

## Appendix B. HMP Species Occurrence Data

Table B-1. Occurrence of HMP Species in Parcels

Parcel	Sand Gila	Monterey Spineflower	Robust Spineflower	Seaside Bird's beak	Toro Manzanita	Sandmal Manzanita	Monterey Ceanothus	Eastwood's Encamena	Coast Wallflower	Yadon's Pipena	Hooker's Manzanita	Smith's blue butterfly	California lindenella	California red-legged frog	Western snowy plover	California black legless lizard	California tiger salamander	Monterey ornate shrew
E11a	X	X				X	X	X								X		X
E11b.1		X																
E11b.2		X																
E11b.3																		X
E11b.4					X													X
E11b.5					X													X
E11b.6		X			X	X	X	X									X	X
E11b.7	X			X	X	X	X	X									X	X
E11b.8					X		X	X			X						X	X
E11b.9							X	X			X							X
E11b.10																		
E11b.11																		
E11b.12																		X
E15.1																		X
E15.2																		X
E17b.1																		
E17b.2																		X
E18.1		X					X											X
E18.2																X		X
E18.3																		X
E18.4		X																X
E19a.1		X				X												X
E19a.2		X			X	X	X				X					X		X
E19a.3		X			X	X	X				X					X		X
E20c.1.1		X				X	X	X								X		X
E20c.1.2						X	X	X		X						X		X
E20c.1.3		X				X	X	X								X		X
E20c.2.1		X				X	X	X								X		X
E20c.2.2		X				X	X	X								X		X
E20.b																X		
E21a		X				X	X	X								X		X
E21b.1		X			X	X	X	X			X					X		X
E21b.2	X	X			X	X	X	X			X					X		X
E21b.3		X		X		X	X	X								X		X
E23.1				X		X	X	X								X		
E23.2		X				X	X	X								X		
E24	X	X		X		X	X	X	X							X		
E29		X			X	X	X	X								X		
E29a		X				X	X	X	X				X	X		X	X	
E29b.1		X				X	X	X								X	X	
E29b.2		X				X	X	X								X	X	
E29b.3		X			X	X	X	X								X	X	
E29e		X				X	X	X								X		
E2a	X	X				X	X		X	X						X		
E2b.1						X	X		X							X		
E2b.2									X							X		
E2b.3																		
E2c.1						X	X	X								X		
E2c.2																X		
E2c.3	X					X	X	X								X		
E2.4	X	X				X	X	X								X		
E2d	X					X	X	X								X		
E2e	X	X				X	X									X		
E31		X				X	X	X								X		X
E36		X				X	X	X								X		

Table B-1 Occurrence of HMP Species in Parcels

Parcel	Sand Gila	Monterey Spineflower	Robust Spineflower	Seaside Brd's beak	Toro Manzanita	Sandmat Manzanita	Monterey Ceanothus	Eashwood's Encamena	Coast Wallflower	Yadon's Pipera	Hooker's Manzanita	Smith's blue butterfly	California lindenella	California red-legged frog	Western snowy plover	California black legless lizard	California tiger salamander	Monterey ornate shrew
E34	X	X				X	X	X								X		
E35						X	X	X										
E4.1	X	X				X	X	X	X	X						X		X
E4.2	X	X				X	X	X	X							X		X
E4.3	X	X			X	X	X	X								X		X
E4.4	X	X			X	X	X	X								X		X
E4.5	X					X	X	X								X		
E4.6	X	X				X	X	X	X		X					X		
E4.7	X	X			X	X	X	X	X							X		X
E5a	X	X			X	X	X	X								X		X
E5b		X			X	X	X	X								X		
E8a.1	X	X				X	X		X							X		X
E8a.2		X				X	X									X		
F1.1	X	X	X	X	X	X	X	X			X		X	X		X	X	X
F1.10	X	X				X	X	X					X			X	X	X
F1.11	X	X	X	X	X	X	X	X			X					X		
F1.12	X	X	X	X	X	X	X	X	X							X	X	X
F1.13	X	X	X	X	X	X	X	X			X		X	X		X	X	X
F1.14	X	X	X	X	X	X	X	X	X				X	X		X	X	X
F1.4.1					X													
F1.5	X	X	X	X	X	X	X	X			X		X			X	X	
F1.6						X	X	X			X		X				X	
F1.7.1	X	X	X	X	X	X	X	X			X		X	X			X	X
F1.7.2	X	X			X	X	X	X			X						X	X
F1.8	X	X	X	X		X	X	X	X									X
F1.9		X	X	X		X	X	X										
F2.1						X	X	X								X		
F2.2																		
F2.3		X					X									X		X
F2.4																		
F2.5																		X
F2.6		X																X
F2.7.1		X																X
F2.7.2																		X
F2.7.3																		X
F2.8																		
F2.9																		
F3		X														X		X
F4	X	X			X	X	X	X	X							X		
F5.1																		
F5.2																		
F6																		
L10.1																		
L10.2						X	X	X								X		
L10.3																		
L10.4	X	X				X	X	X								X		
L11						X	X	X								X		
L12.1	X	X				X	X	X										
L12.3																		
L13.1							X									X		
L13.2							X									X		
L14						X	X	X								X		
L15.1																X		
L15.2	X	X			X	X	X	X								X		



Table B-1. Occurrence of HMP Species in Parcels

Parcel	Sand Gila	Monterey Spineflower	Robust Spineflower	Seaside Bird's beak	Toro Manzanita	Sandmat Manzanita	Monterey Ceanothus	Eastwood's Encamena	Coast Wallflower	Yadon's Pipera	Hooker's Manzanita	Smith's blue butterfly	California Indenella	California red-legged frog	Western snowy plover	California black legless lizard	California tiger salamander	Monterey ornate shrew
L31																X		X
L32		X				X												X
L33																		X
L34																		
L3.1		X			X	X	X				X							
L3.2		X			X	X	X	X			X							
L4.1		X				X	X	X								X		
L4.2		X				X	X	X								X		
L5.1	X	X				X	X		X							X		X
L5.10	X	X			X	X	X	X	X							X		X
L5.1.1		X														X		
L5.1.10																X		
L5.1.11	X	X				X										X		X
L5.1.12		X														X		X
L5.1.2																		
L5.1.3																		
L5.1.4	X	X																X
L5.1.5																X		
L5.1.6																		
L5.1.7																		
L5.1.8		X																X
L5.1.9																		
L5.2																		
L5.4.1																		
L5.4.2																		
L5.5																		
L5.6						X	X	X								X		
L5.7		X																X
L5.8.1																		
L5.8.2																		
L5.9.1	X					X	X	X								X		
L5.9.2	X					X	X	X								X		
L6		X		X		X	X	X								X		
L7.1	X	X				X	X	X	X	X						X		
L7.2	X	X				X		X	X							X		X
L7.3																		
L7.4																X		X
L7.5		X				X	X									X		
L7.6		X				X	X									X		
L7.7		X																X
L8.1																		
L8.2																		
L8.3																		
L9.1.1						X	X									X		
L9.1.2		X				X	X	X	X							X		
L9.2						X												
L9.3																		
LE5.9																		
LE12.2																		
LE20.16																		
LE20.18	X	X			X	X	X	X			X							X
LE20.19	X				X		X	X			X							
S1.1																		
S1.2.1	X	X				X	X	X	X		X					X		X
S1.2.2	X	X				X	X	X	X							X		X

Table B-1. Occurrence of HMP Species in Parcels

Parcel	Sand Gilia	Monterey Spineflower	Robust Spineflower	Seaside Bird's beak	Toro Manzanita	Sandmat Manzanita	Monterey Ceanothus	Eastwood's Encameria	Coast Wallflower	Yadon's Piperia	Hooker's Manzanita	Smith's blue butterfly	California lindenella	California red-legged frog	Western snowy plover	California black legless lizard	California tiger salamander	Monterey orate shrew
LE5.9																		
LE12.2																		
LE20.16																		
LE20.18	X	X			X	X	X	X			X							X
LE20.19	X				X		X	X			X							
S1.1																		
S1.2.1	X	X				X	X	X	X		X					X		X
S1.2.2	X	X				X	X		X							X		X
S1.2.3		X				X												X
S1.3.1		X																X
S1.3.2		X														X		X
S1.3.3	X	X				X												X
S1.3.4		X				X												X
S1.4																		
S1.5.1																		
S1.5.2						X												
S1.6																		X
S1.7						X												
S2.1.1	X	X				X	X		X							X		X
S2.1.2	X	X				X	X	X	X							X		X
S2.1.3	X	X				X	X		X							X		X
S2.1.4	X	X				X	X		X							X		X
S2.1.5	X	X				X	X	X	X							X		X
S2.2.1		X														X		X
S2.2.2																		
S2.2.3																		
S2.3.1	X	X			X	X	X	X	X							X		X
S2.3.2	X	X			X	X	X	X	X		X					X		X
S2.4	X	X				X	X	X								X		X
S2.5.1	X	X				X	X									X		X
S2.5.2	X	X				X	X									X		X
S3.1.1	X	X	X			X			X			X				X		
S3.1.2	X	X							X			X			X	X		
S3.1.3		X																
S3.1.4		X																
S3.2																		
S4.1.1		X																
S4.1.2		X				X			X							X		
S4.1.3	X	X				X	X	X	X	X						X		
S4.2.1						X	X											
S4.2.2						X	X											
S4.2.3		X			X	X	X				X							
S4.3																X		

Occurrence data for almost all species was generated by overlaying the rectified 1992 GIS database for biological resources with the HMP map. The rectified 1992 database was created by incorporating the 1992 survey data into a 1996 GIS base map for former Fort Ord. Occurrences for Smith's blue butterfly and black legless lizard considered both the 1992 data and more recent available data.

Table B-2 Habitat Acreages Supporting HMP Target Species within HMP Reserve Areas, Corridors, and Development Areas

Parcel	Plants												Animals						
	Sand Gilia	Eastwood's Encameria	Coast Wallflower	Seaside Bird's Beak	Robust Spineflower	Monterey Spineflower	Monterey Ceanothus	Sandmat Manzanita	Toro Manzanita	Hooker's manzanita	Yadon's Piperia	California Linderella	Tiger Salamander	Western Snowy Plover	California Red-Legged Frog	Monterey Ornate Shrew	Black Legless Lizard	Smith's Blue Butterfly	
State Parks Reserve	H -- M -- L --	H -- M -- L --	H 35 M 36 L 75	H -- M -- L --	H -- M -- L --	H 35 M 25 L 182	H -- M -- L --	H -- M -- L --	H -- M -- L --	H -- M -- L --	H -- M -- L --	--	--	73	--	--	8	140	
State Parks Development with Reserve	H -- M -- L --	H -- M -- L --	H 8 M 1 L 18	H -- M -- L --	H -- M -- L 476	H 63 M 84 L 277	H -- M -- L --	H -- M -- L 1	H -- M -- L --	H -- M -- L --	H -- M -- L --	--	--	--	--	--	78	37	
Landfill Development with Reserve	H -- M 21 L 80	H -- M -- L --	H -- M 8 L --	H -- M -- L --	H -- M -- L --	H -- M 42 L 201	H -- M -- L 164	H -- M 63 L 207	H -- M -- L --	H -- M -- L --	H -- M -- L --	--	--	--	--	149	43	--	
UC/NRS Reserve	H 148 M 131 L 194	H -- M 10 L 105	H 2 M 86 L 84	H -- M -- L --	H -- M -- L --	H 164 M 340 L 3	H -- M 188 L 161	H 256 M 123 L 45	H -- M -- L 30	H -- M -- L --	H -- M -- L --	--	--	--	--	243	261	--	
Marina Reserve	H -- M -- L --	H -- M -- L --	H -- M -- L --	H -- M -- L --	H -- M -- L --	H -- M 6 L 8	H -- M -- L --	H -- M -- L --	H -- M -- L --	H -- M -- L --	H -- M -- L --	--	--	--	1	26	1	--	
Marina Development with Reserve	H -- M -- L 1	H -- M -- L --	H -- M -- L --	H -- M -- L --	H -- M -- L --	H 7 M 98 L 1	H -- M -- L --	H 1 M -- L --	H -- M -- L --	H -- M -- L --	H -- M -- L --	--	--	--	--	1	18	--	
East Garrison Reserve	H 6 M -- L 3	H -- M -- L 6	H -- M -- L 3	H -- M -- L --	H -- M -- L --	H 9 M 55 L 48	H -- M 6 L 3	H -- M -- L 9	H -- M -- L --	H -- M -- L --	H -- M -- L --	--	--	--	--	147	6	--	
East Garrison Development with Reserve	H -- M -- L 5	H -- M 189 L --	H -- M -- L --	H -- M -- L 5	H -- M -- L --	H -- M 1 L 54	H 38 M 189 L --	H -- M -- L 13	H 141 M 89 L 119	H -- M 60 L 5	H -- M -- L --	--	--	--	--	282	--	--	
Habitat Corridor	H -- M -- L 31	H -- M -- L --	H -- M -- L --	H -- M -- L --	H -- M -- L --	H 3 M 31 L 123	H -- M -- L --	H -- M -- L 33	H -- M -- L --	H -- M -- L --	H -- M -- L --	--	--	--	--	246	--	--	
Habitat Corridor with Development	H -- M -- L 30	H -- M -- L --	H -- M -- L --	H -- M -- L --	H -- M -- L --	H -- M 30 L 17	H -- M -- L --	H -- M -- L 45	H -- M -- L --	H -- M -- L --	H -- M -- L --	1	1	--	1	130	--	--	
BLM NRMA	H -- M 21 L 2,267	H -- M 1,517 L 2,677	H -- M -- L 36	H -- M 16 L 1,030	H -- M -- L --	H 428 M 1,678 L 3,070	H 1,727 M 5,185 L 1,311	H 2,566 M 1,883 L 1,004	H 1,762 M 1,916 L 1,583	H 1,241 M 2,204 L 1,054	H -- M -- L --	56	56	--	23	1,723	935	--	

Table B-2. Continued

Parcel	Plants											Animals															
	Sand Gilia	Eastwood's Ericameria	Coast Wallflower	Seaside Bird's Beak	Robust Spineflower	Monterey Spineflower	Monterey Ceanothus	Sandmat Manzanita	Toro Manzanita	Hooker's manzanita	Yadon's Piperia	California Lindleriella	Tiger Sala- mander	Western Snowy Plover	California Red- Legged Frog	Monterey Ornate Shrew	Black Legless Lizard	Smith's Blue Butterfly									
Caltrans SR 68 Easement	H	--	H	--	H	--	H	--	H	--	H	158	H	6	H	42	H	42	H	--	1	1	--	--	37	--	--
	M	--	M	--	M	--	M	--	M	64	M	195	M	167	M	10	M	123	M	--	--	--	--	--	--	--	--
	L	10	L	--	L	--	L	--	L	--	L	--	L	46	L	103	L	61	L	--	--	--	--	--	--	--	--
MPRPD Reserve	H	--	H	--	H	--	H	--	H	--	H	20	H	--	H	--	H	--	H	--	--	--	--	--	--	7	--
	M	--	M	20	M	--	M	--	M	20	M	--	M	20	M	--	M	--	M	--	--	--	--	--	--	--	--
	L	--	L	--	L	7	L	--	L	--	L	--	L	--	L	--	L	--	L	--	--	--	--	--	--	--	--
Caltrans SR 1 Area	H	--	H	--	H	--	H	--	H	2	H	--	H	4	H	--	H	--	H	--	--	--	--	--	--	9	--
	M	--	M	--	M	2	M	--	M	3	M	5	M	1	M	--	M	--	M	--	--	--	--	--	--	--	--
	L	3	L	5	L	5	L	--	L	35	L	2	L	9	L	--	L	--	L	1	--	--	--	--	--	--	--
Subtotal	H	154	H	--	H	45	H	--	H	702	H	1,943	H	2,833	H	1,945	H	1,283	H	--	58	58	73	25	2,984	1,366	177
	M	173	M	1,736	M	133	M	16	M	2,477	M	5,768	M	2,257	M	2,015	M	2,387	M	--	--	--	--	--	--	--	
	L	2,624	L	2,793	L	219	L	142	L	476	L	1,641	L	1,412	L	1,835	L	1,120	L	1	--	--	--	--	--	--	--
Develop- ment	H	7	H	23	H	7	H	--	H	267	H	541	H	616	H	4	H	11	H	--	2	2	--	2	1,648	1,846	2
	M	136	M	541	M	93	M	--	M	1,062	M	1,070	M	949	M	142	M	118	M	--	--	--	--	--	--	--	
	L	663	L	774	L	275	L	69	L	1,875	L	826	L	716	L	485	L	297	L	13*	--	--	--	--	--	--	--

Notes H = high density, M = medium density, L = low density, and -- = no occurrence.

