***Documentation***

*Lixi Kong Updated: 9/05/2015*

* Most of Lixi’s files edited starting Jun.2010 are in “MOOSHUBB\longterm\**lixi kong**” folder. There are folders where data were collelcted/edited before 2010, Lixi created a “**Lixi edit**” folder and put her edits there.
* In each folder, not all files are listed, and the important files were marked bold.
* Most folders made for a set of what data was used to produce the figures, SAS program produced the figures, etc.
* Most SAS programs have a note at the beginning about what the program does, who made the code, the first day the code was created and the last day the code was modified.
* I ran into a problem when I copied/pasted files between AFS and local computer, it erased SAS code in the SAS program files, research computing couldn’t figure out the reason, I tried not to move around files on AFS too much. Research computing does keep a backup of AFS files, to see yesterday’s back up, can go here: file://///afs/northstar/users/d/\_yesterday/drp/MOOSHUBB/longterm/

***“lixi kong” Folder***

This is where most of Lixi’s work is at. Folders included are listed as follows (sorted alphabetically), press Ctrl and click the folder name to go to details about that folder

* [**2003data**](#_2003data)
* [**Ca seed**](#_Ca_seed)
* [**Carbon content**](#_Carbon_Content)
* [**Correction&Fieldcehck**](#_Corrections&Fieldcheck)
* [**Data Logger1~4**](#_Data_logger_1-4)
* [**DataQAQC2010**](#_DataQAQC2010)
* **[DEMOplot](#_DEMOplot)**
* [**Documents**](#_Documents)
* [**GPS\_ELEV**](#_GPS_ELEV)
* [**Hazard**](#_Hazard)
* [**Hbrook**](#_Hbrook)
* [**Jim Code**](#_Jim_Code)
* [**JWH**](#_JWH)
* [**MainFrame Computer\_Linus**](#_MainFrame_Computer_Linux)
* [**MAS98NEW**](#_Mas98NEW)
* [**MEETING PPTS 2013-4**](#_MEETING_PPTS_2013-4)
* [**MoosRML**](#_MoosRML)
* [**Neighborhood**](#_Neighborhood)
* [**Peartree**](#_Peartree)
* [**Perm2010**](#_Perm2010)
* [**Population modeling**](#_Population_modeling)
* [**PPTRSEGpooled**](#_PPTRSEGpooled)
* [**PPwd\_rg8990**](#_PPwd_rg8990)
* [**Segment2010**](#_Segment2010)
* [**Segment2011**](#_Segment2011)
* [**Segment2012**](#_Segment2012)
* [**SegTrPPSoil**](#_SegTrPPSoil)
* [**SORTIE**](#_SORTIE)
* [**SubstratePaper**](#_SubstratePaper)
* [**TRDestructiveData**](#_TRDestructiveData)
* [**Transect2010**](#_Transect2010)
* [**Transect2011**](#_Transect2011)
* [**Trans\_Other2015**](../Trans_Other2015)
* [**TrSegGLI**](#_TrSegGLI)
* [**WISP**](#_WISP)

# *Raw Data/file folders*

These folders are all under the dictionary of: R:\MOOSHUBB\longterm. They are original copies of field data, or data we got from previous students/collaborator after Lixi started to work here in 2010. All editions/exploration of these data will be in “lixi kong” folder.

* [**DEMOplotPAP**](#_DEMOplotPAP)
* [**Files from PAP 2010**](#_FilesfromPAP2010)
* [**Files from PAP Aug192013**](#_FilesfromPAP19Aug2013)
* [**GLIdata**](#_GLIdata)
* [**Moos\_rml**](#_Moos_rml)
* [**RawData 2003**](#_RawData2003)
* [**RawData2010**](#_RawData2010)
* [**RawData2011**](#_RawData2011)
* [**RawData2012**](#_RawData2012)
* [**Recovered\_Data**](#_Recovered_Data)
* [**Recovered\_data\_excel**](#_Recovered_data_excel)
* [**TranDestructiveData**](#_TranDestructiveData)

# *Other folders which Lixi worked some on*

These folders are all under the dictionary of: R:\MOOSHUBB\longterm. They contain old master files. Lixi create her folder “Lixi Edit”, where he modifies the old master file, such as standardizing variable name; adjust data structures, correct for error, etc.

* [**Contour89/Lixi Edit**](#_Contour89/Lixi_Edit)
* [**Moos1999/Lixi Edit**](#_Moos1999/Lixi_Edit)

# *Other folders*

These folders were already on AFS when Lixi started to work in 2010. Lixi’s work has involved some data sets in these folders, but a lot other data sets remain unclear.

* Demo
* Export
* GPtreemort
* HBaerial
* Hbrook99
* JWH
* Khath
* MCCP
* Misc
* Nbor
* Noah
* Oldmaster
* Permplots
* RawPRN.arq
* Regplot
* Sapling1
* Sapling2
* Seedling
* SFRC
* SFRC.sophie
* Sranch
* Theses
* W101cores

