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SENSITIVE SPECIES of NEVADA

1990 REPORT

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**Bureau of Land Management
Las Vegas District**

**Nevada Natural Heritage Program
123 W. Nye Lane, Room 168
Carson City, NV 89710**

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**SENSITIVE SPECIES OF NEVADA
1990 REPORT**

The Nevada Natural Heritage Program has assimilated data on endangered, threatened, rare, and sensitive species throughout the state. Our database in Carson City maintains detailed maps, file data, and a computerized information on 110 vertebrates, 60 invertebrates and 228 sensitive plants. The program has computerized 1500 references and 2000 occurrences of sensitive taxa in Nevada. Broader data on distribution, habitat, and general biology of every vertebrate in the state are computerized. Please note that individual records of the desert tortoise and Lahontan cutthroat trout have not been mapped and are not included. These reports should not be considered the final word as our data are gathered from a variety of sources, many are dated, and some areas of the state have never been thoroughly surveyed.

The enclosed listings are sorted by BLM District and include fields pertaining to site information and population status. A complete print out has been supplied to the State Office in Reno. For clarifications, please call the Natural Heritage Program. We hope that these data will be used in a wide array of planning programs in order that our sensitive species will receive appropriate considerations and protection against further losses and habitat deterioration.

We urge field workers to respond with new distributional information, updates on population status, and any elaborations that will assist in the maintenance of a current inventory of the diverse biota of Nevada.

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Key to the Sensitive Species List

Protection Status Federal Status Key

The standard abbreviations for federal endangerment status as published in the Federal Register by the USFWS, Office of Endangered Species. The status for candidates and their meanings are discussed in each Federal Register notice. The following is a list of the standard USFWS abbreviations used in this field.

LE = Listed endangered
LT = Listed threatened
LELT = Listed endangered in part of range, threatened in a different part
PE = Proposed endangered
PT = Proposed threatened
PEPT = Proposed endangered, threatened
C1 = Candidate, category 1
C1* = C1, but lacking known occurrences
C1** = C1, but lacking known occurrences, except in captivity/cultivation
C2 = Candidate, category 2
C2* = C2, but lacking known occurrences
C2** = C2, but lacking known occurrences, except in captivity/cultivation
3A = Former candidate, rejected because presumed extinct
3B = " " , rejected because a synonym or hybrid
3C = " " , rejected because more common or adequately protected
S/A = Similarity of appearance species
XN = Nonessential experimental population
XE = Essential experimental population

State Status

NRS: (Fauna) State protection under NRS 501.331, NRS 501.337, NRS 501.375, NRS 501.386. (Yes /No)

NRS: (Flora) State protection under NRS 527

CE: Critically endangered

CY: Cactus and Yucca Law

#: Recommended for critically endangered, pending formal listing

NNNPS: Northern Nevada Native Plant Society Sensitive Species List:

PE - Possibly extinct
W - Watch
D - Deleted
E - Recommended federal endangered
T - Recommended federal threatened

County: **NVNYEX** - Nye **NVELKO** - Elko **NVWASH** - Washoe
 NVLAND - Lander **NVEURE** - Eureka **NVPERS** - Pershing
 NVSTOR - Storey **NVLYON** - Lyon **NVHUMB** - Humboldt
 NVCLAR - Clark **NVCHUR** - Churchill **NVLINC** - Lincoln
 NVDOUG - Douglas **NVESME** - Esmeralda **NVMINE** - Mineral
 NVWHIT - White Pine
 NVCARS - Carson City

Township/Range: "0's" replace "T" and "R" respectively.
 U - Unsurveyed

Precision: Accuracy of locality mappable within ...
 S - three second radius **G** - quad or placename
 M - one minute radius **U** - unmappable
 SC - Confirmed, exact
 SO or **MO** - Obscure, element and/or appropriate habitat not
 found in indicated area

Elevation: Reported in feet.

Ownership/Mgmt.:

BLM - Bureau of Land Management
USFS - U.S. Forest Service
USFWS - U.S. Fish & Wildlife Service
DOE - Department of Energy
DOD - Department of Defense
NPS - National Park Service
BI - Bureau of Indian Affairs
USAF - U.S. Air Force
NTS - Nevada Test Site
Nellis BGR - Nellis Bombing and Gunnery Range
NSP - Nevada State Parks
NDOW - Nevada Division of Wildlife
NDOT - Nevada Department of Transportation
TNC - The Nature Conservancy

Note: If BLM is not designated as being an Owner/Manager on the data sheet it has been assumed that there is an association with the owner or the element occurs near ownership boundaries. We have additional items in our database (localities on private lands and other managed areas adjacent to BLM lands) that are not included in our print outs, even though they do occur within various BLM Districts. This is particularly true for fish data.

AMPHIBIANS & REPTILES

GOPHERUS AGASSIZII
DESERT TORTOISE

PROTECTION STATUS
FEDERAL: LT NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 2500 COUNTY: NVLINC
LAST OBSERVED : PRECISION: G

TOWNSHIP/RANGE: 011S063E QUADNAME: WILCAT WASH NW
SECTION: 33 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
COYOTE SPRINGS VALLEY, BETWEEN DELAMAR AND SHEEP RANGES

GENERAL SITE DESCRIPTION:

SPECIES DATA:
HIGH DENSITY, 140/SQ MI (NDOW).

INFO SOURCE:

OWNERSHIP/MGMT.: BLM/LAS VEGAS

GOPHERUS AGASSIZII
DESERT TORTOISE

PROTECTION STATUS
FEDERAL: LT NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 3400 COUNTY: NVNYEX
LAST OBSERVED : 1981-10 PRECISION: S

TOWNSHIP/RANGE: 013S049E QUADNAME: BUSTED BUTTE
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
WEST SIDE OF FORTYMILE CANYON

GENERAL SITE DESCRIPTION:
ROCKY SURFACE, LOAMY BELOW. LARREA, AMBROSIA, EPHEDRA, AND BROMUS COMMUNITY.

SPECIES DATA:
90-100/SQ MI, MODERATE DENSITY (NDOW).

INFO SOURCE: EG&G REPORT. P.A. MEDICA, T.P. O'FARRELL, E. COLLINS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

GOPHERUS AGASSIZII
DESERT TORTOISE

PROTECTION STATUS
FEDERAL: LT NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 2500 COUNTY: NVLINC
LAST OBSERVED : PRECISION: G

TOWNSHIP/RANGE: 011S063E QUADNAME: WILCAT WASH NW
SECTION: 33 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
COYOTE SPRINGS VALLEY, BETWEEN DELAMAR AND SHEEP RANGES

GENERAL SITE DESCRIPTION:

SPECIES DATA:
HIGH DENSITY, 140/SQ MI (NDOW).

INFO SOURCE:

OWNERSHIP/MGMT.: BLM/LAS VEGAS

GOPHERUS AGASSIZII
DESERT TORTOISE

PROTECTION STATUS
FEDERAL: LT NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 3400 COUNTY: NVNYEX
LAST OBSERVED : 1981-10 PRECISION: S

TOWNSHIP/RANGE: 013S049E QUADNAME: BUSTED BUTTE
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
WEST SIDE OF FORTYMILE CANYON

GENERAL SITE DESCRIPTION:
ROCKY SURFACE, LOAMY BELOW. LARREA, AMBROSIA, EPHEDRA, AND BROMUS COMMUNITY.

SPECIES DATA:
90-100/SQ MI, MODERATE DENSITY (NDOW).

INFO SOURCE: EG&G REPORT. P.A. MEDICA, T.P. O'FARRELL, E. COLLINS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

GOPHERUS AGASSIZII
DESERT TORTOISE

PROTECTION STATUS
FEDERAL: LT NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 2750 COUNTY: NVNYEX
LAST OBSERVED : 1980- PRECISION: G

TOWNSHIP/RANGE: 019S052E QUADNAME: LAST CHANCE RIDGE
SECTION: 22 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
PAHRUMP

GENERAL SITE DESCRIPTION:

SPECIES DATA:
MODERATE DENSITY (NDOW) 40-90/SQ MI.

INFO SOURCE:

OWNERSHIP/MGMT.: BLM/LAS VEGAS

GOPHERUS AGASSIZII
DESERT TORTOISE

PROTECTION STATUS
FEDERAL: LT NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 3400 COUNTY: NVCLAR
LAST OBSERVED : 1980- PRECISION: G

TOWNSHIP/RANGE: 022S059E QUADNAME: BLUE DIAMOND
SECTION: 08 TOWNSHIP COMMENT: & T21S R58E

DIRECTIONS TO SITE:
BLUE DIAMOND

GENERAL SITE DESCRIPTION:
MARGINAL HABITAT.

SPECIES DATA:
MODERATE DENSITY (NDOW) 74/SQ MI.

INFO SOURCE: TURNER, R.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

GOPHERUS AGASSIZII
DESERT TORTOISE

PROTECTION STATUS
FEDERAL: LT NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 2650 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: G

TOWNSHIP/RANGE: 016S063E QUADNAME: ARROW CANYON SW
SECTION: 17 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
HIDDEN VALLEY

GENERAL SITE DESCRIPTION:

SPECIES DATA:
HIGH DENSITY (NDOW) 140/SQ MI.

INFO SOURCE:

OWNERSHIP/MGMT.: BLM/LAS VEGAS

GOPHERUS AGASSIZII
DESERT TORTOISE

PROTECTION STATUS
FEDERAL: LT NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 2460 COUNTY: NVCLAR
LAST OBSERVED : 1980- PRECISION: G

TOWNSHIP/RANGE: 017S066E QUADNAME: PIUTE POINT
SECTION: 08 TOWNSHIP COMMENT: & R67E

DIRECTIONS TO SITE:
VALLEY OF FIRE, SLOPES OF MUDDY MOUNTAINS

GENERAL SITE DESCRIPTION:
CALICHE CAVES AND WASHES.

SPECIES DATA:
90-140/SQ MI, MODERATE TO HIGH DENSITY (NDOW).

INFO SOURCE: TURNER, R.

OWNERSHIP/MGMT.: BLM/LV, NSP/VALLEY OF FIRE

GOPHERUS AGASSIZII
DESERT TORTOISE

PROTECTION STATUS
FEDERAL: LT NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 3180 COUNTY: NVCLAR
LAST OBSERVED : 1984-04 PRECISION: M

TOWNSHIP/RANGE: 025S060E QUADNAME: ROACH
SECTION: 31 TOWNSHIP COMMENT: S32, T26S S6,5

DIRECTIONS TO SITE:
SHEEP MOUNTAIN PERMANENT STUDY PLOT, SE OF JEAN, 30 MI S LAS VEGAS, E OF HWY
25

GENERAL SITE DESCRIPTION:

SPECIES DATA:
74/SQ MI, MODERATE DENSITY (NDOW).

INFO SOURCE: ESQUE, T.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

GOPHERUS AGASSIZII
DESERT TORTOISE

PROTECTION STATUS
FEDERAL: LT NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1979 ELEVATION: 3040 COUNTY: NVCLAR
LAST OBSERVED : 1980- PRECISION: G

TOWNSHIP/RANGE: 025S059E QUADNAME: GOODSPRINGS
SECTION: TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GOODSPRINGS - JEAN SOUTH INTO IVANPAH VALLEY

GENERAL SITE DESCRIPTION:

SPECIES DATA:
MODERATE DENSITY (NDOW) 40-90/SQ MI.

INFO SOURCE: TURNER, R.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

GOPHERUS AGASSIZII
DESERT TORTOISE

PROTECTION STATUS
FEDERAL: LT NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 2600 COUNTY: NVCLAR
LAST OBSERVED : 1989 PRECISION: G

TOWNSHIP/RANGE: 030S063E QUADNAME: SEARCHLIGHT
SECTION: 34 TOWNSHIP COMMENT: THROUGHOUT VALLEY

DIRECTIONS TO SITE:
PIUTE VALLEY, 11.2 MI S OF SEARCHLIGHT, 2.5 MI WEST OF CAL-NEVA ALONG HWY 95

GENERAL SITE DESCRIPTION:

SPECIES DATA:
175-225/SQ MI, HIGH DENSITY (NDOW).

INFO SOURCE: MORTIMORE, C.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1963 ELEVATION: 1820 COUNTY: NVCLAR
LAST OBSERVED : 1963-05-07 PRECISION: G

TOWNSHIP/RANGE: 020S062E QUADNAME: FRENCHMAN MTN
SECTION: 12 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
BASE OF SUNRISE MT, E OF LAS VEGAS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BRADLEY AND DEACON. 1966. COPEIA. (2):365-366. R454 UNLV BIOLOGY
MUSEUM SPECIMEN.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1959 ELEVATION: 3000 COUNTY: NVCLAR
LAST OBSERVED : 1959-FALL PRECISION: G

TOWNSHIP/RANGE: 023S062E QUADNAME: SLOAN
SECTION: 17 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
BASE OF BLACK MOUNTAIN S OF HENDERSON

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BRADLEY AND DEACON. 1966. COPEIA. (2):365-366. UNLV BIOLOGY MUSEUM
R666.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 3700 COUNTY: NVLINC
LAST OBSERVED : PRECISION: G

TOWNSHIP/RANGE: 012S066E QUADNAME: ROX NE
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
BASE OF THE MORMON MOUNTAINS ABOUT 3.5 MI N OF LINCOLN-CLARK CO LINE, 14 MI E
OF MEADOW VALLEY.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BRADLEY AND DEACON. 1966. COPEIA. (2):365-366. SPECIMEN UNLV
BIOLOGY MUSEUM.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1964 ELEVATION: 2380 COUNTY: NVCLAR
LAST OBSERVED : 1964-05-16 PRECISION: M

TOWNSHIP/RANGE: 013S064E QUADNAME: WILDCAT WASH SE
SECTION: 07 TOWNSHIP COMMENT: NW4NW4

DIRECTIONS TO SITE:
MOAPA VALLEY 1 MI S LINCOLN CO. LINE NEAR HWY 93

GENERAL SITE DESCRIPTION:
COYOTE SPRING VALLEY.

SPECIES DATA:
2 SPECIMENS.

INFO SOURCE: BRADLEY AND DEACON. COPEIA. 66(2):365-366. SPECIMENS R668 AND R669
UNLV BIOLOGY MUSEUM.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1964 ELEVATION: 1492 COUNTY: NVCLAR
LAST OBSERVED : 1964-05-01 PRECISION: M

TOWNSHIP/RANGE: 015S065E QUADNAME: MOAPA EAST
SECTION: 01 TOWNSHIP COMMENT: NE4SW4SW4

DIRECTIONS TO SITE:
1 MI S OF GLENDALE ALONG THE MOAPA RIVER

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BRADLEY AND DEACON. COPEIA. 66(2):365-366. SPECIMEN R667 UNLV
BIOLOGY MUSEUM.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 4200 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: G

TOWNSHIP/RANGE: 021S058E QUADNAME: BLUE DIAMOND
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

RED ROCK AREA AT BASE OF EAST SLOPE OF THE SPRING RANGE (CHARLESTON MTS) 15
MI W OF LAS VEGAS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BRADLEY AND DEACON. 1966. COPEIA. (2):365-366. R845 UNLV BIOLOGY
MUSEUM SPECIMEN.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 1279 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: M

TOWNSHIP/RANGE: 019S068E QUADNAME: ECHO BAY
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

NEAR ECHO BAY ON LAKE MEAD NATIONAL RECREATION AREA

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BRADLEY AND DEACON. 1966. COPEIA. (2):365-366. R844 UNLV BIOLOGY
MUSEUM SPECIMEN.
OWNERSHIP/MGMT.: NPS/LAKE MEAD, BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1939 ELEVATION: 1476 COUNTY: NVCLAR
LAST OBSERVED : 1939- PRECISION: G

TOWNSHIP/RANGE: 014S069E QUADNAME: OVERTON NE
SECTION: 33 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
VIRGIN RIVER 8 MI BELOW BUNKERVILLE

GENERAL SITE DESCRIPTION:

SPECIES DATA:
1 SPECIMEN.

INFO SOURCE: LINSDALE. 1940. AMPHIBIANS AND REPTILES OF NV. SPECIMEN IN USNM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1985 ELEVATION: 3600 COUNTY: NVCLAR
LAST OBSERVED : 1985-05-09 PRECISION: SC

TOWNSHIP/RANGE: 022S059E QUADNAME: BLUE DIAMOND
SECTION: 18 TOWNSHIP COMMENT: N2NE4

DIRECTIONS TO SITE:
JUST S OF BLUE DIAMOND, W OF LAS VEGAS.

GENERAL SITE DESCRIPTION:

SPECIES DATA:
AN ADULT SEEN.

INFO SOURCE: HALEY, ROSS. NDOW, LAS VEGAS. PHONE CALL AUG. 1987.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1966 ELEVATION: 3400 COUNTY: NVCLAR
LAST OBSERVED : 1966-05-27 PRECISION: G

TOWNSHIP/RANGE: 022S059E QUADNAME: BLUE DIAMOND
SECTION: 08 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
BLUE DIAMOND

GENERAL SITE DESCRIPTION:

SPECIES DATA:
KEPT AND FED IN CAPTIVITY.

INFO SOURCE: UNLV MUSEUM OF NATURAL HISTORY SPECIMEN R-2171.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1965 ELEVATION: 2020 COUNTY: NVCLAR
LAST OBSERVED : 1965-06-14 PRECISION: SC

TOWNSHIP/RANGE: 021S061E QUADNAME: LAS VEGAS SW
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
1/4 MI S OF TROPICANA ON MARYLAND PKWY

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: B.R. BROOKS #47., UNLV R-3283 SPECIMEN.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1985 ELEVATION: 1968 COUNTY: NVCLAR
LAST OBSERVED : 1985-02 PRECISION: S

TOWNSHIP/RANGE: 026S064E QUADNAME: NELSON
SECTION: 12 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
NELSON, ELDORADO CANYON, W OF LAKE MOHAVE, JUST W OF PARK BOUNDARY

GENERAL SITE DESCRIPTION:

SPECIES DATA:
PHOTOGRAPHED AND RELEASED.

INFO SOURCE: GIGUET, JEAN.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1981 ELEVATION: 0 COUNTY: NVLINC
LAST OBSERVED : 1981-04-24 PRECISION: M

TOWNSHIP/RANGE: 007S062E QUADNAME: ALAMO SE
SECTION: 29 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
SE ALAMO 26 MI

GENERAL SITE DESCRIPTION:
STEEP, ROCKY.

SPECIES DATA:
ONE WALKED SLUGGISHLY ACROSS ROAD.

INFO SOURCE: ANDREAS, CHUCK.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1979 ELEVATION: 0 COUNTY: NVLINC
LAST OBSERVED : 1979-05-06 PRECISION: G

TOWNSHIP/RANGE: 009S062E QUADNAME: LOWER PAHRANAGAT LAKE
SECTION: 04 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SOUTH PAHRANAGAT VALLEY

GENERAL SITE DESCRIPTION:
ROADSIDE, ALONG HIGHWAY.

SPECIES DATA:

INFO SOURCE: HALEY, ROSS.

OWNERSHIP/MGMT.: USFWS/PAHRANAGAT NWR, BLM/LV

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1984 ELEVATION: 0 COUNTY: NVLINC
LAST OBSERVED : 1984-04-18 PRECISION: SC

TOWNSHIP/RANGE: 008S067E QUADNAME: LYMAN CROSSING
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
1 MI S OF LEITH ON CARP-ELGIN RD

GENERAL SITE DESCRIPTION:
CREOSOTE/SCRUB.

SPECIES DATA:
BASKING 1500. ONE SPECIMEN IN GOOD SHAPE.

INFO SOURCE: HALEY, ROSS, GUERRERO, ED, D. HENDERSON.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1985 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1985-09-05 PRECISION: SC

TOWNSHIP/RANGE: 022S059E QUADNAME: BLUE DIAMOND
SECTION: 18 TOWNSHIP COMMENT: N2E4

DIRECTIONS TO SITE:
2 WASHES SW OF BLUE DIAMOND

GENERAL SITE DESCRIPTION:

SPECIES DATA:
CAPTURED AND RELEASED, 1530.

INFO SOURCE: HALEY, ROSS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 023S062E QUADNAME: SLOAN
SECTION: 26 TOWNSHIP COMMENT: SE2NW4

DIRECTIONS TO SITE:
MC CULLOUGHES

GENERAL SITE DESCRIPTION:
CREOSOTE/WASH.

SPECIES DATA:
1 DEAD AND MUMIFIED.

INFO SOURCE: HALEY, ROSS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1977 ELEVATION: 0 COUNTY: NVLINC
LAST OBSERVED : 1977-05 PRECISION: M

TOWNSHIP/RANGE: 011S066E QUADNAME: ROX NE
SECTION: 04 TOWNSHIP COMMENT: SECTION 5, UNSURVEYED

DIRECTIONS TO SITE:
LOWER MEADOW VALLEY WASH

GENERAL SITE DESCRIPTION:
CREOSOTE TO RIPARIAN.

SPECIES DATA:
12" LONG, CROSSING ROAD.

INFO SOURCE: HALEY, ROSS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1978 ELEVATION: 0 COUNTY: NVLINC
LAST OBSERVED : 1978-06-25 PRECISION: M

TOWNSHIP/RANGE: 011S067E QUADNAME: MOAPA PEAK NW
SECTION: 14 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
MINERS SPRING

GENERAL SITE DESCRIPTION:
CREOSOTE.

SPECIES DATA:

INFO SOURCE: HALEY, ROSS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 0 COUNTY: NVLINC
LAST OBSERVED : PRECISION: G

TOWNSHIP/RANGE: 012S068E QUADNAME: MOAPA PEAK NW
SECTION: U TOWNSHIP COMMENT: NW4, UNSURVEYED

DIRECTIONS TO SITE:
1/4 MI E OF HACKBERRY CREEK, MORMON MTNS.

GENERAL SITE DESCRIPTION:
WASH.

SPECIES DATA:
ONE SPECIMEN.

INFO SOURCE: HALEY, ROSS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1983 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1983-05-05 PRECISION: M

TOWNSHIP/RANGE: 015S063E QUADNAME: ARROW CANYON NW
SECTION: 14 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
ARROW CANYON

GENERAL SITE DESCRIPTION:
ROCKY CANYON WASH ABOVE MINING SITE.

SPECIES DATA:
ONE, 16-18" IN LENGTH, AT 1415.

INFO SOURCE: HALEY, ROSS., REPORTED BY DAN DELAMEY.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1986 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1986-05-11 PRECISION: SC

TOWNSHIP/RANGE: 016S070E QUADNAME: WHITNEY POCKET
SECTION: 23 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

MUDDY MTNS., WHITNEY RANCH RD AT WHITNEY POCKET 1/2 MI E OF WHITNEY RANCH
RD/GOLD BUTTE RD.

GENERAL SITE DESCRIPTION:

LARREA, AMBROSIA KRAMERIA, YUCCA BREVIFOLIA.

SPECIES DATA:

2 SPECIMENS, (PHOTO FILES NDOW LAS VEGAS, ROSS HALEY). 630 G, 335 MM SVL. 147
TL 425 G, 333 MM SVL. 157 TL. REPORTED BY RUSSELL DUNCAN.

INFO SOURCE: HALEY, ROSS. PHOTO FILES NDOW.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1978 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1978- PRECISION: SC

TOWNSHIP/RANGE: 025S059E QUADNAME: GOODSPRINGS
SECTION: 10 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

JEAN-GOODSPRINGS RD 2 MI W OF JEAN

GENERAL SITE DESCRIPTION:

ROADSIDE, FLATTENED FAUNA.

SPECIES DATA:

DEAD ON ROAD.

INFO SOURCE: HIATT, JOHN.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1983 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1983-04-24 PRECISION: G

TOWNSHIP/RANGE: 027S062E QUADNAME: MCCULLOUGH MTN
SECTION: 03 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
HIGHLAND RANGE, CREOSOTE WASH E SIDE OF RANGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:
1 DRINKING WATER OUT OF POT HOLE, 10 A.M.

INFO SOURCE: HALEY, ROSS., REPORTED BY BILL BURGER.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1977 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1977-10 PRECISION: SC

TOWNSHIP/RANGE: 026S064E QUADNAME: NELSON
SECTION: 33 TOWNSHIP COMMENT: NE4

DIRECTIONS TO SITE:
SOUTH ELDORADO ABOVE TULE SPRING

GENERAL SITE DESCRIPTION:

SPECIES DATA:
OBSERVED IN ROCKS ABOVE SPRING.

INFO SOURCE: HALEY, ROSS., MCQUIVEY, BOB.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1978 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1978-06-30 PRECISION: G

TOWNSHIP/RANGE: 021S021E QUADNAME: BRIDGE CANYON
SECTION: 12 TOWNSHIP COMMENT: SE2

DIRECTIONS TO SITE:
DAVIS DAM HWY

GENERAL SITE DESCRIPTION:
DESERT.

SPECIES DATA:
ONE SPECIMEN.

INFO SOURCE: HALEY, ROSS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HELODERMA SUSPECTUM
GILA MONSTER

PROTECTION STATUS
FEDERAL: 3C NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1988 ELEVATION: 3400 COUNTY: NVLINC
LAST OBSERVED : 1988-03-26 PRECISION: SC

TOWNSHIP/RANGE: 010S064E QUADNAME: DELAMAR 3 SE
SECTION: 09 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
200 YDS SE OF WILLOW SPRING

GENERAL SITE DESCRIPTION:
DESERT SHRUBS NEAR WILLOW SPRING.

SPECIES DATA:
ONE SPECIMEN IN GOOD SHAPE.

INFO SOURCE: GUERRERO, ED. BLM, CALIENTE. REPORTED BY CRAIG STEVENSON.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

RANA ONCA
RELICT LEOPARD FROG

PROTECTION STATUS
FEDERAL: 3A NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 2465 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: S

TOWNSHIP/RANGE: 019S060E QUADNAME: TULE SPRINGS PARK
SECTION: 04 TOWNSHIP COMMENT: SW4SE4

DIRECTIONS TO SITE:
TULE SPRINGS. FLOYD R. LAMB STATE PARK

GENERAL SITE DESCRIPTION:
HEAVILY MODIFIED.

SPECIES DATA:
PROBABLY EXTIRPATED. LOSS OF HABITAT AND INTRODUCTION OF BULL FROGS.

INFO SOURCE: STEBBINS, PLATZ.

OWNERSHIP/MGMT.: NSP/FLOYD R.LAMB,BLM/LAS VEGAS

RANA ONCA
RELICT LEOPARD FROG

PROTECTION STATUS
FEDERAL: 3A NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: U

TOWNSHIP/RANGE: U QUADNAME:
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
LOWER VIRGIN RIVER

GENERAL SITE DESCRIPTION:

SPECIES DATA:
EXTINCT.

INFO SOURCE: STEBBINS, PLATZ.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

BIRDS

FALCO PEREGRINUS
PEREGRINE FALCON

PROTECTION STATUS
FEDERAL: E/SA NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1988 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1988- PRECISION: U

TOWNSHIP/RANGE: U QUADNAME:
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
LAKE MEAD

GENERAL SITE DESCRIPTION:

SPECIES DATA:

NESTING. 2 YOUNG FLEDGED PER YEAR FOR THE PAST 3 YEARS.

INFO SOURCE: ALCORN, J.R. P.102.

OWNERSHIP/MGMT.: NPS/LAKE MEAD

OPORORNIS FORMOSUS
KENTUCKY WARBLER

PROTECTION STATUS
FEDERAL: NONE NRS: YES
NNNPS: NA

FIRST OBSERVED: 1989 ELEVATION: 2360 COUNTY: NVCLAR
LAST OBSERVED : 1989-05-20 PRECISION: M

TOWNSHIP/RANGE: 019S060E QUADNAME: GASS PEAK SW
SECTION: 22 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GILCREASE FLAT AT DEER SPRINGS WAY AND TENAYA DR., NW LAS VEGAS AREA.

GENERAL SITE DESCRIPTION:

IN URBAN-FARM PROPERTIES. TAMARIX GROVE AND PASTURE GRASSES.

SPECIES DATA:

ONE INDIVIDUAL. BIRD FLEW INTO PICTURE WINDOW AND WAS KILLED INSTANTLY.
SPECIMEN AT UNLV. IDENTIFIED BY DR. DON BAEPLER, UNLV.

INFO SOURCE: KNIGHT, T. 1989. FIELD SITE SHEET.

OWNERSHIP/MGMT.: PRIVATE

PHAINOPEPLA NITENS
PHAINOPEPLA

PROTECTION STATUS
FEDERAL: NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1965 ELEVATION: 3860 COUNTY: NVLINC
LAST OBSERVED : 1965-06-11 PRECISION: G

TOWNSHIP/RANGE: 004S060E QUADNAME: HIKO
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
HIKO, PAHRANAGAT VALLEY.

GENERAL SITE DESCRIPTION:

SPECIES DATA:
TWO PAIR.

INFO SOURCE: ALCORN. 1988. P.296.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, NDOW/KEY PITTMAN

PHAINOPEPLA NITENS
PHAINOPEPLA

PROTECTION STATUS
FEDERAL: NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: -1111 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: U

TOWNSHIP/RANGE: QUADNAME:
SECTION: TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MOAPA VALLEY.

GENERAL SITE DESCRIPTION:

SPECIES DATA:
98 SIGHTINGS BETWEEN 15 DECEMBER 1959 AND 11 JUNE 1965.

INFO SOURCE: ALCORN, 1988. P. 296.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE

PHAINOPEPLA NITENS
PHAINOPEPLA

PROTECTION STATUS
FEDERAL: NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1954 ELEVATION: 1000 COUNTY: NVCLAR
LAST OBSERVED : 1954-06-01 PRECISION: G

TOWNSHIP/RANGE: 016S068E QUADNAME: OVERTON
SECTION: 18 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
OVERTON.

GENERAL SITE DESCRIPTION:

SPECIES DATA:
NEST WITH 2 YOUNG.

INFO SOURCE: ALCORN, 1988. P.296.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE/OVERTON

PLEGADIS CHIHI
WHITE-FACED IBIS

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1986 ELEVATION: 2180 COUNTY: NVNYEX
LAST OBSERVED : 1986- PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 28 TOWNSHIP COMMENT: INTO SECTION 29

DIRECTIONS TO SITE:
PETERSON RESERVOIR W TO CARSON SLOUGH

GENERAL SITE DESCRIPTION:
MUD FLATS OF PETERSON OVER TO GRASSY/TYPHA WETLANDS OF CARSON WETLANDS.

SPECIES DATA:

INFO SOURCE: DON SADA, G. CLEMMER.

OWNERSHIP/MGMT.: USFWS/ASH MEADOWS

STERNA ANTILLARUM
LEAST TERN

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1966 ELEVATION: 1400 COUNTY: NVCLAR
LAST OBSERVED : 1966-08-05 PRECISION: G

TOWNSHIP/RANGE: 021S063E QUADNAME: FRENCHMAN MTN
SECTION: 13 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
LAS VEGAS WASH ARM, LAKE MEAD.

GENERAL SITE DESCRIPTION:

SPECIES DATA:
ONE OBSERVED.

INFO SOURCE: ALCORN. P.175.

OWNERSHIP/MGMT.: NPS/LAKE MEAD, BLM/LAS VEGAS

FISHES

CATOSTOMUS CLARKI SSP 2
MEADOW VALLEY WASH DESERT SUCKER

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1986 ELEVATION: 5100 COUNTY: NVLINC
LAST OBSERVED : 1986-05-29 PRECISION: SC

TOWNSHIP/RANGE: 001S068E QUADNAME: CONDOR CANYON
SECTION: 13 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CONDOR CANYON (MEADOW VALLEY WASH) ABOVE BRIDGE AT DELMUE RANCH

GENERAL SITE DESCRIPTION:
60-64 DEGREES F.

SPECIES DATA:
MANY OBSERVED IN STREAM. 1 TAKEN IN MINNOW TRAP (100 MM) (WITHERS). 1986:
SUCKERS RELATIVELY ABUNDANT.

INFO SOURCE: CLIFTON, JACK. 1986. REPORT., WITHERS, DONNA. 1986. REPORT.

OWNERSHIP/MGMT.: PRIVATE, TNC/CONDOR

CATOSTOMUS CLARKI SSP 2
MEADOW VALLEY WASH DESERT SUCKER

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1987 ELEVATION: 4900 COUNTY: NVLINC
LAST OBSERVED : 1987-07-17 PRECISION: SC

TOWNSHIP/RANGE: 015S068E QUADNAME: CONDOR CANYON
SECTION: 24 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CONDOR CANYON, MEADOW VALLEY WASH, PLUNGE POOL BELOW FALLS, APPROX. 4 AIR
MILES NE OF PANACA

GENERAL SITE DESCRIPTION:
DEEP POOL BELOW FALLS.

SPECIES DATA:
10 ADULTS NETTED. STRONG POPULATION. SPAWNING COLORS 28 MAY 1968.

INFO SOURCE: WITHERS, DONNA. 1987. REPORT., 1986. REPORT.

OWNERSHIP/MGMT.: TNC/CONDOR, BLM/LAS VEGAS

CRENICHTHYS BAILEYI BAILEYI
WHITE RIVER SPRINGFISH

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1932 ELEVATION: 3590 COUNTY: NVLINC
LAST OBSERVED : 1987- PRECISION: SC

TOWNSHIP/RANGE: 006S060E QUADNAME: ASH SPRINGS
SECTION: 01 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
RUN BELOW ASH SPRINGS, PAHRANAGAT RIVER

GENERAL SITE DESCRIPTION:

AT HWY CONCRETE SIDES & OPEN BELOW. FISHES MAY NOT BE ABLE TO MOVE UPSTREAM FROM RUN TO SPRING. STREAM THROUGH SECTION 1 IS CRITICAL HABITAT.

SPECIES DATA:

"Several were found as far as 100 m downstream from the spring pool."
Tuttle, et al. 1990

INFO SOURCE: DON SADA. FEDERAL REGISTER.

OWNERSHIP/MGMT.: PRIVATE/BURNS RANCH

CRENICHTHYS BAILEYI BAILEYI
WHITE RIVER SPRINGFISH

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1932 ELEVATION: 3618 COUNTY: NVLINC
LAST OBSERVED : 1986-01-28 PRECISION: SC

TOWNSHIP/RANGE: 006S061E QUADNAME: ASH SPRINGS
SECTION: 06 TOWNSHIP COMMENT: NW4NW4NW4

DIRECTIONS TO SITE:
ASH SPRINGS AT ASH SPRINGS E OF HWY 93

GENERAL SITE DESCRIPTION:

SPRINGS, SWIMMING HOLE AND RUN.

SPECIES DATA:

1480 INDIVIDUALS (TUTTLE ET AL. 1986). EXOTICS COMPETE (CICHLIDS).

INFO SOURCE: WILLIAMS & DEACON. 1982. STATUS REVIEW., TUTTLE ET AL. 1986.

OWNERSHIP/MGMT.: PRIVATE/BURNS RANCH, BLM/LV

CRENICHTHYS BAILEYI GRANDIS
HIKO WHITE RIVER SPRINGFISH

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1986 ELEVATION: 3820 COUNTY: NVLINC
LAST OBSERVED : 1986- PRECISION: SC

TOWNSHIP/RANGE: 005S060E QUADNAME: HIKO
SECTION: 10 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CRYSTAL SPRINGS, 13 MI N OF PAHRANAGAT

GENERAL SITE DESCRIPTION:

SPECIES DATA:
300 INDIVIDUALS RANGING IN SIZE FROM 29-56 MM.

