

ADJUSTMENTS TO THE NC 3.0 FIELD GUIDE

Minor grammatical adjustments are not referenced in the following lists.
The higher impact adjustments are bold in the following lists.

Added a page with **Allegro Prompt Abbreviation, pages, and chapters.**

Section 0 - General Description:

- **Added an index for the Allegro Prompts**
- **Added a NC confidentiality statement to the Introduction portion of the field guide. Covers data request of Sensitive Data.**
- **Added an NC Note to 0.1. What to do if Subplots are mixed up in data entry.**
- **Added hierarchy of plot locations for images and coordinates. 0.1.2NC**
- Highlighted a couple of sentences about the Starting Point Tree. 0.1.4NC
- Added text to place SP within 5 chains of PC. 0.1.4NC
- **Moved last paragraph (Occasionally, while chaining in...) from 0.1.9NC to 0.1.6NC. It is now located a few paragraphs above Figure NC2A.**
- Added under “Location Correction” that a turning point can be eliminated by using the Plugger. 0.1.6NC
- Removed “(70 feet if re-measuring a 10 point plot)” from the second to last paragraph in 0.1.6NC.
- Adjusted the example in 0.1.7NC to reflect the 4 point cluster rather the old ten point cluster (subplot 2 rather 103 and 140 ft. 120 ft.).
- Changed reference of “Section 8” to “Section 1” in 0.1.8NC. (Section 8 was integrated into Section 1 and removed from the National Field Guide.)
- Added “your location lead, field supervisor” to “Have St. Paul send...a new download file” in 0.1.8NC.
- **Removed Husky directions from “How to Start the Plot without getting a new download file.” in 0.1.8NC.**
- Adjusted text on lost plots. 0.1.8NC
- **Added 0.1.10NC - NC DOQ LOCATION DIFFERENT THAN REMEASUREMENT PLOT LOCATION.**
- **0.1.10NC PREVIOUSLY DENIED ACCESS PLOTS**
If a plot was Denied Access (DA) during the last Cycle, it will be sent out in the new Cycle to see if access will be granted this time around.
 - Contact the current land owner to ask for permission
 - Code as DA if owner denies once again
 - If permission is granted, reference the previous Sample Kind (SK) on last Cycles plotsheet
 - If it is a SK 1,0 then it was a new measurement plot last time
Install the plot as a new plot but leave the current SK as 2
 - If the SK was 1,6 or 1,8 then attempt to locate the plotsheet from two Cycles back. If the plot was established 2 Cycles back, establish the plot in the old location. Then treat it as a new plot, but leave the SK as 2.

- If the SK was 1,6 or 1,8 and the plotsheet from two Cycles back can not be located, establish the plot at the 'X' on the photo. Treat it as a new plot, but leave the SK as 2.
- **Added 0.1.11NC - NC SUBPLOTS REVERSED IN DATA RECORDER.**
- **Added text about Non Forest QA plots. 0.1.13NC**
- **Added text about tree collection on plots that went from forested to non-forested. 0.1.14NC**

