

Enhancing forests from the ground up

Funga's science and solutions
for Florida's forest landowners

J. Anthony Seliskar, *Land Program Director*

*Trees partner with 1,000s
of species of fungi to
access soil nutrients*

*Without them, **productivity
is compromised***



Southern Pine fungi are in crisis



Clearcuts are a clean slate for the fungi, too

75% of soil life is lost



Forest's can't restore the fungi fast enough

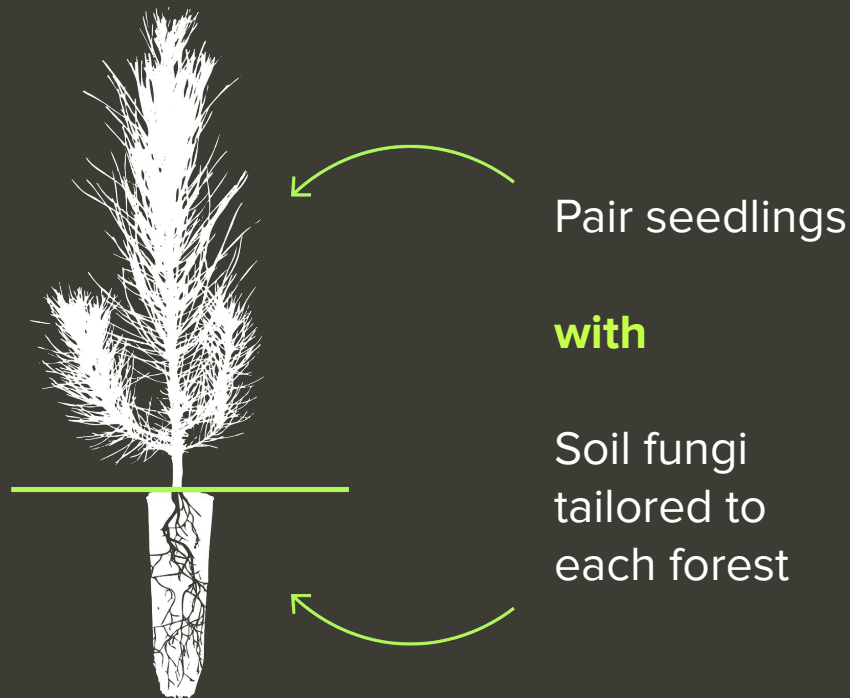
27+ years to recover



Past fungal inoculants haven't worked

One-size fits all approaches

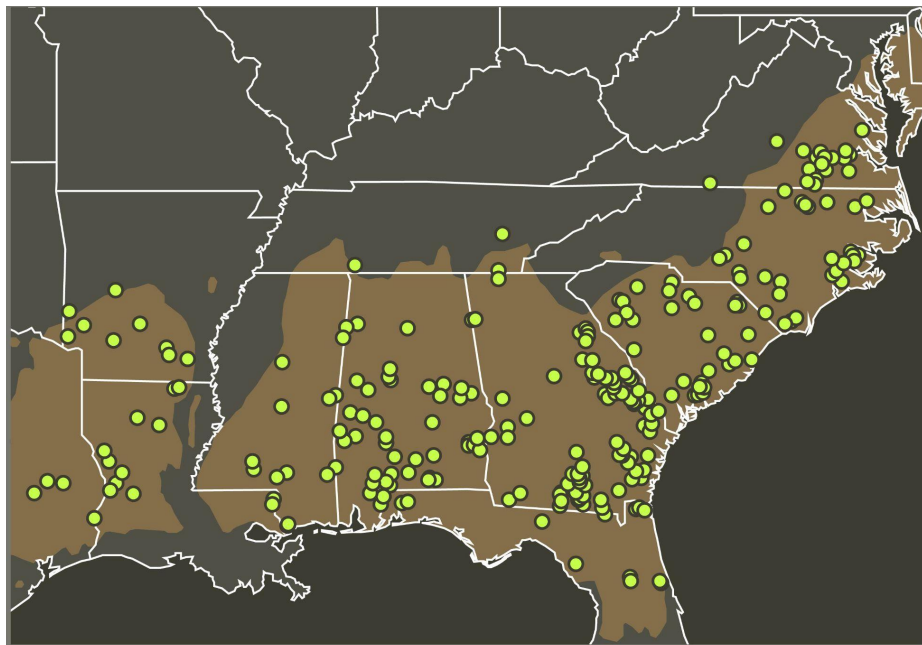
*Funga restores
forest soils with
native, growth-
promoting fungi*



Building the largest fungal database in Southern Pine

1,000s of soil samples DNA sequenced and analyzed alongside other data

- Identify stands with **healthy** microbial communities
- Identify stands with **unhealthy or missing** microbial communities

