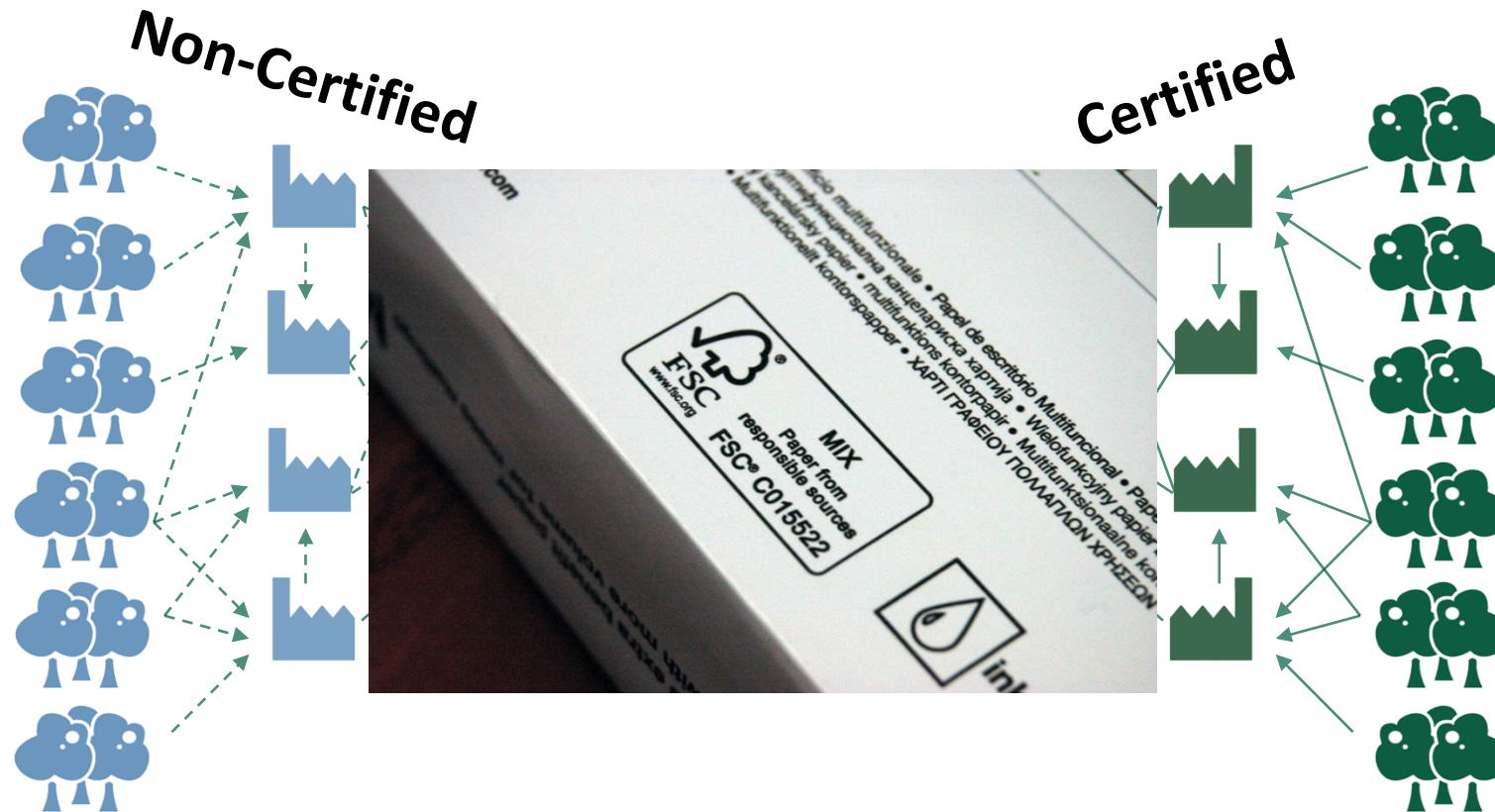




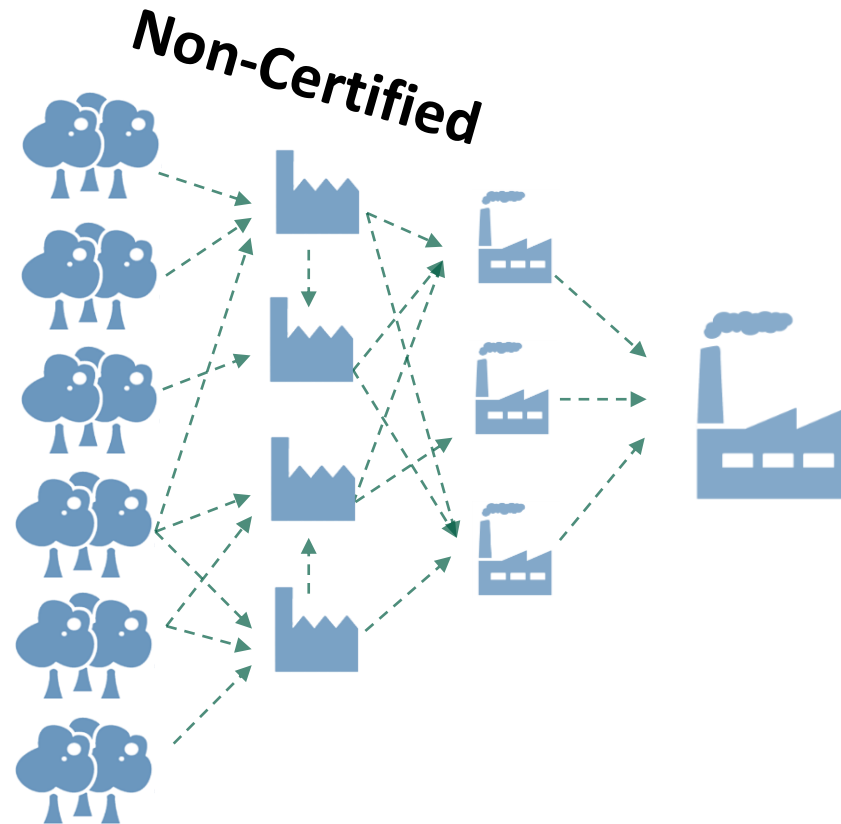
Forest Stewardship Council: US Risk Assessment of Forest Regions

Amy Clark Eagle, FSC US
