
APPENDIX II
BUSINESS RULES AND VALIDATION DATA

Table of Contents

Table of Contents	II-1
Tables	II-1
Introduction	II-1
Land ownership / management agency	II-2
Location attributes	II-3
Exclosure Type / Purpose	II-3
Current Condition	II-3
Range Type	II-3
Animals Excluded and Part Studied	II-5
Fence Type	II-5
Alterations, Treatments, and Disturbance Description	II-6
Quantitative Vegetation Studies	II-6
Qualitative Vegetation Studies	II-9
Other Forms	II-9
File-Naming Conventions	II-11
Literature Cited	II-11

Tables

Table	Title	Page
Table II.1	Forms used to populate the [Studies].[Quantitative] field.	II-6
Table II.2	Forms used to populate the [Studies].[Qualitative] field.	II-9
Table II.3	Additional forms that did not qualify as quantitative or qualitative studies, but which were incorporated into the digital data set.	II-10

Introduction

We implemented two complementary kinds of business rules within the MS Access database, both of which were intended to control database content:

- We defined input formats for the following fields:
 - [Exclosures].[Township]: entered as T#S or T#N
 - [Exclosures].[Range]: entered as R#W or R#E
 - [Exclosures].[Section]: entered as S#
 - [Exclosures].[Subdivision]: entered as XXYY where XX of YY. For example, NESW is the NE ¼ of the SW ¼.
 - [Parts].[Dimensions]: entered as Y ft x Z ft, includes “Irregular” and “Not found.”

- We used combo boxes and validation tables to populate the following fields (defined in detail below):
 - [Exclosures].[Landowner]
 - [Exclosures].[Purpose]
 - [Exclosures].[Condition]
 - [Exclosures].[Range Type]
 - [Parts].[Animals Excluded] and [Studies].[Part Studied]
 - [Parts].[Fence Type]

Likewise, we also standardized the following database components:

- Key words for [Alterations treatments and disturbances].[ATD Description]
- Studies and forms that qualify as:
 - *Quantitative* vegetation studies for the [Studies].[Quantitative] field
 - *Qualitative* vegetation studies for the [Studies].[Qualitative] field
- Photo study classification and assignment to exclosure parts:
 - *General-view* photos for the [Studies].[GV Photo] field
 - *Close-up* photos for the [Studies].[CU Photo] field
 - *Fence-line* contrast [Studies].[FLC Photo] field
- Study document classification:
 - *Study summary* for the [Studies].[Summarized] field
 - *Inside vs. outside comparison* for the [Studies].[IO Comparison] field
 - *Trend summary* for the [Studies].[Trend Summary] field

Land ownership / management agency

We used the following standard values to populate the [Exclosures].[Landowner] field:

USFS Ashley NF Duchesne/Roosevelt RD	USFS Wasatch-Cache NF Salt Lake RD
USFS Ashley NF Flaming Gorge RD/NRA	BLM Cedar City DO
USFS Ashley NF Vernal RD	BLM Fillmore DO
USFS Dixie NF Cedar City RD	BLM Grand Staircase-Escalante NM
USFS Dixie NF Escalante RD	BLM Henry Mountains Field Station
USFS Dixie NF Pine Valley RD	BLM Kanab DO
USFS Dixie NF Powell RD	BLM Moab DO
USFS Dixie NF Teasdale RD	BLM Monticello DO
USFS Fishlake NF Beaver RD	BLM Price DO
USFS Fishlake NF Fillmore RD	BLM Richfield DO
USFS Fishlake NF Loa RD	BLM Salt Lake DO
USFS Fishlake NF Richfield RD	BLM St. George DO
USFS Manti-La Sal NF Ferron/Price RD	BLM Vernal DO
USFS Manti-La Sal NF Moab RD	NPS Bryce Canyon NP
USFS Manti-La Sal NF Monticello RD	NPS Canyonlands NP
USFS Manti-La Sal NF Sanpete RD	NPS Capitol Reef NP
USFS RMRS Desert Experimental Range	NPS Dinosaur NM
USFS Uinta NF Heber RD	NPS Glen Canyon NRA
USFS Uinta NF Pleasant Grove RD	Private
USFS Uinta NF Spanish Fork RD	UT SITLA
USFS Wasatch-Cache NF Evanston RD	UT DWR
USFS Wasatch-Cache NF Kamas RD	UT DWR Great Basin Research Center
USFS Wasatch-Cache NF Logan RD	
USFS Wasatch-Cache NF Mountain View RD	
USFS Wasatch-Cache NF Ogden RD	

Location attributes

Although some exclosures cross section boundaries, we opted to use only one legal description to describe the location of each exclosure (fields [Exclosures].[Township], [Exclosures].[Range], [Exclosures].[Section], and [Exclosures].[Subdivision]). This is appropriate for a pinpoint approach (as opposed to polygons) to locating these entities. It also has the added benefit of greatly simplifying the database structure.

