



# DataPlus Mobile<sup>®</sup>

## Forms Builder

### For Windows Mobile and Windows 7,8,10



- Introduction
  - Overview of DataPlus Mobile
  - New Features
  - Case Studies
    - Forestry
    - Fisheries
    - Wildlife
- Services & Support



**Data Sheet 1 ( Stand / Plot / Tree )**

Date			Time				Region					
Forest			Stand				Acres					
Cruiser												
Plot Data			Tree Data					Tree Damage				
Plot Num	Plot Type	Plot Size	Tree Num	Spec	Total Height	Merch Height	DBH	I N D	S E V	P O S	C A T	C S E
<b>Comments</b>												



- Application Generator for laptop/desktop PC
- DPCedit for writing user programs
- Host Communication software
- Data Converter
  - Microsoft Access MDB Conversion
  - DBF Conversion
  - ASCII Conversion
  - Shapefile Conversion
  - Mapped Export to ODBC
- MS Windows Mobile/Embedded Handhelds or
- Win 7,8,10 Tablets/Laptops



## Data Sheet 1 ( Stand / Plot / Tree )

Date			Time				Region					
Forest			Stand				Acres					
Cruiser												
Plot Data			Tree Data					Tree Damage				
Plot Num	Plot Type	Plot Size	Tree Num	Spec	Total Height	Merch Height	DBH	I N D	S E V	P O S	C A T	C S E
<b>Comments</b>												



# Application Generator

www.elecdata.com

TUTOR\_61b - DataPlus Mobile

Application View Communications Utilities Preferences Help

Application  
Created: 11/12/1998  
Version: 001.001  
Last Edit: 10/03/2014  
Build: 43

Hierarchy  
Help

Stand  
Plot  
Tree  
Damage  
Wildlife  
Comments

Columns  
1. KEY\_A C15 (Hidden)  
2. Date C10  
3. Time C8  
4. Region N2.0  
5. Forest C3  
6. Stand C10  
7. Cruiser C3  
8. Acres N5.0

Data Format | General | Screen Define | User Programs | GPS | Branch Control

Application Tabs | Branch Tabs | Column Tabs

Help

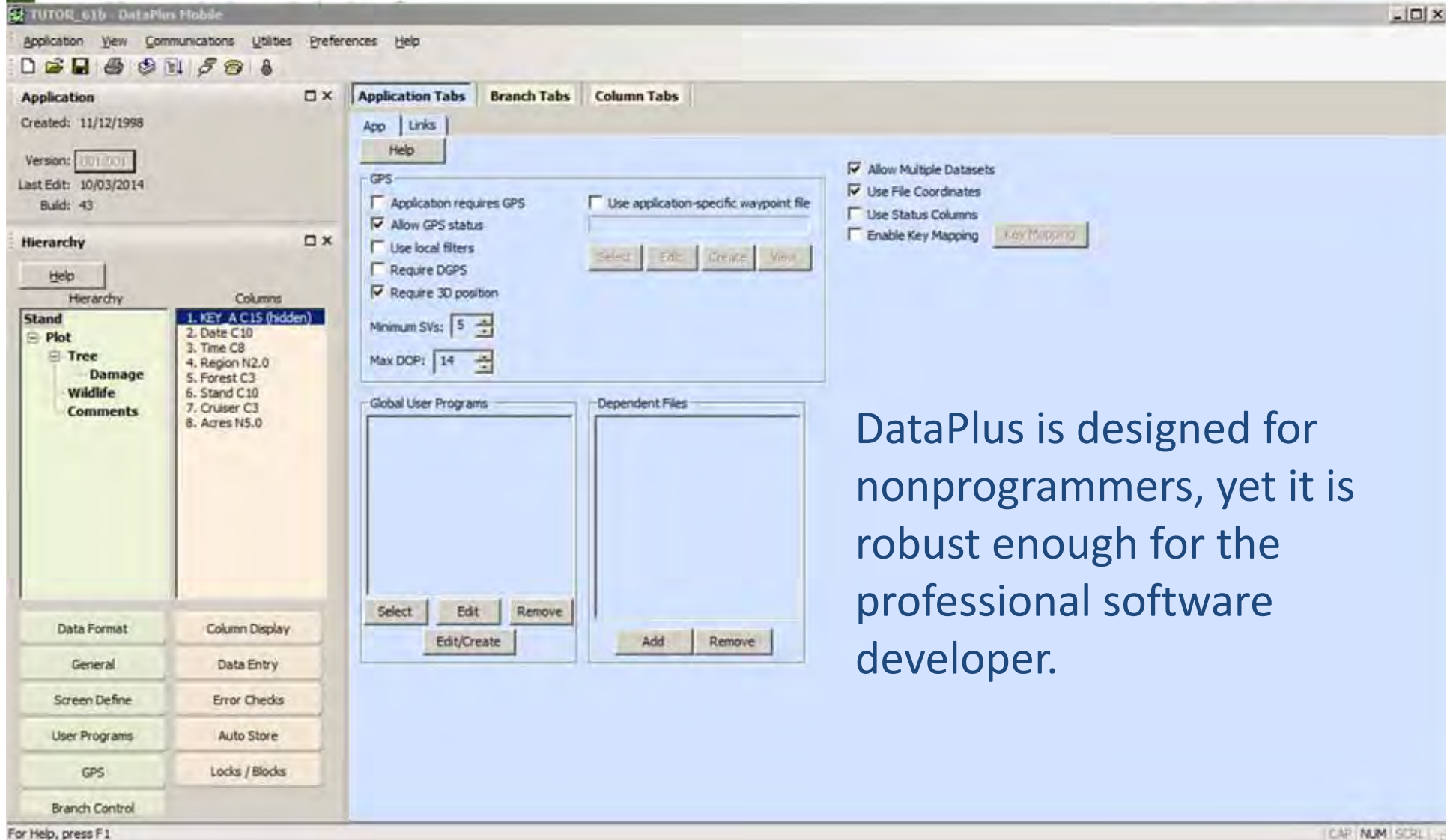
	ColumnName	Prompt1	Prompt2	Type	Size	Decimals	Key
1	KEY_A	NewCol		C	15	0	<input checked="" type="checkbox"/>
2	Date	Date		C	10	0	<input type="checkbox"/>
3	Time	Time		C	8	0	<input type="checkbox"/>
4	Region	Region		N	2	0	<input type="checkbox"/>
5	Forest	Forest		C	3	0	<input type="checkbox"/>
6	Stand	Stand		C	10	0	<input type="checkbox"/>
7	Cruiser	Cruiser		C	3	0	<input type="checkbox"/>
8	Acres	Acres		N	5	0	<input type="checkbox"/>

Add  
Insert  
Delete  
Edit  
Move Up  
Move Down  
Move To...

