

Draft Monitoring Objectives

- Population Trends
- Species Distribution
- Demographic Monitoring
- Habitat Monitoring

Trend Objectives

All Breeding Species with $RD \geq 2$ in ON bcr13

- Able to detect 50% decline in 20 yrs in ON bcr13

OR

- Able to detect 50% decline in 20 yrs range-wide
AND less precise trend available in ON bcr 13

Priority Breeding Species with $RD = 1$

- Species-specific monitoring for species of high management concern / interest

Trend Objectives (continued)

Contribute to Continental Monitoring Priorities

- Monitor migrant species inadequately surveyed on northern breeding grounds
 - Migration Monitoring Stations
 - Christmas Bird Counts

Trend Objectives – current status

Breeding landbirds with $RD \geq 2$	110
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• Adequately monitored in BCR 13 ON	64
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• Adequately monitored range-wide, and have trend data in BCR 13 ON	31
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• Don't meet objective	15
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Priority breeding species with $RD = 1$	11
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• Priority species due to SAR listing	7
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• Other low density species	4
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Trend Objectives – current status (2)

Species that don't meet objective (RD \geq 2):

- 5 with imprecise BBS trends (RuGr, Ospr, WiTu, BhVi, BtnW)
- 2 listed Species at Risk (HeSp, LoWa)
- 3 Owls (Saw-whet, Long-eared, Screech)
- 3 Hawks (Goshawk, Cooper's, Merlin)
- 2 Forest Interior (Br Creeper, Cerulean Warbler)

Priority Species, not SAR and RD=1:

- 4 Species (BbWa, PraW, RuBl, SeOw)

Trend Objectives – current status (3)

Species of Continental Importance:

- 42 spp. with Poor Coverage of Northern Range
 - ≥ 17 are monitored at migration monitoring stations in southern Ontario
 - 5 are monitored within BCR 13 Ontario portion of breeding range

Other Landbirds:

- 54 other spp. with poor northern coverage, many also monitored by migration monitoring

Distribution Objective:

- Able to detect 15% change in range size over 20 years within each Atlas subregion

Demographic Objective:

- Track productivity, survival, movements for species or study areas of management interest

Habitat Monitoring Objective:

- Measure and report changes in land cover & land use at 5 year or more frequent intervals