Exclosure Type / Purpose

We used the following standard values to populate the [Exclosures].[Purpose] field:

Code	Interpretation
Ex	Experimental
Ex-M/D	Experimental (Monitoring / Demonstration)
M/D	Monitoring / Demonstration
Pr-C	Protection (Cultural)
Pr-R	Protection (Riparian)
Pr-S/R	Protection (Seeding or regeneration)
Pr-Sp	Protection (Springs)
Pr-T&ES	Protection (T&ES)
?	Not found

Current Condition

We used the following standard values to populate the [Exclosures].[Condition] field:

Code	Interpretation
F	Functioning
H	Historic
R	Needs Repair
?	Not found

Range Type

We used SRM range type descriptions (Shiflet 1994) to populate the field [Exclosures].[Range Type]. Unfortunately, this classification scheme is somewhat inconsistent. Nevertheless, we retained this system even after it became clear that was inadequate (montane parks, mountain brush, and riparian sites were especially problematic), mainly because we did not have time to revisit and re-label all of the exclosures.

Note that these assignments were usually based on photographs or narrative descriptions, and that they should be treated as approximate.

Code	Range Type Description
109	Ponderosa pine shrubland
110	Ponderosa pine grassland
211	Creosote bush scrub (including Joshua tree)
212	Blackbrush
216	Montane meadows (wet and dry)
217	Wetlands
401	Basin big sagebrush
402	Mountain big sagebrush
403	Wyoming big sagebrush
405	Black sagebrush
408	Other sagebrush types
409	Tall forb
410	Alpine rangeland
411	Aspen woodland
412	Pinyon-juniper woodland
413	Gambel oak
414	Salt desert shrub
415	Curlleaf mountain-mahogany
416	True mountain-mahogany
418	Bigtooth maple
421	Chokecherry-Serviceberry-Rose
422	Riparian
501	Saltbush-Greasewood
502	Grama-Galleta
N/A	Montane grasses (see below)
N/A	Not found

Because the information needed to adequately classify exclosures into one of the following range types was often unavailable, we aggregated the following range types into a single “Montane grasses” type:

Code	Range Type Description
302	Bluebunch wheatgrass-Sandberg bluegrass
303	Bluebunch wheatgrass-western wheatgrass
304	Idaho fescue-bluebunch wheatgrass
308	Idaho fescue-tufted hairgrass
309	Idaho fescue-western wheatgrass

Although potentially appropriate, we did not use the following range types:

Code	Range Type Description
104	Antelope bitterbrush-bluebunch wheatgrass
105	Antelope bitterbrush-Idaho fescue
107	Western juniper-big sagebrush-bluebunch wheatgrass
210	Bitterbrush
301	Bluebunch wheatgrass-blue grama
306	Idaho fescue-slender wheatgrass
310	Needle-and-thread-blue grama
404	Threetip sagebrush
406	Low sagebrush
417	Littleleaf mountain-mahogany
419	Bitter cherry
420	Snowbrush
504	Juniper-pinyon pine woodland (SW type)

Animals Excluded and Part Studied

We used combinatorial codes to populate the part-description fields [Parts].[Animals Excluded] and [Studies].[Part Studied]. While Yes/No fields might have been easier to apply, the combinatorial codes (limited set) should be easier to understand.

- Note that any enclosure that excludes game also excludes livestock by default (these fields are not strictly independent).
- We combined the two major kinds of livestock (sheep and cattle) and the two major kinds of game (elk and deer) because fences designed to exclude one are likely to exclude the other.
- We distinguished rabbits, rodents, and gophers because in most cases it was not clear whether range professionals meant to refer to rabbits or true rodents.
- Studies conducted at an enclosure site after the enclosure had been removed were referred to by the part type that used to occur at that location.

