

APPENDIX E

Vegetation Mapping Polygons - Data Sheets

Feature ID: D-CBBS-01

Dominant species: ENCA

Associated species: DISP

Photos (loc., orient.): P-690, P-691

Notes (% coverage): 95% ENCA closed canopy, overlapping, 5% BG
5ft in from road recently disturbed/maintenance activities, understory DISP
open canopy 50cm

Feature ID: D-ABG-01

Dominant species: ABG, COFIL

Associated species: STIPUL over 10%, previously mapped

Photos (loc., orient.): p692, p693, p694

Notes (% coverage): 60% ABG, 20% Stipa, 20 COFI
ABG overlands into Stipa, HIIN spread throughout
several ENCA scrub, some ACGL

Feature ID: D-CBBS-02

Dominant species: ENCA

Associated species: ACGL, ABG

Photos (loc., orient.): P-695, P-696

Notes (% coverage): 85% ENCA, 5% ACGL, 10% ABG, Southern portion lower% ENCA
roadside ENCA recently maintained, open canopy 40cm
interior ENCA closed canopy with overlap, few gaps 20cm

Feature ID: UM-01

Dominant species: HIIN

Associated species: ISME, CEME, ABG, ACGL

Photos (loc., orient.): P-697

Notes (% coverage): isolated ENCA shrubs within polygon
80% HIIN, 10% ABG, 5% CEME, 5% ACGL
COMA within poly, access road with slurry

Feature ID: CBBS-CPPS-01

Dominant species: ENCA, OPLI

Associated species: ISAR, Cholla → CYPR

Photos (loc., orient.): P-698, P-699

Notes (% coverage): 80% ENCA, 10% OPLI, 5% CYPR, 5% ISAR
Undisturbed. closed canopy ENCA ~ 85cm

Feature ID: UM - 02

Dominant species: Mustard

Associated species: BAP1

Photos (loc., orient.): P-700

Notes (% coverage):

Feature ID: D-01

Dominant species: leaf litter, asphalt ~ 60%

Associated species: ACGL, CEME

Photos (loc., orient.): P-701, P-702

Notes (% coverage): scattered ENCA ~ 25cm height
near oil well 153

Feature ID: D-CPPS-01

Dominant species: OPL1 CYPR

Associated species: ISME

Photos (loc., orient.): P-703 15% ENCA

Notes (% coverage): 30% OPL, 30% CYPR, 15% ISME, 10% BG/ARG
road side, appears disturbed, not recent

Feature ID: D-CBBS-03

Dominant species: ENCA

Associated species: OPL1, HIIN

Photos (loc., orient.): P-704 - P-706

Notes (% coverage): 80% ENCA, 10% OPL1, 5% HIIN, 5% BG/Litter
D-ERBO on two sides poly is along ridge

Feature ID: D-02

Dominant species: ERBO

Associated species: CEME, ISME

Photos (loc., orient.): P-707

Notes (% coverage): 90% ERBO, 5% CEME, 5% ISM,
Scattered STPU <10%, Scattered ENCA
almost a mono-culture of ERBO

Feature ID: D-CBBS-04

Dominant species: ENCA

Associated species: ACGL

Photos (loc., orient.): P-709, P710

Notes (% coverage): highly disturbed near oil well pad 130
Some ENCA growing through slurry

Feature ID: D-CBBS-05

Dominant species: ENCA

Associated species: ISAR

Photos (loc., orient.): P-711, P-712

Notes (% coverage): previously mapped as MGBS, now dominated
by ENCA. Disturbed adjacent to oil well #140

Feature ID: D-CBBS-06

Dominant species: ENCA

Associated species: HIIN, DEFA, CEME

Photos (loc., orient.): P-713, P

Notes (% coverage): highly disturbed ENCA around oil well #140
regrowth due to no recent mowing/maintenance
large BG and asphalt/slurry areas adjacent

Feature ID: D-03

Dominant species: None

Associated species: CEMB, ENCA, BRMA, DEFA

Photos (loc., orient.):

Notes (% coverage):

Feature ID: D-04

Dominant species: CEME, HIIN

Associated species: ACGL, STPU, ISAR

Photos (loc., orient.): P 714, P 715

Notes (% coverage):

Feature ID: AWT-01

Dominant species: SALLAS

Associated species: SALEXI

Photos (loc., orient.):

Notes (% coverage): Riparian dominated by SALLAS w/ large
area of SALEXI as associated sp @ boundary
Closed canopy

Feature ID: D-05

Dominant species:

Associated species: HIIN, DISP, ISME

Photos (loc., orient.): P-723, P-724

Notes (% coverage):

Feature ID: D-CBBS-07

Dominant species: ENCA

Associated species: ABG, ACGL,

Photos (loc., orient.): P-718, P-719

Notes (% coverage): previously mapped as ruderal
~85% ENCA, pockets of other Alliances mapped w/ GPS

Feature ID: D-CBBS-08

Dominant species: ENCA

Associated species: P-726

Photos (loc., orient.):

Notes (% coverage): Previously mapped as Coyotebrush

Feature ID: CSS-01

Dominant species: ARCA

Associated species: BAPI

Photos (loc., orient.): P-725

Notes (% coverage): Previously mapped as coyotebrush

Feature ID:	CSS_02
Dominant species:	ARCA
Associated species:	ERFA
Photos (loc., orient.):	P-726
Notes (% coverage):	along property boundary, slope that is sloping towards south
Feature ID:	D-06
Dominant species:	AVBA
Associated species:	AVBA, DEFA, HIIN, ATSE, castor bean, wild radish, MEOR
Photos (loc., orient.):	P-727
Notes (% coverage):	highly disturbed
Feature ID:	D-07
Dominant species:	
Associated species:	
Photos (loc., orient.):	P-728
Notes (% coverage):	highly disturbed area adjacent to access road, evidence of recent mowing
Feature ID:	D-CBBS-08
Dominant species:	ENCA
Associated species:	Carpobrotus sp.
Photos (loc., orient.):	P-731
Notes (% coverage):	ENCA shrubs avg ~70cm, on eroded E-facing slope. ~75% ENCA coverage, 15% BG, 10% Carpobrotus. Disturbed due to erosion and non-irrigation. No evidence of maintenance
Feature ID:	D-CBBS-09
Dominant species:	ENCA
Associated species:	HEGR, HIIN, ISME, Carpobrotus
Photos (loc., orient.):	P-732
Notes (% coverage):	~60% ENCA, 20% HEGR, 10% HIIN, 10% BG

D-06
CSS-02
D-CBBS-07
AWT-01

D-CBBS-01
UM-02
CBBS-CBBS-01
D-ABG-01

Feature ID: D-08
Dominant species: P-735
Associated species: BASA, ENCA, ATLE, Myoporum, Caryobrotus
Photos (loc., orient.):
Notes (% coverage): Disturbed from presence of non-natives, but no sign of
maintenance. 30% ENCA, 30% BASA, 25% Caryobrotus, remainder BG
Average light ENCA = 70 cm. Within depressed, eroded area

ATLE,
Myoporum

Feature ID: MYP-01
Dominant species: MYLA
Associated species: Caryobrotus, BASA, ENCA,
Photos (loc., orient.): P-736
Notes (% coverage): 60% MYLA, 15% BASA, 15% Carpo, 5% ENCA

Feature ID: IPM-01
Dominant species: Caryobrotus
Associated species: BASA, ISME, MYLA, ENCA, ACGL
Photos (loc., orient.): P-737
Notes (% coverage): 75% Caryobrotus, 15% BASA, 5% ISME
5% other. Area has succeeded from GBS to IPM

Feature ID: CBBS-01
Dominant species: ENCA
Associated species: ISAR, ERFA
Photos (loc., orient.): P-738
Notes (% coverage): 90% ENCA, 5% ERFA, 5% ISAR
edge of low-lying eroded area in SE corner of site
Continuous closed canopy, avg ENCA height ~ 80 cm

Feature ID: CBBS-02
Dominant species: ENCA
Associated species: ISAR
Photos (loc., orient.): P-739
Notes (% coverage): 90% ENCA, 10% ISAR; avg ENCA hgt =
~ 60 cm. Canopy somewhat broken

Feature ID: D-CBBS-10

Dominant species: ENCA

Associated species: ACGL, ISAR

Photos (loc., orient.): P-740

Notes (% coverage): ~70% ENCA, 15% ACGL, 5% ISAR, 10% BG
open canopy, avg hgt ENCA = ~60cm; active maintenance adjacent

Feature ID: D-Ø8

Dominant species: _____

Associated species: ACGL, HIIN, ERBO, ISME, Carpobrotus, Brames, AMPS

Photos (loc., orient.): P-741, P-742

Notes (% coverage): 30% ACGL, 20% Carpobrotus, 10% ISME,
20% BG, 20% other
ground disturbed; evidence on mowing

Feature ID: D-09

Dominant species: _____

Associated species: ACGL, Brames, AMPS, HIIN, Avena, CEME, Carpobrotus

Photos (loc., orient.): P-743, P-744

Notes (% coverage): Mowed area - obvious recent signs; avg hgt ~2
veg = ~5cm. Coverage very mixed between noted spp.

Feature ID: D-CBBS-11

Dominant species: ENCA

Associated species: Carpobrotus, BASA, ACGL, BAPI

Photos (loc., orient.): P-746

Notes (% coverage): 50% ENCA, 20% Carpobrotus, 10% BG, 10% BASA,
5% BAPI, 5% other

Feature ID: IPM-02

Dominant species: Carpobrotus

Associated species: BASA, ENCA

Photos (loc., orient.): Carpobrotus = 60%, BASA = 15%, BG = 20% → P-745

Notes (% coverage): _____

transsect?
Feature ID: D-10

Dominant species: HIIN

Associated species: AVBA, CAPY, ACGL, RARA, STPU, MAVU

Photos (loc., orient.): P-747

Notes (% coverage): 80% AVBA/HIIN, 20% other

Densely vegetated - multiple erosional features

transsect?
Feature ID: D-CBBS-12

Dominant species: ENCA

Associated species: ISAR, GNCA, HIIN, Bromes, STPU (several)

Photos (loc., orient.): P-748

Notes (% coverage): Encroaching from adjacent D-CBBS into Brome "Rudora"
80% ENCA

Feature ID: D-CBBS-13

Dominant species: ENCA

Associated species: ISAR, HIIN, Bromes

Photos (loc., orient.): P-749, P-750

Notes (% coverage): 60% ENCA, 20% HIIN, 10% Bromes, 5% ISAR
Adjacent to road and maintained area

Feature ID: CBBS-CPPS-02

Dominant species: ENCA, OPLI

Associated species: ERFA, CYPR

Photos (loc., orient.): P-751

Notes (% coverage): Southwest facing bluff slope, some erosion
undisturbed CBBS & CPPS, some CAED

Feature ID: D-CBBS-CPPS-01

Dominant species: ENCA/OPLI

Associated species: Cholla, Carpobrotus, ISMR, ISAR, ERFA, MIGL, RICO, FOUU

Photos (loc., orient.): P-752

Notes (% coverage): 80% ENCA/OPLI, 5% ISAR, 15% misc. Carpobrotus
Myoporum polygas adjacent and internal

Feature ID: D-CBBS-14

Dominant species: ENCA

Associated species: HIIN, MAW, AMPS, Brones, HEGR, Carpobrotus

Photos (loc., orient.): P-753, P-754, P-755

Notes (% coverage): 70% ENCA, 15% HIIN, 5% AMPS, 10% other
disturbed because high % non-natives; open canopy; includes
small dirt berm. Adjacent to paved road

Feature ID: D-11

Dominant species:

Associated species: Carpobrotus, MYLA, COSE, BAPI, BASA, HEGR, DISP, ENCA, JSME

Photos (loc., orient.): P-756

Notes (% coverage): 30% Carpo, 10% MYLA, 10% BAPI, 5% BASA, 5% COSE, 10% DISP, 5% other
High amount of non-natives, portion cleared recently (5% JSME)
dirt berm along wedge, paved rd to E.

Feature ID: D-CBBS-15

Dominant species: ENCA

Associated species: ISAR, Carpobrotus, OPLI

Photos (loc., orient.): P-757

Notes (% coverage): 55% ENCA, Carpo 25%, ISAR 5%, OPLI 5%, BG 10%
Eroded slope, very open canopy, high concentration Carpo.

Feature ID: D-12

Dominant species:

Associated species: ENCA, ISAR, HEGR, HIIN, CEHE

Photos (loc., orient.): P-758, P-759

Notes (% coverage): 30% ENCA, 40% BG, HIIN 10%, ISAR 5%, 15% Brones, etc
Evidence of past mowing; adjacent to paved rd. But adj to CBBS-CPPS
ENCA may be reestablishing

Feature ID: CBBS-CPPS-03

Dominant species: OPLI / ENCA

Associated species: FOVU, ISAR, CYPR

Photos (loc., orient.): P-760

Notes (% coverage): 90% ENCA/OPLI, 5% ISAR, 5% CYPR

6-19-12

Feature ID: C BBS-CPPS-04

Dominant species: ENCA (OPL)

Associated species: HIIN, FOU

Photos (loc., orient.): P-761

Notes (% coverage): ENCA 95%, HIIN 5%. Area connects two larger areas of C BBS-CPPS and is thus mapped as continuous with those. Previously mapped "Ruderal" but ENCA apparently has grown in from both sides

Feature ID: DVL P-01

Dominant species: NONE

Associated species: none

Photos (loc., orient.): P-762

Notes (% coverage): Previously mapped as ruderal, but now entirely bare/graded. Well @ edge of area may be new.

Feature ID: D-13

Dominant species:

Associated species: CEMB, HONU, ENCA, ATSE, BRHO, ISME, RUCR, FOU, EUC

Photos (loc., orient.): P-763 HIIN

Notes (% coverage): ENCA 10%, HIIN 15%, RUCR 10%, CEMB 15%, FOU 5%, HONU/Bromes 35%
Some ENCA regrowth in western portion. Changed from NMG because of predominance of forbs.

Feature ID: D-C BBS-16

Dominant species: ENCA

Associated species: HIIN, AMPS, Bromes, DISP (minimal)

Photos (loc., orient.): P-764

Notes (% coverage): 70% ENCA, HIIN 10%, AMPS 10%, BG 10%
North portion shows signs of mowing, and includes scattered ENCA; S portion shows no signs of mowing, and has nearly closed ENCA canopy

Feature ID: D-14

Dominant species:

Associated species: ERBO, ISME, HIIN, RUCR, STPU, AMPS, ACGL, Bromes

Photos (loc., orient.): P-765, P-766

Notes (% coverage): ERBO 25%, HIIN 15, Bromes 15, and misc.

Feature ID: D-CBBS-17

Dominant species: ENCA

Associated species: HIIN, ISAR

Photos (loc., orient.): P-767

Notes (% coverage): 80% ENCA, 10% HIIN, 5% ISAR Heavily eroded slope
Not previously mapped as CBBS. Disturbed because somewhat open canopy,
plus non-native HIIN, combined as D-CBBS w/ adj. area prev mapped as such

Feature ID: D-CBBS-CPPS-05

Dominant species: ENCA / OPLI

Associated species: ISAR, CYPR, SATR, MEGR, HIIN

Photos (loc., orient.): P-764

Notes (% coverage): 90% ENCA / OPLI, 5% ISAR, 5% BG.
Mostly closed canopy; low concentration non-natives, mostly around small
bare area. Slope facing south toward riparian. Adj to large CPPS polygon to east.