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MOOSHUBB\longterm\lixi kong | | | | | | | | | | | | | |
| FOLDER /FILE NAME | | | | | | | | | | | | | DESCRIPTION |
| [2003data](../2003data) | | | | | | | | | | | | | Data management and correction done on 2003 data. Documention about these data is included in permanent and segment data history. |
|  | | | | | | Unsorted PP data.xls; MCoppola data 2003 segments.xls | | | | | | | 2003 permanent and segment raw data from Melisa |
| [Ca seed](file:///C:\\Documents%20and%20Settings\\Peart_Lab\\Application%20Data\\Microsoft\\lixi%20kong\\Ca%20seed) | | | | | | | | | | | | | Calcium seedling data from James Marlow and relevant analyses. |
| [Carbon Content](file:///C:\\Documents%20and%20Settings\\Peart_Lab\\Application%20Data\\Microsoft\\lixi%20kong\\Carbon%20content) | | | | | | | | | | | | | This folder has readings about biomass/carbon content and analysis on biomass/carbon content. |
| [Corrections&Fieldcheck](../Correction&Fieldcheck) | | | | | | | | | | | | | Corrections made on raw data by field crew/lixi, and field checking list. |
|  | | | | | | Correction2010.xls | | | | | | | Correction file made by Dan in 2010, and edited by Lixi |
|  | | | | | | Problems and Corrections 2010.docx | | | | | | | Problems found and relevant corrections made on raw data 2010 |
|  | | | | | | Trans Notes&Corrections2011.xlsx | | | | | | | Transect corrections need to be made on field data, created by Lixi basing on data from NOTES from filed crew. |
|  | | | | | | Seg Notes&Corrections2011.xlsx | | | | | | | Segment corrections need to be made on field data, created by Lixi basing on data from NOTES field crew. |
|  | | | | | | Questions about raw data 2011.doc | | | | | | | Questions/problems found about raw data 2011, and relevant corrections, made by lixi |
|  | | | | | | Field check after 2010 updated with 2011 field check.docx | | | | | | | List of field checking need to be done after 2010 field season, updated with things checked in 2011 |
|  | | | | | | Field check after 2011.docx | | | | | | | List of field checking need to be done after 2011 field season |
| Data logger 1-4 | | | | | | | | | | | | | These four folders have data from Data log 1~4 copied from “RawData 2010”. So Lixi can make relevant editions to excel files before reading them into SAS. |
| [DataQAQC2010](file:///C:\\Documents%20and%20Settings\\Peart_Lab\\Application%20Data\\Microsoft\\lixi%20kong\\DataQAQC2010) | | | | | | | | | | | | | This folder has relevant files of data qa/qc training did in 2010. |
| DEMOplot | | | | | | | | | | | | | Edition/exploration on demonstration plot data collected from 1987~2011 |
|  | | | | | | **Demonstration Plot Data History 1987~2011.dox** | | | | | | |  |
|  | | | | | | **Demomas11.ssd** | | | | | | | Master file for demonstration plot data. |
| Documents | | | | | | | | | | | | | Protocols and relevant documents |
|  | | | | | **Protocols** | | | | | | | | protocols |
|  | | | | | Tree height formula | | | | | | | | Old/corrected tree height calculation excel file and illustrating graphs |
|  | | | | | **Documentation.docx** | | | | | | | |  |
|  | | | | | **Graph Inventory.docx** | | | | | | | | A list of all graphs made by lixi with hyperlinks |
| GPS\_ELEV | | | | | | | | | | | | | ArcGIS shape files and GPS/ELEV data |
|  | | | | | **GPS data history.docx** | | | | | | | | GPS data history 2000~2012 |
|  | | | | | **ELEV data history.docx** | | | | | | | | Elevation data history 1998~2012 |
|  | | | | | Elevmas12.ssd/**elevmas12.csv** | | | | | | | | Elevation master file with data from 1998 to 2011 |
|  | | | | | Gpsmas12.ssd/**gpsmas12.xls** | | | | | | | | GPS master file with data from 2000 to 2012 |
|  | | | | | Gpsmas12c.ssd/**gpsmas12c.xls** | | | | | | | | GPS master file with re-measurements edited and error corrected. |
|  | | | | | **SEGMENTinter.xls** | | | | | | | | Segment interpolated point X/Y location data |
|  | | | | | **TRANinter.xls** | | | | | | | | Transect interpolated point X/Y location data |
|  | | | | | **Gpsmas12inter.ssd** | | | | | | | | GPS master file with interpolated points. |
|  | | | | | **RawData** | | | | | | | | GPS and elevation raw data |
|  | | | | | GPSELEV041712.sas | | | | | | | | SAS program imports/edits data from “MoosilaukeGPSpoints4\_17\_12copy.xls” |
|  | | | | | PAPgarmin12032012.sas | | | | | | | | SAS program imports/edits data from “PAPgarmin12032012.txt” |
|  | | | | | GPSMAS12.sas | | | | | | | | SAS program produces master file for GPS data collected from 2000 to 2012 |
|  | | | | | GPSMAS12inter.sas | | | | | | | | SAS program produces master file for GPS data including interpolated points. |
|  | | | | | ELEVMAS12.sas | | | | | | | | SAS program produces master file for ELEV data collected from 1998 to 2012 |
|  | | | | | **shapefiles** | | | | | | | | ArcGIS shape files for Moosialuke |
|  | | | | | DEMs | | | | | | | | Digital elevation models |
|  | | | | | Aerial Photos | | | | | | | | Aerial photos from different years downloaded from GRNITE website and from old CDs in the lab. |
| Hazard | | | | | | | | | | | | |  |
|  | | | | | Code from Scot | | | | | | | | This folder has hazard SAS codes got from Scot |
|  | | | | | Usrdata from Scot | | | | | | | | This folder has SAS data sets from Scot. |
|  | | | | | Inventory Manual for Scot’s Data | | | | | | | |  |
|  | | | | | **ScotHz** | | | | | | | | Everything relating to Scot’s model: documentation, re-modeling to finish the manuscript, etc. |
|  | | | | | Hazard Practice | | | | | | | | Practice of running hazard model in SAS in early time |
|  | | | | | Readings | | | | | | | | Relevant readings |
|  | | | | | Gps.xls/gps.shp | | | | | | | | GPS location data and shape file for the plots in Scot’s hazard analysis |
|  | | | | | Plot location.mxd | | | | | | | | ArcMap file of plots in Scot’s hazard analysis |
|  | | | | | **Documentation\_Data and Code from Scot.doc** | | | | | | | | Complete Documentation on data got from Scot made by Lixi, he only used part of the data for his hazard analysis. |
|  | | | | | **Moosilauke** | | | | | | | | hazard analysis on Moosilauke data |
|  | | | | |  | | | | | | **MooshzNEW** | | This folder has the most updated hazard analysis for Moosilauke data after we started to work on hazard methods paper. |
|  | | | | |  | | | | | | **HZ Anal.doxc** | | Documentation about hazard analysis done for Moosilauke data |
|  | | | | |  | | | | | | Meeting with Scot\_Questions and Answers.doxc | | Documentation on meeting with Scot: questions discussed, answered found, and remaining questions |
|  | | | | |  | | | | | | Macro.sas | | Macro to calculated lambda for hazard analysis |
|  | | | | |  | | | | | | QuanNeighIndex.sas | | SAS program to calculated quantitative neighborhood index for permanent data |
|  | | | | |  | | | | | | Maxnba.ssd, sumnba.ssd | | Permanent data set with quantitative neighborhood index: maximal basal area |
