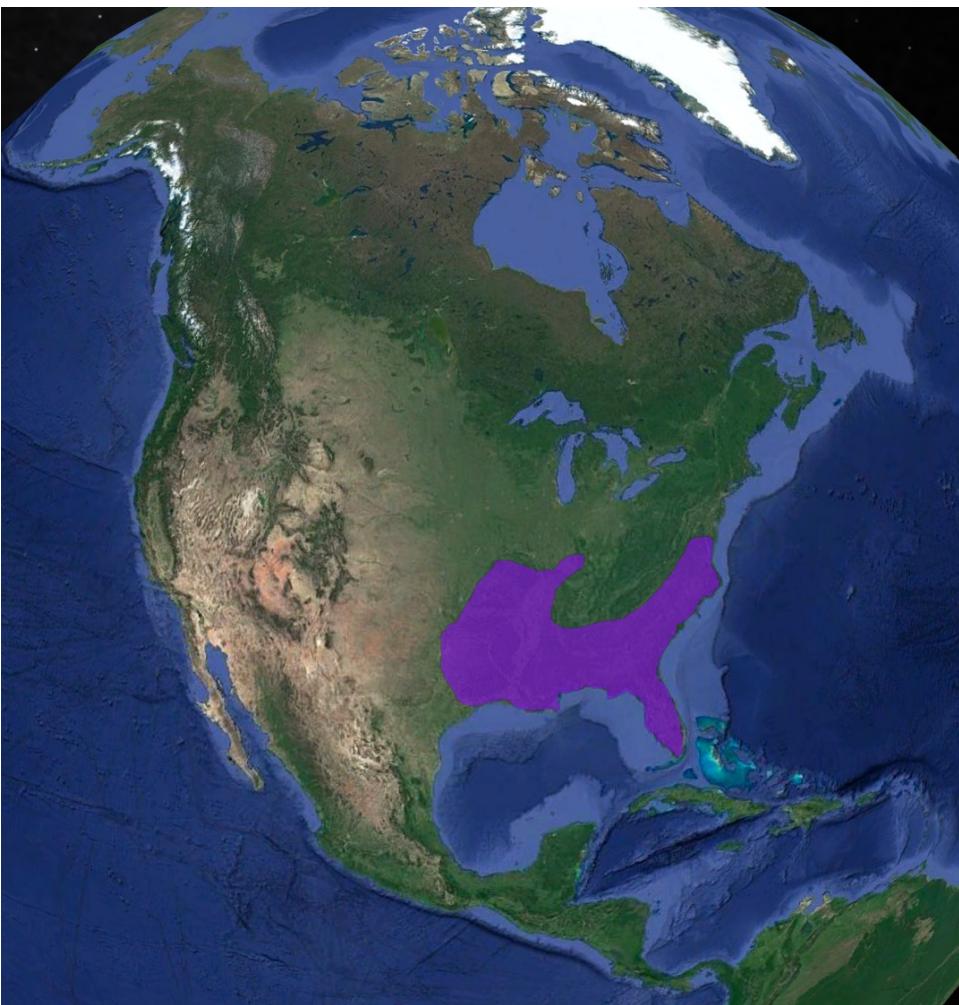


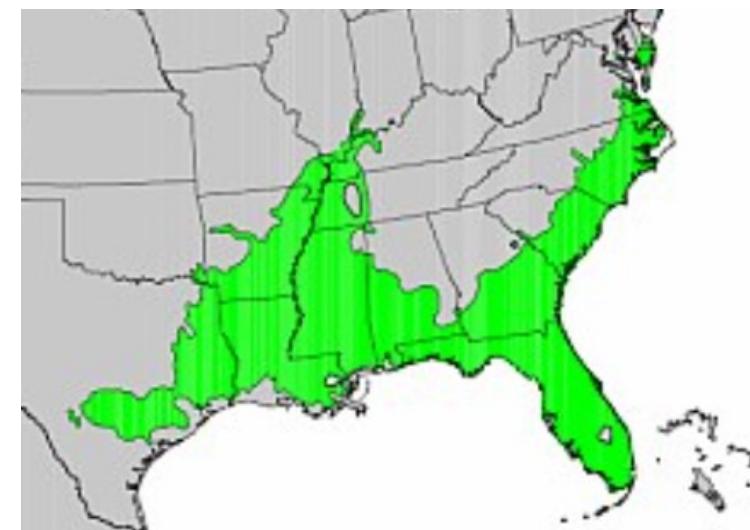
Gulf Region



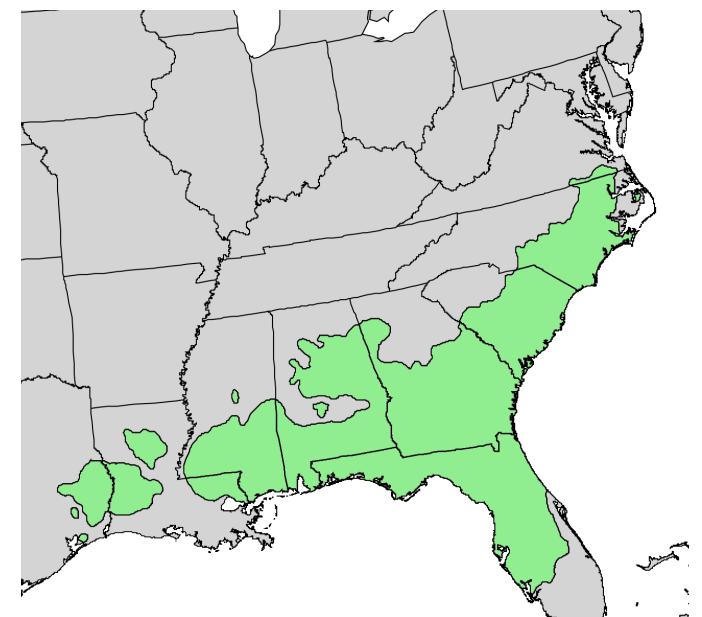
NA Level III Equivalents: 15.4.1, 8.5.2, 8.5.3, 8.5.1, 8.3.5, 8.3.6, 8.3.7, 8.3.8, 8.3.3, 8.3.4, 8.4.5, 8.4.6, 8.4.7, 8.4.8



Example endemic Taxa (Little 1971)



Taxodium distichum



Pinus palustris

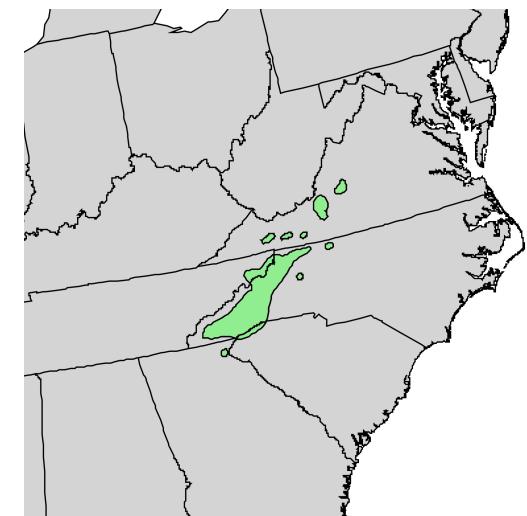
Figure S1

Appalachian Region

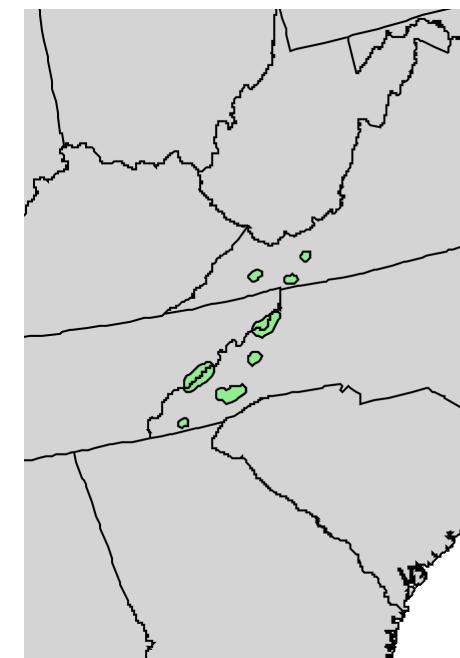


NA Level III Equivalents: 8.1.7, 8.5.4, 8.3.1, 8.4.1, 8.4.4, 8.4.2, 8.4.9, 8.4.3

Example Endemic Taxa (Little 1971)



Tsuga caroliniana



Abies fraseri

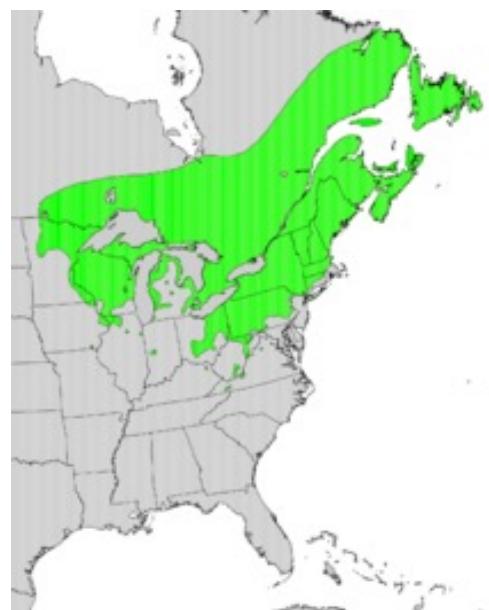
Figure S2

Laurentian / Great Lakes Region

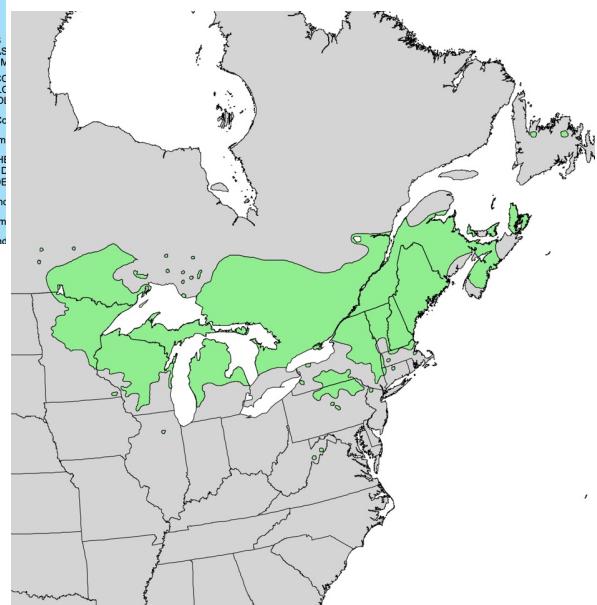


NA Level III Equivalents: 5.3.3, 8.1.8, 8.1.9, 8.1.1, 8.1.2, 8.1.3, 8.1.10, 8.2.4, 8.2.3, 8.2.1, 8.1.5, 8.1.4, 8.2.2, 5.2.2, 5.2.1, 5.2.3, 5.1.3, 5.1.4, 5.1.6