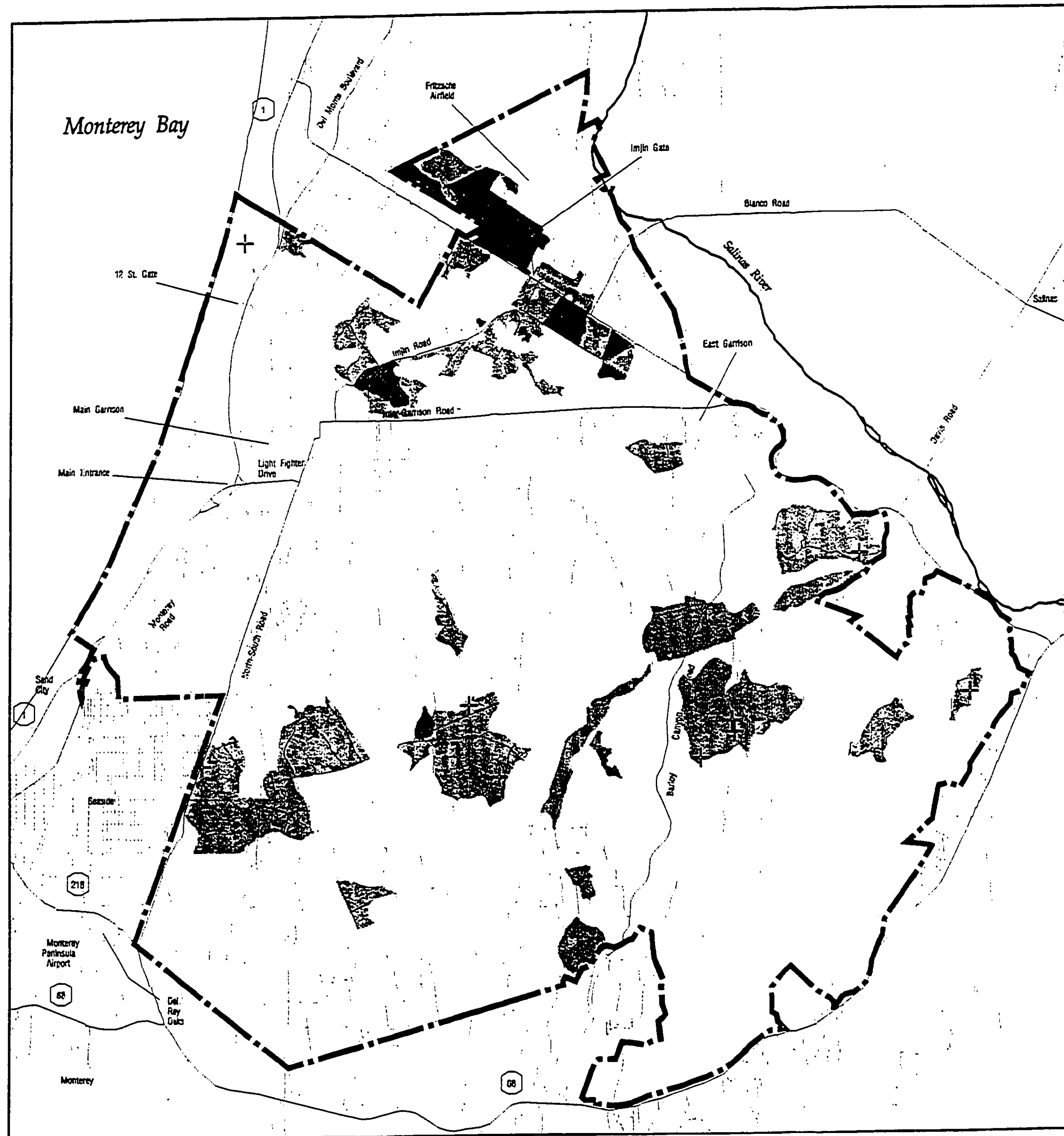
All numbers are approximate acreages. Acreages for animal species have not been separated into high-, medium-, and low-density. Data were collected during the 1992 Flora and Fauna Baseline study.

\* All of this habitat will be protected within an area that will have a deed covenant, including a development restriction.







Figure B-1a

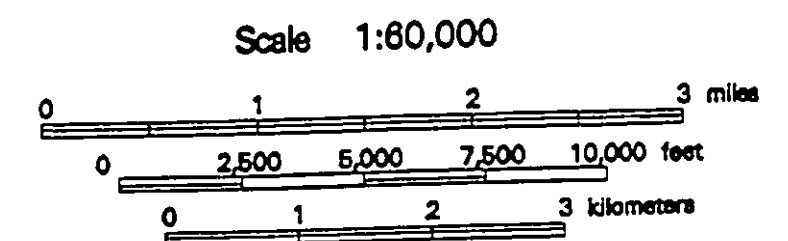
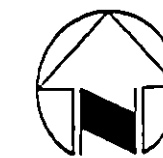
Known Distribution of Sand Gilia  
(*Gilia tenuiflora* ssp. *arenaria*)  
at Former Fort Ord



**Listing Status**  
Federal - Endangered  
State - Threatened  
CNPS - 1B

**Density of Occurrence**

-  Low Density
-  Medium Density
-  High Density
-  Specific Population Location



If this image is not as legible as this overlay, it's due to the poor quality of the original document

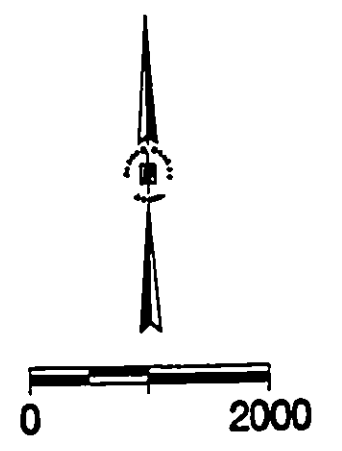
Figure B-1b

Sand Gilia Populations  
Identified in 1993 Spring Surveys



Legend

- Survey Boundary
- Sand Gilia Population Location and Approximate Number of Individual Plants
- Land Use Boundaries






hmp-4.dwg

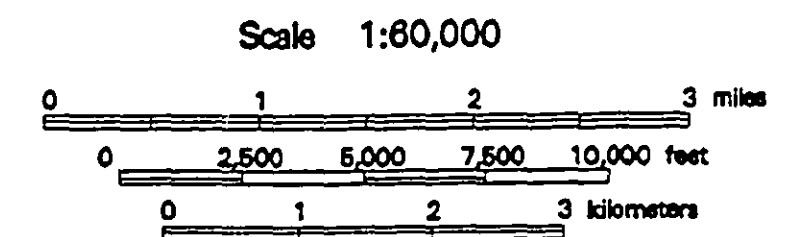
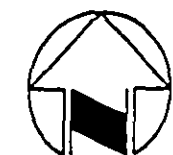
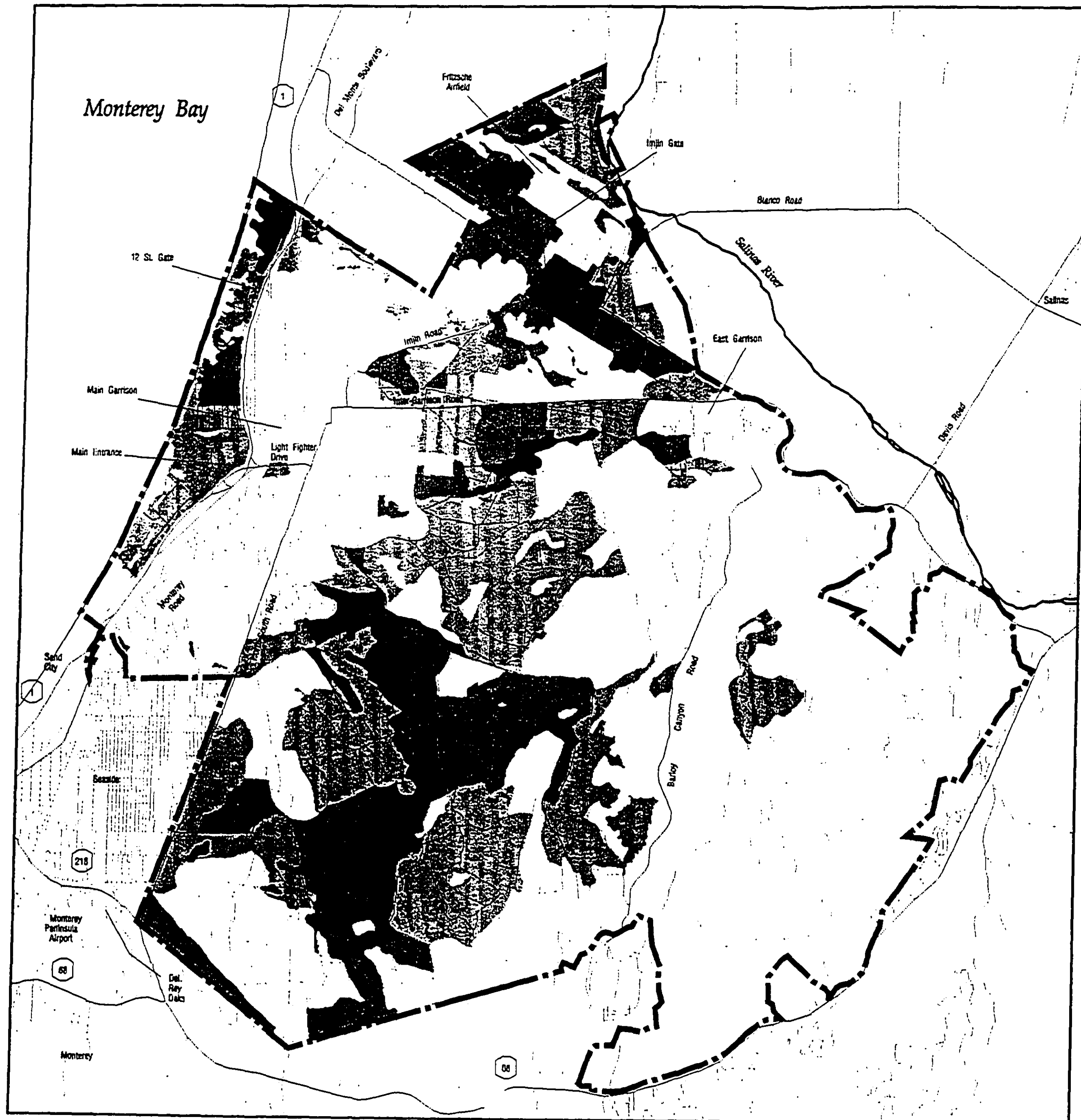
Figure B-2

Known Distribution of Monterey Spineflower (*Chorizanthe pungens* var. *pungens*) at Former Fort Ord

**Listing Status**  
Federal - Threatened  
State - none  
CNPS - 1B

**Density of Occurrence**

-  Low Density
-  Medium Density
-  High Density



If this image is not as legible as this overlay, it's due to the poor quality of the original document