Data Format | Column Display  
General | Data Entry  
Screen Define | Error Checks  
User Programs | Auto Store  
GPS | Locks / Blocks  
Branch Control

For Help, press F1

CAP NUM SCRL



The screenshot displays the DataPlus Mobile application interface. The main window is titled "TUTOR\_61b - DataPlus Mobile" and features a menu bar with options: Application, View, Communications, Utilities, Preferences, and Help. Below the menu bar is a toolbar with various icons. The interface is divided into several panels:

- Application Panel:** Shows metadata such as "Created: 11/12/1998", "Version: 101/001", "Last Edit: 10/03/2014", and "Build: 43".
- Hierarchy Panel:** Contains a tree view under "Stand" with sub-items: Plot, Tree, Damage, Wildlife, and Comments. A "Columns" list is also visible, including "1. KEY\_A C15 (hidden)", "2. Date C10", "3. Time C8", "4. Region N2.0", "5. Forest C3", "6. Stand C10", "7. Cruiser C3", and "8. Acres N5.0".
- GPS Panel:** Includes checkboxes for "Application requires GPS", "Allow GPS status", "Use local filters", "Require DGPS", and "Require 3D position". It also has input fields for "Minimum SVs: 5" and "Max DOP: 14".
- Global User Programs and Dependent Files Panels:** These panels are currently empty and contain buttons for "Select", "Edit", "Remove", "Edit/Create", "Add", and "Remove".
- Right-side Settings Panel:** Contains checkboxes for "Allow Multiple Datasets", "Use File Coordinates", "Use Status Columns", and "Enable Key Mapping". A "KEY MISSING" button is also present.
- Bottom Panel:** A grid of buttons for "Data Format", "Column Display", "General", "Data Entry", "Screen Define", "Error Checks", "User Programs", "Auto Store", "GPS", "Locks / Blocks", and "Branch Control".

At the bottom left, a status bar reads "For Help, press F1". At the bottom right, there are icons for "CAP", "NUM", and "SCRL".

DataPlus is designed for nonprogrammers, yet it is robust enough for the professional software developer.



# DataPlus® Mobile Features

The screenshot displays the DataPlus Mobile application interface. The title bar reads "TUTOR\_G1b - DataPlus Mobile". The menu bar includes "Application", "View", "Communications", "Utilities", "Preferences", and "Help". The toolbar contains icons for file operations and navigation.

**Application Panel:** Shows metadata including "Created: 11/12/1998", "Version: 001.001", "Last Edit: 10/03/2014", and "Build: 43".

**Hierarchy Panel:** Features a tree view under "Stand" with a red circle highlighting the "Plot" branch. The "Plot" branch contains "Tree", "Damage", "Wildlife", and "Comments". To the right, a "Columns" list includes: "1. KEY\_A C15 (hidden)", "2. Date C10", "3. Time C8", "4. Region N2.0", "5. Forest C3", "6. Stand C10", "7. Cruiser C3", and "8. Acres N5.0".

**Application Tabs:** Includes "Application Tabs", "Branch Tabs", and "Column Tabs".

**GPS Settings:** Includes checkboxes for "Application requires GPS", "Allow GPS status", "Use local filters", "Require DGPS", and "Require 3D position". It also features a "Use application-specific waypoint file" checkbox and a text input field. Minimum SVs is set to 5 and Max DOP is set to 14. Buttons for "Select", "Edit", "Create", and "View" are present.

**Global Settings:** Includes checkboxes for "Allow Multiple Datasets", "Use File Coordinates", "Use Status Columns", and "Enable Key Mapping". A "Key Mapping" button is also visible.

**Global User Programs and Dependent Files:** Two empty panels with "Select", "Edit", "Remove", "Edit/Create", "Add", and "Remove" buttons.

**Bottom Panel:** Contains buttons for "Data Format", "Column Display", "General", "Data Entry", "Screen Define", "Error Checks", "User Programs", "Auto Store", "GPS", "Locks / Blocks", and "Branch Control".

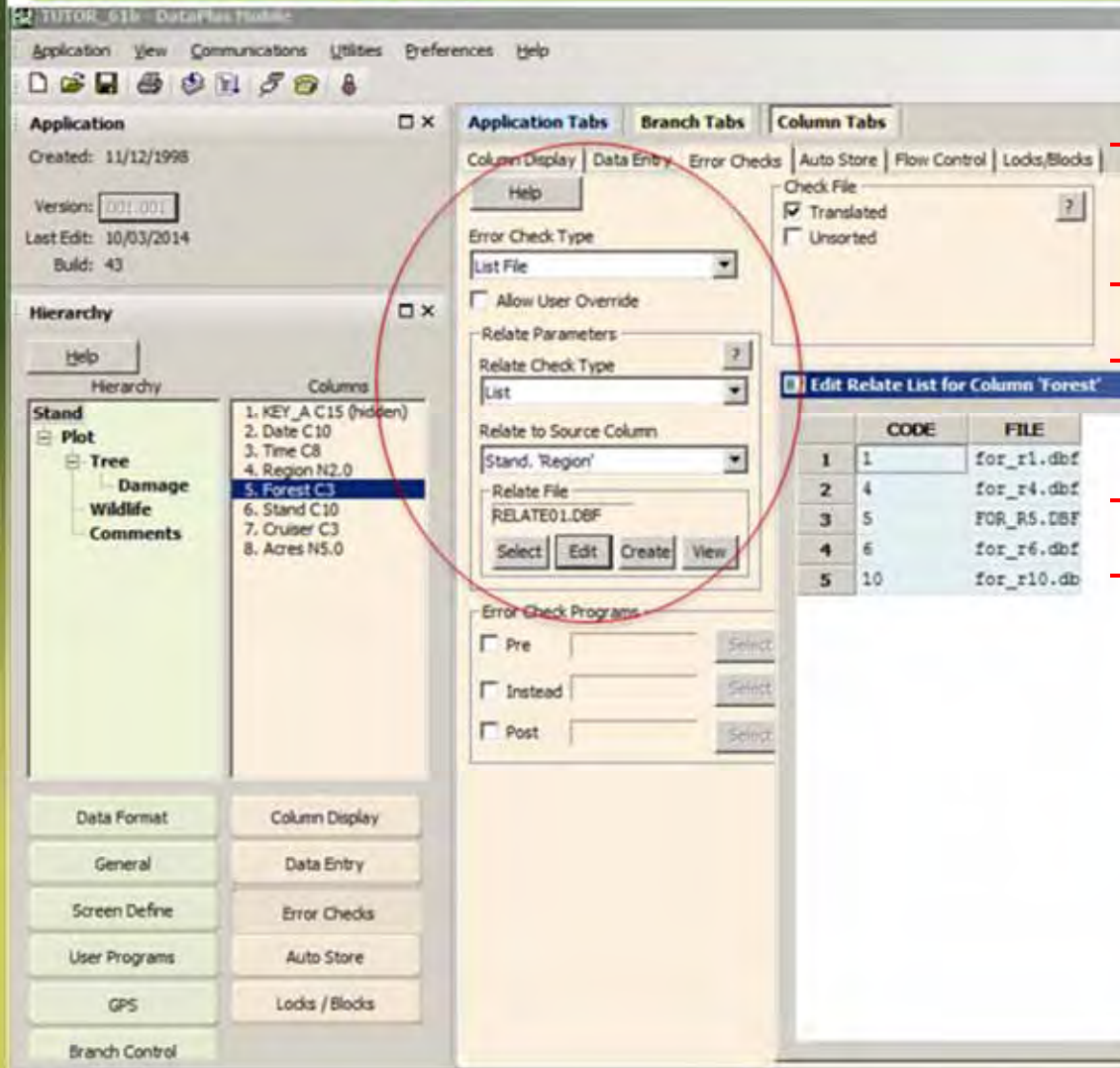
At the bottom left, it says "For Help, press F1".