Bioenergy Workshop – May 2, 2019

Forest Stewardship Council: Promoting Responsible Forest Management

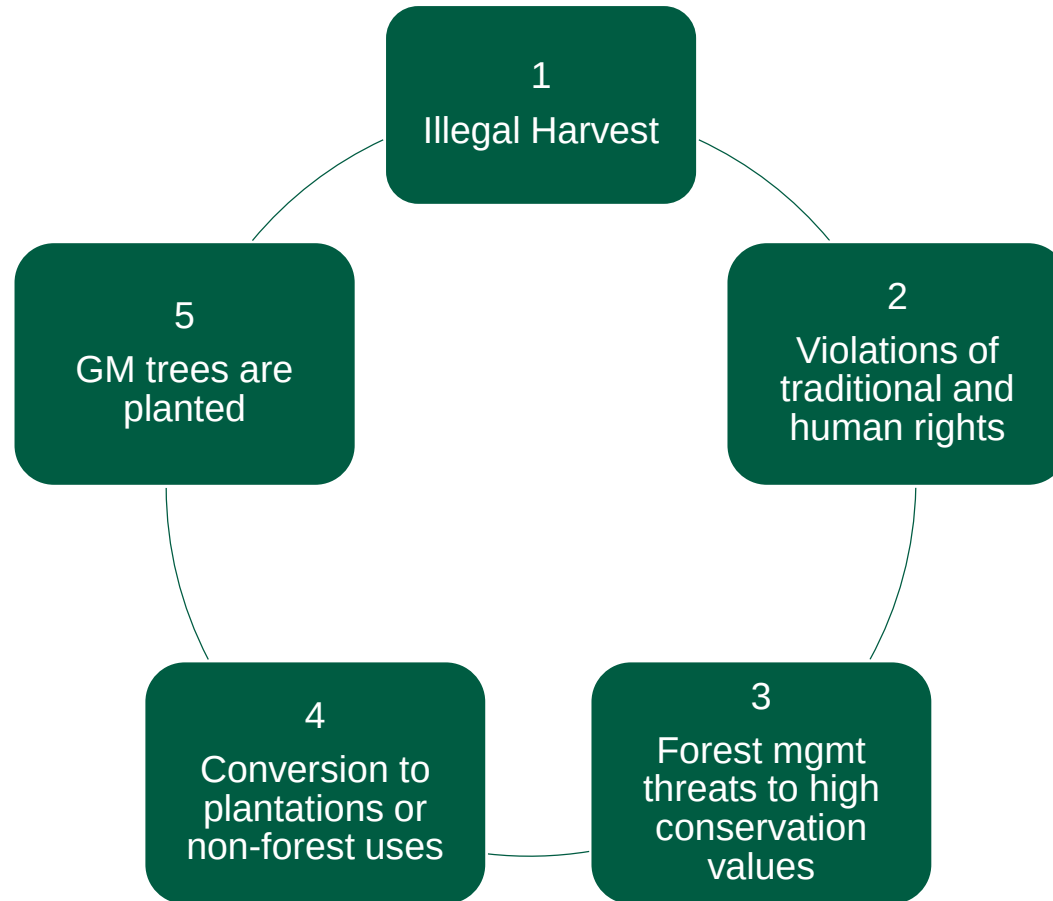


Not Everything Can Be Mixed!



