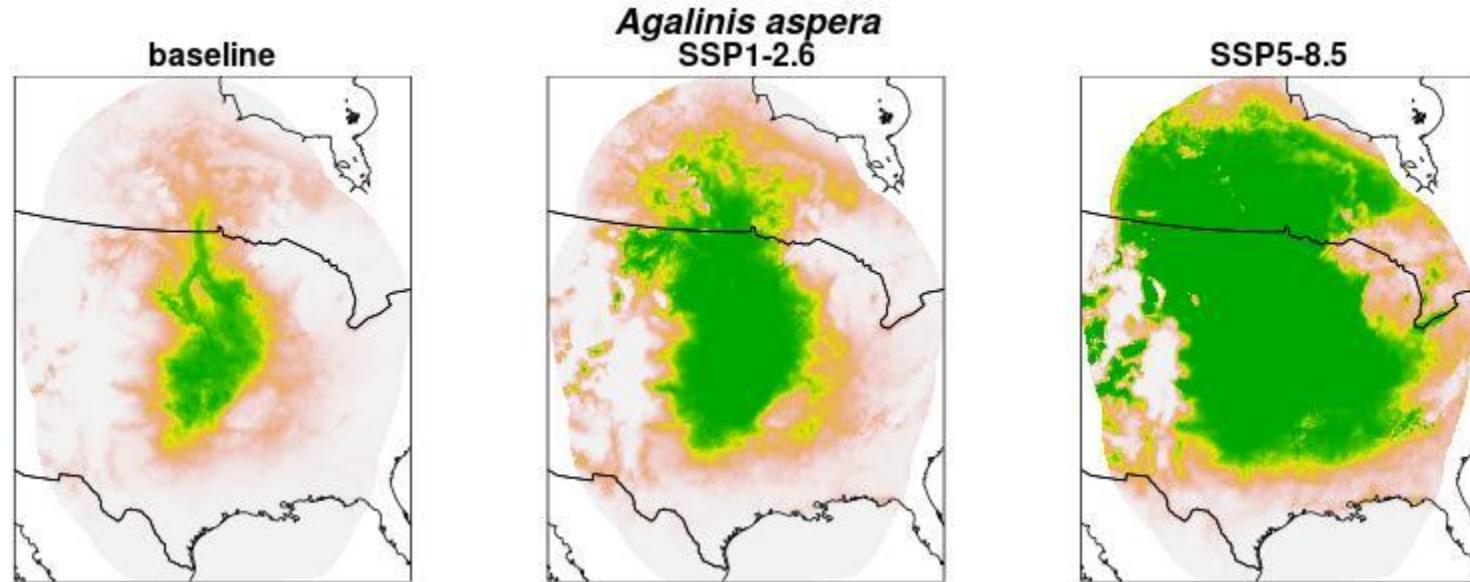
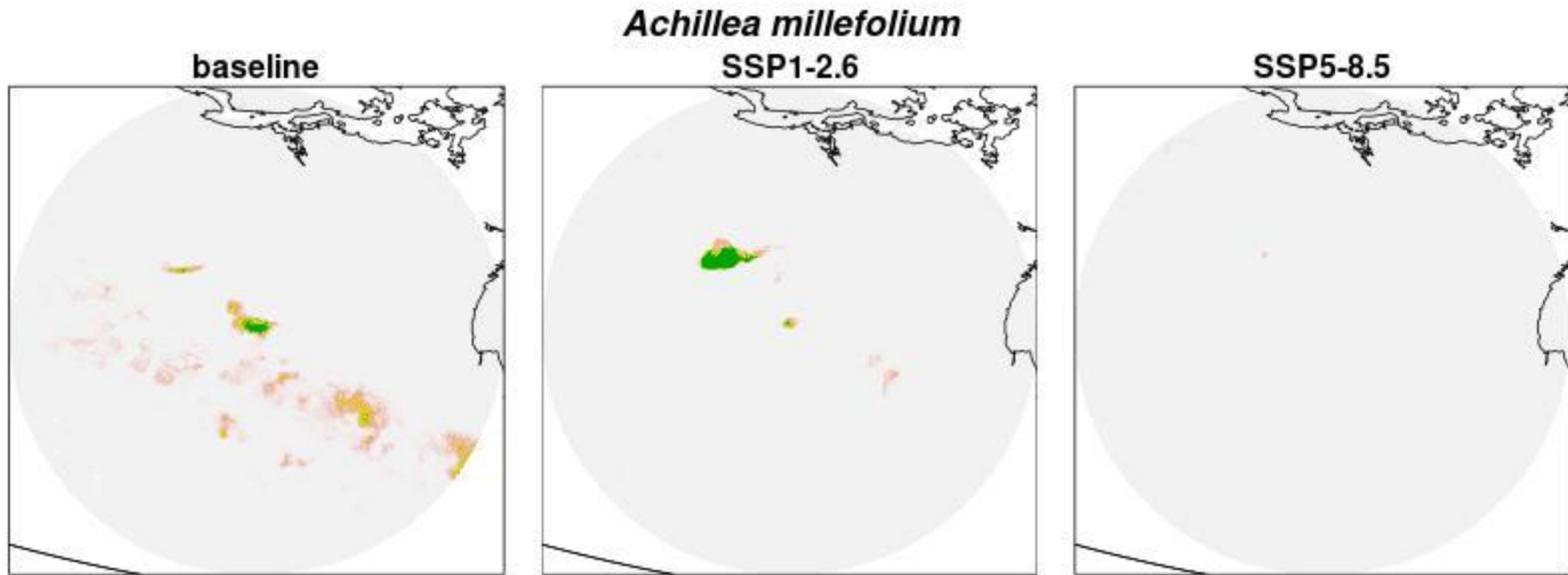
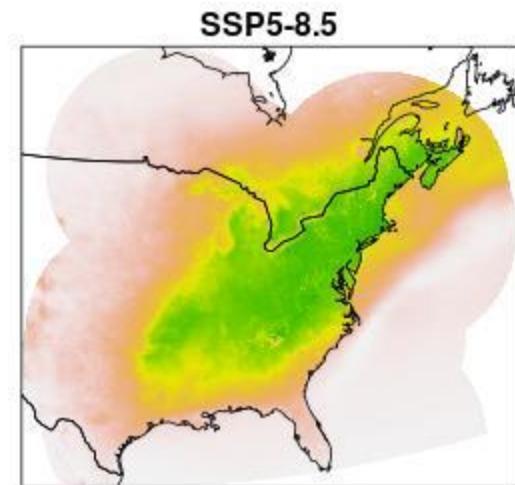