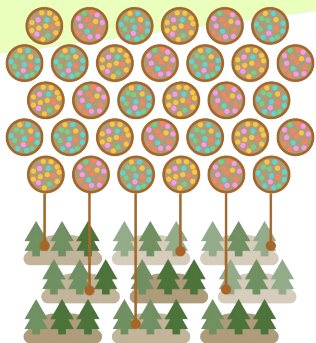


From soil sampling to carbon project



Soil Sampling Program

Landowners work with Funga to collect soil samples



Foundational Dataset

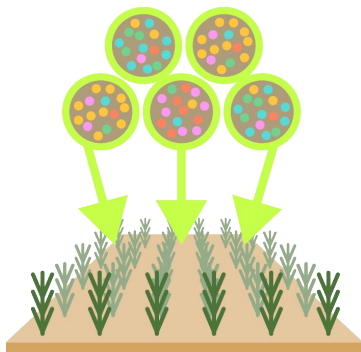
Soil fungi are mapped, and healthy and unhealthy sites are identified



Testing

Healthy soils are tested in-house

- *Data analysis*
- *Nursery trials*
- *Field trials*



Donor Forests

Donor forests qualify for financial benefits and support regional soil restoration

Carbon Project Soil Restoration

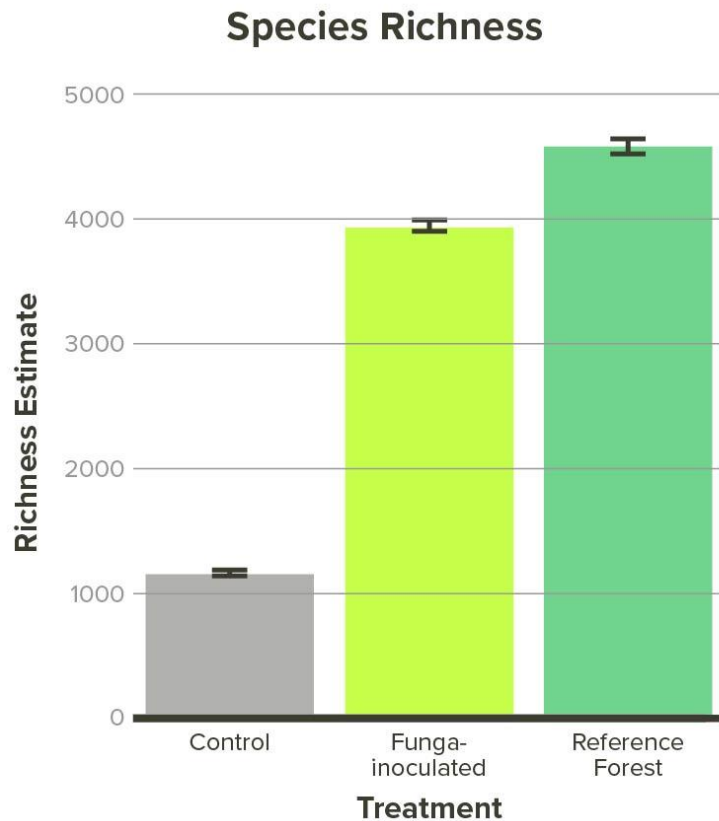
Forests set to be re-planted enroll into our carbon program for soil microbiome restoration



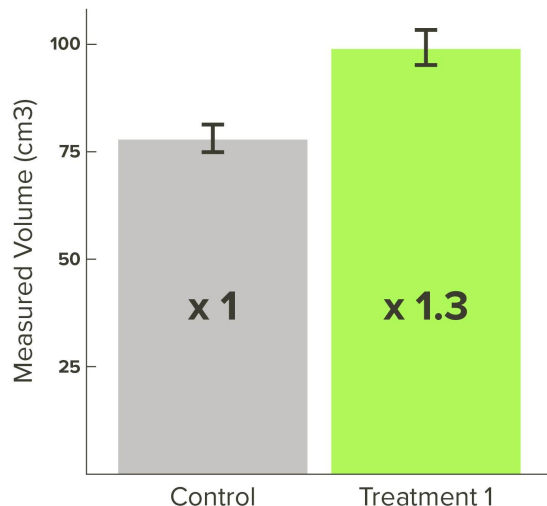
Funga seedlings are incredibly biodiverse



Our approach
accelerates the rate at
which fungal species
recover within managed
forest systems