INFO SOURCE: TUTTLE, ET AL. 1986., DEACON, JIM.

OWNERSHIP/MGMT.: PRIVATE/CRYSTAL SPRINGS, BLM/LV

CRENICHTHYS BAILEYI MOAPAE
MOAPA WHITE RIVER SPRINGFISH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 1330 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: S

TOWNSHIP/RANGE: 015S066E QUADNAME: MOAPA EAST
SECTION: 03 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SPRING NEAR ANDERSON DAIRY FARM. FROM MAP A81WIL02NV

GENERAL SITE DESCRIPTION:

SPECIES DATA:
MAY BE INTRODUCED.

INFO SOURCE: WILLIAMS, JACK.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CRENICHTHYS BAILEYI MOAPAE
MOAPA WHITE RIVER SPRINGFISH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 1788 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 014S065E QUADNAME: MOAPA WEST
SECTION: 09 TOWNSHIP COMMENT: NW4SW4SE4SW4

DIRECTIONS TO SITE:
CARDY LAMB SPRING

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: WILLIAMS & WILDE. 1981.

OWNERSHIP/MGMT.: PRIVATE/LATTER DAY SAINTS?

CRENICHTHYS BAILEYI MOAPAE
MOAPA WHITE RIVER SPRINGFISH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1938 ELEVATION: 1722 COUNTY: NVCLAR
LAST OBSERVED : 1983-07-29 PRECISION: SC

TOWNSHIP/RANGE: 014S065E QUADNAME: MOAPA WEST
SECTION: 15 TOWNSHIP COMMENT: NW4SW4SW4

DIRECTIONS TO SITE:
MOAPA RIVER ABOVE HOME RANCH (HOME = TAYLOR RANCH). SEE MAP IN LA RIVERS

GENERAL SITE DESCRIPTION:

SPECIES DATA:
3 FISH SEINED IN RIVER.

INFO SOURCE: COURTENEY, ET AL. 1985.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CRENICHTHYS BAILEYI MOAPAE
MOAPA WHITE RIVER SPRINGFISH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1941 ELEVATION: 1525 COUNTY: NVCLAR
LAST OBSERVED : 1941-05-04 PRECISION: SC

TOWNSHIP/RANGE: 015S066E QUADNAME: MOAPA EAST
SECTION: 04 TOWNSHIP COMMENT: SE4SW4SW4

DIRECTIONS TO SITE:
MOAPA RIVER, 2.4 KM SOUTH OF MOAPA

GENERAL SITE DESCRIPTION:

SPECIES DATA:

2 ADULTS COLLECTED BY VASCO TANNER (BYU 2973-3788).

INFO SOURCE: DEACON, JIM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CRENICHTHYS BAILEYI MOAPAE
MOAPA WHITE RIVER SPRINGFISH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 1830 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 014S065E QUADNAME: MOAPA WEST
SECTION: 08 TOWNSHIP COMMENT: SE4NW4NE4

DIRECTIONS TO SITE:
SPRINGS NEAR RIVER CHANNEL ABOUT 2 MI NW WARM SPRINGS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

ISOLATED BY DRY CHANNEL.

INFO SOURCE: SADA, DON. 1986. MAP ONLY, NO OTHER DATA.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CRENICHTHYS BAILEYI MOAPAE
MOAPA WHITE RIVER SPRINGFISH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 1804 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 014S065E QUADNAME: MOAPA WEST
SECTION: 16 TOWNSHIP COMMENT: NW4SW4NW4

DIRECTIONS TO SITE:
SPRINGS W OF MUDDY RIVER 1 MI NW OF WARM SPRINGS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: DON SADA. MAP ONLY, NO OTHER DATA.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CYPRINODON NEVADENSIS MIONECTES
ASH MEADOWS AMARGOSA PUPFISH

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1986 ELEVATION: 2240 COUNTY: NVNYEX
LAST OBSERVED : 1986-08-01 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 21 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
RUN OFF ALONG BANK OF ROOKER PROPERTY, S OF COLD SPRING.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

JUVENILES DISPERSED INTO SMALL TRICKLES INDICATING INVASION POSSIBILITIES OF PUPFISH.

INFO SOURCE: CLEMMER.

OWNERSHIP/MGMT.: ROOKER RANCH, USFWS/ASH M.

CYPRINODON NEVADENSIS MIONECTES
ASH MEADOWS AMARGOSA PUFFISH

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1950 ELEVATION: 2180 COUNTY: NVNYEX
LAST OBSERVED : 1989- PRECISION: SC

TOWNSHIP/RANGE: 018S049E QUADNAME: ASH MEADOWS
SECTION: 01 TOWNSHIP COMMENT: NE4

DIRECTIONS TO SITE:

CLAY PITS (=CLAY CITY OR CLAY CAMP) 1.8 KM BY ROAD E OF STATE HWY 29

GENERAL SITE DESCRIPTION:

3 EXCAVATED POOLS IN MAN-MADE DEPRESSION FORMED IN 1900 WITH TAILINGS FROM AMERICAN BORATE LATHROP WELLS MILL.

SPECIES DATA:

SEVERAL HUNDRED OBSERVED. 500 SIGHTED 1989.

INFO SOURCE: THRELOFF, 1990. BAUGH, TOM ET AL. 1986.

OWNERSHIP/MGMT.: PRIVATE/CLAY CAMP

EMPETRICHTHYS LATOS LATOS
PAHRUMP KILLIFISH

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1983 ELEVATION: 3800 COUNTY: NVCLAR
LAST OBSERVED : 1988-06 24 PRECISION: SC

TOWNSHIP/RANGE: 022S058E QUADNAME: BLUE DIAMOND
SECTION: 03 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

RESERVOIR AT SPRING MOUNTAIN RANCH STATE PARK

GENERAL SITE DESCRIPTION:

RESERVOIR AND OUTLET DITCHES.

SPECIES DATA:

NATIVE POPULATION EXTIRPATED. UNLV INTRODUCED POPULATION FLOURISHING FOLLOWING INTRODUCTION OF 426 FISH IN 1983. 1988: FLOURISHING (WITHERS).

INFO SOURCE: WITHERS. 1988., ROY ORR, RANGER, STATE PARKS, LAS VEGAS., DEACON, JAMES. INTERIM REPORT. 1984.

OWNERSHIP/MGMT.: NSP/SPRING MTN, PRIVATE/MANSE?

GILA ELEGANS
BONYTAIL CHUB

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1950 ELEVATION: 675 COUNTY: NVCLAR
LAST OBSERVED : 1950-06-15 PRECISION: S

TOWNSHIP/RANGE: 028S065E QUADNAME: SPIRIT MTN NW
SECTION: 24 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

COLORADO RIVER (LAKE MOHAVE) AT COTTONWOOD LANDING 17 KM E OF SEARCHLIGHT
(LAKE MOHAVE FILLING)

GENERAL SITE DESCRIPTION:

EXTINCT IN RESERVOIRS - LAKES MEAD AND MOHAVE.

SPECIES DATA:

A BIG RIVER FORM. 35 YOUNG (13-26MM STANDARD LENGTH) UMMZ 162846. NO
REPRODUCTION.

INFO SOURCE: VALDEZ AND CLEMMER. 1982., LA RIVERS 1962., R.R. MILLER AND H.E.
WINN.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, NPS/LAKE MEAD

GILA ROBUSTA JORDANI
PAHRANAGAT ROUNDTAIL CHUB

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1948 ELEVATION: 3610 COUNTY: NVLINC
LAST OBSERVED : 1989- PRECISION: SC

TOWNSHIP/RANGE: 006S060E QUADNAME: ASH SPRINGS
SECTION: 01 TOWNSHIP COMMENT: SE4SE4NE4

DIRECTIONS TO SITE:

ASH SPRINGS AT ASH SPRINGS E OF HWY 93 AND PAHRANAGAT RIVER THROUGH BURNS
RANCH (ASH CREEK).

GENERAL SITE DESCRIPTION:

SPRINGS ARE COMMERCIAL SWIMMING HOLE. STREAM W/CONCRETE MODIFICATIONS.

SPECIES DATA:

502 INDIVIDUALS ESTIMATED ON ASH OUTFLOW IN 1986. 50 JUVENILES SENT TO DEXTER
NATIONAL FISH HATCHERY IN MAY 1986 (WITHERS 1986). NO CHUBS ABOVE ASH SPRINGS.
EXOTICS PRESENT: CICHLIDS, CARP. 260 ADULTS IN WINTER, 337 JUV. IN SUMMER OF
1989.

INFO SOURCE: SADA, DON., WITHERS, DONNA.

OWNERSHIP/MGMT.: PRIVATE/BURNS RANCH

GILA ROBUSTA SEMINUDA
VIRGIN RIVER ROUNDTAIL CHUB

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1973 ELEVATION: 1542 COUNTY: NVCLAR
LAST OBSERVED : 1986-OCT. PRECISION: SC

TOWNSHIP/RANGE: 013S071E QUADNAME: MESQUITE
SECTION: 19 TOWNSHIP COMMENT: SECTION LINE 19/20

DIRECTIONS TO SITE:
VIRGIN RIVER AT MESQUITE

GENERAL SITE DESCRIPTION:

SPECIES DATA:

POPULATION EXTENDS DOWNSTREAM (THEORETICALLY) TO BACKWATERS OF LAKE MEAD AND UPSTREAM TO LA VERKIN, UT. THE VIRGIN RIVER IS CRITICAL HABITAT. 2 SPECIMENS SEINED IN 1986.

INFO SOURCE: CROSS, JEFF., DEACON, JIM. FISHERIES. 1988. 13(1).

OWNERSHIP/MGMT.: BLM/LAS VEGAS

GILA ROBUSTA SSP 3
MOAPA ROUNDTAIL CHUB

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1942 ELEVATION: 1509 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 015S066E QUADNAME: MOAPA EAST
SECTION: 02 TOWNSHIP COMMENT: NW4SE4NE4

DIRECTIONS TO SITE:
MOAPA RIVER BELOW I-15 CROSSING OF GLENDALE AND UPSTREAM TO MOAPA REFUGE,
DOWNSTREAM WHERE GOOD FLOW

GENERAL SITE DESCRIPTION:

SPECIES DATA:

IN MAINSTREAM, DEEPER POOLS.

INFO SOURCE: DEACON, JIM.

OWNERSHIP/MGMT.: USFWS/DESERT NWR, BLM/LAS VEGAS

GILA ROBUSTA SSP 3
MOAPA ROUNDTAIL CHUB

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1968 ELEVATION: 1345 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 015S067E QUADNAME: OVERTON
SECTION: 27 TOWNSHIP COMMENT: SE2SE4NW4

DIRECTIONS TO SITE:
MOAPA RIVER, HWY 169 AT LOGANDALE

GENERAL SITE DESCRIPTION:
MAINSTREAM, UPSTREAM TO SPRINGS.

SPECIES DATA:

INFO SOURCE: DEACON, JIM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

GILA ROBUSTA SSP 3
MOAPA ROUNDTAIL CHUB

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1968 ELEVATION: 1706 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 014S065E QUADNAME: MOAPA WEST
SECTION: 15 TOWNSHIP COMMENT: SE4SE4SE4

DIRECTIONS TO SITE:
MOAPA RIVER, 1 MI E OF REFUGE, COUNTY ROUTE 168 CROSSING

GENERAL SITE DESCRIPTION:

SPECIES DATA:
POPULATION GENERALLY DECLINING - EXOTICS COMPETE.

INFO SOURCE: DEACON, JIM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

GILA ROBUSTA SSP 3
MOAPA ROUNDTAIL CHUB

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 1804 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 014S065E QUADNAME: MOAPA WEST
SECTION: 16 TOWNSHIP COMMENT: NW4SW4NW4

DIRECTIONS TO SITE:
MUDDY RIVER (MOAPA RIVER) 1 MI NW WARM SPRINGS

GENERAL SITE DESCRIPTION:
DISJUNCT FROM MAIN STREAM.

SPECIES DATA:

INFO SOURCE: SADA, DON.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

LEPIDOMEDA MOLLISPINIS MOLLISPINIS
VIRGIN RIVER SPINEDACE

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1938 ELEVATION: 1532 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: S

TOWNSHIP/RANGE: 013S071E QUADNAME: MESQUITE
SECTION: 20 TOWNSHIP COMMENT: SW4SW4NW4

DIRECTIONS TO SITE:
VIRGIN RIVER NEAR UTAH BORDER

GENERAL SITE DESCRIPTION:

SPECIES DATA:

UMMZ 105496. 68 SPECIMENS SEPT 1938.

INFO SOURCE: LARIVERS. 1962. FISHES AND FISHERIES OF NV. P.466-467.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

LEPIDOMEDA MOLLISPINIS MOLLISPINIS
VIRGIN RIVER SPINEDACE

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1938 ELEVATION: 1501 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: S

TOWNSHIP/RANGE: 013S070E QUADNAME: FLAT TOP MESA
SECTION: 26 TOWNSHIP COMMENT: NE4SE4NW4

DIRECTIONS TO SITE:
VIRGIN RIVER W OF BUNKERVILLE

GENERAL SITE DESCRIPTION:

SPECIES DATA:

BAIT IN LAS VEGAS FOUND BY CARL HUBBS UMMZ 125013. 12 SPECIMENS. NONE FOUND
IN SURVEYS 1973-1986, DEACON (1988). SEVERAL YEAR CLASSES.

INFO SOURCE: LARIVERS. 1962. FISHES AND FISHERIES OF NV. P.468., DEACON. 1988.
FISHERIES 13(1).

OWNERSHIP/MGMT.: BLM/LAS VEGAS

LEPIDOMEDA MOLLISPINIS PRATENSIS
BIG SPRING SPINE DACE

PROTECTION STATUS
FEDERAL: LT NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1978 ELEVATION: 5100 COUNTY: NVLINC
LAST OBSERVED : 1986-05-29 PRECISION: SC

TOWNSHIP/RANGE: 001S068E QUADNAME: CONDOR CANYON
SECTION: 13 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MEADOW VALLEY WASH, CONDOR CANYON 5 MI NE PANACA AT DELMUES RANCH ABOVE FALLS

GENERAL SITE DESCRIPTION:

1 1/2 MI OF STREAM.

SPECIES DATA:

SPINEDACE ABUNDANT ABOVE THE FALL.

INFO SOURCE: MCNATT, RANDY., WITHERS, DONNA. FEDERAL REGISTER
48(231):54082-54085.

OWNERSHIP/MGMT.: PRIVATE, TNC/CONDOR

MOAPA CORIACEA
MOAPA DACE

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1938 ELEVATION: 1788 COUNTY: NVCLAR
LAST OBSERVED : 1986-01-27 PRECISION: SC

TOWNSHIP/RANGE: 014S065E QUADNAME: MOAPA WEST
SECTION: 16 TOWNSHIP COMMENT: SW4SE4SE4

DIRECTIONS TO SITE:
MOAPA NWR. SR 168 6 MI NW OF MOAPA. ADJACENT TO WARM SPRINGS RESORT

GENERAL SITE DESCRIPTION:
HEADWATER SPRINGS AND RUNS - MOSTLY CEMENT- SHADED WITH PALMS (WASHINGTONIA).

SPECIES DATA:
HABITAT IS HEAVILY MODIFIED - SOME REPRODUCTION IN AREA. PROTECTED LANDS,
LIMITED POPULATION AND AREA.

INFO SOURCE: SADA, DON. FISH AND WILDLIFE SERV. RECOVERY PLAN.

OWNERSHIP/MGMT.: USFWS/MOAPA NWR, BLM/LAS VEGAS

MOAPA CORIACEA
MOAPA DACE

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1938 ELEVATION: 1771 COUNTY: NVCLAR
LAST OBSERVED : - - PRECISION: SC

TOWNSHIP/RANGE: 014S065E QUADNAME: MOAPA WEST
SECTION: 16 TOWNSHIP COMMENT: SE4SW4SE4

DIRECTIONS TO SITE:
SPRINGS ON APCAR PROPERTY 1/4 MI NW OF REFUGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: SADA, DON. 1983. RECOVERY PLAN.

OWNERSHIP/MGMT.: FREDERICK APCAR

MOAPA CORIACEA
MOAPA DACE

PROTECTION STATUS
FEDERAL: LE NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1938 ELEVATION: 1738 COUNTY: NVCLAR
LAST OBSERVED : - - PRECISION: SC

TOWNSHIP/RANGE: 014S065E QUADNAME: MOAPA WEST
SECTION: 15 TOWNSHIP COMMENT: NW4SE4SW4

DIRECTIONS TO SITE:
CHANNELS AND STREAMS E OF SPRINGS. TRIBS TO MOAPA RIVER. 6 MI NW OF MOAPA

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: SADA, DON. 1983. RECOVERY PLAN.

OWNERSHIP/MGMT.: CHURCH OF LATTER DAY SAINTS

PLAGOPTERUS ARGENTISSIMUS
WOUNDFIN

PROTECTION STATUS
FEDERAL: LEXN NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1963 ELEVATION: 1509 COUNTY: NVCLAR
LAST OBSERVED : 1963-10-26 PRECISION: SC

TOWNSHIP/RANGE: 015S066E QUADNAME: MOAPA EAST
SECTION: 02 TOWNSHIP COMMENT: NW4SE4NE4

DIRECTIONS TO SITE:
MOAPA RIVER BELOW I-15 CROSSING AT GLENDALE

GENERAL SITE DESCRIPTION:

SPECIES DATA:
SINGLE SPECIMEN.

INFO SOURCE: DEACON, JIM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PLAGOPTERUS ARGENTISSIMUS
WOUNDFIN

PROTECTION STATUS
FEDERAL: LEXN NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1986 ELEVATION: 1378 COUNTY: NVCLAR
LAST OBSERVED : 1986-OCT PRECISION: SC

TOWNSHIP/RANGE: 014S069E QUADNAME: OVERTON NE, RIVERSIDE, MESQUITE
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

VIRGIN RIVER 3.6 MILES BELOW RIVERSIDE BRIDGE UPSTREAM TO AZ LINE.

GENERAL SITE DESCRIPTION:

WATER MOSTLY DIVERTED.

SPECIES DATA:

1 SPECIMEN (JUVENILE) AT ABOVE DATE. POPULATION EXTENDS ALONG VIRGIN R. FROM LAKE MEAD INTO AZ. MORE ABUNDANT UPSTREAM. 10 SPECIMENS TAKEN IN 1986. POPULATION 99% RED SHINERS. REPRODUCTION "INEFFECTIVE" IN LOWER VIRGIN RIVER.

INFO SOURCE: DEACON, J. 1988. FISHERIES 13(1)., JIM DEACON. 1985. MONITORING ACTIVITIES.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PTYCHOCEILUS LUCIUS
COLORADO SQUAWFISH

PROTECTION STATUS
FEDERAL: LEXN NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: U

TOWNSHIP/RANGE: U QUADNAME:
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

COLORADO RIVER

GENERAL SITE DESCRIPTION:

HISTORICAL. EXTIRPATED IN LAKE MEAD AND LAKE MOHAVE.

SPECIES DATA:

A BIG RIVER FORM.

INFO SOURCE: LA RIVERS. 1962.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

RHINICHTHYS OSCULUS MOAPAE
MOAPA SPECKLED DACE

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 1515 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 015S066E QUADNAME: MOAPA EAST
SECTION: 02 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MOAPA RIVER (MUDDY RIVER). HOME RANCH. DOWNSTREAM 33 RIVER KM. ANDERSON DAIRY FARM

GENERAL SITE DESCRIPTION:
ANDERSON DAIRY FARM. COOL WATERS JUST BENEATH HEADWATERS.

SPECIES DATA:
IN RIFFLES, FASTER WATERS.

INFO SOURCE: WILLIAMS, JACK.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

RHINICHTHYS OSCULUS MOAPAE
MOAPA SPECKLED DACE

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 1509 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 015S066E QUADNAME: MOAPA EAST
SECTION: 02 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MOAPA RIVER AT INTERSTATE 15 CROSSING

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: WILLIAMS, JACK. 1978.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

RHINICHTHYS OSCULUS SSP 2
MEADOW VALLEY SPECKLED DACE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1987 ELEVATION: 4900 COUNTY: NVLINC
LAST OBSERVED : 1987-06-17 PRECISION: SC

TOWNSHIP/RANGE: 001S068E QUADNAME: CONDOR CANYON
SECTION: 24 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CONDOR CANYON, MEADOW VALLEY WASH

GENERAL SITE DESCRIPTION:
IN PLUNGE POOL BELOW FALLS.

SPECIES DATA:
ABUNDANT. 601 DACE TRAPPED (1986). STRONG POPULATION IN 1987.

INFO SOURCE: WITHERS, DONNA.

OWNERSHIP/MGMT.: TNC, PRIVATE, BLM/LAS VEGAS

RHINICHTHYS OSCULUS SSP 2
MEADOW VALLEY SPECKLED DACE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1986 ELEVATION: 5100 COUNTY: NVLINC
LAST OBSERVED : 1986-05-29 PRECISION: SC

TOWNSHIP/RANGE: 001S068E QUADNAME: CONDOR CANYON
SECTION: 13 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MEADOW VALLEY WASH AT DELMUE BRIDGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:
COMMON TO ABUNDANT.

INFO SOURCE: WITHERS, DONNA.

OWNERSHIP/MGMT.: PRIVATE, BLM/LAS VEGAS, TNC

MAMMALS

CHAETODIPUS SPINATUS
SPINY POCKET MOUSE

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1960 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1961-04-15 PRECISION: G

TOWNSHIP/RANGE: 029S064E QUADNAME: SEARCHLIGHT
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GRANITE SPRINGS CANYON

GENERAL SITE DESCRIPTION:
SEEPAGE AREAS IN CANYON NEAR TAMARISK OR MESQUITE.

SPECIES DATA:
1 FROM APRIL 1960, 7 IN APRIL 1961.

INFO SOURCE: RYSER. J. MAMMAL. 1964. UNMB NO. 356.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

DIPODOMYS PANAMINTINUS CAUDATUS
PANAMINT KANGAROO RAT

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 4300 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: M

TOWNSHIP/RANGE: 029S062E QUADNAME: HOPPS WELL
SECTION: 17 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
3.5 MI S AND 9 MI W OF SEARCHLIGHT

GENERAL SITE DESCRIPTION:

SPECIES DATA:
SSP. CAUDATUS.

INFO SOURCE: HALL. 1981. P.573.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

EUDERMA MACULATUM
SPOTTED BAT

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1961 ELEVATION: 2030 COUNTY: NVCLAR
LAST OBSERVED : 1961-09-15 PRECISION: SC

TOWNSHIP/RANGE: 021S061E QUADNAME: LAS VEGAS SW
SECTION: 22 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

PHYSICAL EDUCATION BUILDING ON CAMPUS OF UNIVERSITY OF NEVADA

GENERAL SITE DESCRIPTION:

SPECIES DATA:

THIS IS AN ACCIDENTAL RECORD. NO HABITAT SIGNIFICANCE (IE THIS BAT IS NOT A CITY BAT).

INFO SOURCE: DEACON, JIM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

EUDERMA MACULATUM
SPOTTED BAT

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1964 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1964-09-05 PRECISION: G

TOWNSHIP/RANGE: 021S060E QUADNAME: LAS VEGAS NW
SECTION: 01 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

NW LAS VEGAS, YARD OF RICHARD E. JAQUISH

GENERAL SITE DESCRIPTION:

SPECIES DATA:

MALE SPECIMEN SENT TO RENO FOR RABIES TEST (-) TO DR. DON LUNDHOLM. COLLECTED ALIVE.

INFO SOURCE: PREP BY F. RYSER #238. UNR SPECIMEN #675.

OWNERSHIP/MGMT.: PRIVATE/R. JAQUISH

EUDERMA MACULATUM
SPOTTED BAT

PROTECTION STATUS
FEDERAL: C2 NRS: YES
NNNPS: N/A

FIRST OBSERVED: 1977 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1977-06 PRECISION: S

TOWNSHIP/RANGE: 021S061E QUADNAME: LAS VEGAS NW
SECTION: 09 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
LAS VEGAS, STARDUST HOTEL

GENERAL SITE DESCRIPTION:

SPECIES DATA:
1 SPECIMEN.

INFO SOURCE: O'FARRELL M. 1981. STATUS REPORT.

OWNERSHIP/MGMT.: PRIVATE/STARDUST, BLM/LAS VEGAS

EUMOPS PEROTIS
WESTERN MASTIFF BAT

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1966 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1966-03-01 PRECISION: G

TOWNSHIP/RANGE: 020S062E QUADNAME: LAS VEGAS NE
SECTION: 29 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
LAS VEGAS

GENERAL SITE DESCRIPTION:

SPECIES DATA:
SINGLE MALE FOUND DEAD UNDER COTTONWOOD TREES (M-7000) UNLV.

INFO SOURCE: BRADLEY AND O'FARRELL. 1967. J. OF MAMMOLOGY. 48(4):672.

OWNERSHIP/MGMT.: PRIVATE/LAS VEGAS

IDIONYCTERIS PHYLLOTIS
ALLEN'S BIG-EARED BAT

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1968 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1968-05-01 PRECISION: SC

TOWNSHIP/RANGE: 021S059E QUADNAME: LA MADRE MTN
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CALICO SPRING, RED ROCK CANYON, SPRING MOUNTAINS

GENERAL SITE DESCRIPTION:
POND AT BASE OF ROCKY HILL ON SPRAWLING MEADOW, PINE FOREST 1 MILE AWAY.

SPECIES DATA:
1 MALE, FIRST STATE RECORD.

INFO SOURCE: O'FARRELL AND BRADLEY. J. OF MAMMOLOGY. 1969. 50(1):128.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, RED ROCKS RL

MACROTUS CALIFORNICUS
CALIFORNIA LEAF-NOSED BAT

PROTECTION STATUS
FEDERAL: C2 NRS:
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: S

TOWNSHIP/RANGE: 021S062E QUADNAME: LAS VEGAS NE
SECTION: 01 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
FRENCHMAN MINE, 7 MI EAST OF LAS VEGAS.

GENERAL SITE DESCRIPTION:

SPECIES DATA:
2 SPECIMENS.

INFO SOURCE: HALL. 1946. P.130.

OWNERSHIP/MGMT.: BLM/LV, PRIVATE?/FRENCHMAN MINE

MICRODIPODOPS MEGACEPHALUS ALBIVENTER
DARK KANGAROO MOUSE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 5300 COUNTY: NVLINC
LAST OBSERVED : PRECISION: G

TOWNSHIP/RANGE: 002S064E QUADNAME: DEADMAN SPRING SE
SECTION: 10 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
DESERT VALLEY, 21 MI W PANACA

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: HALL. 1981. P.561.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

MICROTUS MONTANUS FUCOSUS
MONTANE VOLE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 4000 COUNTY: NVLINC
LAST OBSERVED : PRECISION: S

TOWNSHIP/RANGE: 005S060E QUADNAME: HIKO
SECTION: 10 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CRYSTAL SPRING

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: HALL. 1981. P.798.

OWNERSHIP/MGMT.: NDOW/KEY PITT, BLM/LV, PRIVATE

MICROTUS MONTANUS FUCOSUS
MONTANE VOLE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 3618 COUNTY: NVLINC
LAST OBSERVED : PRECISION: S

TOWNSHIP/RANGE: 006S061E QUADNAME: ASH SPRINGS
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
ASH SPRING

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: HALL. 1981. P.798.

OWNERSHIP/MGMT.: BLM/LV, PRIVATE/BURNS RANCH

MICROTUS MONTANUS FUCOSUS
MONTANE VOLE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 3400 COUNTY: NVLINC
LAST OBSERVED : PRECISION: M

TOWNSHIP/RANGE: 007S061E QUADNAME: ALAMO
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
4 MI S ALAMO

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: HALL. 1981. P.798.

OWNERSHIP/MGMT.: USFWS/PAHRANAGAT NWR, BLM/LV

MICROTUS MONTANUS NEVADENSIS
AMARGOSA VOLE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1898 ELEVATION: 2240 COUNTY: NVNYEX
LAST OBSERVED : 1933- PRECISION: M

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 16 TOWNSHIP COMMENT: NE4

DIRECTIONS TO SITE:

SALT MARSH 4 4/5 MI NW OF DEVILS'S HOLE, (NEAR FAIRBANKS, ROGERS, AND LONGSTREET SPRINGS).

GENERAL SITE DESCRIPTION:

GRASSY SALT MARSH.

SPECIES DATA:

SMALL POPULATION TAKEN IN 1933.

INFO SOURCE: HALL. 1946.

OWNERSHIP/MGMT.: USFWS/ASH MEADOWS

SOREX MERRIAMI
MERRIAM'S SHREW

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1961 ELEVATION: 7600 COUNTY: NVNYEX
LAST OBSERVED : 1961-11-31 PRECISION: M

TOWNSHIP/RANGE: 009S052E QUADNAME: RAINIER MESA
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

RAINIER MESA, NTS

GENERAL SITE DESCRIPTION:

PINYON-JUNIPER.

SPECIES DATA:

ONE FEMALE. THIRD SPECIMEN FROM THE STATE.

INFO SOURCE: JORGENSEN AND HAYWARD. 1963.

OWNERSHIP/MGMT.: DOE/NTS, BLM/LAS VEGAS

SOREX TENELLUS
INYO SHREW

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1934
LAST OBSERVED : 1934-

ELEVATION: 8000
PRECISION: SC

COUNTY: NVCLAR

TOWNSHIP/RANGE: 019S056E
SECTION: 07

QUADNAME: CHARLESTON PEAK
TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CLARK CANYON

GENERAL SITE DESCRIPTION:

BOTTOM OF CANYON AT BASE OF VERTICAL CLIFF. NEAR DECAYING LOGS, WITHIN 300 YDS OF WATER.

SPECIES DATA:

COLLECTED BY BURT 1934. 2212 TRAP NIGHTS IN 1961 AND 1962 - NO SHREWS (DEACON ET AL.).

INFO SOURCE: DEACON. 1964.

OWNERSHIP/MGMT.: USFS/TOIYABE, MT. CHAR. W.A.

SOREX TENELLUS
INYO SHREW

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1928
LAST OBSERVED : 1928-

ELEVATION: 10000
PRECISION: SC

COUNTY: NVCLAR

TOWNSHIP/RANGE: 019S056E
SECTION: 22

QUADNAME: CHARLESTON PEAK
TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
KYLE CANYON

GENERAL SITE DESCRIPTION:

SPECIES DATA:

7 SPECIMENS COLLECTED BY BURT.

INFO SOURCE: HALL. 1946. P.122.

OWNERSHIP/MGMT.: USFS/TOIYABE, MT. CHAR. W.A.

SOREX TENELLUS
INYO SHREW

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 8200 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: M

TOWNSHIP/RANGE: 019S056E QUADNAME: CHARLESTON PEAK
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
KYLE CANYON, RAINBOW FALLS

GENERAL SITE DESCRIPTION:
RAINBOW FALLS NOT A KNOWN.

SPECIES DATA:
1 SPECIMEN, MUS. VERT. ZOOL.

INFO SOURCE: HALL. 1946.

OWNERSHIP/MGMT.: USFS/TOIYABE

SOREX TENELLUS
INYO SHREW

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 8000 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 019S056E QUADNAME: CHARLESTON PEAK
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
KYLE CANYON

GENERAL SITE DESCRIPTION:

SPECIES DATA:
2 SPECIMENS.

INFO SOURCE: HALL. 1946. P.122.

OWNERSHIP/MGMT.: USFS/TOIYABE

SOREX TENELLUS
INYO SHREW

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1961 ELEVATION: 7600 COUNTY: NVNYEX
LAST OBSERVED : 1962-04-09 PRECISION: M

TOWNSHIP/RANGE: 009S052E QUADNAME: RAINIER MESA
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
RANIER MESA, NTS

GENERAL SITE DESCRIPTION:
PINYON-JUNIPER COMMUNITY.

SPECIES DATA:
2 FEMALES, 1 MALE. 21 AUG 1961, 12 AUG 1961, 9 APR 1962.

INFO SOURCE: JORGENSEN AND HAYWARD. 1963.

OWNERSHIP/MGMT.: DOE/NTS, BLM/LAS VEGAS

TADARIDA MACROTIS
BIG FREE-TAILED BAT

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1894 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1964-10-13 PRECISION: S

TOWNSHIP/RANGE: 022S062E QUADNAME: HENDERSON
SECTION: 13 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
STORAGE TANK AT STAUFFER CHEMICAL CO. IN HENDERSON

GENERAL SITE DESCRIPTION:

SPECIES DATA:
ONE FEMALE ADULT.

INFO SOURCE: BRADLEY. 1965. SW NAT. 10:220. COLLECTED BY JIM ROGERS AND HERBER
LITTLEFIELD.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE/STAUFFER

INVERTEBRATES

AEGIALIA MAGNIFICA
LARGE AEGIALIAN SCARAB BEETLE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1972 ELEVATION: 2500 COUNTY: NVNYEX
LAST OBSERVED : 1975-04-28 PRECISION: M

TOWNSHIP/RANGE: 015S048E QUADNAME: BIG DUNE
SECTION: 16 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
BIG DUNE, AMARGOSA DESERT, 5 MI SW YUCCA MTN.

GENERAL SITE DESCRIPTION:

SPECIES DATA:
350 SPECIMENS COLLECTED 1972-75 DEPOSITED IN USNM AND CAL. ACAD.

INFO SOURCE: GORDON AND CARTWRIGHT. 1977. ORIGINAL DESCRIPTION.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

EUPHILOTES ENOPTES SSP 1
DOTTED BLUE

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1977 ELEVATION: 7100 COUNTY: NVCLAR
LAST OBSERVED : 1977- PRECISION: SC

TOWNSHIP/RANGE: 019S057E QUADNAME: ANGEL PEAK
SECTION: 31 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
KYLE CANYON, UPPER END AND AT CAMPGROUND

GENERAL SITE DESCRIPTION:

SPECIES DATA:
ASSOC. WITH ERIOGONUM UMBELLATUM.

INFO SOURCE: AUSTIN G. & A. 1980.

OWNERSHIP/MGMT.: USFS/TOIYABE, BLM/LAS VEGAS

EUPHYDRYAS ANICIA MORANDI
MORAND'S CHECKERSPOT

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1929
LAST OBSERVED :

ELEVATION: 8400
PRECISION: S

COUNTY: NVCLAR

TOWNSHIP/RANGE: 019S057E
SECTION: 32

QUADNAME: ANGEL PEAK
TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
KYLE CANYON CAMPGROUND

GENERAL SITE DESCRIPTION:
ERYSIMUM AND TARAXACUM. MEADOWS MOSTLY ABOVE 10000' BUT TO 6800'.

SPECIES DATA:
168 SPECIMENS AVAILABLE.

INFO SOURCE: AUSTIN AND AUSTIN. 1980:44.

