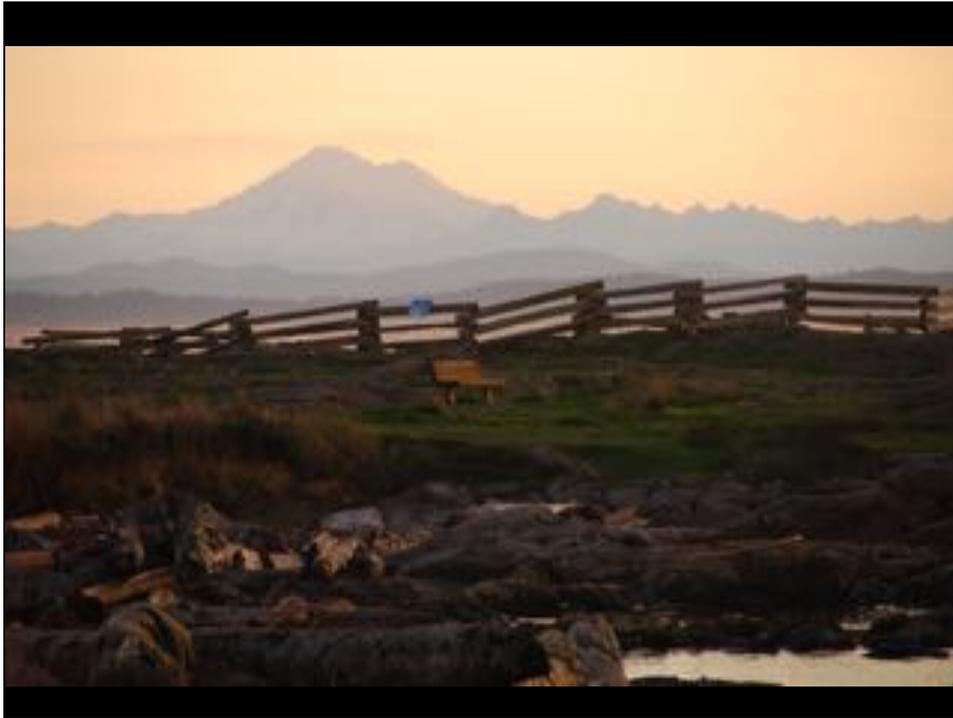




A beautiful place...



