



Parks
Canada

Parcs
Canada

Canada

Black Tailed Prairie dogs (*Cynomys ludovicianus*), Partnerships, and Plague: Striving for the Recovery of the Black-footed Ferret (*Mustela nigripes*).

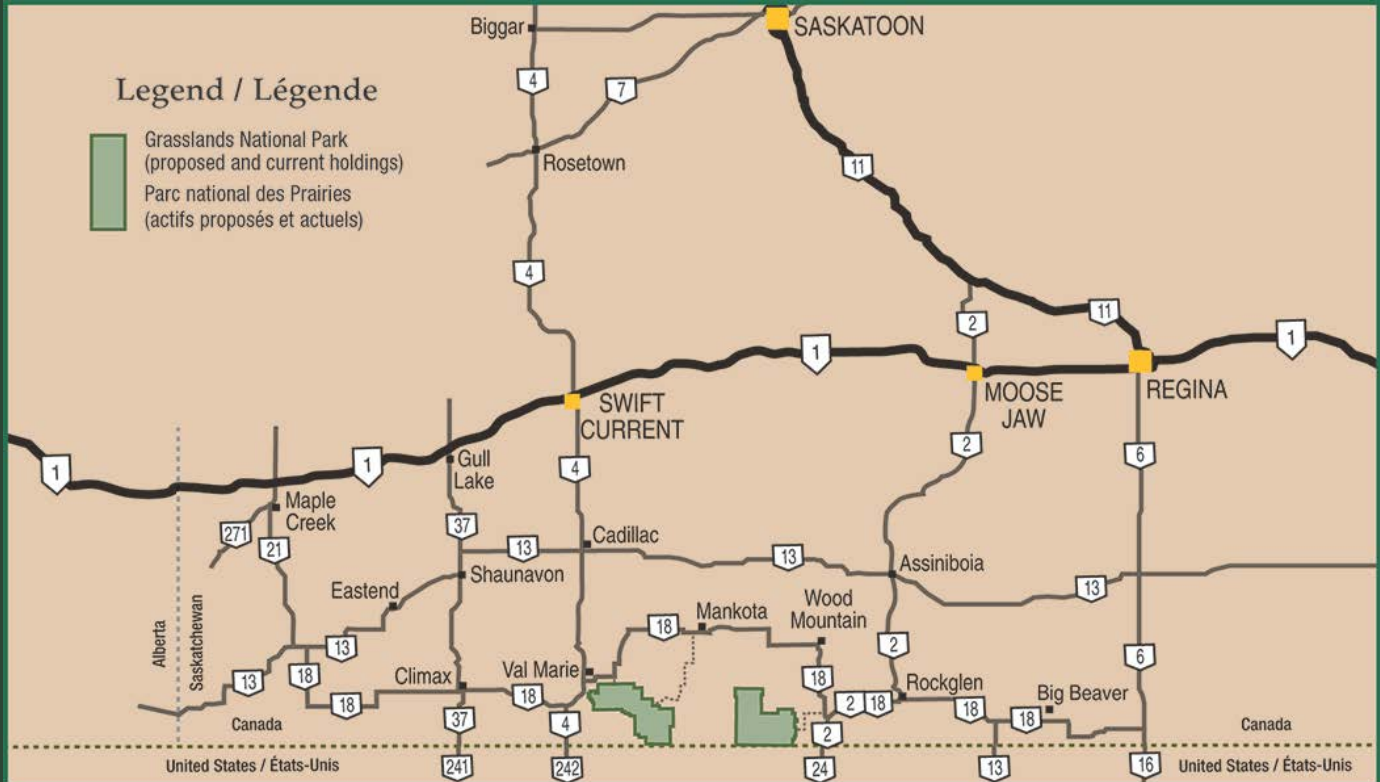
Shelley Pruss*, Heather Facette* and
Tara Stephens**

*Parks Canada Agency, **Calgary Zoo's Centre for Conservation Research



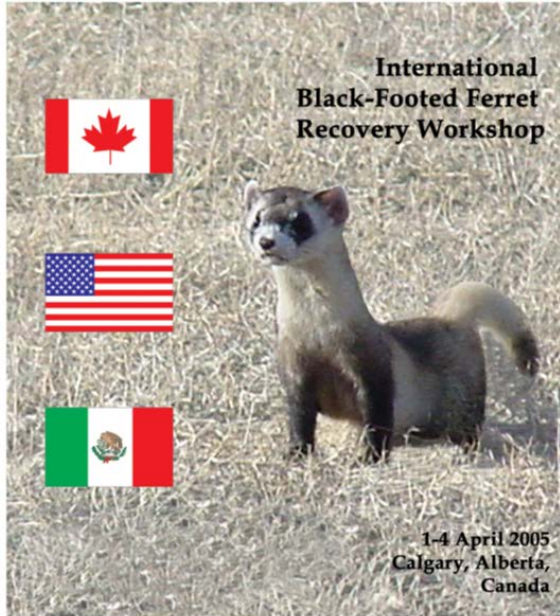


Canadian Reintroduction Site





Partnerships – feasibility and planning



- Formation of joint BTPD and BFF Recovery Team
- BFF Recovery Strategy and BTPD Management Plan co-written by Parks Canada and Calgary Zoo



