

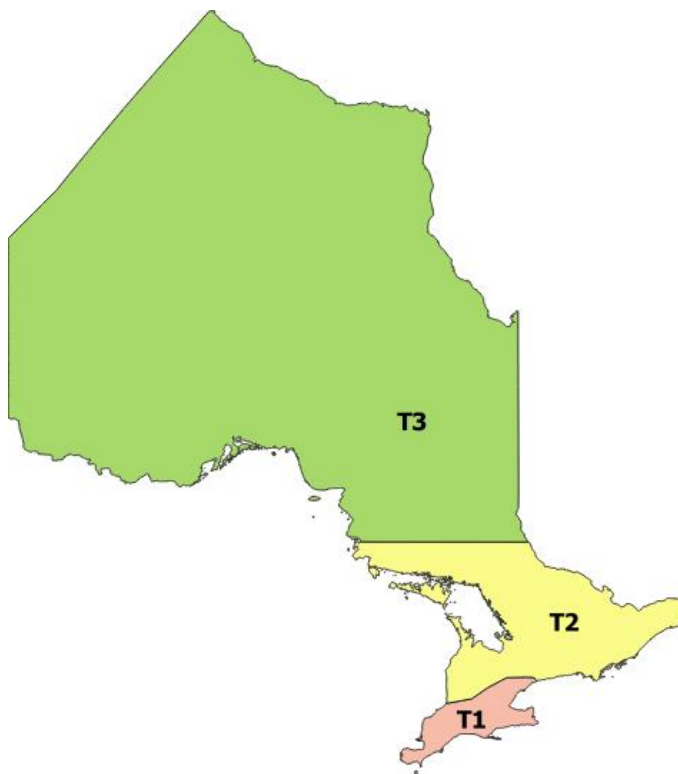
# TIGER SWALLOWTAILS IN THE ONTARIO BUTTERFLY ATLAS

*Alan Macnaughton*

Chris Schmidt's article above outlines the 3 tiger swallowtail categories of *P. glaucus*, *P. canadensis* and Midsummer Tiger Swallowtail. To bring the Atlas data into conformity with these categories, Rick Cavasin and Chris Schmidt divided the province into 3 areas, T1, T2 and T3, as shown in Map 1. Observations in each area were treated as follows.

- Observations in area T3 were already identified as *P. canadensis* in the Atlas, so no changes were necessary
- Observations in area T1 were previously mostly assigned to *P. glaucus* in the Atlas. Although the Midsummer Tiger has been confirmed to exist in this region, not enough is known about how to separate it from *P. glaucus*, so most of these observations were left as they were for the time being. In the future, when more is known about the Midsummer Tiger in the Carolinian Region, these observations may be reviewed.
- Observations in area T2 were individually scrutinized by Rick Cavasin (with input from Chris Schmidt) on the basis of their location, date of observation and, where photos were available, specimen appearance. Each observation was assigned to one of 4 categories: *P. glaucus*, *P. canadensis*, Midsummer Tiger Swallowtail, or Tiger Swallowtail Complex (i.e., indeterminate).

The ID assignments for the observations from area T2 are tentative, as research is continuing. As new findings emerge, these observations may need to be revisited.



**Map 1.** Three Tiger Swallowtail Areas