We used the following codes to populate the [Parts].[Animals Excluded] and [Studies].[Part Studied] fields:

Code	Interpretation
AX	Antelope and livestock excluded
DRX	Deer, elk, livestock, and rabbits excluded
DX	Deer, elk, and livestock excluded
LGX	Livestock and gophers excluded
LMX	Livestock and rodents excluded
LRX	Livestock and rabbits excluded
LX	Livestock excluded
RR	Livestock excluded
NF	Not found

These codes are exclusive to the [Studies].[Part Studied] field:

Code	Interpretation
OP	Outside (matched) open range plot
NP	Nearby (not matched) open range plot

Fence Type

We used the following standard values to populate the [Parts].[Fence Type] field:

3-strand wire	Electric
3-strand let-down	Log
4-strand let-down	Net wire
4-strand wire	Net wire let-down
5-strand wire	Post and pole
6-strand let-down	Not found
6-strand wire	
9-strand wire	

Alterations, Treatments, and Disturbance Description

Because many exclosures have experienced a combination of alterations, treatments, and disturbances, we did not use standard values to populate the [Alterations Treatments and Disturbances].[ATD Description] field. However, we did use standardized key words to describe the different kinds of alterations, treatments, and disturbances. Therefore, a single record may contain any combination of the following key words in the [Alterations Treatments and Disturbances].[ATD Description] field:

- Burned
- Chained
- Cut
- Fertilized
- Harvested
- Planted (with grasses, forbs, and/or shrubs)
- Plowed
- Railed
- Ripped
- Seeded (with grasses, forbs, and/or shrubs)
- Sprayed
- Trenched
- Broken fence repaired (default)

Quantitative Vegetation Studies

Table II.1 lists the forms that we classified as quantitative vegetation studies for the [Studies].[Quantitative] field.

Table II.1. Forms used to populate the [Studies].[Quantitative] field.

Agency	Form Title	Form Code	Form Number
USFS	Age Class of Shrubs Field Data Sheet	ACS	None
USFS	Age-Form Class Height and Availability of Shrubs	SHRUBS	ANF 1991
USFS	Browse Twig and Leaf Utilization	BU	None
USFS	Browse Utilization	BU	222-R-4 rev. Dec. 1957
USFS	Browse Utilization Field Notes	BU	None
USFS	Browse Utilization Summary Sheet		R4-2600-2 (5/61)
USFS	Computation of Frequency and Trend	CFT	None (ANF)
USFS	Cover Analysis	CA	None
USFS	Cover Data Form	CDF	None
USFS	Cover Transects Summary Form for a Site	CT Sum	None
BLM	Data Summary Inside Nested Plot	DSINP	None
USFS	Density, Height, Age Class, Form Class, and Availability of Shrubs	SHRUBS	None
USFS	Ecological and Resource Value Scorecard	ERVS	R4-FS-2200-42 (4/86)
USFS	Green Line Cross Section Composition Level III	GLCSC	None
USFS	Green Line Summary Sheet Level III	GLSS	None
BLM	Ground Cover and Frequency Data	GCFD	NV 6630-2 January 1984
USFS	Ground Cover Point Method	GCPM	None

Table II.1, continued. Forms used to populate the [Studies].[Quantitative] field.