OWNERSHIP/MGMT.: USFS/TOIYABE, BLM/LAS VEGAS

EUPHYDRYAS ANICIA MORANDI
MORAND'S CHECKERSPOT

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1929
LAST OBSERVED : 1977-07-02

ELEVATION: 7500
PRECISION: S

COUNTY: NVCLAR

TOWNSHIP/RANGE: 019S056E
SECTION: 36

QUADNAME: CHARLESTON PEAK
TOWNSHIP COMMENT: DIRECTIONS CONFLICT

DIRECTIONS TO SITE:
LEE CANYON ABOVE SKI AREA

GENERAL SITE DESCRIPTION:

SPECIES DATA:
7 SPECIMENS.

INFO SOURCE: AUSTIN AND AUSTIN. 1980:44.

OWNERSHIP/MGMT.: USFS/TOIYABE, BLM/LAS VEGAS

HESPEROPSIS GRACIELAE
MACNEILL'S SOOTY-WING BUTTERFLY

PROTECTION STATUS
FEDERAL: NONE NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1988 ELEVATION: 2000 COUNTY: NVCLAR
LAST OBSERVED : 1988-09 PRECISION: G

TOWNSHIP/RANGE: 015S067E QUADNAME: OVERTON
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MUDDY RIVER NEAR LOGANDALE.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

NOT FOUND IN 1989. LARVAL HOST IS ATRIPLEX LENTIFORMIS. ONLY REMNANTS LEFT
BORDERING CULTIVATED AND DEVELOPED AREAS. NOT ASSOCIATED WITH ATRIPLEX
LENTIFORMIS OUTSIDE MOAPA VALLEY.

INFO SOURCE: SAVAGE, PAT. LETTER. 24 NOVEMBER 1989.

OWNERSHIP/MGMT.: PRIVATE/LOGANDALE, BLM/LV

HESPEROPSIS GRACIELAE
MACNEILL SOOTY WING SKIPPER

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1978 ELEVATION: 1350 COUNTY: NVCLAR
LAST OBSERVED : 1978- PRECISION: G

TOWNSHIP/RANGE: 015S066E QUADNAME: MOAPA EAST
SECTION: 12 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MOAPA VALLEY.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

LOCALLY COMMON TO ABUNDANT.

INFO SOURCE: AUSTIN, G. 1980.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE/MOAPA?

LIMENITIS WEIDEMEYERII NEVADAE
NEVADA ADMIRAL

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1978
LAST OBSERVED : 1978-

ELEVATION: 4400
PRECISION: M

COUNTY: NVCLAR

TOWNSHIP/RANGE: 021S058E
SECTION: 17

QUADNAME: BLUE DIAMOND
TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
PINE CREEK

GENERAL SITE DESCRIPTION:
WITH CLEMATIS, MARRUBIUM, CIRSIUM, ERIODICTYON.

SPECIES DATA:
1 MALE.

INFO SOURCE: AUSTIN AND AUSTIN. 1980:35.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

MILODERES RULIENI
RULIEN'S MILODERES WEEVIL

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED:
LAST OBSERVED :

ELEVATION: 2500
PRECISION: M

COUNTY: NVNYEX

TOWNSHIP/RANGE: 015S048E
SECTION: 16

QUADNAME: BIG DUNE
TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
BIG DUNE

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: SLEEPER, ELBERT. LONG BEACH STATE, CA.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PELOCORIS SHOSHONE AMARGOSUS
AMARGOSA NAUCORID BUG

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1955 ELEVATION: 2315 COUNTY: NVNYEX
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 018S051E QUADNAME: ASH MEADOWS
SECTION: 07 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
POINT-OF-ROCKS SPRING, ASH MEADOWS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

2 PARATYPES COLLECTED 31 MAY 1955, BELKIN ET AL. AT UCLA.

INFO SOURCE: LA RIVERS. 1956., WASMANN. J. BIOL. 14(1):155-158.

OWNERSHIP/MGMT.: USFWS/ASH MEADOWS

PELOCORIS SHOSHONE SHOSHONE
PAHRANAGAT NAUCORID BUG

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1949 ELEVATION: 3618 COUNTY: NVLINC
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 006S061E QUADNAME: ASH SPRINGS
SECTION: 06 TOWNSHIP COMMENT: NW4NW4NW4

DIRECTIONS TO SITE:
ASH SPRINGS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

THE MOST COMMON HEMIPTERAN - IN QUIET WATERS PREFERRING VEGETATION OR
OVERHANGING TURF BANKS.

INFO SOURCE: LA RIVERS. 1950.

OWNERSHIP/MGMT.: PRIVATE/BURNS RANCH

PELOCORIS SHOSHONE SHOSHONE
PAHRANAGAT NAUCORID BUG

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1949
LAST OBSERVED :

ELEVATION: 1700
PRECISION: SC

COUNTY: NVCLAR

TOWNSHIP/RANGE: 014S065E
SECTION: 16

QUADNAME: MOAPA WEST
TOWNSHIP COMMENT: SW4SE4SE4

DIRECTIONS TO SITE:
WARM SPRINGS JUST S OF LINCOLN COUNTY LINE

GENERAL SITE DESCRIPTION:
SMALL MARSH, 83-75 F.

SPECIES DATA:

INFO SOURCE: LA RIVERS. 1950.

OWNERSHIP/MGMT.: USFWS/MOAPA NWR

PSYCHOMASTAX DESERTICOLA INDIGENA
DESERT MONKEY GRASSHOPPER

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1959
LAST OBSERVED : 1959-08-25

ELEVATION: 6700
PRECISION: M

COUNTY: NVNYEX

TOWNSHIP/RANGE: 004S052E
SECTION: 26

QUADNAME: BELTED PEAK
TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
WEST BASE OF BELTED PEAK

GENERAL SITE DESCRIPTION:

SPECIES DATA:
TYPE IS ONLY SPECIMEN (FEMALE).

INFO SOURCE: REHN AND BRANT. 1961.

OWNERSHIP/MGMT.: USAF/NELLIS

SPEYERIA ZERENE CAROLAE
CAROL'S FRITILLARY

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1966 ELEVATION: 7700 COUNTY: NVCLAR
LAST OBSERVED : 1966-06-17 PRECISION: M

TOWNSHIP/RANGE: 018S056E QUADNAME: CHARLESTON PEAK
SECTION: 25 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
LEE CANYON

GENERAL SITE DESCRIPTION:

SPECIES DATA:
SINGLE BROOD. NUMEROUS RECORDS.

INFO SOURCE: AUSTIN AND AUSTIN. 1980:45.

OWNERSHIP/MGMT.: USFS/TOIYABE, BLM/LAS VEGAS

SPEYERIA ZERENE CAROLAE
CAROL'S FRITILLARY

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 8050 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: M

TOWNSHIP/RANGE: 019S057E QUADNAME: ANGEL PEAK
SECTION: 07 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
DEER CREEK

GENERAL SITE DESCRIPTION:

SPECIES DATA:
LARVA FEEDS ON VIOLA.

INFO SOURCE: AUSTIN AND AUSTIN. 1980:45.

OWNERSHIP/MGMT.: USFS/TOIYABE, BLM/LAS VEGAS

STENELMIS CALIDA MOAPA
MOAPA WARM SPRINGS RIFFLE BEETLE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1948 ELEVATION: 1700 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 014S065E QUADNAME: MOAPA WEST
SECTION: 16 TOWNSHIP COMMENT: SW4SE4SE4

DIRECTIONS TO SITE:
WARM SPRINGS (BIG POOL AND OUTLET STREAMS)

GENERAL SITE DESCRIPTION:
SWIFT OR STANDING WATERS, GRAVEL BOTTOM, ABUNDANT VEGETATION. WATER TEMP
89-75 DEGREES F. SUBMERGED GRASS AND OVERHANGING TURF BANKS. WITH CRENICHTHYS
BAILEYI AND MOAPA CORIACEA.

SPECIES DATA:
COMMON. ALSO ABOVE IN MARSH. WITH CRENICHTHYS BAILEYI AND MOAPA CORIACEA.

INFO SOURCE: LA RIVERS. 1949.

OWNERSHIP/MGMT.: USFWS/MOAPA NWR

STENELMIS CALIDA MOAPA
MOAPA WARM SPRINGS RIFFLE BEETLE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1948 ELEVATION: 3618 COUNTY: NVLINC
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 006S061E QUADNAME: ASH SPRINGS
SECTION: 06 TOWNSHIP COMMENT: NW4NW4NW4

DIRECTIONS TO SITE:
ASH SPRINGS, PAHRANAGAT VALLEY

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: LA RIVERS. 1949.

OWNERSHIP/MGMT.: PRIVATE/BURNS RANCH

USINGERINA MOAPENSIS
NAUCORID BUG

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: N/A

FIRST OBSERVED: ELEVATION: 1700 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 014S067E QUADNAME: MOAPA WEST
SECTION: 16 TOWNSHIP COMMENT: SW4SE4SE4

DIRECTIONS TO SITE:
MOAPA WARM SPRINGS, MOAPA NWR

GENERAL SITE DESCRIPTION:
POOL AND STREAM 89 F-75 F.

SPECIES DATA:
LARGE NUMBERS IN GRAVEL BEDS WITH INTERMEDIATE FLOW.

INFO SOURCE: LA RIVERS. 1950.

OWNERSHIP/MGMT.: USFWS/MOAPA NWR

PYRGULOPSIS AVERNALIS
MOAPA PEBBLESNAIL

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1973 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1973- PRECISION: SC

TOWNSHIP/RANGE: 014S065E QUADNAME: MOAPA WEST
SECTION: 16 TOWNSHIP COMMENT: NE4SE4

DIRECTIONS TO SITE:
MOAPA VALLEY WATER DISTRICT SPRING

GENERAL SITE DESCRIPTION:
ON SUBMERGENT VEGETATION.

SPECIES DATA:
ABUNDANT (5/CM2).

INFO SOURCE: LANDYE, J. 1973. STATUS...MOLLUSKS OF SW.

OWNERSHIP/MGMT.: FREDERICK APCAR

PYRGULOPSIS ISOLATUS
ELONGATE-GLAND SPRINGSNAIL

PROTECTION STATUS
FEDERAL: C1 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1986 ELEVATION: 2180 COUNTY: NVNYEX
LAST OBSERVED : 1986-07-08 PRECISION: SC

TOWNSHIP/RANGE: 018S050E QUADNAME: ASH MEADOWS
SECTION: 07 TOWNSHIP COMMENT: NE4

DIRECTIONS TO SITE:
SPRING S OF CLAY PITS. W OF CARSON SLOUGH.

GENERAL SITE DESCRIPTION:
7 DEGREE CELSIUS. ARTIFICIAL PIT CATTAILS, CHARA, GRASS, RUSHES.

SPECIES DATA:
EXTREMELY COMMON IN SMALL STREAM OUTFLOW FROM MARSH ON ROCKS COMMON ALONG
POOL PERIMETERS, ABSENT FROM WETLANDS. ENDEMIC TO TYPE LOCALITY.

INFO SOURCE: HERSCHLER AND SADA. 1987.

OWNERSHIP/MGMT.: PRIVATE/CLAY CAMP

PYRGULOPSIS MERRIAMI
PAHRANAGAT PEBBLESNAIL

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1973 ELEVATION: 3820 COUNTY: NVLINC
LAST OBSERVED : 1973- PRECISION: SC

TOWNSHIP/RANGE: 005S060E QUADNAME: HIKO
SECTION: 10 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CRYSTAL SPRINGS

GENERAL SITE DESCRIPTION:

SPECIES DATA:
ABUNDANT (3/CM2) IN UPPER 60-70 METERS OF RUN.

INFO SOURCE: LANDYE, J. 1973. STATUS...MOLLUSKS OF...SW.

OWNERSHIP/MGMT.: PRIVATE/CRYSTAL SPRINGS, BLM/LV

PYRGULOPSIS MERRIAMI
PAHRANAGAT PEBBLESNAIL

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1973 ELEVATION: 3618 COUNTY: NVLINC
LAST OBSERVED : 1973- PRECISION: SC

TOWNSHIP/RANGE: 006S061E QUADNAME: ASH SPRINGS
SECTION: 06 TOWNSHIP COMMENT: NW4NW4NW4

DIRECTIONS TO SITE:
ASH SPRINGS, PAHRANAGAT VALLEY

GENERAL SITE DESCRIPTION:

SPECIES DATA:
ABUNDANT (3/CM2) IN THE UPPER 60-70 METERS OF THE RUN.

INFO SOURCE: LANDYE, J. 1973. STATUS...MOLLUSKS OF...SW.

OWNERSHIP/MGMT.: PRIVATE/BURNS RANCH, BLM/LV

TRYONIA ALAMOSAE
SMALL SOLID TRYONIA

PROTECTION STATUS
FEDERAL: C1 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1985 ELEVATION: 2600 COUNTY: NVNYEX
LAST OBSERVED : 1985-11-10 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CHALK SPRINGS

GENERAL SITE DESCRIPTION:

SPECIES DATA:
COMMON ON MACROPHYTES AND ON TRAVERTINE AND ON SOFT SEDIMENTS.

INFO SOURCE: HERSHLER AND SADA. 1987.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

TRYONIA ALAMOSAE
SMALL SOLID TRYONIA

PROTECTION STATUS
FEDERAL: C1 NRS: NONE
NNNPS: N/A

FIRST OBSERVED: 1986 ELEVATION: 2180 COUNTY: NVNYEX
LAST OBSERVED : 1986-07-10 PRECISION: SC

TOWNSHIP/RANGE: 018S050E QUADNAME: ASH MEADOWS
SECTION: 07 TOWNSHIP COMMENT: NE4

DIRECTIONS TO SITE:
SPRING S OF CLAY PITS

GENERAL SITE DESCRIPTION:
7 DEGREES C. ARTIFICIAL PIT 2.0 M HIGH TRAVERTINE WALLS. SALT GRASS, CHARA,
TYPHA.

SPECIES DATA:

INFO SOURCE: HERSHLER AND SADA. 1987.

OWNERSHIP/MGMT.: PRIVATE/CLAY CAMP

PLANTS

DICOTS

ABRONIA ORBICULATA
TRANS MONTANE ABRONIA

PROTECTION STATUS
FEDERAL: 3B NRS: NONE
NNNPS: D

FIRST OBSERVED: 1959 ELEVATION: 5500 COUNTY: NVNYEX
LAST OBSERVED : 1959-05-08 PRECISION: G

TOWNSHIP/RANGE: 010S049E QUADNAME: TIMBER MOUNTAIN
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
FORTYMILE DRAINAGE, VALLEY WEST OF MESA.

GENERAL SITE DESCRIPTION:
SAND DUNE.

SPECIES DATA:

INFO SOURCE: RICKARD, CARPENTER AND BEATLEY 2161, NTS DUP. UNLV HERBARIUM #711.

OWNERSHIP/MGMT.: DOE/TEST SITE

ABRONIA ORBICULATA
TRANS MONTANE ABRONIA

PROTECTION STATUS
FEDERAL: 3B NRS: NONE
NNNPS: D

FIRST OBSERVED: 1960 ELEVATION: 3800 COUNTY: NVCLAR
LAST OBSERVED : 1972-04-24 PRECISION: S

TOWNSHIP/RANGE: 021S058E QUADNAME: BLUE DIAMOND
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
PINE CREEK, RED ROCK RECREATION AREA. ROADSIDE, 1 MI E OF CANYON

GENERAL SITE DESCRIPTION:
WASH.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM #7906, 4080, 709.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ABRONIA ORBICULATA
TRANS MONTANE ABRONIA

PROTECTION STATUS
FEDERAL: 3B NRS: NONE
NNNPS: D

FIRST OBSERVED: 1973 ELEVATION: 3700 COUNTY: NVCLAR
LAST OBSERVED : 1973-09-25 PRECISION: S

TOWNSHIP/RANGE: 021S059E QUADNAME: LA MADRE MTN
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CALICO BASIN, CA. 0.25 MI N OF CALICO SPRING

GENERAL SITE DESCRIPTION:
IN WASH.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM #7348.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, RED ROCKS RL

ABRONIA ORBICULATA
TRANS MONTANE ABRONIA

PROTECTION STATUS
FEDERAL: 3B NRS: NONE
NNNPS: D

FIRST OBSERVED: 1938 ELEVATION: 3380 COUNTY: NVCLAR
LAST OBSERVED : 1938-05-24 PRECISION: S

TOWNSHIP/RANGE: 022S059E QUADNAME: BLUE DIAMOND
SECTION: 07 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SPRING MTNS, COTTONWOOD SPRINGS

GENERAL SITE DESCRIPTION:
IN LARREA BELT. SANDY FLAT.

SPECIES DATA:

INFO SOURCE: CLOKEY 7920 (TOPOTYPE). UNLV HERBARIUM #710.

OWNERSHIP/MGMT.: BLM/LV, PRIVATE/BLUE DIAMOND

ABRONIA ORBICULATA
TRANS MONTANE ABRONIA

PROTECTION STATUS
FEDERAL: 3B NRS: NONE
NNNPS: D

FIRST OBSERVED: 1973 ELEVATION: 4000 COUNTY: NVCLAR
LAST OBSERVED : 1973-05-09 PRECISION: S

TOWNSHIP/RANGE: 022S059E QUADNAME: BLUE DIAMOND
SECTION: 17 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
2 MI FROM BLUE DIAMOND CUT-OFF, W ON PAHRUMP HWY

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM 24605.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ANGELICA SCABRIDA
ROUGH ANGELICA

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1935 ELEVATION: 4000 COUNTY: NVCLAR
LAST OBSERVED : 1963-06-18 PRECISION: SC

TOWNSHIP/RANGE: 021S058E QUADNAME: BLUE DIAMOND
SECTION: U TOWNSHIP COMMENT: UNSURVEYED SECTION

DIRECTIONS TO SITE:
27 MI W OF LAS VEGAS ON CHARLESTON RD, RED ROCKS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: ATWOOD. COMBINED WILLIAMS AND BRADLEY (UNLV).

OWNERSHIP/MGMT.: BLM/LAS VEGAS, NSP/SPRING MTN

ANGELICA SCABRIDA
ROUGH ANGELICA

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1935 ELEVATION: 4200 COUNTY: NVCLAR
LAST OBSERVED : 1938-06-06 PRECISION: G

TOWNSHIP/RANGE: 021S058E QUADNAME: BLUE DIAMOND
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
WILSON SPRINGS, LA MADRE MTN

GENERAL SITE DESCRIPTION:
IN ROCKY RAVINE SEEPAGE.

SPECIES DATA:

INFO SOURCE: BERKELEY HERBARIUM., USFS HERBARIUM - MT. CHARLESTON., CLOKEY 8051.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, USFS/TOIYABE

ANGELICA SCABRIDA
ROUGH ANGELICA

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1974 ELEVATION: 4320 COUNTY: NVCLAR
LAST OBSERVED : 1974-08-23 PRECISION: S

TOWNSHIP/RANGE: 022S058E QUADNAME: BLUE DIAMOND
SECTION: 04 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
1.1 MI W OF MAIN RESERVOIR ON SPRING MTN RANCH (=KRUP) RED ROCK STATE PARK

GENERAL SITE DESCRIPTION:
STREAM BED.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM #25132.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, NSP/SPRING MTN

ANGELICA SCABRIDA
ROUGH ANGELICA

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1980 ELEVATION: 4000 COUNTY: NVCLAR
LAST OBSERVED : 1980-06-25 PRECISION: S

TOWNSHIP/RANGE: 021S058E QUADNAME: BLUE DIAMOND
SECTION: 21 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
OAK CREEK SPRING, RED ROCK NRA, SPRING MTNS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM #14571., USFS HERBARIUM - MT. CHARLESTON. FISHER
TE22.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

ANGELICA SCABRIDA
ROUGH ANGELICA

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1960 ELEVATION: 4320 COUNTY: NVCLAR
LAST OBSERVED : 1982-07-01 PRECISION: M

TOWNSHIP/RANGE: 021S058E QUADNAME: BLUE DIAMOND
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
N FORK OF PINE CREEK CANYON, S SIDE OF STREAM, SPRING MTNS, RED ROCK NRA.
BASE OF SANDSTONE BLUFFS. S SIDE OF SPRING 300 FT ABOVE MOUTH OF N FORK OF PINE
CREEK CANYON

GENERAL SITE DESCRIPTION:
NEAR STREAM. ASH, WILLOW, PONDEROSA.

SPECIES DATA:
NUMEROUS PLANTS.

INFO SOURCE: UNLV 5412, 1441, 1439., NSM 6147A & B., USFS HERBARIUM - MT.
CHARLESTON. PINZL 4899, BRADLEY 90, WILLIAMS 341.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

ANULOCAULIS LEIOSOLENUS
RING-STEM

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: NONE

FIRST OBSERVED: 1975 ELEVATION: 2000 COUNTY: NVCLAR
LAST OBSERVED : 1975-10-15 PRECISION: M

TOWNSHIP/RANGE: 021S063E QUADNAME: FRENCHMAN MTN
SECTION: 04 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SW OF LAVA BUTTE, E OF LAS VEGAS

GENERAL SITE DESCRIPTION:
IN GYPSUM SOIL.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM #11326.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ANULOCAULIS LEIOSOLENUS
RING-STEM

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: NONE

FIRST OBSERVED: 1979 ELEVATION: 1600 COUNTY: NVCLAR
LAST OBSERVED : 1979-06-03 PRECISION: M

TOWNSHIP/RANGE: 014S066E QUADNAME: MOAPA EAST
SECTION: 02 TOWNSHIP COMMENT: POSSIBLY T15S

DIRECTIONS TO SITE:
MUDDY MOUNTAINS, AT GLENDALE

GENERAL SITE DESCRIPTION:
WITH PHACELIA PALMERI, PSATHYROTES PILIFERA, PETALONYX PARRYI. ON GYPSUM
SOILS.

SPECIES DATA:
COMMON.

INFO SOURCE: SWEARINGEN-KNIGHT. 1983. MADRONO. 30(4):31-51.

OWNERSHIP/MGMT.: NDOT RIGHT-OF-WAY

ARABIS DISPAR
UNEQUAL ROCK-CRESS

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1978 ELEVATION: 6450 COUNTY: NVNYEX
LAST OBSERVED : 1978-04-24 PRECISION: S

TOWNSHIP/RANGE: 009S052E QUADNAME: RAINIER MESA
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
NW YUCCA FLAT DRAINAGE, W OF CAPT. JACK SPRING, S SIDE OF STOCKADE WASH RD, N
ELEANA RANGE

GENERAL SITE DESCRIPTION:
ARTEMISIA NOVA VEGETATION. RED ARGILLIC HILL.

SPECIES DATA:
PLANTS ON EARLY FLOWER, SCATTERED.

INFO SOURCE: UNLV HERBARIUM #25064, 11824.

OWNERSHIP/MGMT.: DOE/TEST SITE

ARABIS DISPAR
UNEQUAL ROCK-CRESS

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1978 ELEVATION: 5750 COUNTY: NVNYEX
LAST OBSERVED : 1978-05-20 PRECISION: S

TOWNSHIP/RANGE: 009S052E QUADNAME: RAINIER MESA
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
NW YUCCA FLAT DRAINAGE, CANYON E OF CAPT. JACK SPRING, ELEANA RANGE

GENERAL SITE DESCRIPTION:
WITH EPHEDRA VIRIDIS, LUPINUS BREVICAULIS, CAMISSONIA CHAMAEROIDES. RED
ARGILLIC SOILS, STEEP S-FACING SLOPE.

SPECIES DATA:
LOCALLY COMMON.

INFO SOURCE: UNLV HERBARIUM #11823.

OWNERSHIP/MGMT.: DOE/TEST SITE

ARABIS SHOCKLEYI
SHOCKLEY'S ROCK-CRESS

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1973 ELEVATION: 4000 COUNTY: NVCLAR
LAST OBSERVED : 1973-05-09 PRECISION: S

TOWNSHIP/RANGE: 022S059E QUADNAME: BLUE DIAMOND
SECTION: 17 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
2 MI W OF BLUE DIAMOND JCT ON PAHRUMP HWY 0.5 MI N OF HWY, S SPRING MTNS

GENERAL SITE DESCRIPTION:
ROCKY HILLSIDES AND BOULDERS.

SPECIES DATA:
UNCOMMON.

INFO SOURCE: UNLV HERBARIUM #24585.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARABIS SHOCKLEYI
SHOCKLEY'S ROCK-CRESS

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1977 ELEVATION: 5000 COUNTY: NVLINC
LAST OBSERVED : 1977-06-02 PRECISION: M

TOWNSHIP/RANGE: 001S068E QUADNAME: CONDOR CANYON
SECTION: 23 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CONDOR CANYON, E OF PANACA

GENERAL SITE DESCRIPTION:
S FACING LIMESTONE CLIFF.

SPECIES DATA:
FLOWERS WHITISH.

INFO SOURCE: UNLV HERBARIUM #11852.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, TNC/CONDOR

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1977 ELEVATION: 1600 COUNTY: NVCLAR
LAST OBSERVED : 1977-04-05 PRECISION: M

TOWNSHIP/RANGE: 020S063E QUADNAME: FRENCHMAN MTN
SECTION: 26 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
NEAR ENTRANCE TO LAKE MEAD NATIONAL RECREATION AREA EAST OF FRENCHMAN MTN

GENERAL SITE DESCRIPTION:
WITH ENCELIOPSIS ARGOPHYLLA, PETALONYX PARRYI.

SPECIES DATA:
LOCALLY COMMON. TO 1100'.

INFO SOURCE: LEARY. RENO HERBARIUM #42863.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE?

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1976 ELEVATION: 1900 COUNTY: NVCLAR
LAST OBSERVED : 1987-05 PRECISION: M

TOWNSHIP/RANGE: 020S063E QUADNAME: FRENCHMAN MTN
SECTION: 11 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
NEAR RD TO JOHNS-MANSVILLE GYPSUM PLANT, 1 MI N OF LAKE MEAD BLVD

GENERAL SITE DESCRIPTION:
ON WHITE GYPSUM SOIL.

SPECIES DATA:
'OCCASIONAL' ABUNDANCE. MANY PLANTS - 1987.

INFO SOURCE: HOLLAND., PHILLIPS AND PHILLIPS. 1988. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE?

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1844 ELEVATION: 2000 COUNTY: NVCLAR
LAST OBSERVED : 1976-03-26 PRECISION: M

TOWNSHIP/RANGE: 019S065E QUADNAME: HOOVER DAM
SECTION: 16 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
NEAR RD TO ANNIVERSARY MINE, 2 MI N OF WEST END WASH

GENERAL SITE DESCRIPTION:
WITH AMBROSIA DUMOSA, ENCELIOPSIS ARGOPHYLLA.

SPECIES DATA:

INFO SOURCE: HOLLAND.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1844 ELEVATION: 1950 COUNTY: NVCLAR
LAST OBSERVED : 1969-04-25 PRECISION: SC

TOWNSHIP/RANGE: 020S061E QUADNAME: LAS VEGAS NW
SECTION: 10 TOWNSHIP COMMENT: SE4SE4

DIRECTIONS TO SITE:
INTERSECTION OF COMMERCE AND CHEYENNE RDS, 4 MI N OF LAS VEGAS, ALONG N 5TH
ST

GENERAL SITE DESCRIPTION:
WITH ATRIPLEX AND SHADSCALE. IN SANDY SOILS.

SPECIES DATA:
PLANTS NOT LOCATED IN 1987.

INFO SOURCE: HOLLAND., PHILLIPS AND PHILLIPS. 1988. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE/LV

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1844 ELEVATION: 2460 COUNTY: NVCLAR
LAST OBSERVED : 1889-05-01 PRECISION: G

TOWNSHIP/RANGE: 018S060E QUADNAME: TULE SPRINGS PARK
SECTION: 34 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
VEGAS VALLEY, NW OF LAS VEGAS

GENERAL SITE DESCRIPTION:
MESAS, OPEN FIELDS.

SPECIES DATA:
SCATTERED COLONIES (1917).

INFO SOURCE: CLOKEY, UNR., PHILLIPS AND PHILLIPS. 1988. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1844 ELEVATION: 2020 COUNTY: NVCLAR
LAST OBSERVED : 1939-04-19 PRECISION: G

TOWNSHIP/RANGE: 020S060E QUADNAME: BLUE DIAMOND NE
SECTION: 32 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
2 MI W OF LAS VEGAS

GENERAL SITE DESCRIPTION:
IN LARREA BELT. GRAVELLY DESERT. ELEV 640 METERS = APPROX. 2020 FT.

SPECIES DATA:

INFO SOURCE: CLOKEY, SPECIMEN #8347.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1844 ELEVATION: 2000 COUNTY: NVCLAR
LAST OBSERVED : 1938-05-08 PRECISION: SC

TOWNSHIP/RANGE: 021S061E QUADNAME: LAS VEGAS NE
SECTION: 02 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
LAS VEGAS CITY DUMP, 2 MI SE OF LAS VEGAS

GENERAL SITE DESCRIPTION:
IN GRAVEL HUMMOCKS.

SPECIES DATA:
YELLOW FLOWERS. EXTIRPATED BY URBANIZATION.

INFO SOURCE: TRAIN 1640. NEVADA STATE MUSEUM 270 T.

OWNERSHIP/MGMT.: PRIVATE/LAS VEGAS DUMP

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1970 ELEVATION: 2350 COUNTY: NVCLAR
LAST OBSERVED : 1989-11-18 PRECISION: SC

TOWNSHIP/RANGE: 019S063E QUADNAME: APEX
SECTION: 08 TOWNSHIP COMMENT: OR SECTION 9, 17

DIRECTIONS TO SITE:
ALONG I-15 SOUTH SIDE OF HIGHWAY, JUST W OF APEX EXIT N OF LAS VEGAS. NE OF
NELLIS AFB BETWEEN I-15 AND LAS VEGAS BLVD N.

GENERAL SITE DESCRIPTION:
NORTHERLY EXPOSURE ON ROAD CUTS W/ GRAVELLY SOILS, GYPSUM SOILS.
LARREA-AMBROSIA, SANDS.

SPECIES DATA:
NO PLANTS SEEN IN 1987. 7 LIVING PLANTS & 6 DEAD PLANTS FOUND. 1 LIVING PLANT
IN FLOWER. 1989: SEVERAL PLANTS IN SECTION 17.

INFO SOURCE: PINZL., PHILLIPS AND PHILLIPS. 1988. STATUS REPORT., NELSON. 1988.
FIELD SITE SHEET IN SP. FILE. BURGE, B. 1989 SIGHTING
OWNERSHIP/MGMT.: BLM/LAS VEGAS, NDOT

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1944 ELEVATION: 2200 COUNTY: NVCLAR
LAST OBSERVED : 1933-03-22 PRECISION: G

TOWNSHIP/RANGE: 020S063E QUADNAME: FRENCHMAN MTN
SECTION: 17 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
LAKE MEAD BLVD, 1 MI E OF PASS BETWEEN FRENCHMAN MTN AND SUNRISE MTN

GENERAL SITE DESCRIPTION:
DRY LOOSE SLOPES OF FRENCHMAN MTN NE OF LAS VEGAS.

SPECIES DATA:

INFO SOURCE: HOLLAND.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE?

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1844 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1917-04-23 PRECISION: G

TOWNSHIP/RANGE: 019S065E QUADNAME: MUDDY PEAK
SECTION: 02 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
ON SLOPES OF MUDDY RANGE NE OF LAS VEGAS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: TIDESTROM, #9082.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1844 ELEVATION: 1655 COUNTY: NVCLAR
LAST OBSERVED : 1944-05-05 PRECISION: SC

TOWNSHIP/RANGE: 019S067E QUADNAME: BITTER SPRING
SECTION: 16 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
BITTER SPRING, MUDDY MOUNTAINS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: KNIGHT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1844 ELEVATION: 1840 COUNTY: NVCLAR
LAST OBSERVED : 1973-05-19 PRECISION: S

TOWNSHIP/RANGE: 020S063E QUADNAME: FRENCHMAN MTN
SECTION: 12 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
NEAR GYPSUM CAVE, CA 10 MI SE OF LAS VEGAS, W OF JOHN-MANSVILLE GYPSUM MINE
VIA LAKE MEAD BLVD

GENERAL SITE DESCRIPTION:
GYPSEOUS FLATS AND KNOLLS.

SPECIES DATA:

INFO SOURCE: PHILLIPS AND PHILLIPS. 1988. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1844 ELEVATION: 2765 COUNTY: NVCLAR
LAST OBSERVED : 1917-05-06 PRECISION: G

TOWNSHIP/RANGE: 022S060E QUADNAME: BLUE DIAMOND SE
SECTION: 20 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
ON RAILROAD TRACKS W/OF LAS VEGAS

GENERAL SITE DESCRIPTION:
DESERT FLATS. GYPSUM CLAY.

SPECIES DATA:

INFO SOURCE: CLOKEY., PHILLIPS AND PHILLIPS. 1988. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, UNION PACIFIC

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1987 ELEVATION: 2190 COUNTY: NVCLAR
LAST OBSERVED : 1987-05 PRECISION: S

TOWNSHIP/RANGE: 020S061E QUADNAME: LAS VEGAS NW
SECTION: 07 TOWNSHIP COMMENT: SE4 & SECTION 8 SW4

DIRECTIONS TO SITE:
VACANT BUT DISTURBED LAND N OF CHEYENNE BLVD., N LAS VEGAS

GENERAL SITE DESCRIPTION:
DISTURBED LAND.

SPECIES DATA:

INFO SOURCE: PHILLIPS AND PHILLIPS. 1988. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE/LV

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1985 ELEVATION: 1900 COUNTY: NVCLAR
LAST OBSERVED : 1985-04-06 PRECISION: S

TOWNSHIP/RANGE: 020S063E QUADNAME: FRENCHMAN MTN
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
9 MI E OF N LAS VEGAS, JCT OF PADCO MINE AND LAKE MEAD BLVD, E OF JCT, 2 MI E
OF SUMMIT PASS

GENERAL SITE DESCRIPTION:
DRY GRAVELLY SLOPE.

SPECIES DATA:

INFO SOURCE: PHILLIPS AND PHILLIPS. 1988. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1979 ELEVATION: 1900 COUNTY: NVCLAR
LAST OBSERVED : 1987-05 PRECISION: S

TOWNSHIP/RANGE: 018S066E QUADNAME: BITTER SPRING
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
AMERICAN BORAX MINE, N OF MUDDY PEAK LAKE MEAD NRA

GENERAL SITE DESCRIPTION:
WITH ATRIPLEX, PSATHYROTES, PHACELIA PALMERII. ON GYPSUM CLAYS, DISTURBED
AREA DUE TO SURFACE MINING.

SPECIES DATA:

INFO SOURCE: PHILLIPS AND PHILLIPS. 1988. STATUS REPORT., KNIGHT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1987 ELEVATION: 2000 COUNTY: NVCLAR
LAST OBSERVED : 1987-05 PRECISION: MO

TOWNSHIP/RANGE: 019S056E QUADNAME: MUDDY PEAK
SECTION: 15 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
NEAR RD TO ANNIVERSARY MINE, 2 MI N OF WEST END WASH, LAKE MEAD RNA

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: PHILLIPS AND PHILLIPS. 1988. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1934 ELEVATION: 3358 COUNTY: NVCLAR
LAST OBSERVED : 1934-05-03 PRECISION: G

TOWNSHIP/RANGE: 022S062E QUADNAME: LAS VEGAS SE
SECTION: 25 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
TELEPHONE RELAY STATION, 3 TO 4 MI S OF LAS VEGAS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: PHILLIPS AND PHILLIPS. 1988. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1937 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1937-05-03 PRECISION: U

TOWNSHIP/RANGE: U QUADNAME:
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
NW OF LAS VEGAS, W OF LAS VEGAS, VICINITY OF LAS VEGAS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: CLOKEY HISTORIC COLLECTIONS 1937-39. RENO HERBARIUM #56463, 9121,
9122.

