

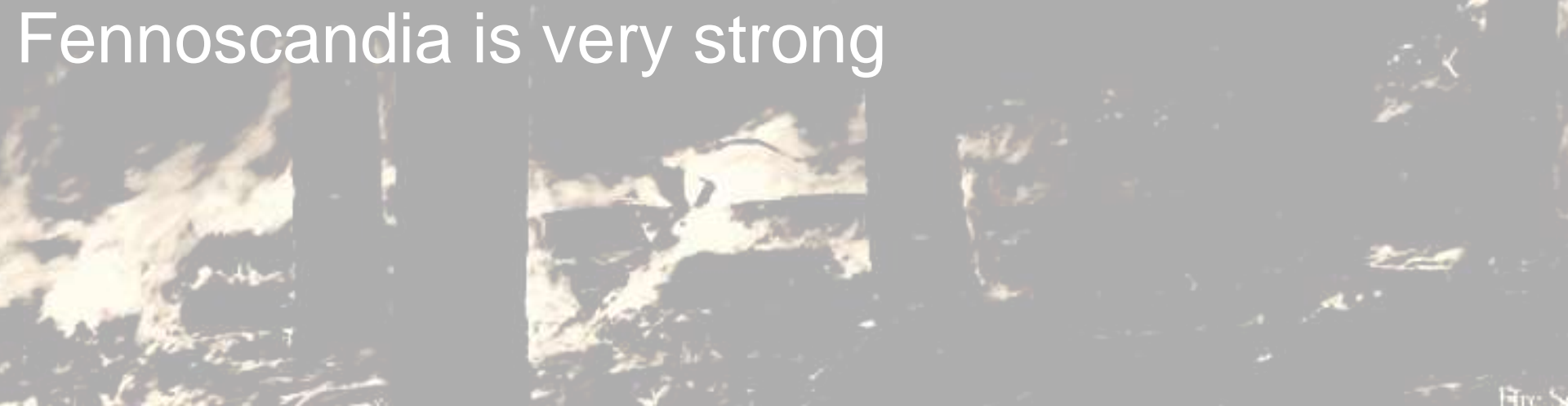
WOOD FUNGI AND FOREST FIRE

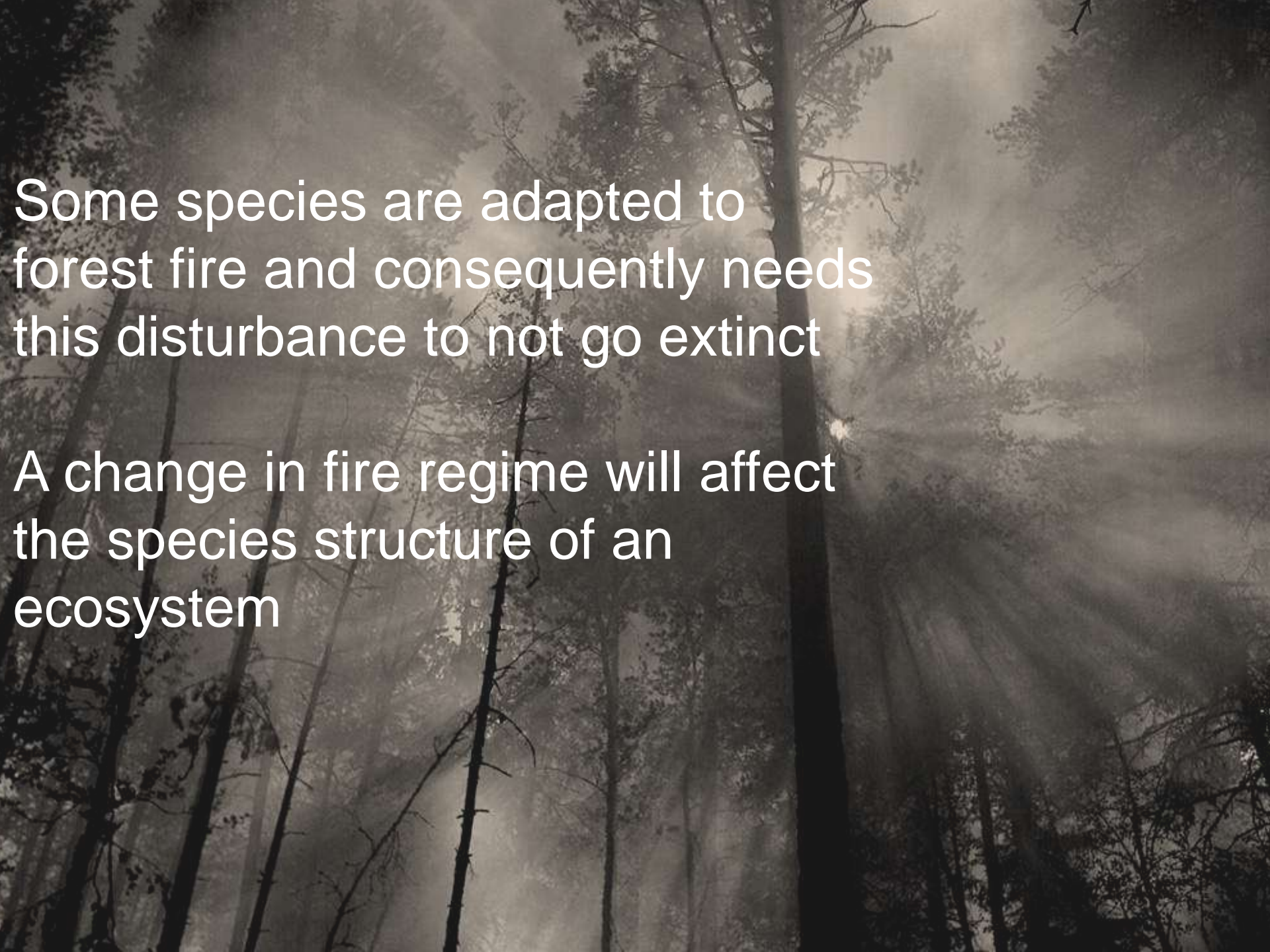
The background of the image is a dark, high-contrast photograph of a forest floor or a close-up of tree bark. It features a complex, organic texture with various shades of black, dark grey, and muted brown. The lighting is dramatic, creating deep shadows and highlighting the rough, uneven surfaces of the wood or forest debris. The overall mood is somber and naturalistic, fitting the theme of the text.

FOREST FIRE

Has been the major stand/replacing modifying disturbance in boreal forests, since re-forestation after the glacial period

Today forest fire suppression in Fennoscandia is very strong



A low-angle photograph of a forest with tall, thin trees and sunlight filtering through the canopy. The image has a dark, moody atmosphere with a warm, golden light source creating rays of light (crepuscular rays) that fan out across the scene. The trees are mostly bare, suggesting a late autumn or winter setting. The text is overlaid in a clean, white, sans-serif font.

Some species are adapted to
forest fire and consequently needs
this disturbance to not go extinct

A change in fire regime will affect
the species structure of an
ecosystem

AFTER THE FIRE

RE-COLONIZATION?

