**Documentation of Nature’s Notebook v2.2**

(1/29/2014 to 3/9/2015)

*Updated 4/6/2015 by Ellen Denny*

The documentation files in this packet are organized as follows:

**Monitoring guidelines** folder includes a screen capture of the FAQ webpage, and information about “shared sites” that was updated since Nature’s Notebook v2.1. All other webpages, printable materials, and training slideshows/videos available to observers and administrators of “shared sites” did not change since Nature’s Notebook v2.1 (see v2.1 documentation), and thus are not included again in this v2.2 documentation archive.

**Species** folder includes a list of all species available for monitoring. The format of the species search page and species profile pages did not change from Nature’s Notebook v2.1 (see v2.1 documentation) and thus example screen captures are not included again in this v2.2 documentation archive. For specifics on phenophases and definitions for each species during this period, check the database output that accompanies download of Nature’s Notebook data.

**Registration forms** folder includes screen captures of the initial registration process, which was streamlined since Nature’s Notebook v2.1. All other registration and data entry forms did not change from Nature’s Notebook v2.1 (see v2.1 documentation) and thus example screen captures are not included again in this v2.2 documentation archive.

**Datasheets** did not change from Nature’s Notebook v2.1 (see the v2.1 documentation) and thus are not included again in this v2.2 documentation archive.

**Mobile apps** folder includes screen captures of all the main data entry processes for the Nature’s Notebook Android and iPhone apps, as well as a custom Android mobile app developed for the Appalachian Trail Seasons project. The Android and iPhone mobile apps were first released in March 2012 and have been gradually improved. We are documenting them with screen captures for the first time here.

As of August 2014, several database fields were added to better document who observed each phenophase status record (ObservedBy\_Person\_ID), who entered the record online (SubmittedBy\_Person\_ID), and where relevant, who updated the record after the fact (UpdatedBy\_Person\_ID). These steps are quite often done by different people at “shared sites” and previously only the person entering the data was documented—or in some cases all observers shared a single account so it was impossible to know who collected what. Participants at shared sites are now encouraged to each have a separate account. This enhanced Person\_ID information is available in the database output that accompanies download of Nature’s Notebook data.

Details of what was new in Spring 2014 were outlined on the Frequently Asked Questions page and are included here:

WHAT'S NEW FOR SPRING 2014?

We have added several new plant and animal species to *Nature’s Notebook,* and made some enhancements to moth and bee protocols by adding a few new phenophases to better capture the seasonal activities of these important plant pollinator and pest species. Additionally, we have developed a new protocol for scale insects to help in integrated pest management for two common species in the US, pine needle scale and black pineleaf scale. All the other species and phenophases you are accustomed to are still here, unchanged, and waiting to be observed!