

What is now is not how it was





**Fire
Suppression**

**What about in
the past?**

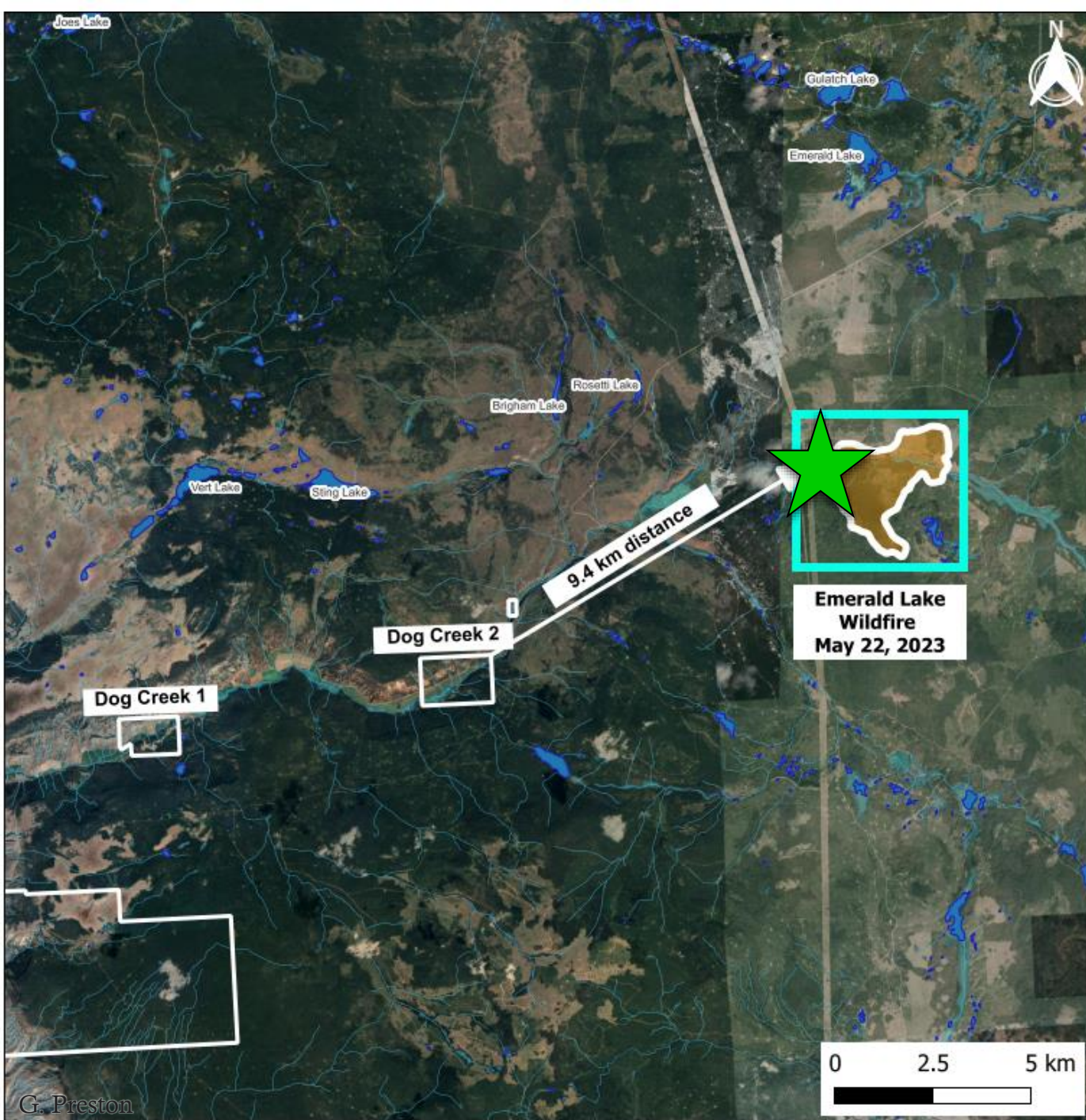
**Climate
Change**

Wildfire posted May 22, 2023 @ 01:26pm by [Cheyanna Lorraine](#)

Emerald Lake wildfire joins 15 other fires burning in BC's Cariboo region

Wildfire activity seems to be heating up in the Cariboo Fire Centre, which currently has the second largest number of fires out of BC's fire centers.