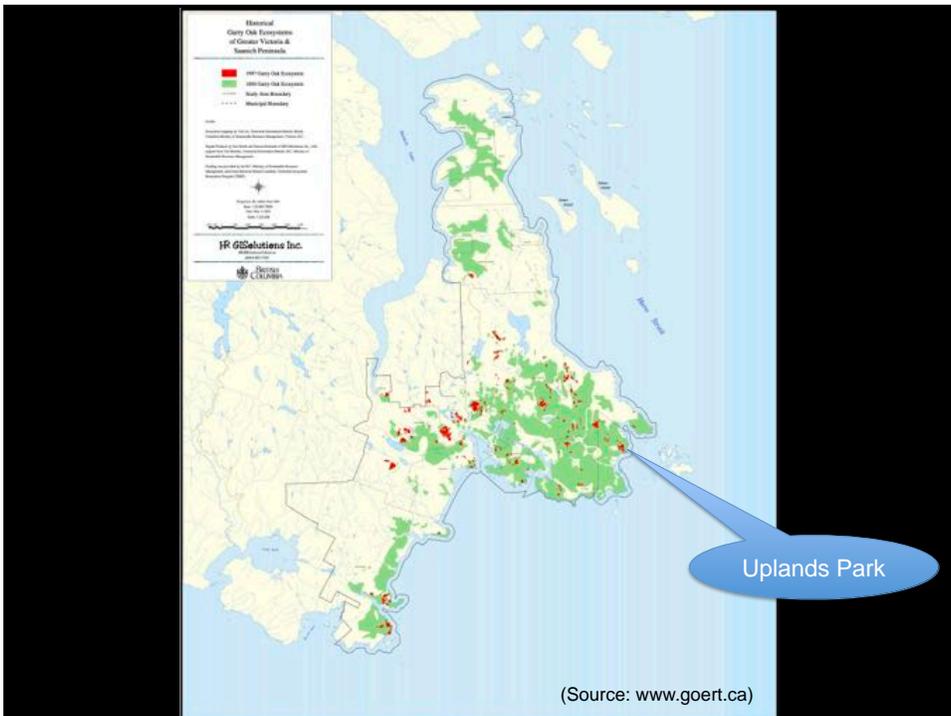




An ecological treasure...

- **endangered ecosystems**
- **endangered species of plant**

Garry Oak & Associated Ecosystems









**An unusual number of
Rare Plant Species**

- 25 are provincially listed
(14 red-listed, 11 blue-listed)
- 14 are federally listed with
Species at Risk Act (SARA)

Rare plant hotspots in our region

	Total Rare Plants	Provincial Status	National Status (SARA)	Global Status
Uplands Park	25	15 Red 10 Blue	9 Endangered 2 Threatened 3 Special Concern	1 Imperiled (G2) 4 Vulnerable (G3 or T3)
Rocky Pt./Bentinck Isl.	23	11 Red 12 Blue	6 Endangered 1 Threatened	1 Imperiled (G2) 1 Vulnerable (T3)
Trial Island	20	13 Red 7 Blue	7 Endangered 2 Threatened 2 Special Concern	2 Critically imperiled (G1) 1 Imperiled (G2) 4 Vulnerable (G3 or T3)
Mill Hill	12	5 Red 7 Blue	1 Endangered 1 Threatened 1 Special Concern	1 Vulnerable (G3)
Observatory Hill	11	5 Red 6 Blue	3 Endangered 3 Special Concern	1 Imperiled (G2G3) 2 Vulnerable (G3 or T3)

Kellogg's Rush (100% Canadian population)



Water-plantain Buttercup (60% : 1 of 2 sites in Canada)



Muehlenberg's Centaury (98%: 1 of 4 sites in Canada)



Bearded Owl-clover (30%: 1 of 7)



Where are the rare plants? In the open areas (24% of area)



Being loved to death...





Dog runs damage endangered meadows

But the BIGGEST threat is...



Brief History: Invasive Plant Removal

- Early '90s : broom removal started in by Margaret Lidkea
- Mid '00s : some trees and gorse removed by OB Parks
- 2006 : federal funding available

Habitat Stewardship Program (HSP)

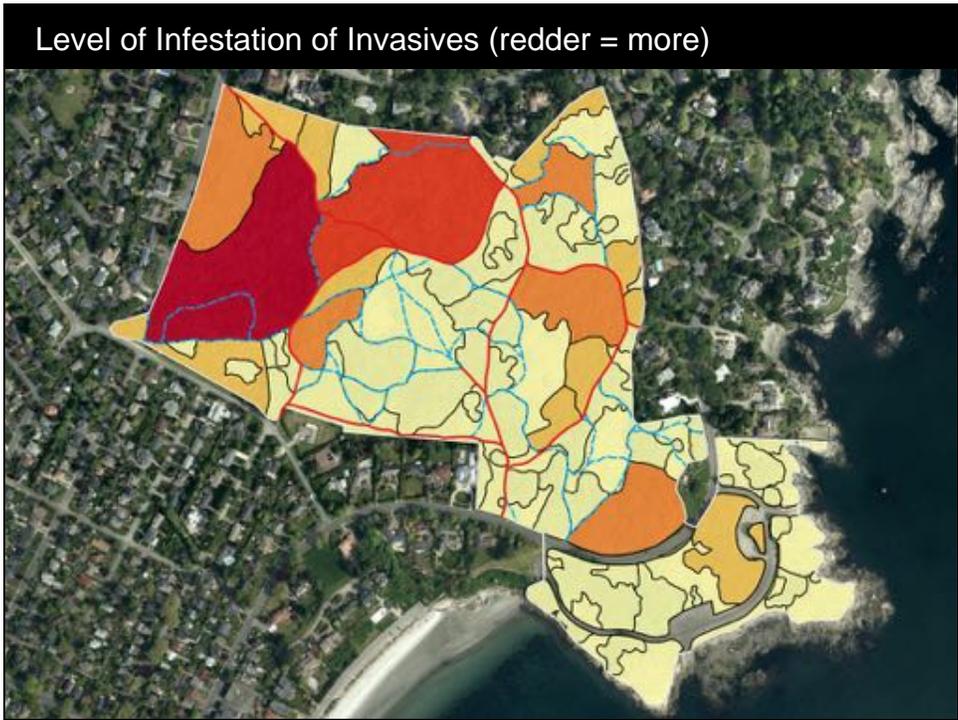
- Federal Funding
- Started in 2006
- Funding in 9 of last 12 years
 - *between \$18.5K and \$36.4K / year*
- Requires in-kind support from:
 - *Oak Bay municipality*
 - *Community Volunteers (Friends of Uplands Park)*