**Non-certified materials
must be ‘Controlled’
before mixing**

Due Diligence System Required



Information gathering

Risk assessment

Risk mitigation

FSC US Controlled Wood National Risk Assessment



Conterminous U.S.

Approved: April 5 2019

*(Companies must update
their DDS by October 5)*

Alaska & Hawaii

Due: By End of 2019



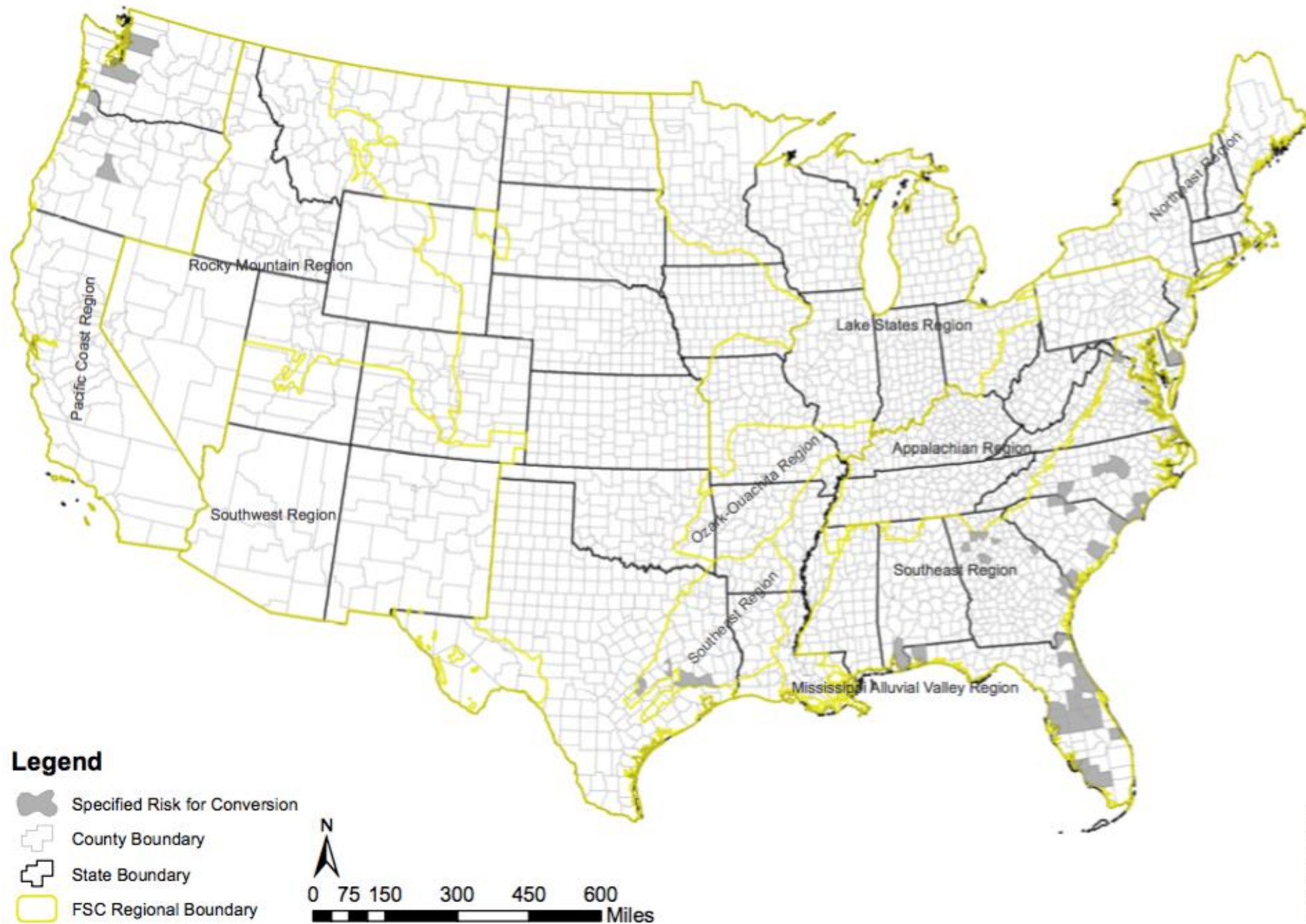
Information Sources: Primarily legislative review, literature review, expert consultation, federal data

Challenges: Inclusion of ‘forestry/logging’ data within ‘agriculture’

**SPECIFIED RISK**

Information Sources: Legislative review, literature review, stakeholder consultation, federal data (population growth, residential building permits)

Challenges: FSC threshold too small for FIA and NLCD analyses;
Global Forest Watch not aligned with FSC's definition of conversion





Assessment: 1) Identify globally, regionally and nationally significant High Conservation Values (what & where)
2) Assess threats from forest management