Reported: May 18
Declared out: June 15
Visited: June 25 & Aug 3

Date & Time: Thu, Jul 14, 2022, 07:57:32 PDT

Position: +051.635927° / -121.951929° (±10.0m)

Altitude: 1037m (±19.0m)

Datum: WGS-84

Azimuth/Bearing: 360° N00W 6400mils True (±15°)

Elevation Angle: -00.1°

Horizon Angle: +00.6°

Zoom: 1.0X

S11-N

UBC Stefanuk SXFN 2022



Date & Time: Thu, Jul 14, 2022, 07:37:32 PDT
Position: +051.635927° / -121.951929° (±10.0m)
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S11-N
UBC Stefanuk SXFN 2022



Date & Time: Sun, Jun 25, 2023 at 12:00:28 PDT

Position: +051.635894° / -121.951931° (±5.0m)

Altitude: 1025m (±6.0m)

Datum: WGS-84

Azimuth/Bearing: 001° N01E 0018mils True (±58°)

Elevation Grade: -001%

Horizon Grade: +000%

Zoom: 1.0X

S11-North

Stefanuk 2023 SXFN



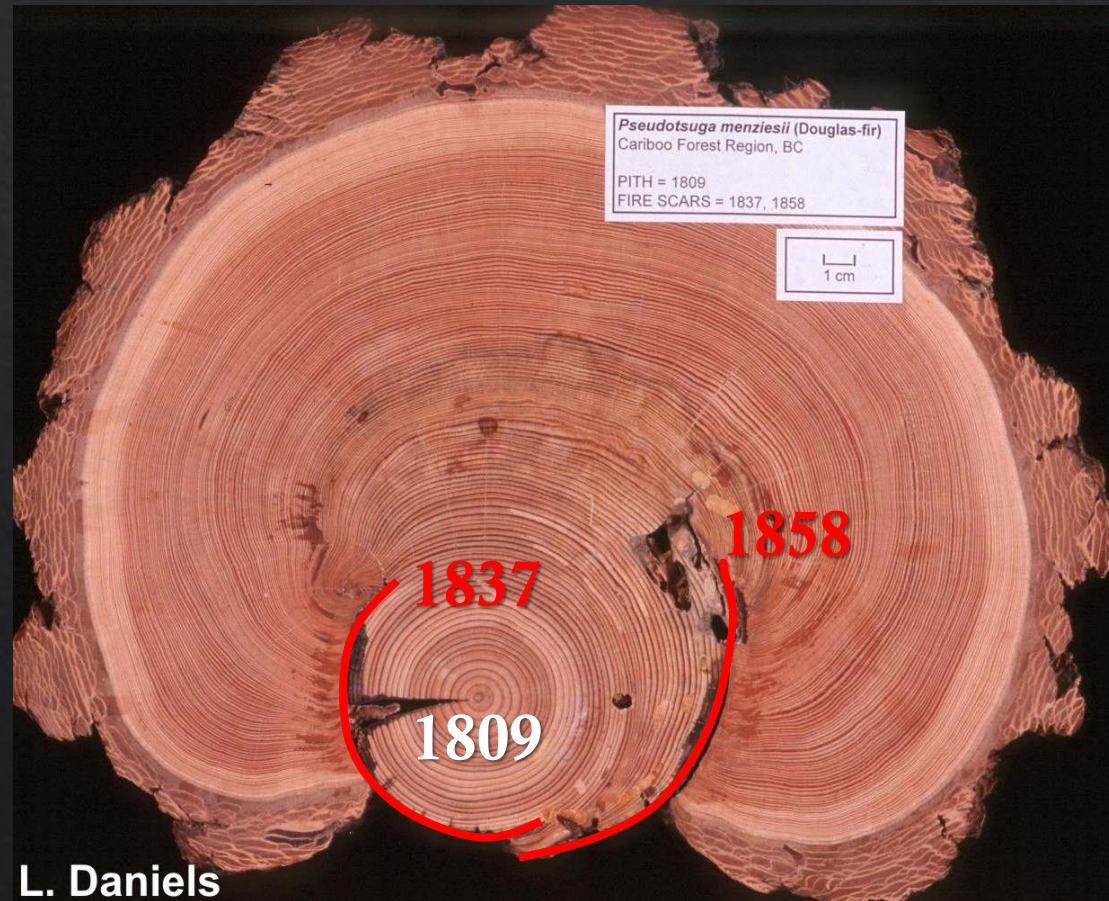
How do trees record fire?