Example gradient taxa, Little 1972



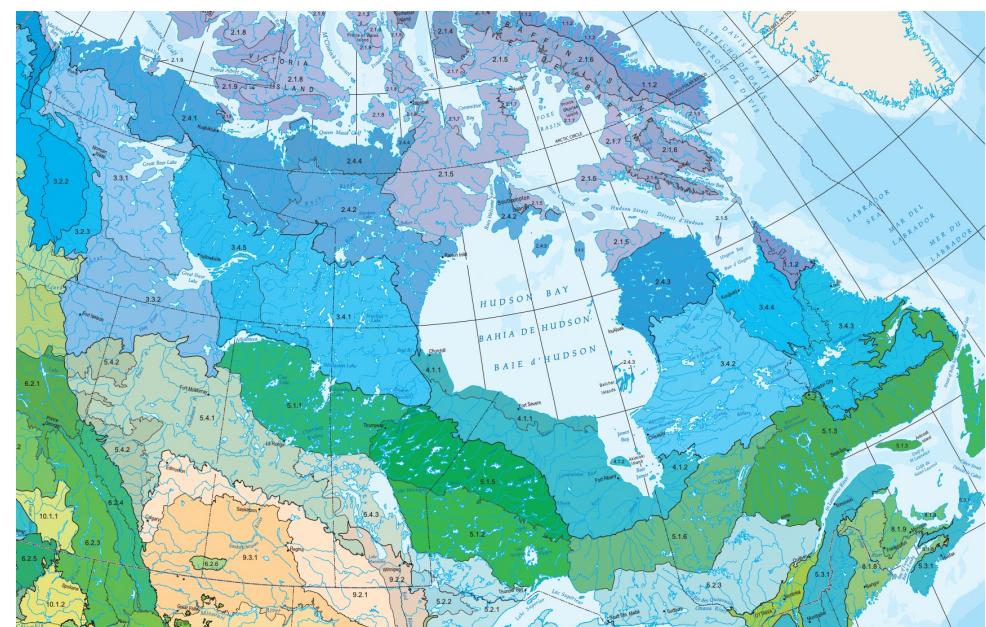
Taxus canadensis



Pinus resinosa

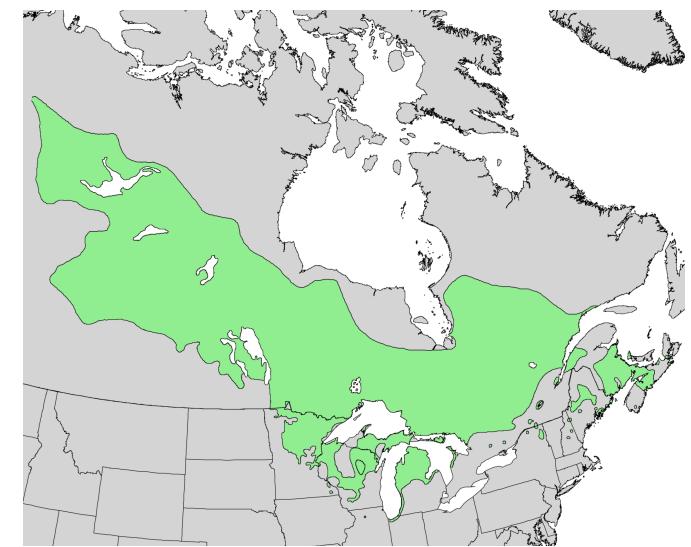
Figure S3

Boreal East

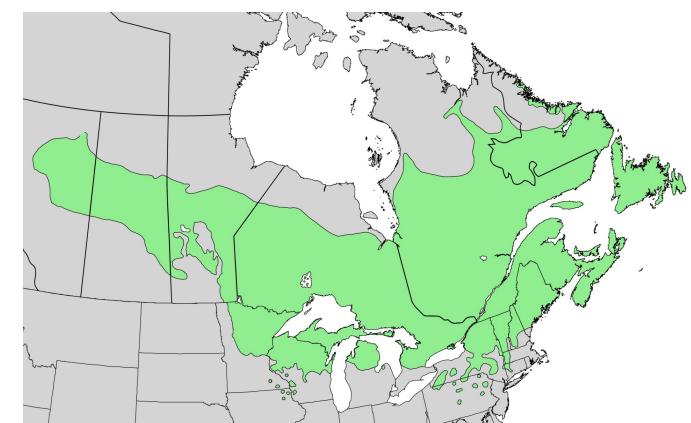


NA Level III Equivalents: 5.1.5, 4.1.2, 5.1.6, 5.1.1, 5.4.1, 5.4.3, 3.4.2, 3.4.4, 3.4.3, 4.1.1, 3.4.1, 3.4.5, 3.3.2, 3.3.1

Example gradient Taxa (Little 1971)



Pinus banksiana



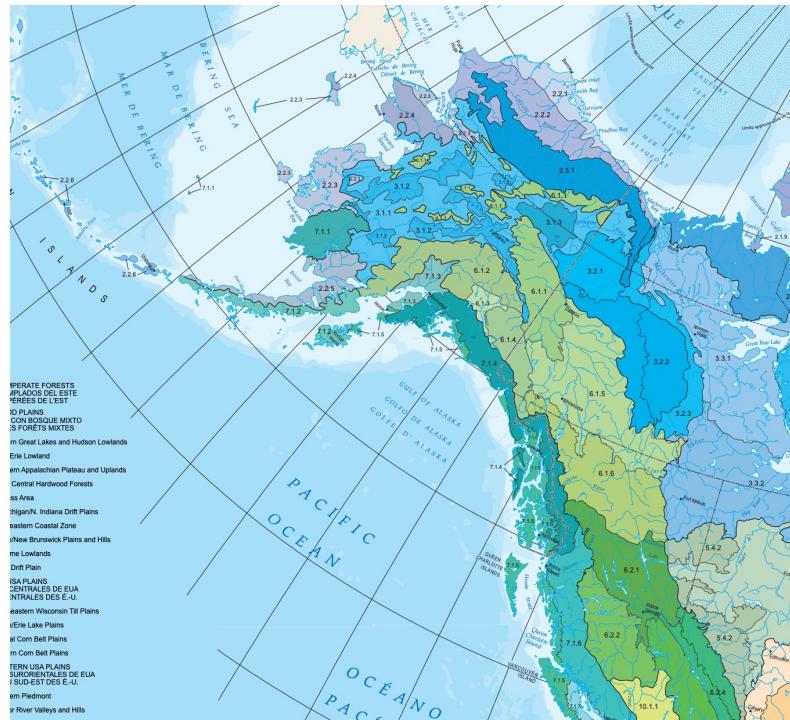
Abies balsamea

Figure S4

Boreal West



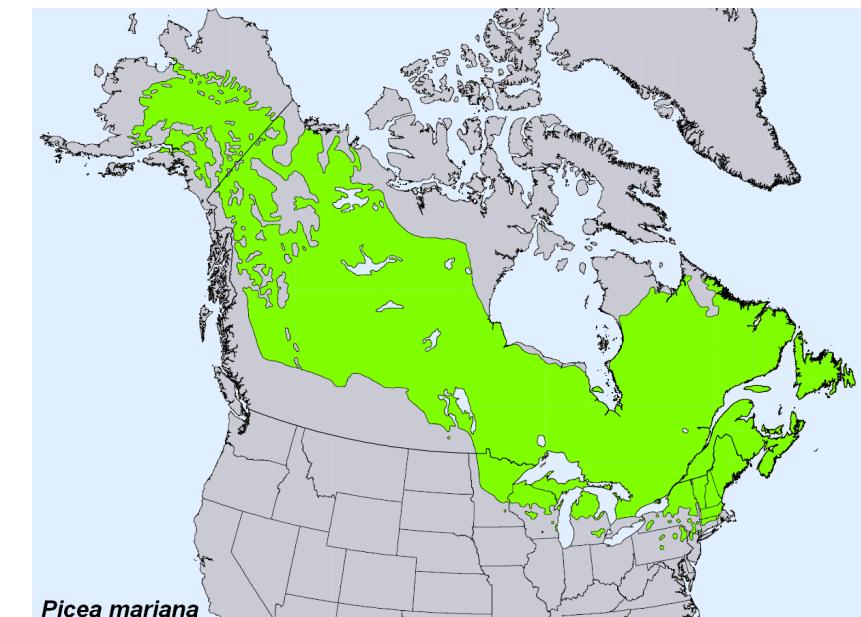
NA Level III Equivalents: 6.2.2, 6.2.1, 6.1.6, 6.1.5, 6.1.1, 6.1.2, 6.1.3, 5.4.2, 3.2.3, 3.2.1, 3.1.3, 3.1.1, 3.1.2