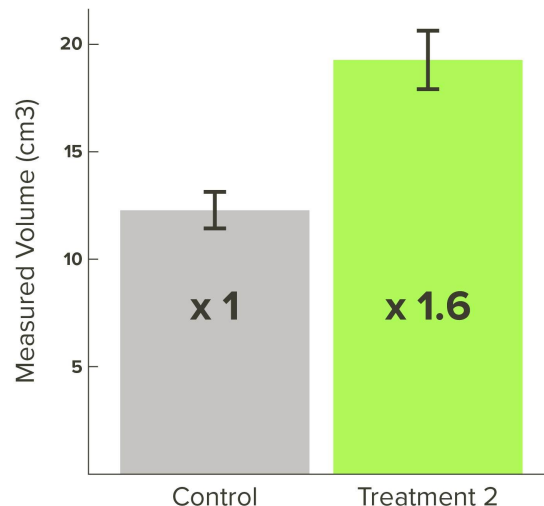


A region-specific, data-driven solution



Georgia Coastal Plain - 30%

After 25 years: 2,881 ft³ more wood
and **Site Index 81 to 93.**



Georgia Piedmont - 60%

After 25 years: 3,249 ft³ more wood and
Site Index 64 to 80.

One-year field results are clear



*Funga-treated
trees grow ~**30%**
more on average,
and survive better*



Control tree



Funga Tree

2-year field results are also clear



*Increased growth
responses hold
after two years*



Control tree



Funga Tree

*A low-lift program, built
for timberland owners*

No cost

No change in management

Control plots to verify growth



Qualifying criteria:

- ✓ Loblolly Pine
- ✓ Replanting at least 100 acres
- ✓ Managed for timber

Clear financial benefits over the forest's rotation



Upfront Savings

Cover the cost to upgrade seedling orders



Additional Revenue

Annual carbon payments and retained timber rights



Long Term Value

Build resilience into timberland with restored soil microbiome

We scaled fast in 2025

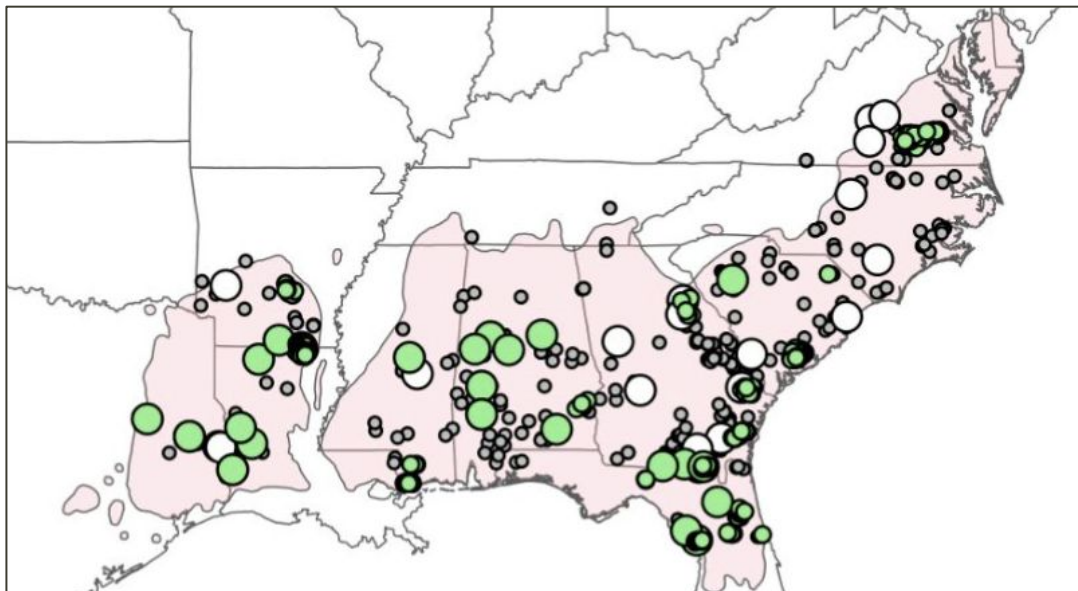


*~\$1M in landowner benefits
(seedlings)*

28k total acres enrolled

1,500+ seedlings inoculated

25+ trials established



3 Easy Steps

1. **Collection:** A professional Forester visits your property to collect topsoil, or we can work with you to walk you through how to yourself.
2. **Analysis:** We analyze the samples to map your soil's unique fungal characteristics. Later on, you receive a free report detailing the findings.
3. **Assessment:** After select testing, we determine if your property qualifies for Donor Forest consideration.



Soil Sampling Program (SSP)

Visit funga.earth/soils OR scan the QR code with your phone camera to fill out our interest form.



Funga's Southern Pine Carbon Program

Visit funga.earth/landowners to learn more about program benefits.

Thank You!

anthony@funga.earth



IN COLLABORATION WITH:



FOREST PRODUCTIVITY COOPERATIVE

North Carolina State University • Virginia Tech • Universidad de Concepción • Universidade Federal de Lavras