|  | | | | |  | | | | | | PP ABBA early results&graphs | | This folder has permanent ABBA tree hazard results from the very early stage of hazard work |
|  | | | | |  | | | | | | ABBATR power\_expon\_files | | Some figures produced for power and exponential hazard model comparison |
|  | | | | |  | | | | | | AB\_BE\_PI | | This folder has hazard comparison among ABBA, BECO, PIRU done in 2013 |
|  | | | | |  | | | | | |  | |  |
|  | | | | |  | | | | | | | |  |
| Hbrook | | | | | | | | | | | | | Exploration on Hubbard brook data collected in 1999. |
| Jim Code | | | | | | | | | | | | |  |
| JWH | | | | | | | | | | | | | Jim Hourderquin’s and Lixi’s work on his data |
| [MainFrame Computer\_Linux](../MainFrame%20Computer_Linux) | | | | | | | | | | | | | Notes on how to connect to main frame computer to run R/SAS, and how to search files on AFS. |
| Mas98NEW | | | | | | | | | | | | | Some edition/corrections were made to old transect and permanent master file mas98.ssd and a new master file mas98new.ssd was created. |
|  | | | | | MAS98NEW.sas | | | | | | | | SAS programs modified old master filed mas98.ssd for the purpose of 2011 master files creation. |
|  | | | | | **Mas98new.ssd** | | | | | | | | New master file, produced by MAS98NEW.sas |
|  | | | | | Data | | | | | | | | Data Lixi and Noah entered after 2012 for creating the new master file |
|  | | | | | CSAP.sas | | | | | | | | Program to input sapling census data |
|  | | | | | Csap.ssd | | | | | | | | SAS data set created by csap.sas, which has whether certain subplot was searched for saplings in each census year. |
|  | | | | | Dsapcnt8788.sas | | | | | | | | This Program inputs dead sapling count data collected in 1987/88 |
|  | | | | | Dsapcnt8788.ssd | | | | | | | | Data set created by dsapcnt8788.sas |
|  | | | | | Spchange.sas | | | | | | | | This Program subsets plants that got species changed in 1998. |
|  | | | | | Spchange.ssd | | | | | | | | SAS data set created by spchange.sas |
|  | | | | | Reme88.sas | | | | | | | | SAS program edits 88 re-measurement data. |
|  | | | | | Reme88.ssd | | | | | | | | 88 re-measurement master file |
|  | | | | | REME88CHECK.xls | | | | | | | | Temporary file helps to identify 88 re-measurement data problems (eg. Non-matching tag number caused by change in subplot numbers) |
|  | | | | | Tagchange.sas | | | | | | | | This program finds plants that got tag changed in 1998. Only permanent data have been checked for this carefully. |
|  | | | | | Tagchange.ssd | | | | | | | | SAS data set created by tagchange.sas, which has both old(86/87/88) and new(1998) tag number for all plants. |
|  | | | | | 1998 Permanent Plot Column Headings.doc | | | | | | | | Brief explanation of variable for permanent variables in old master file mas98.ssd |
|  | | | | | Column headings for Mas98.pdf | | | | | | | | Brief explanation of variables in old master file mas98.ssd |
|  | | | | | **Column headings of mas98 updated.doc** | | | | | | | | Basing on old files and data checking, this file includes detailed explanation of each variable in old master file mas98.ssd |
|  | | | | | Codes98updates.doc | | | | | | | | Some notes for old master file mas98.ssd from PAP, species list on page 3 was updated in 2011 |
|  | | | | | Variable Name Standardization for master files 2010.docx | | | | | | | | Notes about variable name standardization for master files recorded in 2012 |
|  | | | | | **Master file history\_TagChanges.doc** | | | | | | | | Relevant history on how mas98.ssd was created, mainly for the purpose of tracing back all the tag changes. |
| MEETING PPTS 2013-4 | | | | | | | | | | | | | Powerpoints made by Lixi about work updates for meetings with David/Peter for 2013 and 2014. |
| MoosRML | | | | | | | | | | | | | Data from Matt and Lixi’s exploration on his data. |
|  | | | | | RML Data Hisotry.docx | | | | | | | |  |
|  | | | | | Demog\_sur/demog\_survjh.ssd | | | | | | | | Master file for Matt’s demographic data, imported from JMP file |
| Neighborhood | | | | | | | | | | | | | NCI(neighborhood crowding index) from Noah and Lixi’s exploration on it. |
|  | | | | NCI\_Noah12042012.docx | | | | | | | | | Documentation of NCI got from Noah in 2012 |
| Peartree | | | | | | | | | | | | | Gayle’s data and Lixi’s exploration on her data |
| Perm2010 | | | | | | | | | | | | | All SAS programs in this folder have name starting with ‘*PP*’ to indicate permanent plots. |
|  | | **Permanent Data History 1986-2011.docx** | | | | | | | | | | | History for permanent data collected from 1986 and 2010 and field checking done in 2011 |
|  | | Additional spruce2010.xls | | | | | | | | | | | All additional spruce data collected in 2010. |
|  | | ADDMISS.xls | | | | | | | | | | | Additional spruce data field crew forgot to enter in 2010 |
|  | | 86REM87.xls | | | | | | | | | | | Measurements/remeasurements from 1987 in 1986 plots entered by Lixi in 2012. Still need to refer to hard copy and check |
|  | | reme88.sas | | | | | | | | | | | SAS programs edits 1988 re-measurements |
|  | | reme88.ssd | | | | | | | | | | | 88 re-measurements which will be merged in master file |
|  | | dsapcnt88.sas | | | | | | | | | | | SAS program subsets 1988 dead sapling count data |
|  | | dsapcnt88.ssd | | | | | | | | | | | SAS data set with 1988 dead sapling count data |
|  | | PP Free subplot.xls | | | | | | | | | | | A list of permanent free subplots. |
|  | | splist.xls | | | | | | | | | | | A complete herb/Shrub/Seedling species list for each subplot. |
|  | | pptree10.sas | | | | | | | | | | | SAS program merges tree/sap data from 3rd set of data with earlier data in 2010, also adds additional spruce to produces a 2010 data set |
|  | | pptree10.ssd | | | | | | | | | | | All permanent plot tree\sapling data collected in 2010 |
|  | | pptreemas10.sas | | | | | | | | | | | SAS programs merges permanent plot tree/sapling data collected from 1986 and 2010 to create the master file |
|  | | **pptreemas10.ssd** | | | | | | | | | | | Permanent tree/sapling Master File 86~10 and 11 field check |
|  | | pptreemas10bv.sas | | | | | | | | | | | SAS program merges estimated bole volume and heights into pptreemas10 master file |
|  | | **pptreemas10bv.ssd** | | | | | | | | | | | Permanent tree/sapling Master File with data from 86~10, 11 field check, and estimated bole volume/height from Noah |
|  | | Perm substrate2010.xls | | | | | | | | | | | All the permanent plot substrate data collected in 2010. |
|  | | SUBSTR87.xls | | | | | | | | | | | Permanent substrate data from 1987 Noah/Lixi found in 2012. Only found data for plot 16, this is not included in substrate master file. |
|  | | Ppsubstrate10.sas | | | | | | | | | | | SAS program reshapes 2010 permanent substrate data “Perm substrate2010.xls”. |
|  | | Ppsubstrate10.ssd | | | | | | | | | | | SAS data set produced by “ppsubstrate10.sas”, which has complete 2010 permanent plot substrate data |
|  | | ppsubmas10.sas | | | | | | | | | | | SAS program creates substrate master file 86~10 |