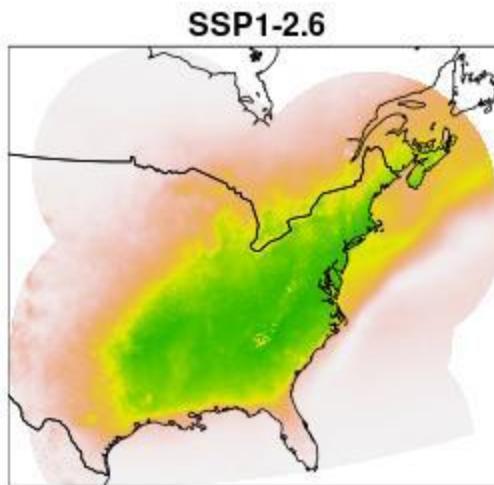
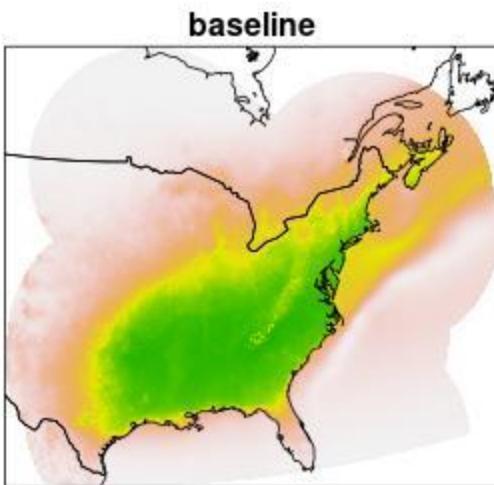