Example gradient Taxa (Little 1971)



Abies lasiocarpa



Picea mariana

Figure S5

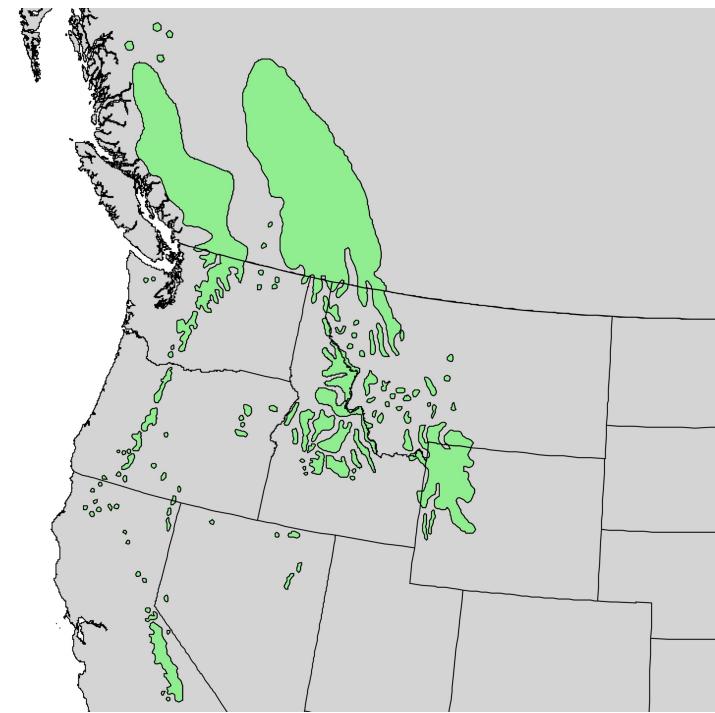
Inland NW



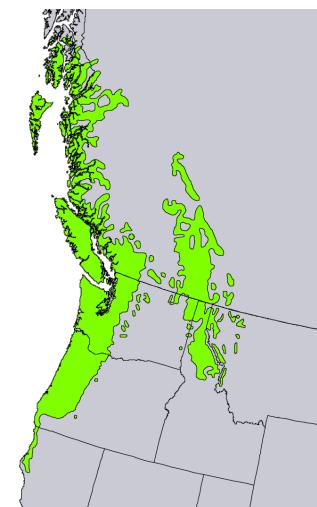
NA Level III Equivalents: 6.2.2, 6.2.4, 6.2.3, 6.2.10 above dashed line, 6.2.6, 6.2.15, Also smaller populations of Juniper, Ponderosa, and Douglas-fir within 9.3.1, and 9.3.3 to dashed line. Also encompasses populations in 10.1.1

Figure S6

Example gradient Taxa (Little 1971)

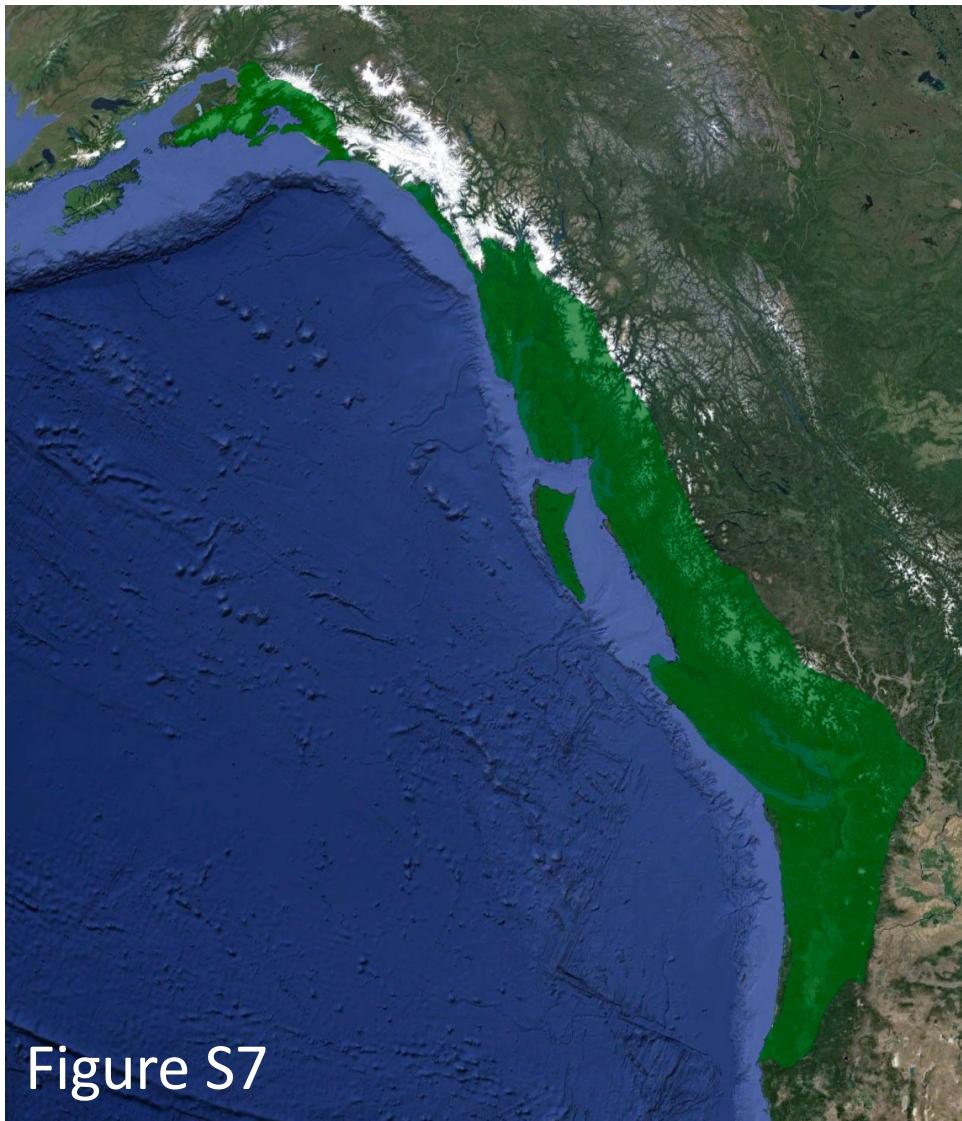


Pinus albicaulis

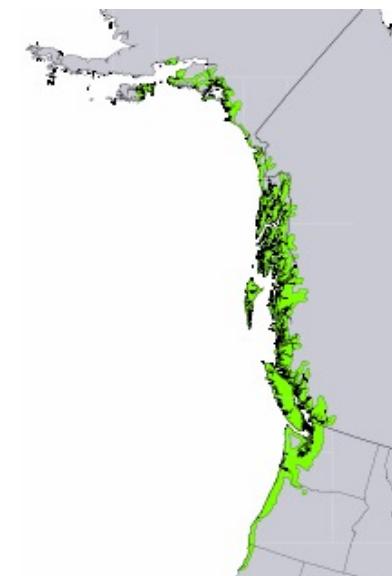


Thuja plicata

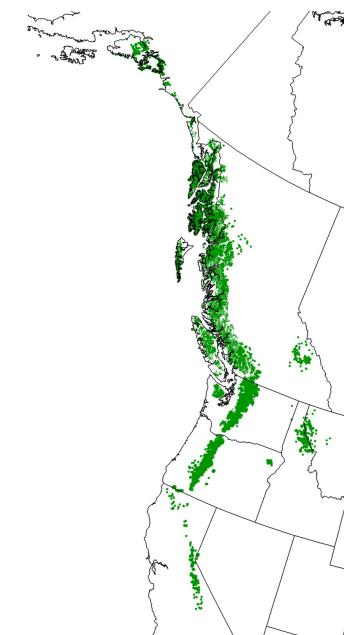
PNW Coast



NA Level III Equivalents: 7.1.5, 7.1.4, 7.1.5, 7.1.6, 7.1.7, 7.1.8
north of dotted line, 7.1.9, 6.2.5, 6.2.7-8 north of dotted line