Agency	Form Title	Form Code	Form Number
USFS	Guide to Rating Ecological Status and Resource Values	Guide to Rating ESRV	R4-FS-2200-41 (4/86)
USFS	Height, Age Class, Form, Availability, and Density of Shrubs	SHRUBS	None
BLM	Key Browse Species Transect	KBST	6630-2 (November 1968)
USFS	Line Intercept Data	LID	R4-2200-6 (mod. 4/02)
USFS	Line Intercept and Shrub Density Data	LISDD	R4-2200-6 (mod. 4/02)
USFS	Line Intercept and Shrub Density Summary	LISDS	R4-2200-6 (mod. 4/02)
USFS	Line Intercept Record	LIR	214-R-4 Nov. 1957
USFS	Line Intercept Record	LIR	R4-2600-5 2/63
USFS	Line Intercept Record	LIR	R4-2600-5 (June 1966)
USFS	Line Intercept Record	LIR	R4-2600-5 11/70
USFS	Line Intercept Record	LIR	None (ANF 1995)
USFS	Line Intercept Record Summary	LIR Sum	None (ANF)
USFS	Line Intercept Trend	LIT	None
USFS	Live Vegetation Composition/Structure	LVCS	None
USFS	Nested Frequency and Ground Cover	NFGC	ANF 1998
USFS	Nested Frequency Data	NFD	R4-2200-22 (4/86)
USFS	Nested Frequency Data	NFD	R4-2200-22A (6/89)
USFS	Nested Frequency Data Summary	NFDS	None
BLM	Nested Frequency Record	NFR	None
USFS	Nested Frequency-Shrub Density Plot Layout		None
USFS	Nested Frequency/Shrub Density Summary	NFSDS	None
USFS	Nested Frequency Transects-Summary Form for a Site	NFT Sum	R4-2200-49 (1/93) modified
USFS	Nested Plot Frequency Worksheet	NPFW	None
USFS	Ocular Cover Data	OCD	None (ANF)
USFS	Ocular Crown Cover Data	OCCD	None
USFS	Ocular Estimate of Crown Cover	OECC	None
USFS	Ocular Ground Cover Data	OGCD	None
USFS	Parker Tabulation Sheet	PTS	01-2200-23
USFS	Pellet Group Count Record	PGCR	R4-2600-1 5/64
USFS	Period Trend Record	PTR	None
USFS	Photo Plot Transect Vegetation Map		R4-2200-35 5/63
USFS	Preliminary Score Card Vegetation Condition Guide		None
USFS	Preliminary Score Card Vegetation Trend Guide		None
USFS	Preliminary Score Card Soil Condition Guide		None
USFS	Preliminary Score Card Soil Trend Guide		None
USFS	Quadrat form (two sides: Quadrat Map and Quadrat Data)	QM & QD	Ogden 9-3-25
USFS	Quadrat form (two sides: Quadrat Map and Quadrat Data)	QM & QD	G3 D4 Ogden-8-6-27
USFS	Quadrat form (two sides: Quadrat Map and Quadrat Data)	QM & QD	279 R-4 July 1958
USFS	Range Condition and Trend Site Analysis	RCTSA	DNF and FNF, 6/15/01
USFS	Range Study Photo Field Record		R4-2200-4 June 1959
BLM	Range Trend Data	RTD	None
BLM	Range Trend Plot Data	RTPD	4412-19 April 1967
BLM	Range Trend Plot Data	RTPD	4412-19 July 1968
BLM	Range Trend Plot Data	RTPD	4412-19 July 1971

Table II.1, continued. Forms used to populate the [Studies].[Quantitative] field.

Agency	Form Title	Form Code	Form Number
BLM	Range Trend Plot Data	RTPD	4412-19 October 1975
BLM	Range Trend Study Data	RTSD	None
BLM	Range Utilization Key Forage Plant Method	RU	4412-12 April 1966
USFS	Record of Line Transect	RLT	R4-2200-19 (5/82)
USFS	Record of Permanent Line Transect	RPLT	None
USFS	Record of Permanent Line Transect	RPLT	172-R4 July 1957
USFS	Record of Permanent Line Transect	RPLT	172-R4 May 1958
USFS	Record of Permanent Line Transect	RPLT	R4-2200-19 Jan. 1961
USFS	Record of Permanent Line Transect	RPLT	R4-2200-19, 5/64
USFS	Record of Permanent Line Transect	RPLT	R4-2200-19 5/82
USFS	Resource Field Data Record	RFDR	None
USFS	Riparian Green Line Transect Data	RGLTD	None
USFS	Shrub and Tree Density and Cover Analysis	STDCA	None (MLSNF)
USFS	Shrub Age-Form Class Height and Hedging Summary	SHRUBS Sum	None
USFS	Shrub Density, Age, Height Class, Form Class, and Hedging Category Summary	SHRUBS Sum	ANF 1995
USFS	Site Analysis	SA	R4-2200-13, 5/64
USFS	Site Analysis	SA	R4-2200-13 4/81
USFS	Site Analysis	SA	R4-2200-13 8/81
USFS	Site Analysis for Special Studies	SASS	01-2200-19 9/65
USFS	Site Analysis Summary	SAS	R4-2200-14 8/81
BLM	Soil Vegetation Inventory Method	SVIM	4412-27 June 1979
BLM	Soil-Vegetation Inventory Method	SVIM	4412-27 April 1982
BLM	Species Frequency Data	SFD	None
USFS	Statistical Summary of Transects	SST	01-2200-3 3/70
USFS	Step III Photo Record		R4-2200-7, July 1959
USFS	Step III Photo Record		R4-2200-7, 4/66
USFS	Step III Photo Record		01-2600-7 10/67
USFS	Step III Photo Record		R4-2200-7 8/68
USFS	Studies Site Analysis Summary	SSAS	01-2200-20 9/65
USFS	Study Transect Summary	STS	None (MLSNF)
USFS	Summary Nested Frequency Transect	SNFT	None (MLSNF)
USFS	Summary Nested Frequency Transects for a Site	NFT Sum	None
USFS	Summary of Transect Cluster	STC	R4-2200-21 5/64
USFS	Summary of Transect Cluster	STC	2200-21 3/66, DPSU/66 1573-22
USFS	Summary of Transect Cluster	STC	R4-2200-21 3/80
USFS	Summary of Transect Cluster	STC	R4-2200-21 6/82
USFS	Summary of Range Trend Data	SRTD	R4-2200-20 6/82
USFS	Summary of Transect Cluster and Current Range Condition and Trend Rating		rev. Feb. 1953
USFS	Summary of Transect Cluster and Current Range Condition and Trend Rating		156-R-4 June 1958
USFS	Summary of Transect Cluster and Current Range Condition and Trend Rating		R4-2200-21 March 1961
USFS	3-Step Method for Measuring Trend in Range Condition		R4-2200-7 July 1959
SCS	Total Annual Yield and Composition Record	TAYCR	UT-25 (rev. 1/64)
USFS	Transect Cluster Summary and Current Range Condition and Trend Rating	TCS	None

