

TREND MONITORING PROGRAM

The CMMN's Trend Monitoring Program (TMP) is a cooperative CMMN project to track population change across Canada. Stations wishing to contribute to this program must meet the following criteria *in addition to* the basic requirements for CMMN membership.

1) Prior to being accepted as a TMP participant, the following should be submitted to CMMN (CMMN.RCSM@gmail.com) as evidence that the remaining criteria can be met.

- Station protocol suitable for TMP (see below). Standardized daily counts conducted according to the station's protocol, from at least one year of operation.
- Results of a baseline habitat assessment using the procedure outlined in the station's protocol;
- Indication of whether landowner has been asked whether and what level of habitat management might be allowed (e.g. to trim vegetation around nets), and if so, what was the response.

2) The following elements must be included in the station protocol in addition to those required of all Member stations:

- Instructions for periodic standardized assessment of habitat, and where appropriate, for habitat management;
- Instructions for timing and length of each count type contributing to a consistent index of daily migratory passage. (If banding is part of the protocol, four hours should be covered at a minimum, and preferably at least six);

3) The station should operate with adequate standardized coverage for at least one species that meets all four of the following criteria:

- Breeds in Canada;
- Station coverage spans at least 75% of the days in the target species' spring or fall migration window (the site-specific span of dates within which 95% of migrating individuals are observed);
- Abundance during the migration period greatly exceeds size of any local-area population present in the week(s) immediately before and/or after the migratory "pulse;"
- Abundance will clearly meet sample size criteria for trend analysis (long-term average of at least 10 individual passage migrants per season and presence at site on at least 5 separate days per season);

4) Stations should have a long-term institutional arrangement that provides a reasonable expectation it can be operated for at least 10 years and through turnover in personnel. This could consist of non-profit organizational status or a formal agreement with an organization such as a university, research station, or another non-profit organization such as a local naturalists' group. Secure tenure for use of the station's location should also be based on an expectation of at least 10 consecutive years of operation following standardization of its protocol;

5) Stations are expected to submit standardized monitoring data and measures of effort to Birds Canada using its DET software, unless otherwise approved by the CMMN- RCSM database manager.