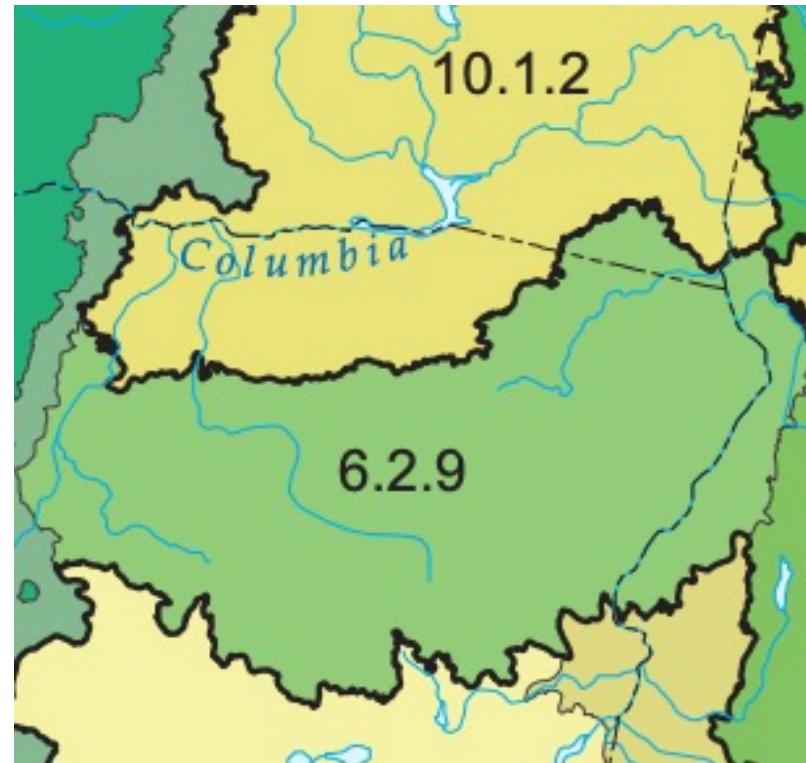
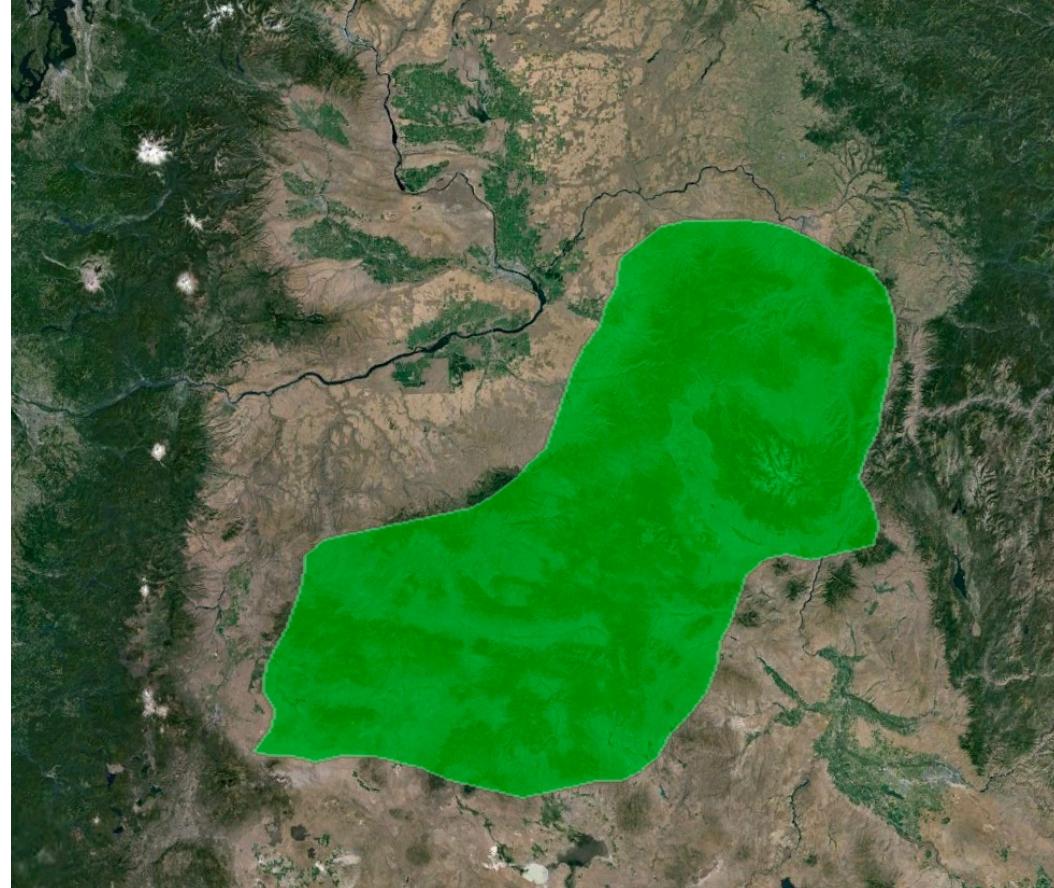


Picea sitchensis



Tsuga mertensiana

Blues, strictly transitional

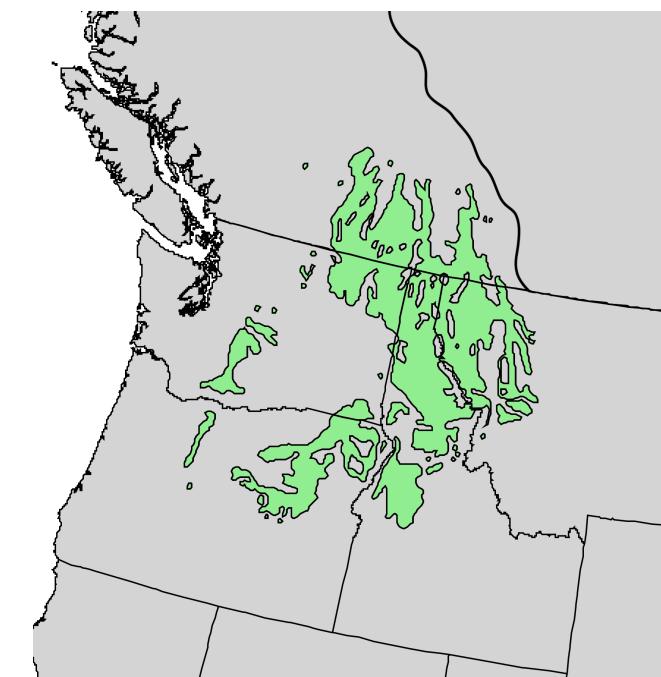


NA Level III Equivalents: 6.29

Example gradient Taxa (Little 1971)



Callitropsis / Xanthocyparis nootkatensis



Larix occidentalis

Figure S8

Klamath-South Cascades Region Transition between California and PNW conifers

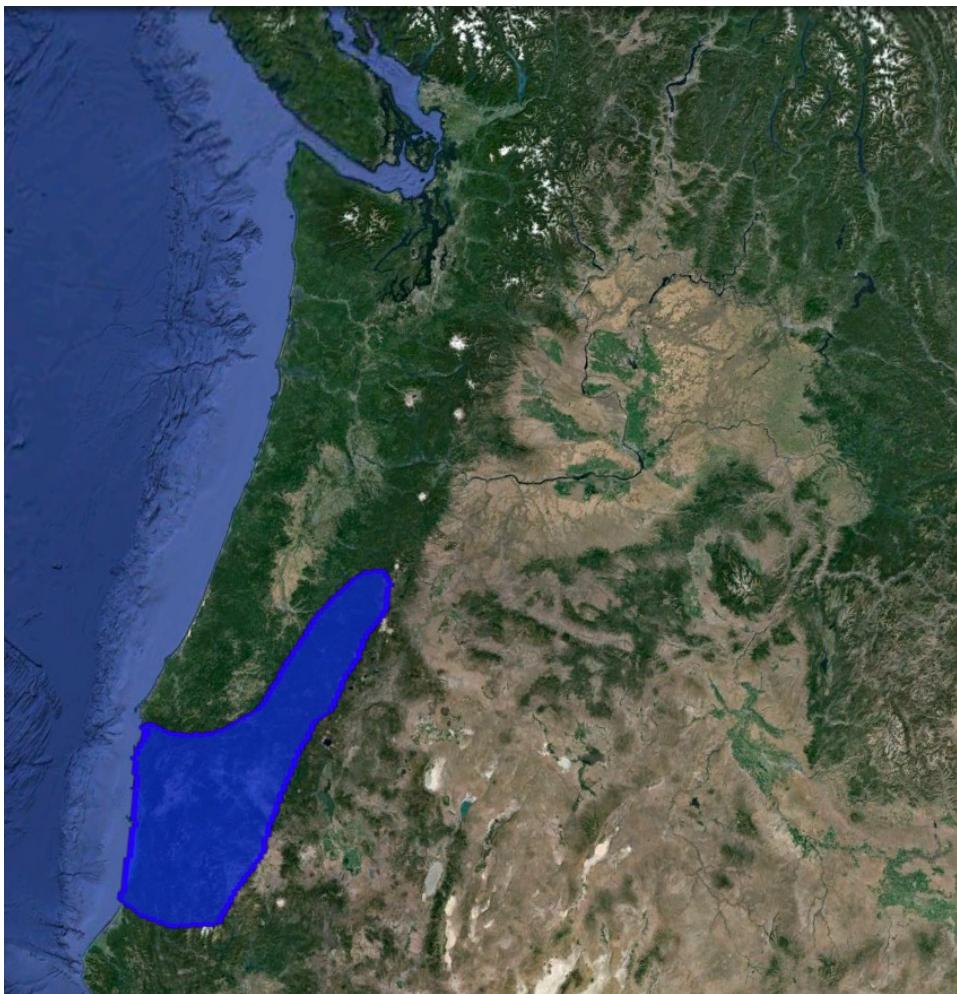
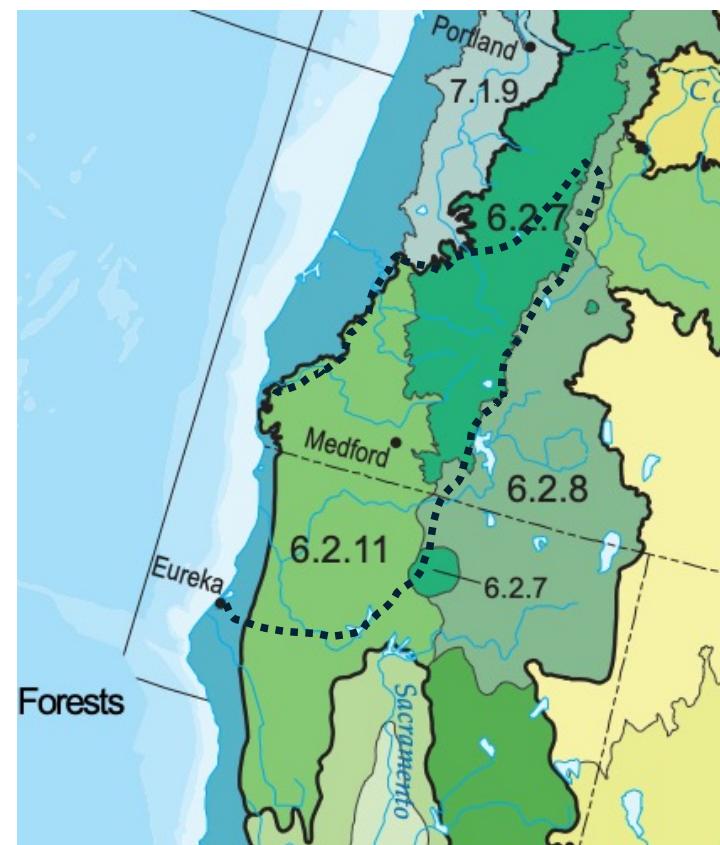
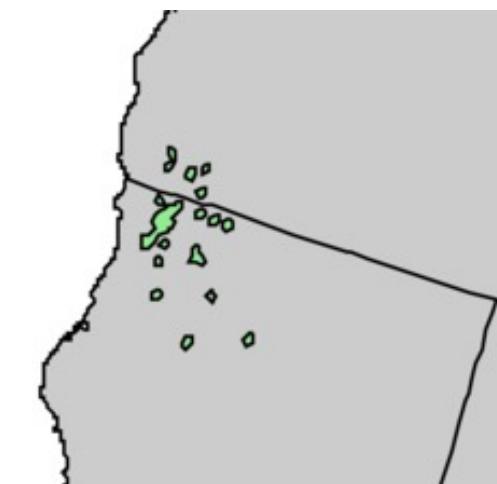