Feature ID: D-15

Dominant species: DEFA

Associated species: HIIN, CAPY, HEGR, ISME, MEIN, BRMA, CEMB, ENCA

Photos (loc., orient.): P-769

Notes (% coverage): 45% DEFA, remaining is mixture, including 15% BG
ENCA = ~1%, 10-15 cm tall

Feature ID: D-CBBS-CPPS-06

Dominant species: ENCA / OPLI

Associated species: CYPR, ISAR

Photos (loc., orient.): P-770

Notes (% coverage): 90% ENCA / OPLI, 5% CYPR, 5% ISAR.
Closed canopy, no significant non-native component, avg
hgt of ENCA = 80cm; Some OPLI and CYPR extends above ENCA canopy.

Feature ID: D-CBBS-18

Dominant species: ENCA

Associated species: OPLI, ISAR, HIIN, ISME, HEGR, CEMB, Brumes

Photos (loc., orient.): P-771 || Closed canopy area is narrow (20ft) and small

Notes (% coverage): 65% ENCA, 10% OPLI, 5% ISAR, 5% HIIN, 5% BG,
100% non-native mix. Closed canopy in about 30% of polygon, with
avg ENCA hgt of 60cm; Open canopy of 30-40 cm elsewhere and evidence of

D-14
DVLP-01
CBBS-CPPS-04
D-CBBS-17

D-CBBS-CPPS-01
IPM-02
CBBS-02
MYP-01

Page 11 of 24

CSS-02
AWT-01
D-CPPS-01
UM-02

D-ABG-01

obvious main-
tenance adjacent
includes new
ENCA

Feature ID: D-16

Dominant species: None

Associated species: ERBO, ENCA, HIIN, CEME, DEFA, ACGL, Bromes, STPU

Photos (loc., orient.): P-772, P-773, P-774

Notes (% coverage): decid Bromes/CEME/ERBO = ~ 70%, ENCA = 5%, BG = 10%,
remaining is mixture of active and non-active. Evidence of maintenance,
ENCA does not exceed 55 cm and is mostly 520 cm.

Feature ID: D-17

Dominant species:

Associated species: ERBO, Bromes, DEIN, FOUU, ISME, ENCA, HIIN, STPU, ERFA

Photos (loc., orient.): P-775, P-776

Notes (% coverage): 30% ERBO, 25% Bromes, 15% leaf litter, 5% ENCA, 5% ISME,
5% HIIN, 5% BG; Forb dominant, mostly non-native; ENCA growing mostly
to south, on oil pad; scattered, avg 25 cm

Feature ID: D-018

Dominant species: None

Associated species: ERBO, HIIN, CEME, ENCA, MAVU, FRSA, ISME, SATR

Photos (loc., orient.): P-777, P-778

Notes (% coverage): HIIN 20%, BG 20%, ENCA 15%, CEME 15%, remaining is misc
Avg hgt of ENCA is 25 cm; potential for regrowth, but currently scattered,
small plants

Feature ID: D-019

Dominant species: None

Associated species: CEME, ACGL, OPLI, ERBO, ISME, HIIN

Photos (loc., orient.): P-779

Notes (% coverage): 15% OPLI, 25% ACGL, 20% HIIN, 15% ERBO, 15% CEME, 15% BG
Avg hgt of OPLI = 430; max = 40 cm; scattered. Area 5% ISME
shows signs of obvious maintenance

Feature ID: D-CBBS-19

Dominant species: ENCA

Associated species: HIIN, ISME, STPU, ISAR, CEME

Photos (loc., orient.): P-780

Notes (% coverage): ENCA 65%, ISME 20%, BG 15%, 10% misc
Avg hgt of ENCA 250 cm; max 40 cm; open canopy, very open
in places

Feature ID: D-20

Dominant species: none

AMPS, HOKU MECK, ENCA

Associated species: ERBO, CEME, HIIN, DEFA, ISME, MAVU, BRMA, BRHO, RUCR, Avena, STPU

Photos (loc., orient.): P-781, P-782, P-783

Notes (% coverage): ERBO, CEME, HIIN, DEFA are dominant over portions; non-native grasses
dominant in smaller area in middle of polygon

Feature ID: D-21

Dominant species: none

Associated species: AUBA, ERBO, AMPS, CEME, BRHO, GRCA, HEGR, RUCR, HIIN, STPU, BRMA

Photos (loc., orient.): P-784

Notes (% coverage): AUBA, ERBO, AMPS, GRCA dominant over stretches; BRHO widespread
but never dominant; 10% BG; STPU widespread.
AUBA ~ 15% coverage; Bromes ~ 5% coverage

Feature ID: D-22

Dominant species: none

Associated species: ISME, ACGL, ERBO, DEFA, HIIN, COSE, CEME, HEGR, STPU

Photos (loc., orient.): P-785

Notes (% coverage): Maintained in recent yrs; No ENCA, few grasses
HIIN, ISME, ERBO, CEME are most prevalent spp.; 10% BG

Feature ID: D-CBBS-20

Dominant species: ENCA

Associated species: AUBA, OPLI, HIIN, ACGL, bromes, GRCA

Photos (loc., orient.): P-807

Notes (% coverage): ENCA 60%, ACGL 15%, HIIN 5%, OPLI 5%, unk tree 5%, 5% Bromes
Open canopy, interspersed w non-native; signs of regrowth (formerly mapped
as NNG). ENCA avg hgt = 50 cm

Feature ID: D-23

Dominant species: none

Associated species: ENCA

Photos (loc., orient.): P-808

Notes (% coverage):

Feature ID: D-24

Dominant species: none

Associated species: CEME, bromes, ERBO, ISME, HIIN, AMPS, HECU, DEFA

Photos (loc., orient.): P-810, p-811

Notes (% coverage): dominated by forbs - CEME, ERBO, DEFA, ERBO with $\leq 20\%$ grasses. Past maintenance, but possibly not for several yrs. Approx 20' x 20' ENEA patch re-establishing

Feature ID: D-25

Dominant species: ISME (None)

Associated species: CEME, bromes, HIIN, DEFA, AMPS

Photos (loc., orient.): P-812

Notes (% coverage): ISME 30%, CEME 20% AMPS 10%, BG & Misc 40%. Obvious signs of maintenance. ISME max hgt 50 cm; avg 30 cm.

Feature ID: D-26

Dominant species:

Associated species: unk A, DEFA, AMPS, HIIN, ENXA, SAME

Photos (loc., orient.): P-813

Notes (% coverage): DEFA 25% unk A 30%, HIIN 10%, BG 15%; others $\leq 5\%$

2 approx 10' x 10' patches of ENXA where evidence of maintenance; 20' x 20' patch of black sage, undisturbed. One ENEA patch around active pipeline. Most maintenance, however, at road.

Feature ID: D-27

Dominant species:

Associated species: AMPS, unk-A, HIIN, DEFA, bromes, RUCR, BASA, ENXA, STPW ($<1\%$) ACGL ($<1\%$)

Photos (loc., orient.): P-814, P-815, P-816, P-817 OPLI ($<1\%$) BG 11%

Notes (% coverage): Large area in active oil field w/ wells and pipelines. Some STPW maintained. $\leq 5\%$ isolated OPLI plants. Isolated 20' x 20' ENXA patch on active pipeline. Widespread evidence of maintenance around pipes and wells.

Feature ID:

Dominant species:

Associated species:

Photos (loc., orient.):

Notes (% coverage):

Additional scattered OPLI in actively maintained area; ≤ 45 cm, around pipelines.

Grassland transects taken in this area.

D-23
D-CBBS-20
CBBS-CPPS-06
DVLP-01

D-CBBS-CPPS-01
IPM-02
CBBS-02
MYP-01

Page 4 of 24

CSS-02
AWT-01
D-CPPS-01
UM-02

D-ABG-01

Feature ID: Dp 6015 - 01

Dominant species:

Associated species: HIIN, HECU, RICO, BASA, NIGL, ARDO, bromes, MYLA, ISME

Photos (loc., orient.): P-818, P-819, P-823

Notes (% coverage): HIIN/BG = 85% (HIIN $\leq$ 50% overall)

Feature ID: Pile - 01

Dominant species:

DEFA

Associated species: HIIN, STVI, ISME, NIGL, BAPI, MEGR, HEGR, AHPS, BASA, CAED

Photos (loc., orient.): P-820, P-821, P-822

Notes (% coverage): Contaminated earth from remediation; HIIN, BG, STVI combined = 80%
Otherwise, a variety of mostly non-natives

Feature ID: D- CBBS 21

Dominant species: ENCA

Associated species: HIIN, CEME

Photos (loc., orient.): P-824

Notes (% coverage): ENCA 75%, HIIN 15%, BG 5%, Disturbed because of open canopy
in majority of area w/ high % BG & HIIN. Area is part of larger mosaic of
scrub habitats in area previously mapped as MNG & RUD. Did not do transect because of active CAGN farm in
area and potential habitat change.

Feature ID: D- CBBS 22

Dominant species: ENCA

Associated species: HIIN, bromes

Photos (loc., orient.): P-826

Notes (% coverage): ENCA maybe $<$ 50%; avg hgt 25 cm, max 35 cm. Previously
mapped as ESC (CBBS) but now showing obvious signs of maintenance (mowing). Adjacent
to oil pad and partly covering active pipeline, which is otherwise covered by adjacent CBBS.

Feature ID:

Dominant species:

Associated species:

Photos (loc., orient.):

Notes (% coverage):

Adjacent areas of CBBS, CPPS
(previously mapped as ornamental) and
D- CBBS, complex of communities suitable
for CAGN. Pipeline cuts through
complex. Check of adjacent D- CBBS
mapped as "MNG."

Feature ID: D-CBBS-CPPS-02

Dominant species: ENCA/OPLI

Associated species: ISMZ, HIIN, browes, COSE

Photos (loc., orient.): P-827

Notes (% coverage): ENCA/OPLI 65%, COSE 15%, BG 10%, remainder 10%

Along and partly covering active pipeline. (see photo). Likely post maintenance, but no obvious recent sign; ENCA 45 cm avg.

Feature ID: D-28

Dominant species: none

Associated species: HIIN, ENCA, DEFA

Photos (loc., orient.): P-828

Notes (% coverage): ENCA 20%, HIIN 30%, BG 20%, litter 15%, DEFA 5%

Previously mapped as disturb ES (CBBS), but likely subject to maintenance.

Low % ENCA w/ max height 45 cm; lots of non-native and BG coverage

Feature ID: D-29

Dominant species: none

Associated species: ENCA, STPU, HIIN, AVBA, AMPS, browes, ISAR, RUCR, DEFA, ERBO

Photos (loc., orient.): P-830, P-831, P-832

Notes (% coverage): No species exceeds 20% cover. ENCA ~5%, Highly varied area w/ pockets of ENCA. Low terrace edge w/ thin strip of disturbed ENCA is adjacent to terrace w ~20% ENCA averaging ~30 cm. Likely maintained occasionally

Feature ID: D-30

Dominant species: none

Associated species: COSE, SCTE, ENCA, ISMZ, MYO

Photos (loc., orient.): P-833

Notes (% coverage): ENCA 20%, COSE 25%, SCTE 30%, MYO 5%, ISMZ 5%, BG 5%, EKCA 5%

Previously mapped as disturbed ES (CBBS), but mostly SCTE and COSE; small area of ENCA is open and max 50 cm.

Feature ID: D-31

Dominant species: none

Associated species: ACGL, ENCA, COSE, CAED, ISAR, DPLT, ISMZ, FOVU

Photos (loc., orient.): P-834

Notes (% coverage): No dominant, 5% COSE, CAED 15%, BG 10%. ACGL @ 15%, is most common native. Formerly mapped d-coastal bluff scrub.

Feature ID: D-32

Dominant species: none

Associated species: CAED, HIIN, DEFA, BASA, OPLI

Photos (loc., orient.): P-835, P-836,

Notes (% coverage): No transect since hard to get one representative of diverse areas. Formerly mapped as part of disturbed sou. coastal bludp scrub, most of which is extent down slope. Area is on terrace top, adjacent to abandoned

Feature ID:

Dominant species: well in actively maintained area.

Associated species: 20% HIIN, 25% CAED, 10% ENCA (open canopy, narrow

Photos (loc., orient.): strip, max 75 cm), 25% BG & leaf litter

Notes (% coverage):

Feature ID: debris-02

Dominant species: none

DEFA CAED, NIGL

Associated species: HIIN, CAED, FOUU, ENCA, COSK, MYLA, Accia, BASA, BAPI, RICO,

Photos (loc., orient.): P-837, P-838, P-839

Notes (% coverage): HIIN 30%, BG 30%, DEFA 5%, CAED 10%, ENCA 5%

Feature ID: debris-03

Dominant species: none

Associated species: CAED, HIIN, BAPI, ENCA, COSK, RICO, DEFA, ISAR, HEGR

Photos (loc., orient.): P-840, P-841

Notes (% coverage): CAED 30%, BG 25%, ENCA 10%, HIIN 10%, RICO 5%

20' x 30' patch of Bldg house ENCA on S side of poly, max 75 cm.

CAGN seen in BASA in area.

Feature ID: debris-04

Dominant species:

Associated species: Accia, HIIN, CAED, BASA, MYLA, ENCA

Photos (loc., orient.): P-842, P-843, P-844

Notes (% coverage): CAED, BG, MYLA = 65%, BASA = 10%, ENCA = 5%, HIIN = 5%

Feature ID: D-CBBS-MFT-01
 Dominant species: P-844, P-845
 Associated species: ENCA/BASA
 Photos (loc., orient.): BAPI, CAED, FOVU, HIIN, MYLA
 Notes (% coverage): ENCA & BASA = 80% combined, BAPI 5%, BG 5%, misc = 10%
ENCA areas narrow, but closed canopy, avg hgt 80 cm; BASA & BAPI
avg 225 cm

Feature ID: UM-03
 Dominant species: HIIN
 Associated species: CAED, ENCA, OPLI, CYCA
 Photos (loc., orient.): P-847
 Notes (% coverage): 70% HIIN, 10% OPLI, 5% CAED, 5% ENCA, 10% BG
Previously mapped CBBS-CYS. Active pipeline (rarity) @ west end; possibly
maintained in recent yrs, except mature (to 150 cm) OPLI left standing. CAED in adj
area

Feature ID: UM-04
 Dominant species: HIIN
 Associated species: DIFA, ENCA, CEME
 Photos (loc., orient.): P-844
 Notes (% coverage): HIIN = 90%, BG = >5%, misc <5%

Feature ID: D-33
 Dominant species: None
 Associated species: ENCA, HIIN, ERBO, bromes, HEGR, CEME,
 Photos (loc., orient.): P-849, P-850, P-851
 Notes (% coverage): HIIN 35%, BG 15%, ENCA <5%
Area of ENCA is ~ 60' x 60', but shrubs avg 20 cm w/ msn = 30;
ENCA = 30% in densest area.