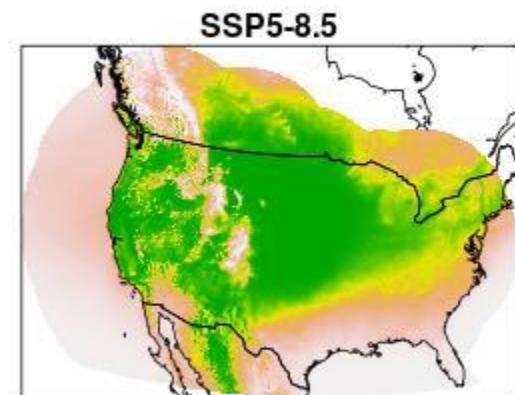
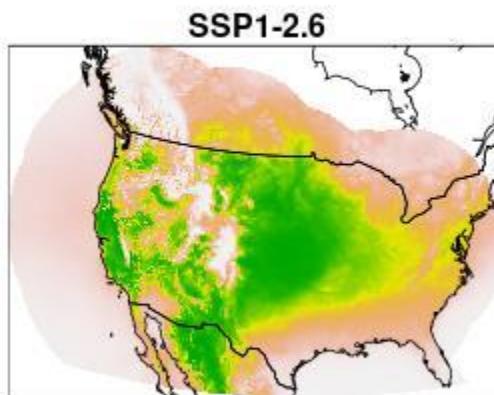
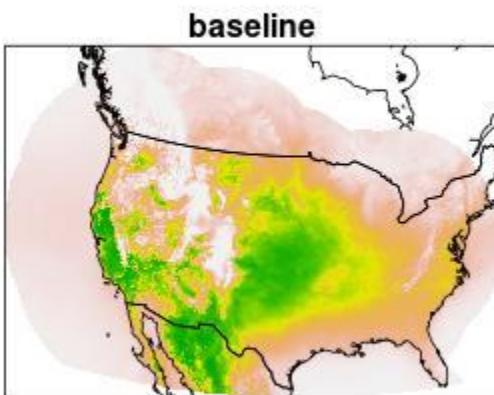
**Online supplement 1.** Rasters of baseline and projected models for each species included in Chapter 4. Green regions represent areas of high climatic suitability; peach and grey indicate lower climatic suitability. Note that subspecific epithets have been truncated from the names of taxa modelled as the subspecies or variety level.



