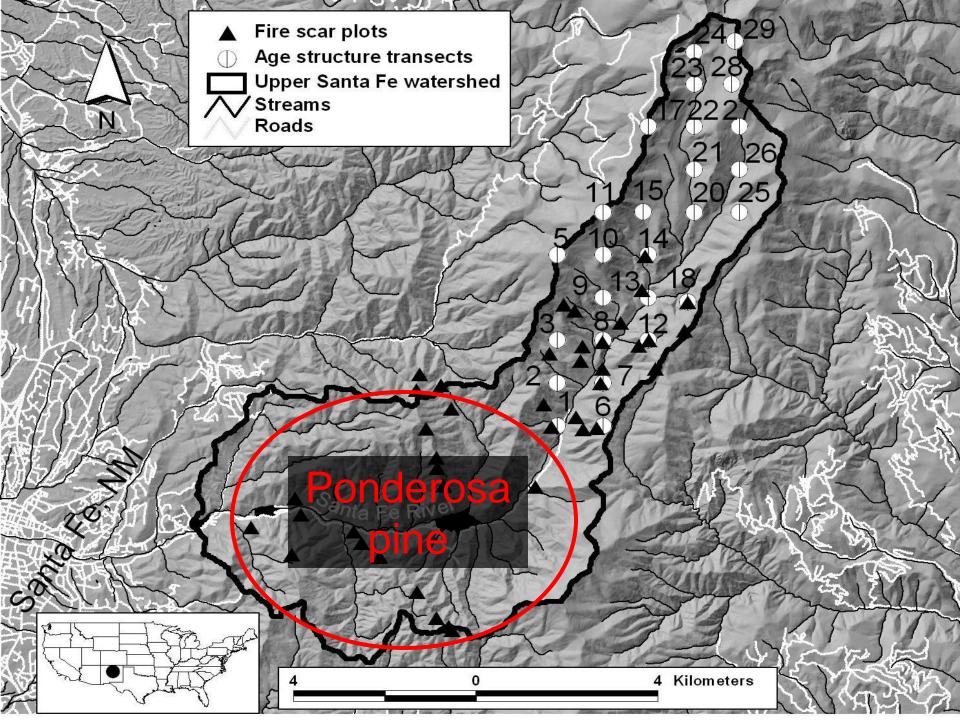
A 700-yr history of fire: Santa Fe watershed



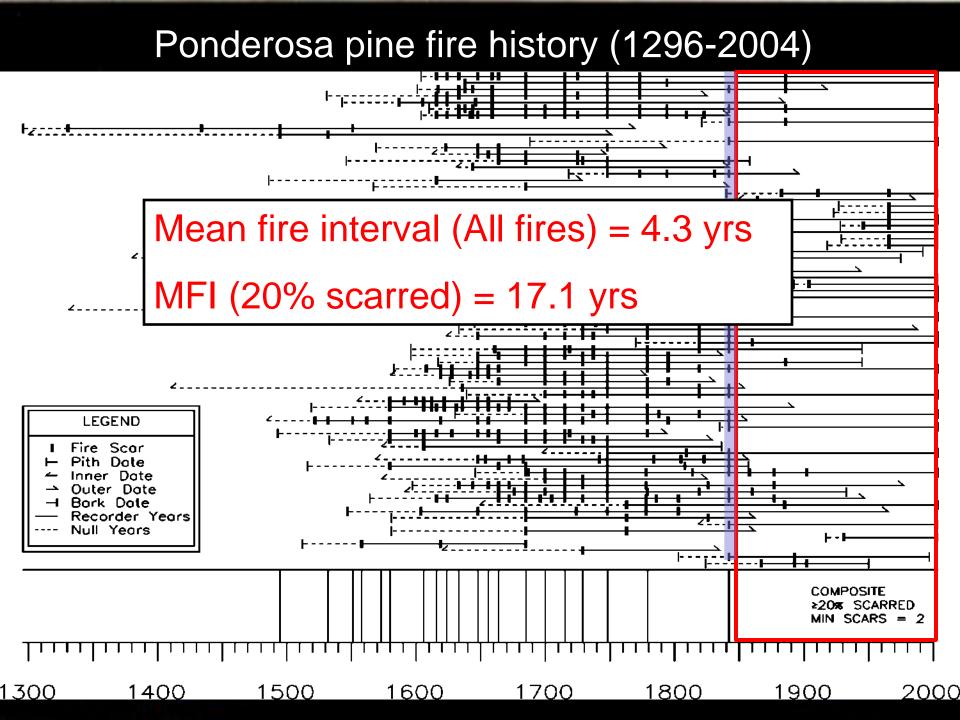
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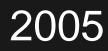
Fire scar sampling

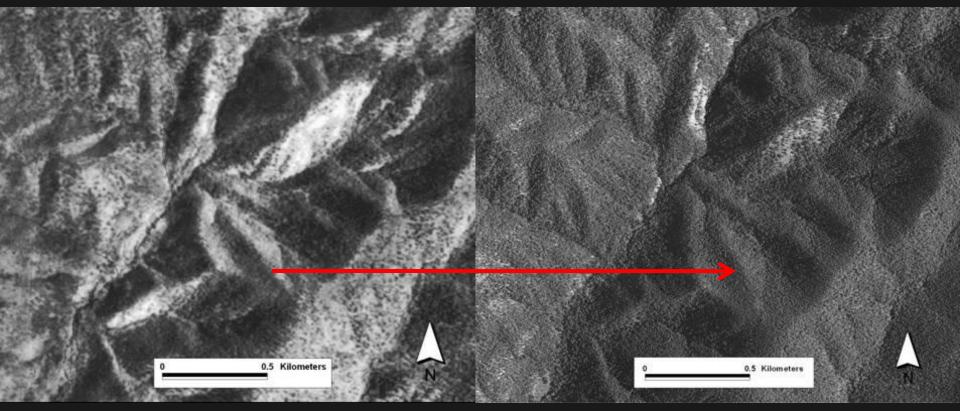




Increased forest density after fire suppression

1935







Conclusions

- Low severity fire burned frequently in the Ponderosa pine forest of the Santa Fe watershed since at least the early 1300's.
- Late 19th century land use changes and 20th century fire suppression excluded fire for the last 160 yrs, increasing both forest density and the risk of a catastrophic crown fire.
- This fire history validates the assumptions on which the restoration treatments were based

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