Section 1 – Plot Level Data

- **Section 8 of the National Field Guide was removed and many items from Section 8 were integrated into Section 1.**
- Added Microplot to NC Subplot center monumentation. 1.0.1NC
- **Added Tree and Sapling monumentation information. 1.0.2NC. Should this be in section 5???**
- Added text to avoid scribing trees if possible. 1.0.2NC
Adjusted text on how to place nails in trees. 1.0.2NC
- Added Re-painting guidelines to the monumentation section. 1.0.2NC
- Added 10 point cluster paint reference to the monumentation section. 1.0.2NC
- Deleted “Only required on subplots 1-4”. 1.0.3NC
- Added tree “mark” to reference tree info. 1.0.3NC
- Copied SP monumentation information for reserved plots and added it to Reference Tree information. 1.0.3NC
- Added “sub-cycles” to clarify panels. 1.1NC
- Adjusted Cycle and Subcycle numbers. 1.1NC and 1.2NC
- Added “NC Note” to retrieve a new plot number from lead, sup., or St. Paul. 1.3
- **Added Tallier and Cruiser text. 1.4NC and 1.5NC**
- Added a NC Note about Lost plots. 1.5
- **Added an NC note to call for a new number. 1.7**
- Added an NC Note to leave previously Denied Access plots that were granted access this time as SK 2. 1.7
- **Removed NC Sample Kind.**
- Grayed out Field Guide Version. 1.9
- Added NC notes to Crew Type. 1.15
- **Incorporated all GPS navigation instructions into this section. 1.16**
- **Added NC Note:** If unable to collect coordinates due to GPS not picking up satellites or is not functioning, DO NOT enter the PI coordinates or the previous crew coordinates. Leave the data item blank and make a note as to why it was left blank. 1.16.2
- GPS Datum was added nationally, but grayed out for NC. 1.16.5
- Grayed out Coordinate System. 1.16.6
- Removed SK 1 from when collected. 1.17.1NC
- Adjusted the Values to read 360 and not 0. 1.17.1NC
- Removed SK 1 from when collected. 1.17.2NC
- Adjusted from 3 digits to 5 digits for field width. 1.17.2NC

- **Added information to the beginning of the Land Owner section. Under NC Address. 1.20NC.**
- Adjusted NC owner information descriptions to read “the owner of the first forested condition defined on a plot”. When Collected defines for only owner group = 40. 1.20.2NC – 1.20.7NC
- Adjusted text on send info. 1.20.8NC
- **Added 1.20.9NC Landowner Contacts**
- **Added these two NC Notes:**
 - NC Note: On Nonforested plots that were previously forested, Plot Status will be ‘1’, Condition and Point Data will be completed, and all trees will need to be accounted for as either Live, Dead, or Removed. Trees will no longer receive a Status code of ‘0’.**
 - NC Note: Nonsampled plots only require the Plot Level Data Screen to be completed. All required condition, point, and tree data will be completed in the office.**
- Added to Send Info St. Paul: “If the land owner request information, find out what exactly they are looking for. Discuss the minimal level of measurement on their specific piece of property. Inform them of our web site, and offer to give them pamphlets and publications on FIA. If they request the data from the plot on there property, feel free to provide that, but be sure sensitive data is not disclosed. If they request future publications, St. Paul can fulfill that request, but it could be multiple years before it is sent.”

Section 2 – Condition Class

- **Added a NC Note to Condition Class Number to assign the same number as previous crew if possible. 2.4.2**
- **Added a NC Note to Reserved Status stating State Land may be reserved, but be certain doesn’t have a potential to be used for wood products. 2.5.1**
- **Added a NC Note stating that private in-holdings within reserved area are not reserved. 2.5.1**
- **Incorporated all Forest Type Descriptions into this section. 2.5.3**
- Added text to 2.5.7NC Private Acres. “Attempt to account for all of the owner acres throughout the US.”
- Added a NC Note to Private Owner Industrial Status stating that if an industry has property here and a processing facility elsewhere, go ahead and code it as industrial. 2.5.8
- **Added PowerPoint slides images to display when to jump a condition to include a strip of forest on the other side.**

Section 3 – Subplot Information

- Added text to re-use the previous Slope and Aspect data. 3.6 and 3.7
- Added text to collect Slope and Aspect across the entire plot if a portion is forested. 3.6 and 3.7

Section 4 – Boundary References

- Added text for right-of-way boundaries that have varied maintenance. 4.2
- Added text to Boundary Change where if there was a previous boundary on a point and now there isn't one, no Boundary Change is recorded. Also, if one was not and now is record a change. 4.2.3
- **Added an NC Note about remeasuring boundary data. If within 10 degrees leave same as last time. 4.1**