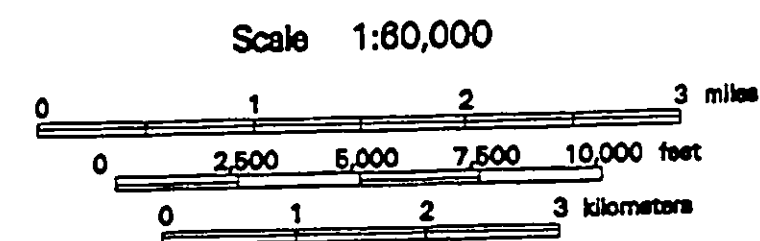
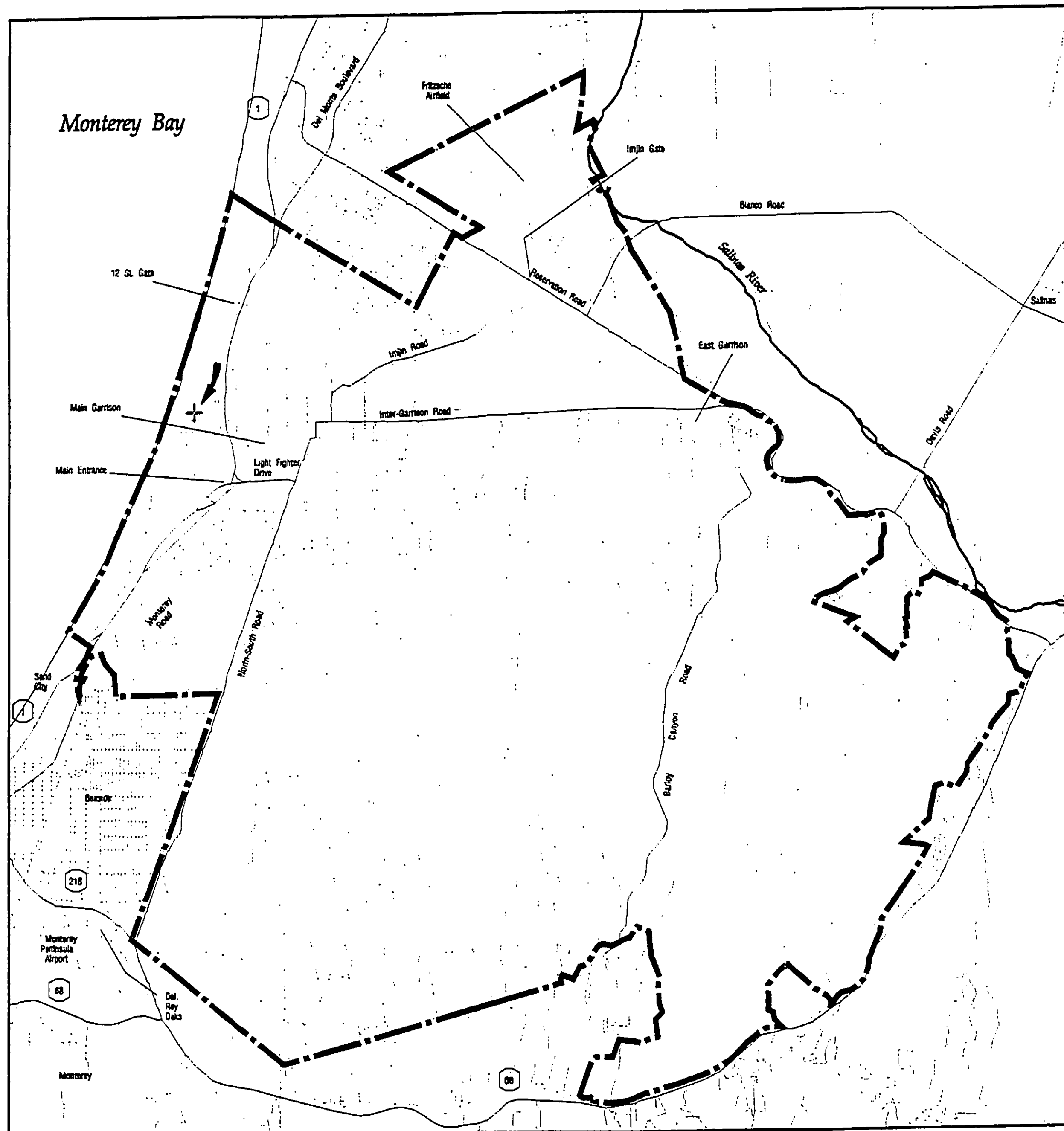
Figure B-3

Known Distribution of Robust Spineflower  
(*Chorizanthe robusta* var. *robusta*)  
at Former Fort Ord

**Listing Status**  
Federal - Endangered  
State - none  
CNPS - 4

**Legend**

 Specific Population Location







If this image is not as legible as this overlay, it's due to the poor quality of the original document

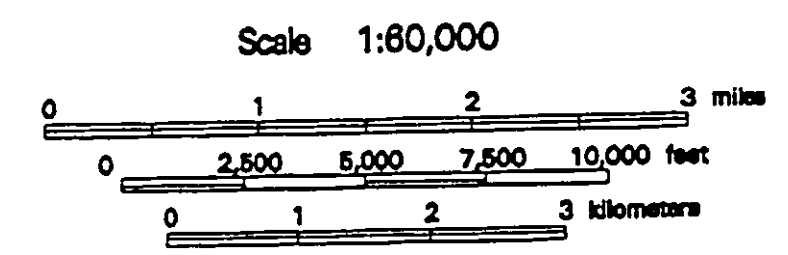
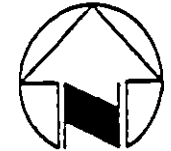
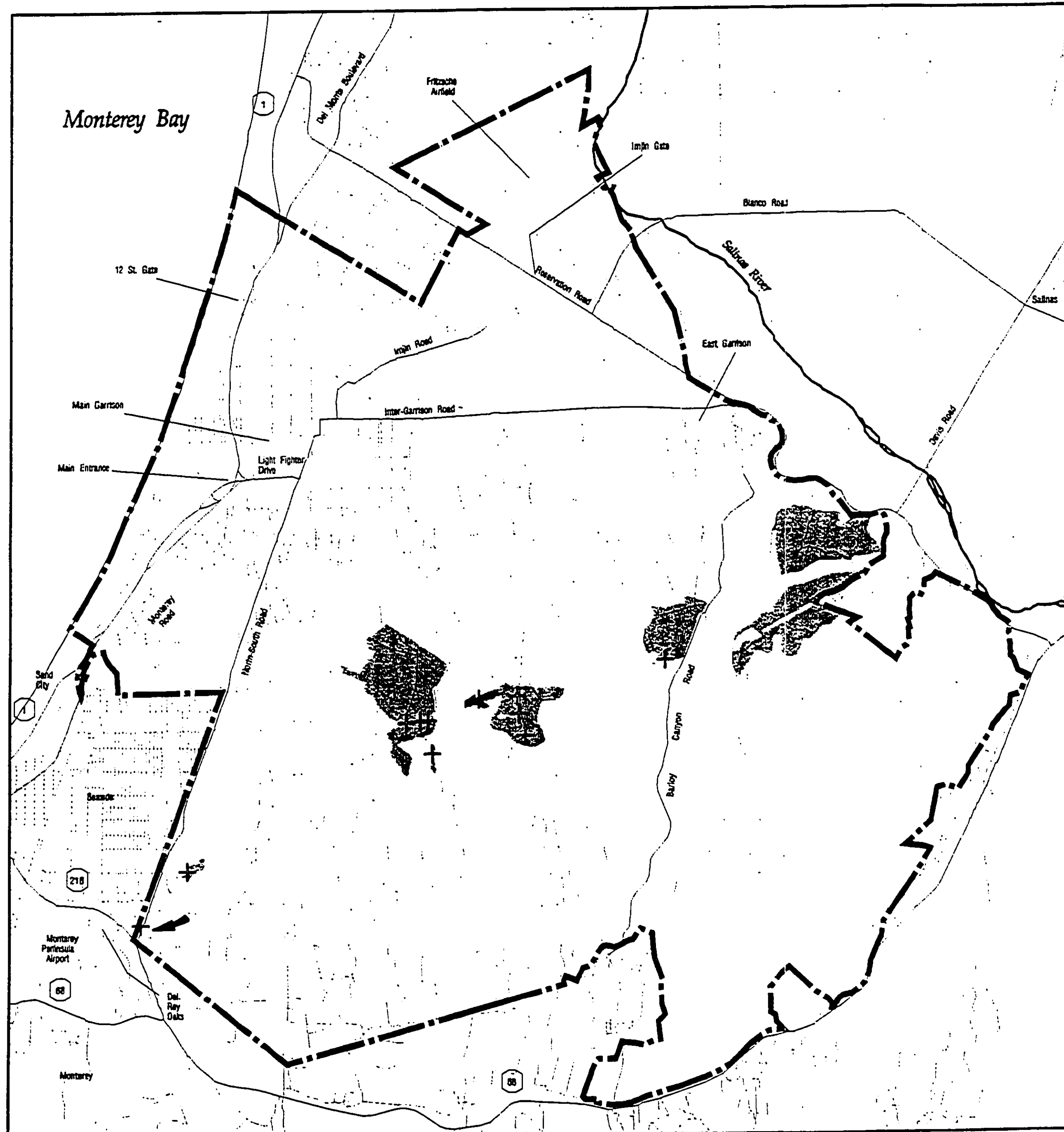
Figure B-4

Known Distribution of Seaside Bird's-beak  
(*Cordylanthus rigidus* var. *littoralis*)  
at Former Fort Ord

**Listing Status**  
Federal - none  
State - Endangered  
CNPS - 1B

**Density of Occurrence**

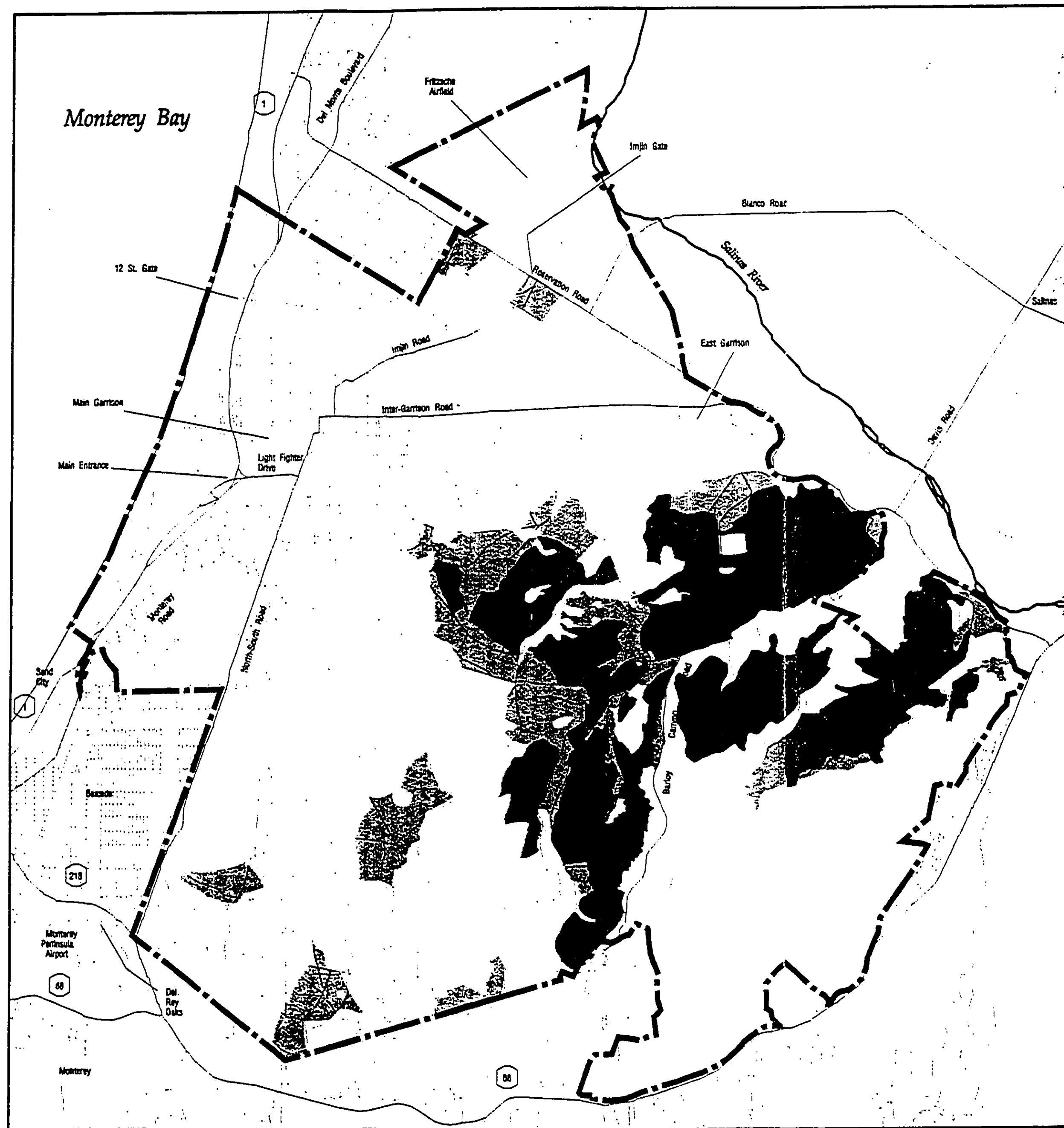
-  Low Density
-  Medium Density
-  High Density
-  Specific Population Location



If this image is not as legible as this overlay, it's due to the poor quality of the original document

Figure B-5




Known Distribution of Toro Manzanita  
(*Arctostaphylos montereyensis*)  
at Former Fort Ord

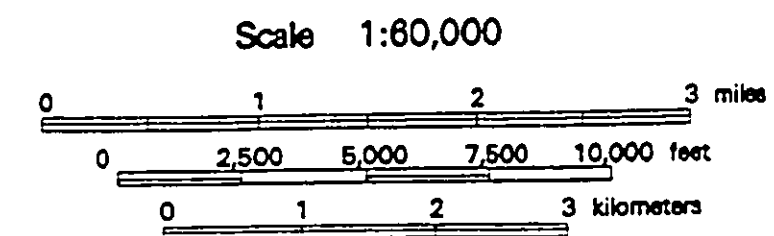
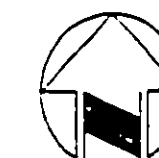


**Listing Status**

Federal - none  
State - none  
CNPS - 1B

**Density of Occurrence**

-  Low Density
-  Medium Density
-  High Density



If this image is not as legible as this overlay, it's due to the poor quality of the original document






Figure B-6

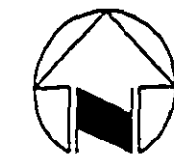
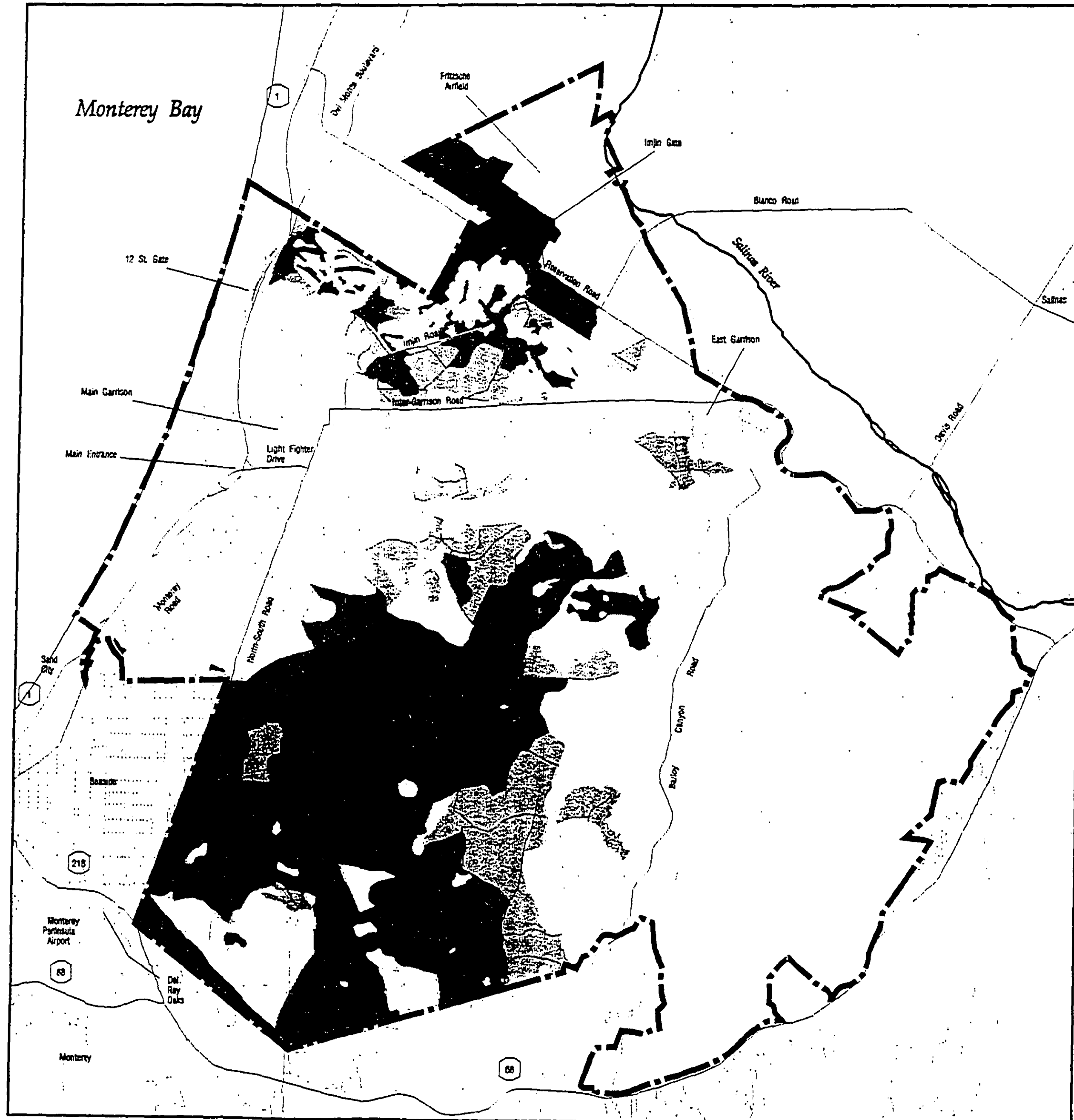
Known Distribution of Sandmat Manzanita (*Arctostaphylos pumila*) at Former Fort Ord