Reading fire scars



Photo: L. Daniels



L. Daniels

1877

1922

1944

Sc064 - Douglas Fir
146 years - 2 fires



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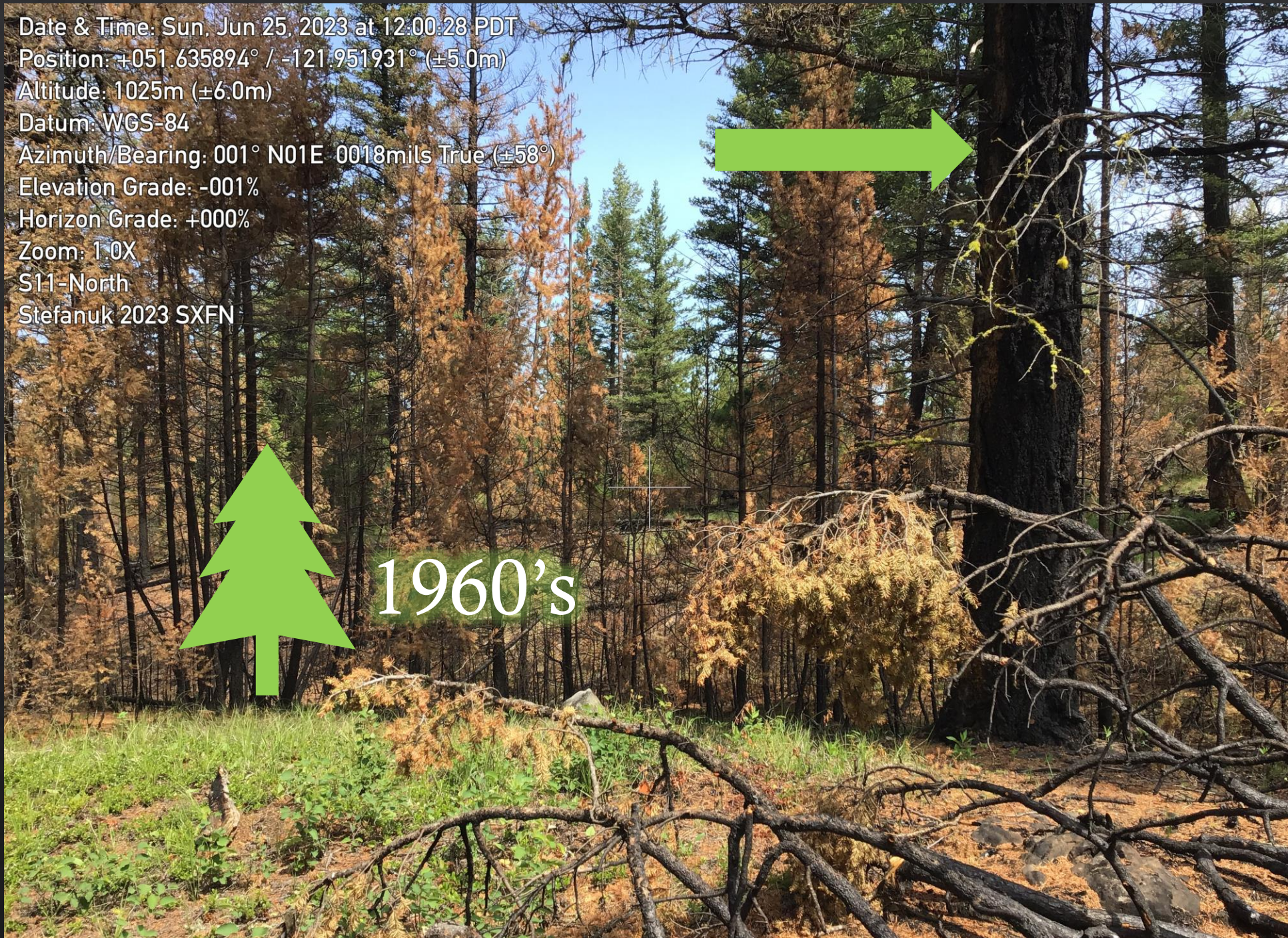
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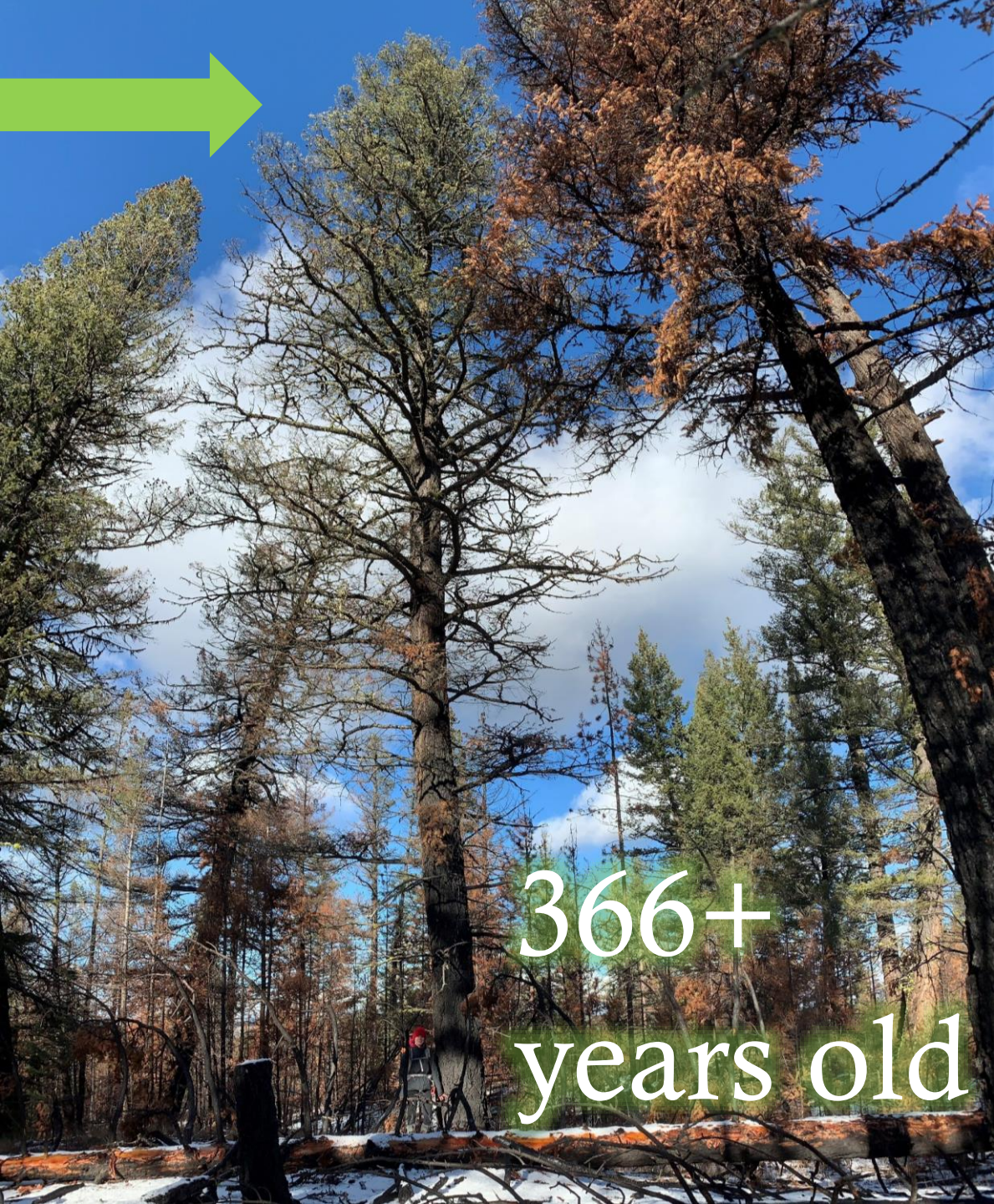
S11-North