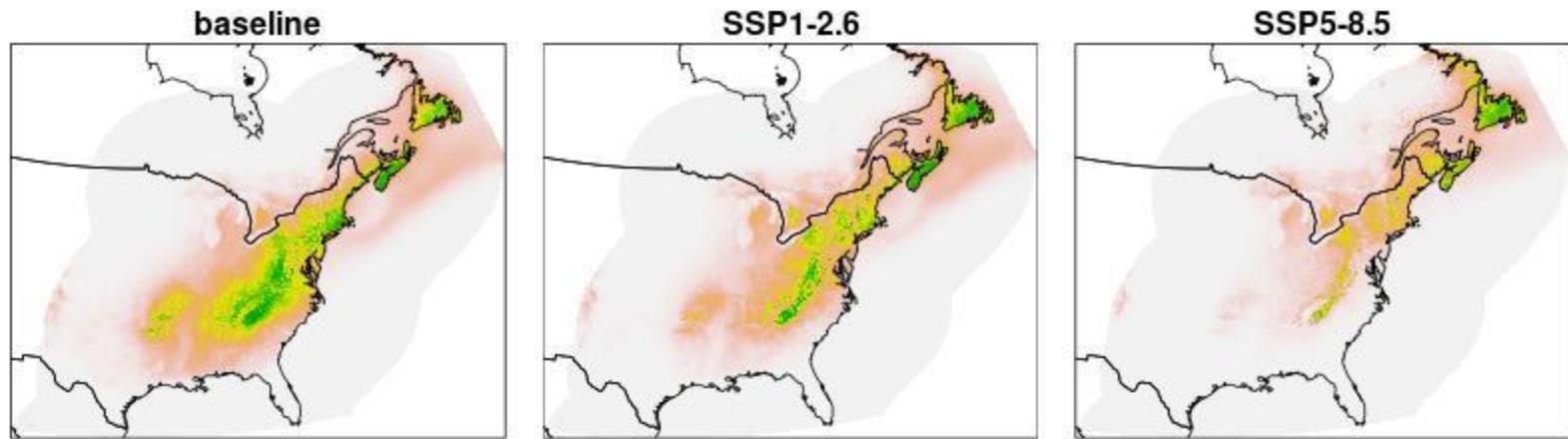
*Aletris farinosa*



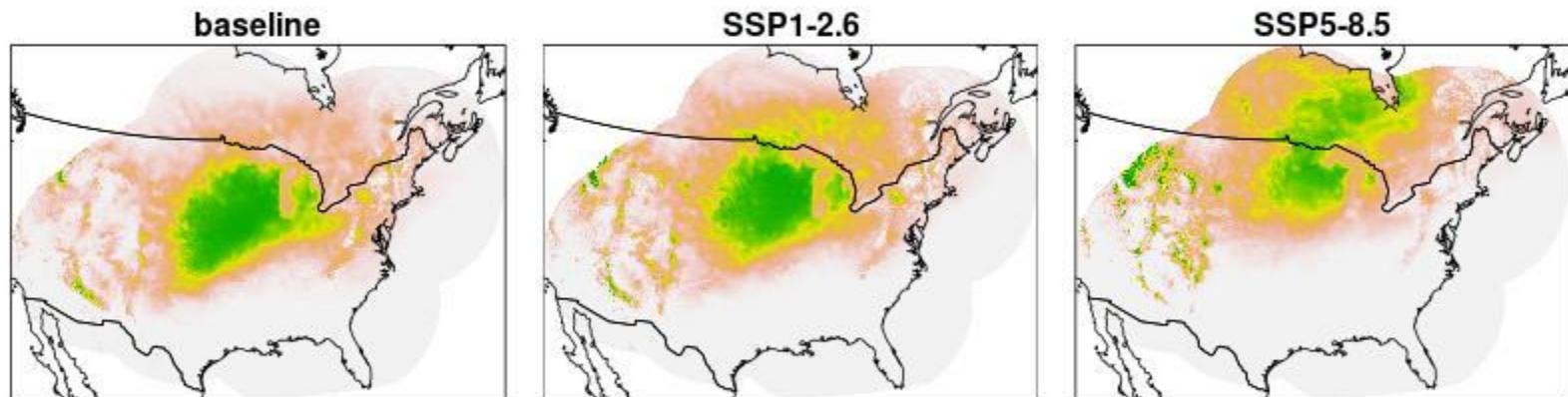
*Ammannia robusta*



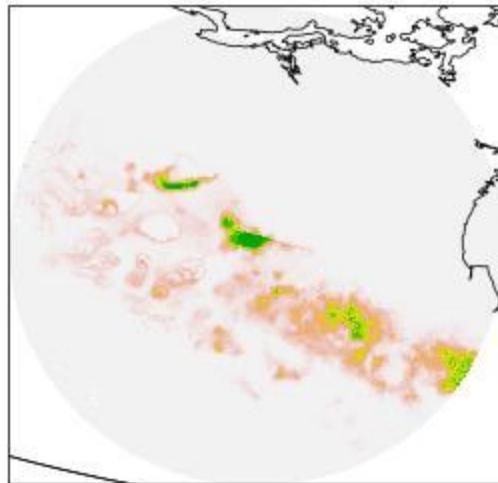
*Anzia colpodes*



*Aristida basiramea*

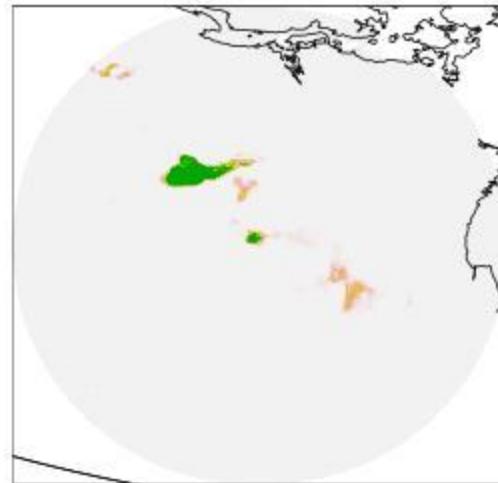


