisitions/land exchanges.
    c. I strongly favor these land acquisitions/land exchanges.
    d. I am somewhat against these land acquisitions/land exchanges.
    e. I am strongly against these land acquisitions/land exchanges.

PLEASE ANSWER THE FOLLOWING ABOUT YOURSELF:

How old are you? _____ years

Gender: male [ ] female [ ]

How many years of education have you successfully completed? (Please circle)

Elementary School	Middle/High School	College	Post-Graduate
1 2 3 4 5 6	7 8 9 10 11 12	13 14 15 16	17 18 19 20 21+

What cultural group do you most closely identify with?
[ ] African American [ ] Filipino American
[ ] American Indian [ ] Hispanic American
[ ] Anglo American [ ] Korean American
[ ] Central American [ ] Mexican American
[ ] Chinese American [ ] Vietnamese American
[ ] Other (please specify)_____

What language do you speak at home?
[ ] English [ ] Spanish [ ] other: _____

What language do you read most of the time?
[ ] English [ ] Spanish [ ] other:_____

What country were you born in? (specify) _____

I have lived in the United States: [ ] all my life; _____ years

Do you have any of the following impairments?

Hearing impaired	[ ] yes	[ ] no
Visually impaired	[ ] yes	[ ] no
Mobility impaired	[ ] yes	[ ] no
Mentally or learning impaired	[ ] yes	[ ] no

What city and state do you live in? (city) _____
(state) _____

Where are you staying?
[ ] This is just a day trip [ ] At a local residence
[ ] At a local campground (specify) _____
[ ] At a local hotel or lodge (which city?) _____

Approximately how far did you travel to get to this area (one-way)?
_____ miles

Is your travel to this site today part of a longer journey?
[ ] No, I was headed for this area only
[ ] Yes;
If yes, where is your ultimate destination? _____

Where is the vehicle (car/truck) parked that you used to get to this area?
[ ] At this site
[ ] Somewhere else (please specify where) _____

What is your annual household income (before taxes)?

[ ] $0 - $9,999	[ ] $50,000 - $59,999
[ ] $10,000 - $19,999	[ ] $60,000 - $69,999
[ ] $20,000 - $29,999	[ ] $70,000 - $79,999
[ ] $30,000 - $39,999	[ ] $80,000 - $89,999
[ ] $40,000 - $49,000	[ ] $90,000 or more

Is there anything else you would like us to know about your visit here?

THANK YOU!

Winter and Spring Seasons

ISRA
GN#_____
FI _____
DT __/__/__

Dear Visitor,

Welcome to the Shasta Overlook! We are conducting a brief survey to find out your opinions about recreating here. Participation is voluntary and takes about 10 minutes. Thanks for helping us with our research.

Sincerely,

Steve Dennis
Professor
CSUC

Overlook

PLEASE READ EACH ITEM CAREFULLY AND MARK YOUR RESPONSE. COMPLETE ANSWERS ARE IMPORTANT. THESE FIRST QUESTIONS PERTAIN TO THIS SHASTA OVERLOOK:

1. Have you ever been to this site before?
   [ ] No
   [ ] Yes;
   About how many times in the past year? _____ (not including this trip)
   About how many years have you been coming here? ____ years

2. Which, if any of the following, are important amenities to either add or keep at this site?
   [ ] picnic tables [ ] pay telephone
   [ ] running water [ ] information boards
   [ ] trash cans
   [ ] other (specify) _____
   [ ] don't change the site

3. How satisfied or dissatisfied are you with this site?

I am….	Very Dissatisfied		Neutral		Very Satisfied
	1	2	3	4	5

4. If you indicated that you were dissatisfied with the site (circled 1 or 2 on Question 5), what could be done to make things better?_____
   _____
   _____

THESE QUESTIONS ARE ABOUT THE GENERAL INTERLAKES SPECIAL RECREATION AREA: *If This is Your First Visit to the Interlakes Area, skip to question 10 and continue.

