### WCS Canada Program Highlights

#### Western Bats
- **2022**: > 504 Bridges studies for bat use and tracking WNS’s spread in Western Canada.  
  > Began the analysis of 250,000 acoustic recordings collected in five years  
  > 43 fake bark roosts and 12 tree modifications completed to mitigate natural habitat loss.

#### Ontario Northern Boreal
- **2021**: > 480 Bridges studied in Alberta and Saskatchewan for bat use.  
  > 53 NABat gridcells were monitored for acoustic analysis of bats  
  > Fake bark roosts and tree modifications were installed to mitigate habitat loss.
  
  - **2022**: > Captured and collared 19 new wolverines.  
    > Captured, tagged, and collected samples from 45 new lake sturgeon.  
    > Downloaded receivers with 800,000 new detections logged from tagged fish  
    > Launched a new website for the lake sturgeon program, to increase youth engagement

#### Northern Boreal Mountains
- **2021**: > Found 40 active nests including 17 Black-backed Woodpecker nest in our Birds and Burns study  
  > Generated preliminary distribution models for 36 plants and 2 invertebrate species  
  > surveyed boreal songbirds at 312 unique locations  
  > Analyzed data from 47 wildlife camera to uncover sites with grizzly bears and wolverines

#### Western Arctic
- **2022**: > Recovered 44 (73%) geolocator tags along with a good sample of diet observations for our thick-billed murre project.  
  > Studied ringed seals and bearded seal stomach contents for micro plastics  
  > Led a detailed analysis of marine mammal detections and study of affects of noise on these species including whales and seals

#### Key Biodiversity Areas
- **2021**: > Tagged 60 thick-billed murres with geolocators.  
  > Collected GPS tracks including dive records from 23 birds, feeding observations, morphometrics on 53 birds in our study of thick-billed murres.  
  > In response to pandemic restrictions, we established partnerships with local communities to continue our acoustic monitoring programs.

- **2022**: > Launched the national KBA registry and website  
  > Presented at COP15 at Canada Pavillion and Nature Positive Pavilion.  
  > Published 36 National KBAs and submitted 21 global KBAs, and led the review of an additional 124 KBAs

> Identified 260 new KBAs  
> Released the first National KBA Standard in the world for Canada in French and English  
> Coordinated and led monthly KBA webinars  
> Developed a partnership with Centre for Indigenous Environmental Resources (CIER) to lead discussions about how KBAs could support Indigenous led conservation.

*For information about all of our programs and further details we encourage you to visit the webpages related to each program.*