

Full Live-cycle Conservation Template and Spreadsheet

As we have demonstrated with waterfowl conservation, if we are to successfully conserve migratory species, we must have conservation action across their range and life-cycle. Southern Wings provides a vehicle for state agencies to support conservation action for their priority SGCN migratory birds while on their nonbreeding or wintering grounds. The state agency Southern Wings Technical Committee created template text and a species spreadsheet to assist state agency's in incorporating annual life-cycle conservation of priority migratory birds into the updates/revisions of their SWAPs.

The template text provides the following.

- Justification language that can be tailored to each state.
- Links to locations to download maps that use Ebird data to show migratory connections.
- Template text to link directly to Southern Wings projects and case study examples.
- A spreadsheet with information about species that current Southern Wings projects impact, the areas/countries where conservation action is occurring, generally the type of conservation action that is being taken, and the name of the Southern Wings project(s). It also includes a worksheet showing whether the species is of regional priority and which states include it as a SGCN.

We believe that this information can be incorporated into a SWAP to give a state flexibility on where and how they want to implement conservation action for a species (especially when the limiting factors are on the nonbreeding or wintering grounds) with SWG, PR, and other funds available to the state.

For example, 35 states list Cerulean Warbler (*Setophaga cerulea*) as an SGCN. It is also a regional priority for MAFWA, SEAFWA, and NEAFWA. Southern Wings supports projects in the following areas and projects to implement conservation action for the Cerulean Warbler.

- Coastal Caribbean region of Guatemala (Project 1: Protection of Wintering and Stop-Over sites in the Conservation Coast Birdscape, Guatemala)
- Costa Rica (Project 8: Neotropical Flyway Project)
- Choco Rainforest, Ecuador (Project 10: Restoration of Migratory Bird Habitat in Ecuador)
- Central Andes, Colombia (Project 11: Improving Migratory Bird Habitat in Colombia)

The most common conservation actions are as follows.

- Protect, restore, and manage key habitat
- Support agroforestry a
- Identify key stopover and non-breeding sites
- Engage communities to restore forests and increase habitat connectivity
- Engage coffee farmers to create a conservation corridor in Colombia

Lastly, the specific projects associated with this work are as follows.

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