5. How often do you come here on… (Place an "X")

	Never	Sometimes	Frequently
non-holiday weekends	_____	_____	_____
three day, holiday weekends?	_____	_____	_____
weekdays that ARE NOT holidays?	_____	_____	_____
mid-week holidays?	_____	_____	_____
vacations?	_____	_____	_____

6A. What three main activities do you usually participate in when visiting the Interlakes Special Recreation Area?
   _____
   _____
   _____

6B. What activities would you like to participate in that are not available in this area now?
   _____
   _____
   _____

7. How do you presently use the **trails** and **roads** within the area?
(Check all that apply)

[ ] Walking / Jogging
[ ] Bicycling
[ ] OHV Riding
[ ] Other: (specify) _____
[ ] Don't use these trails / roads

8. Should more trail development occur between the Shasta Dam and Keswick Dam?

[ ] Yes; What type of trail? _____
[ ] No
[ ] Don't know

9. Should more trail development occur between the Sacramento River and Clear Creek?

[ ] Yes; What type of trail? _____
[ ] No
[ ] Don't know

(First-Time Visitors Begin Again Here…)

10. What three things about this area do you like the most?

_____
_____
_____

11. How do you best describe the group that you are with today?

[ ] Friends
[ ] Family
[ ] Family and friends
[ ] Organized group or club
[ ] Alone
[ ] Other (please describe) _____

12. How did you first learn about this area? (Please check the ONE best response)

[ ] From friends or family
[ ] Brochure
[ ] Newspaper
[ ] Radio ad
[ ] T.V. ad
[ ] Map
[ ] From an Agency (e.g., information center)
[ ] Other (please specify) _____

13. How would you like to get information of interest to you?

	Dislike	Like
Brochure available at site	1	2
A radio broadcast	1	2
Information kiosk at site	1	2
Signs along the road	1	2
Other (please specify)_____		

14. What type(s) of information would you like to have about this site/area?

[ ] Information about things to see and do
[ ] Information about natural features (e.g., plants/wildlife)
[ ] Information about cultural and historic features of the area
[ ] Information about the area's rules and regulations
[ ] Information about area trails (e.g., on maps)
[ ] Information about other sites like this one
[ ] Other (please specify) _____

15. The agency that manages this area should…
(Please indicate whether you agree or disagree with the following statements)

	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree
a. Leave things pretty much the way they are	1	2	3	4	5
b. Provide more information about the area	1	2	3	4	5
c. Provide more access points	1	2	3	4	5
d. Enforce more rules and regulations	1	2	3	4	5
e. Provide more facilities	1	2	3	4	5
f. Clean up the area	1	2	3	4	5
g. Limit access to the area	1	2	3	4	5

16. The Bureau of Land Management is working on land acquisitions/land exchanges to increase resource protection, access, and recreational opportunities. Which of the following statements represents your opinion?

a. I have no opinion on these land acquisitions/land exchanges.
b. I somewhat favor these land acquisitions/land exchanges.
c. I strongly favor these land acquisitions/land exchanges.
d. I am somewhat against these land acquisitions/land exchanges.
e. I am strongly against these land acquisitions/land exchanges.

PLEASE ANSWER THE FOLLOWING ABOUT YOURSELF:

How old are you? _____ years

Gender: male [ ] female [ ]

How many years of education have you successfully completed? (Please circle)

Elementary School	Middle/High School	College	Post-Graduate
1 2 3 4 5 6	7 8 9 10 11 12	13 14 15 16	17 18 19 20 21+

What cultural group do you most closely identify with?