OWNERSHIP/MGMT.: PRIVATE, BLM/LAS VEGAS

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: ELEVATION: 2100 COUNTY: NVCLAR
LAST OBSERVED : 1989-07-08 PRECISION: SC

TOWNSHIP/RANGE: 019S061E QUADNAME: GASS PEAK SW
SECTION: 33 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
NORTH LAS VEGAS, NW OF CRAIG RANCH COUNTRY CLUB

GENERAL SITE DESCRIPTION:
WITH ATRIPLEX, STANLEYA PINNATA. LIGHT COLORED SOILS.

SPECIES DATA:
90 IMMATURE SPECIMENS, 10 MATURE PLANTS.

INFO SOURCE: HUNTER, RICHARD. 1989. FIELD SITE SHEETS IN SP. FILE.

OWNERSHIP/MGMT.: BLM, PRIVATE?/LAS VEGAS

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: ELEVATION: 2200 COUNTY: NVCLAR
LAST OBSERVED : 1989-07-08 PRECISION: SC

TOWNSHIP/RANGE: 020S061E QUADNAME: LAS VEGAS NW
SECTION: 08 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
NORTH LAS VEGAS, NE OF NLV AIR TERMINAL AT CORNER OF LOGAN AND SIMMONS ROAD

GENERAL SITE DESCRIPTION:
DECAYED WHITE OUTCROPS.

SPECIES DATA:
ALL INDIVIDUALS DEAD THIS YEAR (10 PLANTS) DUE TO WEATHER?

INFO SOURCE: HUNTER, RICHARD. 1989. FIELD SITE SHEET IN SP. FILE.

OWNERSHIP/MGMT.: PRIVATE/LAS VEGAS, BLM/LV

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1989 ELEVATION: 2200 COUNTY: NVCLAR
LAST OBSERVED : 1989-05 PRECISION: M

TOWNSHIP/RANGE: 020S061E QUADNAME: LAS VEGAS NW
SECTION: 31 TOWNSHIP COMMENT: SECTIONS 29 & 32

DIRECTIONS TO SITE:
LAS VEGAS URBAN AREA, LAS VEGAS VALLEY WATER DISTRICT YARD, AT 3700 W.
CHARLESTON.

GENERAL SITE DESCRIPTION:
IN DISTURBED CREOSOTE BUSH ADJACENT TO WASH.

SPECIES DATA:
GREATER THAN 10 PLANTS IN 5 METER SQUARED AREA, ALL MATURE.

INFO SOURCE: BRADNEY, DAVID. 1989. FIELD SITE SHEET.

OWNERSHIP/MGMT.: LAS VEGAS VALLEY WATER DIST.

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1990 ELEVATION: 1920 COUNTY: NVCLAR
LAST OBSERVED : 1990-01-10 PRECISION: M

TOWNSHIP/RANGE: 020S063E QUADNAME: FRENCHMAN MTN
SECTION: 01 TOWNSHIP COMMENT: SE4

DIRECTIONS TO SITE:
PABCO GYPSUM MINE, N OF LAS VEGAS.

GENERAL SITE DESCRIPTION:
GYPSUM SOIL.

SPECIES DATA:
50-100 PLANTS, MOSTLY MATURE.

INFO SOURCE: MACDONALD/DAMES & MOORE. 1990 SITE SHEET.

OWNERSHIP/MGMT.: BLM/LV, PRIVATE/PABCO MINE

ARCTOMECON CALIFORNICA
CALIFORNIA BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: W

FIRST OBSERVED: 1990 ELEVATION: 2400 COUNTY: NVCLAR
LAST OBSERVED : 1990-02-20 PRECISION: SC

TOWNSHIP/RANGE: 016S070E QUADNAME: WHITNEY POCKET
SECTION: 32 TOWNSHIP COMMENT: SW4

DIRECTIONS TO SITE:
GOLD BUTTE, ON DIRT RD 1.25 MI W OF JCT OF NEW GOLD BUTTE ROAD AND WHITNEY
POCKET, SE OF PETROGLYPHS BY 3 MI TO AREA OF GYPSUM-SHALES.

GENERAL SITE DESCRIPTION:
IN GYPSUM WITH PSOROTHAMNUS FREMONTII AND COLDENIA ANNUA IN CREOSOTE BUSH
SCRUB.

SPECIES DATA:
2 PLANTS, 1 WITH ROSETTES, 1 DEAD.

INFO SOURCE: KNIGHT. 1990. FIELD SITE SHEET IN SP. FILE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARCTOMECON MERRIAMII
WHITE BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1891 ELEVATION: 2600 COUNTY: NVNYEX
LAST OBSERVED : 1971-04-23 PRECISION: G

TOWNSHIP/RANGE: 020S052E QUADNAME: STEWART VALLEY
SECTION: 08 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
E SIDE OF STEWART VALLEY NEAR N END OF MESQUITE AREA

GENERAL SITE DESCRIPTION:
LARREA-AMBROSIA-ATRIPLEX. ON LOOSE TALUS SLOPES, NEAR BASE OF LIMESTONE MOUNTAIN.

SPECIES DATA:
COMMON.

INFO SOURCE: COCHRANE, S.E. 1797. T/E SPECIES ON NTS, APPENDIX C.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARCTOMECON MERRIAMII
WHITE BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1968 ELEVATION: 3200 COUNTY: NVNYEX
LAST OBSERVED : 1969-06-16 PRECISION: G

TOWNSHIP/RANGE: 016S052E QUADNAME: POINT OF ROCKS
SECTION: 03 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
S FACE OF E SPECTER RANGE, CANYON NEAR POINT OF ROCKS, N OF RT 95, E AMARGOSA DRAINAGE, 2.5 MI N OF NRDS TURNOFF, 1.5 MI W OF POINT OF ROCKS

GENERAL SITE DESCRIPTION:
IN LARREA-ATRIPLEX-AMBROSIA VEGETATION. BARE GRAVEL, TERRACE WALL, BANK OF MAJOR WASH.

SPECIES DATA:
UNCOMMON, TO 3400'.

INFO SOURCE: BEATLEY 8131. COCHRANE, S.E. 1979. T/E SPECIES ON NTS, APPENDIX C., RENO HERBARIUM #25319.
OWNERSHIP/MGMT.: BLM/LAS VEGAS, DOE/TEST SITE

ARCTOMECON MERRIAMII
WHITE BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1892 ELEVATION: 3000 COUNTY: NVLINC
LAST OBSERVED : 1981-06-15 PRECISION: M

TOWNSHIP/RANGE: 011S064E QUADNAME: DELAMAR 3 SE
SECTION: 06 TOWNSHIP COMMENT: NW4SE4, UNSURVEYED

DIRECTIONS TO SITE:

IN KANE SPRING VALLEY. ON OUTCROP CA. 1.5 MI S OF FENCE CROSSING ON MAIN RD
FROM HWY 93 TO ELGIN JUST S OF KANE SPRING WASH

GENERAL SITE DESCRIPTION:

KRAMERIA, SPHAERALCEA, MENTZELIA MIMULIS, CRYPTANTHA. CREOSOTE BUSH SCRUB, ON
STEEP SLOPE, PLANTS OCCURRING ON RIDGE. COARSE LIMESTONE GRAVEL. NW ASPECT.

SPECIES DATA:

8 INDIVIDUALS SEEN IN 25 M CIRCLE. 2 ROSETTES YOUNG, NO FLOWERS, REMAINING
PLANTS DRIED UP.

INFO SOURCE: MOONEY.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARCTOMECON MERRIAMII
WHITE BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1939 ELEVATION: 4593 COUNTY: NVCLAR
LAST OBSERVED : 1939-04-26 PRECISION: G

TOWNSHIP/RANGE: 017S056E QUADNAME: INDIAN SPRINGS
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

S OF INDIAN SPRINGS

GENERAL SITE DESCRIPTION:

IN SADDLE OF GRAVELLY SLOPE.

SPECIES DATA:

INFO SOURCE: RENO HERBARIUM #9123.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARCTOMECON MERRIAMII
WHITE BEAR POPPY

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1980 ELEVATION: 2900 COUNTY: NVLINC
LAST OBSERVED : 1980-04-26 PRECISION: S

TOWNSHIP/RANGE: 011S064E QUADNAME: DELAMAR 3 SE
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
KANE SPRINGS WASH RD, 9.6 MI E OF US 93

GENERAL SITE DESCRIPTION:
LARREA, AMBROSIA, YUCCA. GRAVEL, ROADSIDE.

SPECIES DATA:

INFO SOURCE: AUSTIN AND PINZL. NEVADA STATE MUSEUM 4011.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARENARIA STENOMERES
MEADOW VALLEY SANDWORT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1941 ELEVATION: 3300 COUNTY: NVLINC
LAST OBSERVED : 1941-05-19 PRECISION: G

TOWNSHIP/RANGE: 012S064E QUADNAME: WILDCAT WASH SE
SECTION: 32 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
IN A CANYON AT S END OF MEADOW VALLEY RANGE

GENERAL SITE DESCRIPTION:
ON LIMESTONE CLIFFS.

SPECIES DATA:
43 PLANTS.

INFO SOURCE: EASTWOOD.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARENARIA STENOMERES
MEADOW VALLEY SANDWORT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1941 ELEVATION: 3300 COUNTY: NVLINC
LAST OBSERVED : 1979-04-11 PRECISION: SC

TOWNSHIP/RANGE: 012S064E QUADNAME: WILDCAT WASH NE
SECTION: 19 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
SW SIDE OF MEADOW VALLEY MTNS.

GENERAL SITE DESCRIPTION:
WITH EUCNIDE URENS, STIPA SPECIOSA, PEUCEPHYLLUM SCHOTTII, SPHAERALCEA,
LEPIDIUM FREMONTII. STEEP N-FACING HILLSIDE.

SPECIES DATA:
11 PLANTS FOUND.

INFO SOURCE: TIEHM, ARNOLD. 1981. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARENARIA STENOMERES
MEADOW VALLEY SANDWORT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1982 ELEVATION: 3100 COUNTY: NVCLAR
LAST OBSERVED : 1982-05-15 PRECISION: S

TOWNSHIP/RANGE: 015S063E QUADNAME: ARROW CANYON SW
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
ARROW CANYON RANGE, W SIDE OF RANGE, E OF LARGE GRAVEL PIT

GENERAL SITE DESCRIPTION:
STEEP LIMESTONE OUTCROPS.

SPECIES DATA:

INFO SOURCE: TIEHM 6884. RENO HERBARIUM #62852.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARENARIA STENOMERES
MEADOW VALLEY SANDWORT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1982 ELEVATION: 2900 COUNTY: NVCLAR
LAST OBSERVED : 1982-05-13 PRECISION: S

TOWNSHIP/RANGE: 015S063E QUADNAME: ARROW CANYON NW
SECTION: 04 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
LAS VEGAS RANGE, 9.4 RD MI S OF HWY 7, ON HWY 93 W OF HWY

GENERAL SITE DESCRIPTION:
STEEP LIMESTONE OUTCROPS.

SPECIES DATA:

INFO SOURCE: TIEHM 6836, 6837. RENO HERBARIUM #62907, 62894.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ARENARIA STENOMERES
MEADOW VALLEY SANDWORT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1982 ELEVATION: 3200 COUNTY: NVCLAR
LAST OBSERVED : 1982-05-13 PRECISION: S

TOWNSHIP/RANGE: 015S063E QUADNAME: ARROW CANYON NW
SECTION: 16 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
LAS VEGAS RANGE, 12 RD MI S OF HWY 7 ON HWY 93, 0.5 MI W OF HWY

GENERAL SITE DESCRIPTION:
STEEP LIMESTONE OUTCROPS.

SPECIES DATA:

INFO SOURCE: TIEHM 6839. RENO HERBARIUM #62896.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASCLEPIAS EASTWOODIANA
EASTWOOD'S MILKWEED

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1909 ELEVATION: 4700 COUNTY: NVLINC
LAST OBSERVED : 1985-06-06 PRECISION: M

TOWNSHIP/RANGE: 001N064E QUADNAME: DEADMAN SPRING NE
SECTION: 23 TOWNSHIP COMMENT: SW4SE4

DIRECTIONS TO SITE:

DRY LAKE VALLEY, 17 MI EAST OF PIOCHE, 4 MI SW OF BULLFROG RESERVOIR.

GENERAL SITE DESCRIPTION:

WITH MIXED SHRUBS, CHRYSOTHAMNUS NAUSEOSUS, TETRADYMIA GLABRATA, PENSTEMON ALBOMARGINATA, OENOTHERA CALIFORNICA, AND HILARIA JAMESII.

SPECIES DATA:

SCATTERED IN SMALL GROUPS.

INFO SOURCE: COX. 1981. MX SITE SHEET. NSM HERBARIUM #7817. NICHOLS 471, RICHARD AND TIEHM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS ACKERMANII
ACKERMAN'S MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1973 ELEVATION: 5200 COUNTY: NVCLAR
LAST OBSERVED : 1979-05-27 PRECISION: SC

TOWNSHIP/RANGE: 017S060E QUADNAME: GASS PEAK
SECTION: 15 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

AT HEAD OF BOX CANYON, SE EDGE OF SHEEP RANGE OVERLOOKING YUCCA FOREST. 1973 SURVEY DIRECTIONS SAY E SLOPE OF YUCCA 7103 TRIANGLE, SHEEP RANGE

GENERAL SITE DESCRIPTION:

LEDGES OF LIMESTONE CLIFFS. 1973 SURVEY ELEV WAS 5600'.

SPECIES DATA:

INFO SOURCE: ACKERMAN.

OWNERSHIP/MGMT.: USFWS/DESERT NWR, BLM/LAS VEGAS

ASTRAGALUS AEQUALIS
CLOKEY'S MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1898 ELEVATION: 6200 COUNTY: NVCLAR
LAST OBSERVED : 1972-06-11 PRECISION: M

TOWNSHIP/RANGE: 018S056E QUADNAME: COLD CREEK
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
APPROX 0.5 MI E OF COLD CREEK, SPRING MTNS. EAST EXPOSURE

GENERAL SITE DESCRIPTION:
IN PINYON-JUNIPER WOODLAND.

SPECIES DATA:
RARE.

INFO SOURCE: WHITE (UNLV). CROSBY, V. 1980. STATUS RPT ON ASTRAGALUS AEQUALIS.,
USFS HERBARIUM - MT. CHARLESTON.
OWNERSHIP/MGMT.: BLM/LAS VEGAS,USFS/TOIYABE

ASTRAGALUS AEQUALIS
CLOKEY'S MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1938 ELEVATION: 6000 COUNTY: NVCLAR
LAST OBSERVED : 1970-06-02 PRECISION: M

TOWNSHIP/RANGE: 018S055E QUADNAME: WILLOW PEAK
SECTION: 02 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
1938: FT OF GRADE, HEAD WILLOW CRK, 3 MI N COLD SPRNG CRK, N END SPRING MTNS.
1970: UPLANDS ABOVE WILLOW CRK, NEAR RD AT BASE OF NE SLOPE, SPRING MTNS, INDIAN
SPRNG VALLEY DRAINAGE
GENERAL SITE DESCRIPTION:
WITH ARTEMISIA, PINYON-JUNIPER.

SPECIES DATA:
1970: IN FRUIT. 1938: LOCALLY COMMON.

INFO SOURCE: BEATLEY AND REVEAL 10849. TRAIN 1997. CLOKEY, I. 1942. MADRONO.
6:216., USFS HERBARIUM - MT. CHARLESTON.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS CALYCOSUS VAR MONOPHYLLIDIUS
ONE LEAFLET TORREY MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1977 ELEVATION: 5900 COUNTY: NVLINC
LAST OBSERVED : 1977-06-03 PRECISION: M

TOWNSHIP/RANGE: 004S069E QUADNAME: ISLEN
SECTION: 28 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

1.2 MI E OF JUNCTION OF BEAVER DAM STATE PARK ROAD AND ROAD TO ISLEN.

GENERAL SITE DESCRIPTION:
WITH PINE AND JUNIPER.

SPECIES DATA:
VERY ABUNDANT.

INFO SOURCE: NILES AND LEARY 2101. NSM HERBARIUM 4601G.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS CONVALLARIUS VAR FINITIMUS
PINE VALLEY MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1982 ELEVATION: 6060 COUNTY: NVLINC
LAST OBSERVED : 1982-06-18 PRECISION: U

TOWNSHIP/RANGE: 002S071E QUADNAME: UVADA
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

SR 319 E OF PANACA, 0.4 RD MI W OF NV-UT STATE LINE

GENERAL SITE DESCRIPTION:
PINYON-JUNIPER. DRY SLOPES.

SPECIES DATA:

INFO SOURCE: WILLIAMS 82-161-1 AND TIEHM. RENO HERBARIUM #54746.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS CONVALLARIUS VAR FINITIMUS
PINE VALLEY MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1983 ELEVATION: 5900 COUNTY: NVLINC
LAST OBSERVED : 1983-06-23 PRECISION: S

TOWNSHIP/RANGE: 004S065E QUADNAME: CHOKECHERRY MTN
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
DELAMAR MTNS, 1.8 RD MI W OF OAK SPRINGS SUMMIT ON HWY 93, THEN 2.2 MI NE ON
DIRT RD.

GENERAL SITE DESCRIPTION:
ON PINYON-JUNIPER. BARREN CLAY SOILS.

SPECIES DATA:

INFO SOURCE: TIEHM 7985 AND WILLIAMS. RENO HERBARIUM #55820.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS CONVALLARIUS VAR FINITIMUS
PINE VALLEY MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1983 ELEVATION: 5600 COUNTY: NVLINC
LAST OBSERVED : 1983-06-23 PRECISION: S

TOWNSHIP/RANGE: 005S067E QUADNAME: ECCLES
SECTION: 04 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CLOVER MTN, 6.2 RD MI FROM CALIENTE ON ELLA MTN RD

GENERAL SITE DESCRIPTION:
WITH PINYON-JUNIPER-ARTEMISIA.

SPECIES DATA:
LOCALLY COMMON.

INFO SOURCE: TIEHM 7968 AND WILLIAMS. RENO HERBARIUM 55803.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

| ASTRAGALUS EURYLOBUS
| PECK STATION MILK-VETCH

| PROTECTION STATUS
| FEDERAL: C2 NRS: NONE
| NNNPS: W

FIRST OBSERVED: 1944 ELEVATION: 5060 COUNTY: NVLINC
LAST OBSERVED : 1985-05-20 PRECISION: SC

TOWNSHIP/RANGE: 003S068E QUADNAME: INDIAN COVE
SECTION: 09 TOWNSHIP COMMENT: & SECTIONS 16,21

DIRECTIONS TO SITE:

FROM 2 TO 5 MI NW OF EMPY MOUNTAIN, AND 10 MI NE OF CALIENTE

GENERAL SITE DESCRIPTION:

WITH ARTEMISIA NOVA, JUNIPERUS OSTEOSPERMA, CHRYSOTHMNUM VISCIDIFLORUS,
COWANIA, EPHEDRA, LINUM, FRASERA, LUPINUS. ON PANACA FORMATION, LACUSTRINE
SEDIMENTS.

SPECIES DATA:

OVER 1000 INDIVIDUALS ON 219 AC W/MORE POTENTIAL HABITAT. ALL FLOWERING OR
FRUITING. MANY SEEDLINGS AND SEEDS.

INFO SOURCE: NICHOLS, GARY. 1985. FIELD SITE SHEETS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

| ASTRAGALUS EURYLOBUS
| PECK STATION MILK-VETCH

| PROTECTION STATUS
| FEDERAL: C2 NRS: NONE
| NNNPS: W

FIRST OBSERVED: 1944 ELEVATION: 4600 COUNTY: NVLINC
LAST OBSERVED : 1985-05-21 PRECISION: SC

TOWNSHIP/RANGE: 002S068E QUADNAME: MOSEY MOUNTAIN
SECTION: 26 TOWNSHIP COMMENT: & SECTION 30

DIRECTIONS TO SITE:

ON THE "BIG HOGBACK", 2-3 MI S OF PANACA

GENERAL SITE DESCRIPTION:

WITH ARTEMISIA NOVA, FRAXINUS CUSPIDATA, EPHEDRA, COWANIA, ATRIPLEX
CANESCENS, BERBERIS, CHRYSOTHMNUM VISCIDIFLORUS. PANACA FORMATION, LACUSTRINE
SEDIMENTS.

SPECIES DATA:

SEVERAL 1000 INDIVIDUALS, ONLY ON PANACA SOILS. ALL STAGES OF REPRODUCTION
SUCCESSFUL.

INFO SOURCE: E.G. DELAMAR 400. NICHOLS, GARY. 1985. FIELD SITE SHEETS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS EURYLOBUS
PECK STATION MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1944 ELEVATION: 4800 COUNTY: NVLINC
LAST OBSERVED : 1984-06-07 PRECISION: SC

TOWNSHIP/RANGE: 003S068E QUADNAME: INDIAN COVE
SECTION: 18 TOWNSHIP COMMENT: SW4SW4 & NW4NE4 S19

DIRECTIONS TO SITE:
2.5 MI E OF PECK STATION

GENERAL SITE DESCRIPTION:

WITH JUNIPERUS, ARTEMISIA, CHRYSOTHAMNUS, STENOPHYLLUS, COWANIA, TETRADYMIA.
IN PANACA FORMATION-LACUSTRINE-ARKOSIC-RHYOLITIC SEDIMENT. CONFINED TO GULLIES
AND DRAWS.

SPECIES DATA:

1 PLANT DEAD, 20 SEEDLINGS. OTHERS OF LOW VIGOR. 20 PLANTS IN 800 SQ.MI.

INFO SOURCE: NICHOLS, GARY. 1984. FIELD SURVEY, CALIENTE RESOURCE AREA. MAY BE
THE SAME AS BARNEBY'S TYPE COLLECTION.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS EURYLOBUS
PECK STATION MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1982 ELEVATION: 4648 COUNTY: NVLINC
LAST OBSERVED : 1985-05-16 PRECISION: SC

TOWNSHIP/RANGE: 003S067E QUADNAME: INDIAN COVE
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

NEAR RD TO BEAVER DAM STATE PARK. IN MEADOW VALLEY WASH, CA. 2 MI NE OF
INDIAN COVE ON THE RAILROAD LINE, 2.7 MI N OF CALIENTE

GENERAL SITE DESCRIPTION:

WITH SAGEBRUSH AND SCATTERED PINYON-JUNIPER. REDDISH-TAN SANDSTONE.

SPECIES DATA:

INFO SOURCE: WILLIAMS 85-14-1 ET AL., 82-163-1. FIELD 1982., RENO HERBARIUM
#54777, 57789. NSM 2354 G, 3416 G.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS EURYLOBUS
PECK STATION MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1986 ELEVATION: 0 COUNTY: NVLINC
LAST OBSERVED : 1986-05-08 PRECISION: G

TOWNSHIP/RANGE: 004S068E QUADNAME: ECCLES
SECTION: 08 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
6 MI E OF CALIENTE

GENERAL SITE DESCRIPTION:
SOFT CLAY HILLS.

SPECIES DATA:
CALYX AND PETALS DULL PURPLISH.

INFO SOURCE: BARNEBY, R.C. COLLECTION #18110 HOUSED AT NSM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS FUNEREUS
FUNERAL MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1907 ELEVATION: 3900 COUNTY: NVNYEX
LAST OBSERVED : 1979-05-10 PRECISION: SC

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
E SLOPE OF 4457 HILL, W SCARP CANYON, HALFPINT RANGE

GENERAL SITE DESCRIPTION:
ATRIPLEX CONFERTIFOLIA, EPHEDRA, CHRYSOTHAMNUS TERETIFOLIUS. VOLCANIC TUFF
TALUS.

SPECIES DATA:
OVER 50 PLANTS NOTED.

INFO SOURCE: ACKERMAN, T. 1981. T/E SPECIES ON DESERT NWR.

OWNERSHIP/MGMT.: USAF/NELLIS

| ASTRAGALUS FUNEREUS
| FUNERAL MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1907 ELEVATION: 4000 COUNTY: NVNYEX
LAST OBSERVED : 1979-05-10 PRECISION: SC

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
RAYSONDE BUTTES, S END, S SLOPE

GENERAL SITE DESCRIPTION:
WITH ATRIPLEX CONFERTIFOLIA.

SPECIES DATA:
7 PLANTS.

INFO SOURCE: ACKERMAN, T. 1981. T/E SPECIES ON DESERT NWR.

OWNERSHIP/MGMT.: USFWS/DESERT NWR, USAF/NELLIS

| ASTRAGALUS FUNEREUS
| FUNERAL MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1972 ELEVATION: 4400 COUNTY: NVNYEX
LAST OBSERVED : 1978-04-05 PRECISION: SC

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
ON SW SIDE OF FRENCH PEAK, W AND S SLOPES. CANYONS ALSO

GENERAL SITE DESCRIPTION:
IN ATRIPLEX CONFERTIFOLIA WITH HECASTOCLEIS SHOCKLEYI. IN STEEP VOLCANIC TUFF
SCREE. ROCK CREVICES AND TALUS SLOPES, RAINIER FORMATION.

SPECIES DATA:
SMALL POPULATION. OCCASIONAL, SOME INSECT DAMAGE.

INFO SOURCE: COCHRANE 905 & RHOADS. COCHRANE, S. 1979. T/E SPECIES ON NTS.
BEATLEY 13323. RENO 31334. UNLV 25061, 11857.
OWNERSHIP/MGMT.: DOE/TEST SITE

ASTRAGALUS FUNEREUS
FUNERAL MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1978 ELEVATION: 5000 COUNTY: NVNYEX
LAST OBSERVED : 1978-03-19 PRECISION: S

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
S SLOPE FRENCH PEAK

GENERAL SITE DESCRIPTION:

ATRIPLEX, CHRYSOTHAMNUS, SALAZARIA VEGETATION, WITH PHACELIA BEATLEYAE,
CAMISSONIA MEGALANTHA. STEEP VOLCANIC TUFF SCREE, RAINIER MESA MEMBER OF TIMBER
MTN FORMATION.

SPECIES DATA:

OCCASIONAL.

INFO SOURCE: COCHRANE 826 AND HOLLAND. UNLV HERBARIUM #11821.

OWNERSHIP/MGMT.: DOE/TEST SITE

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1877 ELEVATION: 1960 COUNTY: NVCLAR
LAST OBSERVED : 1980-05-18 PRECISION: SC

TOWNSHIP/RANGE: 016S065E QUADNAME: UTE
SECTION: 33 TOWNSHIP COMMENT: UNSURVEYED, & S33

DIRECTIONS TO SITE:

4.8 KM E OF JUNCTION OF I-15 AND NEVADA STATE HWY 40, AT WELL IN CALIFORNIA WASH

GENERAL SITE DESCRIPTION:

WITH HYMENOCLEA, TRICARDIA, ALLIONIA. INFREQUENT IN SANDY SOILS.
LARREA-AMBROSIA.

SPECIES DATA:

APPROX 25 PLANTS OBSERVED.

INFO SOURCE: KNIGHT. 1981. VASCULAR FLORA OF THE MUDDY MTNS. UNPUB. M.S.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1877 ELEVATION: 2088 COUNTY: NVCLAR
LAST OBSERVED : 1941-05-08 PRECISION: S

TOWNSHIP/RANGE: 017S064E QUADNAME: DRY LAKE
SECTION: 15 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

5 MI SW OF CRYSTAL ON RD TO LAS VEGAS

GENERAL SITE DESCRIPTION:

ALONG OLD RAILROAD GRADE, IN CREOSOTE BUSH DESERT.

SPECIES DATA:

INFO SOURCE: BARNEBY. 1964. ATLAS OF NORTH AMERICAN ASTRAGALUS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1877 ELEVATION: 2000 COUNTY: NVCLAR
LAST OBSERVED : 1980- PRECISION: G

TOWNSHIP/RANGE: 017S065E QUADNAME: PIUTE POINT
SECTION: 10 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

5 MI E OF CRYSTAL, JUST N OF THE ABANDONED HIGHWAY

GENERAL SITE DESCRIPTION:

IN ISOLATED POCKET OF ACCUMULATED SAND. EASTERN EXPOSURE. WITH AMBROSIA,
ORYZOPSIS AND HILARIA RIGIDA.

SPECIES DATA:

INFO SOURCE: HOLLAND. 1980. T/E SPECIES ON LAKE MEAD NRA.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1877 ELEVATION: 1100 COUNTY: NVCLAR
LAST OBSERVED : 1877- PRECISION: G

TOWNSHIP/RANGE: 017S068E QUADNAME: OVERTON BEACH
SECTION: 13 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

CONFLUENCE OF MUDDY AND VIRGIN RIVERS. SITE DESTROYED BY FILLING OF LAKE MEAD

GENERAL SITE DESCRIPTION:

SPECIES DATA:

SITE DESTROYED BY FILLING OF LAKE MEAD.

INFO SOURCE: KNIGHT.

OWNERSHIP/MGMT.: NPS/LAKE MEAD, NDOW/OVER., BLM

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1877 ELEVATION: 1500 COUNTY: NVCLAR
LAST OBSERVED : 1979-04-14 PRECISION: SC

TOWNSHIP/RANGE: 014S069E QUADNAME: OVERTON NE
SECTION: 27 TOWNSHIP COMMENT: & SECTION 28

DIRECTIONS TO SITE:

4.7 MI SW OF RIVERSIDE BRIDGE, S SIDE OF VIRGIN RIVER, GOLD BUTTE RD

GENERAL SITE DESCRIPTION:

WITH KRAMERIA, AMPHIPAPPUS, LARREA, FRANSERIA, AMBROSIA, ORYZOPSIS. ON
DISTURBED SANDY SOIL AT ROAD EDGE. CONGLOMERATE ROCK.

SPECIES DATA:

PLANTS SCATTERED.

INFO SOURCE: WILLIAMS, 79-35-2, 79-35-1., HOLLAND. 1980. T/E OF LAKE MEAD NAT'L
RECREATION AREA., RENO HERBARIUM #59542 46642.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1877 ELEVATION: 2400 COUNTY: NVCLAR
LAST OBSERVED : 1979-04-14 PRECISION: G

TOWNSHIP/RANGE: 017S067E QUADNAME: ST THOMAS GAP
SECTION: 31 TOWNSHIP COMMENT: T17SR71E UNSURVEYED

DIRECTIONS TO SITE:

ST. THOMAS GAP IN SOUTHERN EXTENSION OF VIRGIN MTNS, 1 MI N OF RD TO GRAND
WASH BURG

GENERAL SITE DESCRIPTION:

WITH PENSTEMON THUBERI, DALEA NEOMEXICANA, ORYZOPSIS HYMENOIDES. IN DEEP RED
SANDS.

SPECIES DATA:

OCCASIONAL.

INFO SOURCE: HOLLAND. 1980. T/E SPECIES OF LAKE MEAD NRA.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1877 ELEVATION: 1500 COUNTY: NVCLAR
LAST OBSERVED : 1980- PRECISION: M

TOWNSHIP/RANGE: 013S070E QUADNAME: FLAT TOP MESA
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

2.4 MI E OF RIVERSIDE EXIT FROM I-15. IN TOQUOP WASH?

GENERAL SITE DESCRIPTION:

SANDY WASH SOILS.

SPECIES DATA:

LOCALLY COMMON.

INFO SOURCE: HOLLAND. 1980.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1877 ELEVATION: 1450 COUNTY: NVCLAR
LAST OBSERVED : 1979-04-14 PRECISION: SC

TOWNSHIP/RANGE: 014S069E QUADNAME: RIVERSIDE
SECTION: 12 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

0.3 MI SW OF RIVERSIDE BRIDGE, N SIDE OF VIRGIN RIVER, OFF NEVADA SR 170

GENERAL SITE DESCRIPTION:

GROWING WITH ERIOGONUM VISCIDULUM, ASTRAGALUS NYENSIS, A. NUTTALLIANUS VAR IMPERFECTUS. IN DISTURBED SANDY SOIL.

SPECIES DATA:

INFO SOURCE: TIEHM.

OWNERSHIP/MGMT.: PRIVATE/RIVERSIDE, BLM/LV

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1877 ELEVATION: 1450 COUNTY: NVCLAR
LAST OBSERVED : 1979-02-12 PRECISION: SC

TOWNSHIP/RANGE: 014S069E QUADNAME: OVERTON NE
SECTION: 28 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
7.6 KM DOWNSTREAM FROM RIVERSIDE BRIDGE

GENERAL SITE DESCRIPTION:
CREOSOTE BUSH DESERT. IN WASH.

SPECIES DATA:

INFO SOURCE: KNIGHT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE?

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1877 ELEVATION: 1400 COUNTY: NVCLAR
LAST OBSERVED : 1979-04-12 PRECISION: SC

TOWNSHIP/RANGE: 015S067E QUADNAME: OVERTON
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
1979: HALFWAY BETWEEN LOGANDALE AND OVERTON, ON WHIPPLE AVE, GO APPROX 0.8 MI
TOWARD SAND DUNES. 1980: 0.8 MI E OF STATE HWY 12 ON WHIPPLE AVE, LOGANDALE, IN
MOAPA RIVER VALLEY

GENERAL SITE DESCRIPTION:
WITH LARREA, AMBROSIA, ASTRAGLAUS SABULONUM. ON LEVEL LAND W/SANDY SOILS. IN
AREA OF BLOWING SAND.

SPECIES DATA:
IN FRUIT AND FLOWER BUT SCARCE.

INFO SOURCE: WILLIAMS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1979 ELEVATION: 1350 COUNTY: NVCLAR
LAST OBSERVED : 1980- PRECISION: SC

TOWNSHIP/RANGE: 015S068E QUADNAME: OVERTON SE
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

1980: 1 MI S OF BRANDLEWOOD GUN CLUB. 5 MI E OF OVERTON AIRPORT. ALONG LM NRA BOUNDARY IN VIRGIN VALLEY DRAINAGE. 1979: ON OVERTON AIRPORT RD, ACROSS MORMON MESA TOWARD VIRGIN R.

GENERAL SITE DESCRIPTION:

GROWING WITH LARREA, AMBROSIA, ERIOGONUM VISCIDULUM. 1980: ISOLATED AREA OF RED SAND. 1979: IN SANDY WASH, DISTURBED SOIL.

SPECIES DATA:

UNCOMMON.