**baseline**

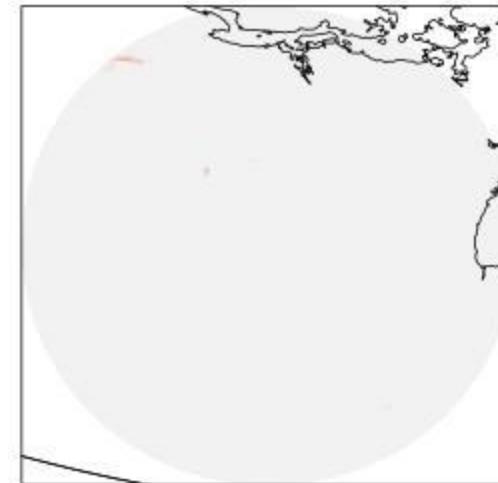


*Armeria maritima*

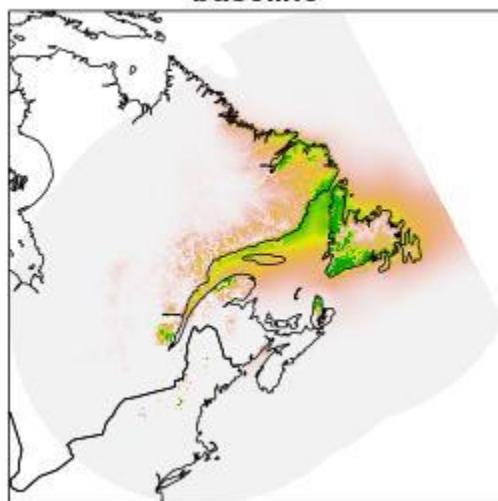
**SSP1-2.6**



**SSP5-8.5**

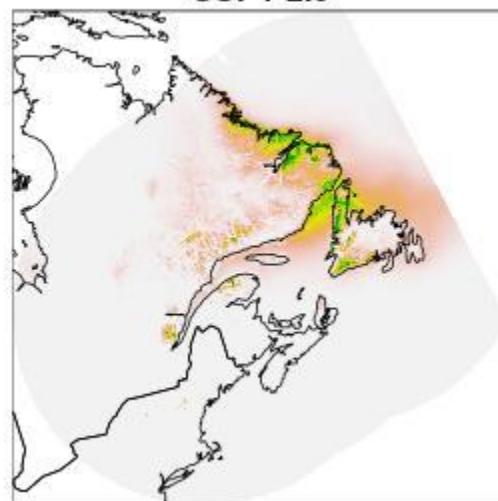