Feature ID: D-34
 Dominant species: None
 Associated species: ENCA, HIIN, bromes, CEME, ERBO
 Photos (loc., orient.): P-852
 Notes (% coverage): Previously mapped D-CBBS, but shows signs of maintenance,
w/ clear border to taller, remaining ENCA, adjacent. 30% ENCA, 20% HIIN,
15% BG, large areas of litter. Tallest ENCA = 45 cm.

Feature ID: D-MFT-CPPS-01

Dominant species: BASA, OPLI

Associated species: HIIN, ISAR, Pampas grass, ABG

Photos (loc., orient.): P-862

Notes (% coverage): MFT/CPPS on west slope, adjacent to IPM
40% BASA, 40% OPLI, CAGN observed in BASA

Feature ID: D-35

Dominant species:

Associated species: ENCA, HIIN, ACGL, ISMB, RICO, COFI

Photos (loc., orient.): P-863, P-864

Notes (% coverage): 23% ENCA, 20% ACGL, 15% HIIN, 5% COFI, 5% RICO
5% CAGD, 5% ISMB; remaining = BCG & litter

Feature ID: D-CBBS-MFT-02

Dominant species: BASA, ENCA

Associated species: HIIN, ISAR, HEGR, OPLI

Photos (loc., orient.): P-865

Notes (% coverage): 35% ENCA, 35% BASA, 25% HIIN, 5% other
D per large area of HIIN

Feature ID: D-36

Dominant species: none

Associated species: bromes, DISP, AMPS, HECU, HEGR, DEFA, ERBO, STPU

Photos (loc., orient.): P-866, P-867

Notes (% coverage): Bromes, AMPS = 7500% combined; HIIN, DISP (small patches)
HECU are widespread. High % BCG. Recent maintenance obvious. Avg light grasses =
3 in; max = 8".

Feature ID: D-37

Dominant species: none

Associated species: Bromes, STPU, AMPS, ERBO, HIIN, ANAR, FRSA

Photos (loc., orient.): P-868

Notes (% coverage): Bromes, AMPS, STPU 10-20% each. 15%+ BCG. Remaining ~30% m/s.
Grasses avg ~ 3". Max = 8". Obviously matted.

6/22/2012

Feature ID: D-38

Dominant species: none

Associated species: Bromes, ERBO, PRSA, ISME, HEGR, AMPS, HECU, HIIN, DEFA, DISP, STPU

Photos (loc., orient.): P-869

Notes (% coverage): Bromes, ISME, AMPS, HIIN, ERBO comprise 60% of veg; IS-30% BG.
Most of area obviously maintained, except for unmowed strip down middle along
abandoned pipeline route. Avg hgt of grasses in mowed area = 3", Max = 6".

Feature ID: D-39

Dominant species: ISME, STPU

Associated species: ERBO, HUMU, AUBA, HIIN, SATR, bromes, CEME, MEGR, DEFA

Photos (loc., orient.): P-870, P-871

Notes (% coverage): ERBO, bromes, HUMU, BC = 80% cover

Feature ID: D-40

Dominant species: none

Associated species: HIIN, AMPS, ENCA, CEME, bromes, CAPY

Photos (loc., orient.): P-872, P-873

Notes (% coverage): 30% litter/BG, 15% HIIN, 10% ENCA, 10% CAPY, 10% AMPS
10% CEME.

Feature ID: D-41

Dominant species: none

Associated species: HIIN, ENCA, HEGR, ISME, COFI, bromes

Photos (loc., orient.): P-874, P-875

Notes (% coverage): 15% ENCA, 10% HEGR, 5% ISME, 10% bromes, 5% COFI
DEFA 5%, 15% BG. Previously mapped D-mule fat/golden bush.

Feature ID: D-42

Dominant species: none

Associated species: HIIN, ENCA, DEFA, CAPY, HEGR, ISME

Photos (loc., orient.): P-876

Notes (% coverage): ENCA ~10%, HIIN 15%, DEFA 5%, CAPY 5%, HEGR 5%,
ISME 5%, BG 15%. Some regrowth of ENCA; Avg hgt ENCA = 20",
max = 50.

Feature ID: D_43

Dominant species: none

Associated species: ENCA, HIIM, ISME, DEFA, CEME, NECU, ACGL

Photos (loc., orient.): P-879

Notes (% coverage): Prev mapped as part of disturbed Encelia/Isocoma polygonifolia (actually CBBS), but has been mowed. ENCA regrowth evident, but sparse, @ 20%; ISME 5%, HIIM 15%, BG 25%

Feature ID: MFT_01

Dominant species: BASA

Associated species:

Photos (loc., orient.): P-880

Notes (% coverage): Appears to be nearly pure stand of BASA, but previously mapped as Encelia/B. Salicifolia scrub. Stand is 3 meters or higher @ max. Surrounded by CBBS-CPPS and CBBS

Feature ID: D_44

Dominant species: none

Associated species: DEFA, ENCA, ISME, HIIM, FOUU

Photos (loc., orient.): P-881

Notes (% coverage): Formerly mapped as "CBS/HFS" (MABS-MFT), but obviously mowed. Veg averages 8-10 cm throughout, w/ some HIIM to 25cm. ENCA widely dispersed, but only 5% and never exceeding 20cm. 35% BG

Feature ID: CBBS-CPPS_07

Dominant species: ENCA/OPAI

Associated species:

Photos (loc., orient.): P-882, P-883, P-900

Notes (% coverage): Previously mapped "mesquite succulent scrub." Pipeline now runs through portion of polygon (photos), with clearing; otherwise in tact.

Feature ID: D_45

Dominant species: none

Associated species: ACGL, CAED, BASA, ENCA, MYLA, COSE, ISME

Photos (loc., orient.): P-884, P-885

Notes (% coverage): ACGL 30%, 30% CAED, 5% BASA, <5% ENCA, 20% BG

Formerly mapped as Encelia/B. salicifolia (disturbed), but neither species is @ >5% coverage. Highly disturbed area w/ CAED, ACGL, and BG accounting for 80% of area

Feature ID: D-46
Dominant species: none
Associated species: ISMRE, ENCA, ACGL, HIIN
Photos (loc., orient.): P-886, P-887
Notes (% coverage): Previously mapped "disturbed/developed." Area 70% vegetated, including some ENCA ($\leq 10\%$) and ISMRE ($\leq 10\%$). Adjacent to CBBS.

Feature ID: D-47
Dominant species: none
Associated species: ISMRE, DEFA, HEGR, ACGL, MEIN
Photos (loc., orient.): P-888, P-889
Notes (% coverage): Formerly "ES/QBS" (CBBS-MQBS), part of larger area. Habitat since removed (grading) and some ISMRE regrowing but very little ENCA. 15% ISMRE (to 80 cm max), 5% ACGL, 50% BG, HEGR 5%

Feature ID: D-48
Dominant species: none
Associated species: HIIN, RICO, ISAR, ENCA, HECU, ACLO
Photos (loc., orient.): P-890, P-891
Notes (% coverage): < 5% ENCA (avg 75 cm, max 100 cm), in 1 m wide strip. 30% HIIN, 30% RICO, 15% ISAR.

Feature ID: DVLP-02
Dominant species: none
Associated species: ENCA, CEMB, HIIN
Photos (loc., orient.): P-892
Notes (% coverage): 85% BG/1, 1st, 5-10% ENCA (avg = 30 cm). Possibly cleared to access utility pole.

Feature ID: D-649
Dominant species: none
Associated species: ACLO, COSE, BASA, ISAR, ENCA
Photos (loc., orient.): P-893, P-894
Notes (% coverage): ACLO 35%, COSE 5%, BASA 10%, ENCA 10%, BG 20%, braves 5%. Formerly mapped D-BS (D-CBBS), but little ENCA. Invasives and BG are majority. No transect because of terrain.

ACLO = *Acacia Longidolia*

Feature ID: D-50

Dominant species: none

Associated species: CADY, HIIN, BASA

Photos (loc., orient.): P-899

Notes (% coverage): 90% HIIN/CADY, $\geq 5\%$ BG, $\leq 5\%$ BASA
Previously part of larger D-ES (D-CBBS) polygon. Almost entirely
invasive non-natives.

Feature ID: D-51

Dominant species: none

Associated species: ACGL, COSE, BASA

Photos (loc., orient.): P-901, P-902

Notes (% coverage): Area is 50% eroded slope w/ 50% BG, plus CAED, CUSL
and some grasses; 50% flat lowlands w/ 65% ACGL, 20% BG, plus
BASA, CAED, etc. Overall ~1% ENCA.

Feature ID: ABG-01

Dominant species: none

Associated species: STPU, AVBA, bromes, ENCA, HIIN, CEME, ISME

Photos (loc., orient.): P-903

Notes (% coverage): 75% grasses (STPU, bromes, AVBA), 5% ENCA (70 cm max),
plus ISME, CEME, etc. Previously mapped "Invasive / unmanageable"

Feature ID: D-52

Dominant species: none

Associated species: ISME, CEME, HEAR, DEFA, NIQL, HIIN, bromes

Photos (loc., orient.): P-904

Notes (% coverage): ISME 25%, CEME, bromes, HIIN ~10% each, NIQL 10%,
BG 30%.

Overgrown road bed/pad.

Feature ID: D-CBBS-22

Dominant species: ENCA

Associated species: HIIN, ISME, FOVV

Photos (loc., orient.): P-905

Notes (% coverage): ENCA = 55%, BG = 25%, HIIN and other non-natives majority
of remainder. between rd and abandoned (verify) pipeline. Previously
mapped w/ large maritime succulent scrub area.

Avg height of ENCA is 35cm; max is 60cm. Very open canopy.

Feature ID: D-CBBS-23

Dominant species: ENCA

Associated species: HIIN, CEME, ISME

Photos (loc., orient.): P-906

Notes (% coverage): 50% ENCA, 15% BG, 35% CEME/HIIN. $\checkmark$

ENCA height mostly between 15cm and 50cm. Max = 80cm. Very open canopy. Previously part of ES (CBBS) poly, but likely maintained in past.

Feature ID: D-CBBS-24

Dominant species: ENCA

Associated species: bromes, HIIN, CAED, ERER

Photos (loc., orient.): P-907

Notes (% coverage): ENCA ~ 55%, patchy, open, 30% bromes, 15% other. Avg ENCA height 40 cm; max 60 cm.

Feature ID: D-53

Dominant species: none

Associated species: bromes, ENCA, CEME, ISME, COFI, CAED, AUBA, HIIN

Photos (loc., orient.): P-908

Notes (% coverage): Previously mapped as "ES" (CBBS). 85% bromes, AUBA, non-woody herbs. 5% ENCA. Scattered ENCA shrubs avg 60cm, w max = 100 cm.

Feature ID: D-54

Dominant species: none

Associated species: ERBU, DEFA, HIIN, AMPS, COFI, ACGL, ISME

Photos (loc., orient.): P-909

Notes (% coverage): Mapped as "ES" (CBBS), but no ENCA present. Grasses and herbs mostly ≤ 15 cm.

Feature ID: _____

Dominant species: _____

Associated species: _____

Photos (loc., orient.): _____

Notes (% coverage): _____

Feature ID: D-41 originally collected 6/21/12 ENCA poor
Dominant species: none D-M
Associated species: see notes
Photos (loc., orient.): P-363
Notes (% coverage): Coverage, max, avg: <10%. ENCA max 1.0m avg 0.2m
10% HEGR max 1.5m avg 0.7m 5% ISME max 0.5 avg 0.3
lacks closed canopy cover, <60% total ground cover

Feature ID: D-40 originally collected 6/21/12 ENCA good
Dominant species: none small area
Associated species: see notes D-M-CBBS
Photos (loc., orient.): P-364
Notes (% coverage): Coverage, max, avg: <10%. ENCA max 0.6 avg 0.2
10% AMPJ max 1.2 avg 0.6, Acacia 5% cover = 3.0m tall
shrubs lack closed canopy

Feature ID: D-55 ENCA poor
Dominant species: none D-M
Associated species: see notes
Photos (loc., orient.): P-365, P-366
Notes (% coverage): <5% ENCA max 0.3 avg 0.1, <5% ISME max 0.8
avg 0.4 ground cover Bromes & Erodium
shrubs lack closed canopy

Feature ID: D-4b originally collected 6/22/12 ENCA poor
Dominant species: none D-M
Associated species: see notes
Photos (loc., orient.): P-367
Notes (% coverage): <10% ENCA max 0.7 avg 0.3, <10% ISME max 0.8 avg 0.5
<5% HEGR max 0.9 avg 0.6, 15% ACAL max 0.7 avg 0.4
shrubs lack closed canopy

Feature ID: D-56 ENCA good
Dominant species: none medium area
Associated species: see notes D-M-CBBS
Photos (loc., orient.): P-368
Notes (% coverage): <10% ENCA max 0.7 avg 0.4 new growth, <10% ISME
max 0.7 avg 0.3, CAGN heard adj. MFT. Appears as though portion of area
could regrow to D-CBBS in 1 to 2 years. Shrubs lack closed canopy

Feature ID:	D-35	originally collected 6/21/12	D-M D-M-CBBS
Dominant species:	none		
Associated species:	see notes		
Photos (loc., orient.):	P-369 = D-M. P-370 = D-M-CBBS		
Notes (% coverage):	area $\approx$ 5-10' from road maintained = D-M. area further from road D-M-CBBS: 23% ENCA, 20% ACGL 5% COFI, 5% RICO ENCA max 0.7 avg 0.5		
Feature ID:	D-57		
Dominant species:	none		
Associated species:	Mustard, BASA, CAED, FOVU, OPLI, ISME, ENCA		
Photos (loc., orient.):	P-371		
Notes (% coverage):	large complex polygon. Should be broken into smaller polygons. CAGN heard in MFT adj. Unable to max % determinations		
Feature ID:	D-33	originally collected 6/21/12	D-M
Dominant species:	none		
Associated species:	see notes		
Photos (loc., orient.):	P-372		
Notes (% coverage):	overall polygon $<$ 5% ENCA max 0.6 avg 0.2 scattered BASA. If mapped to smaller mapping unit also D-M-CBBS shrubs lack closed canopy. Large complex polygon. Should make smaller polygons		
Feature ID:	D-58		D-M-CBBS ENCA poor large area
Dominant species:	none		
Associated species:	see notes		
Photos (loc., orient.):	P-373		
Notes (% coverage):	$\approx$ 25% ENCA max 0.4 avg 0.2 shrubs lack closed canopy		
Feature ID:	D-29	originally collected 6/21/12	D-M
Dominant species:	none		
Associated species:	see notes		
Photos (loc., orient.):	P-374		
Notes (% coverage):	$<$ 5% ENCA max 0.5 avg 0.2, $<$ 5% ISME max 0.6 avg 0.4, $<$ 5% HEGR max 1.2 avg 0.8, $<$ 5% AMPJ max 0.4 avg 0.2 shrubs lack closed canopy. BG, litter, ABC		