INFO SOURCE: HOLLAND. 1980. T/E SPECIES OF LAKE MEAD NRA., WILLIAMS, 79-21., RENO HERBARIUM 46641.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1988 ELEVATION: 2165 COUNTY: NVCLAR
LAST OBSERVED : 1988- PRECISION: S

TOWNSHIP/RANGE: 017S065E QUADNAME: PIUTE POINT
SECTION: 21 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

VALLEY OF FIRE, 3.4 MI SSE OF I-15 ON RD TO VALLEY OF FIRE

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: LISTON, AARON. 1988. LETTER IN SPECIES FILE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1983 ELEVATION: 1400 COUNTY: NVCLAR
LAST OBSERVED : 1983-05-16 PRECISION: M

TOWNSHIP/RANGE: 015S067E QUADNAME: OVERTON
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

0.8 MI NORTH OF LOGANDALE ON SR 12, THEN 0.7 MI EAST, EAST OF SCHOOL

GENERAL SITE DESCRIPTION:

WITH LARREA, AMBROSIA. SANDY AREAS.

SPECIES DATA:

INFO SOURCE: TIEHM 7633.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1987 ELEVATION: 1850 COUNTY: NVCLAR
LAST OBSERVED : 1987-04-30 PRECISION: M

TOWNSHIP/RANGE: 014S067E QUADNAME: MOAPA EAST
SECTION: 20 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

7.2 KM N OF JUNCTION OF BARLOW AND LAWSON ROADS, W OF GLENDALE ALONG ACCESS ROAD.

GENERAL SITE DESCRIPTION:

SANDY SOILS. WITH AMBROSIA-LARREA, KRAMERIA, HILARIA RIGIDA, ASTRAGALUS SABULONUM, BAILEYA PAUCIRADIATA, CHAENACTIS FREMONTII, PALAFOXIA LINEARIS.

SPECIES DATA:

LESS THAN 10 INDIVIDUALS, IN FLOWER AND FRUIT.

INFO SOURCE: LEARY. 1987. SITE SHEETS IN SP. FILE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1985 ELEVATION: 1850 COUNTY: NVCLAR
LAST OBSERVED : 1987-04-24 PRECISION: S

TOWNSHIP/RANGE: 017S064E QUADNAME: DRY LAKE
SECTION: 17 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

N FROM US 93 ALONG INTERMOUNTAIN POWER PROJECT ACCESS ROAD TO TOWER 21-4,
SITE NW OF DRY LAKE RAILROAD SIDING. ALSO TOWER 21-7. 1985: 1.5 MI WEST OF
INTERSTATE 15.

GENERAL SITE DESCRIPTION:

RED, SANDY SOILS. CREOSOTE BUSH COMMUNITY WITH LARREA, AMBROSIA, HILARIA,
ERIOGONUM TRICHOPES, SCHISMUS BARBATUS, OENOTHERA DELTOIDES, BROMUS RUBENS.

SPECIES DATA:

LESS THAN 50 INDIVIDUALS, IN FLOWER AND FRUIT.

INFO SOURCE: LEARY. 1987. FIELD SITE SHEETS. THORNE 3812 AND ATWOOD. UNLV
HERBARIUM 22536.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1987 ELEVATION: 1850 COUNTY: NVCLAR
LAST OBSERVED : 1987-04-24 PRECISION: S

TOWNSHIP/RANGE: 017S064E QUADNAME: DRY LAKE
SECTION: 20 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

1 KM SW OF HOUSES AT DRY LAKE RAILROAD SIDING, N FROM US 93 ALONG
INTERMOUNTAIN POWER PROJECT ACCESS ROAD AT TOWER 20-5. ALSO TOWER 20-2.

GENERAL SITE DESCRIPTION:

SANDY SOIL, OCCASIONAL GRAVELS. CREOSOTE BUSH, ASTRAGALUS SABULONUM,
ORYZOPSIS HYMENOIDES, HILARIA RIGIDA, VULPIA OCTAFLORA, CRYPTANTHA CIRCUMCISSA.
AMBROSIA, LARREA, ERIASTRUM.

SPECIES DATA:

LESS THAN 10 INDIVIDUALS.

INFO SOURCE: LEARY. 1987. FIELD SITE SHEETS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1987 ELEVATION: 1850 COUNTY: NVCLAR
LAST OBSERVED : 1987-04-24 PRECISION: S

TOWNSHIP/RANGE: 017S064E QUADNAME: DRY LAKE
SECTION: 29 TOWNSHIP COMMENT: NW4

DIRECTIONS TO SITE:

N FROM US 93 (APPROX. 13 KM) ALONG INTERMOUNTAIN POWER PROJECT ACCESS ROAD TO TOWER 19-6.

GENERAL SITE DESCRIPTION:

FLAT TOPOGRAPHY, SANDY SOIL. CREOSOTE BUSH COMMUNITY WITH AMBROSIA, HILARIA, ORYZOPSIS, RAFINESQUIA NEOMEXICANA, ASTRAGALUS SABULONUM, ERIASTRUM EREMICUM.

SPECIES DATA:

LESS THAN 50 INDIVIDUALS, IN FLOWER AND FRUIT.

INFO SOURCE: LEARY. 1987. FIELD SITE SHEETS. LEARY 3800. UNLV HERBARIUM 24681.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1990 ELEVATION: 1650 COUNTY: NVCLAR
LAST OBSERVED : 1990-04-29 PRECISION: S

TOWNSHIP/RANGE: 014S067E QUADNAME: MOAPA EAST
SECTION: 30 TOWNSHIP COMMENT: SW4, & SECT 29 SE4

DIRECTIONS TO SITE:

APPROX. 3-4 AIR MI NE OF GLENDALE AND 200 FT NORTH OF POWER LINE (IPP).

GENERAL SITE DESCRIPTION:

CREOSOTE BUSH SCRUB, DEEP SANDS, SLIGHT SLOPE.

SPECIES DATA:

2 PLANTS IN SQUARE METER, IN FLOWER.

INFO SOURCE: JACK FISHER. 1990. SITE SHEET IN SPECIES FILE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1980 ELEVATION: 1860 COUNTY: NVCLAR
LAST OBSERVED : 1980-05-18 PRECISION: M

TOWNSHIP/RANGE: 016S064E QUADNAME: ARROW CANYON SE
SECTION: 33 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CALIFORNIA WASH, 3 MI EAST OF VALLEY OF FIRE ROAD, MUDDY MOUNTAINS.

GENERAL SITE DESCRIPTION:
SANDS WITH ASTRAGALUS SABULONUM, LARREA, AMBROSIA, AND ATRIPLEX.

SPECIES DATA:
UNCOMMON.

INFO SOURCE: SWEARINGEN 1477. UNLV HERBARIUM 16376.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, BI/MOAPA

ASTRAGALUS GEYERI VAR TRIQUETRUS
GEYER MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1987 ELEVATION: 1400 COUNTY: NVCLAR
LAST OBSERVED : 1987-04-21 PRECISION: M

TOWNSHIP/RANGE: 016S068E QUADNAME: OVERTON
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
0.6 MI NE OF OVERTON AIRPORT.

GENERAL SITE DESCRIPTION:
STABLE DUNES. WITH ASTRAGALUS SABULONUM, LARREA, AMBROSIA, EPHEDRA, OENOTHERA DELTOIDES.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM 24476.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS GILMANII
GILMAN MILK-VETCH

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: W

FIRST OBSERVED: 1985 ELEVATION: 5856 COUNTY: NVLINC
LAST OBSERVED : 1985-05-07 PRECISION: M

TOWNSHIP/RANGE: 006S055E QUADNAME: CATTLE SPRING
SECTION: 18 TOWNSHIP COMMENT: R55.5E, UNSURVEYED

DIRECTIONS TO SITE:

GROOM RANGE CA. 110 KM W OF CALIENTE, SE SIDE OF BASALT CONE JUST N OF CATTLE SPRING

GENERAL SITE DESCRIPTION:

IN SCATTERED PINYON-JUNIPER. OCCASIONAL ON TUFF.

SPECIES DATA:

OCASSIONAL.

INFO SOURCE: NACHLINGER AND MARR-SMITH. 1987. MADRONO. 34(4):382., RENO HERBARIUM #59943.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, USAF/NELLIS

ASTRAGALUS GILMANII
GILMAN MILK-VETCH

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: W

FIRST OBSERVED: 1985
LAST OBSERVED : 1985-

ELEVATION: 5300
PRECISION: M

COUNTY: NVLINC

TOWNSHIP/RANGE: 007S056E
SECTION: 02

QUADNAME: GROOM RANGE SW
TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GROOM RANGE

GENERAL SITE DESCRIPTION:
PINYON-JUNIPER.

SPECIES DATA:

INFO SOURCE: FEIS ON GROOM RANGE, NELLIS AFB 1985.

OWNERSHIP/MGMT.: USAF/NELLIS

ASTRAGALUS MOHAVENSIS VAR HEMIGYRUS
HALF-RING POD MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: E

FIRST OBSERVED: 1906
LAST OBSERVED : 1982-05-18

ELEVATION: 4900
PRECISION: SC

COUNTY: NVCLAR

TOWNSHIP/RANGE: 017S056E
SECTION: 07

QUADNAME: COLD CREEK, WILLOW PEAK
TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

FOOTHILLS OF CHARLESTON (SPRING) MTNS, CA. 7 MI DUE SSW OF INDIAN SPRINGS AND
DUE N OF COLD CREEK

GENERAL SITE DESCRIPTION:

IN LARREA YUCCA SCHIDIGERA COMMUNITY. ON LIMESTONE RIDGES.

SPECIES DATA:

INFO SOURCE: WELSH. 1982. STATUS REPORT.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS MOHAVENSIS VAR HEMIGYRUS
HALF-RING POD MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: E

FIRST OBSERVED: 1906 ELEVATION: 4100 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: U

TOWNSHIP/RANGE: U QUADNAME:
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CHARLESTON (SPRING) MTNS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: JONES. 1923. REV N. AMER. ASTRAGALUS., WELSH, S.L. 1982. RPT.

OWNERSHIP/MGMT.: USFS/TOIYABE

ASTRAGALUS MOHAVENSIS VAR HEMIGYRUS
HALF-RING POD MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: E

FIRST OBSERVED: 1906 ELEVATION: 3975 COUNTY: NVCLAR
LAST OBSERVED : 1939-04-18 PRECISION: G

TOWNSHIP/RANGE: 016S056E QUADNAME: INDIAN SPRINGS
SECTION: 28 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
S OF INDIAN SPRINGS

GENERAL SITE DESCRIPTION:
IN LARREA BELT. ON ROCK LEDGES.

SPECIES DATA:

INFO SOURCE: CLOKEY 8409. ANNOTATED BY TIEHM 8-85. CLOKEY. 1950. NOTES ON FLORA
OF CHARLESTON MTNS. IV. ASTRAGALUS. RENO 9655.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS MOHAVENSIS VAR HEMIGYRUS
HALF-RING POD MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: E

FIRST OBSERVED: 1988 ELEVATION: 3937 COUNTY: NVCLAR
LAST OBSERVED : 1988-04-18 PRECISION: S

TOWNSHIP/RANGE: 017S057E QUADNAME: CHARLESTON PEAK NE
SECTION: 08 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

SPRING MTNS, RD TO CORN CREEK, 3 RD MI W OF HWY 95 ON S SIDE OF RD, NE END OF RANGE

GENERAL SITE DESCRIPTION:

IN COLEOGYNE-YUCCA VEGETATION WITH SALVIA DORRII AND PENSTEMON PETIOLATUS. ON LIMESTONE RIDGES.

SPECIES DATA:

ONLY 2 PLANTS.

INFO SOURCE: KNIGHT. 1988. FIELD SITE SHEET IN SPECIES FILE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS MOHAVENSIS VAR HEMIGYRUS
HALF-RING POD MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: E

FIRST OBSERVED: 1985 ELEVATION: 3850 COUNTY: NVCLAR
LAST OBSERVED : 1985-05-02 PRECISION: MO

TOWNSHIP/RANGE: 017S056E QUADNAME: COLD CREEK
SECTION: 03 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

7 MI S OF INDIAN SPRINGS

GENERAL SITE DESCRIPTION:

DESERT SHRUB-JUNIPER. TALUS SLOPES, REDDISH ROCKS, SANDY SOIL.

SPECIES DATA:

INFO SOURCE: THORNE 3800 AND ATWOOD. RENO HERBARIUM #61789., UNLV HERBARIUM #22531.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS MOHAVENSIS VAR HEMIGYRUS
HALF-RING POD MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: E

FIRST OBSERVED: 1986 ELEVATION: 4200 COUNTY: NVCLAR
LAST OBSERVED : 1986-05-05 PRECISION: M

TOWNSHIP/RANGE: 016S056E QUADNAME: INDIAN SPRINGS
SECTION: 34 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
INDIAN RIDGE, S OF INDIAN SPRINGS BY CA 4 MI

GENERAL SITE DESCRIPTION:
LIMESTONE DRAW.

SPECIES DATA:

INFO SOURCE: ATWOOD 12151. UNLV HERBARIUM #23461.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS MOHAVENSIS VAR HEMIGYRUS
HALF-RING POD MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: E

FIRST OBSERVED: 1980 ELEVATION: 5000 COUNTY: NVCLAR
LAST OBSERVED : 1980-07-21 PRECISION: M

TOWNSHIP/RANGE: 017S056E QUADNAME: COLD CREEK
SECTION: 15 TOWNSHIP COMMENT: SE4

DIRECTIONS TO SITE:
INDIAN RIDGE, SE SLOPE

GENERAL SITE DESCRIPTION:
LIMESTONE RUBBLE.

SPECIES DATA:
RARE.

INFO SOURCE: FISHER TE61. UNLV HERBARIUM #23606.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS MOHAVENSIS VAR HEMIGYRUS
HALF-RING POD MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: E

FIRST OBSERVED: 1983 ELEVATION: 3400 COUNTY: NVCLAR
LAST OBSERVED : 1983-05-14 PRECISION: S

TOWNSHIP/RANGE: 018S058E QUADNAME: CORN CREEK SPRINGS NW
SECTION: 02 TOWNSHIP COMMENT: & SECTION 29

DIRECTIONS TO SITE:
MOUTH OF LUCKY STRIKE CYN, SPRING MTNS

GENERAL SITE DESCRIPTION:
WITH HYMENOCLEA, SALVIA DORRII, AND LARREA. GRAVELLY WASH.

SPECIES DATA:
INFREQUENT.

INFO SOURCE: LATHROP AND PETERSON 902 AND 922. UNLV HERBARIUM #19424 AND 19478.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS NYENSIS
NYE MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1979 ELEVATION: 1800 COUNTY: NVCLAR
LAST OBSERVED : 1979-04-14 PRECISION: SC

TOWNSHIP/RANGE: 013S070E QUADNAME: FLAT TOP MESA
SECTION: 29 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
2.4 - 2.5 MI E OF RIVERSIDE EXIT OFF I-15.

GENERAL SITE DESCRIPTION:
WITH ACACIA, ORYZOPSIS, PROSOPIS, HYMENOCLEA, AND OXYTROPIS. GRAVELLY, SANDY
AREA IN WASH.

SPECIES DATA:

INFO SOURCE: WILLIAMS, 79-39-8 TIEHM AND HOLLAND AT UNR HERBARIUM 59543. HOLLAND
ET AL. 2268. UNLV HERBARIUM 30691.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS NYENSIS
NYE MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1906 ELEVATION: 1400 COUNTY: NVCLAR
LAST OBSERVED : 1979-04-14 PRECISION: SC

TOWNSHIP/RANGE: 014S069E QUADNAME: OVERTON NE
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

CA. 4.7 MI SW OF RIVERSIDE BRIDGE, S SIDE OF VIRGIN RIVER ON GOLD BUTTE ROAD

GENERAL SITE DESCRIPTION:

GROWING WITH KRAMERIA, LARREA, AND FRANSERIA. DISTURBED SANDY SOIL AT EDGE OF ROAD.

SPECIES DATA:

SCARCE, HEAVILY INFESTED WITH APHIDS.

INFO SOURCE: WILLIAMS, M.J., J.S. HOLLAND, & A. TIEHM. 1979. FIELD SITE SHEET.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS NYENSIS
NYE MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1906 ELEVATION: 1100 COUNTY: NVCLAR
LAST OBSERVED : 1979-04-12 PRECISION: M

TOWNSHIP/RANGE: 015S068E QUADNAME: OVERTON SE
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

NEAR VIRGIN RIVER, DOWNSTREAM FROM SECTION 36

GENERAL SITE DESCRIPTION:

GROWING WITH ERIOGONUM VISCIDULUM, BAILEYA, LARREA. ON DEEP SAND FLATS NEAR RIVER.

SPECIES DATA:

INFO SOURCE: WILLIAMS, M.J., J.S. HOLLAND & A. TIEHM. 1979. FIELD SITE SHEET.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, NPS/LAKE MEAD

ASTRAGALUS NYENSIS
NYE MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1906 ELEVATION: 1400 COUNTY: NVCLAR
LAST OBSERVED : 1979-04-14 PRECISION: SC

TOWNSHIP/RANGE: 014S069E QUADNAME: RIVERSIDE
SECTION: 12 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
0.3 MI SW OF RIVERSIDE BRIDGE, N SIDE OF VIRGIN RIVER

GENERAL SITE DESCRIPTION:
GROWING WITH ERIOGONUM VISCIDULUM, ASTRAGALUS NYENSIS, A. NUTTALLIANUS
IMPERFECTUS. IN DISTURBED SANDY SOIL.

SPECIES DATA:

INFO SOURCE: WILLIAMS, M.J., J. HOLLAND & A. TIEHM. 1979. FIELD SITE SHEET.

OWNERSHIP/MGMT.: BLM/LV, PRIVATE/RIVERSIDE

ASTRAGALUS NYENSIS
NYE MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1906 ELEVATION: 0 COUNTY: NVCLAR
LAST OBSERVED : 1906-05 PRECISION: G

TOWNSHIP/RANGE: 016S056E QUADNAME: INDIAN SPRINGS
SECTION: 10 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
AT INDIAN SPRINGS, IN E FOOTHILLS OF CHARLESTON (SPRING) MOUNTAINS

GENERAL SITE DESCRIPTION:
OUTWASH AND FANS.

SPECIES DATA:

INFO SOURCE: COLLECTION OF M.E. JONES. BARNEBY, R.C. 1964. ATLAS OF ASTRAGALUS.
P.1040-3.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS NYENSIS
NYE MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1988 ELEVATION: 2040 COUNTY: NVCLAR
LAST OBSERVED : 1988- PRECISION: S

TOWNSHIP/RANGE: 017S064E QUADNAME: DRY LAKE
SECTION: 21 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
6.0 RD MI NE OF HWY 93 ON FRONTAGE RD NEAR DRY LAKE

GENERAL SITE DESCRIPTION:
SANDY SOIL.

SPECIES DATA:
2 PLANTS FOUND.

INFO SOURCE: BASED ON TIEHM 7628. LISTON, A. 1988. LETTER IN SPECIES FILE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS NYENSIS
NYE MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1978 ELEVATION: 3200 COUNTY: NVNYEX
LAST OBSERVED : 1978-05-09 PRECISION: MO

TOWNSHIP/RANGE: 016S056E QUADNAME: INDIAN SPRINGS
SECTION: 22 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
0.5 - 0.6 MI SE OF GRAVEL PIT RD ON W SIDE OF OLD INDIAN SPRINGS RD

GENERAL SITE DESCRIPTION:
WITH LYCIUM, KRAMERIA, POLYGALA, COLEOBYNE, LARREA, GRAYIA, AMBROSIA.
COMPACTED CALCAREOUS ALLUVIUM. DESERT PAVEMENT AND WASHES.

SPECIES DATA:
RARE. LESS THAN 20 PLANTS.

INFO SOURCE: COCHRAN 986 AND HOLLAND 1910. COCHRANE 1085 AND TIMBROOK. NY
HERBARIUM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS NYENSIS
NYE MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1987 ELEVATION: 1970 COUNTY: NVCLAR
LAST OBSERVED : 1987-04-30 PRECISION: M

TOWNSHIP/RANGE: 014S067E QUADNAME: MOAPA EAST
SECTION: 20 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

5.3 KM N OF SR 7 ALONG PECOS-HARRISBURG POWERLINE RD, NEAR WEISER WASH

GENERAL SITE DESCRIPTION:

WITH ASTRAGALUS SABULONUM, PLANTAGO, LARREA, HILARIA. SANDY SOIL, GENTLE SW SLOPE.

SPECIES DATA:

FEW INDIVIDUALS.

INFO SOURCE: LEARY 3808. UNLV HERBARIUM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS NYENSIS
NYE MILK-VETCH

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1980 ELEVATION: 3720 COUNTY: NVCLAR
LAST OBSERVED : 1980-04-21 PRECISION: M

TOWNSHIP/RANGE: 024S058E QUADNAME: GOODSPRINGS
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

GOODSPRINGS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

WHITE FLOWERS.

INFO SOURCE: PINZL 2702. NY HERBARIUM. NSM 7747.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE?

ASTRAGALUS OOPHORUS VAR CLOKEYANUS
CLOKEY'S MILK-VETCH

PROTECTION STATUS
FEDERAL: C1 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1937 ELEVATION: 6800 COUNTY: NVCLAR
LAST OBSERVED : 1970-06-01 PRECISION: SC

TOWNSHIP/RANGE: 018S055E QUADNAME: WHEELER WELL
SECTION: 28 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

ABOVE WHEELER WELL ON RD TO WHEELER PASS, SW SLOPE OF SPRING MOUNTAINS, IN PAHRUMP DRAINAGE

GENERAL SITE DESCRIPTION:

ARTEMISIA-PINYON-JUNIPER VEGETATION. TOP OF ROAD BANK.

SPECIES DATA:

ONE PLANT.

INFO SOURCE: BEATLEY.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS OOPHORUS VAR LONCHOCALYX
LONG CALYX MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1980 ELEVATION: 6000 COUNTY: NVLINC
LAST OBSERVED : 1980-05-25 PRECISION: SC

TOWNSHIP/RANGE: 005S066E QUADNAME: SLIDY MOUNTAIN
SECTION: 25 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

1.8 MI FROM DELAMAR RD GOING E TOWARD FINLAY, DELAMAR MTNS, S OF HWY 93.

GENERAL SITE DESCRIPTION:

WITH SAGEBRUSH, PINYON AND JUNIPER. HILLSIDES.

SPECIES DATA:

INFO SOURCE: WILLIAMS, 80-42-01 TIEHM AT UNR HERBARIUM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

| ASTRAGALUS OOPHORUS VAR LONCHOCALYX
| LONG CALYX MILK-VETCH

| PROTECTION STATUS
| FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1983 ELEVATION: 6000 COUNTY: NVLINC
LAST OBSERVED : 1989-05-09 PRECISION: SC

TOWNSHIP/RANGE: 005S067E QUADNAME: ECCLES
SECTION: 14 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

CLOVER MTNS, 9 RD MI S OF CALIENTE ON ELLA MTN RD, NEAR CABIN PINES
CAMPGROUND.

GENERAL SITE DESCRIPTION:

GROWING WITH PINUS. GRAVEL WASH.

SPECIES DATA:

INFO SOURCE: PINZL 8629. TIEHM, 7976 AND WILLIAMS AT UNR HERBARIUM., PINZL, A.
1989., NEVADA STATE MUSEUM HERBARIUM.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

| ASTRAGALUS OOPHORUS VAR LONCHOCALYX
| LONG CALYX MILK-VETCH

| PROTECTION STATUS
| FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1939 ELEVATION: 6600 COUNTY: NVLINC
LAST OBSERVED : 1939-04-24 PRECISION: SC

TOWNSHIP/RANGE: 001N071E QUADNAME: DEER LODGE CANYON
SECTION: 31 TOWNSHIP COMMENT: NE4

DIRECTIONS TO SITE:

3 MI E OF DEER LODGE, AT FAY

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BARNEBY, R.C. 1954. LEAFLETS OF WESTERN BOT. 7(8):194.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS PHOENIX
ASH MEADOWS MILK-VETCH

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1898 ELEVATION: 2300 COUNTY: NVNYEX
LAST OBSERVED : 1971-04-27 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

ON ROLLING HILLS SE OF ROGERS SPRING. 1986: FOUND ON ROAD BETWEEN ROGERS AND PURGATORY, MORE WIDESPREAD

GENERAL SITE DESCRIPTION:

IN ATRIPLEX CONFERTIFOLIA VEGETATION WITH ENCELIOPSIS, MENTZELIA LEUCOPHYLLA, SUAEDA, KRAMERIA, PSOROTHAMNUS. IN HEAVY ALKALINE CLAYS, MORE FREQUENT ON UPPER SLOPES, LESS ON SWALES.

SPECIES DATA:

LOCALLY COMMON. 1986 - PLANTS DORMANT, WITH SOME SEEDS, SEVERAL HUNDRED INDIVIDUALS.

INFO SOURCE: BEATLEY 12279 AND REVEAL. RENO HERBARIUM #31575. UNLV HERBARIUM 5032.

OWNERSHIP/MGMT.: USFWS/DESERT NWR, BLM/LAS VEGAS

ASTRAGALUS PHOENIX
ASH MEADOWS MILK-VETCH

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1898 ELEVATION: 2350 COUNTY: NVNYEX
LAST OBSERVED : 1986-07-30 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 23 TOWNSHIP COMMENT: SW4SE4

DIRECTIONS TO SITE:

ON BLUFFS ON S SIDE OF RAVINE AT SHAFT SPRING. IN THE 'GAP' FORMED BY THE UNNAMED HILLS NW OF DEVIL'S HOLE. N ASH MEADOWS

GENERAL SITE DESCRIPTION:

WITH ATRIPLEX, FRAXINUS, PROSOPIS, CENTAURIUM, CRYPTANTHA. ON CHALKY, ALKALI CLAYS MAKING UP BLUFF AND RIDGES. UNSTABLE SUBSTRATE, SOME CAVE-INS DUE TO UNDERCUTTING OF SEEPS.

SPECIES DATA:

CA. 20 PLANTS, DORMANT BUT VERY HEALTHY.

INFO SOURCE: KNIGHT. FIELD NOTES 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

| ASTRAGALUS REMOTUS
| SPRING MOUNTAIN MILK-VETCH

| PROTECTION STATUS
| FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1905 ELEVATION: 3600 COUNTY: NVCLAR
LAST OBSERVED : 1905-05-01 PRECISION: G

TOWNSHIP/RANGE: 024S058E QUADNAME: GOODSPRINGS
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

AT GOODSPRINGS ON THE WESTERN EDGE OF NV, NEAR CALIFORNIA LINE. 1941:
EXCELSIOR CANYON 4035'

GENERAL SITE DESCRIPTION:

WITH PINUS PONDEROSA. ON ROCKY HILLSIDES AND CANYON BANKS IN DRY, GRAVELLY
SOILS.

SPECIES DATA:

COLLECTION OF M.E. JONES. 1941 CLOKEY #8713.

INFO SOURCE: BARNEBY. 1964. ATLAS OF N. AMERICAN ASTRAGALUS., CLOKEY. 1941. UNLV
HERBARIUM #8713.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE?

| ASTRAGALUS REMOTUS
| SPRING MOUNTAIN MILK-VETCH

| PROTECTION STATUS
| FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1905 ELEVATION: 4400 COUNTY: NVCLAR
LAST OBSERVED : 1980-04-23 PRECISION: SC

TOWNSHIP/RANGE: 022S058E QUADNAME: GOODSPRINGS
SECTION: 35 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

IN WASH 1 MI S OF HWY TO PAHRUMP ON GOODSPRINGS DIRT RD

GENERAL SITE DESCRIPTION:

IN WASH. IN YUCCA-COLEOGYNE.

SPECIES DATA:

INFO SOURCE: FISHER TE7. FISHER, JACK. 1980. FIELD SITE SHEET. NSM 2166 G. UNLV
HERBARIUM 14564.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ASTRAGALUS REMOTUS
SPRING MOUNTAIN MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1905 ELEVATION: 4450 COUNTY: NVCLAR
LAST OBSERVED : 1941-05-13 PRECISION: G

TOWNSHIP/RANGE: 020S057E QUADNAME: LA MADRE SPRING
SECTION: U TOWNSHIP COMMENT: SECTION UNSURVEYED

DIRECTIONS TO SITE:

ROCKY GAP SPRING, SPRING MTNS, [= WILLOW SPRING?], SE OF CHARLESTON PEAK,
BTWN RED ROCKS AND ROBERT'S RANCH

GENERAL SITE DESCRIPTION:

WITH QUERCUS AND RHAMNUS. AMONG ROCKS.

SPECIES DATA:

INFO SOURCE: CLOKEY 8714. CLOKEY. 1941. UNLV HERBARIUM., RENO HERBARIUM #6274.

OWNERSHIP/MGMT.: BLM/LAS VEGAS,USFS/TOIYABE

ASTRAGALUS REMOTUS
SPRING MOUNTAIN MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1939 ELEVATION: 3380 COUNTY: NVCLAR
LAST OBSERVED : 1939-04-20 PRECISION: S

TOWNSHIP/RANGE: 022S059E QUADNAME: BLUE DIAMOND
SECTION: 07 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

COTTONWOOD SPRING, SPRING MTNS

GENERAL SITE DESCRIPTION:

IN LARREA. SANDY.

SPECIES DATA:

INFO SOURCE: CLOKEY 8407. RENO HERBARIUM #6737.

OWNERSHIP/MGMT.: BLM/LV,PRIVATE/BLUE DIAMOND

ASTRAGALUS REMOTUS
SPRING MOUNTAIN MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1986 ELEVATION: 5080 COUNTY: NVCLAR
LAST OBSERVED : 1986-04-15 PRECISION: S

TOWNSHIP/RANGE: 022S058E QUADNAME: GOODSPRINGS
SECTION: 34 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

SPRING MOUNTAINS, 3.7 MI SE OF MOUNTAIN SPRING, NEAR CAMP POTOSI ROAD
TURNOFF, E SIDE OF SANDSTONE BLUFFS.

GENERAL SITE DESCRIPTION:

SANDY WASH WITH PINYON, JUNIPER, AND YUCCA.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM 25543. ATWOOD AND THORNE 11874.

OWNERSHIP/MGMT.: BLM/RED ROCK CYN RL, LAS VEGAS

ASTRAGALUS REMOTUS
SPRING MOUNTAIN MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1968 ELEVATION: 4800 COUNTY: NVCLAR
LAST OBSERVED : 1973-05-09 PRECISION: G

TOWNSHIP/RANGE: 021S058E QUADNAME: BLUE DIAMOND
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

SPRING MOUNTAINS, RED ROCK CANYON RL. 1973: EIGHT MILES ALONG SCENIC ROUTE.

GENERAL SITE DESCRIPTION:

ON SANDSTONE LEDGES IN PINYON-JUNIPER-BLACKBRUSH. ROCKY AREAS.

SPECIES DATA:

OCCASIONAL.

INFO SOURCE: BOSTICK 3461. UNLV HERBARIUM 2897, 24545. MEINKE 159.

OWNERSHIP/MGMT.: BLM/RED ROCK CYN RL, LAS VEGAS

ASTRAGALUS REMOTUS
SPRING MOUNTAIN MILK-VETCH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1970 ELEVATION: 4200 COUNTY: NVCLAR
LAST OBSERVED : 1970-05-03 PRECISION: M

TOWNSHIP/RANGE: 021S058E QUADNAME: BLUE DIAMOND
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SPRING MOUNTAINS, RED ROCK CANYON RL, CENTRAL PINE CREEK.

GENERAL SITE DESCRIPTION:
COARSE SANDY SOILS.

SPECIES DATA:

INFO SOURCE: KENNEDY S.N. UNLV HERBARIUM 3754.

OWNERSHIP/MGMT.: BLM/RED ROCK CYN RL, PINE CR ON

CAMISSONIA MEGALANTHA
INTERMOUNTAIN EVENING-PRIMROSE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1938 ELEVATION: 4100 COUNTY: NVNYEX
LAST OBSERVED : 1966-09-27 PRECISION: SC

TOWNSHIP/RANGE: 013S053E QUADNAME: CANE SPRING
SECTION: U TOWNSHIP COMMENT: UNSURVEYED AREA

DIRECTIONS TO SITE:
CANES SPRINGS, ABOVE AND BELOW SEEPAGE, N FACE SKULL MOUNTAIN. 50 MI SE OF
BEATTY, NEAR WAHMOMIE FLAT. W FRENCHMAN DRAINAGE

GENERAL SITE DESCRIPTION:
WITH ATRIPLEX CANESCENS, LARREA-FRANSERIA. VOLCANIC, ALKALI SOILS. LOCAL
THROUGHOUT SEEPAGE, STEEP SLOPE, SILT LOAM.

SPECIES DATA:

FLOWERS FROM JUNE TO OCTOBER. GERMINATES IN LATE SPRING. VISITED BY
POLYLECTIC BEES AT SUNRISE. ABUNDANT IN 1969, 250-300 PLANTS IN 1971, 2-3000 IN
1965, 200 IN 1966.

INFO SOURCE: BEATLEY. 1977. T/E SPECIES OF NTS AND ASH MEADOWS. UNLV 6, 47. RENO
20213, 22498, 24991. TRAIN 2358. DET BY RAVEN.
OWNERSHIP/MGMT.: DOE/TEST SITE

CAMISSONIA MEGALANTHA
INTERMOUNTAIN EVENING-PRIMROSE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1938 ELEVATION: 4200 COUNTY: NVNYEX
LAST OBSERVED : 1968-05-07 PRECISION: M

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT: NTS LAND UNSURVEYED

DIRECTIONS TO SITE:

SW AND S OF FRENCH PEAK (MASSACHUSETTS MTN), FRENCHMAN FLAT. NE OF PUDDLE PEAK

GENERAL SITE DESCRIPTION:

IN ATRIPLEX CONFERTIFOLIA. TUFF PARENT MATERIAL.

SPECIES DATA:

RATHER COMMON. CA. 26 PLANTS SEEN IN SEPT. 1968. COMMON IN 1969.

INFO SOURCE: BEATLEY. 1977. REPORT ON T/E SPECIES OF NTS AND ASH MEADOWS.

OWNERSHIP/MGMT.: DOE/TEST SITE

CAMISSONIA MEGALANTHA
INTERMOUNTAIN EVENING-PRIMROSE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1938 ELEVATION: 4000 COUNTY: NVNYEX
LAST OBSERVED : 1979-09-23 PRECISION: SC

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT: NTS LAND UNSURVEYED

DIRECTIONS TO SITE:

ON VOLCANIC HILL, BM=4201, ON S SLOPE, W SIDE OF SCARP CANYON, HALFPINT RANGE, DESERT NWR

GENERAL SITE DESCRIPTION:

IN ATRIPLEX CONFERTIFOLIA. ON VOLCANIC SOILS.

SPECIES DATA:

INFO SOURCE: ACKERMAN. 1983. T/E SPECIES OF DNWR.

OWNERSHIP/MGMT.: USAF/NELLIS

CAMISSONIA MEGALANTHA
INTERMOUNTAIN EVENING-PRIMROSE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1938 ELEVATION: 4300 COUNTY: NVNYEX
LAST OBSERVED : 1979-09-23 PRECISION: M

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT: NTS LAND UNSURVEYED

DIRECTIONS TO SITE:
RAYSONDE BUTTES, S SLOPE ON VOLCANIC TUFFS

GENERAL SITE DESCRIPTION:
IN ATRIPLEX CONFERTIFOLIA.