**Listing Status**

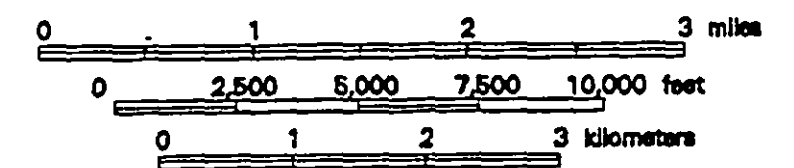
Federal - none  
State - none  
CNPS - 1B

**Density of Occurrence**

-  Low Density
-  Medium Density
-  High Density



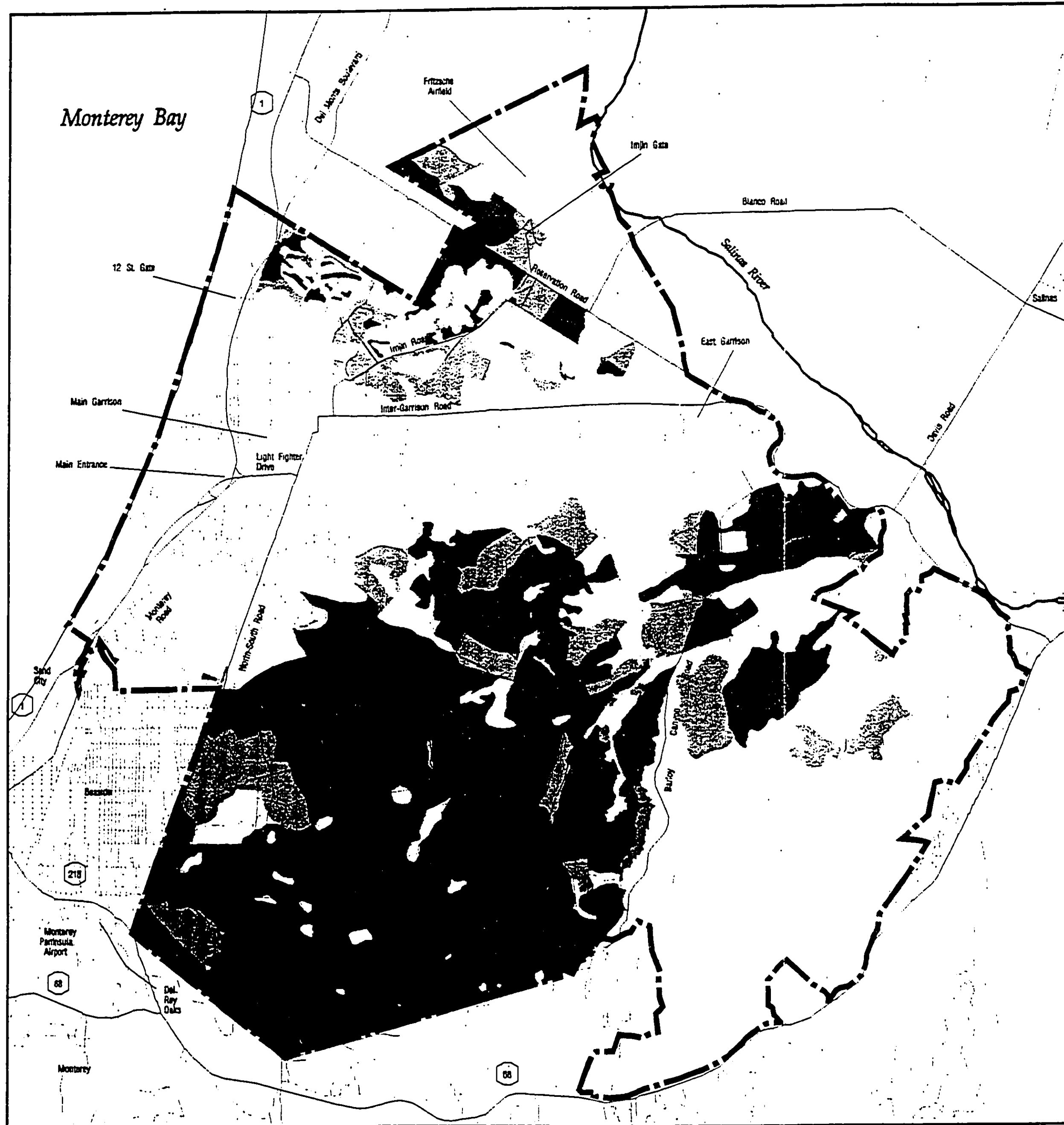
Scale 1:60,000



If this image is not as legible as this overlay, it's due to the poor quality of the original document

Figure B-7




Known Distribution of Monterey Ceanothus  
(*Ceanothus rigidus*) at Former Fort Ord

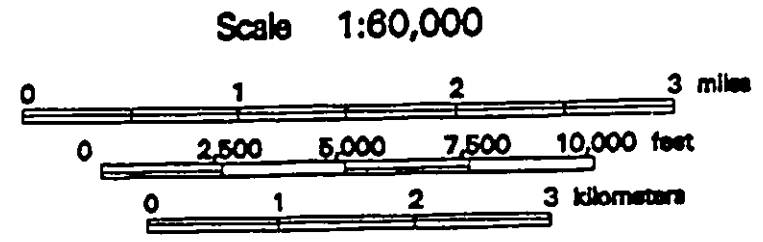
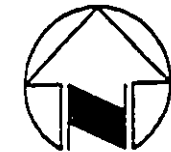


**Listing Status**

Federal - none  
State - none  
CNPS - 4

**Density of Occurrence**

-  Low Density
-  Medium Density
-  High Density



If this image is not as legible as this overlay, it's due to the poor quality of the original document






Figure B-8

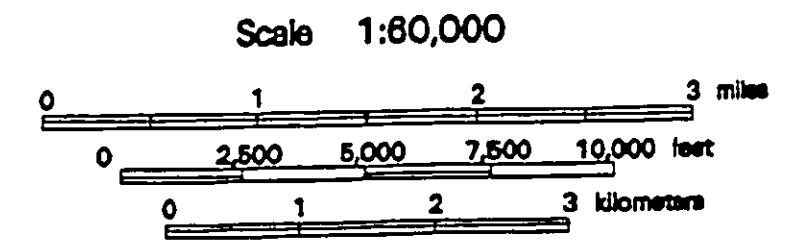
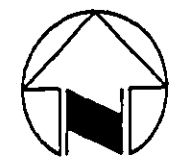
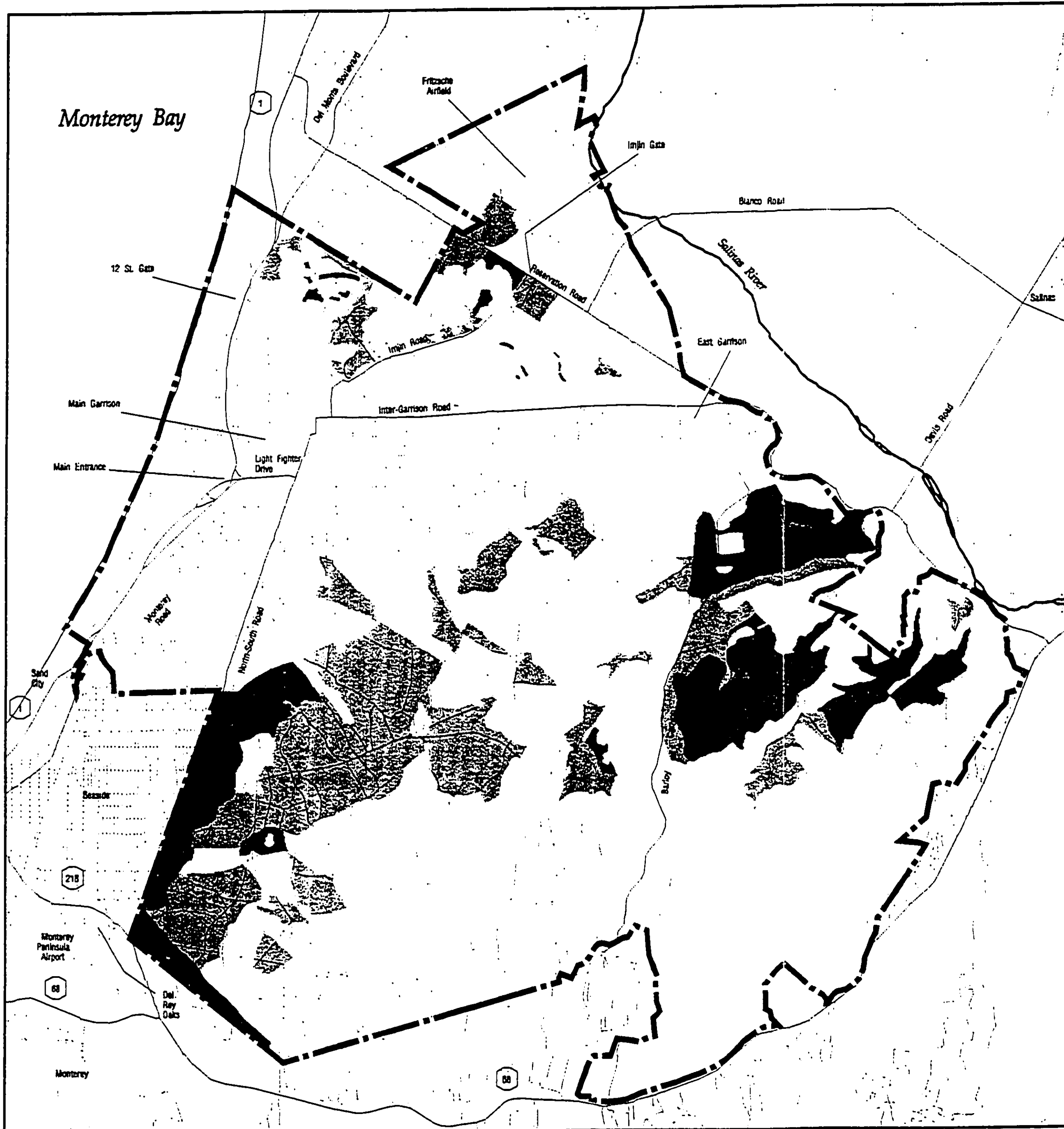
Known Distribution of Eastwood's  
*Ericameria fasciculata*  
at Former Fort Ord

**Listing Status**

Federal - none  
State - none  
CNPS - 1B

**Density of Occurrence**

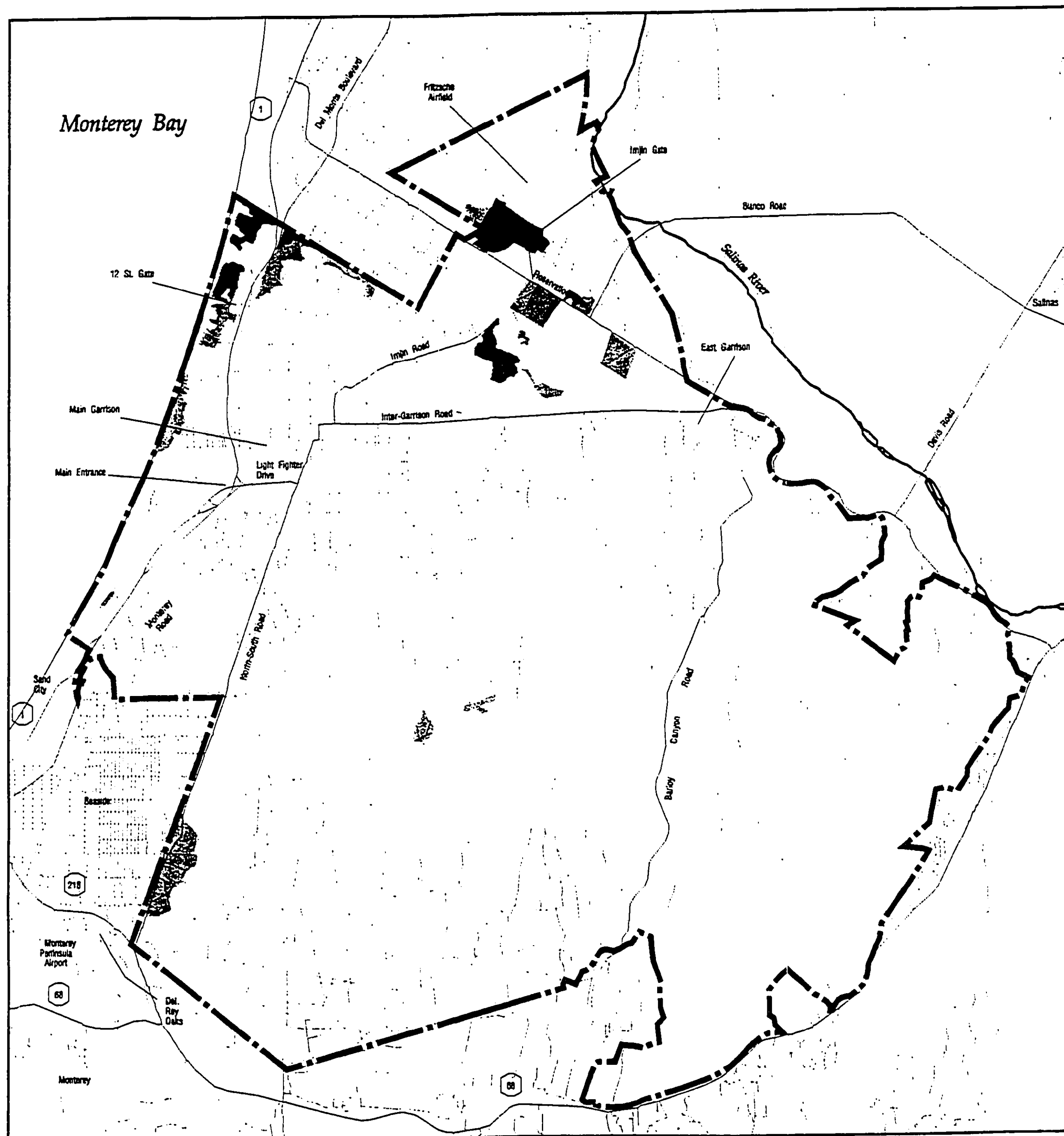
-  Low Density
-  Medium Density
-  High Density