Feature ID: D-28 originally collected 6/21/12 D-M-CBBS
Dominant species: none
Associated species: see notes
Photos (loc., orient.): P-375
Notes (% coverage): 20% ENCA max 0.3 avg 0.2
lacks closed shrub canopy

Feature ID: _____
Dominant species: _____
Associated species: _____
Photos (loc., orient.): _____
Notes (% coverage): _____

Feature ID: _____
Dominant species: _____
Associated species: _____
Photos (loc., orient.): _____
Notes (% coverage): _____

Feature ID: _____
Dominant species: _____
Associated species: _____
Photos (loc., orient.): _____
Notes (% coverage): _____

Feature ID: _____
Dominant species: _____
Associated species: _____
Photos (loc., orient.): _____
Notes (% coverage): _____

Feature ID:	47
Dominant species:	BG (70%), GWA (20%)
Associated species:	
Photos (loc., orient.):	
Notes (% coverage):	Most of area cleared and graded - i.e. ^{up to} 5 ft of earth (vertical) removed and transported out. photo 1448
Feature ID:	54
Dominant species:	ISME (20%)
Associated species:	ENCA (5%), maximum 30 cm
Photos (loc., orient.):	2
Notes (% coverage):	Sp - 1461 (82%)
Feature ID:	57
Dominant species:	
Associated species:	
Photos (loc., orient.):	1466 (340)
Notes (% coverage):	< 5% ENCA, 70% BG, w/ mixture of Erodium (10%), HTIN (10%), and other species @ < 5%
Feature ID:	60
Dominant species:	DEFA (70%)
Associated species:	HTIN (15%), other annuals
Photos (loc., orient.):	1471 (293°)
Notes (% coverage):	
Feature ID:	D-13
Dominant species:	
Associated species:	ENCA (10%) - avg = 45 cm
Photos (loc., orient.):	
Notes (% coverage):	

Feature ID:	67
Dominant species:	
Associated species:	
Photos (loc., orient.):	1489 (95°)
Notes (% coverage):	<3% ENCA; HIIN, ISME, DEFA are dominant, w/ 5% BG.
Feature ID:	70
Dominant species:	
Associated species:	
Photos (loc., orient.):	1495 (12°)
Notes (% coverage):	AMPS, HIIN, and annual forb cover, <5% ENCA (avg = 20cm) ISHB ↓
Feature ID:	73
Dominant species:	
Associated species:	
Photos (loc., orient.):	1500 (117°)
Notes (% coverage):	10-15% ENCA - avg = ~12cm; also CAED, DEFA, HIIN
Feature ID:	
Dominant species:	
Associated species:	
Photos (loc., orient.):	
Notes (% coverage):	
Feature ID:	
Dominant species:	
Associated species:	
Photos (loc., orient.):	
Notes (% coverage):	

Feature ID: 01

Dominant species: _____

Associated species: _____

Photos (loc., orient.): _____

Notes (% coverage): road goes through part of polygon. open canopy
even in area of densest shrubs.

Feature ID: 02

Dominant species: _____

Associated species: _____

Photos (loc., orient.): _____

Notes (% coverage): Formerly ~~map~~ mapped as CBBS, but moved since
June. Most "L" refers to remains of ENCA

Feature ID: _____

Dominant species: _____

Associated species: _____

Photos (loc., orient.): _____

Notes (% coverage): _____

Feature ID: _____

Dominant species: _____

Associated species: _____

Photos (loc., orient.): _____

Notes (% coverage): _____

Feature ID: _____

Dominant species: _____

Associated species: _____

Photos (loc., orient.): _____

Notes (% coverage): _____

APPENDIX F

Vegetation Mapping Transects - Data Sheets

Feature ID: D-ABG-01			Feature ID: D-01		
Transect GPS Points:			Transect GPS Points:		
	Shrub species:	Shrub height (cm):		Shrub species:	Shrub height (cm):
0	CEME		0	SELAG (corolla)	
1	BRHO		1	"	
2	GRCA		2	leaf litter	
3	BRHO		3	ACGL	
4	"		4	ENCA	14
5	GRCA		5	HEGR	
6	ERBO		6	leaf litter	
7	BRMA		7	"	
8	ENCA	10	8	ACGL	
9	ENCA	70	9	leaf litter	
10	ENCA	68	10	HEGR	87
11	BRMA		11	BG	
12	HIIN		12	"	
13	"		13	GNCA	
14	"		14	thatch	
15	BRMA		15	BG	
16	BRMA		16	"	
17	BRHO		17	HIIN	
18	HIIN		18	"	
19	"		19	BG	
20	BRMA		20	ACGL	
21	"		21	BG	
22	COFI		22	"	
23	ACGL		23	leaf litter	
24	HIIN		24	HIIN	
25	BRHO		25	BG	
26	COFI	100	26	"	
27	"	45	27	"	
28	"	69	28	"	
29	"	80	29	"	
30	"	71	30	ACGL	
			31	BG	
			32	"	
			33	"	
			34	CEME	
			35	leaf litter	
			36	"	
			37	ACGL	
			38	BG	
			39	"	
			40	ACGL	
			41	leaf litter/sphelt	
Photos (loc. orient.): Start 692; end-693			Photos (loc. orient.): P-701, P-702		
Notes (canopy openness):			Notes (canopy openness):		
p694					

42	cont.	
43	ACGL	
44	asphalt	
45	"	
46	ENEA	15
47	BG	
48	BG	
49	ACGL	
50	ENCA	36

Feature ID: D-CBBS-03

Transect GPS Points:

Shrub species:

Shrub height (cm):

ENCA

70

"

"

"

50

BG

-

BG

-

HIIN

60

ENCA

30

EVCA

30

leaf litter

BG

ENCA

30

OPLI

ACGL

ENCA

25

ACGL

litter

BG

"

ACGL

Photos (loc. orient.):

p705(E)

p706(S)

Notes (canopy openness):

Feature ID: D-02

Transect GPS Points:

Shrub species:

Shrub height (cm):

BG

ERBO

"

BG

ERBO

"

litter

CEME

BG

ERBO

"

"

litter

ERBO

litter

ERBO

CEME

ERBO

ACGL

20

litter

CEME

ERBO

litter

ERBO

litter

ERBO

Photos (loc. orient.):

P.707(S)

P.708(E)

Notes (canopy openness):

D_02 (cont)

42

ERBO

43

44

45

46

47

48

49

1:1:1:1

COFI

ENCA

15

Feature ID: <u>D-CBBS-04</u>		Feature ID: <u>D-CBBS-05</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 BG		BG	
1 Litter		ENCA	50
2 ENCA	15		30
3 Litter		Litter	
4 ENCA	20	ENCA	35
5 Litter			45
6 ENCA	5		50
7 "	15	ISAR	35
8 "	30	ENCA	50
9 "	30		70
10 Litter			35
11 "			80
12 "			55
13 BG			95
14 ERBO			
15 ENCA	30		
16 Litter			
17 ENCA	25		
18 BG			
19 Litter			
20 ENCA	35		
21 Litter			
22 "			
23 ERBO			
24 ENCA	20		
25 "	30		
26 Litter			
27 Litter			
28 "			
29 ENCA	25		
30 Litter			
31 ENCA	25		
32 BG			
33			
34			
35 asphalt			
36			
37 ENCA	15		
38 Litter			
39 ENCA	20		
40	25		
41	25		
Photos (loc. orient.): <u>P-709, P-710</u>		Photos (loc. orient.): <u>P-711, P-712</u>	
Notes (canopy openness):		Notes (canopy openness):	

D-CBBS-04

42	ENCA	30
43	BG	
44		
45	ENCA	30
46	BG	
47	ENCA	35
48	asphalt	
49	BG	
50	ENCA	5

Feature ID:	D-CBBS-06	Feature ID:	D-04
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
ENCA	10	BG	
BG		CEME	
ENCA	25	I	
CEME		Quercus sp	
ENCA	45	CAMP	
ENCA	50	litter	
BG		I	
litter		ABG	
I		litter	
ENCA	40	I	
	65	STPU	
	20	ABG	
	25	ACGL	50
BG		STPU	
		litter	
		BG	
		I	
		ENCA	15
		I	25
		BG	
		ISAR	40
		I	100
		ABG	
		litter	
		ISNE	30
		COFI	30
		I	20
		ABG	
		BG	
		HIIN	115
		ACGL	35
		litter	
Photos (loc. orient.):	P-713, 8717	Photos (loc. orient.):	P714, P715
Notes (canopy openness):		Notes (canopy openness):	P-716 (overall)

Feature ID: D-CBBS-07		Feature ID: D-03	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 ENCA	30	DEFA	
1 litter		litter	
2 ENCA	25	CEME	
3 ENCA	30	litter	
4 I	30	BG	
5 BG		CEME	
6 ENCA	35	BG	
7 I	30	ENCA	35
8 I	25	BRMA	
9 BG		CEME	
10 ENCA	25	I	
11 litter		ENCA	40
12 ENCA	20	I	50
13 BG		CEME	
14 ENCA	10	BG	
15 BG			
16 ENCA	40		
17 DISP			
18 litter			
19 CEME			
20 DISP			
21 AGL	30		
22 DISP			
23 AGL	20		
24 ENCA	10		
25 litter			
26 BG			
27 DISP			
28 I			
29 ENCA	20		
30 DISP			
31 ENCA	40		
32 CEME			
33 DISP			
34 DEFA			
35			

Photos (loc. orient.): P718(S), P719(E) Photos (loc. orient.): P720(S), P721(E)

Notes (canopy openness): Notes (canopy openness): P722 (cover 11)

6/18/12
6/19/12

Feature ID: D-65	Feature ID: D-07
Transect GPS Points:	Transect GPS Points:
Shrub species: Shrub height (cm):	Shrub species: Shrub height (cm):
0 HIIN 70	litter
1 I 60	ISNE
2 DISP	CENE
3 HIIN 75	Caryobrotus
4 ABG	I
5 litter	litter
6 DISP	BG
7 BNCA 40	I
8 DISP	ERBO
9 BG	litter
10 I	DISP
11 I	ERBO
12 DISP	I
13 BG	litter
14 DISP	BG
15 ABG	I
16 ISNE 20	ERBO
17 BG	litter
18 DISP	DISP
19 I	litter
20 BG	Caryobrotus
21 ABG	litter
22 ACGL 25	DISP
23 ABG	litter
24 ISNE 30	ERBO
25 I 60	litter
26 ABG	DISP
27 litter	ERBO
28 ISNE 35	litter
29	I
30	BG
31	litter
32	CENE
33	I
34	litter
35	ABG
36	CENE
37	I
38	DEFA
39	I
40	CENE
41	
Photos (loc. orient.): P-723(s), P-724(e)	Photos (loc. orient.): P-724(s), P-725(e)
Notes (canopy openness):	Notes (canopy openness):
	P-730

D-07 (cont)

42	CEMR
43	DEFA
44	litter
45	BG
46	DEFA
47	BG
48	litter
49	BG
50	BG

Feature ID: <u>D-C 1335-09</u>	Feature ID: <u>D 09</u>
Transect GPS Points:	Transect GPS Points:
Shrub species:	Shrub species:
Shrub height (cm):	Shrub height (cm):
0 <u>ENCA</u>	<u>litter</u>
1 <u>I</u>	<u>ACGL</u>
2 <u>I</u>	<u>HTIN</u>
3 <u>BG</u>	<u>litter</u>
4 <u>ENCA</u>	<u>ACGL</u>
5 <u>I</u>	<u>litter</u>
6 <u>I</u>	<u>ACGL</u>
7 <u>I</u>	<u>BG</u>
8 <u>HEGR</u>	<u>ISMB</u>
9 <u>I</u>	<u>BG</u>
10 <u>ENCA</u>	<u>litter</u>
11 <u>HEGR</u>	<u>I</u>
12 <u>litter</u>	<u>ACGL</u>
13 <u>ENCA</u>	<u>BG</u>
14 <u>litter</u>	<u>ACGL</u>
15 <u>ENCA</u>	<u>litter</u>
16 <u>litter</u>	<u>ISMB</u>
17 <u>HTIN</u>	<u>BG</u>
18	<u>ACGL</u>
19	<u>I</u>
20	<u>BG</u>
21	<u>ACGL</u>
22	<u>BG</u>
23	<u>litter</u>
24	<u>I</u>
25	<u>ACGL</u>
26	<u>litter</u>
27	<u>ABG</u>
28	<u>litter</u>
29	<u>I</u>
30	<u>ERBO</u>
31	<u>ACGL</u>
32	<u>I</u>
33	<u>HTIN</u>
34	<u>BG</u>
35	<u>litter</u>
36	<u>ACGL</u>
37	<u>litter</u>
38	<u>I</u>
39	<u>ACGL</u>
40	<u>litter</u>
41	
Photos (loc. orient.): <u>P-733(s) P-734(e)</u>	Photos (loc. orient.): <u>P-741(s), P-742 (E)</u>
Notes (canopy openness):	Notes (canopy openness):

D08 (cont.)

42

AGGL

43

litter

Page 8 of 16

D-CBBS-13 (cont)

42	ISAR	30
43	ENCA	20
44		45
45	ISAR	40
46	litter	
47	ENCA	35
48		10
49	BG	
50	litter	

Feature ID: D-12		Feature ID: D-14	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
1 ENCA	5	0-AMP	
2 BG		ABC	
3 ENCA	5	ERBO	
4 ISAR	25	AMPs	
5 litter		BG	
6		litter	
7		ABC	
8 ABC		litter	
9 BG		litter	
10		ABC	
11 ENCA	20	ERBO	
12 BG			
13 ENCA	5	litter	
14 litter			
15			
16 BG		BG	
17 ENCA	15	litter	
18 BG		ISME	
19 ENCA	5	BG	
20 BG		BG	
21			
22 CEMB		ERBO	
23 litter		BG	
24 BG			
25 ABG		ERBO	
26 ENCA	15	litter	
27 litter		ISME	
28 CEMB		BG	
29		STPU	
30		ERBO	
31		ISME	
32		litter	
33		ERBO	
34			
35		litter	
36		ERBO	
37		litter	
38		ERBO	
39		litter	
40		ISME	
41		litter	
42		BG	
Photos (loc. orient.): P-758(S), P-759(E)		Photos (loc. orient.): P-765(S), P-766(E)	
Notes (canopy openness):		Notes (canopy openness):	

D-141 (cont.)