SPECIES DATA:

INFO SOURCE: ACKERMAN. 1983. T/E REPORT ON DNWR.

OWNERSHIP/MGMT.: USFWS/DESERT NWR,USAF/NELLIS

CAMISSONIA MEGALANTHA
INTERMOUNTAIN EVENING-PRIMROSE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1938 ELEVATION: 4600 COUNTY: NVLINC
LAST OBSERVED : 1979-10-07 PRECISION: SC

TOWNSHIP/RANGE: 011S055E QUADNAME: AYSEES PEAK
SECTION: U TOWNSHIP COMMENT: NTS LAND UNSURVEYED

DIRECTIONS TO SITE:
HALFPINT RANGE. N END OF NYE CANYON ON W SIDE AT SE BASE OF SMALL VOLCANIC CLIFFS

GENERAL SITE DESCRIPTION:
IN ATRIPLEX CONFERTIFOLIA. IN VOLCANIC DERIVED SAND.

SPECIES DATA:

INFO SOURCE: ACKERMAN. 1983. REPORT ON T/E SPECIES ON DNWR.

OWNERSHIP/MGMT.: USFWS/DESERT NWR,USAF/NELLIS

CAMISSONIA MEGALANTHA
INTERMOUNTAIN EVENING-PRIMROSE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1978 ELEVATION: 5000 COUNTY: NVNYEX
LAST OBSERVED : 1978-03-19 PRECISION: S

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
S SLOPE OF FRENCH PEAK

GENERAL SITE DESCRIPTION:

ATRIPLEX-CHRYSOTHAMNUS-SALAZARIA, WITH ASTRAGALUS FUNEREUS, PHACELIA
BEATLEYAE. STEEP VOLCANIC TUFF SCREE, RAINIER MESA MEMBER OF TIMBER MTN
FORMATION.

SPECIES DATA:
OCCASIONAL.

INFO SOURCE: COCHRANE. UNLV HERBARIUM #11821.

OWNERSHIP/MGMT.: DOE/TEST SITE

CAMISSONIA MEGALANTHA
INTERMOUNTAIN EVENING-PRIMROSE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1969 ELEVATION: 4000 COUNTY: NVNYEX
LAST OBSERVED : 1969-09-21 PRECISION: M

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
FRENCH PEAK MOUNTAIN.

GENERAL SITE DESCRIPTION:
WITH ATRIPLEX HYMENELYTRA.

SPECIES DATA:

INFO SOURCE: BEATLEY 12851, ANNOTATED BY FISHER A72. UNLV 4938.

OWNERSHIP/MGMT.: DOE/NEVADA TEST SITE

CAMISSONIA MEGALANTHA
INTERMOUNTAIN EVENING-PRIMROSE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1969 ELEVATION: 4400 COUNTY: NVNYEX
LAST OBSERVED : 1969-10-21 PRECISION: S

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

CANYONS BELOW FRENCH PEAK RD, SW OF PEAK. NEAR EXPLOSIVES DUMP AT END OF
FRENCH PEAK RD, SW OF FRENCH PEAK

GENERAL SITE DESCRIPTION:

TALUS TUFF.

SPECIES DATA:

COMMON.

INFO SOURCE: BEATLEY 9702, 12851. DET BY J. FISHER 1972. HERBARIUM LOG SHEET,
UNLV #3320., RENO HERBARIUM 24683, 31120.
OWNERSHIP/MGMT.: DOE/TEST SITE

CAMISSONIA MEGALANTHA
INTERMOUNTAIN EVENING-PRIMROSE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1978 ELEVATION: 3380 COUNTY: NVNYEX
LAST OBSERVED : 1978-09-26 PRECISION: S

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

1 MI S OF S TIP OF RIDGE FROM FRENCH PEAK NEAR U11C, N FRENCHMAN FLAT

GENERAL SITE DESCRIPTION:

ATRIPLEX CONFERTIFOLIA. DISTURBED AREA NEAR ROADS AND OLD TEST AREAS.

SPECIES DATA:

SMALL POPULATION. PLANTS UP TO 2 M TALL.

INFO SOURCE: COCHRANE 1416. HERBARIUM LOG SHEET, UNLV #16850.

OWNERSHIP/MGMT.: DOE/TEST SITE

CASTILLEJA MARTINII VAR CLOKEYI
CLOKEY'S PAINTBRUSH

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: NONE

FIRST OBSERVED: 1960 ELEVATION: 6000 COUNTY: NVCLAR
LAST OBSERVED : 1960-06-15 PRECISION: M

TOWNSHIP/RANGE: 021S058E QUADNAME: MOUNTAIN SPRINGS
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

SPRING MTNS, NE FACING SLOPES OF LEFT FORK OF N FORK OF PINE CREEK, AT
"CATHEDRAL"

GENERAL SITE DESCRIPTION:

WITH RHAMNUS BETULAEFOLIA AND POLYSTICHUM.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM #3668.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CASTILLEJA MARTINII VAR CLOKEYI
CLOKEY'S PAINTBRUSH

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: NONE

FIRST OBSERVED: 1970 ELEVATION: 4800 COUNTY: NVNYEX
LAST OBSERVED : 1970-05-25 PRECISION: G

TOWNSHIP/RANGE: 012S050E QUADNAME: TOPOPAH SPRING
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

TOPOPAH DRAINAGE BASIN, S SIDE OF SHOSHONE MTN, TOPOPAH RD, AT SADDLE

GENERAL SITE DESCRIPTION:

WITH ARTEMISIA NOVA, PINYON-JUNIPER.

SPECIES DATA:

SCATTERED.

INFO SOURCE: BEATLEY 10693. UNLV HERBARIUM #4112.

OWNERSHIP/MGMT.: DOE/TEST SITE

CASTILLEJA MARTINII VAR CLOKEYI
CLOKEY'S PAINTBRUSH

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: NONE

FIRST OBSERVED: 1986 ELEVATION: 6200 COUNTY: NVNYEX
LAST OBSERVED : 1986-06-08 PRECISION: G

TOWNSHIP/RANGE: 008S052E QUADNAME: RAINIER MESA
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
RAINIER MESA RD, 2 MI FROM PAHUTE CP

GENERAL SITE DESCRIPTION:
ARTEMISIA-PINYON-JUNIPER. RED VOLCANIC SOIL.

SPECIES DATA:

INFO SOURCE: REVEAL 1190. HOLMGREN, N. 1971. MEMOIRS NYBG. 21(4):52-60.

OWNERSHIP/MGMT.: DOE/TEST SITE

CASTILLEJA MARTINII VAR CLOKEYI
CLOKEY'S PAINTBRUSH

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: NONE

FIRST OBSERVED: 1968 ELEVATION: 6200 COUNTY: NVNYEX
LAST OBSERVED : 1968-06-29 PRECISION: G

TOWNSHIP/RANGE: 008S051E QUADNAME: DEAD HORSE FLAT
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
N PAHUTE MESA, SLOPE B/W COLUMBINE CANYON (= SOUTH SILENT CANYON) AND PAHUTE
MESA RD, NEAR TURN-OFF TO RD 19-03.

GENERAL SITE DESCRIPTION:

SPECIES DATA:
DOZEN PLANTS.

INFO SOURCE: BEATLEY 6103. HOLMGREN, N. 1971. MEMOIRS NYBG. 21(4):55.

OWNERSHIP/MGMT.: DOE/TEST SITE, USAF/NELLIS

CASTILLEJA MARTINII VAR CLOKEYI
CLOKEY'S PAINTBRUSH

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: NONE

FIRST OBSERVED: 1968 ELEVATION: 7000 COUNTY: NVNYEX
LAST OBSERVED : 1968-06-16 PRECISION: S

TOWNSHIP/RANGE: 008S052E QUADNAME: RAINIER MESA
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
KAWICH VALLEY RD, 1 MI FROM RAINIER MESA RD

GENERAL SITE DESCRIPTION:
ARTEMISIA-PINYON-JUNIPER.

SPECIES DATA:
INFREQUENT.

INFO SOURCE: REVEAL 1300. HOLMGREN, N. 1971. MEMOIRS NYBG. 21(4):52-60.

OWNERSHIP/MGMT.: DOE/TEST SITE

CENTAURIUM NAMOPHILUM
SPRING-LOVING CENTAURY

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1978 ELEVATION: 2100 COUNTY: NVNYEX
LAST OBSERVED : 1986-07-31 PRECISION: SC

TOWNSHIP/RANGE: 018S050E QUADNAME: ASH MEADOWS
SECTION: 07 TOWNSHIP COMMENT: TO SECTION 9

DIRECTIONS TO SITE:
W OF HORSESHOE RESERVOIR AND LINEAR SAND DUNES BY CA. 2 MILES, IN W SECTION 9
TO EAST EDGE OF SEC. 7, SE OF CLAY CAMP (ABC MINE) BY CA. 1 MI. W ASH MEADOWS

GENERAL SITE DESCRIPTION:
WITH TAMARIX SEEDLINGS, CIRSIUM, JUNCUS, DISTICHILIS, GRINDELIA,
MUHLENBERGIA, CORDYLANTHUS, NITROPHILA. ON ALKALINE MOIST SOILS WITH HEAVY
MINERAL CRUST AND THICK HERBACEOUS MAT.
SPECIES DATA:

INFO SOURCE: KNIGHT. FIELD TRIP 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: BLM/LAS VEGAS,USFWS/DESERT NWR

CENTAURIUM NAMOPHILUM
SPRING-LOVING CENTAURY

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1978 ELEVATION: 2280 COUNTY: NVNYEX
LAST OBSERVED : 1986-07-31 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 14 TOWNSHIP COMMENT: NE4SW4

DIRECTIONS TO SITE:

AT PURGATORY SPRING (UNMAPPED) SE OF ROGERS SPRING BY CA 0.8 MI, N ASH MEADOWS

GENERAL SITE DESCRIPTION:

WITH TAMARIX, IVA, VITIS, BACCHARIS, TYPHA, JUNCUS, CYPERUS, CIRSIUM, PTOSOPIS, CLADIUM, ELEOCHARIS, CASTILLEJA, GUTIERREZIA, ATRIPLEXPHORADENDRON. IN MOIST SOILS ALONG SPRING OUTFLOW.

SPECIES DATA:

INFO SOURCE: KNIGHT. FIELD TRIP 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CENTAURIUM NAMOPHILUM
SPRING-LOVING CENTAURY

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1978 ELEVATION: 2200 COUNTY: NVNYEX
LAST OBSERVED : 1986-08-02 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 20 TOWNSHIP COMMENT: ALL OF CENTER

DIRECTIONS TO SITE:

IN SLOUGH W AND SW OF JAP RANCH, N ASH MEADOWS. IN OUTFLOW OF ROGER AND LONGSTREET SPRINGS THAT APPEARS TO BE REDIRECTED BY USFWS

GENERAL SITE DESCRIPTION:

GLOSSY IBIS, CRAYFISH, PUPFISH IN STREAM. TAMARIX, PROSOPIS (DEAD FROM FLOODING), SCIRPUS, TYPHA, JUNCUS, SOLIDAGO. IN SLOUGH AND ASSOCIATED OUTFLOW FROM SPRINGS ON MOIST ALKALI SOIL

SPECIES DATA:

PLANTS IN BLOOM, IN 100'S.

INFO SOURCE: KNIGHT. FIELD NOTES 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, USFWS/DESERT NWR

CENTAURIUM NAMOPHILUM
SPRING-LOVING CENTAURY

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1978 ELEVATION: 2300 COUNTY: NVNYEX
LAST OBSERVED : 1986-07-30 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 23 TOWNSHIP COMMENT: SW4SE4

DIRECTIONS TO SITE:

AT CHALK SPRINGS (UNMAPPED) BETWEEN THE GAP IN THE UNNAMED HILLS EXTENDING NW FROM DEVILS HOLE. N ASH MEADOWS

GENERAL SITE DESCRIPTION:

WITH FRAXINUS, PROSOPIS, IVA, DISTICHILIS, CIRSIUM, VITIS, PSOROTHAMNUS, JUNCUS, CLADIUM, ASCLEPIAS, ANEMOPSIS, BERULA. ON MOIST, ALKALINE CLAYS OF SEEPY AREAS AND SPRING OUTFLOWS.

SPECIES DATA:

VERY HEALTHY POPULATION. IN FLOWER, SEVERAL 100 PLANTS.

INFO SOURCE: KNIGHT. FIELD NOTES 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CENTAURIUM NAMOPHILUM
SPRING-LOVING CENTAURY

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1978 ELEVATION: 2240 COUNTY: NVNYEX
LAST OBSERVED : 1986-08-01 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 21 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

E OF RD IN ALKALI BLUFFS CA. 2-2.5 MI N OF SPRING MEADOWS HEADQUARTERS (SHEDS). E OF CULTIVATED FIELDS AND N OF ROOKER RANCH. N ASH MEADOWS

GENERAL SITE DESCRIPTION:

WITH PROSOPIS, TAMARIX, ATRIPLEX, ASTRAGALUS PHOENIX, CIRSIUM, IVA, IVESIA EREMICA, TYPHA, ENCELIOPSIS NUDICAULIS, GRINDELIA, CLEOMELLA. ON ALKALI CLAY BLUFFS WITH MOIST SOILS.

SPECIES DATA:

50-100 PLANTS IN FLOWER.

INFO SOURCE: KNIGHT. FIELD NOTES 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: ROOKER RANCH,USFWS/ASH M.

CORDYLANTHUS TECOPENSIIS
TECOPA BIRD'S-BEAK

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1888 ELEVATION: 2100 COUNTY: NVNYEX
LAST OBSERVED : 1986-07-31 PRECISION: SC

TOWNSHIP/RANGE: 018S050E QUADNAME: ASH MEADOWS
SECTION: 09 TOWNSHIP COMMENT: TO SECTION 7

DIRECTIONS TO SITE:

SW OF HORSESHOE RESERVOIR AND LINEAR SAND DUNES, CA. 2 MILES W INTO E SIDE OF
CARSON SLOUGH, SECTION 7, AND SE OF CLAY CAMP (ABC MINE) BY CA. 1 MILE

GENERAL SITE DESCRIPTION:

WITH TAMARIX, NITROPHILA IN VIEW. GRINDELIA, DISTICHILIS, CIRSIUM, CENTAURIUM,
JUNCUS, MUHLENBERGIA, IN ALKALINE SINK AND W SLOUGH ON HEAVY MOIST CLAY SOILS
WITH MINERAL LADEN CRUST

SPECIES DATA:

ON CONTOURS WITH HERBACEOUS MAT.

INFO SOURCE: KNIGHT. FIELD NOTES 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: USFWS/DESERT NWR, BLM/LAS VEGAS

CORYPHANTHA VIVIPARA VAR ROSEA
CLOKEY'S PINCUSHION

PROTECTION STATUS
FEDERAL: 3C NRS: CY
NNNPS: D

FIRST OBSERVED: 1985 ELEVATION: 5300 COUNTY: NVLINC
LAST OBSERVED : 1985- PRECISION: M

TOWNSHIP/RANGE: 007S056E QUADNAME: GROOM RANGE SW
SECTION: 10 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

GROOM RANGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:

OCCASIONAL.

INFO SOURCE: FEIS ON GROOM RANGE, NELLIS AFB 1985.

OWNERSHIP/MGMT.: USAF/NELLIS

CORYPHANTHA VIVIPARA VAR ROSEA
CLOKEY'S PINCUSHION

PROTECTION STATUS
FEDERAL: 3C NRS: CY
NNNPS: D

FIRST OBSERVED: 1985 ELEVATION: 5400 COUNTY: NVLINC
LAST OBSERVED : 1985- PRECISION: M

TOWNSHIP/RANGE: 007S056E QUADNAME: GROOM RANGE SW
SECTION: 23 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GROOM RANGE

GENERAL SITE DESCRIPTION:
WITH SAGEBRUSH. GRAVELLY LIMESTONE.

SPECIES DATA:
SCATTERED INDIVIDUALS. COMMON.

INFO SOURCE: FEIS ON GROOM RANGE 1985.

OWNERSHIP/MGMT.: USAF/NELLIS

CORYPHANTHA VIVIPARA VAR ROSEA
CLOKEY'S PINCUSHION

PROTECTION STATUS
FEDERAL: 3C NRS: CY
NNNPS: D

FIRST OBSERVED: 1985 ELEVATION: 6000 COUNTY: NVLINC
LAST OBSERVED : 1985- PRECISION: M

TOWNSHIP/RANGE: 006S056E QUADNAME: GROOM RANGE
SECTION: 21 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GROOM RANGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:
FEW.

INFO SOURCE: FEIS ON GROOM RANGE, NELLIS AFB 1985.

OWNERSHIP/MGMT.: USAF/NELLIS

CORYPHANTHA VIVIPARA VAR ROSEA
CLOKEY'S PINCUSHION

PROTECTION STATUS
FEDERAL: 3C NRS: CY
NNNPS: D

FIRST OBSERVED: 1985 ELEVATION: 7500 COUNTY: NVLINC
LAST OBSERVED : 1985- PRECISION: M

TOWNSHIP/RANGE: 006S056E QUADNAME: GROOM RANGE
SECTION: 30 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GROOM RANGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:
FEW SCATTERED INDIVIDUALS.

INFO SOURCE: FEIS ON GROOM RANGE, NELLIS AFB 1985.

OWNERSHIP/MGMT.: USAF/NELLIS

CORYPHANTHA VIVIPARA VAR ROSEA
CLOKEY'S PINCUSHION

PROTECTION STATUS
FEDERAL: 3C NRS: CY
NNNPS: D

FIRST OBSERVED: 1985 ELEVATION: 6200 COUNTY: NVLINC
LAST OBSERVED : 1985- PRECISION: M

TOWNSHIP/RANGE: 006S056E QUADNAME: GROOM RANGE
SECTION: 10 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GROOM RANGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:
COMMON.

INFO SOURCE: FEIS ON GROOM RANGE, NELLIS AFB 1985.

OWNERSHIP/MGMT.: USAF/NELLIS

CORYPHANTHA VIVIPARA VAR ROSEA
CLOKEY'S PINCUSHION

PROTECTION STATUS
FEDERAL: 3C NRS: CY
NNNPS: D

FIRST OBSERVED: 1985 ELEVATION: 6200 COUNTY: NVLINC
LAST OBSERVED : 1985- PRECISION: MO

TOWNSHIP/RANGE: 006S056E QUADNAME: GROOM RANGE
SECTION: 35 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GROOM RANGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:
FEW, SCATTERED INDIVIDUALS.

INFO SOURCE: FEIS ON GROOM RANGE, NELLIS AFB 1985.

OWNERSHIP/MGMT.: USAF/NELLIS

CORYPHANTHA VIVIPARA VAR ROSEA
CLOKEY'S PINCUSHION

PROTECTION STATUS
FEDERAL: 3C NRS: CY
NNNPS: D

FIRST OBSERVED: 1985 ELEVATION: 6200 COUNTY: NVLINC
LAST OBSERVED : 1985- PRECISION: S

TOWNSHIP/RANGE: 006S055E QUADNAME: CATTLE SPRING
SECTION: 29 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GROOM RANGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:
FEW, SCATTERED INDIVIDUALS.

INFO SOURCE: FEIS ON GROOM RANGE, NELLIS AFB 1985.

OWNERSHIP/MGMT.: USAF/NELLIS

CORYPHANTHA VIVIPARA VAR ROSEA
CLOKEY'S PINCUSHION

PROTECTION STATUS
FEDERAL: 3C NRS: CY
NNNPS: D

FIRST OBSERVED: 1985 ELEVATION: 6300 COUNTY: NVLINC
LAST OBSERVED : 1985- PRECISION: MO

TOWNSHIP/RANGE: 006S055E QUADNAME: GROOM RANGE
SECTION: 13 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GROOM RANGE

GENERAL SITE DESCRIPTION:
LIMESTONE.

SPECIES DATA:
FEW INDIVIDUALS, THREATS FROM CATTLE.

INFO SOURCE: FEIS ON GROOM RANGE, NELLIS AFB 1985.

OWNERSHIP/MGMT.: USAF/NELLIS, BLM/LAS VEGAS

CORYPHANTHA VIVIPARA VAR ROSEA
CLOKEY'S PINCUSHION

PROTECTION STATUS
FEDERAL: 3C NRS: CY
NNNPS: D

FIRST OBSERVED: 1973 ELEVATION: 4100 COUNTY: NVCLAR
LAST OBSERVED : 1973-05-22 PRECISION: S

TOWNSHIP/RANGE: 019S058E QUADNAME: GRAPEVINE SPRING
SECTION: 24 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
8 MI W ON ROUTE 39, SPRING MOUNTAINS.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: RENO 39792

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CORYPHANTHA VIVIPARA VAR ROSEA
CLOKEY'S PINCUSHION

PROTECTION STATUS
FEDERAL: 3C NRS: CY
NNNPS: D

FIRST OBSERVED: 1960 ELEVATION: 5000 COUNTY: NVCLAR
LAST OBSERVED : 1960-04-18 PRECISION: G

TOWNSHIP/RANGE: 027S061E QUADNAME: MCCULLOUGH MTN
SECTION: 32 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MCCULLOUGH MOUNTAINS, 14 MI W OF SEARCHLIGHT.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: MOZINGO. RENO 39803.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CORYPHANTHA VIVIPARA VAR ROSEA
CLOKEY'S PINCUSHION

PROTECTION STATUS
FEDERAL: 3C NRS: CY
NNNPS: D

FIRST OBSERVED: 1973 ELEVATION: 2500 COUNTY: NVCLAR
LAST OBSERVED : 1973-05-21 PRECISION: G

TOWNSHIP/RANGE: 030S063E QUADNAME: SEARCHLIGHT
SECTION: 12 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
8.5 MI S OF SEARCHLIGHT, W ON HWY 68.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: MOZINGO 73-11. RENO 39793.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CRYPTANTHA INSOLITA
UNUSUAL CAT'S-EYE

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: PE

FIRST OBSERVED: 1905 ELEVATION: 1900 COUNTY: NVCLAR
LAST OBSERVED : 1905-05-04 PRECISION: G

TOWNSHIP/RANGE: 020S061E QUADNAME: LAS VEGAS NW
SECTION: 33 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
AT LAS VEGAS

GENERAL SITE DESCRIPTION:
IN WHITE ALKALINE SOIL.

SPECIES DATA:

BLOOMS APRIL TO JUNE. ORIGINAL HABITAT GONE BUT POTENTIAL HABITAT STILL EXISTS IN LAS VEGAS AREA.

INFO SOURCE: GOODDING 2286. M.E. JONES APRIL 29, 1905. PAYSON.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, PRIVATE/LV

CRYPTANTHA INSOLITA
UNUSUAL CAT'S-EYE

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: PE

FIRST OBSERVED: 1905 ELEVATION: 2000 COUNTY: NVCLAR
LAST OBSERVED : 1942-05-01 PRECISION: G

TOWNSHIP/RANGE: 020S061E QUADNAME: LAS VEGAS NE
SECTION: 24 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
NORTH LAS VEGAS

GENERAL SITE DESCRIPTION:
ALKALINE CLAY HILLS.

SPECIES DATA:

INFO SOURCE: BARNEBY. 1964. ATLAS OF N. AMER. ASTRAGALI.

OWNERSHIP/MGMT.: BLM?/LAS VEGAS, PRIVATE/LV

CRYPTANTHA TUMULOSA
NEW YORK MTNS. CAT'S-EYE

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1972 ELEVATION: 6630 COUNTY: NVCLAR
LAST OBSERVED : 1972-04-30 PRECISION: G

TOWNSHIP/RANGE: 027S061E QUADNAME: MCCULLOUGH MTN
SECTION: 32 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MC CULLOUGH MTNS

GENERAL SITE DESCRIPTION:
PINYON-JUNIPER.

SPECIES DATA:
LOCALLY COMMON.

INFO SOURCE: BOSTICK 5473. UNLV HERBARIUM #8113.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CYMOPTERUS RIPLEYI VAR SANICULOIDES
RIPLEY'S BISCUITROOT

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1985 ELEVATION: 5200 COUNTY: NVLINC
LAST OBSERVED : 1985-05-07 PRECISION: M

TOWNSHIP/RANGE: 007S056E QUADNAME: GROOM RANGE SW
SECTION: 22 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GROOM RANGE, SE AREA NEAR GUARD STATION

GENERAL SITE DESCRIPTION:
VOLCANIC TUFF.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM 19577. MARR-SMITH.

OWNERSHIP/MGMT.: USAF/NELLIS

DUDLEYA PULVERULENTA

PROTECTION STATUS

FEDERAL:

NRS: NONE

NNNPS: NONE

FIRST OBSERVED: 1966

ELEVATION: 3600

COUNTY: NVCLAR

LAST OBSERVED : 1966-03-19

PRECISION: S

TOWNSHIP/RANGE: 032S065E

QUADNAME: JUNIPER MINE

SECTION: 07

TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

4.9 MI E OF JCT OF HWY 95 AND HWY 77, ON HWY 77 NEAR DAVIS DAM

GENERAL SITE DESCRIPTION:

LARREA-AMBROSIA-YUCCA. IN CRACKS.

SPECIES DATA:

RARE.

INFO SOURCE: UNLV HERBARIUM #934.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

DUDLEYA PULVERULENTA

PROTECTION STATUS

FEDERAL:

NRS: NONE

NNNPS: NONE

FIRST OBSERVED: 1970

ELEVATION: 4800

COUNTY: NVCLAR

LAST OBSERVED : 1970-06-10

PRECISION: M

TOWNSHIP/RANGE: 021S058E

QUADNAME: BLUE DIAMOND

SECTION: U

TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

SPRING MOUNTAINS, N FORK OF PINE CREEK

GENERAL SITE DESCRIPTION:

SANDY SOIL, S-FACING CANYON SIDE.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM #4128.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

| ENCELIOPSIS NUDICAULIS VAR CORRUGATA
| ASH MEADOWS SUNRAY

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1972 ELEVATION: 2360 COUNTY: NVNYEX
LAST OBSERVED : 1966-04-20 PRECISION: SC

TOWNSHIP/RANGE: 017S051E QUADNAME: ASH MEADOWS
SECTION: 20 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

ABOVE SW SIDE OF LARGE PLAYA, CA 25 AIR KM SE OF LATHROP WELLS

GENERAL SITE DESCRIPTION:

IN LARREA DESERT. ABOUT OUTCROPS OF A PALE HARD LIMESTONE WHICH WEATHERS TO A WHITISH, ALKALINE SOIL.

SPECIES DATA:

INFO SOURCE: CRONQUIST.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

| ENCELIOPSIS NUDICAULIS VAR CORRUGATA
| ASH MEADOWS SUNRAY

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1972 ELEVATION: 2280 COUNTY: NVNYEX
LAST OBSERVED : 1986-07-31 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 14 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

ON DIRT RD. TO PURGATORY SPRING FROM ROGERS SPRING, N ASH MEADOWS

GENERAL SITE DESCRIPTION:

ON RIDGES AND SWALES OF HARD, ALKALI CLAYS. IN VERY OPEN SPARSE VEGETATION. WITH ATRIPLEX, SUAEDA, PSOROTHAMNUS, MENTZELIA LEUCOPYLLA, AND ASTRAGALUS PHOENIX.

SPECIES DATA:

PLANTS DORMANT, IN THE 1000'S-VERY ABUNDANT.

INFO SOURCE: KNIGHT. FIELD NOTES 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ENCALIOPSIS NUDICAULIS VAR CORRUGATA
ASH MEADOWS SUNRAY

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1972 ELEVATION: 2350 COUNTY: NVNYEX
LAST OBSERVED : 1986-07-30 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 23 TOWNSHIP COMMENT: SW4SE4

DIRECTIONS TO SITE:

AT SHAFT SPRING (UNMAPPED) IN 'GAP' BETWEEN UNNAMED HILLS EXTENDING NW OF DEVILS HOLE, N ASH MEADOWS

GENERAL SITE DESCRIPTION:

ON HARD ALKALI CLAY RIDGES AND SWALES WITH SOME CAPROCK. WITH ATRIPLEX, KRAMERIA, IVA, CRYPTANTHA, SALIX, GUARA, STANLEYA, HAPLOPAPPUS, TAMARIX, SOLIDAGO, TYPHA, ASCLEPIAS.

SPECIES DATA:

FREQUENT, DORMANT, PLANTS IN 100'S, BOTH SEEDLINGS AND MATURE INDIVIDUALS.

INFO SOURCE: KNIGHT. FIELD NOTES 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ENCALIOPSIS NUDICAULIS VAR CORRUGATA
ASH MEADOWS SUNRAY

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1972 ELEVATION: 2350 COUNTY: NVNYEX
LAST OBSERVED : 1986-07-30 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 23 TOWNSHIP COMMENT: SW4SE4

DIRECTIONS TO SITE:

AT CHALK SPRING (UNMAPPED), BETWEEN THE GAP FORMED IN THE UNNAMED HILLS EXTENDING NW OF DEVILS HOLE, N ASH MEADOWS

GENERAL SITE DESCRIPTION:

ON SWALES AND RIDGES OF CHALKY, ALKALI CLAYS WITH SOME CAPROCK. W/CIRSIUM, DISTICHILIS, IVA, PSOROTHAMNUS, VITIS, JUNCUS, CLADIUM, SUAEDA, SOLIDAGO, BERULA, FRAXINUS, ASCLEPIAS.

SPECIES DATA:

HEALTHY, DORMANT INDIVIDUALS NUMBERING IN THE 100'S.

INFO SOURCE: KNIGHT. FIELD NOTES 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

EPILOBIUM NEVADENSE
NEVADA WILLOWHERB

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1987 ELEVATION: 6000 COUNTY: NVLINC
LAST OBSERVED : 1987-07-24 PRECISION: M

TOWNSHIP/RANGE: 005S067E QUADNAME: CALIENTE
SECTION: 21 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

CLOVER MOUNTAINS, SAWMILL CANYON, 4 RD MI SSW OF THE ELLA MOUNTAIN RD FROM CALIENTE

GENERAL SITE DESCRIPTION:

GROWING AT THE BASE OF STEEP ROCK OUTCROPS OF RHYOLITIC ROCK.

SPECIES DATA:

INFO SOURCE: TIEHM, A. COLLECTION #11413 AND CRISAFULLI HOUSED AT NSM (6410 G).
UNLV HERBARIUM 27557.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIGERON OVINUS
SHEEP FLEABANE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1985 ELEVATION: 7200 COUNTY: NVLINC
LAST OBSERVED : 1985- PRECISION: S

TOWNSHIP/RANGE: 007S055E QUADNAME: GROOM MINE
SECTION: 04 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

GROOM RANGE, CREST OF RIDGE IN SOUTHERN HALF OF RANGE

GENERAL SITE DESCRIPTION:

WITH MOUNTAIN MAHOGANY AND FORSELLESIA NEVADENSIS. LIMESTONE, CREVICES.

SPECIES DATA:

COMMON.

INFO SOURCE: FEIS ON GROOM RANGE, NELLIS AFB 1985.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, USAF/NELLIS

ERIGERON OVINUS
SHEEP FLEABANE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1985 ELEVATION: 7200 COUNTY: NVLINC
LAST OBSERVED : 1985- PRECISION: S

TOWNSHIP/RANGE: 006S055E QUADNAME: CATTLE SPRING
SECTION: 28 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GROOM RANGE, ON CREST IN SOUTHERN HALF

GENERAL SITE DESCRIPTION:
IN MOUNTAIN MAHOGANY AND FORSELLESIA NEVADENSIS. LIMESTONE CREVICES.

SPECIES DATA:
FEW.

INFO SOURCE: FEIS ON GROOM RANGE, NELLIS AFB 1985.

OWNERSHIP/MGMT.: USAF/NELLIS, BLM/LAS VEGAS

ERIGERON OVINUS
SHEEP FLEABANE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1985 ELEVATION: 7232 COUNTY: NVLINC
LAST OBSERVED : 1985-06-04 PRECISION: M

TOWNSHIP/RANGE: 007S056E QUADNAME: GROOM RANGE SW
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
GROOM RANGE, CA. 110 KM W OF CALIENTE, ON CREST IN SOUTHERN HALF

GENERAL SITE DESCRIPTION:
WITH CERCOCARPUS LEDIFOLIUS AND FORSELLESIA NEVADENSIS, LIMESTONE RIDGE.

SPECIES DATA:
WITH CERCOCARPUS LEDIFOLIUS AND FORSELLESIA NEVADENSIS.

INFO SOURCE: MARR-SMITH AND NACHLINGER. 1987. MADRONO. 34(4):382. NSM 3322 G.
NACHLINGER 47.
OWNERSHIP/MGMT.: USAF/NELLIS

ERIGERON OVINUS
SHEEP FLEABANE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1985 ELEVATION: 7800 COUNTY: NVLINC
LAST OBSERVED : 1985- PRECISION: M

TOWNSHIP/RANGE: 006S056E QUADNAME: GROOM RANGE
SECTION: 19 TOWNSHIP COMMENT: AND SECTIONS 30,31

DIRECTIONS TO SITE:
ON CREST IN SOUTHERN HALF, GROOM RANGE

GENERAL SITE DESCRIPTION:
WITH MOUNTAIN MAHOGANY AND FORSELLESIA NEVADENSIS. LIMESTONE CREVICES.

SPECIES DATA:
FEW TO COMMON.

INFO SOURCE: FEIS ON GROOM RANGE, NELLIS AFB 1985.

OWNERSHIP/MGMT.: USAF/NELLIS

ERIGERON UNCIALIS SSP CONJUGANS
INCH HIGH FLEABANE

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1977 ELEVATION: 6400 COUNTY: NVLINC
LAST OBSERVED : 1977-05-29 PRECISION: U

TOWNSHIP/RANGE: QUADNAME:
SECTION: TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MORMON MOUNTAINS, EAST FACING.

GENERAL SITE DESCRIPTION:
LIMESTONE CREVICE.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM 11390, 11354.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM BIFURCATUM
PAHRUMP VALLEY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1941 ELEVATION: 2525 COUNTY: NVNYEX
LAST OBSERVED : 1970-06-13 PRECISION: SC

TOWNSHIP/RANGE: 020S052E QUADNAME: SIXMILE SPRING
SECTION: 23 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

ON LOW ROLLING HILLS 1 MI E OF CAL-NEV LINE. ALONG AND S OF HWY 52. PAHRUMP VALLEY

GENERAL SITE DESCRIPTION:
IN ATRIPLEX.

SPECIES DATA:

INFO SOURCE: BEATLEY. 1977C. T/E PLANTS OF NTS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM BIFURCATUM
PAHRUMP VALLEY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1941 ELEVATION: 2550 COUNTY: NVNYEX
LAST OBSERVED : 1970-06-12 PRECISION: SC

TOWNSHIP/RANGE: 020S053E QUADNAME: SIXMILE SPRING
SECTION: 30 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

PAHRUMP VALLEY, ALONG HWY 52, CA. 5 MI W OF PAHRUMP IN LOWER PORTION OF VALLEY IN FLOODPLAIN

GENERAL SITE DESCRIPTION:
IN ATRIPLEX.

