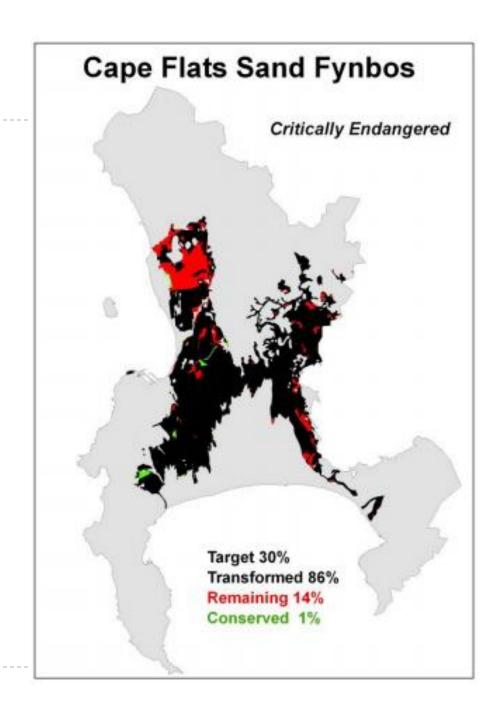


- Wholly confined to Cape Town
- National conservation target: 30%

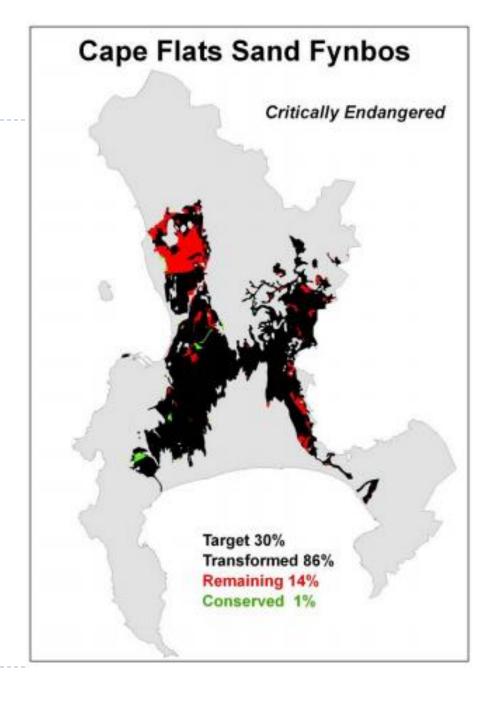
BUT!

 The most threatened veg type in Cape Town-Critically Endangered





- Only II % left
- Mostly degraded by alien invasive trees
- CALL FOR RESTORATION





Tokai Park

- Pine Plantation for over 100 years.
- Accidental burn in 1998 which resulted in remarkable
 Fynbos recovery
- Saw that we can do passive recovery





Tokai Park

- SANParks and MTO agreement to harvest pines by 2025
- ▶ Since the harvesting Core Conservation site for CFSF
- ▶ 440 plants occur within Lower Tokai Park



Tokai Park

▶ 22 plant species threatened with extinction





What is the procedure of restoration after Pine felling?

How would various management strategies affect the recovery of CFSF? Particularly with regards to the species compositions of communities and species richness/diversity



Management strategies:

- Length of the longest cycle
- Fire intensity/temp
- Veld age
- Pine rotations





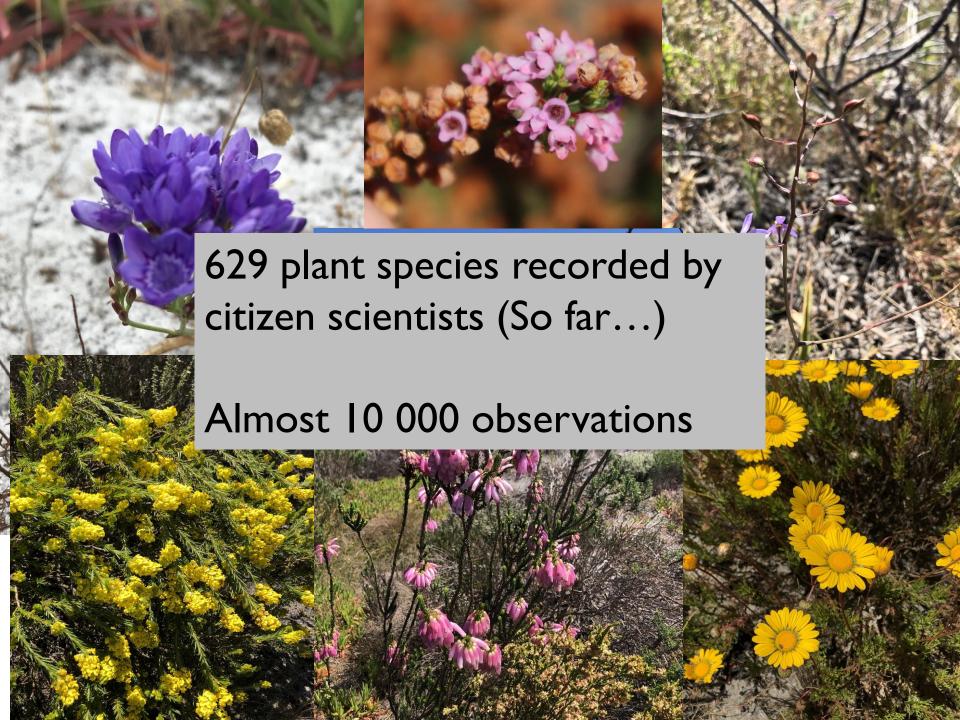
Two step process

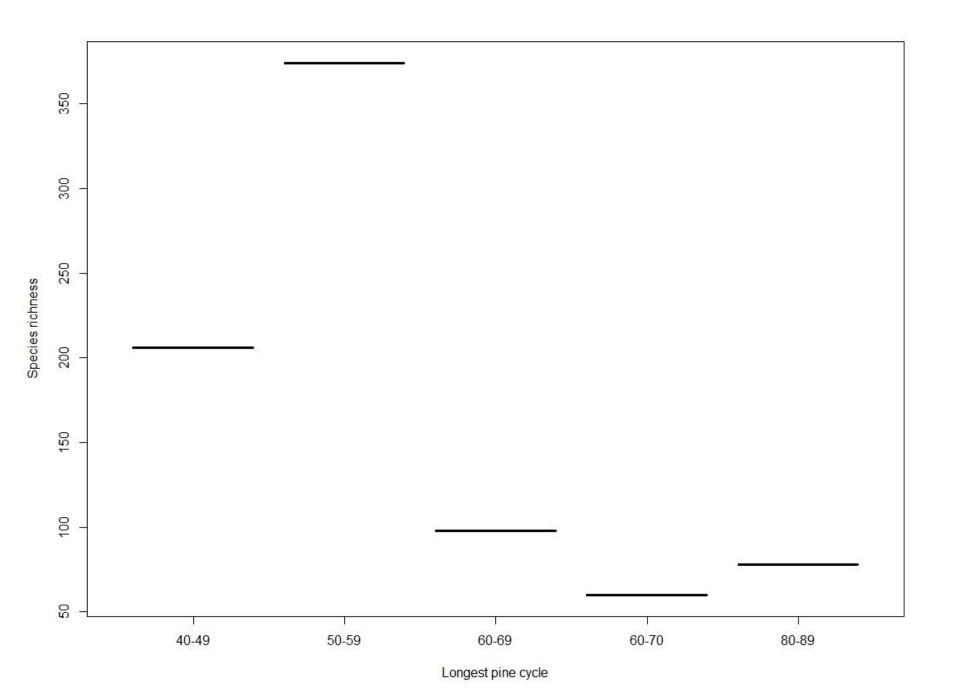


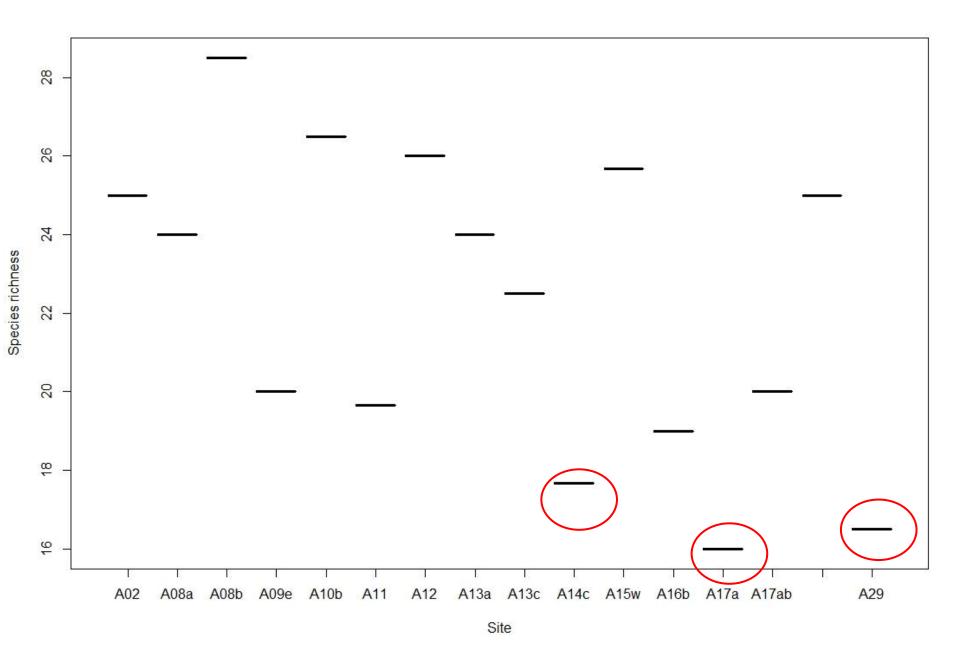


















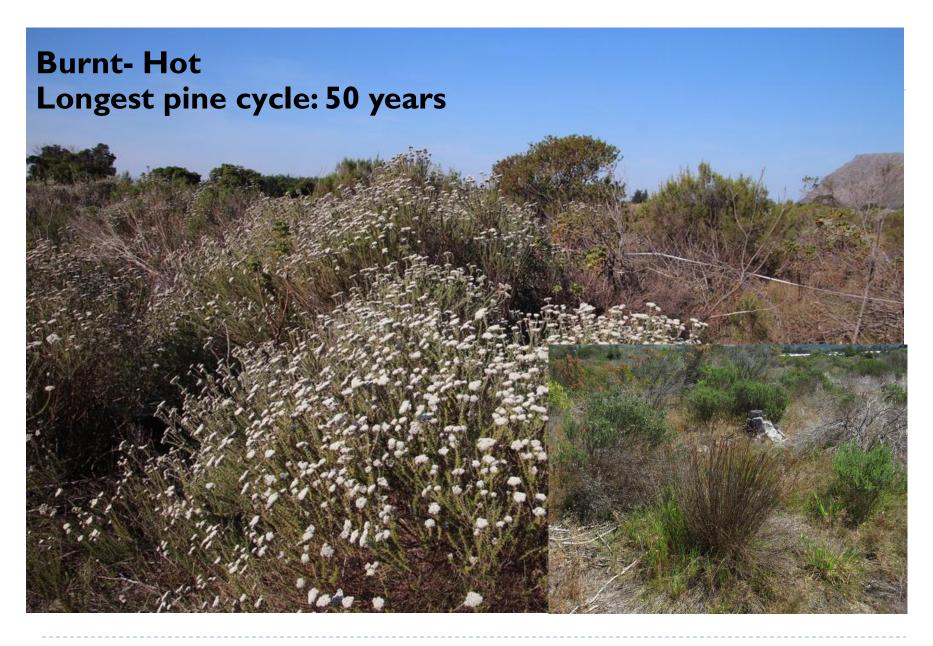
Unburnt

Longest pine cycle: 60 years



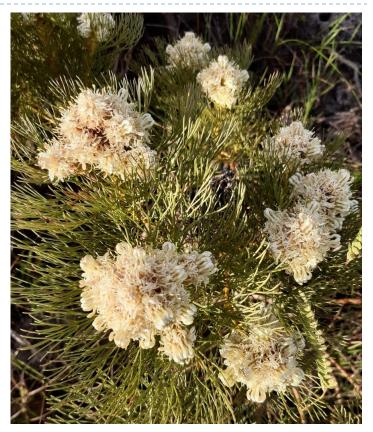
Burnt- Hot Longest pine cycle: 50 years



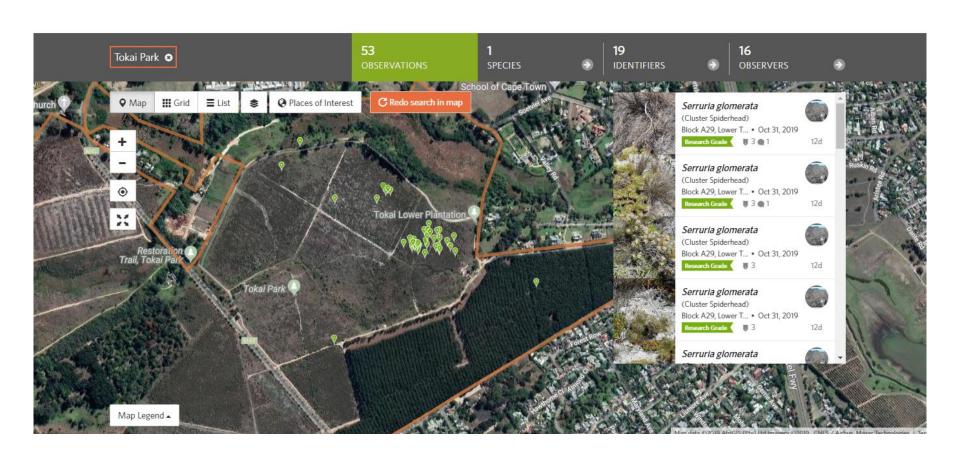
















Plantings





Conclusively...

- Hot fires are necessary for the restoration of indigenous species – structural elements of Fynbos
- Annual weeds/grasses cover reduced with hot fires
- Shorter cycles recommended.
- Veld Age? Alien clearing? Herbicide use between Pine cycles?
- A lot of work still to be done: analyse the Spring surveys



What can you do to support the restoration project

Join the alien tree plant removal team
 Meet some Saturdays (Upper Tokai)
 Every second Tuesday (Lower Tokai)

Check the FoTP Facebook page or sign up to be put on the mailing list



What can you do to support the restoration project

- Join the alien tree plant removal team
 Meet Saturdays (Upper Tokai)
 Every second Tuesday (Lower Tokai)
- Report anything that might be hazardous to the restoration of natural veld
- Only walk on designated pathways



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- Only walk on designated pathways
- Learn! Join iNat www.iNaturalist.org



City Nature Challenge

Cities around the world will be competing to see who can make the most observations of nature, find the most species, and engage the most people in the 2020 City Nature Challenge.





Thousands of people from across the globe will get outside to look for nature in their cities!

The 2020 City Nature Challenge takes place in 2 parts

April 24 – 27

Taking pictures of wild plants and animals. April 28 – May 3

Identifying what was found