#2 Information Sources: Literature review, expert consultation, publically available data analyses

#2 Challenges: Determination generally made using qualitative data

3

Forest mgmt
threats to high
conservation
values



LOW RISK



**HCV 2 – Landscape Level Ecosystems (Global Forest Watch, PAD-US,
USFS Inventoried Roadless Areas)**

HCV 4 – Critical Ecosystem Services

HCV 5 – Community Needs

HCV 6 – Cultural & Sacred Sites

3

Forest mgmt
threats to high
conservation
values

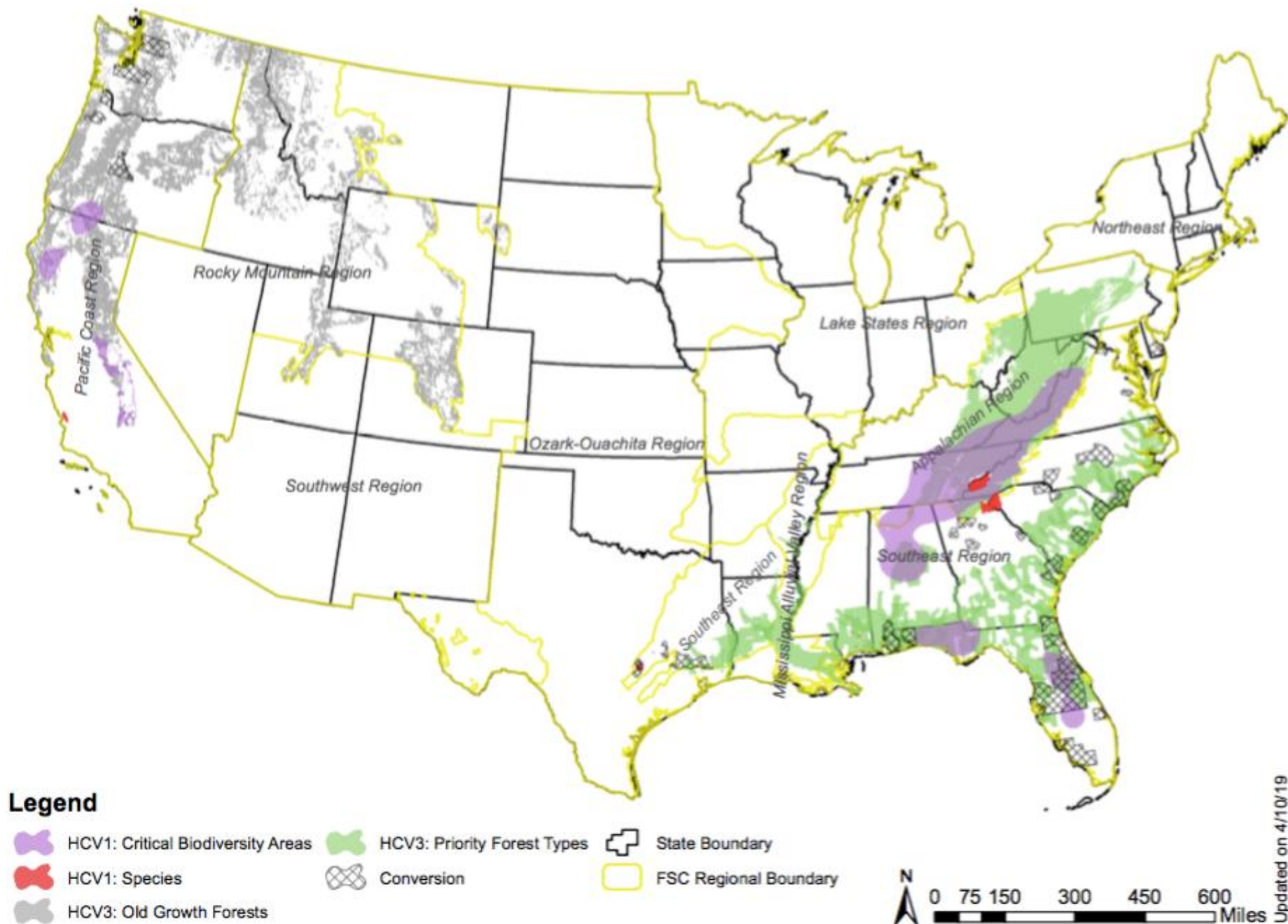


SPECIFIED RISK



HCV 1 – Concentrations of Biodiversity (NatureServe)