Multiple data levels – up to five data levels with up to 26 branches for each level, 250 columns

## Keyboard, TouchScreen, External Device Input:

- GPS receivers
- Laser rangefinders
- Electronic scales
- Bar code scanners
- Digital Calipers
- Bluetooth wireless serial  
- eliminates cables
- Water quality multi-parameter sensors





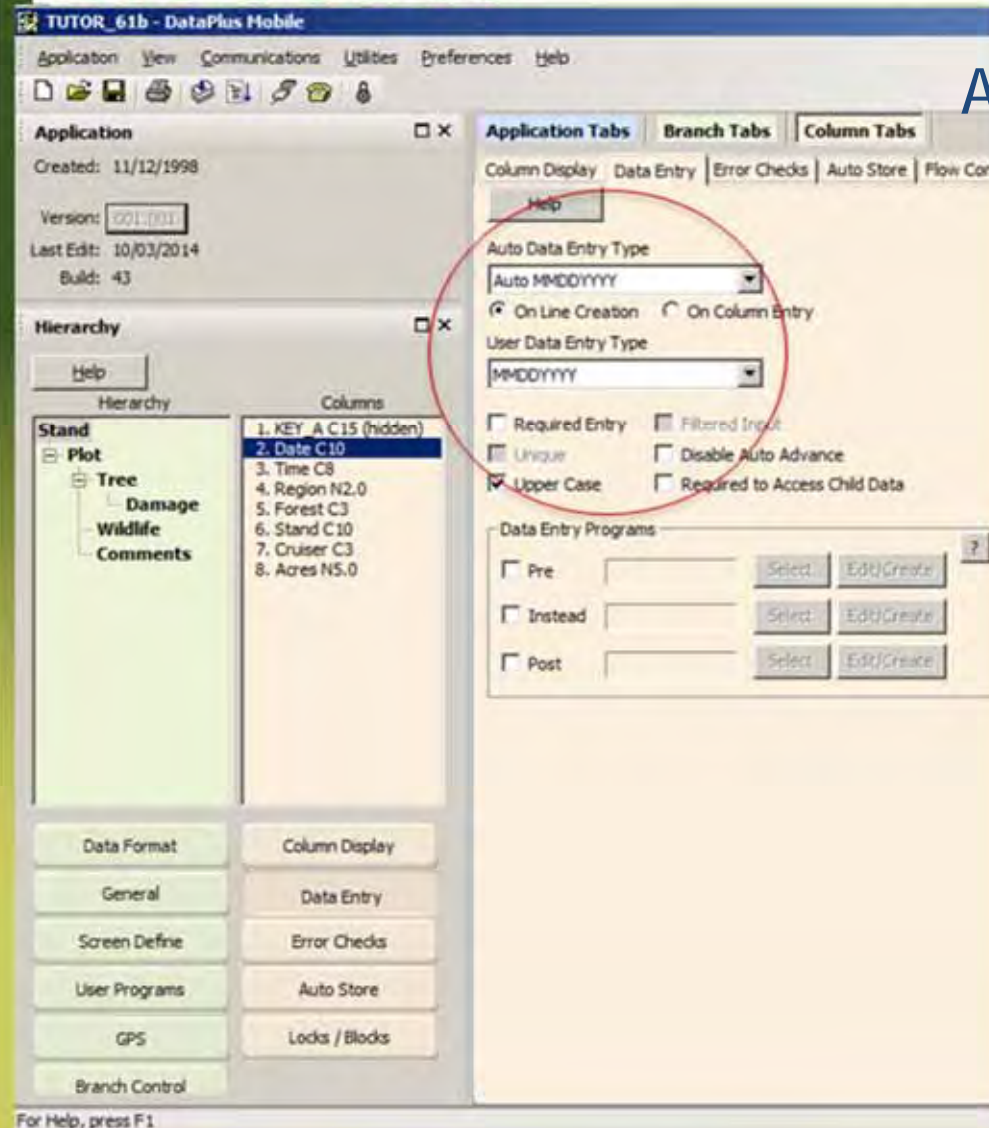
- Data Error Checking In The Field
- Minimum/maximum range checks
- List checks
- Error checks related to data in other columns
- User error check programs
- Missing data checks






# Features To Accelerate Productivity

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## Automated Data Entry Functions

- Copy data forward
- Increment value from the cell above
- Read date & time from internal time clock
- Preload constant data
- Random number generator

 **JUNIPER**<sup>®</sup>  
SYSTEMS



For Help, press F1

## Customization of Screens

- Choice of line display, line-align display or virtual display
- Double lined prompts
- Show column on subsequent screens
- View only or hidden columns
- Custom help messages for each column
- Easily format data for different hand helds