A CHANGE IN
ECOSYSTEM
PROPERTIES

NEW SPECIES
EMERGE



WOOD FUNGI



WOOD FUNGI

WOOD FUNGI GET THEIR RESOURCES
BY DECAYING WOOD

THE ENGINEERS OF DEAD WOOD

VERY IMPORTANT FOR THE FUNCTION
OF ECOSYSTEMS

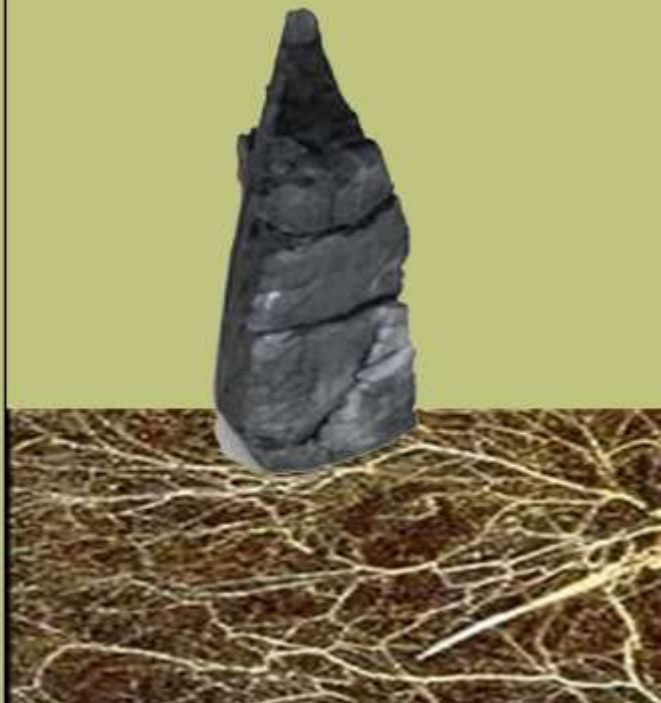
1.



2.