Figure S9

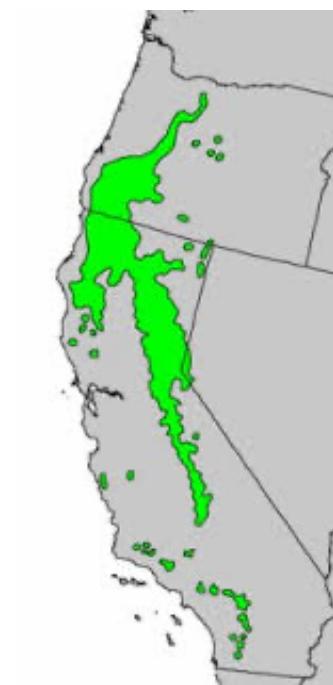


NA Level III Equivalents: All within the dotted line: 6.2.7,
6.2.11, 6.2.8, 7.1.8

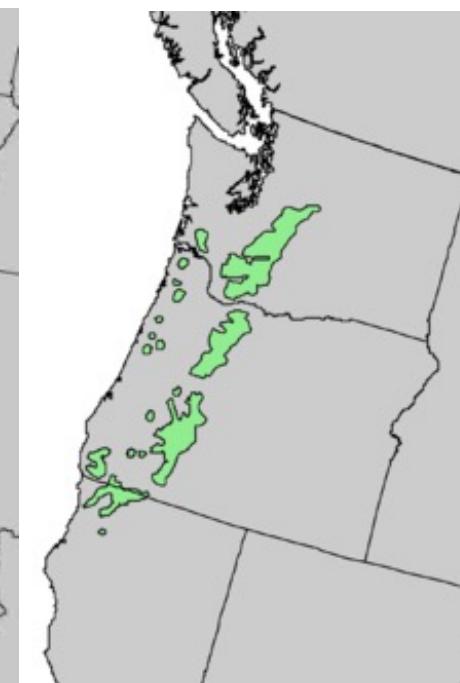
Example endemic and gradient Taxa (Little
1971)



Picea breweriana



Calocedrus decurrens



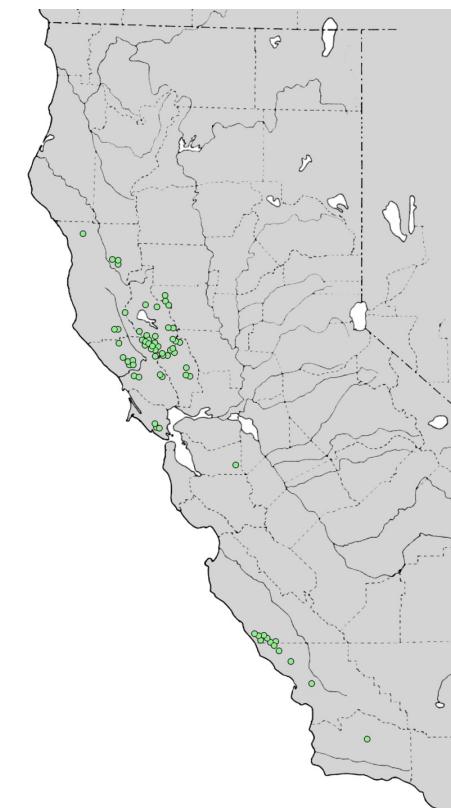
Abies nobilis

California Coast Region



NA Level III Equivalents: 7.1.8, 11.1.1, 6.2.11, all south and north of dotted lines.

Example endemic and gradient Taxa (Little 1971)



Hesperocyparis sargentii



Pinus radiata

Figure S10

Alto-Baja Region, named for historical Alta California province and Baja California



Figure S11

Example endemic and gradient Taxa (Little 1971)



Pseudotsuga macrocarpa



Pinus coulteri

Basin, Southern Rockies, and Utah Ranges.

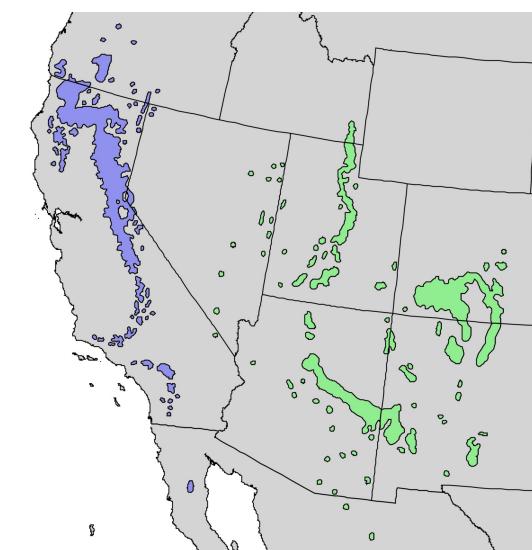


Figure S12

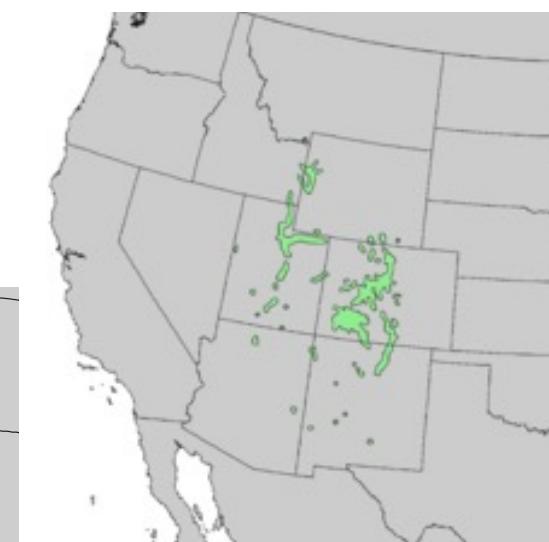


NA Level III Equivalents: Mountain Ranges within 10.1.3, 10.1.8, 10.1.4, 10.1.5, 10.1.6, 10.2.1, 10.1.7 north of line.
Core 6.2.14, 6.2.13, 6.2.8 east of dotted line
Note this ecoregions map does not
Encompass all the small mountain ranges in
Nevada

Example gradient Taxa (Little 1971)



