Change Log for CA Natural Flow Project, TNC

The following changes were made in creating Version 2.

1. Predictor data and estimated natural flows are now limited to the 139,912 NHDPlus V2 stream segments (COMID) within the political boundaries of California. Version 1 included predictors and flow estimates for segments across the entire extent of each ecoregion that falls within California. Because reference sites were focused on the California geographic area, predictions to areas outside California may be less defensible.
2. It was discovered that Version 1 lacked flow estimates for several hundred COMIDs within California, including many associated with USGS gages. Version 2 rectified this oversight.
3. Version 2 how includes the workspaces used to develop each model. Each workspace includes the "forest" from which natural flow estimates were produced, and can therefore be used to make new estimates in the future (or reproduce the original estimates contained within this database). Future updates will include R scripts to use these workspaces.
4. Version 2 now includes natural flow estimates to and including 2015 (Version 1 included up to 2013).
5. The following new file exists:
    1. CA_TNC_Revisions_Dec2016.R. Script used to reconstruct the database of predictor variables for model application to NHD segments.
    2. QA.R. Script used to perform a limited data check on the reconstructed database of predicted flow values.
6. NOTE: that in order to reduce the file size, the predicted flow files now contain fewer variables than those of Version 1. Removed variables were deemed extraneous. Predicted flow files now include the following variables (fields): COMID, AREA, Year, P10, P90, MEAN, P10_Q, P90_Q, Estimated.Q, Month. See ReadMe file for Version 1 for field explanations.