

Régénération des cours d'eau inspiré des castors









Saumon Coho
Esturgeon
Truite arc en ciel
Lamproie









BEAVER RESTORATION IN DOTY RAVINE

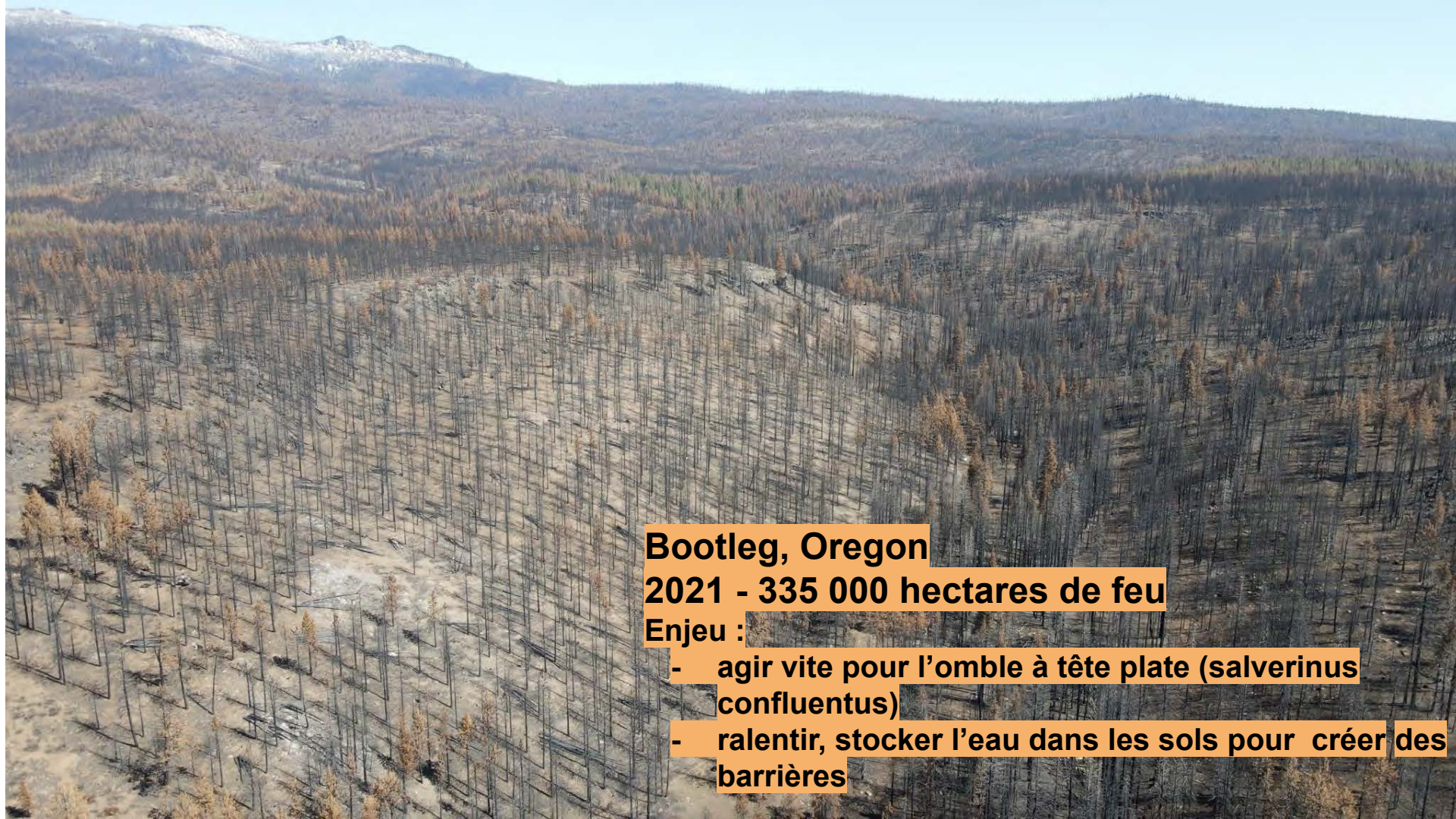












Bootleg, Oregon

2021 - 335 000 hectares de feu

Enjeu :

- **agir vite pour l'omble à tête plate (*salverinus confluentus*)**
- **ralentir, stocker l'eau dans les sols pour créer des barrières**











This structure is my favorite. You can see a crew member for scale, and the stump in the upper left, and below is all the fresh new sediment we caught, taken from slightly farther away..

October 15, 2021



November 1, 2021





Appuie sur ancre naturelle









Enjeu: Prolonger la présence de l'eau pour aider les têtards de la grenouille à pattes rouges (*Rana cascadea*)





A woman with blonde hair, wearing a grey baseball cap with a logo, a dark green puffer jacket, and brown waders, is kneeling in a grassy field next to a small pond. She is holding small objects in her gloved hands. In the background, there are tall evergreen trees and a person in a red jacket sitting on the ground. A shovel and some orange markers are also visible on the ground near the pond.

Le biologiste nous a dit que c'était la première fois qu'il en voyait sur cette partie de la prairie

Materials



With Symbiotic Restauration
and STRAW (students and
teachers restoring a watershed)



Material

Willow

Soil Grass clumps



Materials

Incurve damaged banks

Plant willows

Cover



The next day





REFERENCES

qui nous rappelle la présence du castor

Kastor vient du grec
bebras → gaulois
beber → latin



Brive? de briva ~ pièce de bois permettant de traverser un marais ... comme un barrage de castor?
Brion? Brionne? Brionnais? ↳ Bridor (m. anglais) de bivre?









“The beaver isn’t just an animal:
it’s an ecosystem.”

FORM - BASED RESTORATION



PROCESS - BASED RESTORATION







0:30 / 1:51









CBS MORNINGS EARTH 365

Scientists use beavers to create drought and fire-resistant landscapes

Jonathan Vigliotti sets out to see firsthand how scientists in California and Utah are using beavers to help create landscapes resistant to drought and fires.



ANIMALS | NEWS

How beavers became North America's best firefighter

The rodent creates fireproof refuges for many species, suggesting wildlife managers should protect beaver habitat as the U.S. West burns.

San Francisco Chronicle

CLIMATE

Why this underappreciated rodent is one of California's best chances to fight climate change

Emma Talley

Sep. 6, 2022 | Updated: Sep. 13, 2022 7:42 p.m.



Why California's beavers can help the state fight climate change. Environmental scientist Emily Farber points to signs of recent beaver activity in the form of dams in the willows adjacent to landscape scarred by the Delta fire just north of Frenchman Lake near Chico (Plumas County). (David Johnston/Stanford The Chronicle)

The New York Times

It Was War. Then, a Rancher's Truce With Some Pesky Beavers Paid Off.

The 'highly skilled environmental engineers' can help to store precious water and rejuvenate land ravaged by climate change. Just don't dynamite their homes.



Los Angeles Times

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California says the beaver can be superhero in fighting climate change



State wildlife officials are launching a restoration program focused on the North American beaver, believing its dams can increase water storage and create natural firebreaks. (Noah Berger / Associated Press)

BY NATHAN SOULIS | STATE WRITER

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