Abies concolor

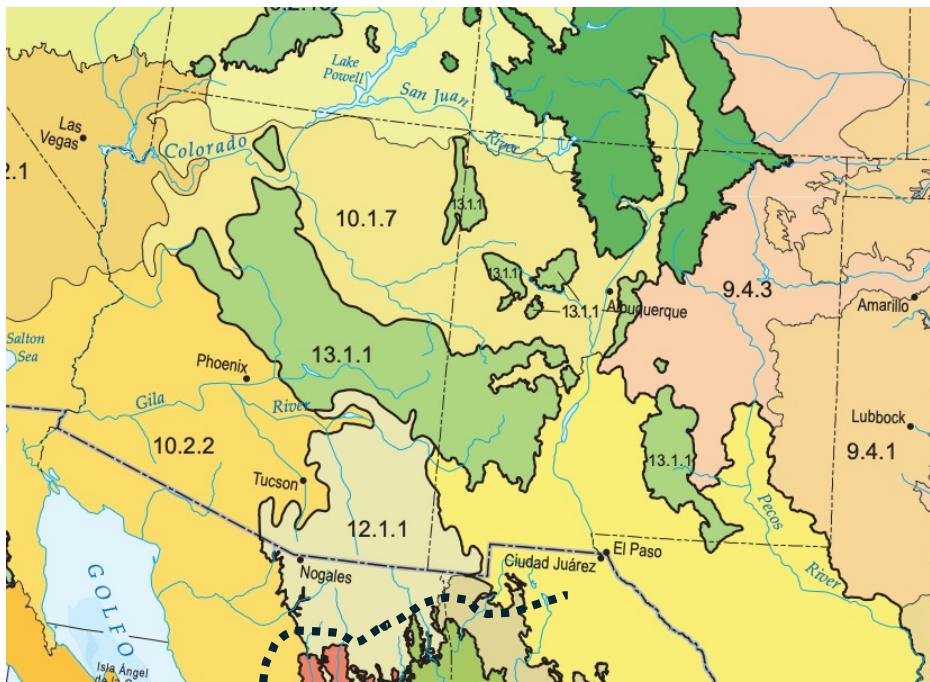
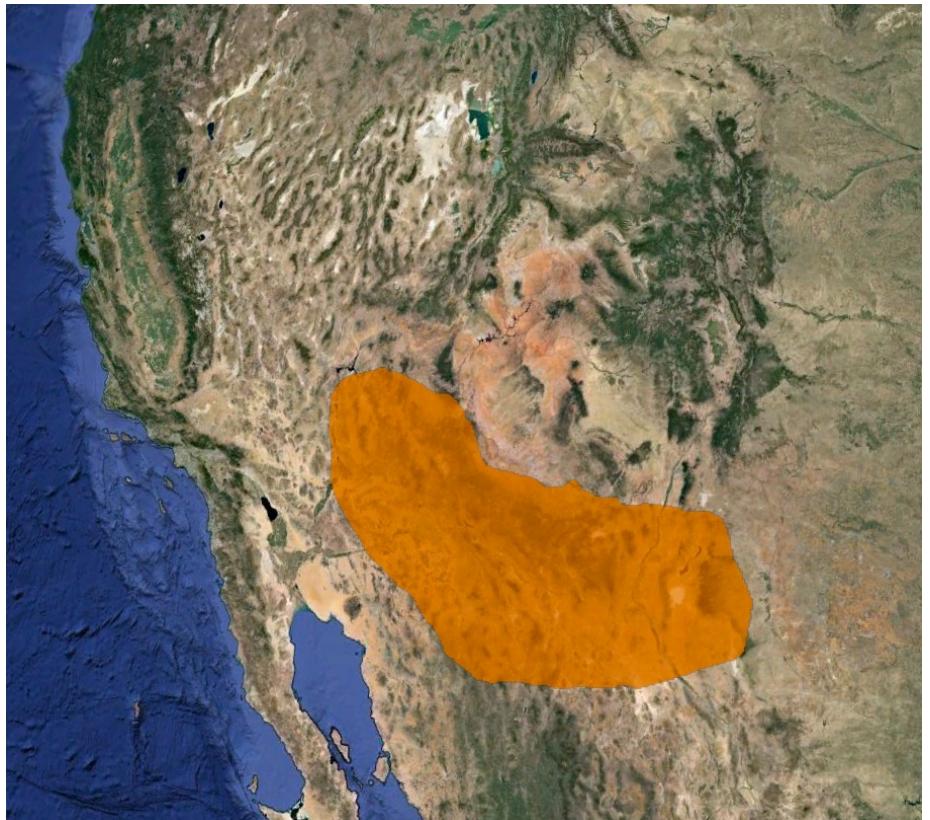


Picea engelmannii



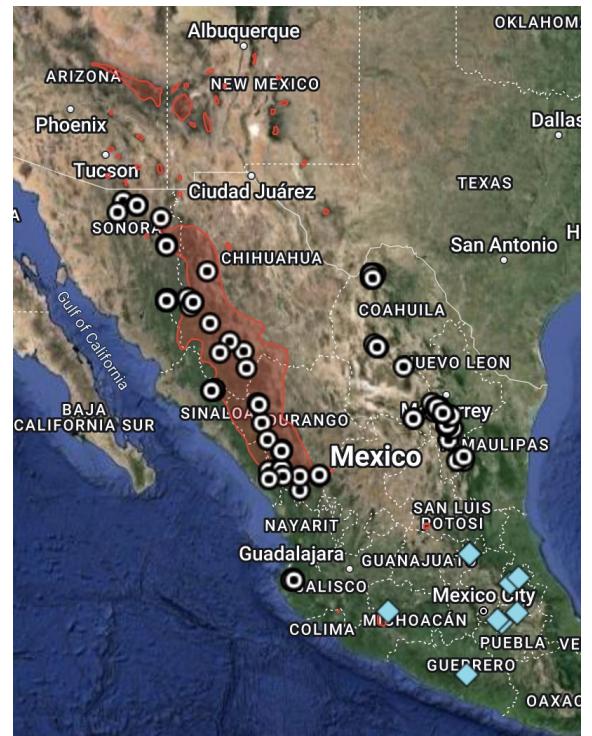
Pinus longeava

Mogollon, named for Mogollon Rim

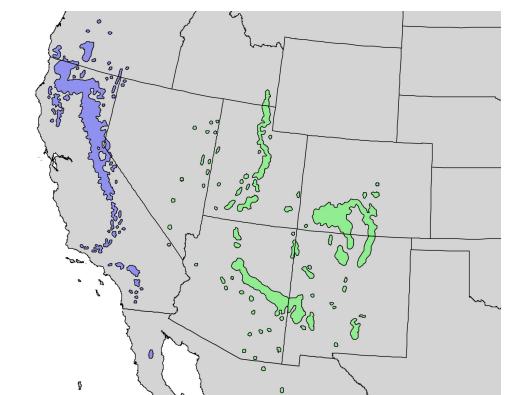


NA Level III Equivalents: Core: 13.1.1, Island Mountain Ranges within 10.2.2 and 12.1.1 north of dotted line.

Example gradient taxa (Little 1971, Earle 1997+)



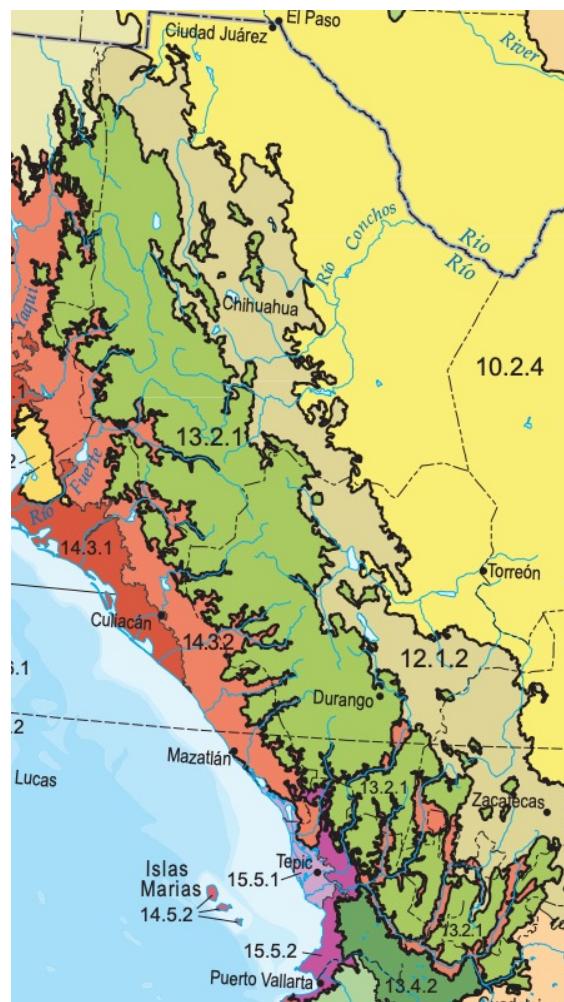
Pinus arizonica



Abies concolor

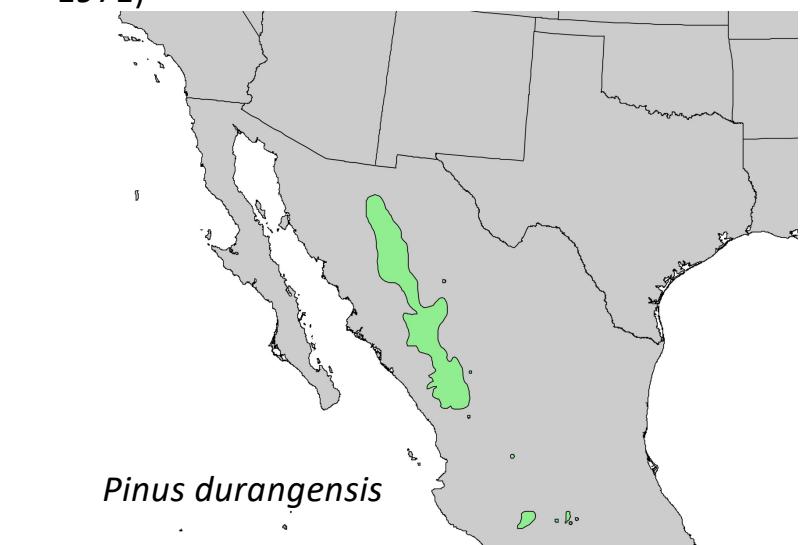
Figure S13

Sierra Madre Occidental



NA Level III Equivalents: Core: 13.2.1, 12.1.2

Example endemic and gradient Taxa (Little 1971)



Pinus durangensis



Picea chihuahuana (Ledig et al. 2000, via Earle 2023)