Application

Created: 11/12/1998

Version: 001.001

Last Edit: 12/05/2014

Build: 43

Hierarchy

Help

Hierarchy

Columns

- Stand
  - Plot
    - Tree
      - Damage
      - Wildlife
      - Comments

- 1. KEY\_A C15 (hidden)
- 2. KEY\_AA C10 (hidden)
- 3. KEY\_AAB C10 (hidden)
- 4. Latitude N14.9 (hidder)
- 5. Longitude N14.9 (hiddi
- 6. Spec C6
- 7. Code C1
- 8. Nnbr N3.0
- 9. Use C6
- 10. Bearing N3.0
- 11. Distance N4.0

Data Format

Column Display

General

Data Entry

Screen Define

Error Checks

User Programs

Auto Store

GPS

Locks / Blocks

Branch Control

Application Tabs

Branch Tabs

Column Tabs

Column Display | Data Entry | Error Checks | Auto Store | Flow Control

Help

Hide

Clip 0

Column Help Message

N=Normal,E=Endangered,T=Threatened



## Four levels of touch screen support

- Touch Screen ignored
- Touch Screen to move to other fields or to bring up data validation for cell
- Touch Screen available for DP Edit Actions
- Options 2 and 3 plus Touch Screen Buttons for all Function keys





## Data Flow Control

- Jump Tables Allowing Movement to Specific Column Based on Data From Other Columns
- Column Searches
- Missing Data Checks





Application □ ×

Created: 11/12/1998

Version:

Last Edit: 10/03/2014

Build: 43

Hierarchy □ ×

Hierarchy	Columns
Stand	1. KEY_A C15 (hidden)
Plot	2. KEY_AA C10 (hidden)
Tree	3. Latitude N14.9 (hidden)
Damage	4. Longitude N14.9 (hidden)
Wildlife	5. PNO N3.0
Comments	6. Typ C1
	7. Size N4.2

- |   |   |
|---|---|
| <input type="button" value="Data Format"/>    | <input type="button" value="Column Display"/> |
| <input type="button" value="General"/>        | <input type="button" value="Data Entry"/>     |
| <input type="button" value="Screen Define"/>  | <input type="button" value="Error Checks"/>   |
| <input type="button" value="User Programs"/>  | <input type="button" value="Auto Store"/>     |
| <input type="button" value="GPS"/>            | <input type="button" value="Locks / Blocks"/> |
| <input type="button" value="Branch Control"/> |   |

Application Tabs Branch Tabs Column Tabs

App Links

GPS

Application requires GPS  Use application-specific waypoint file

Allow GPS status

Use local filters

Require DGPS

Require 3D position

Minimum SVs:

Max DOP:

- Allow Multiple Datasets
- Use File Coordinates
- Use Status Columns
- Enable Key Mapping

Global User Programs

Dependent Files



**Application**  X

Created: 11/12/1998

Version:

Last Edit: 10/03/2014

Build: 43

**Hierarchy**  X

Help

Hierarchy

Columns

**Stand**

- Plot
  - Tree
    - Damage
    - Wildlife
    - Comments

1. KEY\_A C15 (hidden)
2. KEY\_AA C10 (hidden)
3. KEY\_AAA C10 (hidden)
4. Tree N3.0
5. Spec C3
6. TTL N3.0
7. Mch N2.0
8. DBH N4.1

Data Format

Column Display

General

Data Entry

Screen Define

Error Checks

User Programs

Auto Store

GPS

Locks / Blocks

Branch Control

**Application Tabs** | **Branch Tabs** | **Column Tabs**

Column Display | Data Entry | Error Checks | Auto Store | Flow Control | Locks/Blocks

Help

Child Blocks

- Do not block
- Block access to all children if data present in this column
- Block access to specific children if data present in this column
- Block access to all children if data not present in this column
- Block access to specific children if data not present in this column

Available

Blocked

Sibling Blocks

- Do not block
- Block access to all siblings if data present in this column
- Block access to specific siblings if data present in this column
- Block access to all siblings if data not present in this column
- Block access to specific siblings if data not present in this column