If this image is not as legible as this overlay, it's due to the poor quality of the original document

Figure B-9




Known Distribution of Coast Wallflower  
(*Erysimum amphilum*) at Former Fort Ord



**Listing Status**

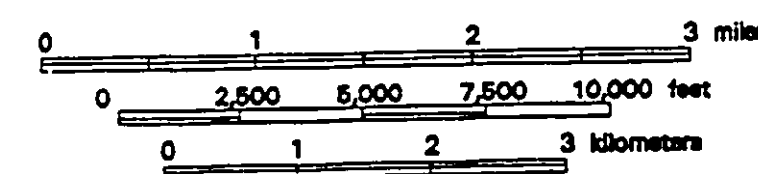
Federal - none  
State - none  
CNPS - 1B

**Density of Occurrence**

-  Low Density
-  Medium Density
-  High Density



Scale 1:60,000



If this image is not as legible as this overlay, it's due to the poor quality of the original document




Figure B-10

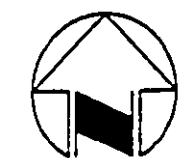
Known Distribution of Yadon's Piperia  
(*Piperia yadoni*) at Former Fort Ord

**Listing Status**

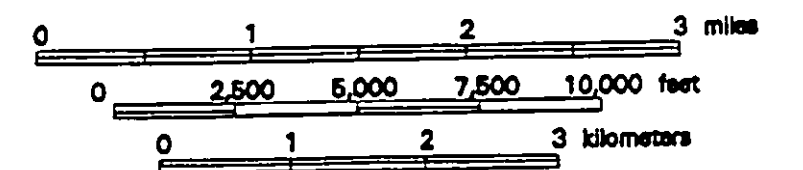
Federal - Proposed Endangered  
State - none  
CNPS - 1B

**Density of Occurrence**

-  Low Density
-  Medium Density
-  High Density



Scale 1:60,000



If this image is not as legible as this overlay, it's due to the poor quality of the original document

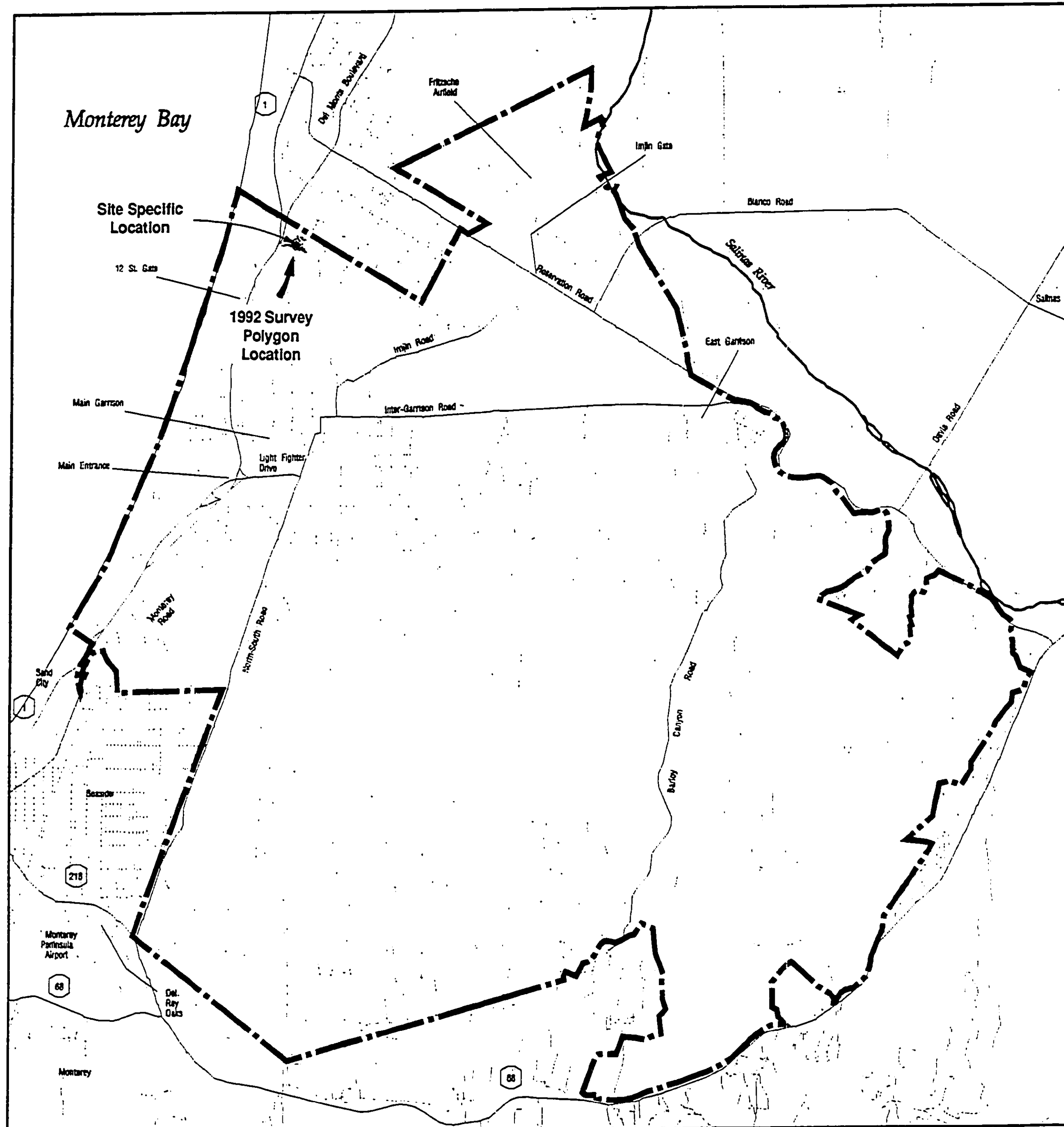





Figure B-11

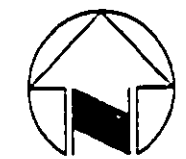
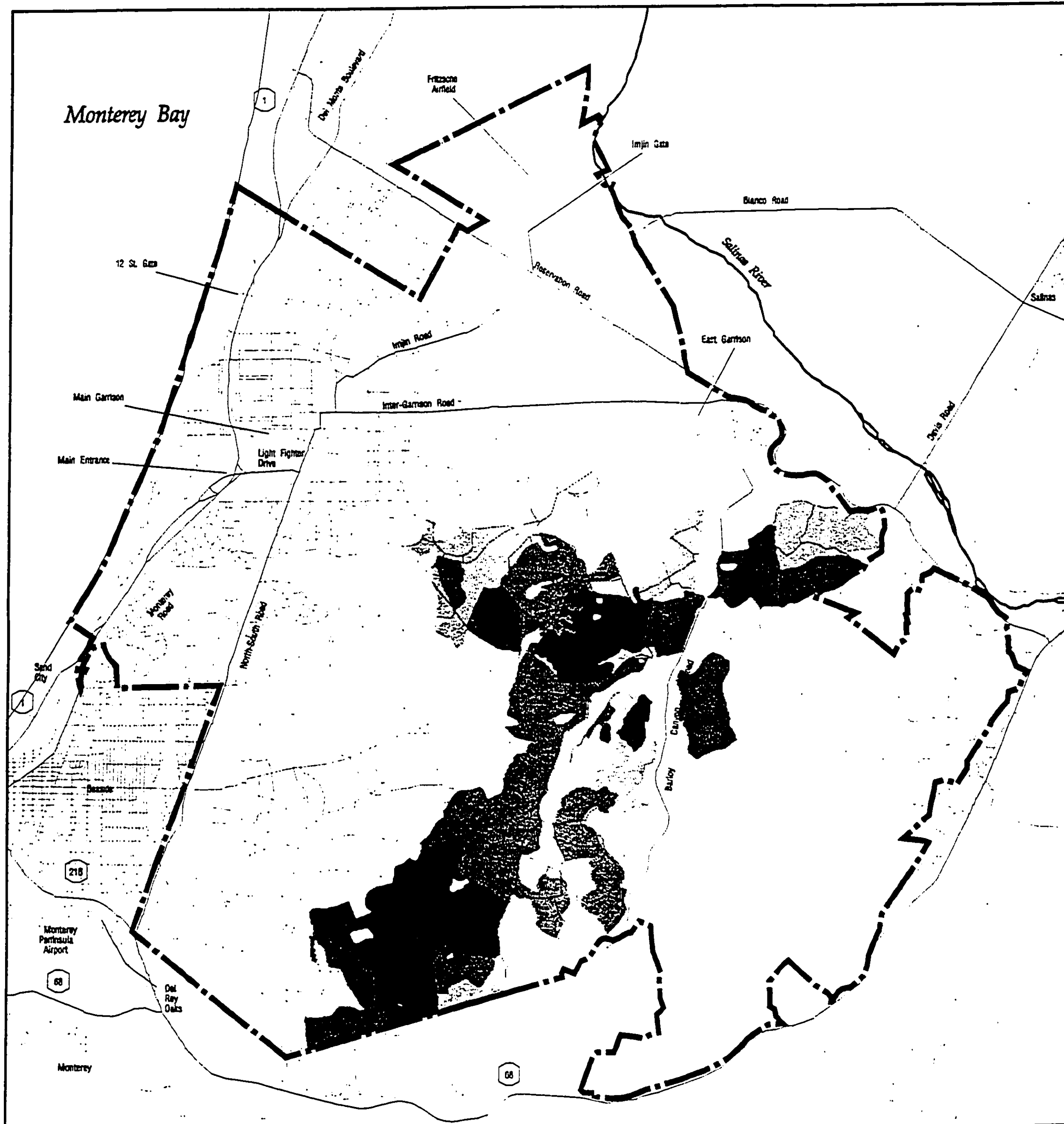
Known Distribution of Hooker's Manzanita  
(*Arctostaphylos hookeri* ssp. *hookeri*)  
at Former Fort Ord

**Listing Status**

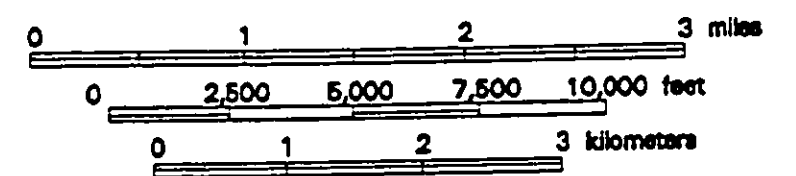
Federal - none  
State - none  
CNPS - 1B

**Density of Occurrence**

-  Low Density
-  Medium Density
-  High Density



Scale 1:60,000



If this image is not as legible as this overlay, it's due to the poor quality of the original document




Figure B-11

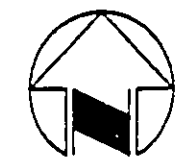
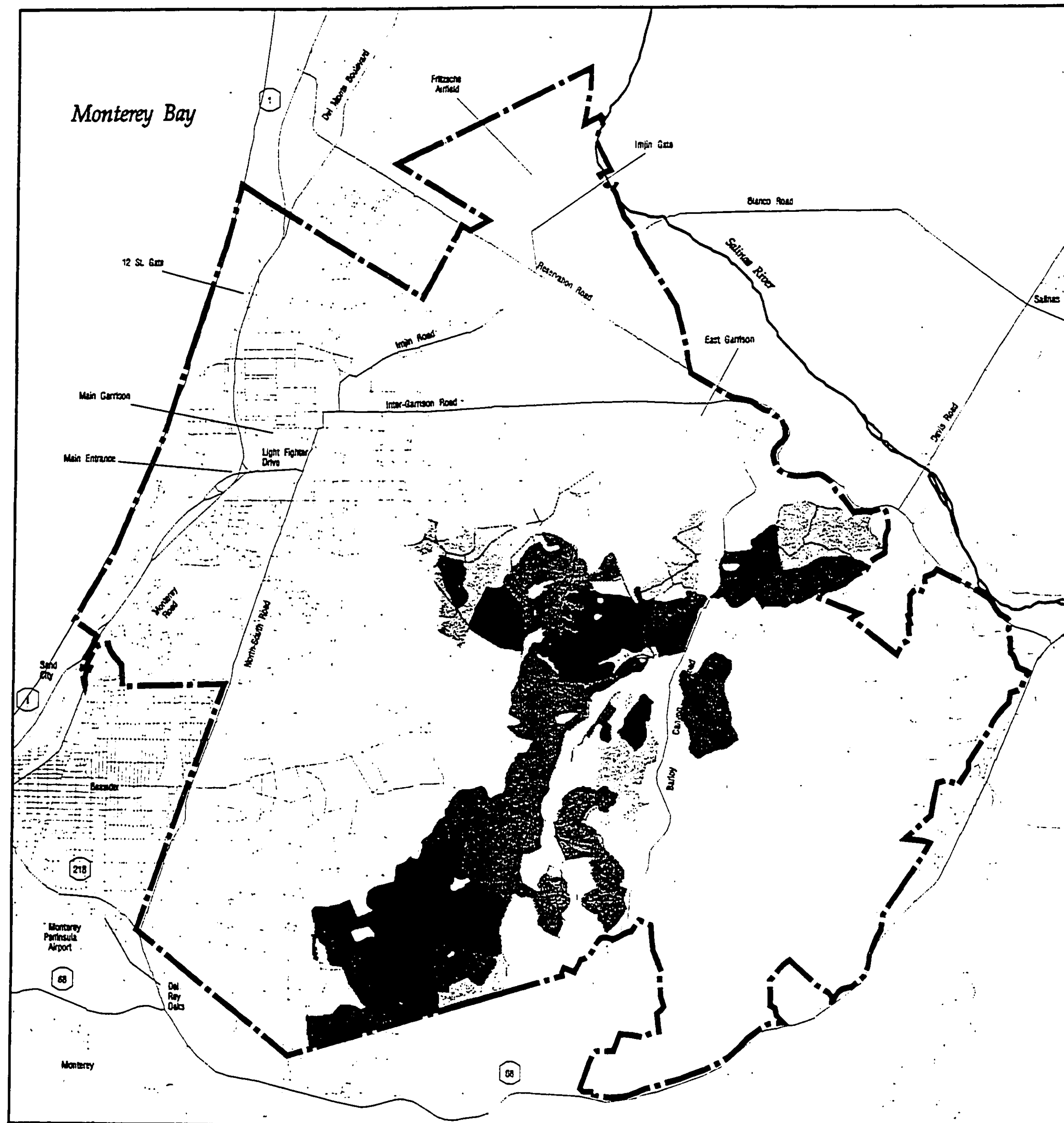
Known Distribution of Hooker's Manzanita  
(*Arctostaphylos hookeri* ssp. *hookeri*)  
at Former Fort Ord