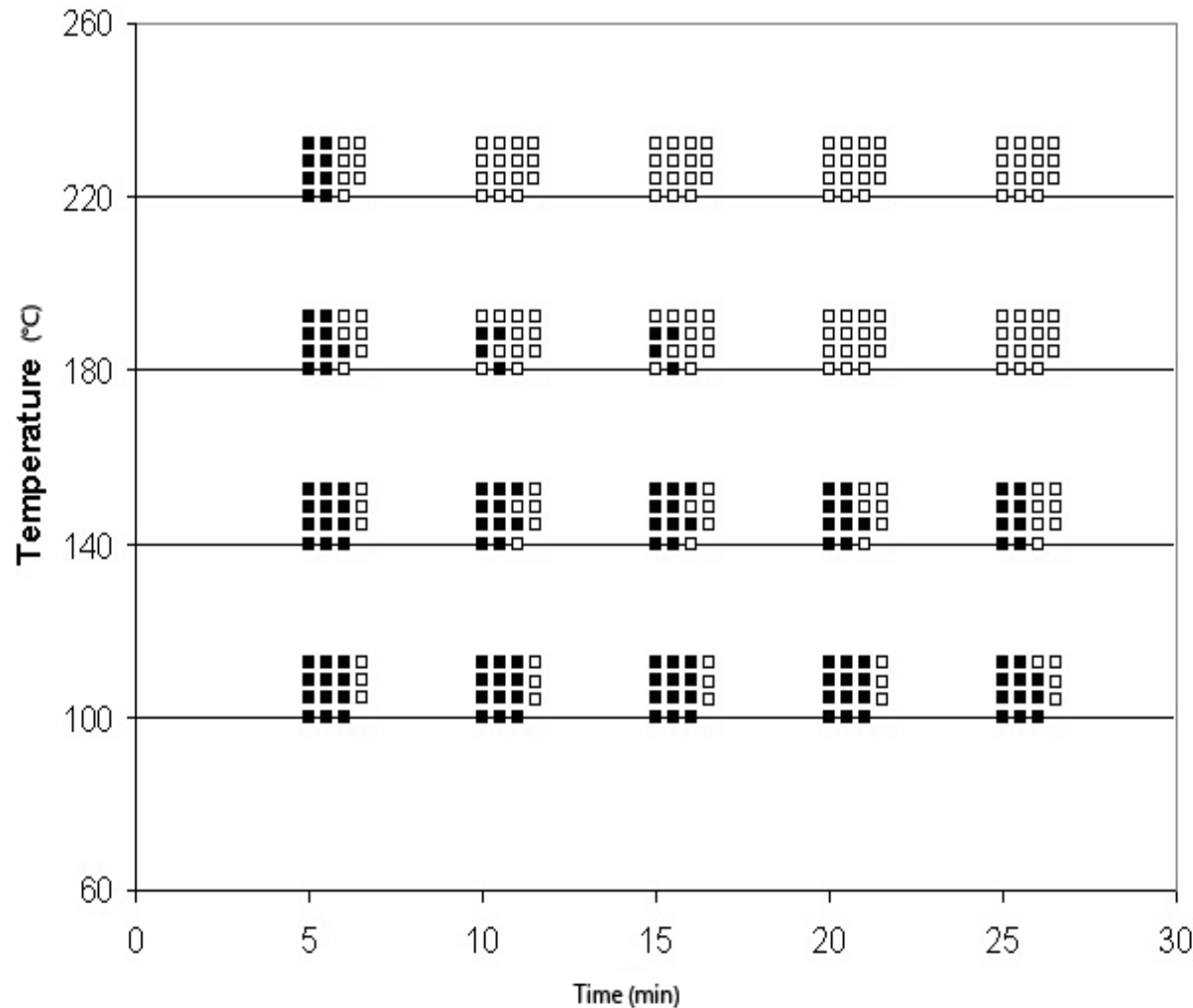


3.