Available

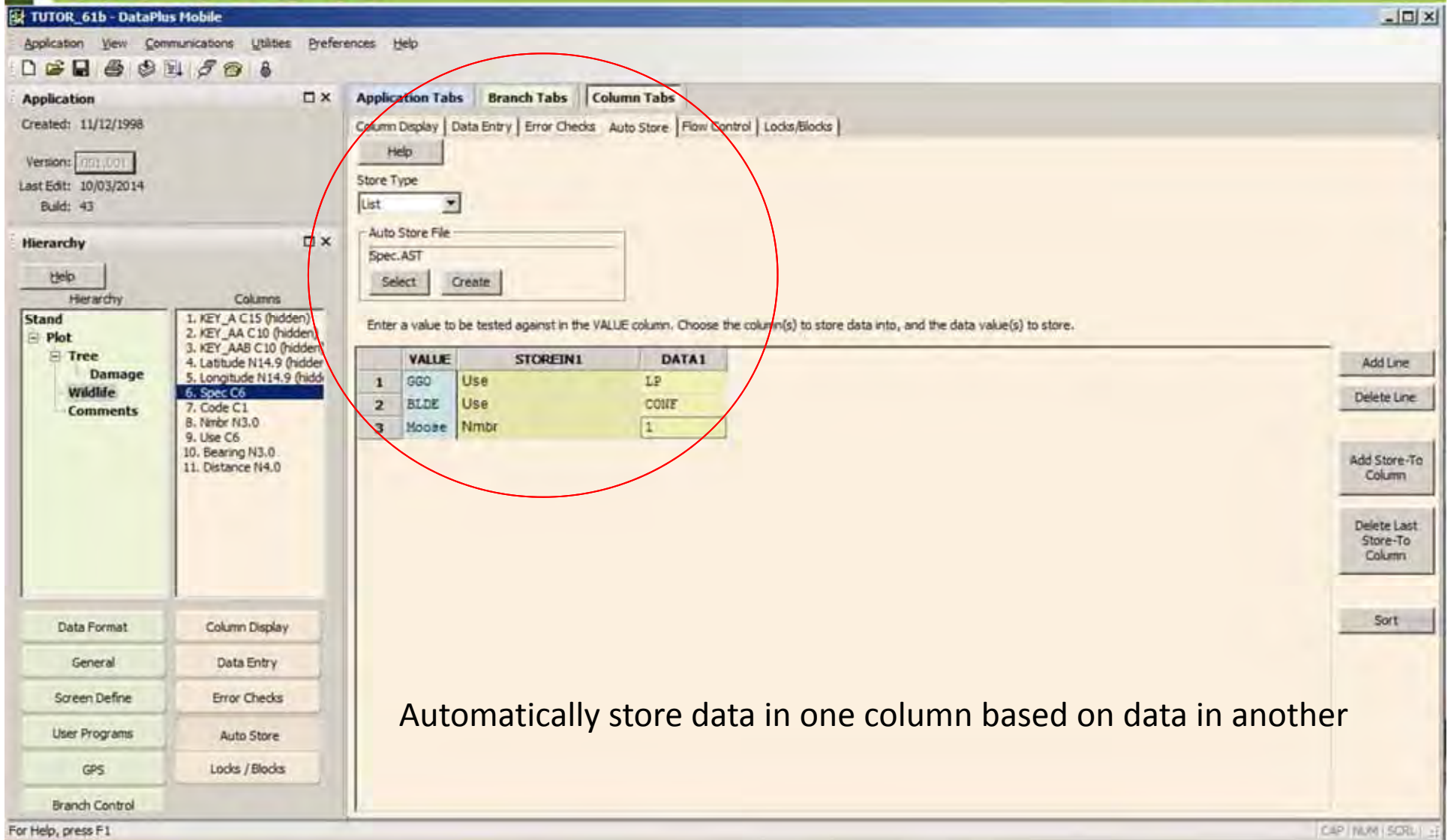
Blocked

Locks: Lock Column Data Depending on Child Data

- Do not lock
- Lock column data if any child data present
- Lock column data if specific children present

Available

Locked



The screenshot shows the 'DataPlus Mobile' application window. The 'Auto Store' tab is selected, and the 'Auto Store File' field is set to 'Spec.AST'. Below this, there is a table with columns 'VALUE', 'STOREIN1', and 'DATA1'. The table contains three rows of data:

	VALUE	STOREIN1	DATA1
1	GGO	Use	LP
2	BLDE	Use	COIE
3	Moose	Nimbr	1

Buttons for 'Add Line', 'Delete Line', 'Add Store-To Column', 'Delete Last Store-To Column', and 'Sort' are visible on the right side of the table.

Automatically store data in one column based on data in another



# New, Branch Control Feature

www.elecdata.com

**Application**  
Created: 11/12/1998  
Version: 001.001  
Last Edit: 10/03/2014  
Build: 43

**Hierarchy**

Hierarchy: Stand, Plot, Tree, Damage, Wildlife, Comments

Columns:  
1. KEY\_A C15 (hidden)  
2. KEY\_AA C10 (hidden)  
3. KEY\_AAA C10 (hidden)  
4. Tree N3.0  
5. Spec C3  
6. TTL N3.0  
7. Mch N2.0  
8. DBH N4.1

**Branch Control**

Available columns: Stand, Date, Stand, Time, Stand, Region, Stand, Forest, Stand, Stand, Stand, Cruiser

In use: Plot, Typ, Tree, Spec

To enter a numeric range, enter #-# (ex: 3-5). If the control column is a Key Number into Character Column entry type, leaving the column blank would match a column with no data entered.

Legend: Control Columns Affected Columns

Branch:	Plot	Tree	Tree	Tree	Tree	Tree
Column:	Typ	Spec	Tree	TTL	Mch	DBH
Format:	C1.0	C3.0	N3.0	N3.0	N2.0	N4.1
1	1	DF	Leave	Empty/Skip	Empty/Skip	Empty/Skip
2	2		Leave	Require	Leave	Require



- Easily accommodates different hand held display sizes





## Integrated Communications Software for MS Windows & Windows Mobile Devices

- User Friendly Overlay to MS ActiveSync/Windows MDC
- File transfer between PC & hand-held/GPS/Tablet
- Can run in the background or unattended





# DataPlus Host

www.elecdata.com

**DataPlus Mobile Host**

File Communications Tools Options Help

DPM Host Mobile Removable DataPlus PC

Send App Send Data Recv Data Install

Mobile version available: 4.03 [07/14/2015]

Status:

Mobile detected:  Yes    Software detected:  Yes    Unit Number: demo copy

[Acknowledge Errors](#)

Current Activity

```
09/21/2015 14:44:57 Mobile device connected. Serial number: F5AF3EC. Application: undefined.
09/21/2015 14:44:57 Mobile software version: 4.02 Date: 06/24/2015
09/21/2015 14:44:57 The mobile program has not been updated because the auto-update feature is off
09/21/2015 14:45:12 Sending application to remote device
09/21/2015 14:45:12 From path C:\ElecData\DataPlus Mobile\Apps
09/21/2015 14:45:12 To path \DataPlus Mobile\Apps
09/21/2015 14:45:12 TUTORIAL.dpa
09/21/2015 14:45:12 1 file sent successfully
09/21/2015 15:25:28 Disconnected from mobile device.
09/21/2015 16:16:10 Mobile device connected. Serial number: demo copy. Application: undefined.
09/21/2015 16:16:10 Mobile software version: 4.02 Date: 06/24/2015
09/21/2015 16:16:10 The mobile program has not been updated because the auto-update feature is off
09/21/2015 16:19:40 Disconnected from mobile device.
09/21/2015 16:19:57 Mobile device connected. Serial number: demo copy. Application: undefined.
09/21/2015 16:19:57 Mobile software version: 4.02 Date: 06/24/2015
09/21/2015 16:19:57 The mobile program has not been updated because the auto-update feature is off
09/21/2015 16:49:24 User has chosen not to overwrite application on mobile device.
09/21/2015 16:59:44 Disconnected from mobile device.
09/21/2015 16:59:56 Mobile device connected. Serial number: demo copy. Application: undefined.
09/21/2015 16:59:56 Mobile software version: 4.02 Date: 06/24/2015
09/21/2015 16:59:57 The mobile program has not been updated because the auto-update feature is off
```



```
DPCCedit - ser_gps
File Edit View Window Tools Help
[Icons]
DPCC ser_gps
: Delete all above this line when pasting from help for use
#nur temp
#string tstring 30
@main
{
;first check position quality
tstring=rcl_str_cache(6);get copy of Fix type
if(atoi(tstring)<1); 0=old or NO GPS 1=GPS, 2=DGPS
{
exit(0);if not DGPS, return FALSE to reject the data
}
;next convert latitude
tstring=rcl_str_cache(2);get copy of latitude string
temp=(atoi(strmid(tstring,2,12))/60.0) ;convert minutes portion to degrees
temp=temp+atoi(strmid(tstring,0,2));add on the degrees portion
if(strcmp(rcl_str_cache(3), "S")==0)
{
temp=0-temp;make negative for southern hemisphere
}
sto_str_cache(2,ftoa(temp,12,8));return to original location
; next convert longitude
tstring=rcl_str_cache(4);get copy of longitude string
temp=(atoi(strmid(tstring,3,12))/60) ;convert minutes portion to degrees
temp=temp+atoi(strmid(tstring,0,3));add on the degrees portion
if(strcmp(rcl_str_cache(5), "W")==0)
{
temp=0-temp;make negative for western hemisphere
}
}
```

Write "C" like User Programs for calculations, report printing, data manipulation, etc.