Uplands Park HSP Partners



Uplands Park HSP Project

- **Several components:**
 - Invasive plant removal
 - Signage & trail formalization
 - Enclosures around SARs
 - Replanting with native species
 - Inventory and monitoring
 - Outreach & education
 - Internet / FaceBook Presence



The biggest threats:



Open Meadows—Where the broom and gorse are found



All broom and gorse of blooming size is removed (May)



Plus Bur Chervil & Carpet Burweed (late winter & early spring)



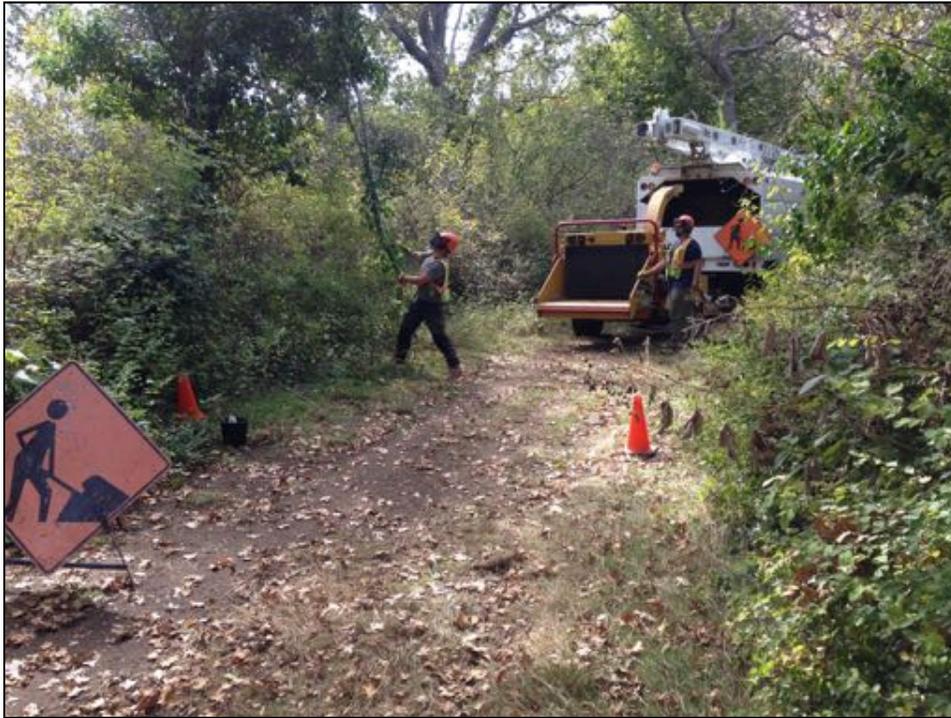
HSP Project

Invasive trees removal...