**Listing Status**

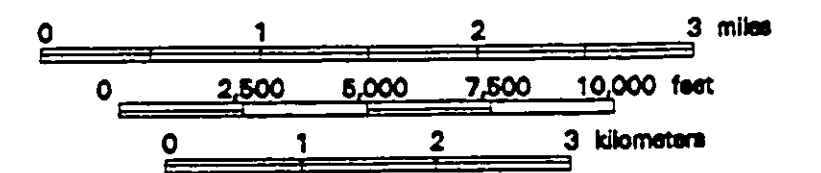
Federal - none  
State - none  
CNPS - 1B

**Density of Occurrence**

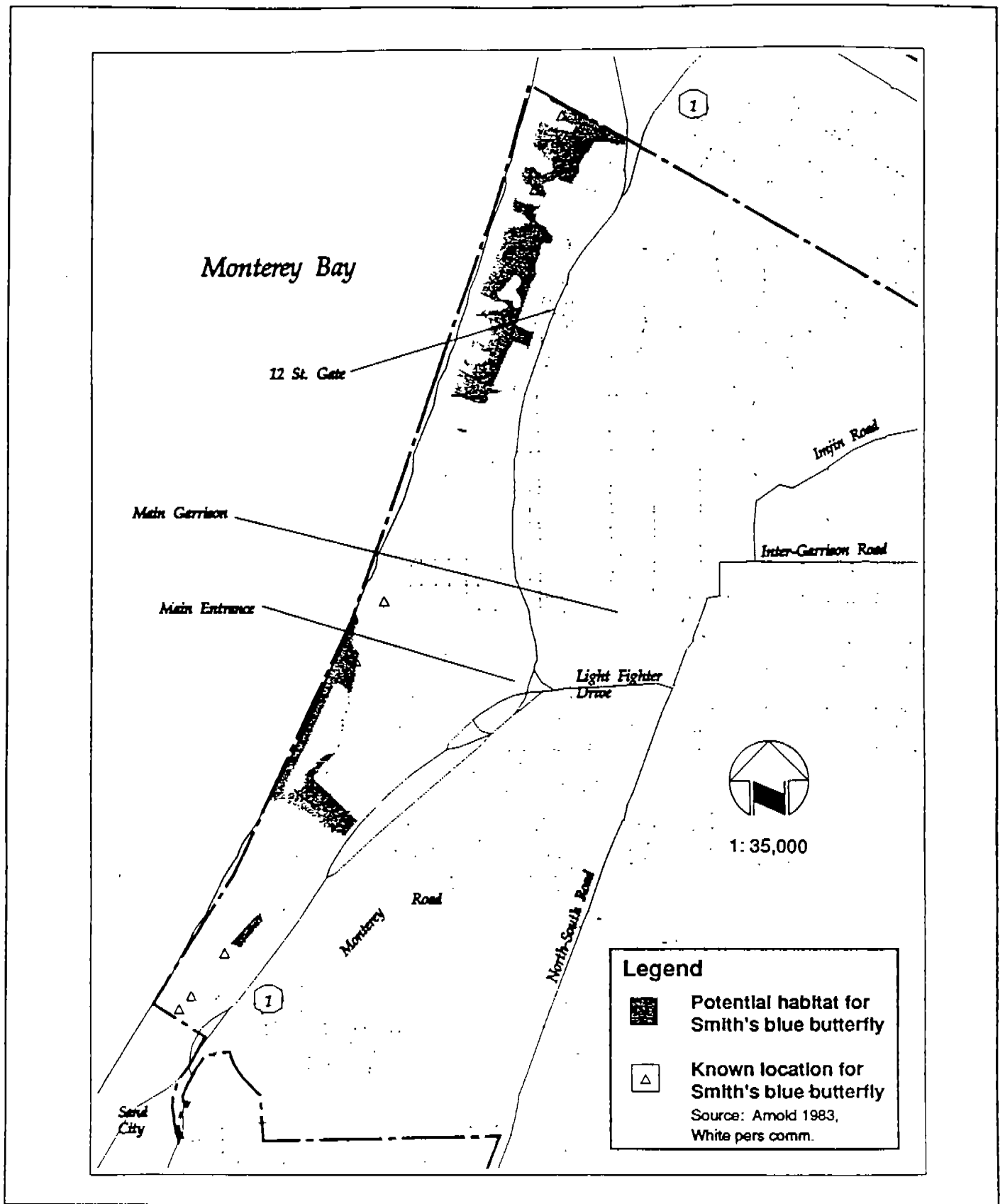
-  Low Density
-  Medium Density
-  High Density



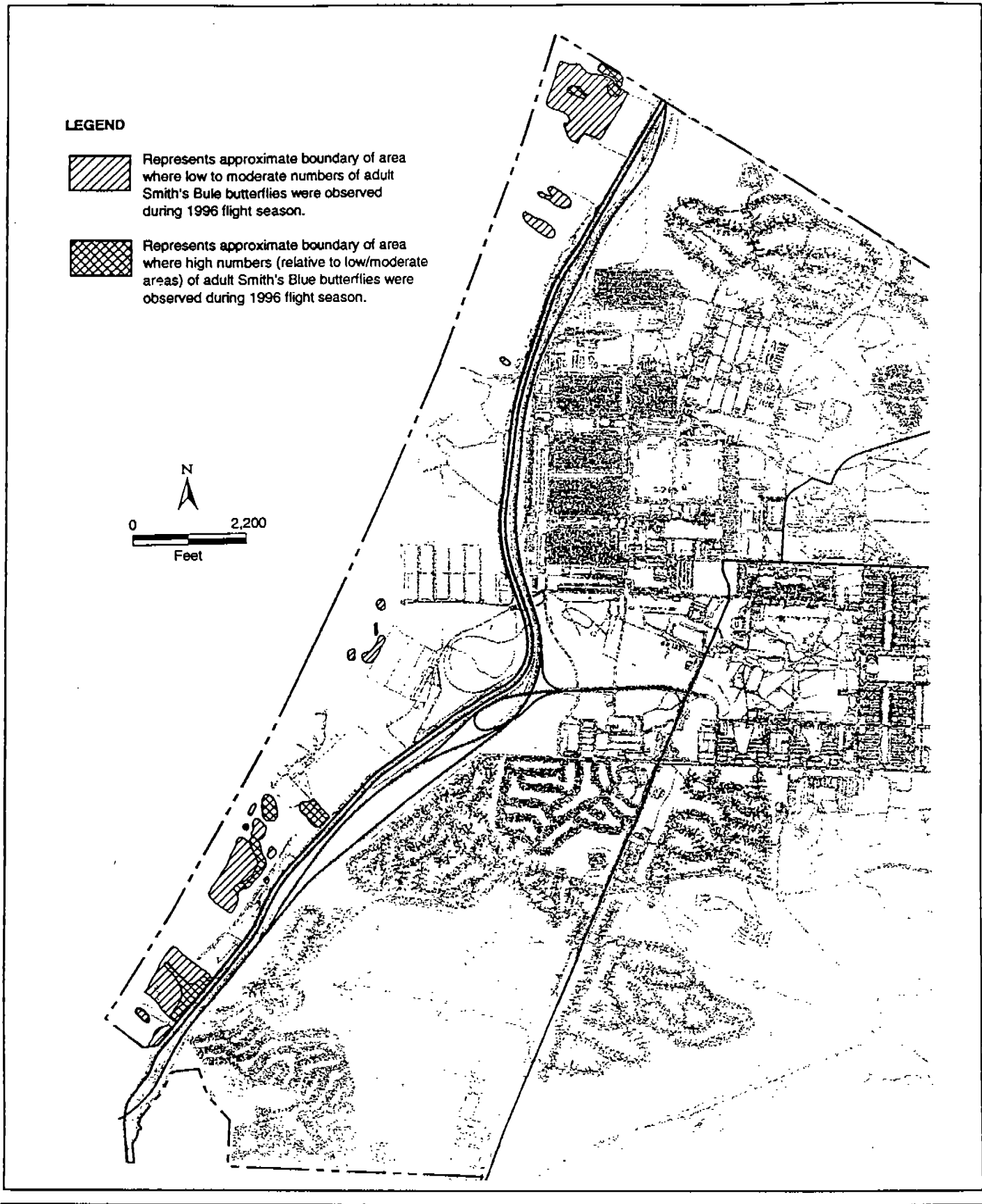
Scale 1:60,000



If this image is not as legible as this overlay, it's due to the poor quality of the original document



**Figure B-12a**  
**Potential and Occupied Habitat for Smith's Blue Butterfly**  
**Based on 1992 Survey Data**



**Figure B-12b**  
**Occupied Smith's Blue Butterfly Habitat Based on 1996 Inventories**

Potential and Occupied Habitat for California Linderiella

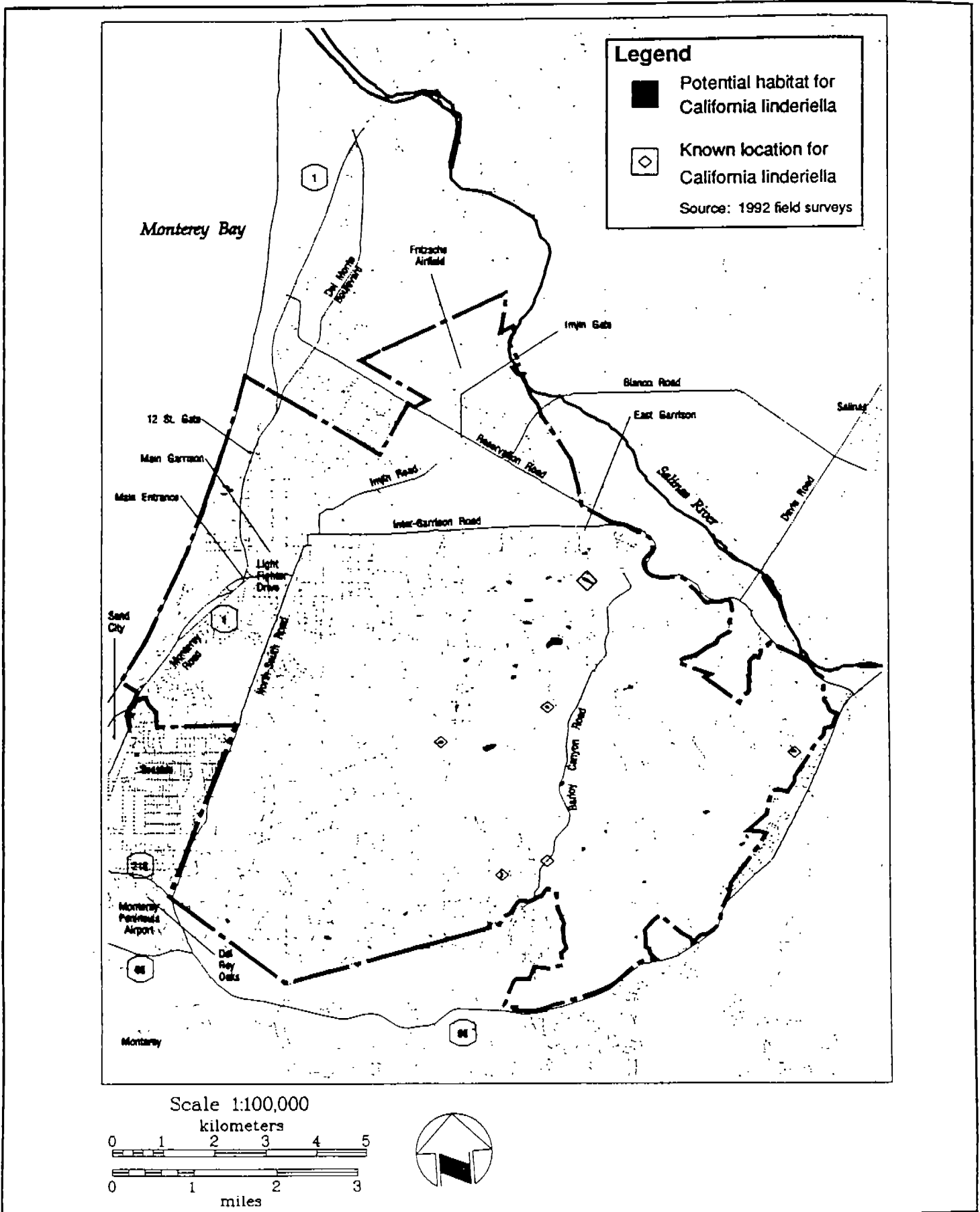
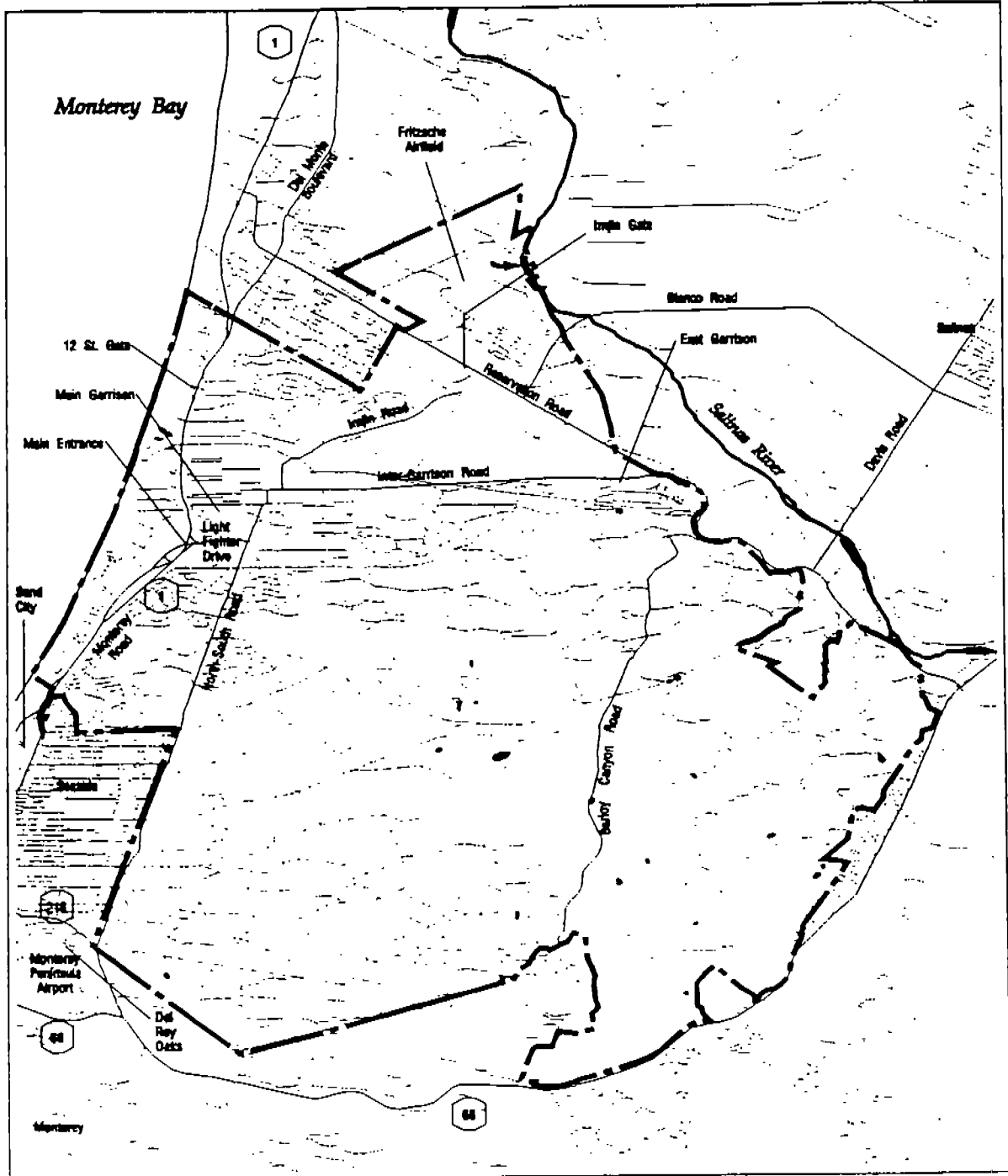





