

Tools Used to Study Bird Movements:

Yakama Nation—TFW Program



Researchers use mist nets to capture birds, such as this Wilson's Warbler (far right), so they can be:

- Banded
- Weighed
- Aged
- Measured

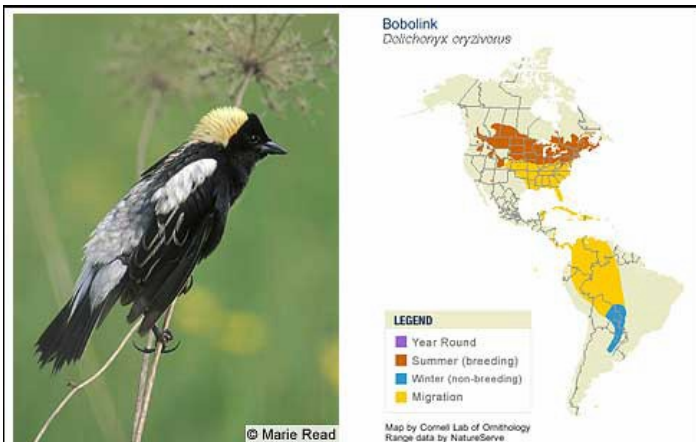


Federal permits and training are required to operate mist nets to capture birds.



Specific colored leg bands are unique to each bird, like those on this White-headed Woodpecker adult (left) and nestling (above). This allows researchers to assess yearly survival and track movements of individuals.

Metal numbered leg bands allow researchers to track movements, patterns, and migration pathways for long distance migrants, such as the Bobolink (right).



Round trip migration for Bobolinks may exceed 12,000 miles in a year, yet their site fidelity is quite strong. They often return to the same field each year.



Attaching radio transmitters to birds (left) enables researchers to track short-term local movements to determine territory boundaries, feeding areas, nesting locations, and adult survival and mortality factors.