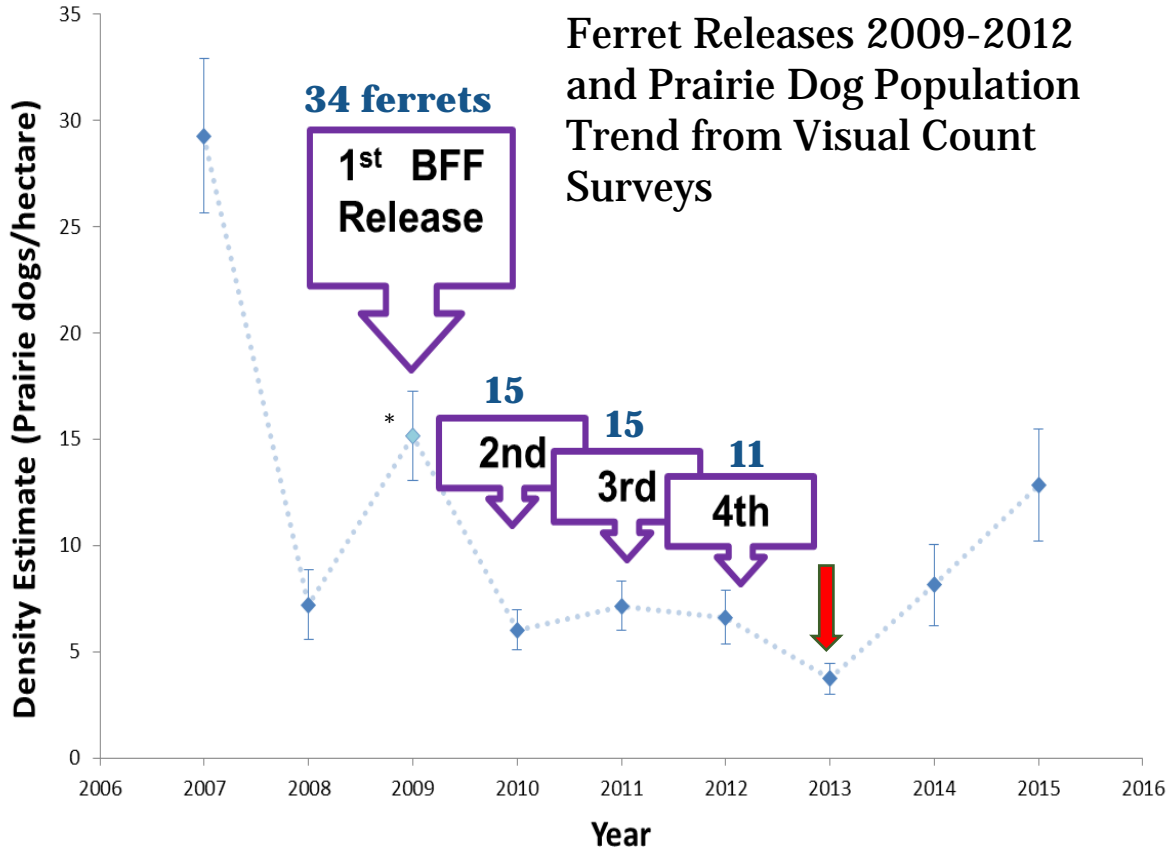


First Canadian Black-footed Ferret releases in 2009





Prairie Dog Visual Count Density Estimates

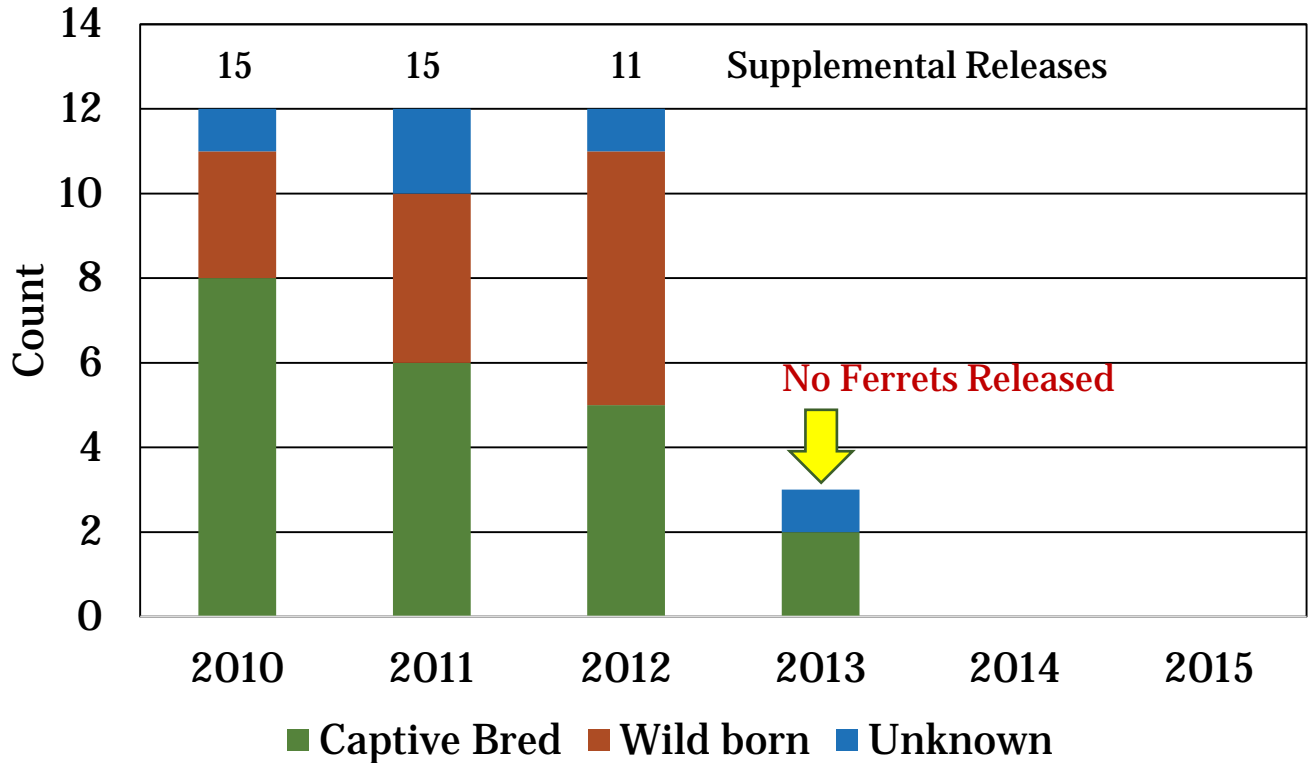