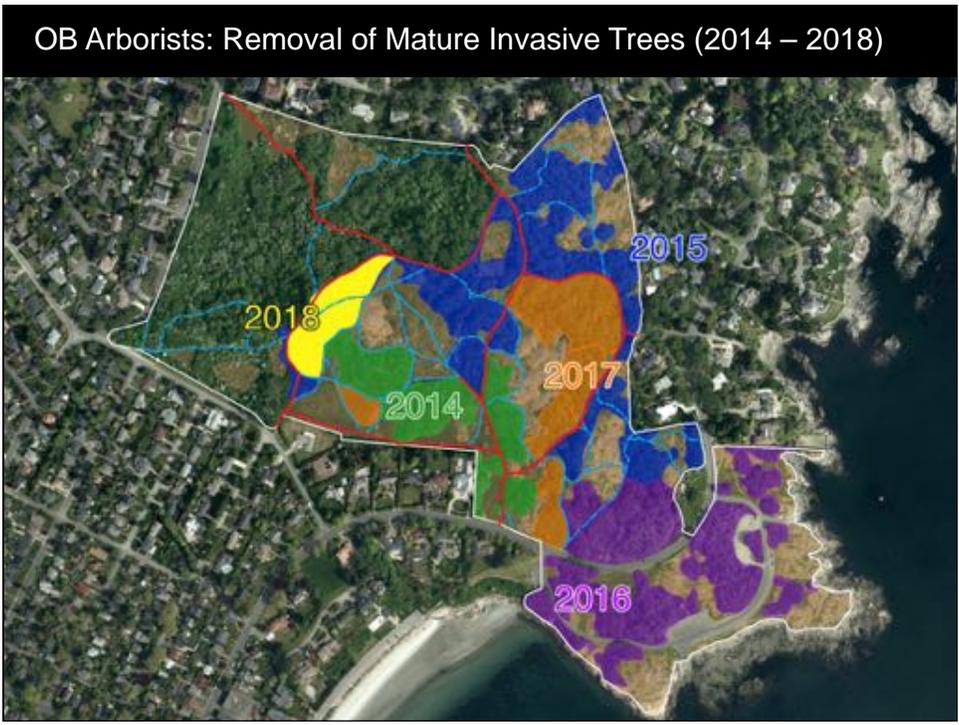
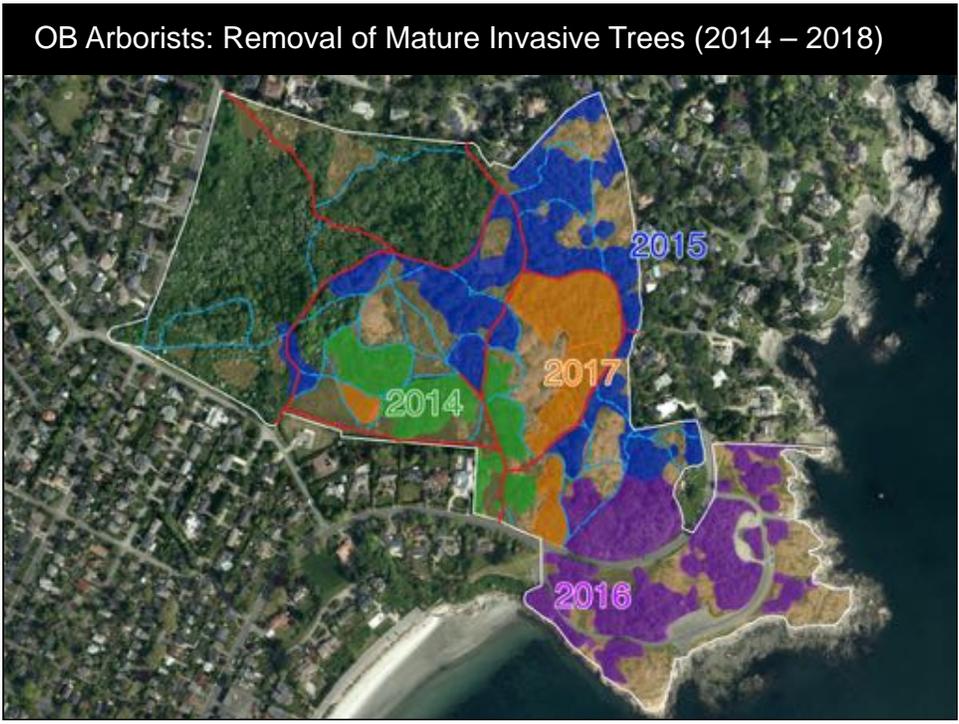
(Oak Bay arborists)

