Land stewardship in these changing times: Hard work, a sense of humor and a dash of humility go a long way towards peace of mind.

Michael Gillogly, Preserve Manager
Dwight Center for Conservation Science at Pepperwood
Pepperwood Preserve sits within the traditional homeland of the Wappo people.
We respect and honor past, present and future generations of Wappo and their continued connection to this land.
We are grateful for the opportunity to gather in this beautiful place and give our respect for its first inhabitants.
Dwight Center for Conservation Science

3,200 acre preserve
home to over 900 species of plants and animals
Mission: Inspiring Conservation through Science

Integrate research, education, and community

Photo by Gerald & Buff Corsi
Sentinel Site
long-term record of landscape condition

measure, map, and model ecosystem health

Improve stewardship and accelerate climate adaptation
Fire History – 2010-2020

https://www.wildfirefuelmapper.org/
Pepperwood’s Native Advisory Council
Lessons learned

Lop and scatter
Followed with broadcast Rx burn

Piling Fuel
Followed with pile burning
Lessons learned

Broadcast burning
Current stewardship projects

Before

After
Blue wild rye – *Elymus glaucus*
Purple needlegrass – *Stipa pulchra*
California fescue – *Festuca californica*
Fire flushes the seed bank of broom

Remove the invasive before they set seed then we have reduced the seed bank
Delayed regeneration

- Second fire helped by removing the biomass of many invaders
- Many of these perennial and bi-annual invaders are just waiting.

- Thistle sp.
- Oblong Spurge (*Euphorbia oblongata*)
- Queen’s Anne’s Lace (*Daucus carota*)
- Wild Teasle (*Dipsacus fullonum*)
- Fennel (*Foeniculum vulgare*)
- Himalayan Blackberry (*Rubus armeniacus*)
Other considerations:

- Equipment loss
- Safety concerns - Hazard trees
- Can be very emotional time for people
- Livestock needs
THANK YOU

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