* This is from Mark Recapture data as Visual Counts were not conducted in 2009



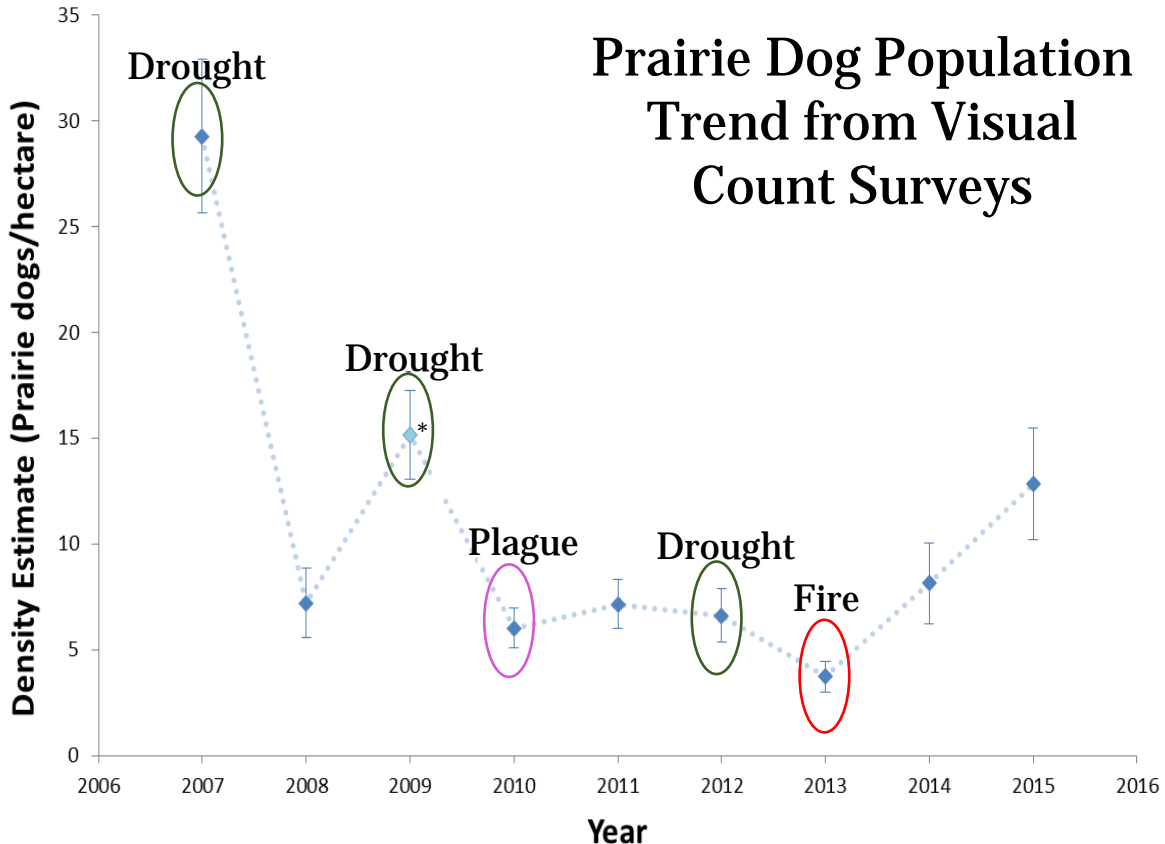
Ferret survival and reproduction in Grasslands National Park