Figure B-14  
 Potential Habitat for California Red-Legged Frog



**Legend**

 Potential habitat for California red-legged frog



Scale 1:100,000

kilometers

0 1 2 3 4 5

miles

0 1 2 3

Figure B-15  
Potential and Occupied Habitat for Western Snowy Plover

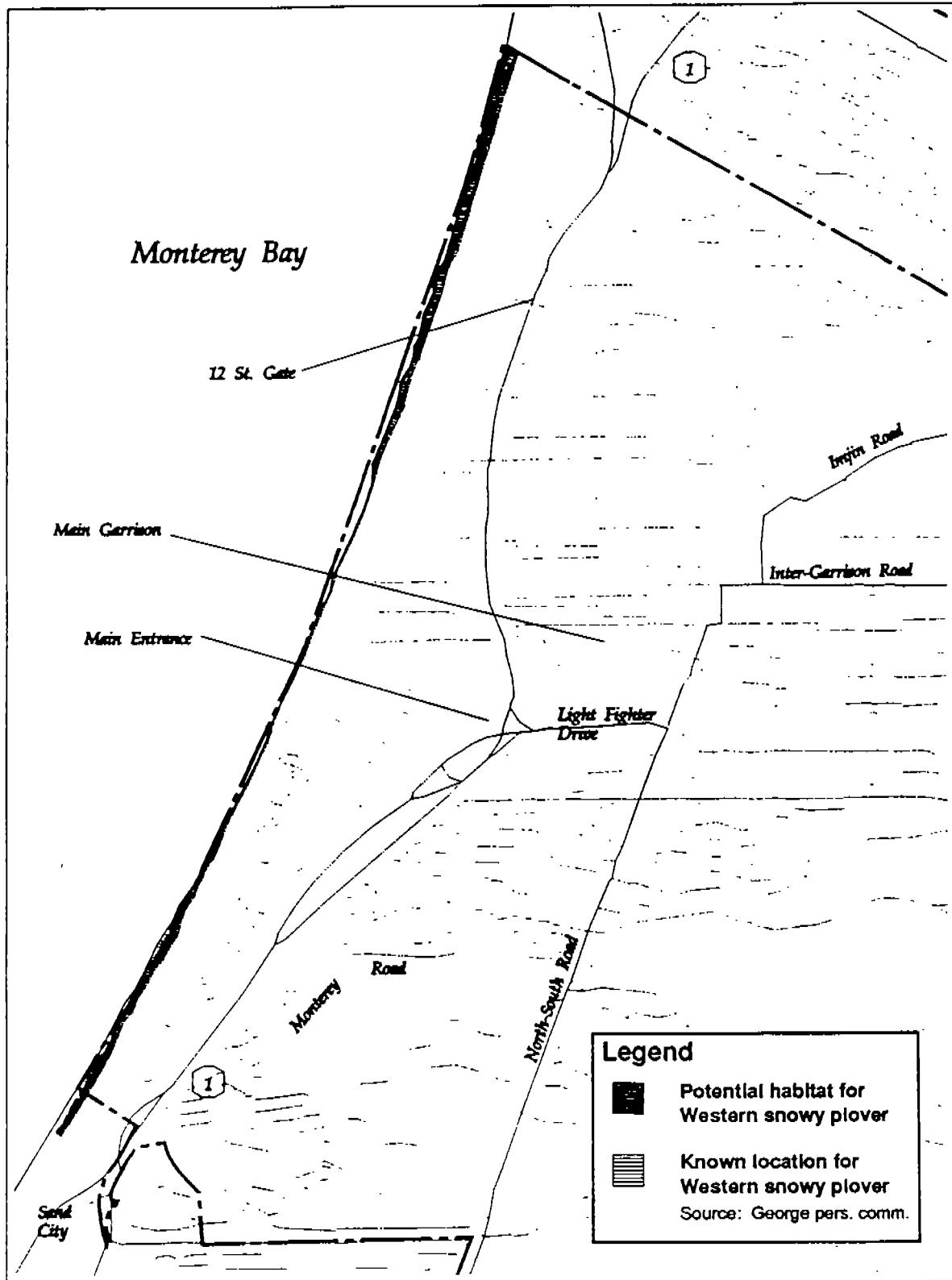


Figure B-16

# Potential and Occupied Habitat for California Black Legless Lizard

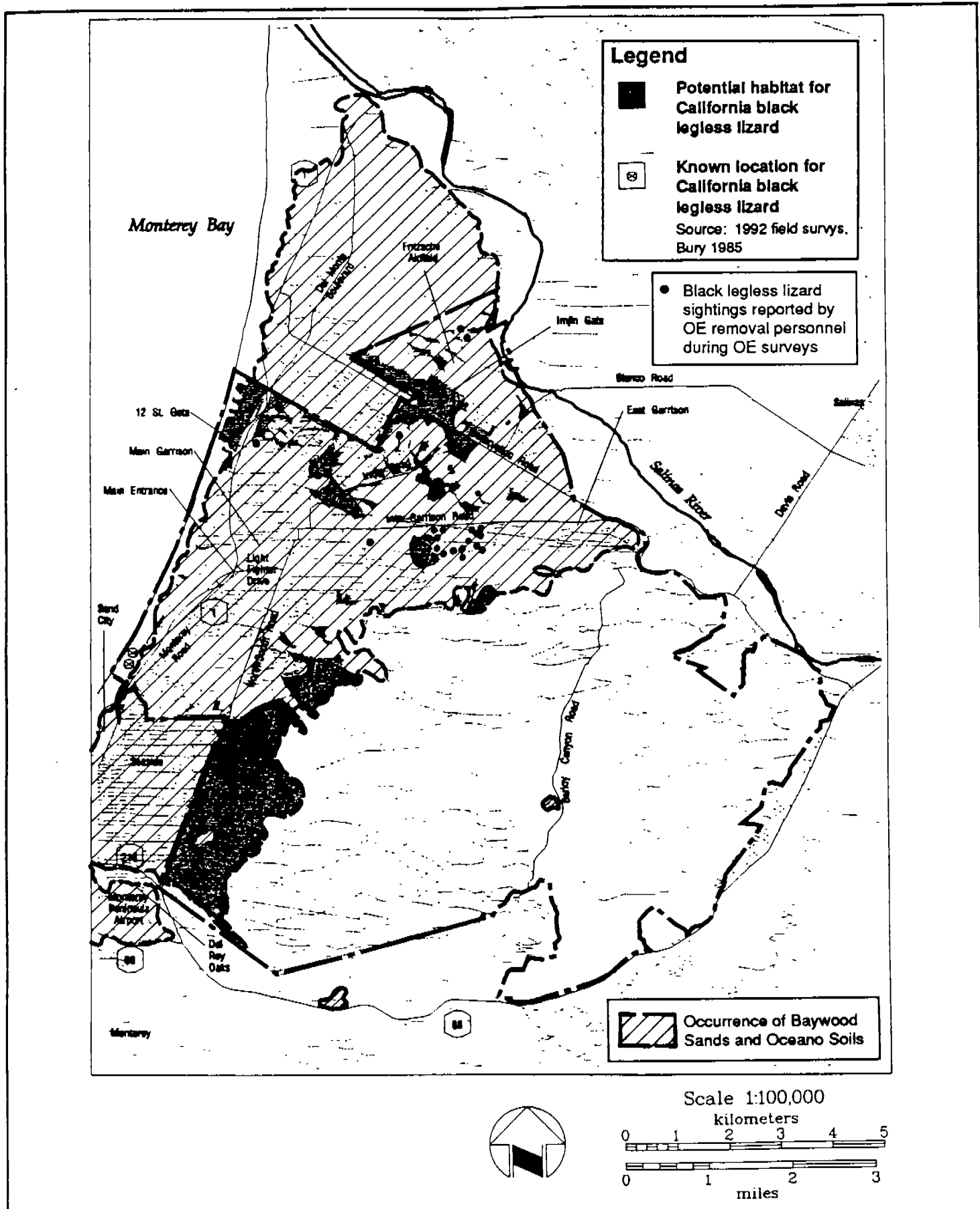


Figure B-17

Potential and Occupied Habitat for California Tiger Salamander

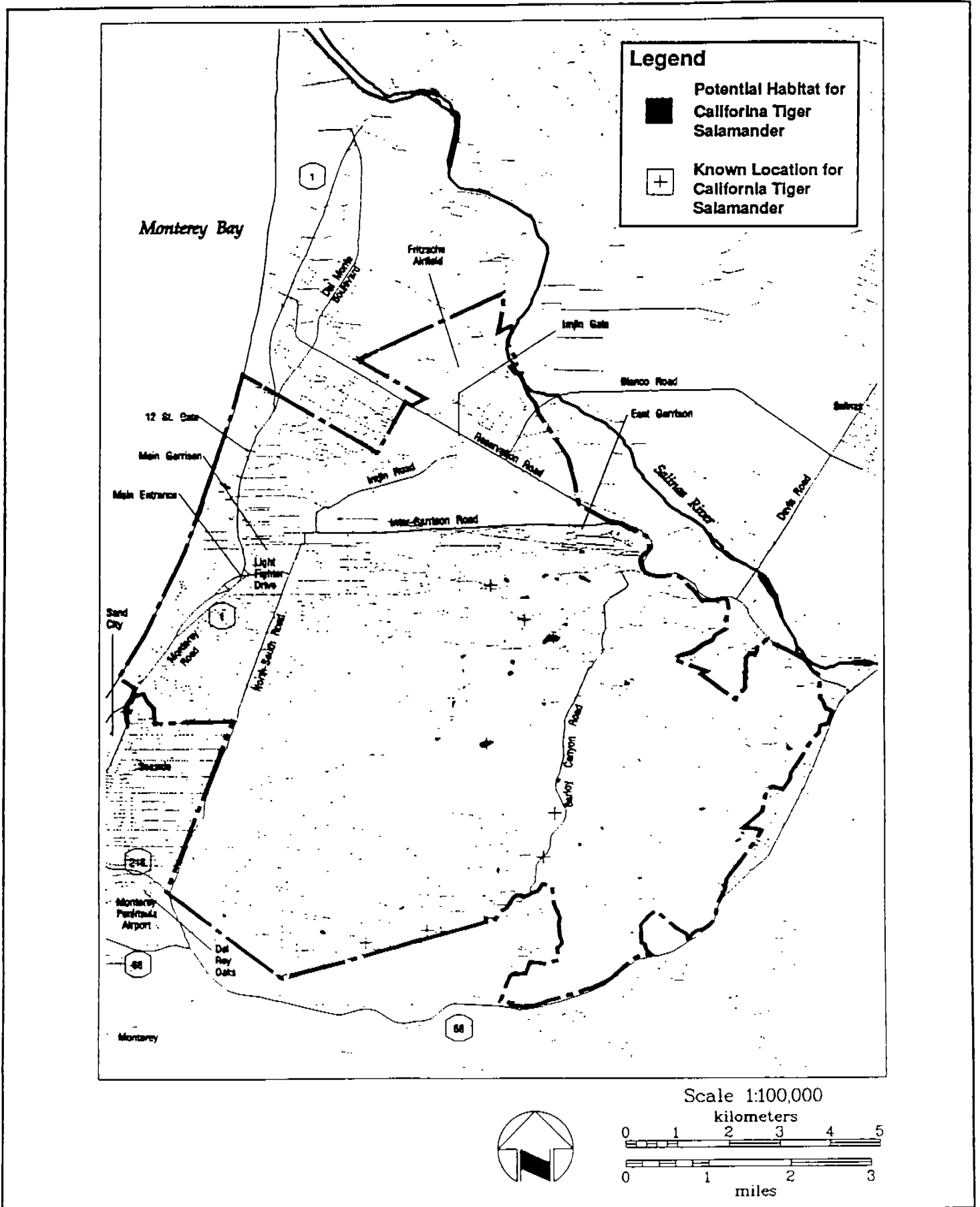
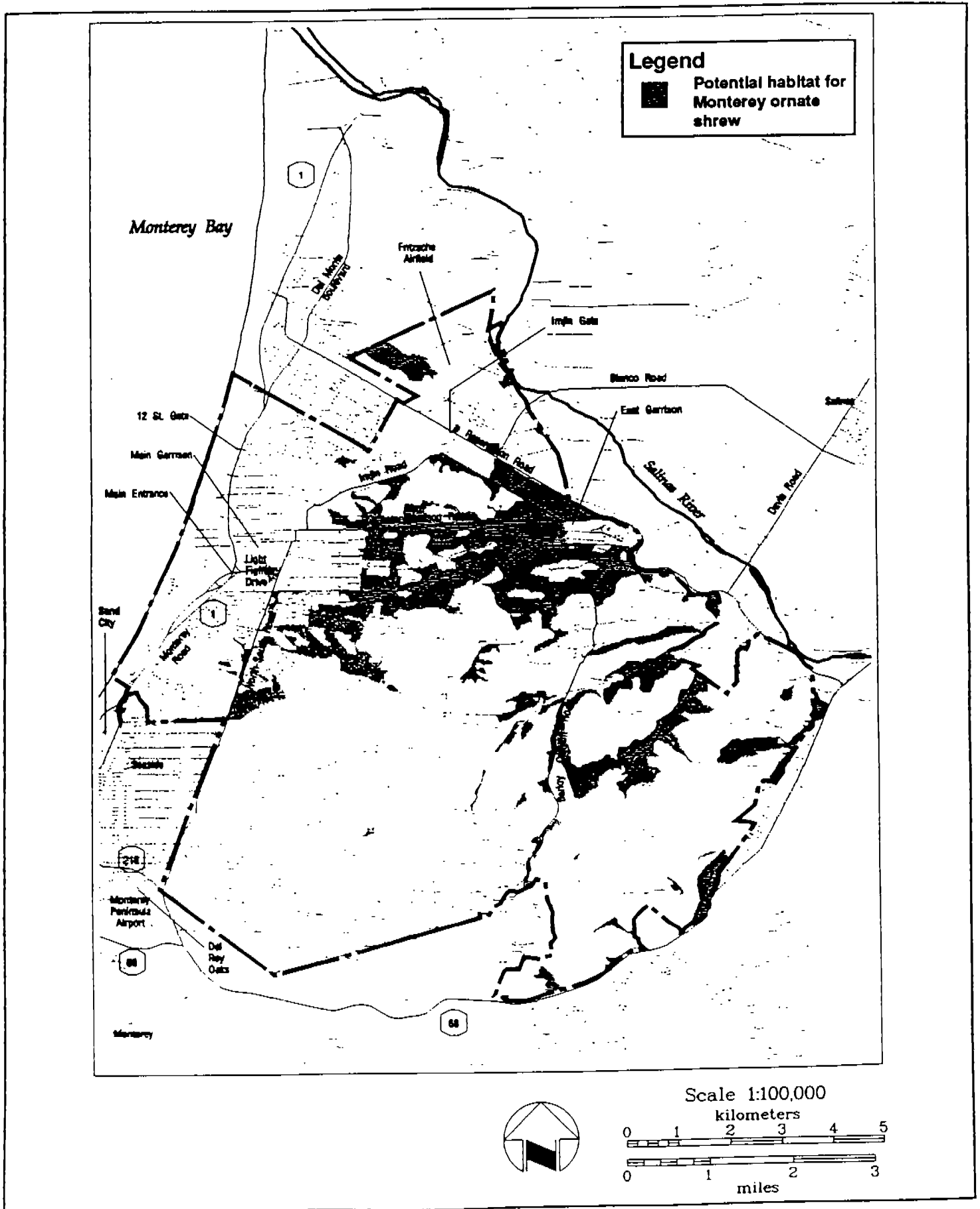