Stefanuk 2023 SXFN

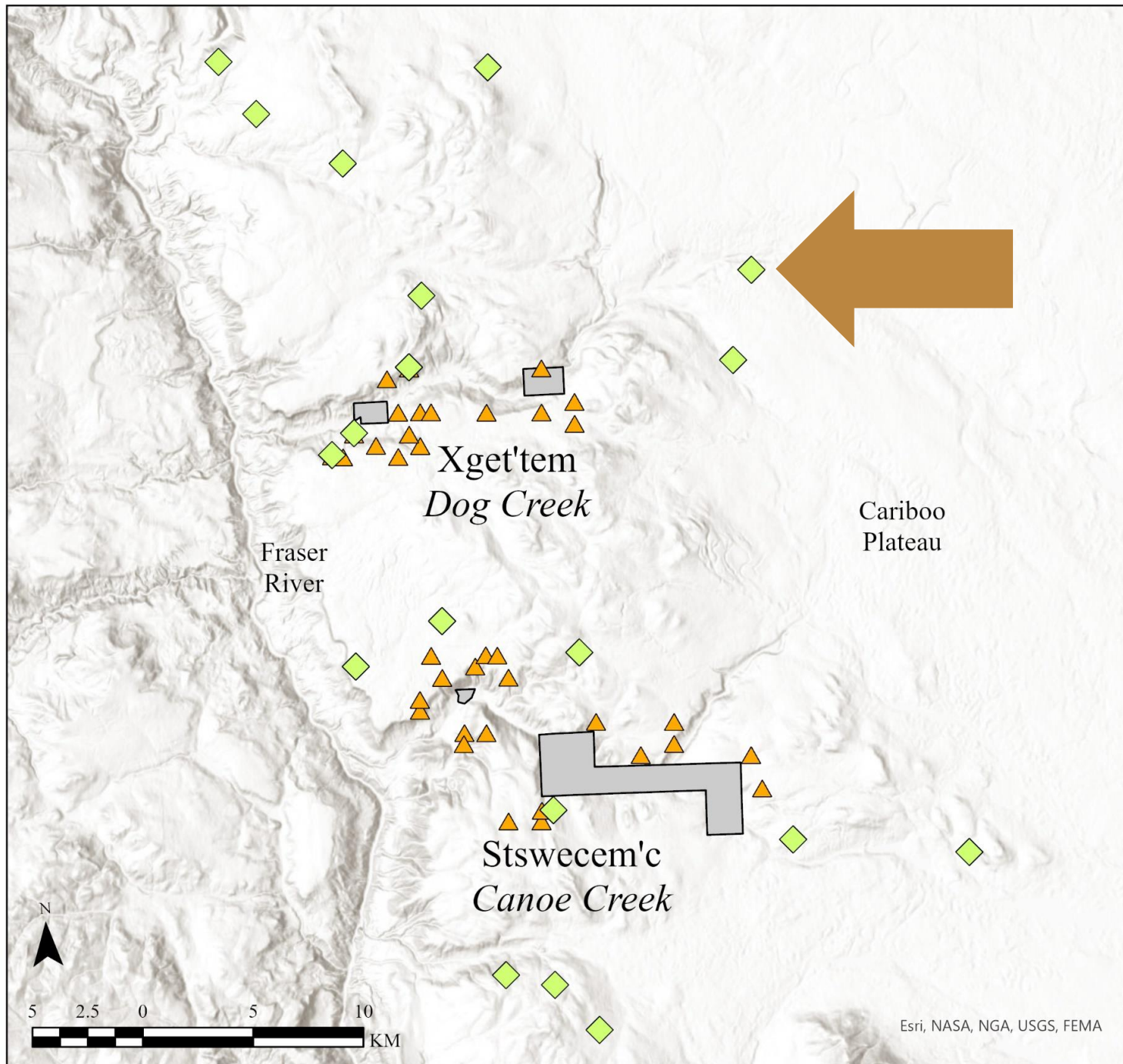


1960's





366+
years old





J. Garsson

SXFN Knowledge and Science



Thank you - Kukwstsétsemc

I would love to hear from you!

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