Table II.1, continued. Forms used to populate the [Studies].[Quantitative] field.

Agency	Form Title	Form Code	Form Number
USFS	Tree and Shrub Cover Analysis	TSCA	MLS-2600-1 4/63
USFS	Tree and Shrub Cover Analysis	TSCA	MLS 2600-1 3/65
USFS	Tree and Shrub Cover Analysis	TSCA	10-2600-1 10/67
BLM	Trend Study Data Quadrat Frequency Method	TSDQFM	None
BLM	WC&D Data Sheet	WC&D	None

Qualitative Vegetation Studies

Table II.2 lists the forms that we classified as qualitative vegetation studies for the [Studies].[Qualitative] field.

Table II.2. Forms used to populate the [Studies].[Qualitative] field.

Agency	Form Title	Form Code	Form Number
USFS	Apparent Trend	AT	R4-2200-25 7/64
BLM	Ecological Site Field Form	ESFF	None
USFS	Experimental Enclosures	EE	None
USFS	Experimental Enclosure Report (two sides)	EER	G-7 D4 Ogden –11-18-27
USFS	Experimental Enclosure Report		G-7 R-4 revised January 1940
BLM	Forage Survey Write-up (Ocular Reconnaissance Method)	FSTWU	4412-1 November 1970
USFS	Grazing Enclosure Report	GER	None
USFS	Grazing Impact Analysis	GIA	R4-2200-8 April 1960
USFS	Grazing Impact Study Form	GISF	R4-2200-8 July 1959
USFS	Grazing Reconnaissance Note Sheet	GRNS	7640 rev. March 1924
USFS	Individual Species Plot Report	ISPR	20-R-4 rev. October 1937
USFS	Individual Species Plot Report	ISPR	20 R-4 revised May 1947
BLM	Observed Apparent Trend	OAT	None
USFS	Photo Plot Transect Condition Record	PPTCR	R-4-2200-38 10/64
USFS	Photo Plot Transect Condition Record	PPTCR	R4-2200-38 11/79
USFS	Photo Plot Form E Vegetation	PP Form E	None
USFS	Plant Community Analysis		10-2200-25
BLM	Range Condition Transect Score Card	RCTSC	4-1419, July 1959
BLM	Range Condition Classification	RCC	.23B5e (3)
USFS	Range Revegetation Project Sheet	RRPS	85 R-4 July 1953
USFS	Sample Plot Report	SPR	None
USFS	SAMPLE PLOT – Transect	SPT	None
USFS	Soil Description form		MLS-2500-2 6/62
BLM	Stream Habitat and Channel Stability Survey		UT-06-6671-2 Nov. 1975
BLM	Stream Habitat Survey Field Form		USO 6671-1 June 1975
USFS	Summary for Grazing Impact Analysis	SGIA	R4-2200-3 rev. April 1960

Other Forms

We also scanned a variety of additional forms when they included valuable information, but did not record these as studies in the digital database. These forms are listed in Table II.3.