Invasive Trees (partial list)









All Non-native Invasive Trees Removed from 14 ha of Garry Oak Woodlands (2018)



Invasive Woody Shrubs (partial list)



Himalayan Blackberry



Daphne



English Ivy



Common Privet

Keep These Areas Free of Woody Shrubs (Around High Value Meadows)



A few before and after pictures...





HSP Project

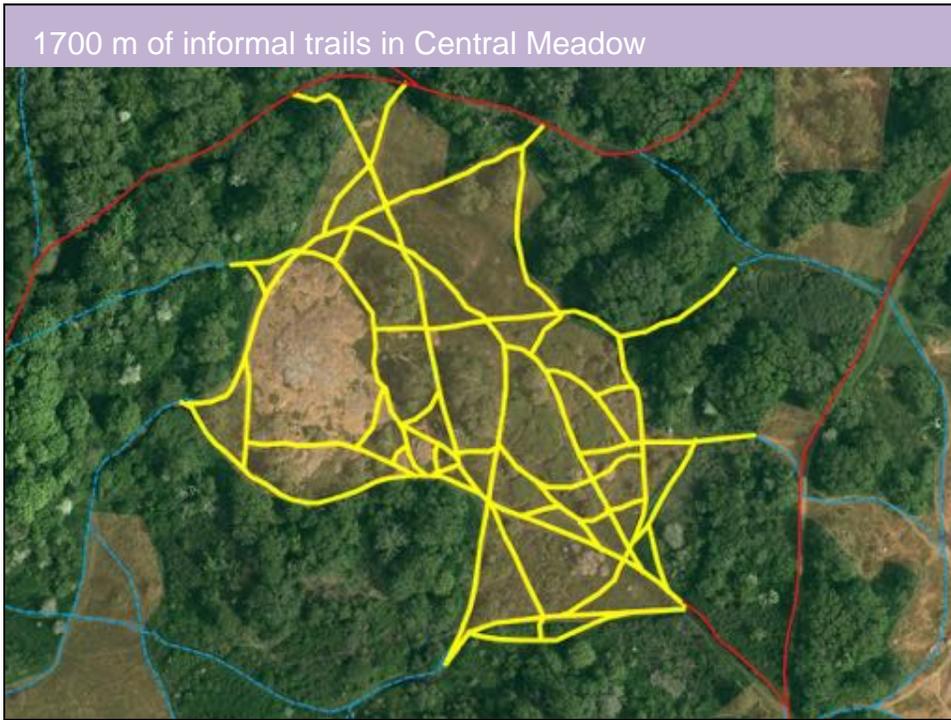
Protecting the Central Meadow

Location of "Central Meadow"



Close-up of Central Meadow (17 rare and endangered plants)



