

## SUPPLEMENT 1 AUDIO FILES README

The folder structure contains wav files of the 354 nocturnal flight calls discovered among the detections made by Tseep-r software between October 16 and December 3, 2012. The calls are classified to species type, species complex, the unidentified call, or as unclassified. The basis of the species classification is the Evans & O'Brien CD-ROM (2002). An additional example of the unidentified call from September 19, 2012 is included.

Spectrograms of the files may be viewed with the free spectrogram viewer GlassOFire that can be downloaded at: <http://oldbird.org/glassofire.htm>. Recommended viewing parameters are: 256 FFT, Frame length = 128, Window function = Blackman, and Hop size = 1.

The following key indicates the classifications for each folder. Species listed for the complexes are those that were documented by the banding operation to be present in the region during the study period.

AMRE – American Redstart (*Setophaga ruticilla*) type

BAWW – Black-and-white Warbler (*Mniotilta varia*) type

COYE – Common Yellowthroat (*Geothlypis trichas*) type

DBUP – Double-up complex. Species include: Tennessee Warbler (*Oreothlypis peregrine*), Orange-crowned Warbler (*Oreothlypis celata*), Nashville Warbler (*Oreothlypis ruficapilla*), and Black-throated Green Warbler (*Setophaga virens*).

GHSP – Grasshopper Sparrow (*Ammodramus savannarum*) type

LISP – Lincoln's Sparrow (*Melospiza lincolnii*) type

NOPA – Northern Parula (*Setophaga Americana*) type

NWTH – Northern Waterthrush (*Parkesia noveboracensis*) type

OVEN – Ovenbird (*Seiurus aurocapilla*) type

PASSERINA – Passerina complex. Species include: Blue Grosbeak (*Passerina caerulea*), Indigo Bunting (*Passerina cyanea*), and Painted Bunting (*Passerina ciris*)

SVSP – Savannah Sparrow (*Passerculus sandwichensis*) type

UNIDENTIFIED CALL (Llamado desconocido) – 33 examples of the unidentified call that is discussed in the manuscript.

UNCL – Presumed parulid, emberizid, and carduelid calls not classified to a species type or species complex.

VESP – Vesper Sparrow (*Pooecetes gramineus*) type

WIWA – Wilson's Warbler (*Cardellina pusilla*) type

YRWA – Yellow-rumped Warbler (*Setophaga coronate*) type

ZEEP – ZEEP complex. Species include: Worm-eating Warbler (*Helmitheros vermivorus*), Magnolia Warbler (*Setophaga magnolia*), Yellow Warbler (*Setophaga petechia*).