Table II.3. Additional forms that did not qualify as quantitative or qualitative studies, but which were incorporated into the digital data set.

Agency	Form Title	Form Code	Form Number
USFS	Browse Utilization Data	BU	None
USFS	Browse Utilization Field Sheet	BU	R4-2600-17 (2/68)
USFS	Browse Utilization Study	BU	None
USFS	Browse Utilization Summary Sheet	BUS	R4-2600-2 (5/61)
BLM	Continuation Sheet		36, July 1966
NRCS	Ecological Site Description	ESD	None
BLM	Final Project Report	FPR	4-1209, March 1952
BLM	Improvement Documentation Report – Master		None
BLM	Job Documentation Report	JDR	1630-8 November 1972
BLM	Job Documentation Report	JDR	1732-1 March 1979
BLM	Job Documentation Report	JDR	1732-1 August 1981
BLM	Job Documentation Report	JDR	1744-1 June 1986
BLM	Job Inspection Record and Maintenance Schedule	JIRMS	7120-3 Sept. 1971
BLM	Lentic Standard Checklist		None (CCDO, rev. 99)
USFS	Location of Browse Utilization Transect	LUBT	None
BLM	Location Plat		4-1216 June 1952
BLM	Pellet Group Count Record	PGCR	R4-2600-1 (5/64)
BLM	Permanent Big Game Pellet Group Transect	PBGPGT	None
BLM	Project Completion Report	PCR	4-1209, July 1959
BLM	Project Completion Report	PCR	4-1209 August 1963
BLM	Project Completion Report	PCR	7220-5 January 1966
BLM	Project Completion Report	PCR	7220-5 February 1967
BLM	Project Estimate	PE	4-1208, March 1952
BLM	Project Estimate	PE	4-1208 August 1959
BLM	Project Estimate	PE	7220-1 June 1965
BLM	Project Estimate	PE	7220-1 April 1967
BLM	Project Expenditures		4-1145 August 1959
BLM	Project Expenditures Tally Sheet		4-1145, Revised Jan. 1951
BLM	Project Inspection Report	PIR	4-1161, August 1959
BLM	Project Inspection Record and Maintenance Schedule	PIRMS	1740-1 July 1986
USFS	Project Work Inventory-Project Sheet	PWIPS	674 rev. March 1941
USFS	Range Study Photo Field Record		R4-2200-4 (June 1959)
BLM	Range Trend Plot Location Data	RTPLD	4412-24 July 1971
BLM	Range-Wildlife-Watershed-Recreation Job Planning Checklist		CCDO-1732-1a
BLM	Rangeland Improvement Project System (RIPS) data entry		None
BLM	Record of Permanent Line Transect		4-1420 July 1959
BLM	Record Sheet for Permanent Pellet Group Transects	RSPPGT	None
BLM	Riparian Inventory Form		None
BLM	Riparian Project Inspection and Maintenance Record		1740-1a September 1989
BLM	Riparian Study Area Information	RSAI	None (CCDO)
BLM	Section Plat		R1-29 January 1954
NRCS	Soil Description	SD	None
BLM	Study Location and Documentation Data	SLDD	None

File-Naming Conventions

We used the following file-naming convention for data sheets associated with formal studies:

[Enclosure Name] [Year] [Part Studied] [Study Type] [Transect, Belt, or Plot #] [Form Type]

For the scanned file names, we used the abbreviated form codes given in the previous tables whenever possible to avoid operating system conflicts.

We also applied this file-naming convention to photographs associated with Parker 3-Step, Nested Frequency, and other formal data collection studies. We used the following file-naming convention for all other photographic documents:

[Enclosure Name] [Year] [Part Studied] [Photo Location] [Photo Document Type]

We used the codes given above for [Studies].[Part Studied] and study type. For scanned file names, we used the following shorthand to describe the photo document type:

CU PS	Close-up photo sheet (includes narrative information)
GV PS	General View photo sheet
OV PS	Overview photo sheet
FLC PS	Fence-line contrast photo sheet
CUP	Close-up photo (photo only)
FLCP	Fence-line contrast photo
GVP	General view photo
OVP	Overview photo
CUS	Close-up slide
FLCS	Fence-line contrast slide
GVS	General view slide
CPPS	Camera point photo sheet

Literature Cited

Shiflet, T.N., editor. 1994. Rangeland Cover Types of the United States. Society for Range Management, Denver CO. 152 p.