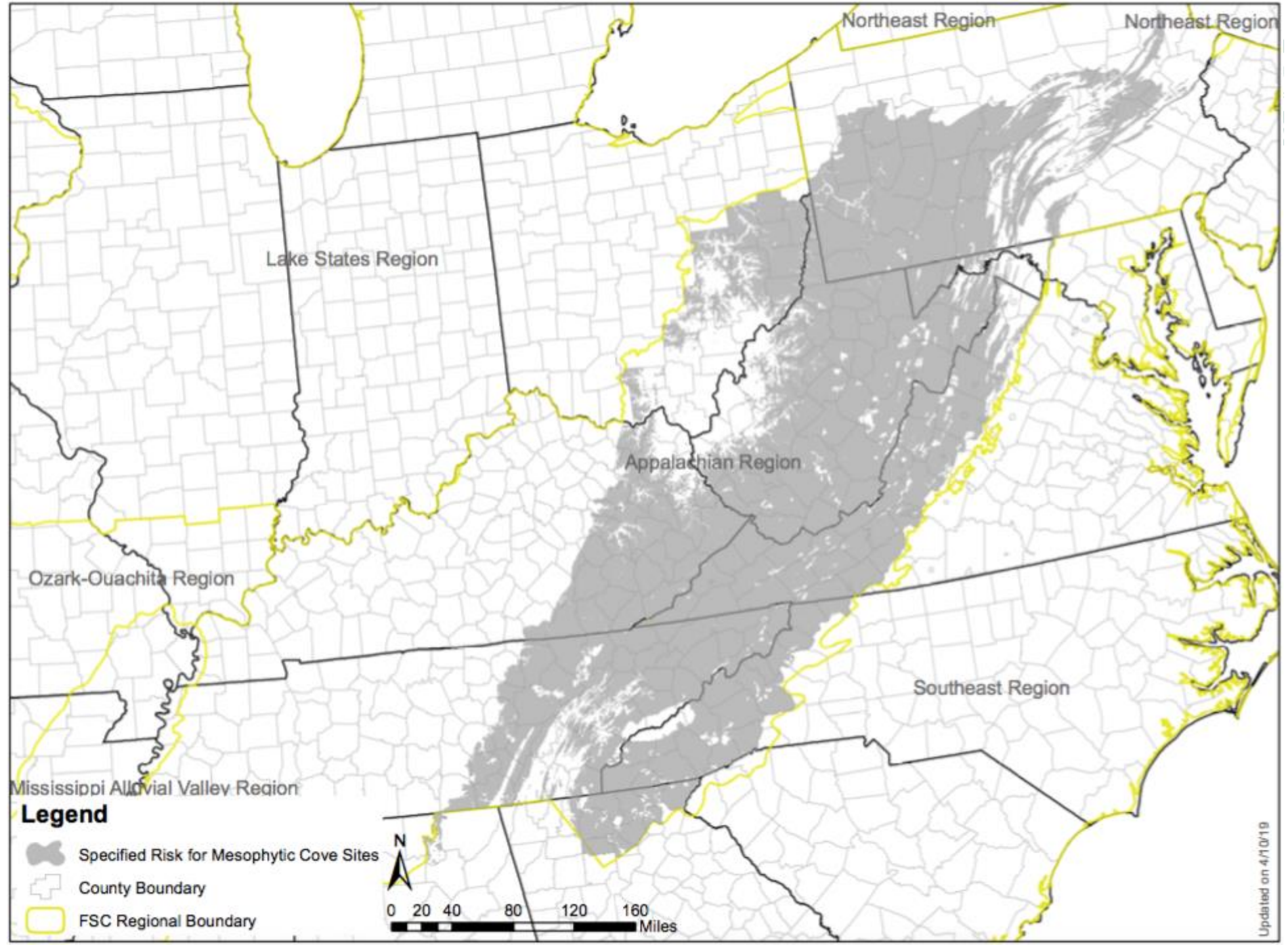
**HCV 3 – Rare Ecosystems & Habitats (Expert consultation,
anything we could find)**