|  | | **ppsubmas10.ssd** | | | | | | | | | | | Permanent substrate master file 86~10 |
|  | |  | | | | | | | | | | |  |
|  | | PP hhscov history 86~10.docx | | | | | | | | | | | Separate data history for permanent herb\shrub\seedling cover data. Out of date. |
|  | | pphhs2010.sas | | | | | | | | | | | SAS program merges all permanent species cover data from 2010 |
|  | | pphhs2010.ssd | | | | | | | | | | | SAS data set produced by “ppherbshrub2010.sas”, which has all 2010 permanent species species data. |
|  | | pphhsmas10.sas | | | | | | | | | | | SAS program creates permanent species cover master file 86~10 |
|  | | **pphhsmas10.ssd** | | | | | | | | | | | permanent species cover master file. (This needs to be modified!) |
|  | | HSS86.xls | | | | | | | | | | | Part of species cover data collected in 1986 that were missing but found in 2012 by Noah/Lixi |
|  | | hershrseed species.docx | | | | | | | | | | | A new list of permanent herb\shrub\seedling species made in 2011 basing on old file from PAP “codes98.doc” |
|  | | PPMISS.pdf; PPMISS\_Abba.pdf; PPMIS\_Beco.pdf | | | | | | | | | | | Tables listing data available/missing in each census year for all species pooled or species seperately |
|  | | PP Data availability table notes.docx | | | | | | | | | | | Notes on how to make data availability tables for permanent data |
|  | | PP Data Availability Table.sas | | | | | | | | | | | SAS program that produced data availability tables PPMISS, PPMISS\_Abba, and PPMISS\_Beco |
|  | | **%mr graphs** | | | | | | | | | | | This folder has all the graphs produced by %MR.sas. Details see “instruction” file in this folder |
|  | |  | | | | | | | | | | |  |
|  | | **AllometryPaper** | | | | | | | | | | | This folder has following up work Lixi did for Zach’s allometry paper |
|  | | **growthrate graphs** | | | | | | | | | | | This folder has all the graphs produced by GrowR.sas. Details see “instruction.docx”. |
|  | |  | | | | | | | | | | |  |
|  | | **BA\_plot level** | | | | | | | | | | | This folder has PP BA.pdf, which is the combined file of all the graphs produced by BA\_3PLOTS.SAS and BADYN\_3PLOTS.SAS. “Individual graphs” has individual pdf file produced by SAS. |
|  | | **BV estimation** | | | | | | | | | | | Everything about height and bole volume estimation |
|  | |  | | | | | | | | BVOld | | | All BV estimation done before 2015 |
|  | |  | | | | | | | | **pp.csv** | | | The most updated BV estimation for permanent plots from Noah |
|  | |  | | | | | | | | Ppcopy.csv | | | A copy of pp.csv, which has fewer variables. |
|  | |  | | | | | | | | **HT and BV estimation Lixi.docx** | | | Documentation about height and bole volume estimation made by Lixi after discussing with Noah |
|  | |  | | | | | | | | Heigh and Bole Volume Calculations\_Noah.doc | | | Notes about height and bole volume calculation from Noah |
|  | |  | | | | | | | | ppbv email from Noah.docx | | | Email from Noah about height and bole volume estimation |
|  | | **DBH&HT graphs** | | | | | | | | | | | DBH and HT relevant graphs |
|  | |  | | | | | | | | Graphs for WISP | | | DBH-HT allometry graphs made for WISP program on 2010 data, produced by PPDBHHT2010.sas |
|  | |  | | | | | | | | CANHT.pdf | | | Canopy height graphs based on Noah’s estimation in 2012, produced by CANHT\_graph.sas |
|  | |  | | | | | | | | CANHTcheck.pdf | | | Check on Canopy height including/excluding dead trees and variation among subplots. |
|  | |  | | | | | | | | HTCRHT.pdf | | | Height and Bole length(HT-CRHT) graph, produced by PPCPOS\_HT\_SUR.sas. All four figures below are produced by the same SAS program |
|  | |  | | | | | | | | CPOSHTMR\_ABBA869810.pdf | | | HT in 86 and 98 with CPOS and SUR 98~10 distinguished for ABBA |
|  | |  | | | | | | | | CPOSHT\_ABBA9810.pdf | | | HT in 98 and 10 with CPOS distinguished for ABBA |
|  | |  | | | | | | | | GRhtdbhSUR\_ABBA869810.pdf | | | Growth in DBH and HT 86/87~98 with CPOS and SUR 98~10 distinguished for ABBA |
|  | |  | | | | | | | | GRhtdbh\_ABBA9810.pdf | | | Growth in DBH and HT 98~10 with CPOS distinguished for ABBA |
|  | | **Dead Plants** | | | | | | | | | | | Frequency figures by COND/DECAY, produced by PPDeadPlants.sas |
|  | | **deadtop** | | | | | | | | | | | Frequency figures of plants with/without a dead top, produced by PPdeadtop.sas |
|  | | **GR\_HTCHT** | | | | | | | | | | | Growth, HT, CHT relevant figures produced in 2013, by PPGR\_CHT.sas, and PPHTvector.sas |
|  | | **graphs\_early 2010 field season** | | | | | | | | | | | Graphs made on plot 4~9 in early 2010 season |
|  | | **Growthrate graphs** | | | | | | | | | | |  |
|  | |  | | | | | | | | **Instructiion\_gr\_mr\_sf.docx** | | | Documentation of growth, mortality, and size frequency figures produced in 2011 |
|  | | **NeighLCH** | | | | | | | | | | | Neighborhood Canopy height figures produced in 2014/2015 |
|  | |  | | | | | | | | **PPneigborhood LCH.docx** | | | Documentation about neighborhood canopy height |
|  | | **piru graphs** | | | | | | | | | | | This folder has all the PIRU graphs produced in 2011 by DEAD PIRU.sas, PP%DEAD PPPIRU.sas,PP %MR PIRU.sas, PPALLPIRU.sas, PP%MR PPPIRUSAP.sas, and PPALLPIRUSAP.sas. PPPIRU.pdf is the combined file |
|  | | **PP herb strip location maps** | | | | | | | | | | | Scan copy and new pdf file of PP herb strip location maps |
|  | | **PP treemaps** | | | | | | | | | | | This folder has old tree location maps made on mas98.ssd and new location maps for 86/87, 98, 10 and animated maps 86/87~10, produced by PP98mapold.sas and PPanimaps.sas, |
|  | | **ppdatasheets** | | | | | | | | | | | This folder has data sheets produced for field crew, basing on data from previous years. |
|  | | **PPHelev** | | | | | | | | | | | This folder has figures made for PP H elevation plot comparing to transect HH plots in 2015, produced by PPHelevBAspl.sas, and PPHelevFigSpl.sas |
|  | | **PPLMelev** | | | | | | | | | | | PP L and M elevation canopy height figures for each subplot, produced by PPLMelevFigSpl.sas |
|  | | **Ppchtspl5.ssd** | | | | | | | | | | | Master file of permanent canopy height calculated as 5 tallest tree for each subplot, produced by PPCHTspl.sas |
|  | | **Sap allometric graphs** | | | | | | | | | | | This folder has all the graphs produced by “SAP ALLO.sas” |
|  | | **Sap HT and Hazard model** | | | | | | | | | | | Exploration of sapling growth in HT and hazard models done in 2012 |
|  | | **SizeFreq graphs** | | | | | | | | | | | This folder has size frequency relevant figures produced early in 2011, and newly in 2015 |
|  | |  | | | | | | | | Old size frequency graph | | | Out of date size frequency figures |
|  | |  | | | | | | | | **AGGREGATED GRAPHS/PLOT LEVEL** | | | Size frequency figures produced in2011 |
|  | |  | | | | | | | | **Instructiion\_gr\_mr\_sf.docx** | | | Documentation of growth, mortality, and size frequency figures produced in 2011 |
|  | |  | | | | | | | | **PPtrsapseedDEN.docx** | | | Documentation of New size frequency figure done in 2015 |