Section 5 – Tree and Sapling Data

- **Adjusted the NC Tree Table 3 to include required sapling measurements. 5.0**
- **Removed 5.0.1NC, 5.0.1.1NC, 5.0.1.3NC, 5.0.1.4NC, 5.0.1.5NC, 5.0.1.6NC.**
- **Moved 5.0.1.2NC to 5.7.1NC and added a couple of explanations.**
- **Removed the P3 paragraph from the NC Note. 5.2**
- Added a NC Note directing to DBH section if tree shrunk. 5.2NC
- **Added text on how to enter DRC measurements. 5.9.4**
- **Added a NC Note discussing trees near 24.0 feet. 5.5**
- **Added NC Note:** Only change download distance if it was obviously recorded incorrectly last time. 5.5
- **Adjusted text to reflect how to enter tree on nonforest plots. 5.7.1NC**
- Added a NC Note about ingrowth and reversions. 5.7.1
- Added a NC Note to explaining how to determine Standing Dead for bent or curved trees. 5.7.2
- Added a note to measure all Hawthorns. 5.8
- NC note now allows 356 (Serviceberry Spp.) to be coded. 5.8
- Added a NC Note not to change species codes unless sure. 5.8
- **Removed NC Note from Diameter. 5.9**
- Added a NC Note about measuring DBH below 4.5 feet. 5.9.2
- **Added Shrank Trees document. 5.9.2NC**
- Added a sentence to TCC explaining “benefit of a doubt” for small trees. 5.12NC
- Added metal stoppers to TCC. 5.12NC
- Moved paragraph after Excessive Crook or Sweep of TCC to location just before 41 class. 5.12NC
- Removed text “commercial species” from TCC and “live” from 40 class. 5.12NC
- **Added “Note:** Due to the tree form of Rocky Mountain Juniper (66), 20 Class will not be valid for these trees.” 5.12.NC
- Added new Tree Class illustrations. 5.12NC
- **Adjusted the TCC “Yes/No” chart. Removed the asterisk on the second row and change the “No” to a “Yes*”. Added “Only” to the “*” line.**
- Moved “calibrate eye for length” to the Length Section. 5.14 **Do we need this???**
- Moved the Tree Grading Defects section from Appendix 8 this section. 5.14NC
- Added a NC Note about multiple damages in a location. 5.20
- **Added more guidelines for Boughs Available. 5.28.1NC**

- **Added guidelines on entering Birch Bark info if the tree is broken. 5.29NC - Under Data Elements**
- Added guidelines for evaluating curvature. 5.29.1NC
- Deleted Husky text from surface features. 5.29.3NC
- Deleted text for all of the upper portion of Birch Bark data items. The now reference the lower portion text. 5.29.5-8NC
- Added Birch Bark Curvature illustrations. 5.29.1NC

Section 6 – Seedling Data

- Added a NC Note to measure to the terminal bud for seedling length. 6.0
- Added a NC Note that once a stump decomposes, each stump sprout seedlings can be counted individually.

Section 7 – Site Tree Information

- **Made multiple modifications to the NC Note Text. 7.1**

Section 15 – Invasives Plants Data

- **Added the Percent Cover Chart to the text.**

Appendix 2 – FIA Forest Type Codes

- **Moved Forest Type Descriptions into section 2.**

Appendix 8 – NC Regional Helps

NC Appendix items were either deleted or moved. There is now a national Appendix 8

- **Deleted the “List of specific instructions on re-measurement by state”**
- **Deleted the Tree Class Illustrations that were replaced by the new ones in section 5.**
- Moved the Tree Grading Defects section to 5.14NC.
- Moved sweep charts to the tatum guide section after volume charts.
- Moved “calibrate eye for length” to the Length Section. 5.14

Appendix 9 – NC GPS

- **Removed all GPS navigation instructions and incorporated them into section 1.**
- **Setup instructions remain in this section.**
- Changed “Auto” to “Magnetic” under Map Datum North Reference.