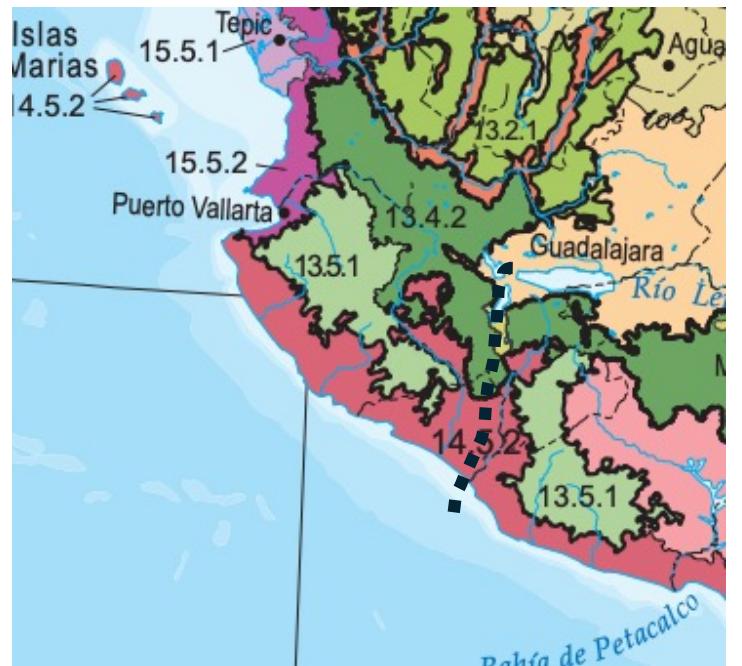
Figure S14

SW Jalisco / Sur-Oeste Jalisco

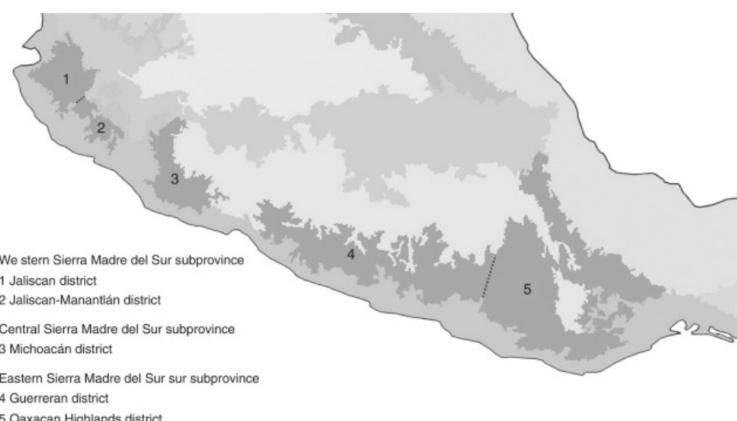
Figure S15



This region was separated based on a decent number of endemic taxa being present only in this region as well as from Morrone 2017. Revista Mexicana de Biodiversidad 88: 710–714 (map to the right->)



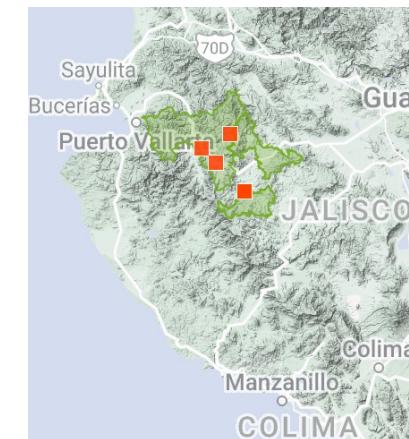
NA Level III Equivalents: 13.4.2, 13.5.1, west of dotted line



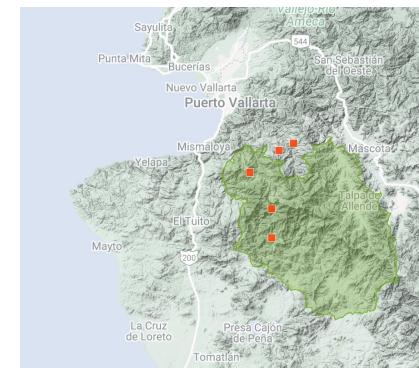
Example endemic and gradient Taxa (Earle 1997+, iNaturalist observations from Coniferas de Jalisco Project)



Pinus jaliscana

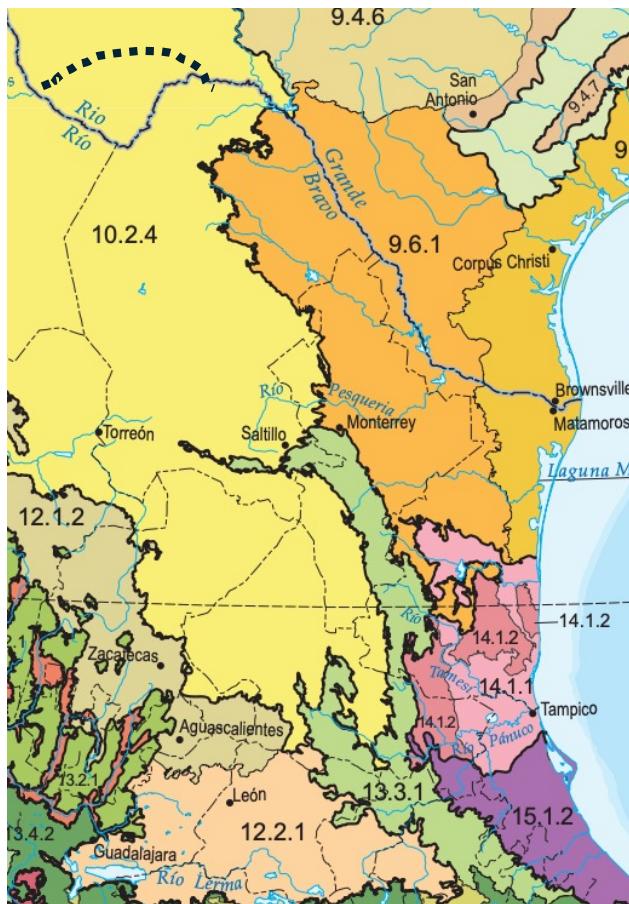
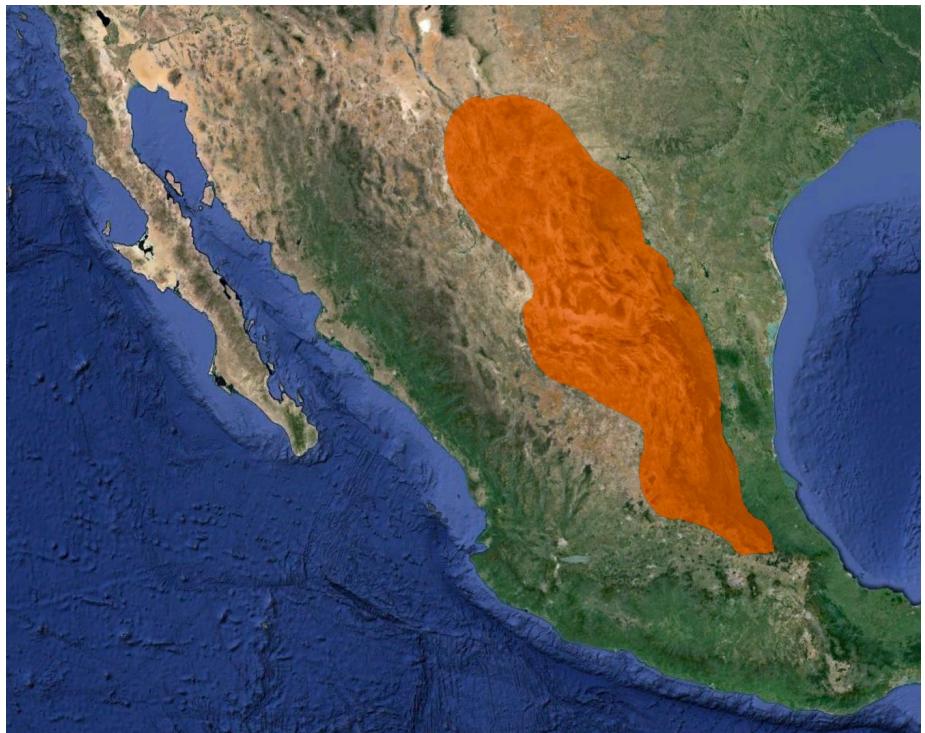


Pinus georginae



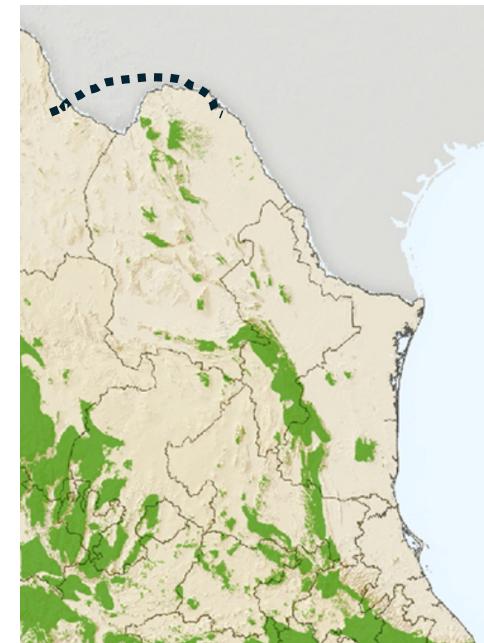
Juniperus jaliscana

Sierra Madre Oriental

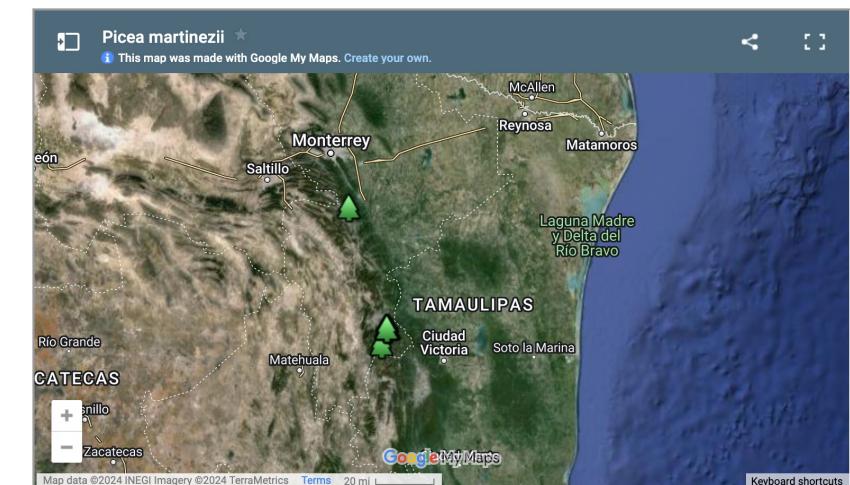


NA Level III Equivalents: 13.3.1, also includes mountains within 10.2.4 and 9.6.1, and Chisos Mountains in Texas. See more fine scale Conabio Map from Comision Nacional Para Concimiento y Uso de la Biodiversidad on to the right of ecoregions map
(https://www.biodiversidad.gob.mx/media/1/ecosistemas/files/EcosistemasMx_extensionDistribucion.pdf).