SURVIVAL

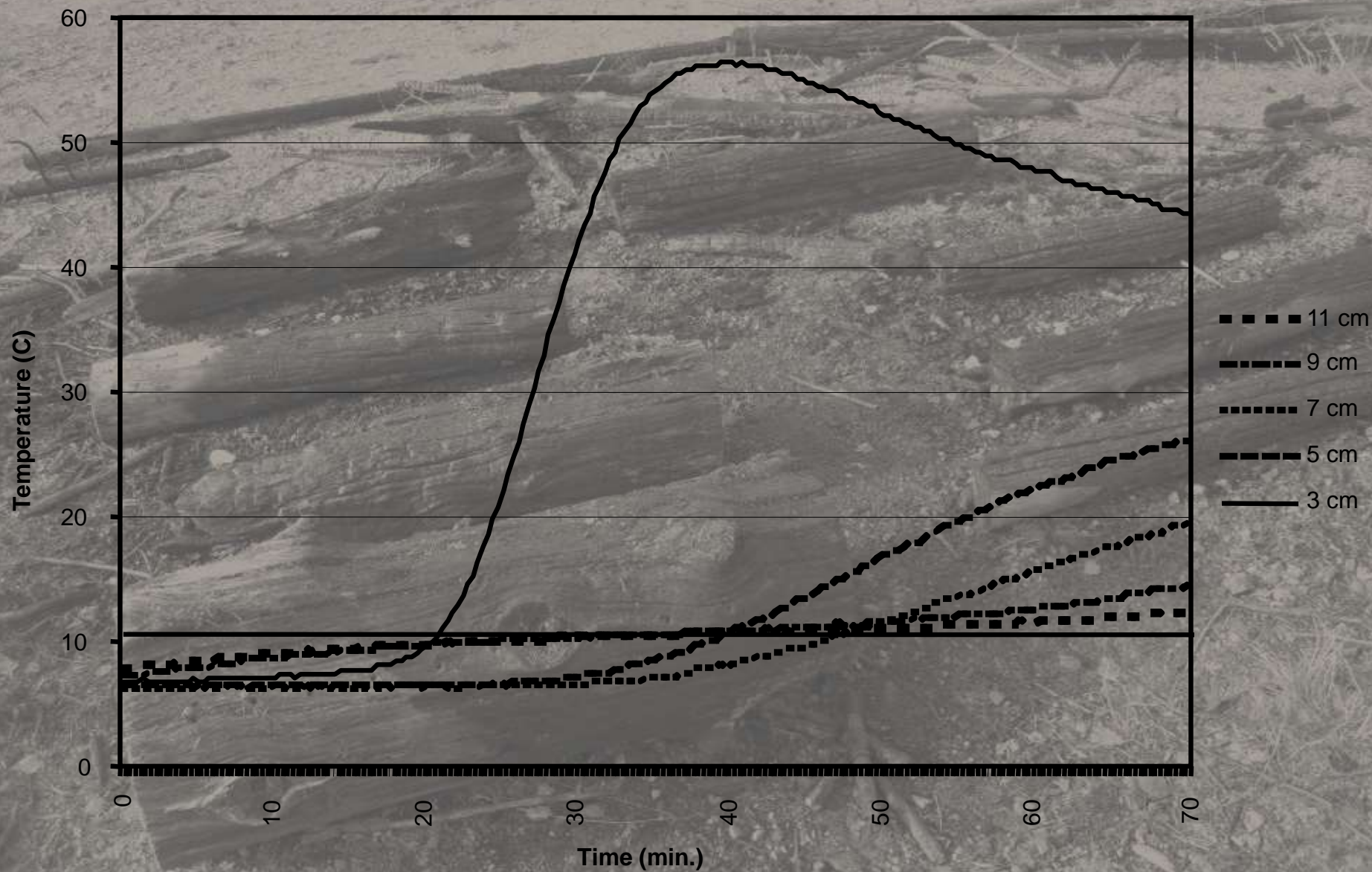
Heat resistance



1	5	9	13
2	6	10	14
3	7	11	15
4	8	12	

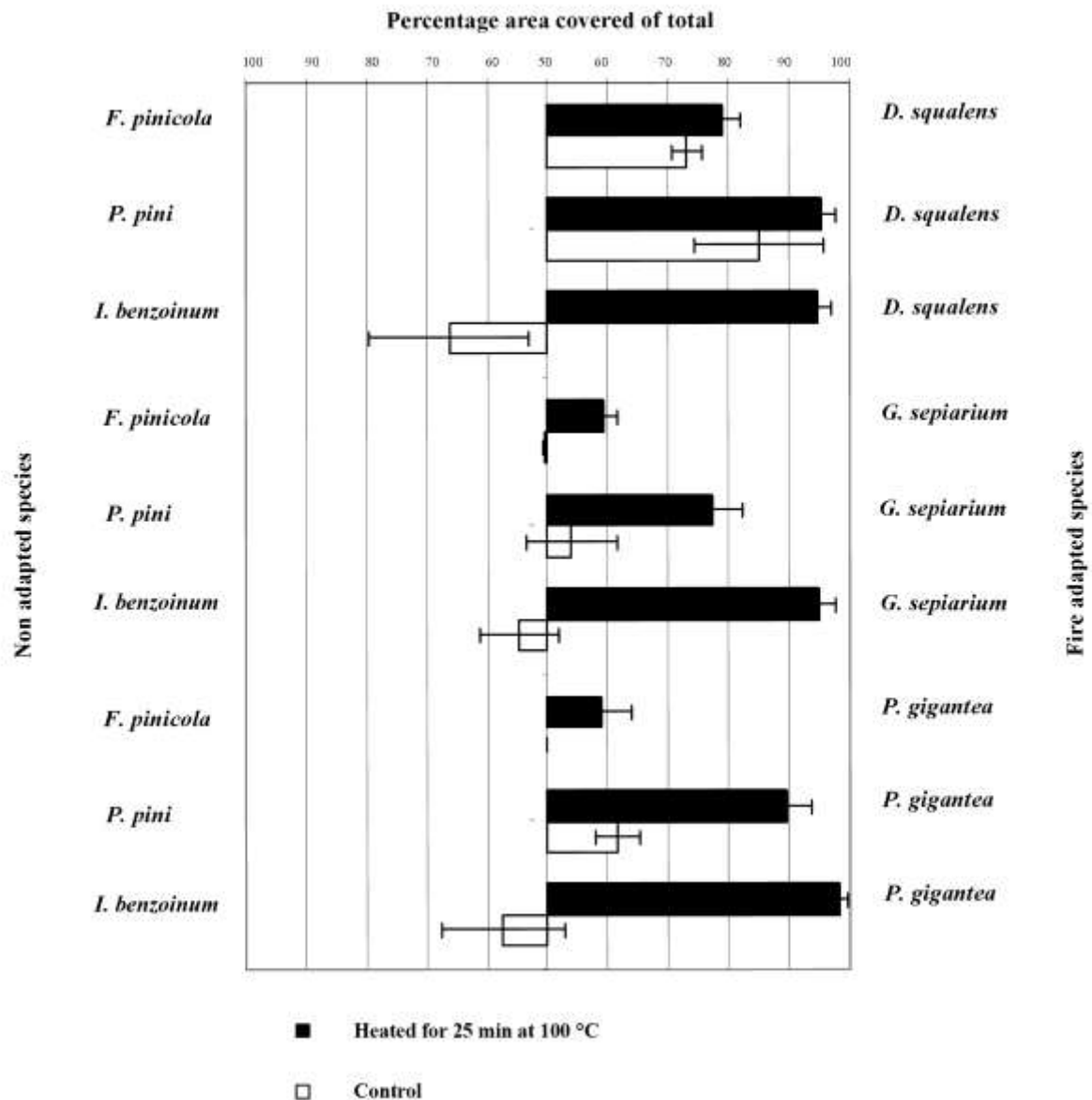
- 1.(A) *G. protractum*
- 2.(A) *P. gigantea*
- 3.(A) *D. squalens*
- 4.(A) *A. sinuosa*
- 5.(A) *J. luteoalba*
- 6.(A) *A. infirma*,
- 7.(A) *O. sericeomollis*
- 8.(A) *G. sepiarium*
- 9.(N) *S. amorpha*
- 10.(N) *I. benzoinum*
- 11.(N) *F. pinicola*
- 12.(N) *P. pini*
- 13.(N) *A. serialis*
- 14.(N) *P. ferrugineofuscus*
- 15.(N) *P. centrifuga*