43	litter	
44	ENCA	20
45	FRSA	
46	1	
47	ISMR	
48	litter	
49	ABC	
50	1	

Feature ID: D-16	Feature ID: D-17
Transect GPS Points:	Transect GPS Points:
Shrub species: Shrub height (cm):	Shrub species: Shrub height (cm):
0 CAED	litter
1 CEME	ABG
2 litter	ERBO
3 ERBO	DEFA
4 litter	ABG
5 ABG	litter
6 STPU	BG
7 ERBO	litter
8 litter	ERBO
9 litter	litter
10 ACGL	litter
11 litter	ERBO
12 ERBO	litter
13 litter	litter
14 HIIN	litter
15 ERBO	litter
16 ENCA 10	litter
17 BG	litter
18 litter	litter
19 ENCA 15	litter
20 litter	litter
21 litter	litter
22 BG	litter
23 ENCA 25	litter
24 litter 40	litter
25 litter	litter
26 litter	litter
27 ENCA 25	litter
28 litter	litter
29	litter
30	litter
31	litter
32	litter
33	litter
34	litter
35	litter
36	litter
37	litter
38	litter
39	litter
40	litter
41	litter
Photos (loc. orient.): P-772(S), P-773(E)	Photos (loc. orient.): P-775(S), P-776(E)
Notes (canopy openness): transect includes more ENCA than is typical of polygon	Notes (canopy openness):

42	ERBO
43	ABC
44	1
45	litter
46	1
47	HIIN
48	CEME
49	litter
50	ERBO

Feature ID: D-18		Feature ID: D-20	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 HIIN		HIIN	
1		litter	
2			
3		CEME	
4 litter		HIIN	
5		BG	
6			
7		litter	
8 ENCA	15	BG	
9 litter		HIIN	
10 HIIN		litter	
11 ERBO		HIIN	
12 litter		litter	
13 HIIN			
14		CEME	
15 litter		ERBO	
16 ENCA	40	litter	
17	30	ERBO	
18 BG		litter	
19 ENCA	30	CEME	
20 BG		litter	
21		CEME	
22		litter	
23 litter		BG	
24 CEME		litter	
25 ENCA	20	CEME	
26 CEME		litter	
27 HIIN			
28		ABG	
29 CEME		BG	
30 litter		litter	
31 CEME		CEME	
32		litter	
33 litter			
34 ENCA	15	BG	
35	20	ERBO	
36 litter		ABG	
37 ENCA	15	litter	
38	25		
39 BG			
40		CEME	
41 CEME			
Photos (loc. orient.): P-777(S), P-778(E)		Photos (loc. orient.): P-781(S), P-782	
Notes (canopy openness):		Notes (canopy openness):	

D-18 (cont)

D-20 (cont)

42	litter	litter
43	CEME	ABG
44	ERBO	BG
45	litter	HIIN
46	HIIN	BG
47	ABG	HIIN
48	litter	ERBO
49	I	BG
50	HIIN	HIIN

Feature ID: <u>D-23</u>	Feature ID: _____	
Transect GPS Points: _____	Transect GPS Points: _____	
Shrub species: _____	Shrub species: _____	
Shrub height (cm): _____	Shrub height (cm): _____	
0	ENCA	15
1		15
2	litter	
3	ENCA	10
4	litter	
5	I	
6	HIIN	
7	DISP	
8	CEME	
9	litter	
10	DISP	
11	I	
12	ERBO	
13	HIIN	
14	BG	
15	ERBO	
16	litter	
17	HIIN	
18	ERBO	
19	litter	
20	ACGL	
21	ENCA	25
22	CEME	
23	ACGL	
24	DEFA	
25	ENCA	35
26	DEFA	
27	ENCA	50
28	HIIN	
29	CEME	
30	BG	
31	ENCA	20
32	DEFA	
33	BG	
34	I	
35	I	
36	litter	
37	ENCA	30
38	litter	
39	I	
40	ENCA	20
41	CEME	
Photos (loc. orient.): <u>P-808(S) P-809(E)</u>	Photos (loc. orient.): _____	
Notes (canopy openness): _____	Notes (canopy openness): _____	

Cont. →

D_23 (cont)

- 42 litter
- 43 CBME
- 44 1
- 45 ISME
- 46 litter
- 47 GRCA
- 48 ERBO
- 49 CBME
- 50 DISP

Feature ID: D-28		Feature ID: D-33	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 HIIN		litter	
1		1	
2		BG	
3 ENCA	10	ERBO	
4 BG		BG	
5 HIIN		CEME	
6 litter		1	
7 BG		APX	
8 1		ENCA	10
9 litter		ERBO	
10 1		HIIN	
11 HIIN		ENCA	10
12 litter		BG	
13 BG		ENCA	30
14 litter		BG	
15 BG		1	
16 ENCA	20	ENCA	5
17 HIIN		BG	
18 BG		litter	
19 1		1	
20 ENCA	10	CEME	
21 litter		ENCA	5
22 BG		BG	
23 1		litter	
24 litter		CEME	
25 ENCA	15	ENCA	15
26 litter		BG	
27 DEFA		CEME	
28 BG		BG	
29 ENCA	30	1	
30		litter	
31		1	
32		HIIN	
33		1	
34		litter	
35		HIIN	
36		litter	
37		BG	
38		ENCA	30
39		litter	
40		HIIN	
41			
Photos (loc. orient.): P-828(S), P-829(E)		Photos (loc. orient.): P-849(S), P-850(E), P-851	
Notes (canopy openness):		Notes (canopy openness): transect chosen to show high amount of ENCA compared to other areas w/in D-33	

Feature ID: D-35		
Transect GPS Points:		
Shrub species:	Shrub height (cm):	
0 ENCA	45	
1 COFI		
2 CAED		
3 HIIN		
4 ISME	80	
5 COFI		
6 ENCA	40	
7 BG		
8 ISME	35	
9 ACGL		
10 I		
11 HIIN		
12 I		
13 litter		
14 ENCA	50	
15 litter		
16 HIIN		
17 HIIN		
18 ENCA	50	
19 ENCA	65	
20 ACGL		
21 litter		
22 HIIN		
23 RICO		
24 litter		
25 I		
26 ACGL		
27 ENCA	50	
28 litter		
29 I		
30 BG		
31 I		
32 ENCA	40	
33 I	40	
34 ACGL		
35 HIIN		
36 ACGL		
37 ENCA	60	
38 I	50	
39 litter		
40 ENCA	45	
41 I	60	
Photos (loc. orient.): P-863(S), P-864(E)		
Notes (canopy openness): CAGAs heard nearby		

Feature ID: D-39		
Transect GPS Points:		
Shrub species:	Shrub height (cm):	
CEME		
ERBO		
litter		
ERBO		
litter		
CEME		
litter		
ABG		
ABG		
ERG		
litter		
ERBO		
I		
I		
HOMU		
litter		
I		
I		
ERBO		
litter		
HOMU		
CEME		
ABG		
ERBO		
I		
I		
CEME		
HOMU		
ERBO		
I		
CEME		
HOMU		
ABG		
ERBO		
I		
litter		
BG		
ERBO		
CEME		
HIIN		
litter		
I		
Photos (loc. orient.): P-870(S), P-871(E)		
Notes (canopy openness):		

D-35 (cont)

412 ACGL

413 litter

414 ACGL

415 CAED

416

417

418

419

50

D-39 (cont)

CHCO

ABG

1

HIIN

litter

BG

HOMU

BG

litter

Feature ID: <u>D-40</u>	Feature ID: <u>D-41</u>
Transect GPS Points: _____	Transect GPS Points: _____
Shrub species: _____ Shrub height (cm): _____	Shrub species: _____ Shrub height (cm): _____
0 Litter	Litter
1	1
2 BG	ENCA 20
3 ABG	1 15
4 ENCA 25	Litter
5 ABG	CEMB
6 CAPY	ERBO
7 HIIN	Litter
8	BG
9 AMPS	1
10 CAPY	ABG
11	COFI
12 AMPS	Litter
13	CAPY
14 Litter	Litter
15 CAPY	BG
16 RUCK	ENCA 25
17 Litter	HIIN
18 HIIN	HEGR
19 BG	Litter
20 ENCA 20	CEME
21 Litter	
22 ENCA 5	
23 HIIN	
24	
25 Litter	
26 CEMB	
27 Litter	
28 CEMB	
29 BG	
30	
Photos (loc. orient.): <u>P-872(S), P-873(E)</u>	Photos (loc. orient.): <u>P-874(S), P-875(E)</u>
Notes (canopy openness): _____	Notes (canopy openness): _____
	Transect captures maximum ENCA

Feature ID: <u>D-46</u>	Feature ID: _____
Transect GPS Points: _____	Transect GPS Points: _____
Shrub species: _____ Shrub height (cm): _____	Shrub species: _____ Shrub height (cm): _____
0 Litter	
1 CEME	
2 ACGL	
3 BASA	
4 Litter	
5 ACGL	
6 I	
7 BG	
8 DEFA	
9 CEME	
10 I	
11 Litter	
12 ENCA 40	
13 BG	
14 ENCA 30	
15 I 50	
16 BG	
17 I	
18 Litter	
19 ISME 60	
20 BG	
21 ISME 70	
22 Litter	
23 ISME 70	
24 BG	
25 I	
26 HIIN	
27 CEME	
28 ISMR 45	
29 BG	
30 BG	
31 I	
32 HIIN	
Photos (loc. orient.): <u>P-886(S), P-887(E)</u>	Photos (loc. orient.): _____
Notes (canopy openness): _____	Notes (canopy openness): _____

Feature ID:	D-M-CBBS-01	Feature ID:	← continued
Transect GPS Points:	D-M-CBBS-01-start -end	Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
L	-	42 L	
L	-	43 ENCA	24
ENCA	27	44 ENCA	29
BG	-	45 L	
L	-		
ENCA	23		
ENCA.	21		
BG	-		
L	-		
ENCA.	3		
L	-		
ENCA	22		
L	-		
ENCA	35		
ENCA 8	ACGL 66 HIIN 40		
HIIN 57	ACGL 48		
L	-		
L	-		
L	-		
ENCA	10		
ENCA	11		
L	-		
ENCA	17		
ENCA	19		
ENCA	4		
ENCA	3		
ENCA.	21		
ENCA	101		
HIIN	56		
HIIN	25		
ENCA	11		
L	-		
ENCA 8	HIIN 19		
ENCA	2		
L	-		
ENCA	5		
L	-		
ENCA	49		
L	-		
ENCA	47		
ENCA	21		
ENCA	41		
Photos (loc. orient.):	S-1350 - 150 S-1351 330	Photos (loc. orient.):	
Notes (canopy openness):	25/46 ENCA = 54% ENCA average height 21 cm	Notes (canopy openness):	

GPS File NBR2012-11-09

[illegible]

Feature ID: 01	Feature ID: 02
Transect GPS Points:	Transect GPS Points:
Shrub species:	Shrub species:
Shrub height (cm):	Shrub height (cm):
0 BG	L
1 L	L
2 CEME	ENCA 10
3 L	L
4 ENCA 38	ENCA 19
5 " 34	L
6 L	L
7 CDFI 63	L
8 grass	ENCA 2
9 CEME	L
10 L	ENCA 2
11 L	L
12 L	ENCA 3
13 HIIN 40	L
14 BG	L
15 NIGL 110	L
16 L	L
17 L	L
18 CEME	L
19 L	L
20 BG	L
21 L	L
22 L	L
23 ISME 33	L
24 L 22	L
25 HIIN 35	ENCA 4
26 L 31	L 15
27 ISME 80	L
28 L 84	L
29 L 88	ENCA 15
30 L 95	L
31 L 76	L
32 L	L
33 CEME	BG
34 L	L
35 L	ENCA 10
36 ISME 68 (ENCA-33)	L
37 ENCA 22	BG
38 L	L
39 ISME 20	L
40 L	ENCA 2
41 L	L
Photos (loc. orient.): 1354(S)355°/1355(E)	Photos (loc. orient.): 1357(S)-340°/1356(E) -155
Notes (canopy openness): 180	Notes (canopy openness):

Feature ID: 03			Feature ID: 04		
Transect GPS Points:			Transect GPS Points:		
	Shrub species:	Shrub height (cm):		Shrub species:	Shrub height (cm):
0	L			L	
1	BG				
2	L				
3	HIIN	25		MIEN	
4	ENCA	10		grass	
5	L			L	
6					
7	HIIN	38			
8	L				
9	BG			ATSE	
10					
11	L				
12	BG				
13					
14	L				
15	BG			grass	
16	HIIN	22		L	
17	L				
18				grass	
19				L	
20	ENCA	10		BG	
21		12		L	
22	L			COFI	
23	ENCA	35		L	
24	HIIN	25			
25	ENCA	55		grass	
26		50			
27		65			
28		54		ATSE	
29	HIIN	30		BG	
30	ENCA	40		ATSE	
31		46		L	
32		60			
33		57		BG	
34	OPLI	23		L	
35	ENCA	36		ATSE	
36	L			BG	
37				L	
38					
39					
40				ENCA	10
41				L	
Photos (loc. orient.): 1358(S)-330°/1359(E)-150°			Photos (loc. orient.): 1360(S)-208°/1361(E)-18°		
Notes (canopy openness): rough / main lined area thru middle of poly. less maintained area w/ ENCA is southern part of poly			Notes (canopy openness): Lots of visible maintained ENCA no end of transect		

more data
on back



04 (cont)

42

BG

43

L

44

L

45

ENCA - 4

46

L

47

BG

48

L

1362-280 - brush pile from
clearing / maintenance

Page 4 of 34

Feature ID: 08	Feature ID: _____
Transect GPS Points: _____	Transect GPS Points: _____
Shrub species: Shrub height (cm):	Shrub species: Shrub height (cm):
0 L	
1 L	
2 ACGL	
3 L	
4 L	
5 ACGL	
6 BG	
7 ACGL	
8 BG	
9 L	
10 L	
11 L	
12 BG	
13 L	
14 ENCA 4	
15 L	
16 L	
17 L	
18 BG	
19 ACGL	
20 L	
21 L	
22 L	
23 L	
24 ACGL	
25 L	
26 L	
27 HIIN 66	
28 L	
29 L	
30 L	
31 HIIN 41	
32 ENCA 31	
33 L	
34 L	
35 BG	
36 L	
37 L	
38 L	
39 L	
40 L	
41 COSE 62	
Photos (loc. orient.): 1369(S)-347°/1370(E)-175°	Photos (loc. orient.): _____
Notes (canopy openness): _____	Notes (canopy openness): _____

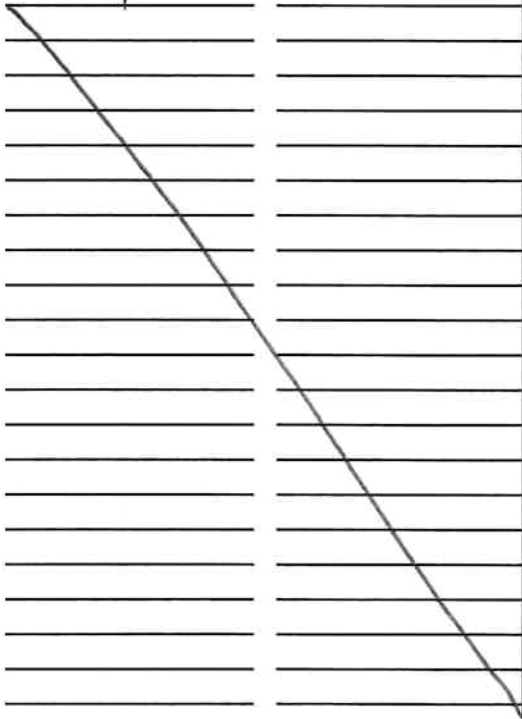
Feature ID: 09		Feature ID: 09 (cont.)	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
6 L		ENCA	34
1 I		L	
2 ISME	8	ACGL	
3 L		BG	
4 BG		ACGL	
5 CRME		BG	
6 L		I	
7 I		CAED	
8 I		I	
9 I		ACGL	
10 I		I	
11 BG		I	
12 ACGL		L	
13 BG		BG	
14 ACGL		L	
15 BG		ACGL	
16 BASA	135	L	
17 L		ACGL	
18 ACGL		L	
19 ENCA	53	ACGL	
20 I	27	L	
21 I	52	I	
22 ACGL		ACGL	
23 BASA	239	I	
24 BG		BG	
25 BASA	268	ACGL	
26 I	258	I	
27 I	173	I	
28 I	127	L	
29 BG		BASA	121
30 I		I	16
31 HEGR		ACGL	
32 ENCA	49	BG	
33 BG			
34 I			
35 I			
36 I			
37 I			
38 I			
39 CARD			
40 I			
41 ACGL			