[ ] African American
[ ] American Indian
[ ] Anglo American
[ ] Central American
[ ] Chinese American
[ ] Filipino American
[ ] Hispanic American
[ ] Korean American
[ ] Mexican American
[ ] Vietnamese American
[ ] Other (please specify)_____

What language do you speak at home?
[ ] English [ ] Spanish [ ] other: _____

What language do you read most of the time?
[ ] English [ ] Spanish [ ] other:_____

What country were you born in? (specify)_____

I have lived in the United States: [ ] all my life; _____ years

Do you have any of the following impairments?

Hearing impaired	[ ] yes	[ ] no
Visually impaired	[ ] yes	[ ] no
Mobility impaired	[ ] yes	[ ] no
Mentally or learning impaired	[ ] yes	[ ] no

What city and state do you live in? (city) _____
(state) _____

Where are you staying?
[ ] This is just a day trip [ ] At a local residence
[ ] At a local campground (specify) _____
[ ] At a local hotel or lodge (which city?) _____

Approximately how far did you travel to get to this area (one-way)?
_____ miles

Is your travel to this site today part of a longer journey?
[ ] No, I was headed for this area only
[ ] Yes;
If yes, where is your ultimate destination? _____

Have you toured, or do you plan to go to, the visitor's center at the dam today?
[ ] Yes, I have just visited there
[ ] Yes, I am on my way there now
[ ] No, I have not yet been there, and am not headed there now

What is your annual household income (before taxes)?

[ ] $0 - $9,999	[ ] $50,000 - $59,999
[ ] $10,000 - $19,999	[ ] $60,000 - $69,999
[ ] $20,000 - $29,999	[ ] $70,000 - $79,999
[ ] $30,000 - $39,999	[ ] $80,000 - $89,999
[ ] $40,000 - $49,000	[ ] $90,000 or more

Is there anything else you would like us to know about your visit here?

THANK YOU!

Winter and Spring Seasons

SRA
GN#_____
FI _____
DT __/__/__

Dear Visitor,

Welcome to the area! We are conducting a brief survey to find out your opinions about recreating here. Participation is voluntary and takes about 15 minutes. Thanks for helping us with our research.

Sincerely,

Steve Dennis
Professor
CSUC

Bend
Paynes
Jellys
Reading
Ball's Ferry

PLEASE READ EACH ITEM CAREFULLY AND MARK YOUR RESPONSE. COMPLETE ANSWERS ARE IMPORTANT. THESE FIRST QUESTIONS PERTAIN TO THE PARTICULAR SITE YOU ARE AT RIGHT NOW:

1. Have you ever been to this site before?
   [ ] No
   [ ] Yes;
   About how many times in the past year? _____ (not including this trip)
   About how many years have you been coming here? ____ years

2. What activities do you usually participate in when visiting this particular site? (Check all that apply)

[ ] Day Hiking	[ ] Gold Panning
[ ] Camping	[ ] Bird or Wildlife Watching
[ ] Backpacking	[ ] Sightseeing / Auto Touring
[ ] Photography	[ ] Collecting (berries, mushrooms)
[ ] Fishing	[ ] Picnicking
[ ] Mountain Biking	[ ] Pleasure Boating
[ ] Swimming	[ ] Rafting
[ ] Relaxing	[ ] Canoeing / Kayaking
[ ] Shooting	[ ] Sailing
[ ] Horseback Riding	[ ] Jet Skiing
[ ] Hang Gliding	[ ] ATV Riding
[ ] Motorcycle Riding	[ ] 4-Wheel Driving

   [ ] Hunting (please circle all that apply: duck, geese, quail, deer)
   [ ] Other (please specify) _____

3. Of those activities listed above, which is the PRIMARY activity you are enjoying here today? _____

4. Which, if any of the following, are important amenities to either add or keep at this site?

[ ] pit toilets	[ ] picnic tables
[ ] portable toilets	[ ] BBQ grills
[ ] flush toilets	[ ] pay telephone
[ ] running water	[ ] information boards
[ ] trash cans	[ ] artificial shade
[ ] natural shade	**[ ] don't change the area**