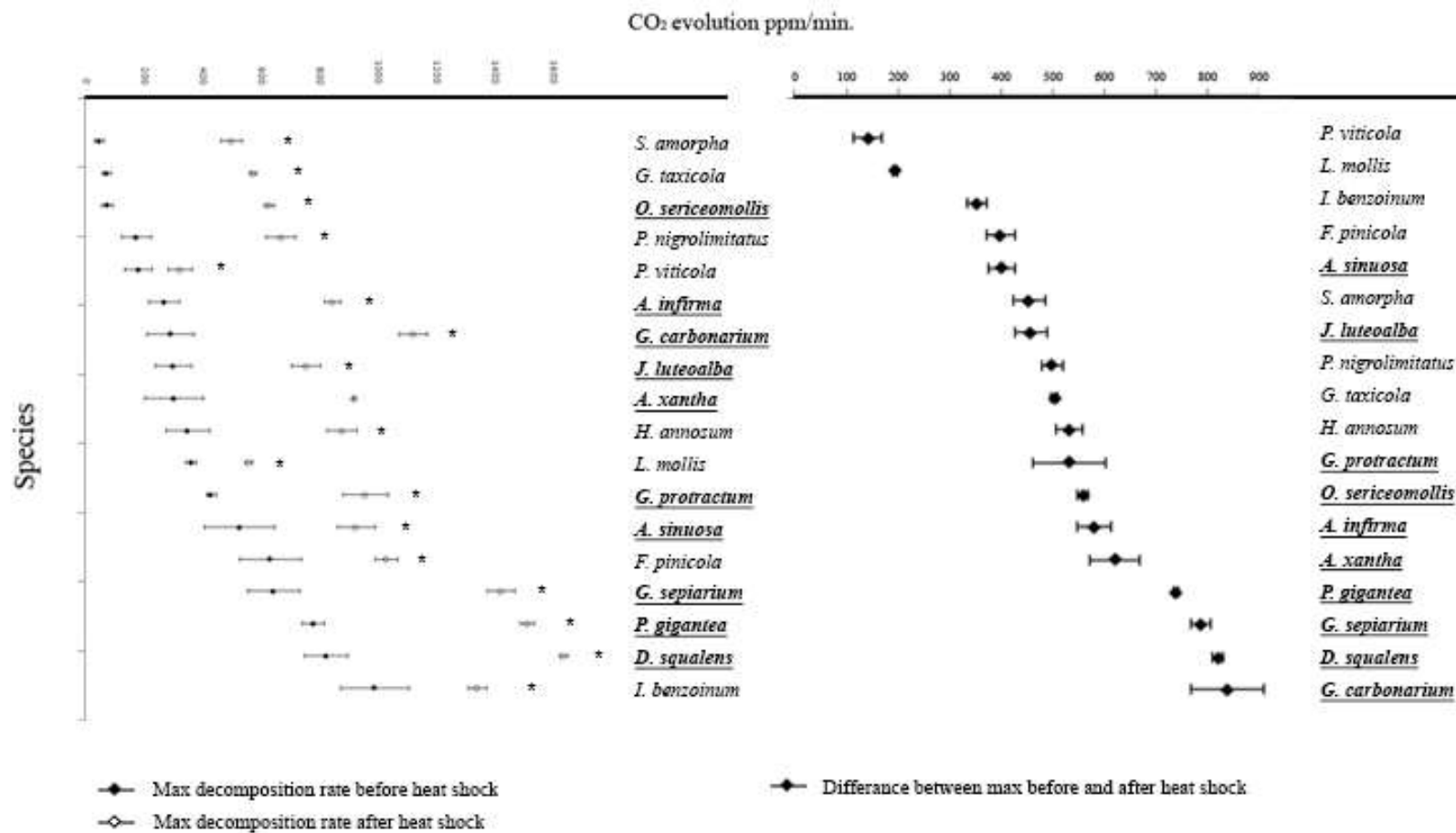
Competition

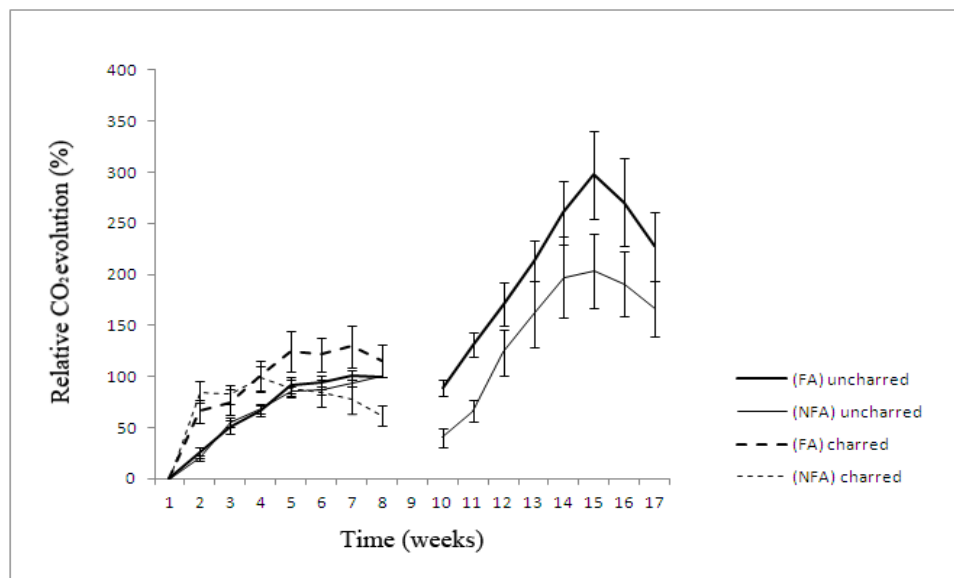




Decomposition

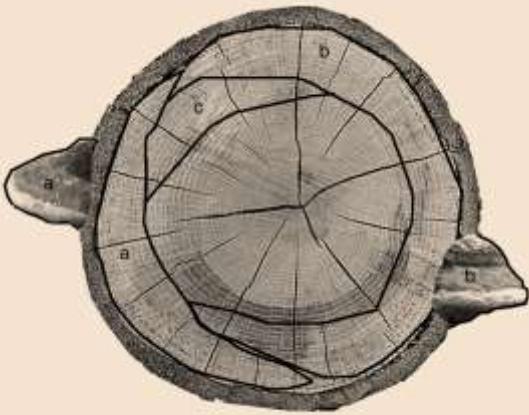






COMPETITION

fir



CONCLUSIONS

The fire-associated species has increased competitive strength after heat stress.

Even though the temperatures are not lethal to the non fire-associated the event causes their antagonists to gain the upper hand.

This could be the reason why some species are more common after a forest fire.

The fire associated species used in the presented study **WILL BE** favoured by a forest fire.