Photos (loc. orient.): 1372(S)-59°/1373(E)-240°

Notes (canopy openness):
 Open canopy; Did not capture
 eroded slope w/in polygon

Photos (loc. orient.):

Notes (canopy openness):

Feature ID: 10			Feature ID: 10 (cont.)		
Transect GPS Points:			Transect GPS Points:		
Shrub species:	Shrub height (cm):		Shrub species:	Shrub height (cm):	
0	Grass		COSR	158	42
1	L		I	100	43
2	BG		BASA	21	44
3	L		I	96	45
4	I		I	158	46
5	I		L	160	47
6	I		L		48
7	I		I		49
8	BG		BG		50
9	L		L		51
10	HIIN	84	CAED		52
11	L		I		53
12	I		L		54
13	I		COMA	98	55
14	I		COSR	72	56
15	I		BG		57
16	BASA	104	I		58
17		139	HIIN	62	59
18	L		I	47	60
19	BASA	133	L		61
20	L		I		62
21	BASA	97			
22	L				
23	I				
24	I				
25	I				
26	I				
27	ENCA	26			
28	I	62			
29	I	73			
30	L				
31	BASA	110			
32	RICO	168			
33	I	90			
34	BG				
35	HIIN	28			
36	BASA	68			
37	asphalt				
38	NIIGL	200			
39	BG				
40	COSR	50			
41	I	152			
Photos (loc. orient.): 1374(S)-262°/1375(S)-			Photos (loc. orient.):		
Notes (canopy openness): 80°			Notes (canopy openness):		
Relatively closed canopy for much of polygon (middle) adjacent to closed canopy CBBs					

Conium
 Pampas

Feature ID: <u>11</u>	Feature ID: <u>12</u>
Transect GPS Points:	Transect GPS Points:
Shrub species:	Shrub species:
Shrub height (cm):	Shrub height (cm):
0 <u>L</u>	<u>CEMB</u>
1 <u>ENCA</u>	<u>I</u>
2 <u>BG</u>	<u>BG</u>
3 <u>L</u>	<u>L</u>
4 <u>ENCA</u>	<u>I</u>
5 <u>I</u>	<u>BG</u>
6 <u>I</u>	<u>I</u>
7 <u>COSE</u>	<u>HIIN</u>
8 <u>COSE</u>	<u>I</u>
9 <u>I</u>	<u>L</u>
10 <u>L</u>	<u>I</u>
11 <u>I</u>	<u>I</u>
12 <u>I</u>	<u>I</u>
13 <u>I</u>	<u>I</u>
14 <u>I</u>	<u>I</u>
15 <u>ENCA</u>	<u>CEMB</u>
16 <u>L</u>	<u>L</u>
17 <u>I</u>	<u>ENCA</u>
18 <u>ENCA</u>	<u>L</u>
19 <u>BG</u>	<u>ENCA</u>
20 <u>HEGR</u>	<u>L</u>
21 <u>I</u>	<u>I</u>
22 <u>I</u>	<u>ENCA</u>
23 <u>I</u>	<u>L</u>
24 <u>I</u>	<u>I</u>
25 <u>I</u>	<u>CEMB</u>
26 <u>I</u>	<u>L</u>
27 <u>I</u>	<u>BG</u>
28 <u>I</u>	<u>I</u>
29 <u>I</u>	<u>CEMB</u>
30 <u>I</u>	<u>L</u>
31 <u>I</u>	<u>BG</u>
32 <u>I</u>	<u>I</u>
33 <u>I</u>	<u>L</u>
34 <u>I</u>	<u>I</u>
35 <u>I</u>	<u>I</u>
36 <u>I</u>	<u>I</u>
37 <u>I</u>	<u>I</u>
38 <u>I</u>	<u>HIIN</u>
39 <u>I</u>	<u>L</u>
40 <u>I</u>	<u>I</u>
41 <u>I</u>	<u>I</u>
Photos (loc. orient.): <u>1376(S) 15° / 1377(E) -185°</u>	Photos (loc. orient.): <u>1378(S) -330° / 1379(E) 145°</u>
Notes (canopy openness):	Notes (canopy openness):
<u>open canopy</u>	

Feature ID: <u>13</u>	Feature ID: <u>14</u>
Transect GPS Points:	Transect GPS Points:
Shrub species:	Shrub species:
Shrub height (cm):	Shrub height (cm):
0 L	L
1	I
2 CEMB	ENCA 10
3 HIIN 6	BG
4 L	I
5 I	L
6 AMPS	BG
7 L	CEME
8 I	L
9	I
10	I
11	I
12	I
13 HIIN 33	I
14 I 7	HIIN 26
15 I 21	I 22
16 L	BG
17 HIIN 14	I
18 L	I
19 HIIN 37	L
20	BG
21	I
22	L
23	COFI 19
24	BG
25	I
26	COFI 16
27	CEME
28	HIIN 56
29	BG
30	L
31	I
32	I
33	COFI 12
34	L
35	I
36	BG
37	L
38	BG
39	L
40	BG
41	L
Photos (loc. orient.): 1380(S)-355°/1361(E) 155°	Photos (loc. orient.): 1382(S)-69°/1383(E) 237°
Notes (canopy openness): ~ 1% ENCA to ~ 30 cm	Notes (canopy openness):

more data
on back

14 (cont)

42	L	
43	FRSA	
44	L	
45		
46		
47	HJIN	28
48	I	39
49	ACacia	54
50	BG	
51	BASA	15
52	L	
53	BASA	85
54	BG	
55		
56		
57		
58	L	
59	I	

Feature ID: <u>15</u>		Feature ID: <u>15 (cont.)</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	L	L	42
1			43
2			44
3	BG		45
4			46
5			47
6	L		48
7			49
8			50
9			51
10		BG	52
11		L	53
12		AMPS	54
13		L	55
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29	grass		
30	L		
31	HIIN		
32	L		
33			
34			
35	HIIN		
36	L		
37			
38			
39			
40	AMPS		
41	L		
Photos (loc. orient.): <u>1384(S) 328° / 1385(E) - 1480</u>		Photos (loc. orient.):	
Notes (canopy openness):		Notes (canopy openness):	

Feature ID:	16	Feature ID:	16 (cont.)
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 ENCA	11	42 HIIN	41
1	19	43 L	
2	26	44 HIIN	29
3 L		45 L	
4 ENCA	4	46	
5 BG		47	
6 L		48	
7 }		49	
8 }		50	
9 HIIN	16	51	
10	14	52	
11 L			
12 BG			
13 L			
14			
15			
16			
17 CENE			
18 L			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28 CENE			
29 BG			
30 CENE			
31 BG			
32			
33 L			
34 CENE			
35 BG			
36			
37 L			
38 HIIN	22		
39	34		
40	58		
41			
Photos (loc. orient.): 1386(S)-127°/1347(E)-		Photos (loc. orient.):	
Notes (canopy openness): 326°		Notes (canopy openness):	

Feature ID: <u>17</u>	Feature ID: <u>17 (cont.)</u>	
Transect GPS Points:	Transect GPS Points:	
Shrub species:	Shrub species:	
Shrub height (cm):	Shrub height (cm):	
0 <u>ENCA</u>	<u>L</u>	42
1 <u>L</u>	<u>L</u>	43
2 <u>L</u>	<u>BG</u>	44
3 <u>BG</u>	<u>HIIN</u>	45
4 <u>DISP</u>	<u>BG</u>	46
5 <u>L</u>		
6 <u>ENCA</u>		
7 <u>L</u>		
8 <u>BG</u>		
9 <u>L</u>		
10 <u>ENCA</u>		
11 <u>L</u>		
12 <u>L</u>		
13 <u>ENCA</u>		
14 <u>L</u>		
15 <u>BASA</u>		
16 <u>L</u>		
17 <u>L</u>		
18 <u>L</u>		
19 <u>HIIN</u>		
20 <u>ENCA</u>		
21 <u>L</u>		
22 <u>HIIN</u>		
23 <u>BG</u>		
24 <u>L</u>		
25 <u>CAPY</u>		
26 <u>HIIN</u>		
27 <u>L</u>		
28 <u>RUCR</u>		
29 <u>L</u>		
30 <u>L</u>		
31 <u>L</u>		
32 <u>L</u>		
33 <u>BG</u>		
34 <u>L</u>		
35 <u>grass</u>		
36 <u>L</u>		
37 <u>L</u>		
38 <u>L</u>		
39 <u>L</u>		
40 <u>L</u>		
41 <u>L</u>		
Photos (loc. orient.): <u>1384(S)-315°/1389(E)-127°</u>	Photos (loc. orient.):	
Notes (canopy openness):	Notes (canopy openness):	

Feature ID: 18	Feature ID: 19
Transect GPS Points:	Transect GPS Points:
Shrub species:	Shrub species:
Shrub height (cm):	Shrub height (cm):
0 L	BG
1 ENCA 42	L
2 HIIN 12	DEFA
3 I 87	BG
4 L	ACGL
5 HIIN 37	L
6 I 73	I
7 L	DEFA
8 I	BG
9 CEME	I
10 L	L
11 COFI 32	BG
12 CEME	ACGL
13 COFI 31	DI2FA
14 ISAR 134	I
15 I 72	L
16 HIIN 59	I
17 BG	I
18 L	I
19 I	I
20 ENCA 17	AMPS
21	DEFA
22	I
23	
24	
25	
Photos (loc. orient.): 1390(s)-1270/1391(E)-312°	Photos (loc. orient.): 1392(s)-355°/1393(E)-183°
Notes (canopy openness):	Notes (canopy openness):
	Very little veg >40 cm

Feature ID: <u>20</u>		Feature ID: <u>21</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	L		
1	BG		
2	L		
3	L		
4	L		
5	L		
6	BG		
7	L		
8	BG		
9	L		
10	L		
11	L		
12	L		
13	L		
14	L		
15	L		
16	L		
17	L		
18	L		
19	L		
20	STPU		
21	L		
22	BG		
23	STPU		
24	L		
25	L		
26	L		
27	L		
28	STPU		
29	L		
30	AMPS		
31	STPU		
32	L		
33	L		
34	HTGR		
35	L		
36	L		
37	STPU		
38	STPU		
39	BG		
40			
41			

Photos (loc. orient.): 1394(3)-0 / 1395(12)-180°

Notes (canopy openness):
First part of transect is virtually devoid of veg - apparently maintained

Photos (loc. orient.): _____

Notes (canopy openness): _____

Feature ID: 21	Feature ID: 21 (cont.)
Transect GPS Points:	Transect GPS Points:
Shrub species: Shrub height (cm):	Shrub species: Shrub height (cm):
0 HECR	42 L
1 L	43 L
2 L	44 L
3 L	45 L
4 BCG	46 L
5 L	47 BCG
6 L	48 L
7 L	49 L
8 BCG	50 L
9 L	51 L
10 L	52 L
11 BCG	53 BCG
12 L	54 L
13 L	55 L
14 BCG	56 CEMR
15 L	57 L
16 L	58 BCG
17 L	59 L
18 L	60 L
19 CEMR	61 L
20 L	62 BCG
21 L	63 L
22 L	64 L
23 BCG	65 L
24 L	66 L
25 L	67 BCG
26 ISMR	68 L
27 L	69 L
28 L	70 FRSA
29 BCG	71 L
30 BASA	72 L
31 ISME	73 L
32 L	74 L
33 L	75 L
34 L	76 L
35 L	77 L
36 L	78 L
37 BCG	79 L
38 L	80 L
39 L	81 L
40 L	82 BCG
41 L	83 HIFN
Photos (loc. orient.): 139(S)-46°/1397(E)-2068	Photos (loc. orient.): 23
Notes (canopy openness):	Notes (canopy openness):

more data
on back

21 (cont)

84	L
85	BG
86	I
87	L
88	I
89	I
90	BG
91	ENCA - 5
92	DEFA
93	ENCA - 16
94	L
95	BG
96	I
97	L
98	HIIN - 24
99	L
100	I

Feature ID: 22	Feature ID: 23
Transect GPS Points:	Transect GPS Points:
Shrub species:	Shrub species:
Shrub height (cm):	Shrub height (cm):
0 DEFA	DEFA
1 L	L
2 DEFA	L
3 L	DEFA
4 BG	L
5 L	DEFA
6 L	L
7 L	L
8 L	L
9 L	COSE 46
10 L	DEFA
11 L	L
12 L	L
13 DEFA	L
14 L	COSE 97
15 L	L
16 L	COSE 121
17 L	L 96
18 L	L
19 BG	L
20 DEFA	L
21 BG	DEFA
22 HIIN 17	L
23 L	DEFA
24 L	L
25 HIIN 29	L
26 L	L
27 L	L
28 L	L
29 HIIN 27	COSE 98
30 L	DEFA
31 BG	L
32 L	STVI
33 ENCA 14	DEFA
34 HIIN 21	L
35 L 34	AMPS
36	L
37	L
38	L
39	L
40	L
41	L
Photos (loc. orient.): 1398(S) - 42° / 1399(N) - 204°	Photos (loc. orient.): 1400(S) - 104° / 1401(E) - 270°
Notes (canopy openness):	Notes (canopy openness):

more data
on back



23 (cont.)

43 DEFA

44 |

45 |

46 L

47 |

~~44~~

Page 17 of 34

Feature ID: 25			Feature ID: 25 (cont.)		
Transect GPS Points:			Transect GPS Points:		
Shrub species:	Shrub height (cm):		Shrub species:	Shrub height (cm):	
0 BG			L		42
1 ISMR	30		HTIN	56	43
2 HTIN	10		BG		44
3 BG			CAED		45
4 L			L		46
5 L			L		47
6 L			L		48
7 BG			CAED		49
8 L			L		50
9 L			L		51
10 ENCA	7		BG		52
11 L			L		53
12 BG			BG		54
13 HTIN	27		CAED		55
14 BG			BG		56
15 L			L		57
16 BG			CAED		58
17 L			ISMR	20	59
18 L			L		60
19 L			HTIN	20	61
20 HTIN	26		L		62
21 L			L		63
22 L			L		64
23 L			L		65
24 BG			DEFA		66
25 L			BG		67
26 BG			L		68
27 L			L		69
28 L			L		70
29 L			L		71
30 L			L		72
31 L			L		73
32 L			L		74
33 L			BG		75
34 DEFA			L		76
35 L			CEME		77
36 BG			DEFA		78
37 L			L		79
38 CAED			L		80
39 HTIN	32		L		81
40 L			BG		82
41 L			L		83
Photos (loc. orient.): 1404(S)-70°/1405(E)-			Photos (loc. orient.):		
Notes (canopy openness): 250°			Notes (canopy openness):		

more
data
on
back

25(cont.)