# Forestry Case Study

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Data Sheet 1 ( Stand / Plot / Tree )													
Date				Time				Region					
Forest				Stand				Acres					
Cruiser													
Plot Data			Tree Data					Tree Damage					
Plot Num	Plot Type	Plot Size	Tree Num	Spec	Total Height	Merch Height	DBH	I N D	S E V	P O S	C A T	C S E	C S E
<b>Comments</b>													

TUTOR\_61b - DataPlus Mobile

Application View Communications Utilities Preferences Help

Application  x

Created: 11/12/1998

Version: 000.000

Last Edit: 10/03/2014

Build: 43

Hierarchy  x

Help

Hierarchy Columns

- Stand
  - Plot
    - Tree
      - Damage
      - Wildlife
      - Comments

1. KEY\_A C15 (hidden)  
 2. Date C10  
 3. Time C8  
 4. Region N2.0  
 5. Forest C3  
 6. Stand C10  
 7. Cruiser C3  
 8. Acres N5.0

Application Tabs | Branch Tabs | Column Tabs

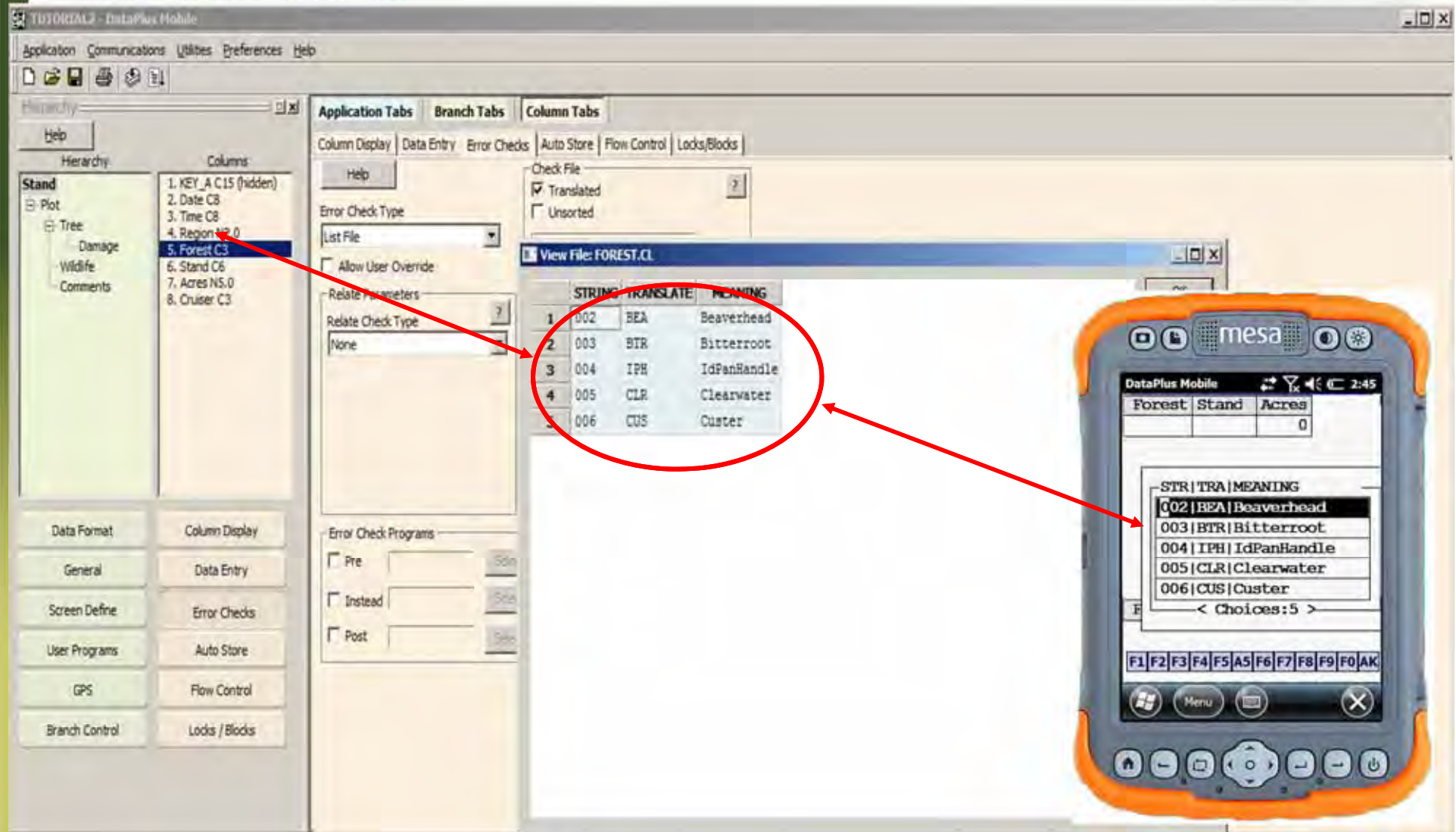
Data Format | General | Screen Define | User Programs | GPS | Branch Control

Help

	ColumnName	Prompt1	Prompt2	Type	Size	Decimals	Key
1	KEY_A	NewCol		C	15	0	<input checked="" type="checkbox"/>
2	Date	Date		C	10	0	<input type="checkbox"/>
3	Time	Time		C	8	0	<input type="checkbox"/>
4	Region	Region		N	2	0	<input type="checkbox"/>
5	Forest	Forest		C	3	0	<input type="checkbox"/>
6	Stand	Stand		C	10	0	<input type="checkbox"/>
7	Cruiser	Cruiser		C	3	0	<input type="checkbox"/>
8	Acres	Acres		N	5	0	<input type="checkbox"/>

Add  
 Insert  
 Delete  
 Edit  
 Move Up  
 Move Down  
 Move To...