   [ ] other (specify) _____

5. How satisfied or dissatisfied are you with this site?

I am….	Very Dissatisfied		Neutral		Very Satisfied
	1	2	3	4	5

6. If you indicated that you were dissatisfied with the site (circled 1 or 2 on Question 5), what could be done to make things better? _____
   _____

7. Who manages this site? (Please check)
   [ ] Park Service
   [ ] Forest Service
   [ ] Bureau of Land Management
   [ ] Bureau of Reclamation
   [ ] County
   [ ] City
   [ ] Unmanaged by anyone [ ] Unknown

THESE QUESTIONS ARE ABOUT THE GENERAL SACRAMENTO RIVER RECREATION AREA:

8. How often do you come here on… (Place an "X")

	Never	Sometimes	Frequently
non-holiday weekends	_____	_____	_____
three day, holiday weekends?	_____	_____	_____
weekdays that ARE NOT holidays?	_____	_____	_____
mid-week holidays?	_____	_____	_____
vacations?	_____	_____	_____

9A. What three main activities do you usually participate in when visiting the Sacramento River Recreation Area?

_____
_____
_____

9B. What activities would you like to participate in that are not available in this area now?

_____
_____
_____

10. How do you presently use the **trails** and **roads** within the area? (Check all that apply)

[ ] Walking / Jogging
[ ] Bicycling
[ ] OHV Riding
[ ] Other: (specify) _____
[ ] Don't use these trails/roads

11. What three things about this area do you like the most?

_____
_____
_____

12. How do you best describe the group that you are with today?

[ ] Friends
[ ] Family
[ ] Family and friends
[ ] Organized group or club
[ ] Alone
[ ] Other (please describe) _____

13. In your visit to this area have you experienced any problems with people outside your group?

[ ] No
[ ] Yes (please explain) _____
_____

14. How did you first learn about this area? (Please check the ONE best response)

[ ] From friends or family
[ ] Brochure
[ ] Newspaper
[ ] Radio ad
[ ] Other (please specify)
[ ] T.V. ad
[ ] Map
[ ] From an Agency (e.g., information center)

15. How would you like to get information of interest to you?

	Dislike	Like
Brochure given at entrance	1	2
Ranger who stops by for visit	1	2
A radio broadcast	1	2
Information kiosk at site	1	2
Signs along the road	1	2
Evening program at the information center	1	2

Other (please specify)_____

16. What type(s) of information would you like to have about this site/area?

[ ] Information about things to see and do
[ ] Information about natural features (e.g., plants/wildlife)
[ ] Information about cultural and historic features of the area
[ ] Information about the area's rules and regulations
[ ] Information about area trails (e.g., on maps)
[ ] Information about other sites like this one
[ ] Other (please specify) _____

17. The agency that manages this area should…
(Please indicate whether you agree or disagree with the following statements)

	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree
a. Leave things pretty much the way they are	1	2	3	4	5
b. Provide more information about the area	1	2	3	4	5
c. Provide more access points	1	2	3	4	5
d. Enforce more rules and regulations	1	2	3	4	5
e. Provide more facilities	1	2	3	4	5
f. Clean up the area	1	2	3	4	5
g. Limit access to the area	1	2	3	4	5

18. The Bureau of Land Management is working on land acquisitions/land exchanges to increase resource protection, access, and recreational opportunities. Which of the following statements represents your opinion? (Please circle the one you most closely agree with)

a. I have no opinion on these land acquisitions/land exchanges.
b. I somewhat favor these land acquisitions/land exchanges.
c. I strongly favor these land acquisitions/land exchanges.
d. I am somewhat against these land acquisitions/land exchanges.
e. I am strongly against these land acquisitions/land exchanges.

PLEASE ANSWER THE FOLLOWING ABOUT YOURSELF:

How old are you? _____ years

Gender: male [ ] female [ ]

How many years of education have you successfully completed? (Please circle)

Elementary School	Middle/High School	College	Post-Graduate
1 2 3 4 5 6	7 8 9 10 11 12	13 14 15 16	17 18 19 20 21+

What cultural group do you most closely identify with?