Example endemic Taxa (Little 1971; Earle 1999+)



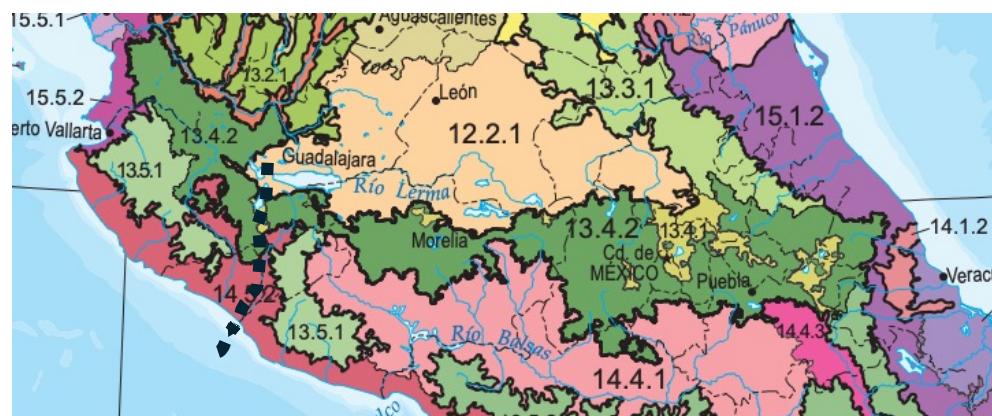
Pinus nelsonii



Picea martinezii

Figure S16

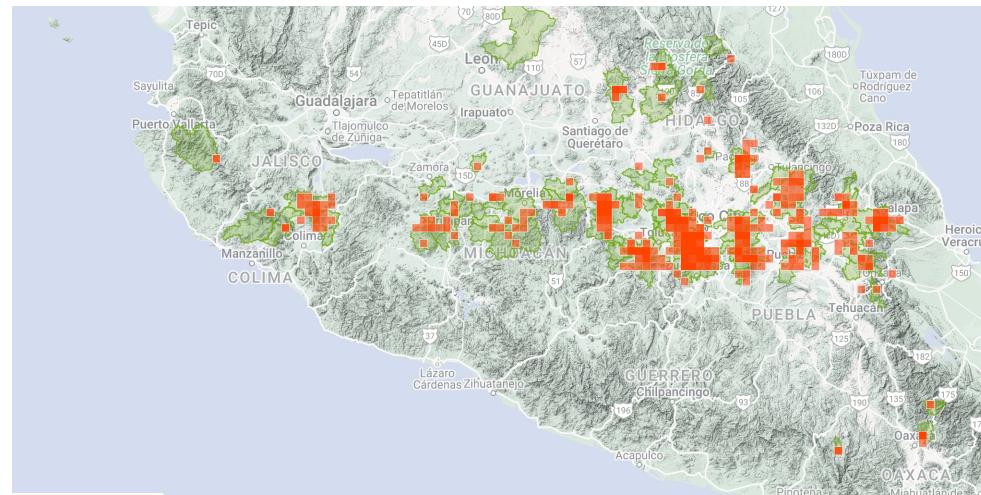
Trans-volcanics



NA Level III Equivalents: 13.4.2 east of dotted line

Figure S17

Example gradient Taxa



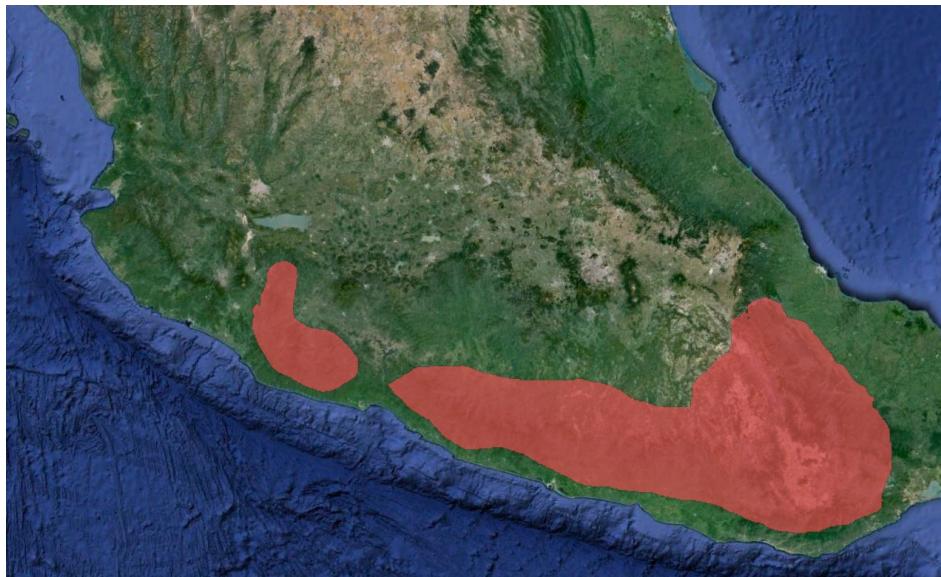
Abies religiosa



Pinus hartwegii

Sierra Madre del Sur

Figure S18



NA Level III Equivalents: 13.5.1 east of dotted line and 13.5.2

Example gradient taxa



Pinus pseudostrobus

Collection localities

Approximate limits

Pinus douglasiana

Collection localities

Approximate limits

I - Distrito Federal
2 - Morelos

Pinus pseudostrobus



Abies guatemalensis

This map was made with Google My Maps. Create your own.

Google My Maps

Map data ©2024 Google, INEGI Imagery ©2024 TerraMetrics Terms 200 mi L

Keyboard shortcuts

Chiapas - Central America



Example gradient Taxa



Figure S19

Caribbean

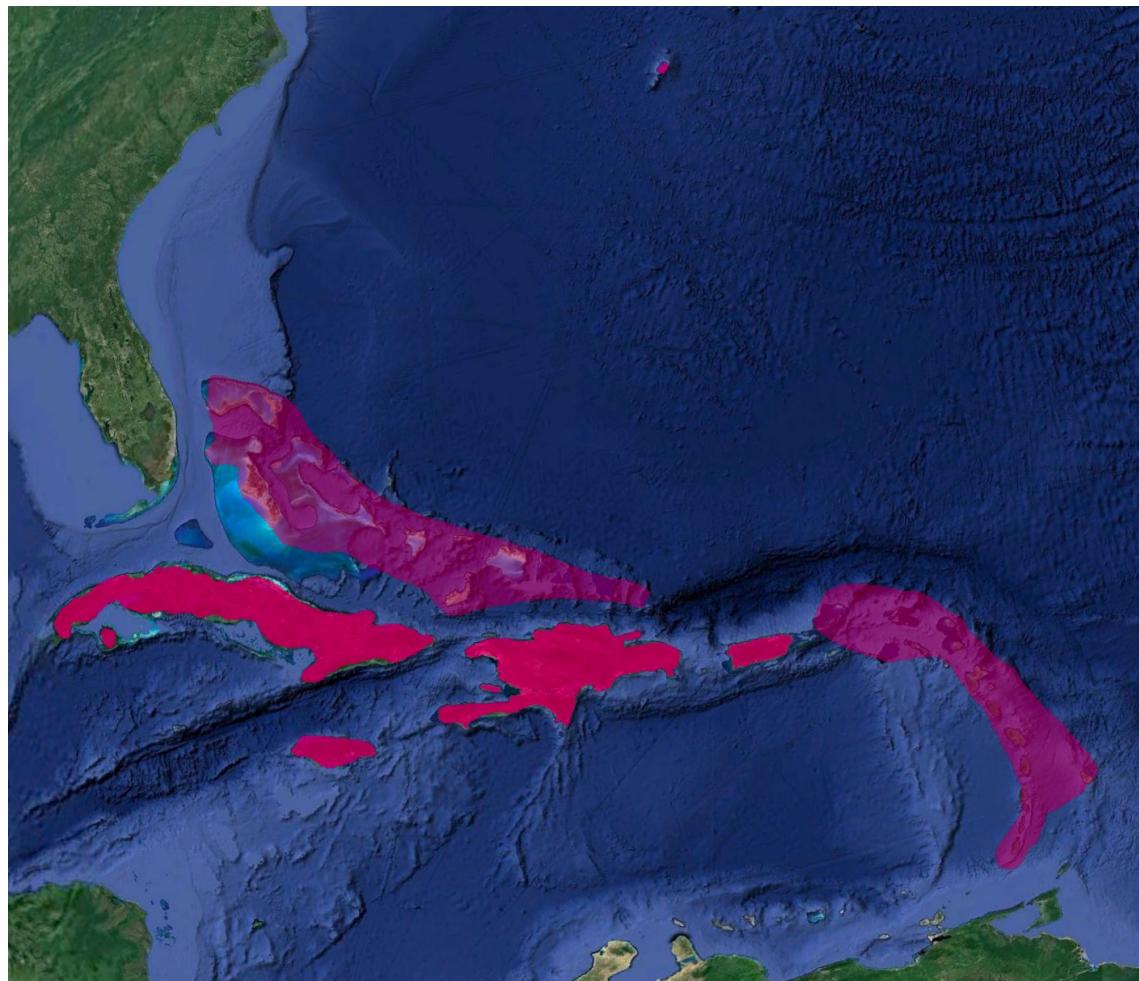


Figure S20

Example endemic Taxa



Native Caribbean *Podocarpus* spp. Figure directly from Earle (1997+) at Conifers.org. These data are in turn from Mill (2015).



Pinus cubensis, figure from Earle (1997+) based off of Farjon and Styles (1997)

Plains Junipers Rationale



Figure S21