Appendix 1

Fig. A1.1 Maps demonstrating the breeding distributions for three Swainson’s Warblers captured in Jamaica (JAM773, 774, 777), and nonbreeding distributions for five Swainson’s Warblers captured in Louisiana (LA705, 706, 708, 710, 711).
Fig. A1.2 Twilight error (left panel) and zenith angle distributions for each of the Swainson’s Warblers tagged with a light-level geolocator in Louisiana (blue) and Jamaica (red) during the 2018 breeding and nonbreeding seasons, respectively.