3

Forest mgmt
threats to high
conservation
values

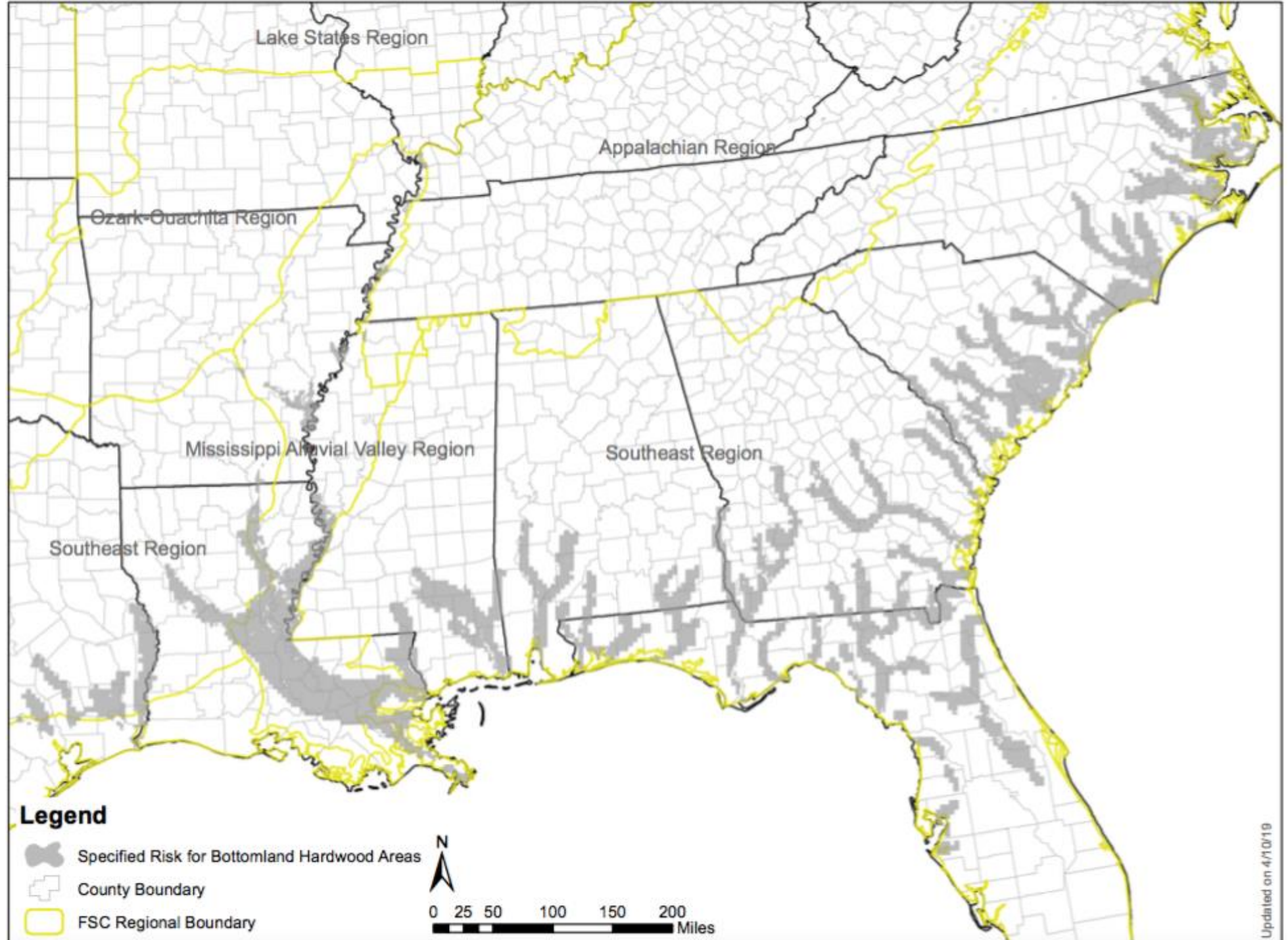
Mesophytic Cove Sites



3

Forest mgmt
threats to high
conservation
values

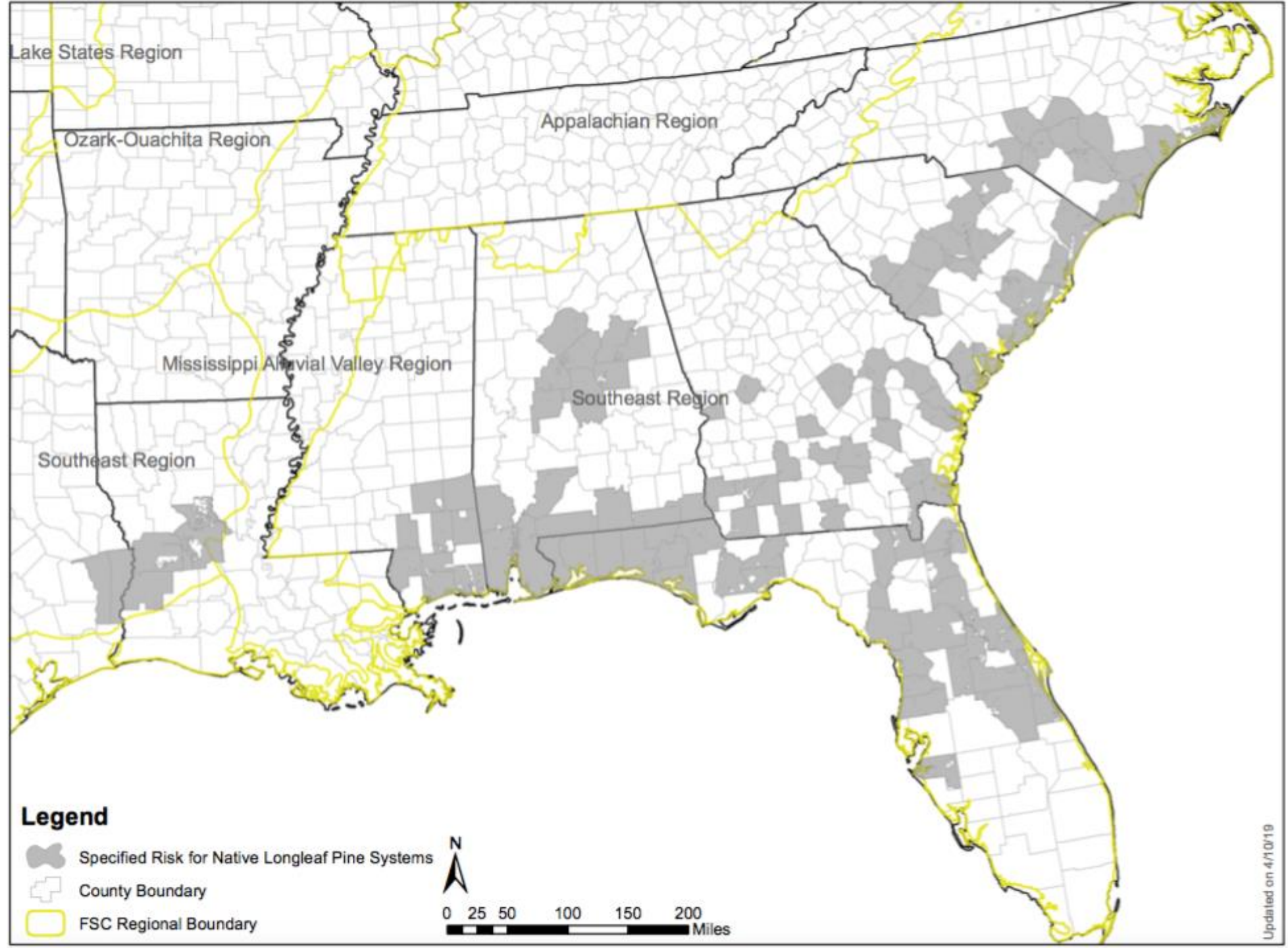
Late- Successional Bottomland Hardwoods



3

Forest mgmt
threats to high
conservation
values

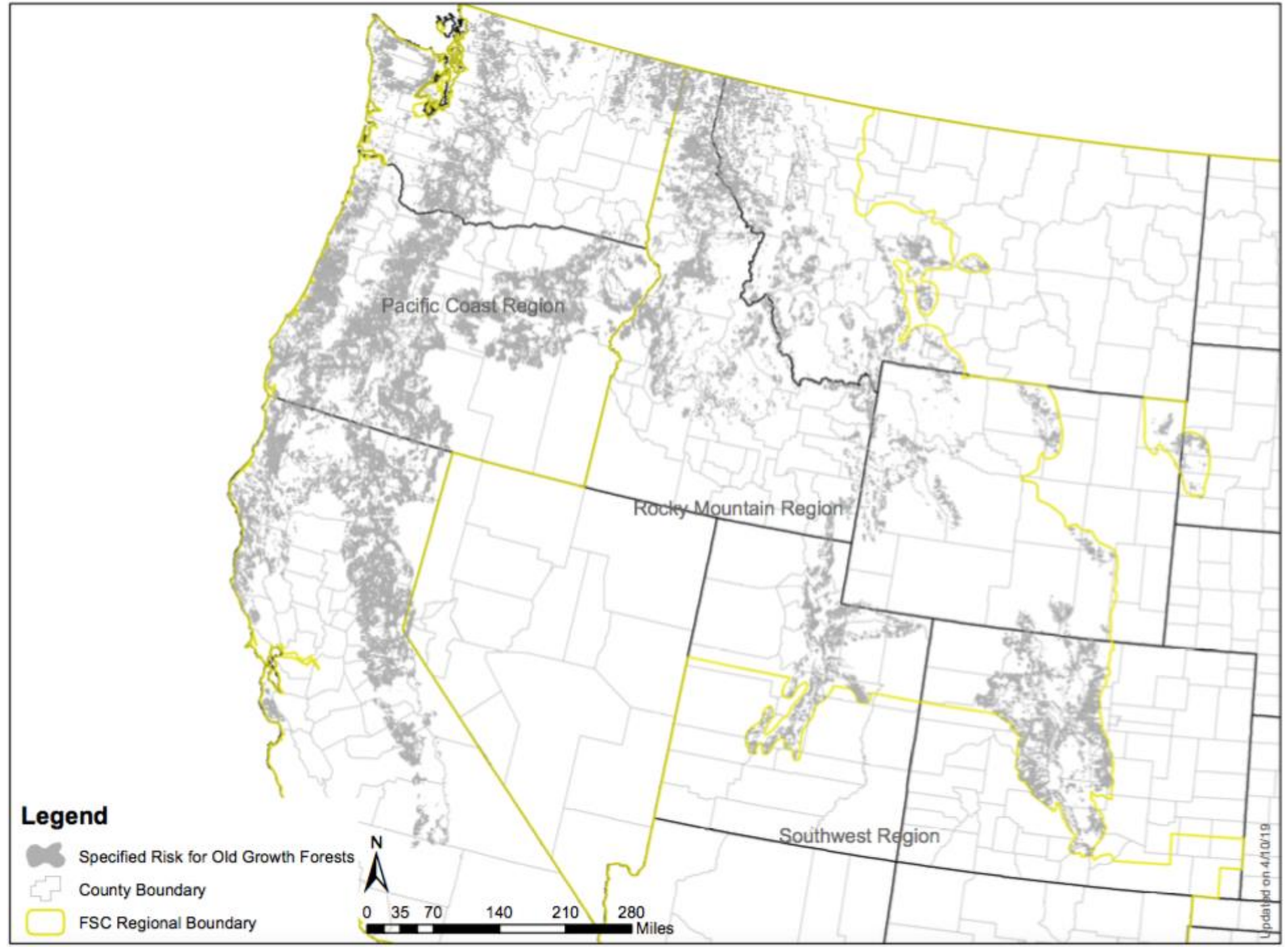
Native Longleaf Pine Systems



3

Forest mgmt
threats to high
conservation
values

Old Growth



Landscape-Scale Mitigation & Evaluation

- Individual HCV sites and conversion sites are not mapped
 - Companies are not able to identify individual source forests