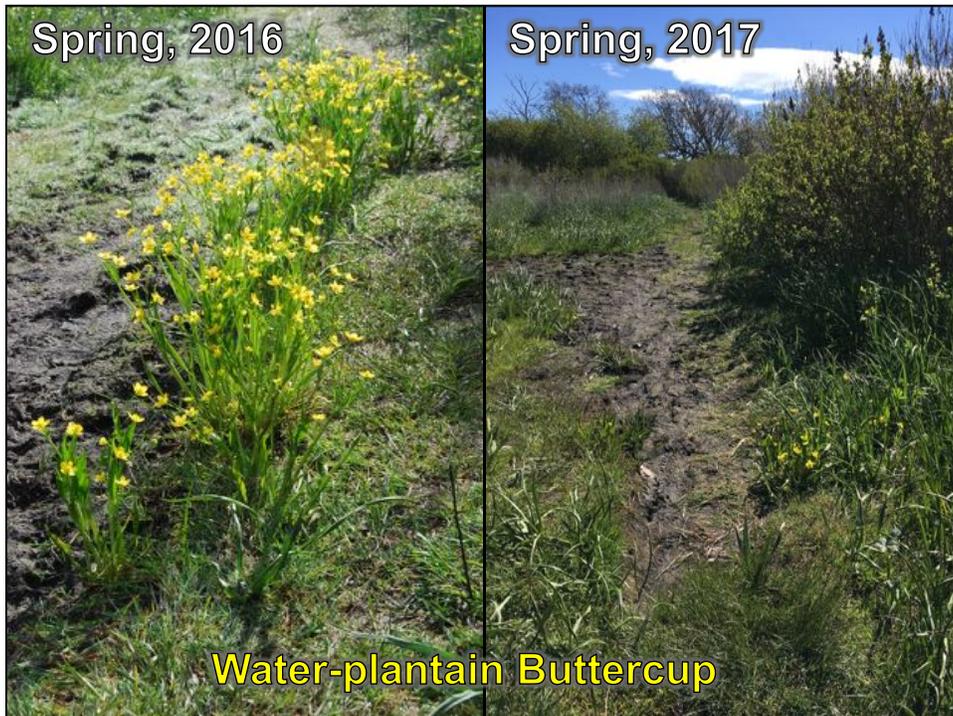




HSP Project

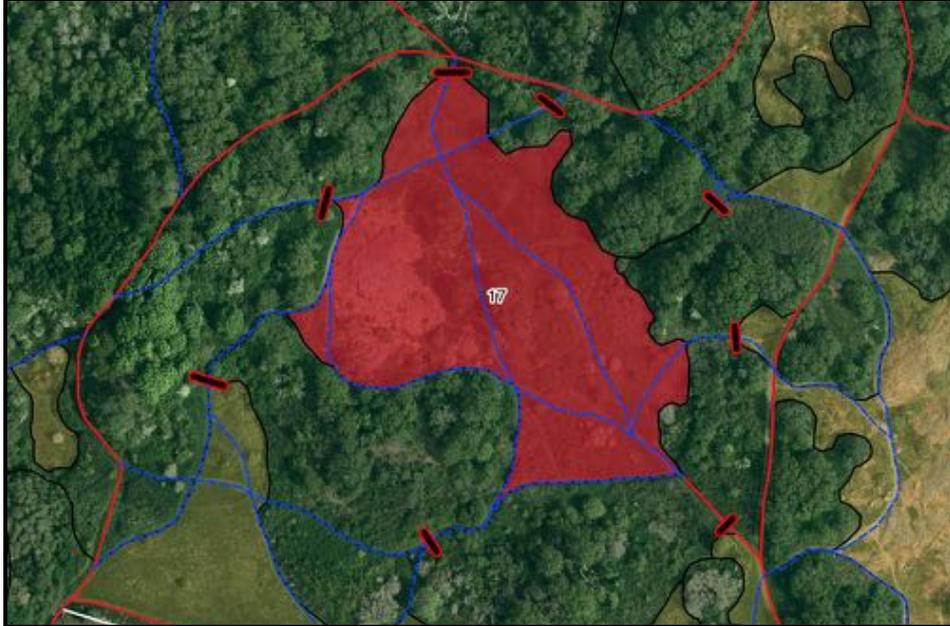
Close off Central Meadow
during wet, winter months







Close off Central Meadow during wet, winter months



HSP Project

**Mitigating damage from
human activities...**



Rare Ecosystem and Species at Risk

More than a spectacular view
 Cattle Point is more than just a wonderful place to visit. It contains a very rare maritime meadow known as Garry Oak scrubland, which in Canada is found only on southern Vancouver Island and the nearby Gulf Islands. Once common in that region, maritime meadows have been reduced to a fraction of their former extent. They are added to the list of exceptional biodiversity and rare species, some of which are found in few other places on Earth.