|  | | **SpAbundance** | | | | | | | | | | | Species abundance figures produced by PPSPabundSAP.sas, and PPSPabundTree.sas |
|  | | **Substrate** | | | | | | | | | | | Substrate figure produced by ppsubgraph.sas |
| Population modeling | | | | | | | | | | | | | An old folder where Lixi produced temporary master data set for Noah’s population model. Data sets in this folder are out of date. |
| [PPTRSEGpooled](../PPTRSEGpooled) | | | | | | | | | | | | | Graphs/analyses/data files for permanent/ transect/segment pooled data |
|  | | | | | | | **Recruitment History.docx** | | | | | | A brief history of new recruitments for permanent/transect/segment data. **Incomplete.** |
|  | | | | | | | **Tag number history.docx** | | | | | | A brief history of tag number sequence for permanent/transect/segment data. **Incomplete.** |
|  | | | | | | | **GRAPHS** | | | | | | Some graphs compare transect and permanent or made on transect and permanent pooled data. |
|  | | | | | | | BA\_PPTRANS.sas | | | | | | SAS program produces basal area (m2/ha) graph for permanent & transect plots by elevation & aspect. |
|  | | | | | | | PPTR10.sas | | | | | | SAS programs pulls out permanent and transect data from 1986 to 2010 basing on which growth rate, %mortality, and size frequency graphs were produced. |
|  | | | | | | | PST\_MAS11.sas | | | | | | SAS program produces master file for permanent/transect/segment tagged individual; master file for permanent/transect/segment seedling/sapling cnt; and master files for permanent/transect/segment species cover/cnt and substrate data. Incomplete |
|  | | | | | | | Pts\_taggedmas11.ssd | | | | | | Master filed for permanent/transect/segment tagged plants. |
|  | | | | | | | NR\_PTS11.sas | | | | | | SAS program produced new recruitment graphs for permanent/transect/segment data. Incomplete. |
|  | | | | | | | GR\_PPTR.sas | | | | | | SAS program produces growth rate graphs for permanent and transect combined data for 1986~1998 and 1998~2010. |
|  | | | | | | | GR\_PPTR GRAPHS | | | | | | This folder has all the graphs produced by GR\_PPTR.sas |
|  | | | | | | | %MR\_PPTR.sas | | | | | | SAS program produced percentage of mortality graphs for permanent and transect combined data for 1986~1998 and 1998~2010. |
|  | | | | | | | %MR\_PPTR GRAPHS | | | | | | This folder has all the graphs produced by %MR\_PPTR.sas |
|  | | | | | | | SSF\_PPTR.sas | | | | | | SAS program produced size frequency graphs showing recruitment information for permanent and transect combined data for 1986~1998 and 1998~2010 |
|  | | | | | | | SSF\_PPTR GRAPHS | | | | | | This folder has all the graphs produced by SSF\_PPTR.sas |
|  | | | | | | | SAP SMRY | | | | | | SAS program summarizes number of permanent and transect saplings sampled in 1987/88, 1998, and 2010. Incomplete |
|  | | | | | | | Ppsapsmy.ssd , trsapsmy.ssd | | | | | | SAS data sets produced by “SAP SMRY.ssd”, which summarizes number of permanent saplings in each subplot, plot, and 3 plots; transect saplings in each plot. |
| PPwd\_rg8990 | | | | | | | | | | | | | Permanent winter damage, extension growth for saplings, and radial growth data collected in 1989 and 1990 and Lixi’s exploration on the data. Some questions remains. Details about this part of data can be found in “Permanent data history 1986-2011” |
| SAS reading | | | | | | | | | | | | | SAS relevant tutorials, papers |
| Segment2010 | | | | | | | | | | | | |  |
|  | | segdatasheet | | | | | | | | | | | Segment datasheet for 10 data collection, and relevant SAS data sets. |
|  | | **Segmaps** | | | | | | | | | | | Segment location maps made in 2010 |
|  | |  | | | | | | Sapling.sas | | | | | SAS program produces location maps for segment sapling basing on data from previous year. |
|  | |  | | | | | | Sapling.pdf | | | | | Graph produced by sapling.sas |
|  | |  | | | | | | Seedling.sas | | | | | SAS program produces location maps for segment seedling basing on data from previous year. |
|  | |  | | | | | | Seedling.pdf | | | | | Graph produced by seedling.sas |
|  | |  | | | | | | Segmaps\_bubble.sas | | | | | SAS program produces location maps for segment sapling&seedling using “bubble” statement, referring to SAS code from previous years. |
|  | |  | | | | | | Segmap\_bubble.pdf | | | | | Graph produced by segmaps\_bubble.sas |
|  | |  | | | | | | **Segmaps\_final.pdf** | | | | | Final version of segment maps overlapping seedling & sapling maps. |
|  | |  | | | | | | Separate maps | | | | | This folder has separate map for each segment. |
|  | |  | | | | | | Seedsap2000.csv | | | | | Copied from “R:\MOOSHUBB\longterm\Moos1999\Rawdata\_2000\seedsap2000”, basing on which the maps were made. |
|  | | Segseedsap10.sas | | | | | | | | | | | SAS program merges segment seedling and sapling data collected in 2010, following fast protocol or full protocol |
|  | | Segseedsapfast10.ssd/**Segseedsapfast10.xls** | | | | | | | | | | | Produced by “ Segseedsap10.sas”. A complete data set including segment seeding/sapling data collected in 2010 following fast protocol. |
|  | | Segseedsapfull10.ssd/**Segseesapfull10.xls** | | | | | | | | | | | Porduced by “Segseedsap10.sas”. A complete data set including segment seedling/sapling data collected in 2010 following full protocol. Some problems unsolved, this file needs more edition. |
|  | | Segherb10.sas | | | | | | | | | | | SAS program merges segment herb data collected in 2010 |
|  | | Segherb10.ssd/**segherb10.xls** | | | | | | | | | | | SAS dataset produced by “Segherb10.sas” |
|  | | Segsubstrate10.xls/**segsubstrate10.xls** | | | | | | | | | | | Excel file including all the segment substrate data collected in 2010 |
|  | | Segprism10.xls/**segprism10.xls** | | | | | | | | | | | Excel file including all the segment prism data collected in 2010 |
|  | | Summary of data collected in segments during 2010.xls | | | | | | | | | | | Excel file summarizes segment data collected in 2010, incomplete. |
| Segment2011 | | | | | | | | | | | | |  |
|  | | **Segment Data History 1988-2011.docx** | | | | | | | | | | | Segment documentation for data collected between 1988 and 2011 |
|  | | **Seesapmas11.sas** | | | | | | | | | | | SAS program that produced seedling/sapling master file 88~11 |
|  | | **seesapmas11.ssd** | | | | | | | | | | | Seedling/sapling master file 88~11 |
|  | | SEGMISS.pdf/SEGMISS\_Abba.pdf | | | | | | | | | | | Data Availability Table for all species pooled and ABBA seperately |
|  | | Seg Data Availability Table.sas | | | | | | | | | | | SAS program produced data availability table |
|  | | Seg Data availability notes.docx | | | | | | | | | | | Notes on segment data availability table |
|  | | MasSeg88to00.sas | | | | | | | | | | | SAS program edits old segment seed/sap SAS data sets (1988 to 2000) to create segment master files for each kind of data. |
|  | | Seesapmas00.ssd | | | | | | | | | | | Segment tagged seedling/sapling master file (data from 1988 to 2000), created by “MasSeg88to00.sas” |