 - Information sharing is limited by antitrust concerns
-
- Avoidance is not an option, nor is ‘traditional’ FSC mitigation
 - BUT if company mitigation efforts are focused on limited options with common desired outcomes, landscape-scale change is achievable
 - Reduction of risk over time through collective company efforts that reduce the severity of undesirable activities

Landscape-Scale Mitigation & Evaluation



- **Education & Outreach**
- **Research & Mapping**
- **Conservation Initiatives**
- **Planning**
- **Landowner Incentives**

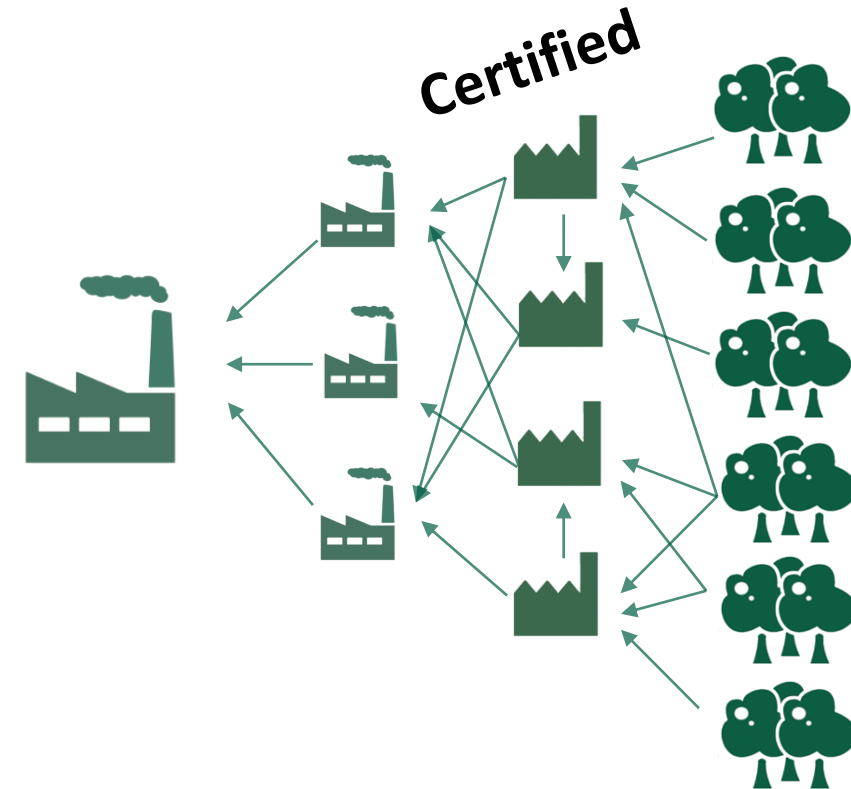
National Forest Stewardship Standard

Currently Revising the Standard:

- Family Forest Indicators
- Plantation Indicators
- Supplementary Requirements for National Forests

Future Opportunity:

- Risk Based Approaches – risk assessment and adapted response by indicator



New Approaches for Smallholder & Community Certification



- **Contractor Certification (Baltics, US, Australia, Brazil, Spain)**
- **Streamlined/Simplified Standards (Asia-Pacific, UK)**
- **Step-wise/Continuous Improvement (Africa, Latin America)**
- **Appalachian Woodlands Alliance – Smallholder Access Program**



THANK YOU!

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