[ ] African American
[ ] American Indian
[ ] Anglo American
[ ] Central American
[ ] Chinese American
[ ] Filipino American
[ ] Hispanic American
[ ] Korean American
[ ] Mexican American
[ ] Vietnamese American
[ ] Other (please specify)_____

What language do you speak at home?

[ ] English [ ] Spanish [ ] other: _____

What language do you read most of the time?

[ ] English [ ] Spanish [ ] other:_____

What country were you born in? (specify)_____

I have lived in the United States: [ ] all my life; _____ years

Do you have any of the following impairments?

Hearing impaired	[ ] yes	[ ] no
Visually impaired	[ ] yes	[ ] no
Mobility impaired	[ ] yes	[ ] no
Mentally or learning impaired	[ ] yes	[ ] no

What city and state do you live in? (city) _____
(state) _____

Where are you staying?

[ ] This is just a day trip
[ ] At a local residence
[ ] At a local campground (specify) _____
[ ] At a local hotel or lodge (which city?) _____

Approximately how far did you travel to get to this area (one-way)?
_____ miles

Is your travel to this site today part of a longer journey?

[ ] No, I was headed for this area only
[ ] Yes;
If yes, where is your ultimate destination?_____

Where is the vehicle (car/truck) parked that you used to get to this area?

[ ] At this site
[ ] Somewhere else (please specify where) _____

What is your annual household income (before taxes)?

[ ] $0 - $9,999
[ ] $10,000 - $19,999
[ ] $20,000 - $29,999
[ ] $30,000 - $39,999
[ ] $40,000 - $49,000
[ ] $50,000 - $59,999
[ ] $60,000 - $69,999
[ ] $70,000 - $79,999
[ ] $80,000 - $89,999
[ ] $90,000 or more

Is there anything else you would like us to know about your visit here?

THANK YOU!

Appendix B—Responses to Request for Other Comments

Interlakes Special Recreation Management Area (ISRMA)

- **Shasta OHV Staging Area:**

  Summer Season—

  (I'd like the) Survey results.
  Keep up the good work.
  The facility host really needs back-up from the Forest Service and BLM to deal with the drunk people and others who cause problems here. This is really an enjoyed place to come.
  I love it here, and I hope it's always an OHV area.
  More shade. I want a copy of the results.
  Yes, need shade trees at campsite and showers.

  Fall Season—

  I think I should have gotten a ice cold drink for filling this out.
  Yes, enforcement of regulations that are not a problem.
  It is very clean and keep it up.
  I enjoy what you have going here. It gives people thing to do and they can have fun.

  Winter Season—

  Thank you.
  Great area years ago. Great area today.
  It's always very clean and nice. We like it here!
  I really enjoy what you have here. I hope you guys don't take away what you have for us.

  Spring Season—

  The US government should have no right to limit access based on the ability to pay, by charging fees for the use of public facilities of which we originally paid for and pay to maintain.

- **Shasta Overlook:**

  Summer Season—

  Very nice.
  Beautiful! Thanks!
  Love the area.
  My father helped design the dam and electrical system here.
  Always enjoyable.
  Where's good fishing? Local wildlife and ecosystem?
  Hope it's still here for my kids.
  I'll be back.
  Many of the maps of the area are inadequate (unclear and incomplete). Good for freeway driving only. This area needs some trash receptacles.
  Everything was beautiful. I have had a great time. Peace, love.

  Fall Season—

  Loved it.
  Nice day.
  Questionnaire a little lengthy. Give people a chance to view area then ask about questionnaire.
  Manage human impact on the environment more—be biocentric.

Thanks.
It's a wonderful place. Keep up the good work.

Winter Season—

Retired.
Have a nice day!