|  | | Seg2011.sas | | | | | | | | | | | SAS program merges/edits 2011 segment data and creates segment seed/sapling master file for data from 1988 to 2011. |
|  | | Seg2011.ssd | | | | | | | | | | | SAS data set produced by Seg2011.sas, which has all segment tagged seedling and sapling data collected in 2011. |
|  | | **Sscntmas99.sas** | | | | | | | | | | |  |
|  | | **Sapdenmas99.ssd** | | | | | | | | | | | seeding/sapling count master file 88~99 |
|  | | **Prismmas99.sas** | | | | | | | | | | |  |
|  | | **Prismmas99.ssd** | | | | | | | | | | | prism master file 88~99 |
|  | | **Spcovmas11.sas** | | | | | | | | | | |  |
|  | | **spcovmas99.ssd** | | | | | | | | | | | species cover master file 88~99 |
|  | | **Submas99.sas** | | | | | | | | | | |  |
|  | | **Submas99.ssd** | | | | | | | | | | | substrate master file 88~99 |
|  | | **Submas99c.ssd** | | | | | | | | | | | Substrate master file 88~99 after correcting for the problem that substrate on the ground doesn’t add up to 100%. |
|  | | **AnimMaps** | | | | | | | | | | | Some animated map samples |
|  | | **HHS graphs** | | | | | | | | | | | Species cover graph. |
|  | | **HT and hazard** | | | | | | | | | | | Some hazard/height graphs/results |
|  | | **Prism** | | | | | | | | | | | Prism graphs |
|  | | **SEGMENT SELEC PROT SAMPSZ HIST ETC** | | | | | | | | | | | Files got from Peter (or David?) |
|  | | **SF\_MR graphs** | | | | | | | | | | | Size frequency and mortality graphs |
|  | | **Sub grahps** | | | | | | | | | | | Substrate graph |
|  | | **Xg\_minage\_distrem\_ht check** | | | | | | | | | | |  |
|  | | **XGs** | | | | | | | | | | | Extension growth graphs |
|  | | Sf\_mr11.sas | | | | | | | | | | | SAS program produces height size frequency and mortality graphs basing on segment data from 1988~2011. |
|  | | Subanal99.sas | | | | | | | | | | | SAS program produces graphs showing seedling substrate and quadrat substrate comparison basing on segment data from 1988 to 1999. |
|  | | Seesapden99.sas | | | | | | | | | | | SAS program produces seedling and sapling density graphs basing on segment data from 1988 to 1999. Incomplete. |
|  | | Hhsgraph99.sas | | | | | | | | | | | SAS program produces herb cover graphs basing on segment data from 1988 to 1999. |
| Segment2012 | | | | | | | | | | | | |  |
|  | | **Segment Data History 1988~2012.docx** | | | | | | | | | | | Most updated segment documentation for data collected between 1988 and 2012 |
|  | | Gps12.sas | | | | | | | | | | | SAS program imports/edits GPS data collected in 2012 |
|  | | Gps12.ssd | | | | | | | | | | |  |
|  | | Seg12.sas | | | | | | | | | | | SAS program imports slope, shape, and prism data |
|  | | Seg12.ssd | | | | | | | | | | | Segment slope, shape, and prism data collected in 2012 |
|  | | Prismmas12.sas | | | | | | | | | | | SAS program produced prism master file 88~12 |
|  | | Prismmas12.ssd | | | | | | | | | | | Prism master file updated with 2012 data. |
|  | | SegCenSmry12.sas | | | | | | | | | | | SAS program produces a summary table about different data collected in different year for different segments. |
|  | | Segcensmry12.ssd | | | | | | | | | | | Summary table about different data collected in different year for different segments. |
| SegTrPPSoil | | | | | | | | | | | | |  |
|  | | **Soil Data Hitroy 86~11.docx** | | | | | | | | | | | Transect, segment, and permanent data history. |
|  | | **Raw Data** | | | | | | | | | | | Soil probe raw data entered by Lixi and Noah; and some northern study sites information from Justin’s PhD research. |
|  | |  | | | | | | | Segsoil.xls | | | | Data entered by Noah/Lixi in 2012 for segment soil probing data |
|  | |  | | | | | | | Regtrsoil.xls | | | | Data entered by Noah/Lixi in 2012 for transect soil probing data |
|  | |  | | | | | | | Janas\_moosilauke2011.xls | | | | Probing data collected in 2011 |
|  | | **Soilmas11.ssd** | | | | | | | | | | | Soil master file with counts of H, I, S, R for transect and segments. New category not added yet, produced by soilmas.sas |
|  | | Soilsurvey.sas | | | | | | | | | | | SAS program matchs soil county survey soil data with Moosilauke data. |
|  | | Soilclmu.ssd/soilclmu\_all.xls | | | | | | | | | | | Soil data for plots that are within soil county survey area |
| SORTIE | | | | | | | | | | | | | Sortie MANNUAL and some C code. All downloaded on-line. |
| SubstratePaper | | | | | | | | | | | | |  |
|  | | Substrate outline lixi\_updated with new Fig.docs | | | | | | | | | | | Most updated outline by Lixi on substrate paper, with Figs and Tab. |
| [Transect2010](../transect2010) | | | | | | | | | | | | |  |
|  | **Summary of transect data 2010.docx** | | | | | | | | | | | | Summary of regular transect data collected in 2010 |
|  | Tranmas10.sas | | | | | | | | | | | | SAS program merges 2010 transect data with relevant old data. |
|  | tranmas10.ssd/**tranmas10.csv** | | | | | | | | | | | | Regular transect master file 87~10 |
|  | E334new.xls/E334new.csv | | | | | | | | | | | | Data for E334 subplot -3~5 after taking average of re-measurements |
|  | Clinometer Readings.xls/Clinometer Readings.xlsx | | | | | | | | | | | | Slope re-measurement for transects done in 2010 |
|  | Trans2010temp.sas | | | | | | | | | | | | SAS program merges transect data collected by 2010-07-19 from 4 DLs and data from the 3rd set of data respectively. |
|  | Trans2010temp.ssd | | | | | | | | | | | | SAS data set produced by trans2010temp.sas, including 2010 transect data collected by 2010-07-19 |
|  | Tran2010\_3rd.ssd | | | | | | | | | | | | SAS data set produced by trans2010temp.sas, including 2010 transect data collected after 2010-7-19 |
|  | Trans10.sas | | | | | | | | | | | | SAS program merges transect data from the 3rd set of data with earlier data from 2010 |
|  | Trans10.ssd | | | | | | | | | | | | SAS dataset produced by “trans10.sas”, which has complete 2010 transect data |
|  | remeasurement.sas | | | | | | | | | | | | SAS program compares original & remeasurment data for E334, subplot -3~5 |
|  | Remes.ssd | | | | | | | | | | | | SAS data set produced by remesurement.sas |
|  | BA2010.sas | | | | | | | | | | | | SAS program produce basal area by ELEVCL for 2010 transect data |
|  | ba10.pdf | | | | | | | | | | | | Graph produced by BA2010.sas |
|  | Trans\_select.sas | | | | | | | | | | | | SAS program subsets transect data (1986~2010) basing on which growth rate, %mortality, and size frequency graphs were made |
|  | Transelect1.ssd, transelect2.ssd | | | | | | | | | | | | SAS data sets produced by trans\_select.sas |
|  | GrowRTR.sas | | | | | | | | | | | | SAS program produces transect growth rate graphs for 1986~1998, and 1998~2010 |
|  | **GROWTHR GRPAHS** | | | | | | | | | | | | This folder has all the graphs produced by GrowRTR.sas |
|  | %mrTR.sas | | | | | | | | | | | | SAS program produced transect percentage of mortality graphs for 1986~1998, and 1998~2010 |
|  | **%MR GRAPHS** | | | | | | | | | | | | This folder has all the graphs produced by %mrTR.sas |
