```
Subject:       Data dictionary
Database:      c:\dat\eco\dbecogrz\EXTG.db
This file:     c:\dat\eco\dbecogrz\datadct\EXTGDB.doc

To:            Users of the cas.db database
From:          George Wooten, creator
Date:          1990 (ASCII version on Data General) to 2-95 (1st Paradox version=
               EXTG.DB)

Document Type:      ASCII to Paradox
Table Format:       Paradox
Number of plots:    5023
Source of Data:     North Cascades Grizzly Bear Evaluation file EXTG.ALL (fli)->
                    EXTG.DB
                    MBSNF ecology plot data
                    Wenatchee NF ecology plot data
                    Okanogan NF ecology plot data
                    North Cascades National Park ecology plot data
Method:             Locations: GIS lookup tables, overlays of plots on
                    orthophotos and plots of spectral classes.
                    Field samlpled.
Authors:            Digitizing: G. Wooten, F. Streier, M. Mancuso, J. Engle, S.
                    Forker, D. Trappe.
                    Field Sampling: Wenatchee NF, MBSNF, Okanogan NF, NCNP
Associated files:   SPECTRAL.DB - Paradox database developed from this file.
                    EXTG.FLI - dereived Paradox database and flimport file to
                    create EXTG,DB
Summary information:     Number of records:  3323
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FIELD	Fmt	Description
PLOTNUM	S	Plot no.
QD	A3	Quad code
OBS1	A3	Forest or initials of Griz crew
OBS2	A1	district or year
AGR	A1	A(greement), G(roup Agreement), or no agreement between GIS LUT and observer determined spectral class
P45	S	Path 45 spectral class from GIS LUT
ANG	S	Sun angle from ANG.BAS azimuth 30, aspect 190 degrees
ELEV	S	Elevation
ASP	S	Aspect degrees
SLO	S	Slope degrees
DEN	A1	Densiometer E(stimated) or d(etermined by densiometer). Estimates calculated from amount of overstory cover times an overlap factor.
CAN	S	Densiometer reading
TCOX	A1	* for inaccurate TCON
TCON	S	total coniferous
TDEX	A1	* for inaccurate TDEC

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TDEC      S     total deciduous
OCOX      A1    * for inaccurate OCON
OCON      S     overstory coniferous
ODEX      A1    * for inaccurate ODEC
ODEC      S     overstory deciduous
UCOX      A1    * for inaccurate UCON
UCON      S     understory conferous
UDEX      A1    * for inaccurate UDEC
UDEC      S     understory deciduous
SBX       A1    * for inaccurate SHRUB
SHRB      S     total shrub
HBX       A1    * for inaccurate HERB
HERB      S     total herb
TBX       A1    * for inaccurate TBAR
TBAR      S     total bare
BARE      S     bare 0" - 1/4"
GRAV      S     gravel 1/4" - 4"
ROCK      S     4" up
BEDR      S     bedrock
LITT      S     litter (visible from 5')
MOSS      S     moss total
SLI       S     slichen
WAT       S     water (on day of plot)
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Description of the ASCII input database EXTG.FLI

FIELD	Fmt	Col	Len	Description
PLOTNUM	S	1	5	Plot no.
QD	A3	7	3	Quad code
OBS1	A3	11	3	Forest or initials of Griz crew
OBS2	A1	14	1	district or for griz, year, Z=zip, C=clearcut, S=standard plot
AGR	A1	16	1	A(greement), G(roup Agreement), or no agreement between GIS LUT and observer determined spectral class
P45	S	18	3	Path 45 spectral class from GIS LUT
P46	S	31	2	Path 45 spectral class from GIS LUT
ELEV	S	33	5	Elevation
ASP	S	39	3	Aspect degrees
SLO	S	43	2	Slope degrees
DEN	A1	46	1	Densiometer E(stimated) or d(etermined by densiometer). Estimates calculated from amount of overstory cover times an overlap factor.
CAN	S	47	3	Densiometer reading
TCOX	A1	51	1	* for inaccurate TCON
TCON	S	52	3	total coniferous
TDEX	A1	56	1	* for inaccurate TDEC
TDEC	S	57	3	total deciduous

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OCOX          A1      61    1      * for inaccurate OCON
OCON          S       62    3      overstory coniferous
ODEX          A1      66    1      * for inaccurate ODEC
ODEC          S       67    3      overstory deciduous
UCOX          A1      71    1      * for inaccurate UCON
UCON          S       72    3      understory conferous
UDEX          A1      76    1      * for inaccurate UDEC
UDEC          S       77    3      understory deciduous
SBX           A1      81    1      * for inaccurate SHRUB
SHRB          S       82    3      total shrub
HBX           A1      86    1      * for inaccurate HERB
HERB          S       87    3      total herb
TBX           A1      91    1      * for inaccurate TBAR
TBAR          S       92    3      total bare
BARE          S       96    3      bare 0" - 1/4"
GRAV          S       10    3      gravel 1/4" - 4"
                      0
ROCK          S       10    3      4" up
                      4
BEDR          S       10    3      bedrock
                      8
LITT          S       11    3      litter (visible from 5')
                      2
MOSS          S       11    3      moss total
                      6
SLI           S       12    3      soil lichen
                      0
WAT           S       12    3      water (on day of plot, only recorded for
                      4            plots
                                   after a given time
```

The following corrections were made to the Data General version of EXTG.ALL on 2-1-95:
The following plots should have been marked as zip:
 375, 376, 380, 892, 893, 962, 982, 983, 984, 988, 989, 990, 994,
1211, 1213, 1262, 1263, 1310, 1311, 1321, 1325, 1330, 1342, 1344, 1432, 1435,
1471, 1473, 1490, 1494, 1520, 1521, 1695, 1700, 1709, 1874, 1889, 1894, 3023,
3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036,
3037, 3038, 7900.

Plot 764: BEDR is 0 not .0
Plot 1211, 1213, 3036 all have columns out of order due to missing herb data, change plot to zip.
Plot 1330 30% of plot is "Salix scopulina" change plot to zip.
Plot 1695: This should be a zip plot
            Herb = * blank
            TBAR = * 50
            BARE = BLANK
            GRV = BLANK
            RCK = 20
            BDR = 30
            LITT = BLANK

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            MOSS = BLANK
            SLI = BLANK
            WAT = BLANK
Plot 6228

            TBAR = 4
            GRAV = 1
```