**baseline**

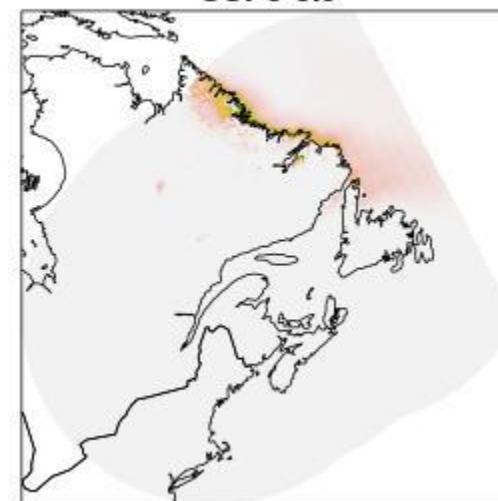


*Arnica griscomii*

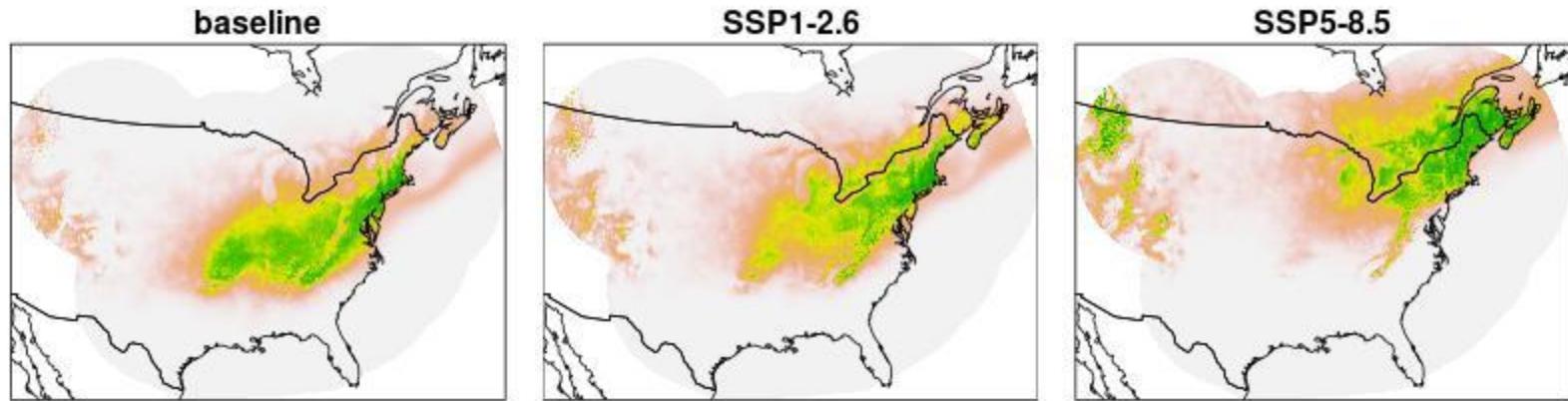
**SSP1-2.6**



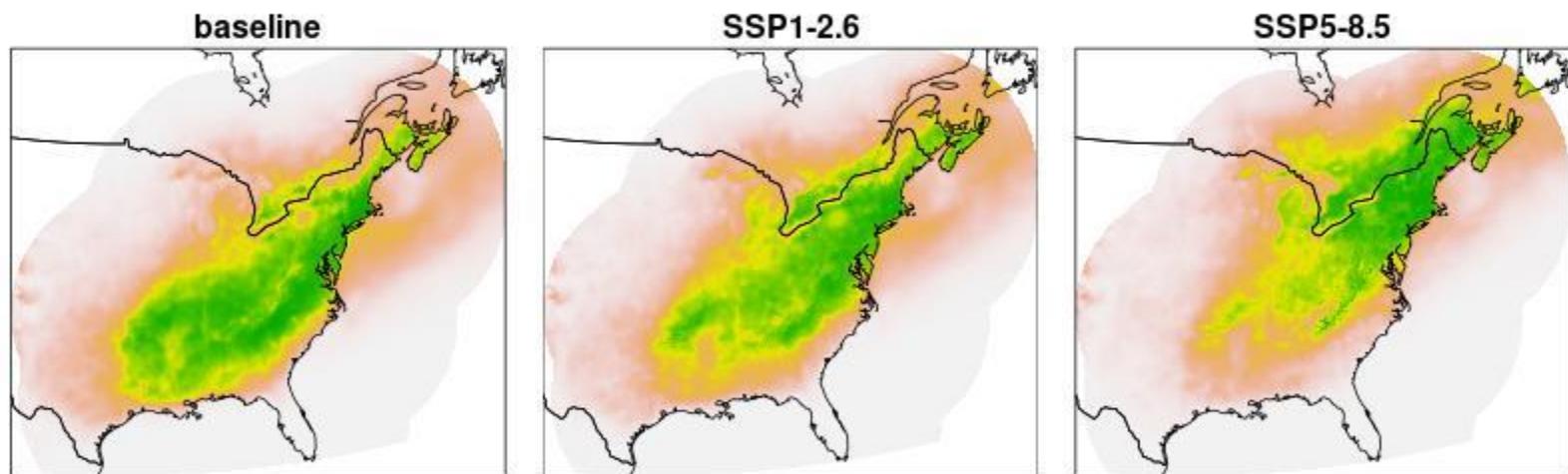
**SSP5-8.5**



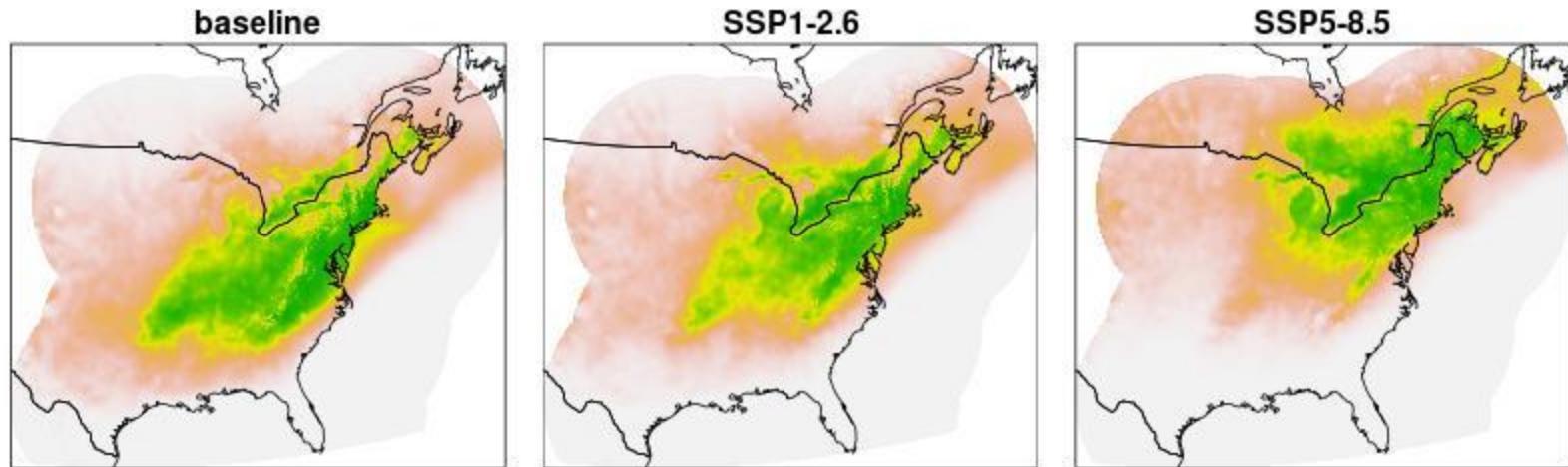
*Asclepias quadrifolia*