|  | SsizefreqTR.sas | | | | | | | | | | | | SAS program produces transect size frequency graphs showing recruitment information for 1986~1998, and 1998~2010. |
|  | **SIZEFREQ GRPAHS** | | | | | | | | | | | | This folder has all the graphs produced by SsizefreqTR.sas |
| [Transect2011](../Transect2011) | | | | | | | | | | | | |  |
|  | **Transect Data History 1987-2011.docx** | | | | | | | | | | | | Transect data history 1987~2011 |
|  | TRSAPTRMAS11.sas | | | | | | | | | | | | SAS program produces transect tree/sapling master file 1987~2011 |
|  | **trsaptrmas11.ssd** | | | | | | | | | | | | Transect tree/sapling master file 1987~2011 |
|  | TRSAPTRMAS11BV.sas | | | | | | | | | | | | SAS programs merges Noah estimated HT and BV data with transect sap/tree master file |
|  | **Trsaptrmas11bv.ssd** | | | | | | | | | | | | Transect tree/sapling master file 1987~2011 with estimated HT and BV from Noah |
|  | Witness trees ext trans.xls | | | | | | | | | | | | Witness tree file from 1999. |
|  | NorthTr11.sas | | | | | | | | | | | | SAS programs edits 2011 north transect data and creates master file for north transect 87~11 |
|  | ntranmas11.ssd | | | | | | | | | | | | North transect master file 87~11 |
|  | NorthTran8798.sas | | | | | | | | | | | | SAS program subsets north transect data collected in 1987/1998 from mas98.ssd, and produce data sheets for 2011 data collection. |
|  | Ntran8798.ssd | | | | | | | | | | | | North side transect old data produced by NorthTran8798.sas |
|  | S344\_E335.sas | | | | | | | | | | | | SAS program produces data sheets for S344 and data reference for E335 field check at the end of field season |
|  | Tr Data Availability Table.sas | | | | | | | | | | | | SAS program produces data availability table which lists available/missing data in each year |
|  | Tr Data Availability Notes.docx | | | | | | | | | | | | Some notes about transect data availability |
|  | TRMISS.pdf/TRMISS\_Abba.pdf/TRMISS\_Beco.pdf | | | | | | | | | | | | Tables produced by “Tr Data Availability Table.sas” for all species pooled and ABBA/BECO seperately |
|  | TRSAPTREE9900.sas | | | | | | | | | | | | SAS program edits 99 established transect tree/sapling data 99~00 |
|  | Trsaptree9900.ssd | | | | | | | | | | | | SAS data set has 99 established transect tree/sap data from 99~00 |
|  | TRSAPTREE2011.sas | | | | | | | | | | | | SAS program edits transect data collected in 2011 |
|  | Trsaptree9911.ssd | | | | | | | | | | | | SAS data set with transect data collected from 1999 to 2011 |
|  | TRSEEDMAS11.sas | | | | | | | | | | | | SAS program produces transect high-high seedling master file 99~11 |
|  | **trseedmas11.ssd** | | | | | | | | | | | | Transect high-high seeding master file 99~11 |
|  | TRSEEDCNT11.sas | | | | | | | | | | | | SAS program edits high-high transect seeding count data from 2011 and creates master file 99~11 |
|  | Trseedcnt11.ssd | | | | | | | | | | | | Transect seedling count data collected in 2011 |
|  | **Trseedcntmas11.ssd** | | | | | | | | | | | | High-high transect seedling count master file 99~11 |
|  | TRSPCOV11.sas | | | | | | | | | | | | SAS program edits high-high transect species cover data and creates master file for data collected from 99 to 11 |
|  | Spcov99.xls | | | | | | | | | | | | Species cover data not entered before then entered by Noah/Lixi in 2012 |
|  | **Trspcovmas11.ssd** | | | | | | | | | | | | High-high transect species cover master file 99~11 |
|  | trspcov99.ssd/trspcov11.ssd | | | | | | | | | | | | SAS data set of high-high transect species cover data collected in 99/11 |
|  | TRSUBMAS11.sas | | | | | | | | | | | | SAS program creates high-high transect substrate master file 99~11 |
|  | **Trsubmas11.ssd** | | | | | | | | | | | | High-high transect substrate master file 99~11 |
|  | TRSUB11.sas | | | | | | | | | | | | SAS program edits high-high transect substrate data collected in 2011 |
|  | Trsub11.ssd | | | | | | | | | | | | SAS data set of high-high transect substrate data collected in 2011 |
|  | Data sheets | | | | | | | | | | | | This folder has Excel files of old high-high, north, and south transect data as reference for data collection, and data sheets for 2011 data collection. |
|  | **AB\_BE\_PI** | | | | | | | | | | | | Figures of exploration on allometry, size frequency and growth on transect ABBA, BECO, and PIRU, produced by TRAB\_BE\_PI.sas |
|  | **BVestimation** | | | | | | | | | | | | Transect estimated HT and BV from Noah. |
|  |  | | | | | | | | | | | **Transect.cvs** | File from Noah with estimated HT and BV |
|  |  | | | | | | | | | | | Trasectcopy.xls | Copy of transect.cvs created by Lixi with less variables |
|  |  | | | | | | | | | | | **Trbv.ssd** | SAS file for transect estimated HT and BV |
|  | DATA sheets | | | | | | | | | | | |  |
|  | **DBHDAH** | | | | | | | | | | | | Regression of DBH/DAH produced by DBHDAH.sas |
|  | **EXHT** | | | | | | | | | | | | EX and HT figures produced by TREX\_HT.sas |
|  | **HH GR and Hazard** | | | | | | | | | | | | Exploration on HH transect growth and hazard, produced by TRHH Hazard.sas and TRHHGHTanal.sas” |
|  | **Hh\_dbhht\_cht** | | | | | | | | | | | | HH transect DBH/HT and CHT figures produced in 2015 by TRHHCTH.sas, TRHHDBHHT.sas |
|  | **Maps** | | | | | | | | | | | | Transect tree/sapling location maps, and some samples for animated high-high transect maps, produced by TRHHtrsapmas.sas, and TRHH\_MAP.sas |
|  | **Other Graphs** | | | | | | | | | | | | Other random figures |
|  | **SizeFrequency** | | | | | | | | | | | | High-high size frequency graphs |
|  |  | | | | | | | | | **HHTRtrsapseedDEN.docx/REGTRtrsapseedDEN.docx** | | | Documentations for size frequency figures produced in 2015 |
|  | **SpAbundance** | | | | | | | | | | | | Species abundance figures produced by TRSpabundTree.sas |
|  | **Substrate** | | | | | | | | | | | | Some substrate relevant figures produced by trsubGraph.sas |
| Trans\_Other2015 | | | | | | | | | | | | |  |
|  | | | Data collected in 2015.docx | | | | | | | | | | Documentation of data collected in 2015 |
|  | | | Data2015.sas | | | | | | | | | | SAS program to read in 2015 raw data |
|  | | | Hhtr15ht.ssd | | | | | | | | | | HH transect height and top condition collected in 2015 |
|  | | | Abba15ex.ssd | | | | | | | | | | ABBA maximal EX collected in 2015 |
|  | | | HHdatacheckindiv.sas | | | | | | | | | | SAS program to check 2015 HH transect data against previous data |
|  | | | HHtrCHT.sas | | | | | | | | | | SAS program to create a file with canopy height from year of 99,11, and 15 |
|  | | | Hhcht15mas.ssd | | | | | | | | | | SAS data set with HH canopy height from 99,11, and 15 |
| [TRDestructiveData](../TR%20Destructive%20Data) | | | | | | | | | | | | | Edition/Correction/exploration on high-high transect destructive data. Recovery of Dora Sugar’s figures |
| [TrSegGLI](../TrSegGLI) | | | | | | | | | | | | | Edition/Correction/exploration on transect and segment GLI data |
| WISP | | | | | | | | | | | | | Files for WISP program in 2012 |