SPECIES DATA:

INFO SOURCE: BEATLEY. 1977C. T/E SPECIES OF NTS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM BIFURCATUM
PAHRUMP VALLEY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1941 ELEVATION: 2500 COUNTY: NVNYEX
LAST OBSERVED : 1941-05-15 PRECISION: G

TOWNSHIP/RANGE: 020S053E QUADNAME: PAHRUMP
SECTION: 35 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
DRY WELL, PAHRUMP VALLEY

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: ABRAMS 14238. BEATLEY. 1977C. T/E SPECIES ON NTS.

OWNERSHIP/MGMT.: PRIVATE/PAHRUMP, BLM/LAS VEGAS

ERIOGONUM BIFURCATUM
PAHRUMP VALLEY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1941 ELEVATION: 2575 COUNTY: NVCLAR
LAST OBSERVED : 1980-05-21 PRECISION: SC

TOWNSHIP/RANGE: 025S057E QUADNAME: WEST OF SHENANDOAH PEAK
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
ALONG CAL-NEV LINE. MESQUITE VALLEY, CA. 2 MI DUE W OF SANDY

GENERAL SITE DESCRIPTION:
IN SHADSCALE FLAT. SANDY SOILS.

SPECIES DATA:
LOCALLY COMMON.

INFO SOURCE: NILES HERBARIUM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM CONCINNUM
DARIN'S BUCKWHEAT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1968 ELEVATION: 6000 COUNTY: NVNYEX
LAST OBSERVED : 1968-07-27 PRECISION: S

TOWNSHIP/RANGE: 008S048E QUADNAME: THIRSTY CANYON
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

NELLIS AFB, NW PAHUTE MESA ON ROCKY POINT 2 MI NNW OF VABM MYSTIC AND 2.5 MI E OF E THIRSTY CANYON.

GENERAL SITE DESCRIPTION:

ARTEMISIA TRIDENTATA.

SPECIES DATA:

INFO SOURCE: REVEAL 1664. RENO 26108.

OWNERSHIP/MGMT.: USAF/NELLIS BOMBING & GUNNERY

ERIOGONUM CONCINNUM
DARIN'S BUCKWHEAT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1968 ELEVATION: 5000 COUNTY: NVNYEX
LAST OBSERVED : 1968-07-28 PRECISION: S

TOWNSHIP/RANGE: 008S048E QUADNAME: THIRSTY CANYON
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

NELLIS AFB, 6.5 MI S OF RD JCT S OF RIBBON CLIFFS ON RIDGE ABOVE W RIM OF EAST THIRSTY CANYON BETWEEN THIRSTY AND EAST THIRSTY CANYONS.

GENERAL SITE DESCRIPTION:

ATRIPLEX-AMBROSIA VEGETATION, IN BOULDERS AND CLIFFS, PUMICE.

SPECIES DATA:

COMMON.

INFO SOURCE: REVEAL 1705,1712 AND BEATLEY. REVEAL 2009. RENO 26116,31824,26321.

OWNERSHIP/MGMT.: USAF/NELLIS BOMBING & GUNNERY

ERIOGONUM CONCINNUM
DARIN'S BUCKWHEAT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1968 ELEVATION: 6700 COUNTY: NVNYEX
LAST OBSERVED : 1968-10-04 PRECISION: S

TOWNSHIP/RANGE: 007S051E QUADNAME: DEAD HORSE FLAT
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

PAHUTE MESA ALONG ROAD TO U19G 1 MI NE OF ROAD 19-03, CA. 3 MI N OF SILENT CANYON. SOUTH GOLD FLAT DRAINAGE.

GENERAL SITE DESCRIPTION:

ARTEMISIA-PINYON-JUNIPER. IN DEEP WHITE SAND, VOLCANIC SOIL.

SPECIES DATA:

COMMON.

INFO SOURCE: REVEAL 2044. REVEAL 1592 AND BEATLEY. RENO 26715, 31830.

OWNERSHIP/MGMT.: USAF/NELLIS BOMBING & GUNNERY

ERIOGONUM CONCINNUM
DARIN'S BUCKWHEAT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1968 ELEVATION: 6700 COUNTY: NVNYEX
LAST OBSERVED : 1968-07-18 PRECISION: S

TOWNSHIP/RANGE: 007S051E QUADNAME: DEAD HORSE FLAT
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

NEVADA TEST SITE, ON ROAD TO U19G 1 MI NE OF 19-03, NORTH PAHUTE MESA, 0.5 MI N OF SILENT CANYON.

GENERAL SITE DESCRIPTION:

ARTEMISIA-PINYON-JUNIPER. VOLCANIC SOILS.

SPECIES DATA:

COMMON.

INFO SOURCE: REVEAL 1592 AND BEATLEY. RENO 40512.

OWNERSHIP/MGMT.: USAF/NELLIS BOMBING & GUNNERY

ERIOGONUM CONCINNUM
DARIN'S BUCKWHEAT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1970 ELEVATION: 2525 COUNTY: NVNYEX
LAST OBSERVED : 1970-06-12 PRECISION: M

TOWNSHIP/RANGE: 020S052E QUADNAME: SIXMILE SPRING
SECTION: 23 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
PAHRUMP VALLEY ALONG HWY 52, CA. 1 MI E OF CA-NV LINE.

GENERAL SITE DESCRIPTION:
WITH ATRIPLEX.

SPECIES DATA:

INFO SOURCE: REVEAL 2273. RENO HERBARIUM 27129.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM CONTIGUUM
REVEAL'S BUCKWHEAT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1971 ELEVATION: 2500 COUNTY: NVNYEX
LAST OBSERVED : 1971-04-23 PRECISION: M

TOWNSHIP/RANGE: 020S052E QUADNAME: SIXMILE SPRING
SECTION: 23 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
STEWART VALLEY, W OF PAHRUMP, SOUTH ON STEWART VALLEY ROAD FROM SR 52.

GENERAL SITE DESCRIPTION:
ON DISTURBED SITES.

SPECIES DATA:
ABUNDANT.

INFO SOURCE: BEATLEY AND REVEAL. UNLV HERBARIUM 5018.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM CONTIGUUM
REVEAL'S BUCKWHEAT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1971 ELEVATION: 2500 COUNTY: NVNYEX
LAST OBSERVED : 1971-05-05 PRECISION: S

TOWNSHIP/RANGE: 020S052E QUADNAME: STEWART VALLEY
SECTION: 09 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

S STEWART VALLEY, 2 MI N OF SR 52 ON DIRT ROAD TO ASH MEADOWS.

GENERAL SITE DESCRIPTION:

ON DISTURBED SITES AND LOW BAJADAS WITH ATRIPLEX HYMERNELYTRA.

SPECIES DATA:

COMMON.

INFO SOURCE: REVEAL 2288. UNLV HERBARIUM 5022. BEATLEY 12143 AND REVEAL. RENO
HERBARIUM 31535, 31430.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM CONTIGUUM
REVEAL'S BUCKWHEAT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1968 ELEVATION: 2300 COUNTY: NVNYEX
LAST OBSERVED : 1968-06-30 PRECISION: S

TOWNSHIP/RANGE: 017S051E QUADNAME: AMARGOSA FLAT
SECTION: 21 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

AMARGOSA DRAINAGE, 10 MI SW OF US95 AND LATHROP WELLS JUNCTION.

GENERAL SITE DESCRIPTION:

WITH ATRIPLEX.

SPECIES DATA:

ANNUAL.

INFO SOURCE: REVEAL 1418. RENO HERBARIUM 26126.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM CONTIGUUM
REVEAL'S BUCKWHEAT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1971 ELEVATION: 2400 COUNTY: NVNYEX
LAST OBSERVED : 1971-05-05 PRECISION: M

TOWNSHIP/RANGE: 019S050E QUADNAME: ASH MEADOWS
SECTION: 02 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

ALONG ASH MEADOWS - STEWART VALLEY ROAD BETWEEN DEATH VALLEY JUNCTION AND PAHRUMP, 3 MI S OF ASH MEADOWS ROAD AND WEST OF ASH MEADOWS RANCHO.

GENERAL SITE DESCRIPTION:

LOW ROCKY HILLS.

SPECIES DATA:

INFO SOURCE: REVEAL 4363. RENO HERBARIUM 53503.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM VISCIDULUM
STICKY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1941 ELEVATION: 1400 COUNTY: NVCLAR
LAST OBSERVED : 1979-04-14 PRECISION: SC

TOWNSHIP/RANGE: 015S068E QUADNAME: OVERTON SE
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

IN VIRGIN RIVER DRAINAGE, 1 MI S OF GUN CLUB IN VIRGIN RIVER DRAINAGE. MORMON MESA ROAD.

GENERAL SITE DESCRIPTION:

WITH LARREA, ASTRAGALUS TRIQUETRUS, PSORALEA, AMBROSIA, SPHAERALCEA. IN SANDY SOILS.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM., COLLECTION OF HOLLAND, WILLIAMS 79-20-2, TIEHM.
NSM 1260 G.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM VISCIDULUM
STICKY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1941 ELEVATION: 1430 COUNTY: NVCLAR
LAST OBSERVED : 1980-04-30 PRECISION: SC

TOWNSHIP/RANGE: 014S069E QUADNAME: RIVERSIDE
SECTION: 12 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

0.4 MI W ON N END OF RIVERSIDE BRIDGE. 1980: 3 MI S OF RIVERSIDE BRIDGE ON W BANK OF VIRGIN RIVER.

GENERAL SITE DESCRIPTION:

TAMARIX, PLUCHEA ASSOCIATION ACROSS RIVER. IN SANDY WASH, 50-75 FT WIDE THAT CROSSES RD, WITH PLANTS ON BOTH SIDES OF RD.

SPECIES DATA:

1 MI UP WASH, 35 PLANTS OBSERVED.

INFO SOURCE: FISHER. MOZINGO, PHONE CONVERSATION 3-19-80. HIS COLLECTIONS. NSM 5808 G.

OWNERSHIP/MGMT.: BLM/LV, PRIVATE/RIVERSIDE

ERIOGONUM VISCIDULUM
STICKY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1941 ELEVATION: 1394 COUNTY: NVCLAR
LAST OBSERVED : PRECISION: SC

TOWNSHIP/RANGE: 014S069E QUADNAME: OVERTON NE
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

GOLD BUTTE RD, VIRGIN RIVER VALLEY DRAINAGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: FISHER. ND. UNLV HERBARIUM., KNIGHT. FLORA OF MUDDY MTNS. 1981.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM VISCIDULUM
STICKY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1941 ELEVATION: 1500 COUNTY: NVCLAR
LAST OBSERVED : 1982-05-14 PRECISION: M

TOWNSHIP/RANGE: 014S069E QUADNAME: OVERTON NE
SECTION: 28 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

1/4 MI W OF VIRGIN RIVER, 4.7 MI DOWNSTREAM FROM RIVERSIDE BRIDGE ON E SIDE
OF RIVER, GOLD BUTTE ROAD.

GENERAL SITE DESCRIPTION:

SANDY WASH WITH AMBROSIA.

SPECIES DATA:

INFO SOURCE: HOLLAND. T/E SURVEY OF LMNRA. 1980. OBSERVATION BY HOLLAND,
WILLIAMS, AND TIEHM. TIEHM 6873. RENO HERBARIUM 63049.
OWNERSHIP/MGMT.: BLM/LV, PRIVATE/RIVERSIDE

ERIOGONUM VISCIDULUM
STICKY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1941 ELEVATION: 1500 COUNTY: NVCLAR
LAST OBSERVED : 1979-05-11 PRECISION: SC

TOWNSHIP/RANGE: 017S068E QUADNAME: VALLEY OF FIRE EAST
SECTION: 21 TOWNSHIP COMMENT: & SECTION 22

DIRECTIONS TO SITE:

1.5 MI W OF OVERTON BEACH, LAKE MEAD NRA

GENERAL SITE DESCRIPTION:

WITH ORYZOPSIS, HILARIA, AMBROSIA. IN DEEP SANDS.

SPECIES DATA:

LOCALLY COMMON.

INFO SOURCE: HOLLAND. 1980. T/E LAKE MEAD NRA.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, NPS/LAKE MEAD

ERIOGONUM VISCIDULUM
STICKY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1941 ELEVATION: 1600 COUNTY: NVCLAR
LAST OBSERVED : 1979-05-24 PRECISION: SC

TOWNSHIP/RANGE: 014S069E QUADNAME: RIVERSIDE
SECTION: 01 TOWNSHIP COMMENT: NE4

DIRECTIONS TO SITE:

RD NW OF RIVERSIDE BRIDGE, 1.5 MI FROM BRIDGE, ON LOW, ROLLING HILLS

GENERAL SITE DESCRIPTION:

SANDY WASHES.

SPECIES DATA:

1 PLANT OBSERVED.

INFO SOURCE: MOZINGO. PHONE CONVERSATION 3-19-80 PER ANN PINZL.

OWNERSHIP/MGMT.: BLM/LV, PRIVATE/RIVERSIDE

ERIOGONUM VISCIDULUM
STICKY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1941 ELEVATION: 1750 COUNTY: NVCLAR
LAST OBSERVED : 1979-05-24 PRECISION: M

TOWNSHIP/RANGE: 013S069E QUADNAME: FLAT TOP MESA
SECTION: 35 TOWNSHIP COMMENT: NE4

DIRECTIONS TO SITE:

2.7 MI NW OF RIVERSIDE BRIDGE

GENERAL SITE DESCRIPTION:

IN SANDS.

SPECIES DATA:

30 PLANTS FOUND.

INFO SOURCE: MOZINGO. PER PHONE CONVERSATION 3-19-80 PER ANN PINZL.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM VISCIDULUM
STICKY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1941 ELEVATION: 1500 COUNTY: NVCLAR
LAST OBSERVED : 1979-05-11 PRECISION: SC

TOWNSHIP/RANGE: 017S068E QUADNAME: VALLEY OF FIRE EAST
SECTION: 33 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

2 MILES SOUTH STATE HWY 12 ALONG HWY 41A, LAKE MEAD NRA

GENERAL SITE DESCRIPTION:

WITH ORYZOPSIS, HILARIA, AMBROSIA. DEEP SAND.

SPECIES DATA:

LOCALLY COMMON.

INFO SOURCE: UNLV HERBARIUM COLLECTION OF HOLLAND.

OWNERSHIP/MGMT.: NPS/LAKE MEAD, BLM/LAS VEGAS

ERIOGONUM VISCIDULUM
STICKY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1987 ELEVATION: 1800 COUNTY: NVCLAR
LAST OBSERVED : 1990-04-29 PRECISION: M

TOWNSHIP/RANGE: 014S067E QUADNAME: MOAPA EAST
SECTION: 29 TOWNSHIP COMMENT: AND SECTION 30 SW4

DIRECTIONS TO SITE:

6.4 KM N OF NSR 138 ALONG INTERMOUNTAIN POWER PROJECT ACCESS ROAD W OF
GLENDALE, TOWER #247-2. APPROX. 2.5 MI NE OF GLENDALE AND 100' N OF EXISTING
TRANSMISSION LINE (IPP).

GENERAL SITE DESCRIPTION:

SANDY SOILS. WITH DALEA FREMONTII, CROTON CALIFORNICA, KRAMERIA, ABRONIA
VILLOSA, CRYPTANTHA MICRANTHA, PALAFOXIA LINEARIS, PHACELIA CREMULATA, ERIOGONUM
TRICHOPES. CREOSOTE.

SPECIES DATA:

1987: LESS THAN 10 INDIVIDUALS IN FLOWER AND FRUIT. 1990: SEVERAL DOZEN IN
100 SQUARE METERS, IN FLOWER.

INFO SOURCE: LEARY. 1987. SITE SHEETS IN SPECIES FILE. FISHER, JACK. 1990. FIELD
SITE SHEET IN SPECIES FILE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

ERIOGONUM VISCIDULUM
STICKY BUCKWHEAT

PROTECTION STATUS
FEDERAL: C2 NRS: CE
NNNPS: T

FIRST OBSERVED: 1987 ELEVATION: 1850 COUNTY: NVCLAR
LAST OBSERVED : 1987-04-30 PRECISION: M

TOWNSHIP/RANGE: 014S067E QUADNAME: MOAPA EAST
SECTION: 20 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

7.3 KM N OF ROUTE 138 ALONG INTERMOUNTAIN POWER LINE ACCESS ROAD W OF
GLENDALE, TOWER # 246-3.

GENERAL SITE DESCRIPTION:

SANDY SOILS. WITH KRAMERIA, HILARIA RIGIDA, EPHEDRA TORREYANA, AMBROSIA,
PALAFOXIA LINEARSIS, CULDENIA HISPIDISSIMA, ASTRAGALUS SABULONUM, RAFINESQUIA,
DITHYREA, PHACELIA CREMULATA

SPECIES DATA:

LESS THAN 10 INDIVIDUALS, IN FLOWER AND FRUIT.

INFO SOURCE: LEARY. 1987. FIELD SITE SHEET IN SP. FILE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

FORSELLESIA CLOKEYI
CLOKEY'S GREASEBUSH

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1940 ELEVATION: 8700 COUNTY: NVCLAR
LAST OBSERVED : 1942- PRECISION: G

TOWNSHIP/RANGE: 019S056E QUADNAME: CHARLESTON PEAK
SECTION: 25 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

KYLE CANYON, CHARLESTON MTNS (=SPRING MTNS).

GENERAL SITE DESCRIPTION:

ASSOCIATED WITH PINUS FLEXILIS, P. PONDEROSA VAR. SCOPULORUM. IN CREVICES ON
N SIDE OF LIMESTONE CLIFFS. SPARSELY SCATTERED AND INACCESSIBLE ON CLIFF FACES.

SPECIES DATA:

FLOWERS IN JUNE.

INFO SOURCE: CLOKEY. 1951. FLORA OF THE CHARLESTON MTNS. CLOKEY 8667. RENO
HERBARIUM 6263.

OWNERSHIP/MGMT.: USFS/TOIYABE

FORSELLESIA NEVADENSIS
NEVADA GREASEBUSH

PROTECTION STATUS
FEDERAL: NRS: NONE
NNNPS: NONE

FIRST OBSERVED: 1981 ELEVATION: 5300 COUNTY: NVCLAR
LAST OBSERVED : 1981-04-16 PRECISION: SC

TOWNSHIP/RANGE: 016S061E QUADNAME: SHEEP PEAK
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

DESERT NWR, AT MOUTH OF PEEK-A-BOO CANYON ON MORMON WELLS RD, 0.6 MILES E OF
PINE NUT RD TURNOFF

GENERAL SITE DESCRIPTION:

AT BASE OF SHORT ROCK WALL WITH PRUNUS FACICULATA.

SPECIES DATA:

INFO SOURCE: PINZL, 3861.

OWNERSHIP/MGMT.: USFWS/DESERT NWR, BLM?/LV

FRASERA PAHUTENSIS
PAHUTE GREEN-GENTIAN

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1970 ELEVATION: 6700 COUNTY: NVNYEX
LAST OBSERVED : 1970-06-04 PRECISION: MO

TOWNSHIP/RANGE: 007S051E QUADNAME: DEAD HORSE FLAT
SECTION: U TOWNSHIP COMMENT: UNSURVEYED-NTS

DIRECTIONS TO SITE:

NTS, 0.3 KM N OF S RIM OF EXTREME SE EDGE OF PAHUTE MESA ON N-FACING SLOPES
AT HEAD OF LAMBS CANYON, IMMEDIATELY E OF DIVIDE B/W LAMB & SILENT CYNS. 1.6 KM
EAST OF JCT W/ 19-01 RD

GENERAL SITE DESCRIPTION:

ASSOCIATED WITH PINUS MONOPHYLLA, JUNIPERUS OSTEOSPERMA, ARTEMISIA
TRIDENTATA. LOOSE VOLCANIC SOIL, MORE COMMON IN BURNED SITES.

SPECIES DATA:

INFO SOURCE: REVEAL. 1970. BULL. TORREY BOT. CLUB. 98(2):107-8.

OWNERSHIP/MGMT.: DOE/TEST SITE, USFS, USAF/NELLIS

GALIUM HILENDIAE SSP KINGSTONENSE
KINGSTON BEDSTRAW

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1935 ELEVATION: 5300 COUNTY: NVNYEX
LAST OBSERVED : 1976-09-08 PRECISION: SC

TOWNSHIP/RANGE: 009S053E QUADNAME: OAK SPRING
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

0.2 MI N OF TUB SPRING AT SE BASE OF OAK SPRING BUTTE, S END OF BELTED RANGE

GENERAL SITE DESCRIPTION:

IN ARTEMISIA-PINYON. ON STEEP TALUS SLOPES. VOLCANICS.

SPECIES DATA:

INFO SOURCE: BEATLEY. 1977A. ENDANGERED SPS OF NTS

OWNERSHIP/MGMT.: DOE/TEST SITE,USAF/NELLIS

GILIA NYENSIS
NYE GILIA

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1968 ELEVATION: 4300 COUNTY: NVNYEX
LAST OBSERVED : 1968-08-18 PRECISION: S

TOWNSHIP/RANGE: 015S054E QUADNAME: NIAVI WASH
SECTION: 30 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

SW END OF SPOTTED RANGE, END OF ROAD 2 MI E OF MERCURY TURNOFF FROM US95.

GENERAL SITE DESCRIPTION:

ATRIPLEX CONFERTIFOLIA, EPHEDRA TORREYANA. LIMESTONE LEDGES AND CREVICES.

SPECIES DATA:

OCCASIONAL.

INFO SOURCE: BEATLEY 6528. RENO HERBARIUM 23861.

OWNERSHIP/MGMT.: DOE/NEVADA TEST SITE

GILIA RIPLEYI
RIPLEY'S GILIA

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1968 ELEVATION: 4000 COUNTY: NVNYEX
LAST OBSERVED : 1968-06-24 PRECISION: S

TOWNSHIP/RANGE: 014S050E QUADNAME: SPECTER RANGE NW
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

NEVADA TEST SITE. SOUTH ROCK VALLEY DRAINAGE, EAST SLOPE OF MOUNTAIN WEST OF BARRICADE, S AND N SLOPE OF CENTRAL SPECTER RANGE.

GENERAL SITE DESCRIPTION:

ATRIPLEX CONFERTIFOLIA, LIMESTONE.

SPECIES DATA:

INFO SOURCE: RENO 23849, 23850, 23862. BEATLEY 5967, 5568. REVEAL 1090 AND BEATLEY.

OWNERSHIP/MGMT.: DOE/NEVADA TEST SITE, BLM/LAS V

GRINDELIA FRAXINOPRATENSIS
ASH MEADOWS GUMPLANT

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1965 ELEVATION: 2100 COUNTY: NVNYEX
LAST OBSERVED : 1986-08-01 PRECISION: SC

TOWNSHIP/RANGE: 018S050E QUADNAME: ASH MEADOWS
SECTION: 22 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

IN LOWER DRAINAGE AND OUTFLOW OF BIG SPRING. POPULATION PROBABLY EXTENDS INTO SECTIONS 20 & 21. W ASH MEADOWS

GENERAL SITE DESCRIPTION:

WITH ATRIPLEX, MUHLENBERGIA, JUNCUS, PROSOPIS. IN ALKALI CLAY SOILS WITH HEAVY MINERAL CRUSTS IN SLOUGH.

SPECIES DATA:

50-100 PLANTS IN BLOOM BUT NOT VERY HEALTHY.

INFO SOURCE: KNIGHT. FIELD NOTES 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HAZARDIA BRICKELLIOIDES
BRICKELL'S HAZARDIA

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1968 ELEVATION: 4300 COUNTY: NVNYEX
LAST OBSERVED : 1968-08-18 PRECISION: S

TOWNSHIP/RANGE: 015S054E QUADNAME: NIAVI WASH
SECTION: 30 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

NEVADA TEST SITE. SOUTH FACE OF SW END OF SPOTTED RANGE, END OF ROAD FROM US 95, 2 MI E OF OLD MERCURY JUNCTION.

GENERAL SITE DESCRIPTION:

ATRIPLEX CONFERTIFOLIA AND EPHEDRA TORREYANA. ON LIMESTONE CLIFFS.

SPECIES DATA:

INFO SOURCE: BEATLEY 6481. RENO HERBARIUM 24024.

OWNERSHIP/MGMT.: DOE/NEVADA TEST SITE

HAZARDIA BRICKELLIOIDES
BRICKELL'S HAZARDIA

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1970 ELEVATION: 2600 COUNTY: NVNYEX
LAST OBSERVED : 1970-06-18 PRECISION: G

TOWNSHIP/RANGE: 019S053E QUADNAME: LAST CHANCE RIDGE
SECTION: 19 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

NORTH END OF PAHRUMP VALLEY NEAR WEST END OF MESQUITE ROAD RANCH AREA.

GENERAL SITE DESCRIPTION:

ATRIPLEX CONFERTIFOLIA, ON LOW HILLS, LIMESTONE.

SPECIES DATA:

INFO SOURCE: RENO HERBARIUM 27429. BEATLEY 11302 AND REVEAL.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

HAZARDIA BRICKELLIROIDES
BRICKELL'S HAZARDIA

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1967 ELEVATION: 3600 COUNTY: NVNYEX
LAST OBSERVED : 1967-04-17 PRECISION: G

TOWNSHIP/RANGE: 014S050E QUADNAME: SPECTER RANGE NW
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
NEVADA TEST SITE, NORTH END OF SPECTER RANGE.

GENERAL SITE DESCRIPTION:
LIMESTONE OUTCROP.

SPECIES DATA:

INFO SOURCE: BOSTICK 5216. RENO 23555.

OWNERSHIP/MGMT.: DOE/NEVADA TEST SITE, BLM/LAS V

HAZARDIA BRICKELLIROIDES
BRICKELL'S HAZARDIA

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1968 ELEVATION: 2700 COUNTY: NVNYEX
LAST OBSERVED : 1968-08-29 PRECISION: S

TOWNSHIP/RANGE: 017S051E QUADNAME: ASH MEADOWS
SECTION: 32 TOWNSHIP COMMENT: AND SECTION 36

DIRECTIONS TO SITE:
DEATH VALLEY NM, ASH MEADOWS, W SLOPE OF MOUNTAIN 2 AIR MI E OF DEVIL'S HOLE.

GENERAL SITE DESCRIPTION:
LIMESTONE WITH FRANSERIA DUMOSA.

SPECIES DATA:

INFO SOURCE: REVEAL 1950. WILLIAMS 79-31-1. RENO 24412, 43162.

OWNERSHIP/MGMT.: USFWS/ASH MEADOWS, BLM/LV

HELIANTHUS ANOMALA
UTAH SUNFLOWER

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1938 ELEVATION: 2000 COUNTY: NVCLAR
LAST OBSERVED : 1938-05-28 PRECISION: G

TOWNSHIP/RANGE: 015S067E QUADNAME: OVERTON
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
1 MI W OF LOGANDALE, MUDDY RIVER VALLEY

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: PERCY TRAIN.

OWNERSHIP/MGMT.: PRIVATE/LOGANDALE

IVESIA JAEGERI
JAEGER'S IVESIA

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1925 ELEVATION: 7600 COUNTY: NVCLAR
LAST OBSERVED : 1927-07-03 PRECISION: SC

TOWNSHIP/RANGE: 019S056E QUADNAME: CHARLESTON PEAK
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CHARLESTON RESORT, SPRING MTNS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: MUNZ. 1929. BULL. TORREY BOT. CLUB. 56:165-6. M.E. JONES
COLLECTION.

OWNERSHIP/MGMT.: USFS/TOIYABE

IVESIA JAEGERI
JAEGER'S IVESIA

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1925 ELEVATION: 10000 COUNTY: NVCLAR
LAST OBSERVED : 1925-10-12 PRECISION: G

TOWNSHIP/RANGE: 019S056E QUADNAME: CHARLESTON PEAK
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CHARLESTON (SPRING) MTNS

GENERAL SITE DESCRIPTION:
LIMESTONE ROCKS.

SPECIES DATA:

INFO SOURCE: MUNZ. 1929. BULL. TORREY BOT. CLUB. 56:165-6. JAEGER COLLECTION.

OWNERSHIP/MGMT.: USFS/TOIYABE, MT. CHAR. W.A.

IVESIA JAEGERI
JAEGER'S IVESIA

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1925 ELEVATION: 8400 COUNTY: NVCLAR
LAST OBSERVED : 1927-10-01 PRECISION: SC

TOWNSHIP/RANGE: 019S056E QUADNAME: CHARLESTON PEAK
SECTION: 35 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
NEAR LITTLE FALLS, GRIFFITH RESORT, KYLE CANYON, SPRING MTNS

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: MUNZ. 1929. BULL. TORREY BOT. CLUB. 56:165-6.

OWNERSHIP/MGMT.: USFS/TOIYABE

IVESIA JAEGERI
JAEGER'S IVESIA

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1925 ELEVATION: 7700 COUNTY: NVCLAR
LAST OBSERVED : 1977-04-29 PRECISION: SC

TOWNSHIP/RANGE: 018S056E QUADNAME: CHARLESTON PEAK
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

LEE CANYON, S SIDE BELOW DEER CANYON RD, SPRING MTNS

GENERAL SITE DESCRIPTION:

PINYON-JUNIPER WOODLAND. ON LIMESTONE ALLUVIAL TERRACE.

SPECIES DATA:

INFO SOURCE: GENZ. SITE SHEET (ATTACHED).

OWNERSHIP/MGMT.: USFS/TOIYABE

IVESIA KINGII VAR EREMICA
ASH MEADOWS MOUSETAILS

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1892 ELEVATION: 2350 COUNTY: NVNYEX
LAST OBSERVED : 1986-07-31 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 23 TOWNSHIP COMMENT: SW4SE4

DIRECTIONS TO SITE:

AT CHALK SPRINGS (UNMAPPED) S OF SHAFT SPRING IN GAP BETWEEN HILLS EXTENDING
NW FROM DEVILS HOLE. N ASH MEADOWS

GENERAL SITE DESCRIPTION:

WITH FRAXINUS, PROSOPIS, JUNCUS, DISTICHILIS, CENTAURIUM, POLYGALA,
ENCELIOPSIS NUDICAULIS. ON ALKALI CLAYS WITH SOME RUNOFF FROM SPRING.

SPECIES DATA:

SMALL BUT HEALTHY POPULATION. 60-100 PLANTS, IN FLOWER & VERY HEALTHY.

INFO SOURCE: KNIGHT. FIELD NOTES 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

JAMESIA TETRAPETALA

PROTECTION STATUS

FEDERAL: C2

NRS: NONE

NNNPS: NONE

FIRST OBSERVED:

ELEVATION: 9395

COUNTY: NVLINC

LAST OBSERVED :

PRECISION: S

TOWNSHIP/RANGE: 001S066E

QUADNAME: HIGHLAND PEAK

SECTION: 03

TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

HIGHLAND RANGE, HIGHLAND PEAK.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: HOLMGREN AND HOLMGREN. 1989. BRITTONIA. 41(4):349. CA PURPUS 6317 (UC).

OWNERSHIP/MGMT.: BLM/LAS VEGAS

LATHYRUS HITCHCOCKIANUS
BULLFROG HILLS SWEETPEA

PROTECTION STATUS

FEDERAL: 3C

NRS: NONE

NNNPS: W

FIRST OBSERVED: 1891

ELEVATION: 5200

COUNTY: NVNYEX

LAST OBSERVED : 1967-05-24

PRECISION: MO

TOWNSHIP/RANGE: 011S050E

QUADNAME: TOPOPAH SPRING NW

SECTION: U

TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

YUCCA MTN, 0.5 MI BELOW BEATTY WASH SADDLE, NW JACKASS FLATS DRAINAGE.

GENERAL SITE DESCRIPTION:

IN ARTEMISIA-PINYON-JUNIPER. CANYON BOTTOM.

SPECIES DATA:

INFO SOURCE: BEATLEY. 1977A. T/E SPECIES OF NTS.

OWNERSHIP/MGMT.: BLM?, USAF/NELLIS, DOE/TEST SITE

MENTZELIA LEUCOPHYLLA
ASH MEADOWS BLAZING-STAR

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1898 ELEVATION: 2350 COUNTY: NVNYEX
LAST OBSERVED : 1979-04-08 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 22 TOWNSHIP COMMENT: OR SECTION 23

DIRECTIONS TO SITE:

1/3 MI SE OF LONGSTREET SPRING IN ASH MEADOWS. UNNAMED SPRING. 1971: S OF
LONGSTREET SPRING AREA E OF EASTERMOST FENCING IN SPRING MEADOWS FARM & W OF
DEVIL'S HOLE MTN

GENERAL SITE DESCRIPTION:

WITH ENCELIOPSIS NUDICAULIS, HAPLOPAPPUS, ASTRAGALUS PHOENIX, TAMARIX,
MESQUITE, ATRIPLEX. ALONG SMALL WASHES, IN FRAGILE SALINE SOILS. IN 1971 SEEN IN
SANDY WASH AT 2200' ELEV.

SPECIES DATA:

5 NON-FLOWERING ROSETTES, 20 OLD DEAD PLANTS. IMMATURE ON 8 APRIL. 1971
REFERRED TO AS A 'LOCAL' POPULATION.

INFO SOURCE: COCHRANE.

OWNERSHIP/MGMT.: USFWS/DESERT NWR, ASH MEADOWS

MENTZELIA LEUCOPHYLLA
ASH MEADOWS BLAZING-STAR

PROTECTION STATUS
FEDERAL: LT NRS: CE
NNNPS: T

FIRST OBSERVED: 1899 ELEVATION: 2280 COUNTY: NVNYEX
LAST OBSERVED : 1986-07-31 PRECISION: SC

TOWNSHIP/RANGE: 017S050E QUADNAME: ASH MEADOWS
SECTION: 14 TOWNSHIP COMMENT: NE4SW4

DIRECTIONS TO SITE:

ALONG DIRT RD BETWEEN PURGATORY SPRING (UNMAPPED) AND ROGERS SPRING IN N ASH
MEADOWS

GENERAL SITE DESCRIPTION:

WITH ASTRAGALUS PHOENIX, ENCELIOPSIS NUDICAULIS, PSOROTHAMNUS, IVA, ATRIPLEX,
SUAEDA, KRAMERIA. ON HARD, ALKALI CLAY HILLS AND SWALES.

SPECIES DATA:

PLANTS ROBUST AND HEALTHY. INFREQUENT OVER SEVERAL ACRES. SEEDLINGS
(ROSETTES) & MATURE, FLOWERS & CAPSULES W/SEEDS.

INFO SOURCE: KNIGHT, T. FIELD TRIP 7-29 TO 8-2-86.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

OPUNTIA WHIPPLEI VAR MULTIGENICULATA
BLUE DIAMOND CHOLLA

PROTECTION STATUS
FEDERAL: C1 NRS: CE/CY
NNNPS: T

FIRST OBSERVED: 1939 ELEVATION: 4000 COUNTY: NVCLAR
LAST OBSERVED : 1990-05-13 PRECISION: SC

TOWNSHIP/RANGE: 022S059E QUADNAME: BLUE DIAMOND
SECTION: 06 TOWNSHIP COMMENT: & SECTION 5

DIRECTIONS TO SITE:
BLUE DIAMOND GYPSUM MINE

GENERAL SITE DESCRIPTION:
IN COLEOGYNE SCRUB. ON LIMESTONE RIDGES BELOW MINE. 1981: LARREA SHRUBLAND.