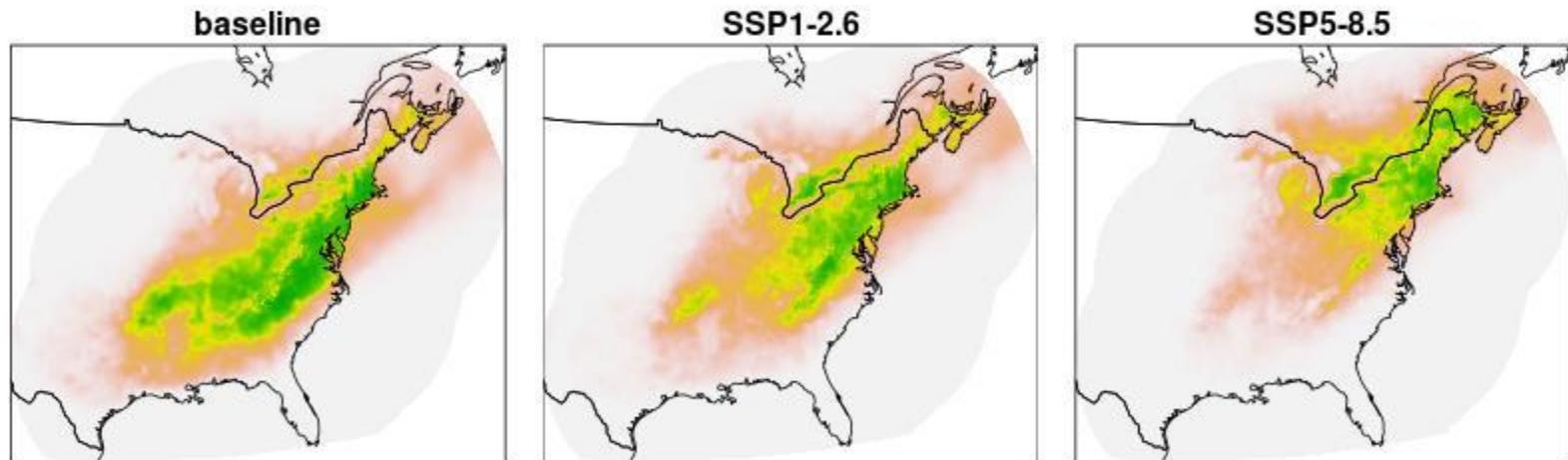
*Aureolaria flava*



*Aureolaria pedicularia*

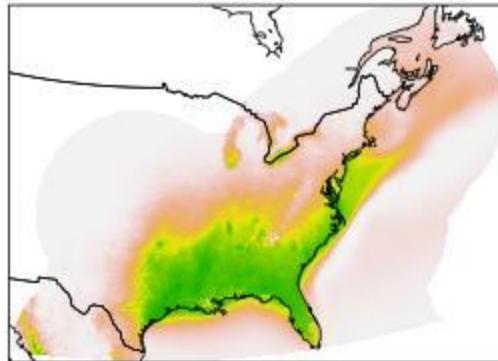


*Aureolaria virginica*

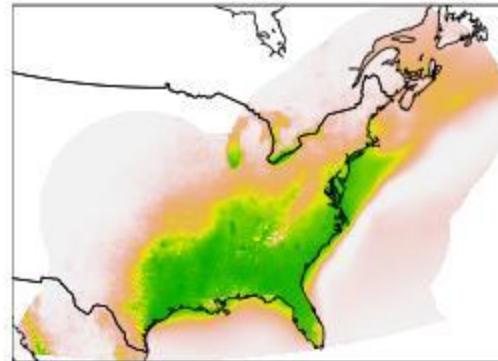


*Baccharis halimifolia*