84

L

85

|

86

87

DEFA

88

L

89

|

90

AMPS

Feature ID: <u>26</u>		Feature ID: <u>27</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	BG	L	
1	L	L	
2	BG	DEFA	
3	L	L	
4	AMPS	DEFA	
5	L	L	
6	L	L	
7	AMPS	BG	
8	L	L	
9			
10			
11			
12			
13			
14	BG		
15	L		
16	L		
17			
18			
19	BG		
20	L	BG	
21	L	L	
22			
23			
24			
25	BG		
26	L	EMSE	
27	L	L	
28	BG		
29	L		
30	L		
31			
32	BG		
33	L		
34		STPU	
35		L	
36		BG	
37		L	
38			
39			
40			
41			
Photos (loc. orient.): <u>1408(S)-258° / 1407(E)-84°</u>		Photos (loc. orient.): <u>1408(S)-240° / 1409(E)-63°</u>	
Notes (canopy openness): <u>Very little veg > 15 cm</u>		Notes (canopy openness):	

more data
on back
→

27 (cont)

42 L
43 |
44 |
45 |
46 |
47 |
48 |
49 |
50 |
51 BG

Page 20 of 34

Feature ID: 29		Feature ID: 29 (cont.)	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	L	GLCO	
1			
2	AMPS		
3			
4	L		
5	L		
6	BG	BG	
7	AMPS	GLCO	
8	L		
9			
10		GLCO	
11			
12			
13			
14			
15		L	
16	BG		
17	L		
18	L		
19		HIIN	18
20			5
21	AMPS	BG	
22	GLCO	L	
23			
24	L		
25	BG		
26	GLCO	BG	
27		L	
28		BG	
29			
30		L	
31	L		
32			
33	GLCO		
34		BG	
35		L	
36			
37			
38	L		
39			
40		BG	
41	GLCO	L	
Photos (loc. orient.):		Photos (loc. orient.):	
Notes (canopy openness): 1412(S)-38°		Notes (canopy openness):	
1413(E)-220°			

more data
on back

GLCO = *Glebionis coronaria*

29(cont)

83 L

84 HIIN - 35

85 BG

86 L

87 1

Feature ID: 30		Feature ID: 30 (cont.)	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	L	BG	42
1	ISME	L	43
2	I	BG	44
3	L	I	45
4	ISME	L	46
5	L	L	47
6			
7			
8			
9			
10			
11	ISME		
12	BG		
13	L		
14	CME		
15	BG		
16	I		
17	L		
18	BG		
19	ISME		
20	BG		
21	L		
22			
23			
24			
25			
26			
27			
28			
29			
30			
31	BG		
32	DEFA		
33	BG		
34	I		
35	L		
36	DEFA		
37	L		
38			
39			
40			
41	BG		
Photos (loc. orient.): 1414(S)-58° / 1415(E).		Photos (loc. orient.):	
Notes (canopy openness): 229°		Notes (canopy openness):	

Feature ID: <u>31</u>		Feature ID: <u>31 (cont.)</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	L	L	42
1	L	L	43
2	CEMB	BG	44
3	L	L	45
4	L	CEMB	46
5	L	L	47
6	L	L	48
7	L	MAVU	49
8	L	BG	50
9	BG		
10	L		
11	L		
12	L		
13	L		
14	L		
15	L		
16	CEMB		
17	BG		
18	CEMB		
19	L		
20	BG		
21	L		
22	L		
23	BG		
24	GLCO		
25	CEMB		
26	GLCO		
27	L		
28	L		
29	L		
30	L		
31	L		
32	L		
33	L		
34	BG		
35	L		
36	CEMB		
37	L		
38	L		
39	CEMB		
40	L		
41	L		
Photos (loc. orient.): <u>1416(S)-30° / 1417(E)-</u>		Photos (loc. orient.):	
Notes (canopy openness): <u>203°</u>		Notes (canopy openness):	

Feature ID: 32		Feature ID: 32 (CONT.)	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	BG	L	42
1	HIIN		43
2	L		44
3	AMPS		45
4	L	BG	46
5	L	L	47
6		L	48
7		BG	49
8		L	50
9		BG	51
10		L	52
11		L	53
12		DEFA	54
13		L	55
14		L	56
15	CAED	MAVU	57
16	L	BG	58
17	L	L	59
18		L	60
19		BG	61
20		MAVU	62
21		BG	63
22		FRSA	64
23		L	65
24		BG	66
25		FRSA	67
26		L	68
27		L	69
28			70
29			71
30		BG	72
31		L	73
32			74
33			75
34			76
35			77
36	HIIN		78
37	BG		79
38	L		80
39			81
40			82
41			83



more data
on back

Photos (loc. orient.): 1418(S)-295°
 Notes (canopy openness): 1419(E)-116°

Photos (loc. orient.):
 Notes (canopy openness):

32 (cont.)

84	L
85	BG
86	L
87	I
88	DEFA
89	L
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	↓
	AMPS

Feature ID: <u>33</u>		Feature ID: <u>33 (cont.)</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	L	L	42
1	EUOC		43
2	L		44
3	I		45
4		HIIN	46
5	OPLT	CEME	47
6	L	DEFA	48
7	DEFA		49
8	L		50
9	I		
10			
11	BG		
12	I		
13			
14	L		
15	BASA		
16	L		
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27	EUOC		
28	L		
29	I		
30			
31	HEGR		
32	I		
33	HIIN		
34	L		
35	BASA		
36	I		
37	BAPT		
38	L		
39	I		
40			
41			
Photos (loc. orient.): <u>1420(S)-244°/1421(E)-60°</u>		Photos (loc. orient.):	
Notes (canopy openness):		Notes (canopy openness):	
ENCA present (<1% of total cover)			

Page 26 of 34

	Feature ID: 35
	Transect GPS Points:
	Shrub species: Shrub height (cm):
0	L
1	
2	
3	COSR 120
4	L 105
5	L
6	COSR 120
7	L
8	
9	
10	COSR 120
11	100
12	OPLI 62
13	HIIN 80
14	COSR 49
15	HIIN 61
16	L
17	concrete
18	
19	
20	L
21	COSR 108
22	76
23	HIIN 29
24	L
25	HIIN 46
26	34
27	L
28	
29	BC
30	L
31	BC
32	ENCA 36
33	28
34	L
35	
36	
37	
38	
39	
40	SATR
41	

Photos (loc. orient.): 1424(S)-143°
 Notes (canopy openness): 1425(E)-350°
 Concrete pad w/in transect

	Feature ID: 35(cont.)
	Transect GPS Points:
	Shrub species: Shrub height (cm):
42	BC
43	DEFA
44	BC
45	
46	
47	L
48	HIIN 20
49	51
50	55
51	45
52	46
53	34
54	17
55	L
56	
57	BC
58	DISP
59	BAHY
60	DEFA
61	
62	
63	BC
64	
65	
66	
67	L
68	
69	BC
70	
71	
72	
73	L
74	
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Photos (loc. orient.):
 Notes (canopy openness):

Feature ID: <u>36</u>		Feature ID: <u>37</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 ENCA	25	BG	
1	21	L	
2 L			
3 HIIN	54		
4	29		
5 ENCA	12		
6 HIIN	39	ENCA	10
7	18	L	
8 ENCA	6		
9	10		
10 L		BG	
11 ENCA	15		
12 BG		ENCA	18
13 L			24
14		BG	
15 ENCA	46	L	
16	26	ENCA	6
17	16	L	
18	31		
19 HIIN	66	CEME	
20 NIQL	60		
21 L		ENCA	26
22 ENCA	32		44
23 L		L	
24 HIIN	44		
25 L		CEME	
26 BG			
27 CAED		ENCA	26
28			44
29		L	
30			
31		BG	
32			
33 RJCO	130		
34	118		
35 L			
36			
37			
38			
39			
40			
41			
Photos (loc. orient.): 1426(S)-55°		Photos (loc. orient.): 1428(S)-108°	
Notes (canopy openness): 1427(E)-244°		Notes (canopy openness): 1429(E)-303°	
South of broken asphalt thru			
poly			

Feature ID: <u>38</u>		Feature ID: <u>38(cont.)</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	EVCA	10	
1	BG		
2	L		
3			
4			
5			
6	DEFA		
7			
8			
9	L		
10			
11			
12			
13			
14	BG		
15	L		
16	BG		
17	L		
18			
19			
20	BG		
21	L		
22			
23	HIIN	21	
24	L		
25	HIIN	18	
26	L		
27	}		
28	}		
29	}		
30	HIIN	61	
31		59	
32		44	
33		40	
34	L		
35	BG		
36	L		
37	BG		
38			
39	CEME		
40	L		
41	BG		
Photos (loc. orient.): <u>1430(s) - 120°</u>		Photos (loc. orient.):	
Notes (canopy openness): <u>1431(E) - 300</u>		Notes (canopy openness):	

Feature ID: <u>39</u>	Feature ID: <u>40</u>
Transect GPS Points:	
Shrub species:	Shrub height (cm):
0	1
1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9
9	10
10	11
11	12
12	13
13	14
14	15
15	16
16	17
17	18
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Feature ID: <u>41</u>		Feature ID: <u>42</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	BG	ENCA	9
1	L	L	
2			
3			
4	ACGL	HJIN	12
5	L	L	
6			
7			
8			
9		GLCO	
10			
11		DEFA	
12		L	
13			
14		HBGR	46
15	ACGL	L	85
16	L	L	
17	AMPS		
18	L		
19			
20		AMPS	
21		L	
22			
23		AMPS	
24		L	
25			
26			
27			
28			
29		GLCO	
30		L	
31		DEFA	
32		L	
33		DEFA	
34			
35			
36		BG	
37		L	
38			
39			
40			
41			
Photos (loc. orient.): <u>1436(S) - 284°</u>		Photos (loc. orient.): <u>1438(S) 311°</u>	
Notes (canopy openness): <u>1437(E) 86°</u>		Notes (canopy openness): <u>1439(E) - 110°</u>	

Page 32 of 34

Feature ID: <u>44</u>		Feature ID: <u>44(cont.)</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	L	BG	42
1			43
2		GLCO	44
3		L	45
4	DEFA		46
5	L	ENCA	18
6	DEFA	L	47
7	L	ENCA	8
8		GLCO	48
9		L	49
10		ENCA	50
11			51
12	CEME	L	52
13	L	BG	53
14		L	54
15	HIIN		55
16		GLCO	56
17			57
18		L	58
19	L	BG	59
20		L	60
21			61
22	HIIN	GLCO	62
23	L	BG	63
24	HIIN	GLCO	64
25	L	BG	65
26	BG		66
27	L	L	67
28		BG	68
29	GLCO		69
30			70
31			71
32			72
33		L	73
34		BG	74
35		L	75
36	L	BG	76
37	L		77
38		L	78
39		BG	79
40		L	80
41	GLCO		81
			82
			83

Photos (loc. orient.): 1442(S)-350°

Notes (canopy openness): 1443(E)-167°

Photos (loc. orient.): _____

Notes (canopy openness): _____

→
more data
on back

44 (cont)

84	L	
85	TG	
86	L	
87	AMPS	
88	L	
89		
90		
91		
92		
93		
94		
95		
96		
97	HIIN	20
98	L	
99	?	
100	AMPS	

Feature ID: 45		Feature ID: 45(cont.)	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	BSG	ENCA	68
1	L	L	
2			
3			
4		ENCA	54
5			35
6			55
7			56
8			44
9		L	
10			
11	HIIN		
12			
13			
14	L		
15			
16			
17		ACGL	
18	DEFA	HIIN	41
19	L		36
20			41
21	DEFA	L	
22		HIIN	18
23	BSG		60
24	L		71
25			49
26		L	
27	DEFA		
28	BC		
29	ENCA	BSG	
30	DEFA		
31	L		
32	BC	HIIN	60
33	L		91
34			56
35			81
36		L	
37		OPLI	43
38	ENCA	L	
39	L	HIIN	104
40		L	
41	ENCA	HIIN	130
			185
Photos (loc. orient.): 1444(S) - 186°		Photos (loc. orient.):	
Notes (canopy openness): 1445(E) - 90°		Notes (canopy openness):	

→
more data
on back

45 (cont.)

84	HIIN	96
85	L	
86		
87		
88		
89	HIIN	72
90	L	
91		
92		
93		
94	BG	
95	L	
96	HIIN	30
97	L	
98	DEFA	
99		
100		

Feature ID: <u>46</u>		Feature ID: <u>48</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 BG		HIIN	24
1 L		L	
2 I		HIIN	61
3 ISMR	51	I	49
4 L		BG	
5 I		HEGR	66
6 I		I	30
7 ISMR	20	L	
8 BG		HEGR	97
9 HIIN	44	BG	
10 L		L	
11 I		HIIN	44
12 I		I	80
13 I		I	70
14 STVI		I	59
15 ISMR	96	HEGR	74
16 I	119	RICO	67
17 I	83	ENCA	49
18 DISP		↓	73
19 ISMR	11	HIIN	44
20 I	22	L	
21 L		HIIN	60
22 ISMR	16	L	
23 L		I	
24 I		BASA	75
25 BG		FRSA	
26 I		HIIN	31
27 I		BG	
28 I		L	
29 L			
30 I			
31 I			
32 I			
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Photos (loc. orient.): S-1446 (17°)

Notes (canopy openness): E-1447 (199°)
disturbance patch, thru several dirt stock piles.