Figure B-18  
Potential Habitat for Monterey Ornate Shrew





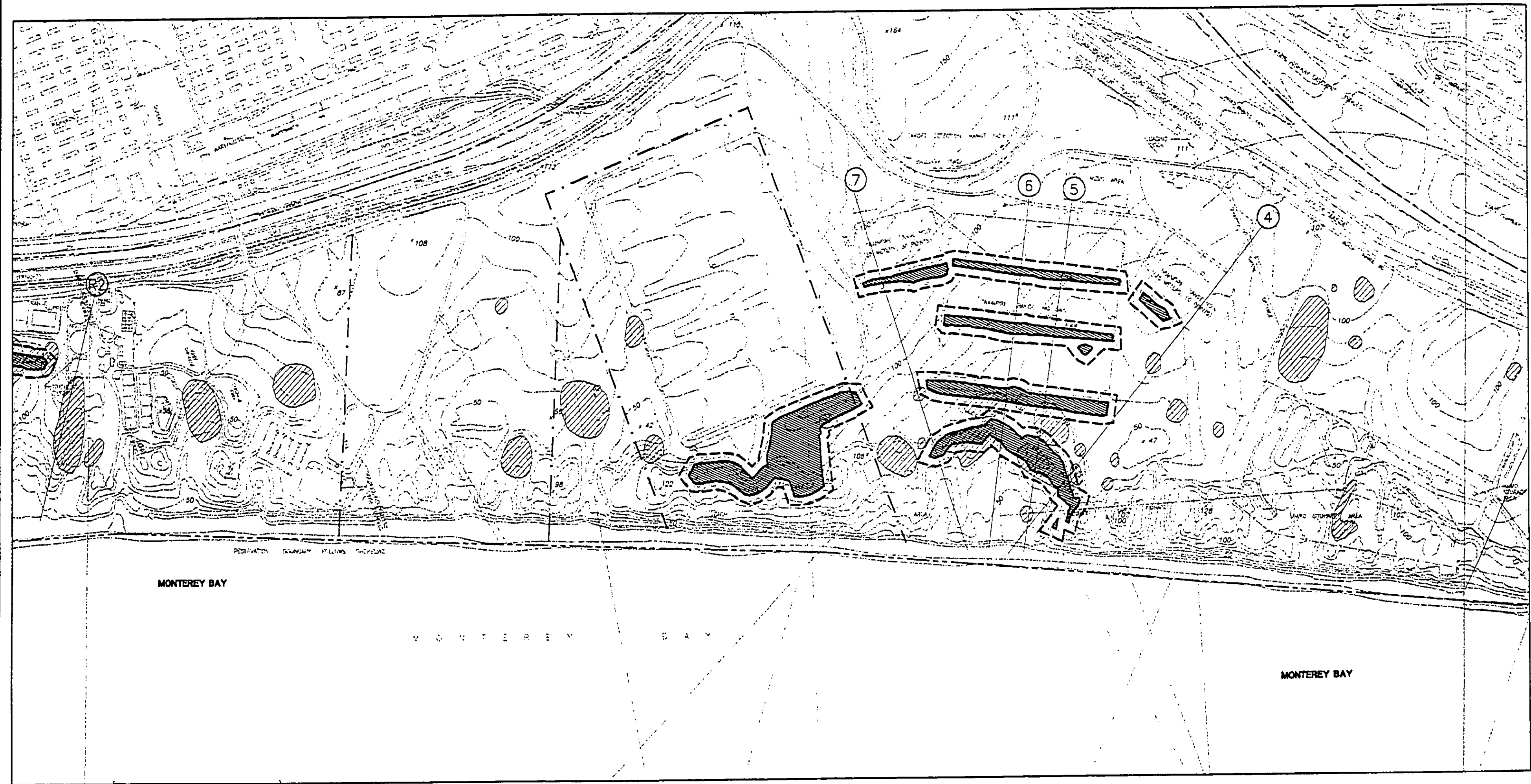
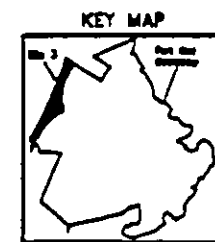


Figure B-19

Continued

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**EXPLANATION**

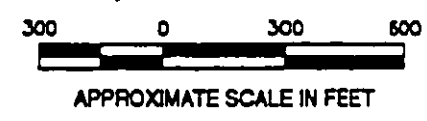
- SITE BOUNDARY
- - - STUDY AREA BOUNDARY
- 160 GROUND SURFACE CONTOUR (FEET ABOVE MEAN SEA LEVEL, CONTOUR INTERVAL 10 FEET)
- 140 BUILDING
- HEAVY, 10% OR GREATER SURFACE AREA COVERED
- 50 FOOT OFFSET LINE FROM 10% CONCENTRATION BOUNDARY

- BUCKWHEAT AREAS
- ② RANGE TRANSECT
- B1 BACKGROUND SAMPLE LOCATION

NOTE: REMEDIATION AREAS DO NOT INCLUDE CONSTRUCTION ACCESS ROUTES OR SITE REGRADING AREAS.

**LEGEND**

- Buckwheat Areas (approximate location based on 1995 survey)
- Proposed Lead Removal Areas



NO. DATE	REVISIONS	BY	CHK	DATE	DRAWN: BWH ENGINEER: CHECKED: APPROVED:	PROJECT NO: 29684 00273 SCALE: 300 APPROVED:	<b>Harding Lawson Associates</b> Engineering and Environmental Services 90 Digital Drive Novato, California 94948 Phone (415) 883-0112	DRAFT Additional Ecological Risk Evaluations Site 3 - Beach Train/Intra Ranges Fort Ord, California	Location of Proposed Lead Remediation Sites, 50-foot Construction Disturbance Zones, and Potentially Effected Buckwheat Populations	PLATE 1 SHEET: 2 OF 3 REVISION NUMBER: 0 DATE: 4/97
					DATE:	DATE:				



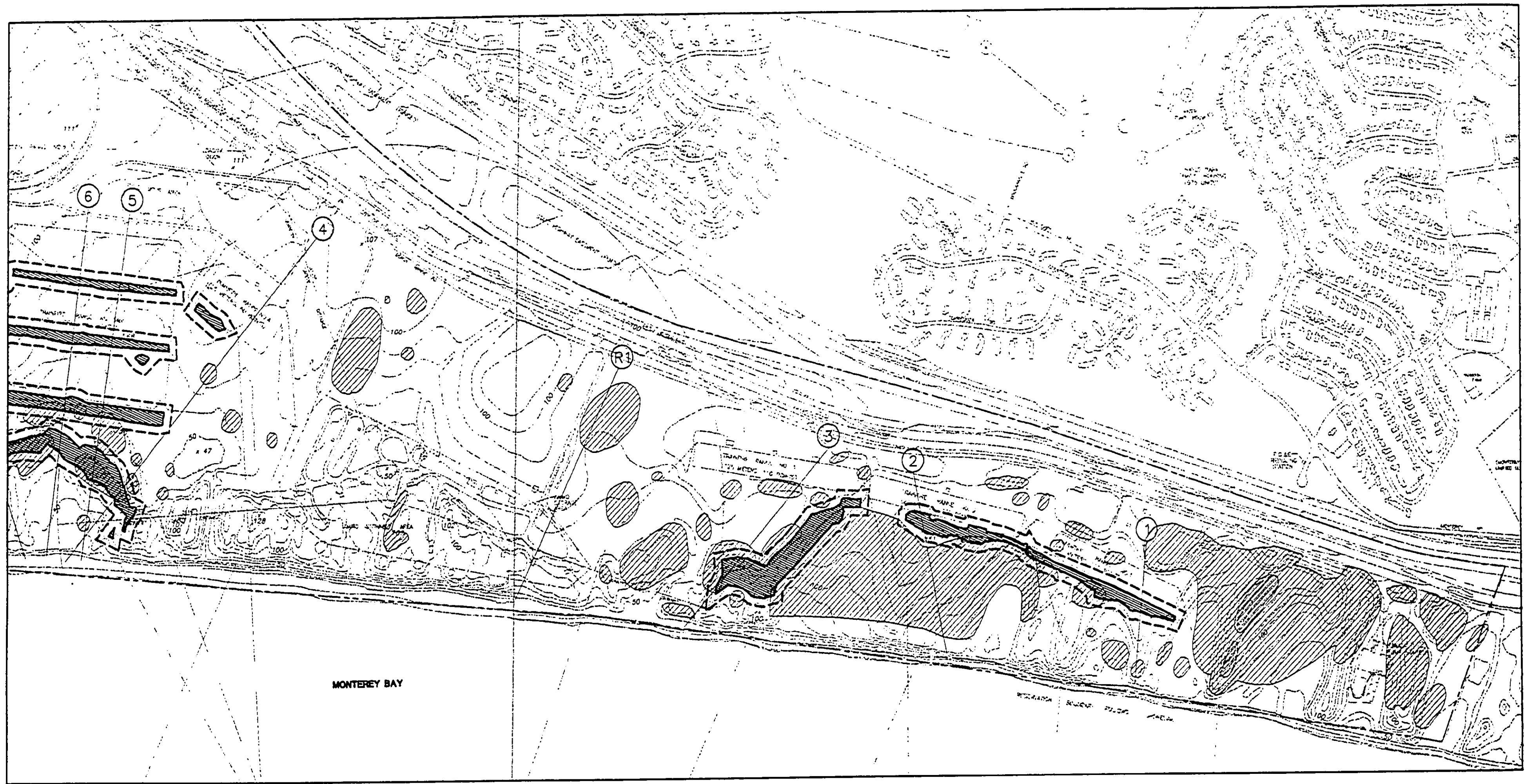
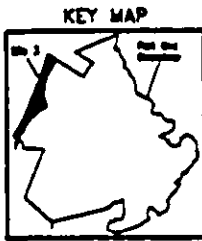


Figure B-19

Continued



**EXPLANATION**

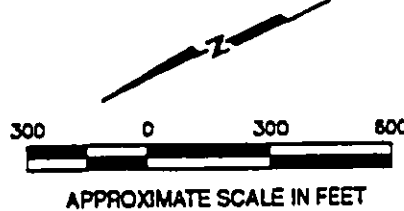
- SITE BOUNDARY
- - - STUDY AREA BOUNDARY
- 160 GROUND SURFACE CONTOUR (FEET ABOVE MEAN SEA LEVEL, CONTOUR INTERVAL 10 FEET)
- 1480 BUILDING
- HEAVY, 10% OR GREATER SURFACE AREA COVERED
- 50 FOOT OFFSET LINE FROM 10% CONCENTRATION BOUNDARY

- BUCKWHEAT AREAS
- 2 RANGE TRANSECT
- B1 BACKGROUND SAMPLE LOCATION

NOTE: REMEDIATION AREAS DO NOT INCLUDE CONSTRUCTION ACCESS ROUTES OR SITE REGRADING AREAS.

**LEGEND**

- Buckwheat Areas (approximate location based on 1995 survey)
- Proposed Lead Removal Areas



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DRAWN: BWH		PROJECT NO: 29684 00273		<b>Harding Lawson Associates</b> Engineering and Environmental Services 80 Digital Drive Novato, California 94948 Phone (415) 883-0112		DRAFT		Location of Proposed Lead Remediation Sites, 50-foot Construction Disturbance Zones, and Potentially Effected Buckwheat Populations		PLATE	1
ENGINEER:		SCALE: 300								SHEET:	3 of 3
CHECKED:		APPROVED:				REVISION NUMBER:	0				
NO.	DATE	REVISIONS	BY	CHK	DATE	Additional Ecological Risk Evaluations Site 3 - Beach Trainfire Ranges Fort Ord, California		DATE:	4/97		