Minimum Number of Ferrets Alive





Factors contributing to decreased density and spatial extent of prairie dog colonies



* This is from Mark Recapture data as Visual Counts were not conducted in 2009



Sylvatic Plague Mitigation





Oral Plague Vaccine

Bait

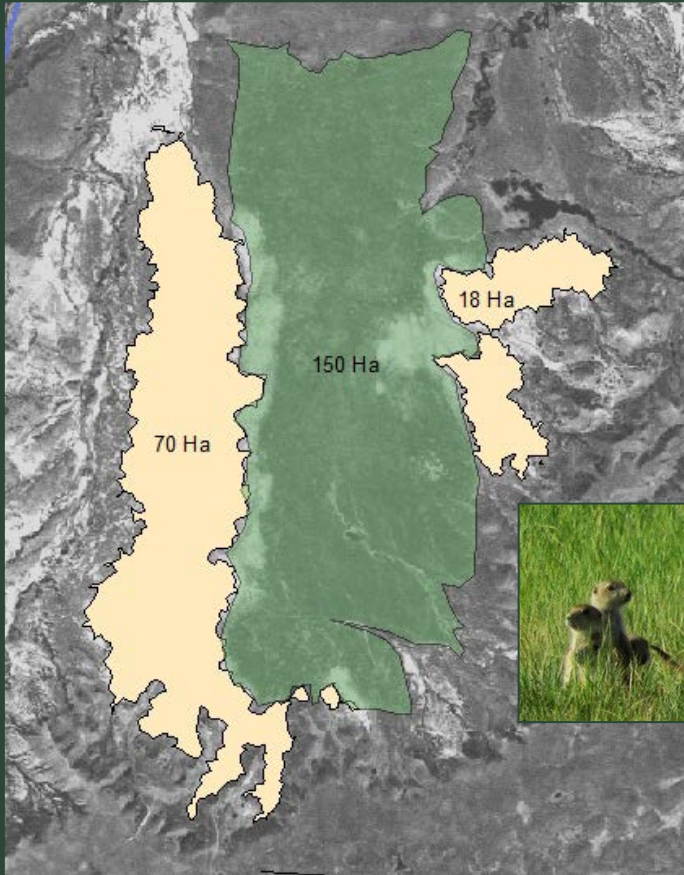


Testing for Bait Uptake and antibodies

Photos: USGS



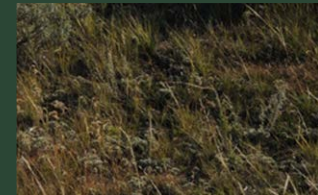
Habitat Restoration Pilot Project



Mowing



Prescribed Fire



Reseeding Native plants



Prairie Dog Occupancy



IN PROCESS: Habitat Mapping and Decision Support Tool Development: conduct habitat inventory and mapping activities to determine the most suitable areas for optimal prairie dog habitat. This information will be used to inform and support future habitat restoration activities.





Reintroduction Partnerships

Working towards a common goal:
To restore the ferret-prairie dog
ecosystem in Canada





Acknowledgements



*Village of
Val Marie*



Environment Canada
Environnement Canada



Saskatchewan
Ministry of
Agriculture



Saskatchewan
Ministry of
Environment