|  |  |
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| **R:\MOOSHUBB\longterm\DEMOplotPAP** Data files and codes on Matt’s thesis/papers. Matt shared this on dropbox in Mar.2013, and Lixi downloaded them to AFS. | |
| *R:\MOOSHUBB\longterm\FilesfromPAP2010* | |
| Files got from Peter during 2010 field season | |
| *R:\MOOSHUBB\longterm\FilesfromPAP19Aug2013* | |
| Files got from Peter in 2013 | |
| **R:\MOOSHUBB\longterm\GLIdata**  GLI data copies from CDs in 2013. Each folder has files from one CD | |
| **R:\MOOSHUBB\longterm\Moos\_rml**  Data files and codes on Matt’s thesis/papers. Matt shared this on dropbox in Mar.2013, and Lixi downloaded them to AFS. | |
| **R:\MOOSHUBB\longterm\RawData2003**  This folder has permanent and segment data collected in 2003 by Melisa. Lixi got it from Peter in 2011. There are still some data missing that Mellissa is trying to figure out. | |
| FOLDER /FILE NAME | DESCRIPTION |
| M Coppola data PP 2003.xls | Permanent species cover and count data collected in 2003 |
| MCoppola data 2003 segments | Segment species cover/count, substrate, litter depth and canopy density data collected in 2003. This file has four sheets. |
| Unsorted PP data.xls | A more recent permanent file got from Mellissa, which has more data than “M Coppola data PP 2003.xls”. Should just ignore “M Coppola data PP 2003.xls”. |
| FOLDER /FILE NAME | DESCRIPTION |
| **R:\MOOSHUBB\longterm\RawData2010**  This folder has all raw data collected in 2010 summer (June.09~Aug.27) and other relevant documents. | |
| Folder/File name | DESCRIPTION |
| Data logger 1 | This folder has raw data from data logger 1. Each folder in this folder was named by the date data were collected, which data logger was used, and which plot the data was collected from. |
| Data logger 2 | See description for Data logger 1 |
| Data logger 3 | See description for Data logger 1 |
| Data logger 4 | See description for Data logger 1. Data logger 4 was used starting 07/08/2010. |
| Documents | This folder has relevant documents such as datasheets, training files, etc. |
| Moosilauke Old Records | This folder has protocols and datasheets from previous years |
| Corrections2010.xls | Correction file created by field crew, edited by Lixi, including corrections need to be made to old data files, such as change of species, trees come alive in 2010, relabeling, etc. |
| Clinometer Readings.xlsx | Slope re-measurements did in 2010 |
| Clinometer Readings\_comparison.xlsx | Comparison of 2010 and old slope data and relevant graphs |
| Tree heights formula old.xls | Excel file with old formula to calculate tree heights basing on plot slope, slope to tree top, tree base, and distance to tree base, which needs to be corrected. |
| Tree height formula updated 2011.xls | Excel file with new formula updated in 2011 to calculate tree heights taking slope signs into account. |
| **R:\MOOSHUBB\longterm\RawData2011**  This folder has all raw data collected in 2011 summer, and other relevant documents. | |
| Folder/File name | DESCRIPTION |
| 6.24.11 | This folder has 2011 filed data entered into excel 2007 file on 6-24-2011(this is not the date data collected) by field crew. Excel 2007 file was also transferred into excel 2003 file so SAS can import it. |
| 6.29.11 | See above |
| 6.30.11 | See above |
| 7.18.11 | See above |
| 7.26.11 | See above |
| 7.28.11 | See above |
| 8.10.11 | See above |
| 8.15.11 | See above |
| 8.25.11 | See above |
| 8.30.11 | Data entered starting 8.30.11 were done by Lixi&Noah |
| 8.31.11 |  |
| 9.01.11 |  |
| 9.02.11 |  |
| 10.11.11 |  |
| Data sheets for segments and High trans plots 2011 | Blank data sheets which field crew used to collect data. |
| North transect data sheet | Blank data sheets for north transects |
| Raw data locations.xlsx | This files records which folder data for each plot are located. Two datasheets, one for transect, on for segments. |
| Moosilauke Work Log\_3AUG11.docx | Work logs from 2012 |
| **R:\MOOSHUBB\longterm\RawData2012** | |
| Folder/File name | DESCRIPTION |
| gpsfiles | Arcpad gps files |
| SEGGPS6-28-12-T1.xlsx | Prism, slope, and shape data |
| SegGPS7-10-12.xlsx | Prism, slope, and shape data |
| Moosilauke\_Low\_MidE\_contour2012.txt | GPS data |
| *R:\MOOSHUBB\longterm\Recovered\_Data* | |
| Data read from old disks by Richard Brittan. | |
| *R:\MOOSHUBB\longterm\Recovered\_data\_excel* | |
| Data read from old disks by Richard Brittan, and transformed to Excel files by Lixi | |
| *R:\MOOSHUBB\longterm\TranDestructiveData* | |
| High high transect destructive data copied from CDs in 2013. Each folder has files from one CD. | |

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| *R:\MOOSHUBB\longterm\Contour89\Lixi Edit* | |
| Contournew.ssd | New segment tagged individual master file for 1988~1989 data |
| *R:\MOOSHUBB\longterm\Moos1999\Lixi Edit* | |
| Seesap9800.ssd | New segment tagged individual master file for 1998~2000 data |