Data Format | Column Display  
 General | Data Entry  
 Screen Define | Error Checks  
 User Programs | Auto Store  
 GPS | Locks / Blocks  
 Branch Control



The screenshot shows the DataPlus Mobile software interface. On the left, a hierarchy tree shows 'Stand' expanded to 'Forest C3'. The 'Columns' list includes '5. Forest C3'. The 'Error Checks' tab is active, showing a table of error checks. A red circle highlights the table, and a red arrow points from it to a handheld device on the right. The handheld device displays a menu titled 'DataPlus Mobile' with a table of error checks and a list of function keys (F1-F10).

STRING	TRANSLATE	MEANING
1 002	BEA	Beaverhead
2 003	BTR	Bitterroot
3 004	IPH	IdPanHandle
4 005	CLR	Clearwater
5 006	CUS	Custer

The handheld device displays the following menu:

```

STR | TRA | MEANING
002 | BEA | Beaverhead
003 | BTR | Bitterroot
004 | IPH | IdPanHandle
005 | CLR | Clearwater
006 | CUS | Custer
< Choices:5 >
  
```

Function keys: F1 F2 F3 F4 F5 A5 F6 F7 F8 F9 F0 AK

Page \_\_\_ of \_\_\_

Recorder: \_\_\_\_\_ Feedground: \_\_\_\_\_ Date: \_\_\_\_\_

GATE	SEX	AGE	Adult Female Age			RECAP	EAR TAGS	VIS COLLAR	BLOOD TUBE #	KEEP
			<5	6-9	>10					
1	M	Y				N	AB1234/AB1235	-		N
2	M	J				N	AB1236/AB1237	-		N
3	F	V				Y	XY1111/AB1238	A5	15-1111 (from barcode scanner)	N
	F	A	X			N	AB1239/AB1240	K2	15-5536	Y

COMMENTS:

## Elk Trapping



WYOELK - DataPlus Mobile

Application Communications Utilities Preferences Help

Hierarchy

Help

Hierarchy Columns

Trap Header  
L Trap Data

1. KEY\_A C15 (hidden)
2. KEY\_AA C10 (hidden)
3. Gate N2.0
4. Sex C1
5. Age C1
6. F\_age\_d C1
7. Recap C1
8. L\_EarTags C6
9. R\_EarTag C6
10. VIS C2
11. BloodTube C7
12. Keep C1

Data Format      Column Display

General          Data Entry

Screen Define    Error Checks

User Programs    Auto Store

GPS              Flow Control

Branch Control   Locks / Blocks

Application Tabs    Branch Tabs    Column Tabs

App    Links    Versioning    Security    Compilation

Help

GPS

Use local filters

Require DGPS

Require 3D position

Minimum SVs:

Max DOP:

Use application-specific waypoint file

Select    Edit    Create    View

Allow Multiple Datasets

Use File Coordinates

Use Status Columns

Enable Key Remapping    Key Remapping

Global User Programs

Dependent Files

Select    Edit    Remove

Edit/Create

Add    Remove

# Branch Control

WYOELK - DataPlus Mobile

Application Communications Utilities Preferences Help

Hierarchy

Application Tabs: Branch Tabs Column Tabs

Data Format | General | Screen Define | User Programs | GPS | Branch Control

Available columns:

- Trap Header, 'Recorder'
- Trap Header, 'Feed\_Groun'
- Trap Header, 'Date'
- Trap Data, 'Gate'
- Trap Data, 'F\_age\_d'
- Trap Data, 'Recap'

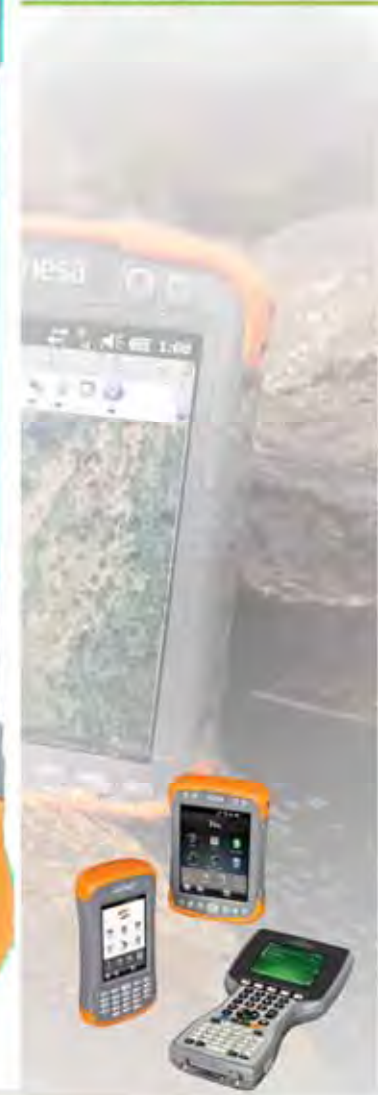
In use:

- Trap Data, 'Sex'
- Trap Data, 'Age'

To enter a numeric range, enter #-# (ex: 3-5). If the control column is a 'Key Number into Character Column' entry type, leaving the column blank would match a column with no data entered.

Legend: Control Columns: Affected Columns

Branch:	Trap Data Sex	Trap Data Age	Trap Data Gate	Trap Data F_age_d	Trap Data Recap	Trap Data L_EarTags	Trap Data R_EarTag	Trap Data VIS	Trap Data BloodTube
Column:	Sex	Age	Gate	F_age_d	Recap	L_EarTags	R_EarTag	VIS	BloodTube
Format:	C1.0	C1.0	N2.0	C1.0	C1.0	C6.0	C6.0	C2.0	C7.0
1	F	A	Require	Require	Require	Require	Require	Require	Require
2	F	Y	Require	Skip	Require	Require	Require	Require	Require
3	F	J	Require	Skip	Require	Require	Require	Require	Require
4	M	A	Require	Skip	Require	Require	Require	Skip	Skip
5	M	J	Require	Skip	Require	Require	Require	Skip	Skip
6	M	Y	Require	Skip	Require	Require	Require	Skip	Skip







# Error Check Translated

LADWE - DataPlus Mobile

Application Communicators Utilities Preferences Help

Hierarchy

Help

Hierarchy Columns

Level 1  
Tier2  
Browse

1. KEY\_A C15 (hidden)  
2. KEY\_AA C10 (hidden)  
3. KEY\_AAA C10 (hidden)  
4. Time C8 (hidden)  
5. Species C20  
6. Indicator C1  
7. P.N2.0  
8. U.N2.0  
9. PelletGrp C1