Photos (loc. orient.): S-1449 (350°)

Notes (canopy openness): E-1450 (170°)
Species mostly are from previous growing season

Feature ID: 49		Feature ID: 50	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 ENCA	10	BG	
1 HIIN	25	ACGL	
2	75	BG	
3	46	ENCA	8
4 ENCA	11	BG	
5 HIIN	67	L	
6	66	ACGL	
7 ENCA	40	BG	
8 HIIN	74		
9	81	HEGR	71
10 L		BG	
11 HIIN	42	ACGL	
12 ENCA	18	HEGR	21
13 L		ACGL	
14 ENCA	6	BG	
15 L		L	
16			
17 CAED		BASA	198
18			86
19		BG	
20			
21		CAED	
22			
23			
24			
25			
26			
27			
28			
29			
30		BG	
31			
32			
33			
34			
35			
36		ENCA	30
37		HIIN	41
38			41
39			34
40		ACGL	
41		ENCA	29

Photos (loc. orient.): S-1451 (277°)
Notes (canopy openness): e-1452 (85°)

Photos (loc. orient.): S-1453 (193°)
Notes (canopy openness): e-1454 (120°)

Feature ID: <u>51</u>		Feature ID: <u>52</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 ENCA	4	0 ENCA	28
1	3	1	10
2	3	2 L	
3 BG		3	
4 ~1		4	
5 CEME		5 ENCA	15
6		6 BG	
7 HIJN	70	7	
8	54	8 ENCA	8
9 ENCA	14	9	14
10 BG		10 L	
11		11	
12		12 Erodium	
13 CEME		13 BG	
14 BG		14	
15 FRSA		15 Erodium	
16 Erodium		16 BG	
17 BG		17	
18 Erodium		18	
19 BG		19	
20		20	
21		21	
22		22	
23		23	
24		24	
25		25 Erodium	
26		26 BG	
27		27	
28		28	
29		29	
30		30	
31		31	
32		32	
33		33	
34		34	
35		35	
36		36	
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Photos (loc. orient.): <u>-S-1455 (117°)</u>		Photos (loc. orient.): <u>S-1457 (123°)</u>	
Notes (canopy openness): <u>e-1456 (30%)</u>		Notes (canopy openness): <u>e-1458 (310°)</u>	

Feature ID: <u>53</u>		Feature ID: <u>55</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	BG	0	62
1	L	1	L
2	BG	2	HIIN
3	ISME	3	FRSA
4	Erodium	4	OPLT
5	I	5	L
6	BG	6	I
7	L	7	BG
8	BG	8	L
9	I	9	HIIN
10	I	10	L
11	I	11	I
12	ISME	12	BG
13	Erodium	13	Erodium
14	BG	14	L
15	L	15	Erodium
16	ISME	16	I
17	BG	17	ENCA
18	I	18	I
19	I	19	ACGL
20	L	20	Erodium
21	BG	21	L
22	I	22	ENCA
23	FRSA	23	Erodium
24	BG	24	I
25		25	BG
26		26	CAED
27		27	I
28		28	BG
29		29	HIIN
30		30	
31		31	
32		32	
33		33	
34		34	
35		35	
36		36	
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Photos (loc. orient.): S-1459 (165°)

Notes (canopy openness): E-1460 (339°)

Very sparse, new growth of
 ENCA, 510 cm

Photos (loc. orient.): S-1462 (30°)

Notes (canopy openness): E-1463 (210°)

Feature ID: <u>56</u>		Feature ID: <u>58</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 BAPI	43	ENCA	55
1 <i>Erodium</i>			56
2 L			70
3 <i>Erodium</i>			71
4 HIIN	52		30
5 ENCA			71
6 ACGL			60
7 COFI		L	
8			
9 HIIN	58	ENCA	42
10 BG			24
11			66
12		L	
13			10
14		ENCA	10
15		BG	
16		<i>Erodium</i>	
17		L	
18			
19		BG	
20			
21		L	
22			
23		BG	
24			
25		L	
26		ENCA	4
27		L	
28		ENCA	10
29		BG	
30			
31		<i>Erodium</i>	
32		ENCA	6
33		L	
34			
35		BG	
36			
37		L	
38		CAED	
39			
40			
41			

Photos (loc. orient.): S 1464 (200°)
 Notes (canopy openness): e 1465 (130°)
 Abscure oil well pad up
 pipe and other metal structures

Photos (loc. orient.): S-1467 (146°)
 Notes (canopy openness): e-1468 (334°)

Feature ID: <u>59</u>	Feature ID: _____
Transect GPS Points: _____	Transect GPS Points: _____
Shrub species: _____	Shrub species: _____
Shrub height (cm): _____	Shrub height (cm): _____
0 <u>CAED</u>	
1 <u>I</u>	
2 <u>L</u>	
3 <u>BG</u>	
4 <u>I</u>	
5 <u>L</u>	
6 <u>BG</u>	
7 <u>L</u>	
8 <u>HIIN</u>	
9 <u>ACGL</u>	
10 <u>L</u>	
11 <u>ENCA</u>	
12 <u>I</u>	
13 <u>I</u>	
14 <u>CAED</u>	
15 <u>L</u>	
16 <u>Eragrost</u>	
17 <u>BG</u>	
18 <u>I</u>	
19 <u>I</u>	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
Photos (loc. orient.): <u>s-1469-(299°)</u>	Photos (loc. orient.): _____
Notes (canopy openness): <u>e-1470 (113°)</u>	Notes (canopy openness): _____

Feature ID: <u>61</u>		Feature ID: <u> </u>	
Transect GPS Points: <u> </u>		Transect GPS Points: <u> </u>	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 L		Erodium	42
1 BG		BG	43
2 I		I	44
3 L		ISME	24 45
4 BG		BG	46
5 HIIN	26	ISME	50 47
6 BG		Erodium	48
7 Erodium		I	49
8 I		BG	50
9 I		I	51
10 I		L	52
11 I		L	53
12 ISME	23	CEME	54
13 ACGL		Erodium	55
14 HIIN	60	I	56
15 ACGL		I	57
16 ENCA	29	I	58
17 Erodium		HIIN	24 59
18 HIIN	28	Erodium	60
19 I	61	HIIN	14 61
20 I	34	L	62
21 Erodium		I	63
22 I		I	64
23 L		Erodium	65
24 Erodium		I	66
25 HIIN	23	I	67
26 BG		HIIN	21 68
27 L		Erodium	69
28 Erodium		HIIN	13 70
29 BG		CEME	71
30 Erodium		I	72
31 ACGL		BG	73
32 Erodium		ACGL	74
33 ACGL		COFI	75
34 BG		HIIN	56 76
35 Erodium		L	77
36 BG		CAED	78
37 ISME	14	L	79
38 L		ENCA	12 80
39 ENCA	27	HIIN	60 81
40 BG		BAHY	82
41 I		L	83
Photos (loc. orient.): <u>s-1472 (2°)</u>		Photos (loc. orient.): <u> </u>	
Notes (canopy openness): <u>e-1473 (198°)</u>		Notes (canopy openness): <u> </u>	



84	L
85	
86	BAHY
87	BG
88	
89	
90	MECR
91	BG
92	
93	
94	MECR
95	BG
96	
97	└─

Feature ID: 62	Feature ID: 63
Transect GPS Points:	Transect GPS Points:
Shrub species: Shrub height (cm):	Shrub species: Shrub height (cm):
0 ISME 54	L
1 BG	Erod
2 grass	HIIN 23
3 BG	I 32
4 grass	Erod
5 DEFA	grass
6 ISME 57	Erod
7 L	I
8 ISME 10	CEME
9 I 30	unl
10 L	Erod
11 BG	I
12 L	CEMB
13 grass	Erod
14 BG	I
15 CEME	I
16 BG	I
17 ISME 31	HIIN 24
18 BG	BG
19 grass	CEME
20 I	I
21 BG	Erod
22 I	grass
23 I	Erod
24 I	grass
25 I	
26 I	
27 L	
28 BG	
29 DEFA	
30 BG	
31 I	
32 L	
33 BG	
34 I	
35 I	
36 I	
37 ISME 5	
38 I 14	
39 ENCA 5	
40 grass	
41 Erodium	
Photos (loc. orient.): S-1474 (22°)	Photos (loc. orient.): S-1476 (119°)
Notes (canopy openness): e-1475 (200°)	Notes (canopy openness): e-1477 (294°)

Erod:
 Erodium

42 Erodium
 43 I

ENCA	13	84
L		85
ENCA	24	86
grass		87
		88

Feature ID: <u>65</u>		Feature ID: <u> </u>	
Transect GPS Points: <u> </u>		Transect GPS Points: <u> </u>	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	Erod	L	42
1		CEME	43
2	CEME	grass	44
3	grass	Erod	45
4	Erod	BG	46
5			47
6		Erod	48
7			49
8	L	L	50
9	HIIN	ENCA	36
10	L	L	51
11	Erod	Erod	52
12		L	53
13		Erod	54
14	HIIN	L	55
15	ENCA		56
16	grass		
17			
18	Erod		
19			
20	HIIN		
21	grass		
22			
23	ENCA		
24	BG		
25			
26	Erod		
27			
28			
29	L		
30			
31	Erod		
32	BG		
33	Erod		
34			
35	HIIN		
36			
37	L		
38	Erod		
39	L		
40	ENCA		
41	HIIN		
Photos (loc. orient.): <u>S 1480 (21°)</u>		Photos (loc. orient.): <u> </u>	
Notes (canopy openness): <u>e-1481 (185°)</u>		Notes (canopy openness): <u> </u>	

Feature ID: <u>66</u>		Feature ID: <u>68</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	L	CEME	
1	CEME	grass	
2	I	BG	
3	L	L	
4	Erod	I	
5	CEME	CEME	
6	I	HIIN	48
7	ENCA	ENCA	22
8	CEME	BG	
9	L	I	
10	CEME	HIIN	30
11	I	CEME	
12	BG	I	
13	CEME	L	
14	I	HIIN	52
15	I	Erod	
16	I	ENCA	4
17	I	ISME	20
18	L		
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
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40			
41			
Photos (loc. orient.): <u>S 1487 (196°)</u>		Photos (loc. orient.): <u>S-1491 (50°)</u>	
Notes (canopy openness): <u>E 1488 (23°)</u>		Notes (canopy openness): <u>E-1492 (226°)</u>	

Feature ID: 69		Feature ID: —	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 L		BG	42
1 CEME		SATR	43
2 BG		Erod	44
3 CEME		I	45
4 grass		BG	46
5 ISME	20		47
6 grass			48
7 PHIN	46		49
8 CEME			50
9			
10			
11			
12			
13 ISME	46		
14 L			
15 ISME	15		
16 L			
17 OPLI	19		
18 ACGL			
19 ENCA	26		
20	75		
21	56		
22	44		
23 L			
24			
25 ISME			
26 Erod			
27			
28			
29			
30 ISME	8		
31	44		
32	60		
33	41		
34 SATR			
35 OPLI	38		
36 L			
37 SATR			
38 Erod			
39 L			
40 SATR			
41 ATSE			
Photos (loc. orient.): 5-1493 (101°)		Photos (loc. orient.):	
Notes (canopy openness): 2-1494 (270°)		Notes (canopy openness):	

Feature ID: <u>71</u>		Feature ID: <u> </u>	
Transect GPS Points: <u> </u>		Transect GPS Points: <u> </u>	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	BG	grass	42
1	HIIN	Erod	43
2		L	44
3	grass	Erod	45
4	L		
5	ENCA	22	46
6		55	47
7	BG	ENCA	6
8	L	L	48
9	HIIN	41	49
10		ENCA	35
11	1	Erod	51
12	ENCA	9	52
13	Erod	10	53
14	ENCA	16	54
15			55
16	Erod		56
17	L		57
18	BG		58
19	Erod		59
20	1		60
21	HIIN	21	61
22	ISMB	56	62
23	HIIN	25	63
24	Erod		64
25	HIIN	40	65
26	1	120	66
27	Erod		67
28			68
29	ENCA	10	69
30	Erod		70
31	1		71
32	BG		72
33			73
34	grass		74
35	ENCA	41	75
36	1	15	76
37	BG		77
38	1		78
39	grass		79
40	Erod		80
41	1		81
			82
			83

Photos (loc. orient.): S-1496 (115°)

Notes (canopy openness): c-1497 (296°)

Photos (loc. orient.):

Notes (canopy openness):

Feature ID: <u>72</u>		Feature ID: <u> </u>	
Transect GPS Points: <u> </u>		Transect GPS Points: <u> </u>	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0 BG		L	42
1 DEFA		Erod	43
2 L			44
3 Erod			45
4 L			46
5 Erod			47
6 L		L	48
7 Erod		CEME	49
8		L	50
9			51
10 ENCA	4		52
11 Erod			53
12 ERSA		BG	54
13 L		Erod	55
14 Erod		CEME	56
15 L		BG	57
16 BG		Erod	58
17			59
18 Erod		Erod	60
19 ENCA	4	ENCA	61
20 Erod		CAED	62
21			63
22		Erod	64
23		grass	65
24 ENCA	6	Erod	66
25 AMPS		CEME	67
26		BG	68
27 Erod		HIIN	69
28 CEME		Erod	70
29 Erod			71
30 HIIN	31	AMPS	72
31 CEME		Erod	73
32 Erod		DEFA	74
33		L	75
34 CEME			76
35 Erod		grass	77
36		L	78
37 CEME		Erod	79
38 L			80
39			81
40 Erod			82
41		6PLI	83
Photos (loc. orient.): <u>S-1498 (352°)</u>		Photos (loc. orient.): <u> </u>	
Notes (canopy openness): <u>E-1499 (196°)</u>		Notes (canopy openness): <u> </u>	

84	L	
85	L	
86	I	
87	AMPS	
88	BG	
89	L	
90	I	
91	Erad	
92	L	
93	I	
94	ENCA	18
95	Erad	
96	<u>I</u>	

Feature ID: <u>74</u>		Feature ID: <u>75</u>	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	BG	DEFA	
1		Erod	
2	Erod		
3		BG	
4	CEME	CEME	
5	Erod	Erod	
6			
7		BG	
8		Erod	
9		BG	
10		Erod	
11	BG		
12		HITN	25
13	ENCA	L	
14			
15	ACGL	BG	
16	ENCA	L	
17	Erod	ENCA	21
18	L	L	
19	Erod	HITN	15
20		L	
21		Erod	
22	ENCA	ACGL	
23	L	Erod	
24	BG		
25		CEMB	
26		Erod	
27	Erod		
28		grass	
29		Erod	
30		grass	
31		BG	
32		Erod	
33		CEME	
34		BG	
35		ACGL	
36		DEFA	
37			
38		STPU	
39		AMPS	
40		ISMIF	20
41		Erod	
Photos (loc. orient.): <u>S-1501 (277°)</u>		Photos (loc. orient.): <u>S-1503 (140°)</u>	
Notes (canopy openness): <u>e-1502 (100%)</u>		Notes (canopy openness): <u>e-1504 (305%)</u>	

DEFA

42 ←

Feature ID: 76		Feature ID: _____	
Transect GPS Points:		Transect GPS Points:	
Shrub species:	Shrub height (cm):	Shrub species:	Shrub height (cm):
0	Brod	Erod	42
1	ENCA		43
2	↓		44
3	BG		45
4	NJIN	CEME	46
5	CEME	BG	47
6	ENCA	Erod	48
7	CEME	AMPS	49
8	ACGL	L	50
9	BG	Erod	51
10	Erod		52
11			53
12			54
13		BG	55
14		Erod	56
15	ENCA		57
16	Erod	AMPS	58
17	ENCA	Erod	59
18	Erod		60
19	ENCA		61
20	Erod	L	62
21		STPU	63
22	ACGL		64
23	Erod	Erod	65
24		BG	66
25		L	67
26	L	Erod	68
27	ACGL		69
28	Erod		70
29		BG	71
30	ISME	Erod	72
31	Erod		73
32		L	74
33	L	ENCA	75
34	Erod		76
35		Erod	77
36			78
37			79
38	STPU		80
39	Erod		81
40			82
41			83
Photos (loc. orient.): S-1505 (62°)		Photos (loc. orient.): _____	
Notes (canopy openness): c-1506 (163)		Notes (canopy openness): _____	

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