SPECIES DATA:

INFO SOURCE: CHATTERLY. 1982. STATUS REPORT. WELSH 20729. RENO HERBARIUM 53723.

OWNERSHIP/MGMT.: PRIVATE/GYPSUM MINE, BLM/LV

OPUNTIA WHIPPLEI VAR MULTIGENICULATA
BLUE DIAMOND CHOLLA

PROTECTION STATUS
FEDERAL: C1 NRS: CE/CY
NNNPS: T

FIRST OBSERVED: 1939 ELEVATION: 4320 COUNTY: NVCLAR
LAST OBSERVED : 1990-05-13 PRECISION: SC

TOWNSHIP/RANGE: 021S059E QUADNAME: BLUE DIAMOND
SECTION: 31 TOWNSHIP COMMENT: SE4

DIRECTIONS TO SITE:
EAST OF WILSON'S RANCH, SPRING MOUNTAINS, ALONG A ROAD FROM BLUE DIAMOND TO
THE MINE.

GENERAL SITE DESCRIPTION:
OPEN ROCKY RIDGE.

SPECIES DATA:
YUCCA - COLEOGYNE.

INFO SOURCE: FISHER. 1980. WESTEC RPT TO BLM. CLOKEY. 1943. MADRONO 7(3):67-76.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON ALBOMARGINATUS
WHITE-MARGIN BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: NONE

FIRST OBSERVED: 1969 ELEVATION: 2100 COUNTY: NVCLAR
LAST OBSERVED : 1969-05-03 PRECISION: S

TOWNSHIP/RANGE: 024S061E QUADNAME: SLOAN
SECTION: 32 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
HIDDEN VALLEY, E OF McCULLOUGH MTN

GENERAL SITE DESCRIPTION:
CREOSOTE BUSH. DEEP SHIFTING SAND.

SPECIES DATA:

INFO SOURCE: NILES 966 AND BOSTICK. UNLV HERBARIUM #2739.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON ALBOMARGINATUS
WHITE-MARGIN BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: NONE

FIRST OBSERVED: 1969 ELEVATION: 3200 COUNTY: NVCLAR
LAST OBSERVED : 1969-04-27 PRECISION: S

TOWNSHIP/RANGE: 024S061E QUADNAME: SLOAN
SECTION: 22 TOWNSHIP COMMENT: NE4NE4

DIRECTIONS TO SITE:
McCULLOUGH MTNS, HIDDEN VALLEY, AT E RIM OF VALLEY AND NE PORTION.

GENERAL SITE DESCRIPTION:
CREOSOTE BUSH SCRUB. BLOW SAND. PLANTS BURIED IN DRIFTING SAND.

SPECIES DATA:
COMMON.

INFO SOURCE: BOSTICK 4230. UNLV HERBARIUM #15446, #8371. BOSTICK AND NILES 966.
NSM HERBARIUM 439G.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON ALBOMARGINATUS
WHITE-MARGIN BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: NONE

FIRST OBSERVED: 1965 ELEVATION: 2700 COUNTY: NVCLAR
LAST OBSERVED : 1965-05-01 PRECISION: S

TOWNSHIP/RANGE: 025S060E QUADNAME: GOODSPRINGS
SECTION: 09 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
IN DRY LAKE E OF JEAN

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM #1912.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON ALBOMARGINATUS
WHITE-MARGIN BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: NONE

FIRST OBSERVED: 1970 ELEVATION: 2750 COUNTY: NVNYEX
LAST OBSERVED : 1970-05-09 PRECISION: S

TOWNSHIP/RANGE: 015S051E QUADNAME: SKELETON HILLS
SECTION: 32 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
AMARGOSA DRAINAGE, BELOW W END OF SPECTER RANGE, ON RT 95 CA 8 MI E OF
LATHROP WELLS

GENERAL SITE DESCRIPTION:
LARREA-FRANSERIA TYPE. SANDY SOIL.

SPECIES DATA:
ABUNDANT.

INFO SOURCE: DUP OF BEATLEY 10480 AND REVEAL FROM NTS. ALSO 12299 IN APRIL 1971.
UNLV HERBARIUM #3950.
OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP BICOLOR
BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1980 ELEVATION: 4400 COUNTY: NVCLAR
LAST OBSERVED : 1980-05-04 PRECISION: S

TOWNSHIP/RANGE: 019S058E QUADNAME: GRAPEVINE SPRING
SECTION: 14 TOWNSHIP COMMENT: SE4

DIRECTIONS TO SITE:
SPRING MOUNTAINS, LOWER KYLE CANYON

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: FISHER 44. NSM 6081 G.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP BICOLOR
BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1980 ELEVATION: 3600 COUNTY: NVCLAR
LAST OBSERVED : 1980-05-05 PRECISION: S

TOWNSHIP/RANGE: 019S059E QUADNAME: GRAPEVINE SPRING
SECTION: 16 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SPRING MOUNTAINS, HARRIS WASH, CORN CREEK.

GENERAL SITE DESCRIPTION:
ROCKY GROUND.

SPECIES DATA:

INFO SOURCE: FISHER 32. NSM 5836 G.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP BICOLOR
BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1989 ELEVATION: 2200 COUNTY: NVCLAR
LAST OBSERVED : 1989-09-20 PRECISION: S

TOWNSHIP/RANGE: 018S063E QUADNAME: DRY LAKE NW
SECTION: 09 TOWNSHIP COMMENT: SE4SE4 & SECTION 11

DIRECTIONS TO SITE:

NEAR APEX, NW OF JCT OF I-15 AND US-93, IN WASH CROSSING US-93, CA. 1.8 MI NW OF I-15.

GENERAL SITE DESCRIPTION:

WASH CROSSES ROAD NEAR DIRT ROAD TO RADIO TOWER, WITH AMBROSIA DUMOSA, DALEA, ENCELIA, SALVIA, AND EPHEDRA.

SPECIES DATA:

24 PLANTS ON 2 HECTARES.

INFO SOURCE: SCOTT MILLS. 1989. FIELD SITE RECORD ON FILE.

OWNERSHIP/MGMT.: PRIVATE/KERR-MCGEE, BLM/LV

PENSTEMON BICOLOR SSP BICOLOR
BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1990 ELEVATION: 2500 COUNTY: NVCLAR
LAST OBSERVED : 1990-05-15 PRECISION: M

TOWNSHIP/RANGE: 016S063E QUADNAME: DRY LAKE NW
SECTION: 32 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

U.S. 93 IN SOUTH END OF COYOTE SPRING VALLEY AT DEPT. OF TRANSPORTATION MILE MARKER 60, ROADSIDE IN RIGHT-OF-WAY.

GENERAL SITE DESCRIPTION:

DISTURBED GRAVELS WITH LARREA, AMBROSIA, ERIOGONUM INFLATUM, AND SPHAERLACEA AMBIGUA.

SPECIES DATA:

APPROXIMATELY 50 PLANTS IN 0.5 MI.

INFO SOURCE: KNIGHT. 1990 SITE SHEET IN SPECIES FILE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP BICOLOR
BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1980 ELEVATION: 4400 COUNTY: NVCLAR
LAST OBSERVED : 1980-05-08 PRECISION: S

TOWNSHIP/RANGE: 020S059E QUADNAME: LA MADRE MTN
SECTION: 20 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
SPRING MOUNTAINS, LA MADRE MTN.

GENERAL SITE DESCRIPTION:
SANDSTONE OUTCROPS

SPECIES DATA:

INFO SOURCE: FISHER 19. NSM 2260 G.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP BICOLOR
BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1980 ELEVATION: 3250 COUNTY: NVCLAR
LAST OBSERVED : 1980-04-23 PRECISION: M

TOWNSHIP/RANGE: 022S059E QUADNAME: BLUE DIAMOND
SECTION: 09 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
ON ROAD TO BLUE DIAMOND.

GENERAL SITE DESCRIPTION:
IN WASH.

SPECIES DATA:

INFO SOURCE: FISHER 10. NSM 2261 G.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP ROSEUS
ROSY BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: D

FIRST OBSERVED: 1981 ELEVATION: 2800 COUNTY: NVCLAR
LAST OBSERVED : 1986-04-17 PRECISION: S

TOWNSHIP/RANGE: 017S063E QUADNAME: DRY LAKE NW
SECTION: 30 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
US 93, 8.25 RD MI N OF I-15. 20 MI S SAWMILL RD.

GENERAL SITE DESCRIPTION:
ROADSIDE.

SPECIES DATA:
LOCALLY FREQUENT.

INFO SOURCE: PINZL 7131, 3872. NSM 9138, 5672.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP ROSEUS
ROSY BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: D

FIRST OBSERVED: 1978 ELEVATION: 2500 COUNTY: NVCLAR
LAST OBSERVED : 1979-04-10 PRECISION: M

TOWNSHIP/RANGE: 018S063E QUADNAME: DRY LAKE NW
SECTION: 04 TOWNSHIP COMMENT: AND SECTIONS 3, 10

DIRECTIONS TO SITE:
US 93, 2.3 TO 5.1 MI N I-15.

GENERAL SITE DESCRIPTION:
IN GRAVEL WASH WITH CREOSOTE BUSH, LARREA, YUCCA, AND STEPHANOMERIA.

SPECIES DATA:
LOCALLY COMMON TO FREQUENT.

INFO SOURCE: HOLMGREN AND HOLMGREN 8662. NSM 1596 G, 1362 G. WILLIAMS 79-13-1
AND TIEHM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP ROSEUS
ROSY BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: D

FIRST OBSERVED: 1980 ELEVATION: 2500 COUNTY: NVCLAR
LAST OBSERVED : 1980-04-25 PRECISION: M

TOWNSHIP/RANGE: 017S063E QUADNAME: DRY LAKE NW
SECTION: 30 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
ARROW CANYON RANGE, SOUTH END.

GENERAL SITE DESCRIPTION:
IN WASH.

SPECIES DATA:

INFO SOURCE: FISHER TE3. NSM 2262 G.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP ROSEUS
ROSY BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: D

FIRST OBSERVED: 1980 ELEVATION: 2875 COUNTY: NVCLAR
LAST OBSERVED : 1980-04-21 PRECISION: S

TOWNSHIP/RANGE: 023S060E QUADNAME: SLOAN
SECTION: 36 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
I-15, 19 MI SW OF SLOAN EXIT.

GENERAL SITE DESCRIPTION:
ALONG ROAD WITH HYMENOCLEA AND LEPIDIUM FREMONTII.

SPECIES DATA:
ABUNDANT.

INFO SOURCE: PINZL 2698. NSM 4662.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP ROSEUS
ROSY BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: D

FIRST OBSERVED: 1969 ELEVATION: 2700 COUNTY: NVCLAR
LAST OBSERVED : 1969-05-03 PRECISION: M

TOWNSHIP/RANGE: 025S061E QUADNAME: MCCULLOUGH MTN
SECTION: 31 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MCCULLOUGH MOUNTAINS, WEST SIDE OF MCCULLOUGH, 2.4 MI FROM PASS.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: NILES 961 AND BOSTICK. NSM 436 G.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP ROSEUS
ROSY BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: D

FIRST OBSERVED: 1970 ELEVATION: 3100 COUNTY: NVCLAR
LAST OBSERVED : 1970-04-05 PRECISION: S

TOWNSHIP/RANGE: 025S061E QUADNAME: MCCULLOUGH MTN
SECTION: 34 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
MCCULLOUGH MOUNTAINS, CANYON SOUTH OF MCCULLOUGH PASS.

GENERAL SITE DESCRIPTION:
IN CANYON BOTTOM IN CREOSOTE BUSH SCRUB.

SPECIES DATA:

INFO SOURCE: BOSTICK 4835. NSM 5838 G.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP ROSEUS
ROSY BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: D

FIRST OBSERVED: 1980 ELEVATION: 2700 COUNTY: NVCLAR
LAST OBSERVED : 1980-04-01 PRECISION: S

TOWNSHIP/RANGE: 025S061E QUADNAME: MCCULLOUGH MTN
SECTION: 26 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

MCCULLOUGH PASS RD, EAST SIDE OF THE PASS, 7.7 MI FROM N END OF SWITCHING STATION.

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: PINZL 2568. NSM 4031.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP ROSEUS
ROSY BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: D

FIRST OBSERVED: 1990 ELEVATION: 3960 COUNTY: NVNYEX
LAST OBSERVED : 1990-04-25 PRECISION: S

TOWNSHIP/RANGE: 020S054E QUADNAME: PAHRUMP
SECTION: 10 TOWNSHIP COMMENT: SW4NW4

DIRECTIONS TO SITE:

WHEELER WASH ROAD, NORTH SPRING MOUNTAINS.

GENERAL SITE DESCRIPTION:

WASH BOTTOM AND TALUS SLOPES WITH LARREA, OPUNTIA, AND YUCCA BREVIFOLIA.

SPECIES DATA:

200 PLANTS IN 1 HECTARE, ALL IN FLOWER AND MATURE.

INFO SOURCE: ATWOOD AND WEIXLEMAN. 1990 SITE SHEET.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP ROSEUS
ROSY BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: D

FIRST OBSERVED: 1990 ELEVATION: 3100 COUNTY: NVCLAR
LAST OBSERVED : 1990-04 PRECISION: M

TOWNSHIP/RANGE: 021S059E QUADNAME: BLUE DIAMOND SITE
SECTION: 34 TOWNSHIP COMMENT: SE4

DIRECTIONS TO SITE:
3.0 MI SOUTH OF BLUE DIAMOND.

GENERAL SITE DESCRIPTION:
IN DEEP WASH WITH CREOSOTE BUSH.

SPECIES DATA:
LESS THAN 50 PLANTS IN 100 SQUARE METERS, MATURE AND IN FLOWER.

INFO SOURCE: JACK FISHER. 1990. SITE SHEET IN SPECIES FILE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON BICOLOR SSP ROSEUS
ROSY BICOLORED BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: D

FIRST OBSERVED: 1990 ELEVATION: 2400 COUNTY: NVCLAR
LAST OBSERVED : 1990-04-12 PRECISION: M

TOWNSHIP/RANGE: 021S063E QUADNAME: FRENCHMAN MTN
SECTION: 03 TOWNSHIP COMMENT: NW4

DIRECTIONS TO SITE:
WEST OF US 93, AT ARROW CANYON RANGE AND APPROX. 3.5 MI NW OF I-15.

GENERAL SITE DESCRIPTION:
CREOSOTE BUSH SCRUB, NEAR ROAD CUTS.

SPECIES DATA:
TEN PLANTS IN 10 METER SQUARE AREA, IN FLOWER.

INFO SOURCE: FISHER. 1990. SITE SHEET IN SPECIES FILE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON FRUTICIFORMIS SSP AMARGOSAE
DEATH VALLEY BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1907 ELEVATION: 3500 COUNTY: NVNYEX
LAST OBSERVED : 1968-08-19 PRECISION: G

TOWNSHIP/RANGE: 016S052E QUADNAME: POINT OF ROCKS
SECTION: 03 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

S SIDE OF E SPECTER RANGE, 2.5 MI N OF RT 95. E OF DIRT RD LEAVING HWY, 4 MI
W OF NRDS TURNOFF

GENERAL SITE DESCRIPTION:

FRANSERIA-LARREA-ATRIplex VEGETATION.

SPECIES DATA:

SEVERAL PLANTS.

INFO SOURCE: BEATLEY. RENO HERBARIUM.

OWNERSHIP/MGMT.: DOE/TEST SITE, BLM/LAS VEGAS

PENSTEMON FRUTICIFORMIS SSP AMARGOSAE
DEATH VALLEY BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1907 ELEVATION: 4200 COUNTY: NVNYEX
LAST OBSERVED : 1970-05-11 PRECISION: SC

TOWNSHIP/RANGE: 018S053E QUADNAME: MT STIRLING
SECTION: 02 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

PAHRUMP DRAINAGE BASIN. ALONG WASH AND LOWER BANKS, LOWER CANYON BELOW
CRYSTAL SPRINGS, SE OF MT. STIRLING, NW SPRING MOUNTAINS

GENERAL SITE DESCRIPTION:

WITH BACCHARIS-COLEOGYNE.

SPECIES DATA:

WOODY PERSISTENT STEMS W/PODS FROM PREVIOUS YR.

INFO SOURCE: BEATLEY AND REVEAL. HERBARIUM SHEET UNR.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON FRUTICIFORMIS SSP AMARGOSAE
DEATH VALLEY BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1907 ELEVATION: 3900 COUNTY: NVNYEX
LAST OBSERVED : 1907-04-27 PRECISION: G

TOWNSHIP/RANGE: 017S048E QUADNAME: RYAN
SECTION: 12 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

E OF DEATH VALLEY, NOT FAR FROM CALIF. LINE, AMARGOSA DESERT

GENERAL SITE DESCRIPTION:

LARREA-ATRIPLEX SCRUB. SANDY WASHES.

SPECIES DATA:

INFO SOURCE: KECK. 1937. AMER. MIDLAND NAT. 18(5):801-2. M.E. JONES COLLECTION.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

PENSTEMON LEIOPHYLLUS VAR KECKII
KECK'S BEARDTONGUE

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1913 ELEVATION: 8500 COUNTY: NVCLAR
LAST OBSERVED : 1925-09-12 PRECISION: G

TOWNSHIP/RANGE: 019S057E QUADNAME: ANGEL PEAK
SECTION: 08 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

CHARLESTON (SPRING) MOUNTAINS

GENERAL SITE DESCRIPTION:

IN ASPEN BELT.

SPECIES DATA:

INFO SOURCE: WOODBURY. 1980. STATUS REPORT. JAEGER COLLECTION.

OWNERSHIP/MGMT.: USFS/TOIYABE

PENSTEMON LEIOPHYLLUS VAR KECKII
KECK'S BEARDTONGUE

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1930 ELEVATION: 9200 COUNTY: NVCLAR
LAST OBSERVED : 1939-06-29 PRECISION: SC

TOWNSHIP/RANGE: 019S056E QUADNAME: CHARLESTON PEAK
SECTION: 27 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
KYLE CANYON, SLOPE ABOVE BIG FALLS

GENERAL SITE DESCRIPTION:
PONDEROSA. DRY ROCKY SLOPES UP TO 11000'.

SPECIES DATA:

INFO SOURCE: HITCHCOCK AND GOODMAN 1678. CLOKEY 8489. WOODBURY. 1980. STATUS
REPORT., USFS HERBARIUM - MT. CHARLESTON.
OWNERSHIP/MGMT.: USFS/TOIYABE, MT. CHAR. W.A.

PENSTEMON LEIOPHYLLUS VAR KECKII
KECK'S BEARDTONGUE

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1913 ELEVATION: 9000 COUNTY: NVCLAR
LAST OBSERVED : 1954-07-04 PRECISION: SC

TOWNSHIP/RANGE: 019S056E QUADNAME: CHARLESTON PEAK
SECTION: 03 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
CHARLESTON (SPRING) MTNS, LEE CANYON, AT LOWER SPRINGS

GENERAL SITE DESCRIPTION:
OPEN FOREST OF PINUS FLEXILIS, P. ARISTATA, P. PONDEROSA. ON TALUS.

SPECIES DATA:
COROLLA DEEP BLUE-LAVENDER.

INFO SOURCE: LANGENHEIM (UC). WOODBURY. 1980. STATUS REPORT., USFS HERBARIUM -
MT. CHARLESTON.
OWNERSHIP/MGMT.: USFS/TOIYABE

PENSTEMON PUDICUS
BASHFUL BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1970 ELEVATION: 8000 COUNTY: NVNYEX
LAST OBSERVED : 1970-06-07 PRECISION: S

TOWNSHIP/RANGE: 002N049E QUADNAME: STINKING SPRING
SECTION: 33 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

STEEP E EXPOSURE ADJACENT TO SADDLE E OF UPPER MEADOW, LONG-STREET RANCH AREA
W OF KAWICH PEAK, N KAWICH RANGE, STONE CABIN DRAINAGE

GENERAL SITE DESCRIPTION:

SPECIES DATA:

INFO SOURCE: BEATLEY. 1977C. T/E SPECIES ON NTS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, ADJ. TO NELLIS

PENSTEMON PUDICUS
BASHFUL BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1970 ELEVATION: 7500 COUNTY: NVNYEX
LAST OBSERVED : 1980-07-02 PRECISION: SC

TOWNSHIP/RANGE: 001N050E QUADNAME: KAWICH PEAK
SECTION: 08 TOWNSHIP COMMENT: SW4SW4

DIRECTIONS TO SITE:

HOT CREEK VALLEY. CA. 3 MI ESE OF KAWICH PEAK SUMMIT. ADJACENT TO ABANDONED
MILL IN EDEN CREEK VALLEY

GENERAL SITE DESCRIPTION:

SYMPHORIOCARPUS OREOPHILUS, PINUS MONOPHYLLA, AMELANCHIER LEDIFOLIUS,
CERCOCARPUS LEDIFOLIUS. IGNEOUS, SANDY LOAM MATRIX. ON STEEP WOODED N-FACING
SLOPES IN SEMI-SHADE.

SPECIES DATA:

20 INDIVIDUALS.

INFO SOURCE: NEESE & WELSH. 1980. RARE PLANT INVENTORY. BEATLEY'S TYPE LOCALITY?

OWNERSHIP/MGMT.: BLM/LAS VEGAS, ADJ. TO NELLIS

PENSTEMON PUDICUS
BASHFUL BEARDTONGUE

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: T

FIRST OBSERVED: 1970 ELEVATION: 7600 COUNTY: NVNYEX
LAST OBSERVED : 1970-06-15 PRECISION: SC

TOWNSHIP/RANGE: 001N050E QUADNAME: KAWICH PEAK
SECTION: 07 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

S & SE OF OLD MINING CAMP, EDEN CREEK DRAINAGE SE OF KAWICH PEAK. E SLOPE OF
N KAWICH RANGE. NW REVELLE VALLEY DRAINAGE

GENERAL SITE DESCRIPTION:

ARTEMISIA CERCOARPUS WOODLAND. ON STEEP TREELESS SLOPES.

SPECIES DATA:

COMMON.

INFO SOURCE: BEATLEY. 1977C. T/E PLANTS ON NTS.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, ADJ. TO NELLIS

PHACELIA BEATLEYAE
BEATLEY'S SCORPION WEED

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1971 ELEVATION: 4000 COUNTY: NVNYEX
LAST OBSERVED : 1971-04-29 PRECISION: SC

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

SOUTH FACE OF FRENCH PEAK, MASSACHUSETTS MTNS, NEVADA TEST SITE, N FRENCHMAN
FLAT

GENERAL SITE DESCRIPTION:

WITH PHACELIA, JUNIPER, COLEOGYNE, AMBROSIA, MENTZELIA REFLEXA, ATRIPLEX
HYMENELYTRA, LARREA. ON LOOSE TALUS AND ALONG WASHES IN CANYONS. RESTRICTED TO
BROWN VOLCANIC TUFF.

SPECIES DATA:

INFO SOURCE: HENIFIN. 1978. STATUS REPORT.

OWNERSHIP/MGMT.: DOE/TEST SITE

PHACELIA BEATLEYAE
BEATLEY'S SCORPION WEED

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1971 ELEVATION: 4200 COUNTY: NVNYEX
LAST OBSERVED : 1968-05-07 PRECISION: M

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
SW OF FRENCH PEAK, N FRENCHMAN FLAT

GENERAL SITE DESCRIPTION:
IN ATRIPLEX CONFERTIFOLIA. CONFINED TO CHOCOLATE-COLORED SOILS, ALONG WASHES
BELOW AND SW OF FRENCH PEAK.

SPECIES DATA:

INFO SOURCE: BEATLEY.

OWNERSHIP/MGMT.: DOE/TEST SITE

PHACELIA BEATLEYAE
BEATLEY'S SCORPION WEED

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1971 ELEVATION: 4000 COUNTY: NVNYEX
LAST OBSERVED : 1976-06-21 PRECISION: MO

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
NARROW CANYON OFF W SIDE OF SCARP WASH. 2.9 KM NE OF FRENCH PEAK, 0.6 KM E OF
NTS BOUNDARY, N FRECHNMAN FLAT DRAINAGE

GENERAL SITE DESCRIPTION:
IN ATRIPLEX-LARREA. ON TUFF OUTCROPS.

SPECIES DATA:
2 PLANTS OF CURRENT SEASON, STALKS OF LAST YEARS.

INFO SOURCE: ACKERMAN.

OWNERSHIP/MGMT.: USAF/NELLIS, DOE/TEST SITE

PHACELIA BEATLEYAE
BEATLEY'S SCORPION WEED

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1968 ELEVATION: 4000 COUNTY: NVNYEX
LAST OBSERVED : 1978-05-10 PRECISION: MO

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
RAYSONDES BUTTES, S END

GENERAL SITE DESCRIPTION:
WITH ATRIPLEX CONFERTIFOLIA. VOLCANIC BARE AREA.

SPECIES DATA:

INFO SOURCE: COCHRANE AND ACKERMAN 30259. ACKERMAN, T. 1981. T/E SPECIES ON
DESERT NWR.
OWNERSHIP/MGMT.: USFWS/DESERT NWR,USAF/NELLIS

PHACELIA BEATLEYAE
BEATLEY'S SCORPION WEED

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1978 ELEVATION: 5000 COUNTY: NVNYEX
LAST OBSERVED : 1978-03-19 PRECISION: S

TOWNSHIP/RANGE: 011S053E QUADNAME: PLUTONIUM VALLEY
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
S SLOPE OF FRENCH PEAK

GENERAL SITE DESCRIPTION:
ATRIPLEX-CHRYSOTHAMNUS-SALAZARIA VEGETATION WITH CAMISSONIA MEGALANTHA,
ASTRAGALUS FUNEREUS. STEEP VOLCANIC TUFF SCREE, RAINIER MESA MEMBER OF TIMBER
MTN FORMATION.
SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM #11821.

OWNERSHIP/MGMT.: DOE/TEST SITE

POLYGALA SUBSPINOSA VAR HETERORHYNCHA
SPINY MILKWORT

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: W

FIRST OBSERVED: 1985 ELEVATION: 6048 COUNTY: NVLINC
LAST OBSERVED : 1985-05-07 PRECISION: M

TOWNSHIP/RANGE: 006S055E QUADNAME: CATTLE SPRING
SECTION: 13 TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:
GROOM RANGE, CA. 110 KM W OF CALIENTE

GENERAL SITE DESCRIPTION:
WITH SCATTERED ARTEMISIA TRIDENTATA. ON VOLCANIC TUFF.

SPECIES DATA:

INFO SOURCE: MARR-SMITH. 1987. MADRONO. 34(4):382.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, USAF/NELLIS

SCLEROCACTUS SCHLESSERI
SCHLESSER'S PINCUSHION

PROTECTION STATUS
FEDERAL: C2 NRS: CY
NNNPS: W

FIRST OBSERVED: 1988 ELEVATION: 5000 COUNTY: NVLINC
LAST OBSERVED : 1988-10-13 PRECISION: SC

TOWNSHIP/RANGE: 001S067E QUADNAME: PANACA
SECTION: 25 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
ON MESA TOP TO WEST OF CATHEDRAL GORGE STATE PARK, JUST W OF DIRT RD ON MESA

GENERAL SITE DESCRIPTION:
IN GALLETA CLUMPS AND COLEOGYNE. SAND-FUNGUS ENCRUSTED SOILS.

SPECIES DATA:
1 PLANT NOTED.

INFO SOURCE: NAQUIN, DON. 1988. FIELD SITING - VERBAL COMMUNIQUE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, NSP

MONOCOTS

AGAVE UTAHENSIS VAR EBORISPINA
IVORY SPINED AGAVE

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1986 ELEVATION: 5080 COUNTY: NVCLAR
LAST OBSERVED : 1986-04-15 PRECISION: S

TOWNSHIP/RANGE: 022S058E QUADNAME: GOODSPRINGS
SECTION: 34 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

3.7 MI SE OF MOUNTAIN SPRING, NEAR CAMP POTOSI RD JCT, SPRING MTNS

GENERAL SITE DESCRIPTION:

PINYON-JUNIPER-OAK-YUCCA. EAST SIDE OF SANDSTONE BLUFFS, SANDY WASH.

SPECIES DATA:

INFO SOURCE: ATWOOD 11877A. UNLV HERBARIUM #25541.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

AGAVE UTAHENSIS VAR EBORISPINA
IVORY SPINED AGAVE

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1980 ELEVATION: 4400 COUNTY: NVCLAR
LAST OBSERVED : 1980-05-29 PRECISION: M

TOWNSHIP/RANGE: 017S058E QUADNAME: CORN CREEK SPRINGS NW
SECTION: 29 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

E LEE CYN, SPRING MTNS, CA 2 MI W OF HWY 95 (I-15)

GENERAL SITE DESCRIPTION:

LIMESTONE FOOTHILLS.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM #14569.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

AGAVE UTAHENSIS VAR NEVADENSIS
CLARK MOUNTAIN AGAVE

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1980 ELEVATION: 3600 COUNTY: NVLINC
LAST OBSERVED : 1980-05-29 PRECISION: M

TOWNSHIP/RANGE: 011S068E QUADNAME: DAVIDSON PEAK
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

BOTTOM OF PASS ON W SIDE BETWEEN E MORMON AND MORMON MTNS.

GENERAL SITE DESCRIPTION:

LIMESTONE ROCKS AND BOULDERS.

SPECIES DATA:

OCCASIONAL.

INFO SOURCE: UNLV HERBARIUM #14546.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

AGAVE UTAHENSIS VAR NEVADENSIS
CLARK MOUNTAIN AGAVE

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1980 ELEVATION: 4000 COUNTY: NVCLAR
LAST OBSERVED : 1980-05-26 PRECISION: M

TOWNSHIP/RANGE: 019S065E QUADNAME: MUDDY PEAK
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

MUDDY PEAK AND ADJACENT CANYONS, MUDDY MTNS

GENERAL SITE DESCRIPTION:

WITH FALLUGIA, SYMPHORIOCARPUS LEDIFOLIUS, CERCOCARPUS, ARTEMISIA. LIMESTONE CLIFFS.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM #16650.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

AGAVE UTAHENSIS VAR NEVADENSIS
CLARK MOUNTAIN AGAVE

PROTECTION STATUS
FEDERAL: 3C NRS: NONE
NNNPS: D

FIRST OBSERVED: 1938 ELEVATION: 5000 COUNTY: NVLINC
LAST OBSERVED : 1938-06-07 PRECISION: S

TOWNSHIP/RANGE: 011S068E QUADNAME: MOAPA PEAK NW
SECTION: U TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
HACKBERRY SPRING, MORMON MTN, 30 MI N OF MOAPA

GENERAL SITE DESCRIPTION:
LIMESTONE CLIFFS.

SPECIES DATA:

INFO SOURCE: TRAIN 1923. RENO HERBARIUM #3027.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

CALOCHORTUS STRIATUS
ALKALI MARIPOSA-LILY

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1901 ELEVATION: 2100 COUNTY: NVCLAR
LAST OBSERVED : 1905-04-29 PRECISION: G

TOWNSHIP/RANGE: 020S061E QUADNAME: LAS VEGAS NW
SECTION: 30 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:
NEAR LAS VEGAS

GENERAL SITE DESCRIPTION:
LOW ALKALINE MEADOWS AROUND SPRINGS.

SPECIES DATA:

INFO SOURCE: OWNBEY, M. 1940. ANN. MISS. BOT. GARD. 27(4):464.

OWNERSHIP/MGMT.: LV WATER DISTRICT, BLM?

CALOCHORTUS STRIATUS
ALKALI MARIPOSA-LILY

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1901 ELEVATION: 3700 COUNTY: NVCLAR
LAST OBSERVED : 1979- PRECISION: SC

TOWNSHIP/RANGE: 020S058E QUADNAME: LA MADRE MTN
SECTION: 36 TOWNSHIP COMMENT: W4

DIRECTIONS TO SITE:

CALICO SPRINGS, RED ROCK RECREATION LAND. W OF LAS VEGAS BY CA. 15 MI.

GENERAL SITE DESCRIPTION:

JURASSIC AGE SANDSTONE FORMATION, WITH MEADOW SURROUNDING SPRING AREA.

SPECIES DATA:

INFO SOURCE: NILES, W.E. 1979. UNLV HERBARIUM.

OWNERSHIP/MGMT.: BLM/LAS VEGAS, RED ROCKS RL

CALOCHORTUS STRIATUS
ALKALI MARIPOSA-LILY

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1980 ELEVATION: 3680 COUNTY: NVCLAR
LAST OBSERVED : 1980-05-08 PRECISION: S

TOWNSHIP/RANGE: 021S059E QUADNAME: LA MADRE MTN
SECTION: 06 TOWNSHIP COMMENT:

DIRECTIONS TO SITE:

RED ROCK RL, RED SPRING.

GENERAL SITE DESCRIPTION:

MOIST SOIL.

SPECIES DATA:

INFO SOURCE: UNLV HERBARIUM 15048. FISHER.

OWNERSHIP/MGMT.: BLM/RED ROCK CYN RL, LAS VEGAS

SELAGINELLA UTAHENSIS
UTAH SPIKE-MOSS

PROTECTION STATUS
FEDERAL: C2 NRS: NONE
NNNPS: W

FIRST OBSERVED: 1930 ELEVATION: 4700 COUNTY: NVCLAR
LAST OBSERVED : 1930-06-28 PRECISION: SC

TOWNSHIP/RANGE: 021S058E QUADNAME: BLUE DIAMOND SE
SECTION: U TOWNSHIP COMMENT: UNSURVEYED

DIRECTIONS TO SITE:

E BASE OF CHARLESTON (SPRING) MOUNTAINS. FOUND ON SANDSTONE LEDGE NEAR WATER
OF PINE CREEK, RED ROCK CANYON RECREATION AREA

GENERAL SITE DESCRIPTION:
ON SANDSTONES.

SPECIES DATA:

INFO SOURCE: JAEGER COLLECTION (US). PINZL, A. 1978. LETTER TO LELLINGER IN SP
ELEMENT FILE.

OWNERSHIP/MGMT.: BLM/LAS VEGAS

LOCATION: WYOMING
TAD 8744-802

PROTECTED BY STATE
WYOMING DEPARTMENT OF
NATURAL RESOURCES

DATE OBSERVED: 1970-01-15
LAST OBSERVED: 1970-01-15

ELEVATION: 1700
COUNTY: WYOMING

TOWNSHIP: LARGE: 011000
SECTION: 01

QUADRANT: WEST BOUNDARY
TOWNSHIP: 011000

GENERAL SITE DESCRIPTION:
ON SANDSTONE,
EAST OF CHALKSTONE (SANDSTONE) MOUNTAIN, TRAIL OF SANDSTONE LEADS NEAR WATER
OF PINE CREEK, RED SOCK CANYON RESERVATION AREA

SPECIES DATA

THIS SPECIES: SANDSTONE COLLECTION (SANDSTONE) TRAIL, A. 1970. LETTER TO THE DIRECTOR IS IN
RECORD FILE
RECORD NUMBER: 101111

THIS SPECIES: SANDSTONE COLLECTION (SANDSTONE) TRAIL, A. 1970. LETTER TO THE DIRECTOR IS IN