Data Format  
General  
Screen Define  
User Programs  
GPS  
Branch Control

Column Display  
Data Entry  
Error Checks  
Auto Store  
Flow Control  
Locks / Blocks

Application Tabs Branch Tabs Column Tabs

Column Display | Data Entry | Error Checks | Auto Store | Flow Control | Locks/Blocks

Help

Error Check Type  
List File

Allow User Override

Relate Parameters  
Relate Check Type: None

Error Check Programs  
 Pre  Instead  Post


Check File  
 Translated  
 Unsorted

SPECIES.CL

Source  
Select Error Check File  
Create Error Check File  
Import...  
Link...  
View Edit

View File: SPECIES.CL

	STRING	MEANING
1	ACIE	Acer negundo
2	ACRU	Acer rubrum
3	ACSP	Acer Sp.
4	ALJU	Albizia julibrissin
5	ALSE	Alnus serrulata
6	AMAR	Ampelopsis arborea
7	AMAR	Amelanchier arborea
8	AMCO	Ampelopsis cordata
9	AMFR	Amorpha fruticosa
10	ARSP	Arelia spinosa
11	ASTR	Asimina triloba
12	BAHA	Baccharis halimifolia
13	BESC	Berchemia scandens
14	BICA	Bignonia careolata
15	BROV	Brunnichia ovata
16	BOSP	Bumelia SP.
17	CAAM	Callicarpa americana
18	CACA	Carpinus caroliniana
19	CAFU	Castanea pumila
20	CARA	Campsis radicans

**DataPlus Mobile** 

Species	Indicator	P	U
Gelsemium sempervire	Y	2	1
Erythrina herbacea	N	1	0
Diospyros virginiana	Y	3	1
Sassafras albidum	N	1	0
Rhamnus caroliniana	Y	2	0
	N	1	0
Indicator Species			
F1-Help F2-List F4-Exit F5-Advance			





# DataPlus Mobile Packages & Pricing

[www.elecdata.com](http://www.elecdata.com)

DPM-PKG-MOB	DataPlus Mobile Application Generator and Hand Held Computer License for Windows Mobile Includes one copy of Application Generator, DPCedit Program Editor, Host Communications and Data Converter (now includes MDB, Shapefile, CVS, and ASCII), Data File Editor, plus one Windows Mobile Hand Held License with User Guide.	\$1,295
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DPM-FLD-WIN	DataPlus Field Kit for Windows 7/8 Mobile Device Includes one Windows 7/8 Mobile Device License and one copy of Host Communications, Data Converter (MDB, Shapefile, CVS, and ASCII data conversions), and DataPlus File Editor with User Manual.	\$795
DPM-HST	Additional Host Communications License for Windows Mobile and Windows 7/8 Devices Includes Data Converter (MDB, Shapefile, CVS, and ASCII data conversions) with User Manual.	\$550

# DataPlus Mobile Support

- Free telephone and e-mail support for one designated user for the first 90-days after product purchase. After the first 90-days free standard e-mail support in addition to paid support options
- **DPM-SUPAPP For Application Developers** \$395.00
  - 12-months of unlimited support for application development for one designated contact
    - Additional Users - \$195 per user per year
    - A toll free number and dedicated e-mail address, 1-2 hour response time

## DPM-SUPEU For End Users

12-months of unlimited support for DataPlus Mobile Operation

Additional Users \$150.00 per user

A toll-free number and dedicated e-mail address

## DPM-SUPPI Per Incident Support

\$49.95



- Contract with customer to create DPM application
  - Price based on hours of development time
  - Estimate can be provided based on existing paper data sheets or a detailed written description
  - DataPlus App Library



# DataPlus Users


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Idaho Fish & Game  
Utah Division of Wildlife Resources  
Florida Marine Fisheries Division  
Maine Dept. of Natural Resources  
Nez Pierce Tribe  
Rye Tree Service  
Oregon Dept. of Forestry  
Interpine Forestry  
Temple Inland  
Bureau of Indian Affairs  
Weyerhaeuser  
University of Alaska  
Wyoming Game and Fish  
Bureau of Land Management

USDA Forest Service  
Chehalis Indian Tribe  
WA Dept. of Natural Resources  
City of Logan, UT  
High Desert Timber  
Roseburg Forest Products  
Mason-Bruce Girard  
Potlatch  
Plum Creek Timber  
Fort Lewis Forestry  
Boise Cascade  
Duck Creek  
Integrated Resource  
Terra Verde



# To the Field & Back


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## Implementing GPS Data in your DataPlus Mobile Application — Part 2: Collecting Line or Polygon Data to an External File

Posted on [September 10, 2015](#) by [Steve Combs](#)



 **JUNIPER**<sup>®</sup>  
systems



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## Lesson 1: Creating a Basic Application

**GOAL** — To create and test a basic application on a PC that can later be copied to a handheld computer for use in the field.

### OBJECTIVES

- Use the **Application** tab
- Create the hierarchy for application **CRUISE**
- Use the **Data Format** tab
- Format columns for application **CRUISE**
- Save the application
- Compile and test the application with sample data.
- Use **keystroke help**
- Use **sibling jumps**

1. Open DPM Generator under Start> All Start> All Programs> DataPlus Mobile
2. Select **New** from the **Application** menu.
3. Type "CRUISE" in the **New Application** box.
4. Click **OK**.
5. To see all the option for this tutorial, we will be using the **Line** screen type till Lesson 3. Set **ScreenType** in the **Screen Define** on the **Branch Tab** to **Line**.



### Hierarchy

Next, we need to set up a file hierarchy like discussed in the introduction. In the hierarchy



- To **name** the branch, click on the highlighted branch name or hit F2. Then type the branch name and hit enter.
  - To **add** a branch to the highlighted branch, press the Insert key or right click on the parent branch and select **Add**. Then type the branch name and hit enter. Each parent file may have up to nine child branches.
  - To **delete** the highlighted branch, press the delete key or right click on the branch and select **Delete**. All children will be deleted with it.
6. In the hierarchy window, select "Level 1" and rename it.
    - Click on **Level 1**
    - Type "Stand"
    - Press **ENTER**.
  7. Create a child branch
    - Select **Stand** (if needed)
    - Press **INSERT**
    - Type "Plot".
    - Press **ENTER**.
  8. Select **Plot** and press Insert for each of its three child branches, naming them
    - Tree**
    - Wildlife**
    - Comments**

These three branches are called **siblings**
  9. Select **Tree**, press **INSERT**, and type "Damage" Press **ENTER**.
  10. Click the **Save** button to save the application.

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