Spring Season—

I have returned here for the second time in 2.5 years after working here on the "dam building project" in 1948 with the construction crew.

- **Keswick:**

Summer Season—

Clean up the mess. If they pick it up they can also take it with them when they leave.
The view from the bottom of Shasta Dam is one of the most spectacular sites in the North State.
The lakes (Keswick and Wiskeytown) are the most important resources Ridge has left. Keep them accessible, clean and free! Put portatoilets back (or unlock it).

Winter Season—

Thank you for your concern.

- **Sacramento River Trail Bridge:**

Summer Season—

We need many more.
I am in favor of all recreational areas being developed. I view this kind of activity as healthy for body and mind. There could be more activities coordinated for pre-teen to teenagers to promote healthy lifestyles and respect for public property.
Most enjoyable, as long as public safety is assessed and properly maintained!
Any improvements made are greatly appreciated! Thank you!
Nice place.
Drinking water at bridge.
Drinking fountain at bridge.
New stairway should have narrow bike access (5" would be nice).
I live here.
I live here.
Thanks for the interest.
Please limit motor access or any "improvement" that will damage natural environment. Enforce clean up! If you do "improve," do so with the intent of protecting more natural areas.
Develop a group of people who monitor the * who come down and ruin a nice thing.
Keep repaving the trail!
Excellent trail.
Keep things pretty much the same.
It is nice to have a place to bring my children to ride bikes without worrying about cars.
Do animals need a leash?
Keep up the good work!
I would really like to see better police protection or security guards due to the increase of break-ins to autos. I have been a victim, and I think something should be done—either post

notices to be sure and secure possessions in trunk, etc. or have security. People need to be made aware of this theft problem.

I would like to see more water fountains on the trail. Pay phones in the access parking areas. Something done about the vandalism to the cars.

Like to see camping sites on river.

Fall Season—

Running water.

Winter Season—

We would really like to see trail extended towards Shasta Dam.

Thank you for doing this!!

Spring Season—

This form is too long!

Eradicate the Scotch Broom.

Sacramento River Area (SRA)

- **Bend Fishing Access:**

Summer Season—

No guides. No jet boats. 25 mph limit.

Beautiful river area. Have fish cleaning area.

No more accessibility to area would greatly enhance its ambiance.

A very nice lady at the local store. Was very helpful and courteous.

It was great!

I always enjoy it.

I would come here again.

Fall Season—

Support the Sacramento River Preservation Trust!

Float trip sponsored by the Sacramento River Preservation Trust.

Winter Season—

The area is a beautiful place visit, get out of the city.

We're visiting my husband's hometown.

Spring Season—

I enjoy the natural area except for the broken glass and beer cans.

I would like the site to remain in its current state.

I do not think there is an alcohol problem here.

- **Paynes Creek Bass Pond:**

Summer Season—

License costs too much and allowed limits for fishing too low.

Thanks.

Fall Season—

More garbage cans.

Moved here from Orange County. Looking for work in a better place for my family and me.

Winter Season—

We like it here.

- **Jellys Ferry:**

  Summer Season—

  Keep jet skis off the river!

  Shade trees are important. Garbage cans also.

  Fall Season—

  Protection of this area for the purpose of wise management is greatly needed.

  Winter Season—

  These areas are great.

  I fully enjoy the areas around here.

- **Bloody Island:**

  Summer Season—

  I enjoy the nature and peacefulness in this area. Please don't change it. Let nature do that.

- **Reading Island:**

  Summer Season—

  More trees. Cheap xerox copies of the maps of the area (3-mile radius) available at bulletin board.

  Lack of time and money made this place go down.

  Today was my first visit. I think its a nice area with great potential.

  Under the circumstances it has been quite nice.

  Spring Season—

  It's great!

  This is a great place, with great potential.

  Enjoying it.

- **Ball's Ferry:**

  Spring Season—

  Do something/landscape it!