Cattle Point is home to eight species of rare plants – an unusually high concentration for such a small area. Records show that at least six endangered species have disappeared from Cattle Point since the 1930s, although the total number lost over the last 100 years is certainly much higher.

An ecosystem under strain
 Cattle Point is a smaller piece, visited by hundreds of people a day. That puts a lot of stress on the maritime meadows – foot traffic, pets and other uses are altering a rich woodland plants are most sensitive. During their active growing season from the start of the summer rains until spring, when they put on a beautiful autumn display.

Please help protect this outstanding piece of our natural heritage

- Walk only on established pathways and avoid walking across meadows
- Stay out of clearly marked areas
- Keep dogs under control and pick up after them
- Keep kids out of the meadows

The District of Oak Bay, Friends of Uplands Park and the British Nature Stewardship Program of Environment and Climate Change Canada are working together to help preserve this special place for future generations.

To learn how you can contribute, visit oakbay.ca and search for "Uplands Park".

Un écosystème rare et des espèces en péril

Plus qu'une vue superbe sur la mer
 La grande et rare maritime qui se trouve à Cattle Point est rare au Canada. Elle s'étend de la côte sud-est de l'île de Vancouver en direction du golfe jusqu'à l'île de Garry. Il se trouve également dans une région de l'ouest de la Colombie-Britannique. Ce milieu naturel est exceptionnellement riche en biodiversité et en espèces rares. Certaines d'entre elles ne sont trouvées qu'à Cattle Point.

Cattle Point est le foyer de huit espèces de plantes rares – une concentration exceptionnellement élevée pour une petite parcelle. Depuis les années 1930, au moins six espèces en voie de disparition ont effectivement disparu de cet endroit et sans doute plus depuis ce jour.

Un écosystème sous pression
 Chaque jour des centaines de personnes viennent se promener à Cattle Point, souvent avec leurs chiens. Ceci exerce un stress important sur le milieu naturel. Ce qui est le plus sensible est particulièrement vulnérable pendant la saison des pluies, de l'été jusqu'au printemps, quand les plantes poussent et fleurissent.

Aidez-nous à protéger ce milieu naturel exceptionnel

- Marchez sur des sentiers et évitez de piétiner la végétation
- Gardez votre chien en laisse
- Ne laissez pas votre chien courir librement et déverser dans les meadows
- Gardez vos enfants à l'écart

Ceci est un projet conjoint de la municipalité d'Oak Bay et des Friends of Uplands Park, avec l'aide financière du Programme d'entraide de l'habitat pour les espèces en péril et l'Environnement et Changement climatique Canada. Il a pour but de protéger cette patrimoine naturel pour les générations futures.

Pour plus de renseignements, visitez oakbay.ca et recherchez "Uplands Park".



Oak Bay Parks, Recreation & Culture **Canada** **Environment and Climate Change Canada**



Many thanks to...

- Margaret Lidkea, Co-founder & Chair, FOUP
- Chris Hyde-Lay, Manager, OB Parks
- OB Parks Staff—Chris Paul, Iain and Louis
- Matt Fairbarns
- Kristen & James Miskelly, SNP
- Elicia, Ethan, Guy, Jeremy, Julio, Liz, Marian, Mitch, Tom
- Kathleen Matthews, Co-founder, FOUP
- FOUP and the many 100s of volunteers