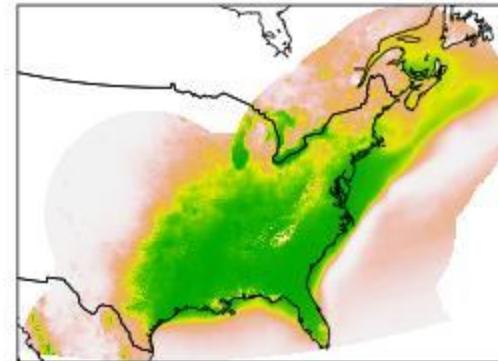
baseline



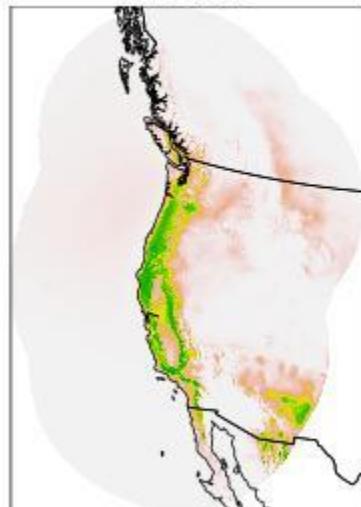
SSP1-2.6



SSP5-8.5

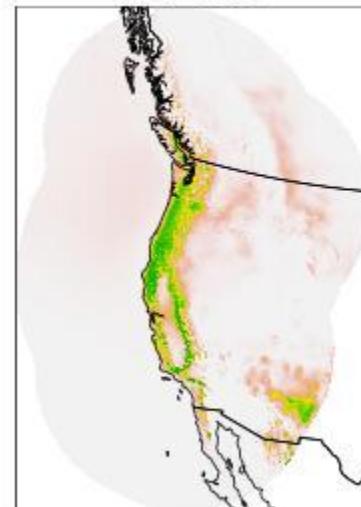


baseline

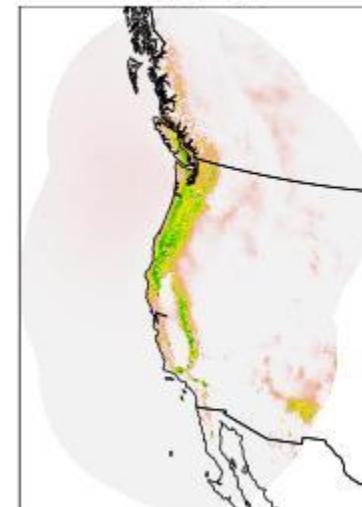


*Balsamorhiza deltoidea*

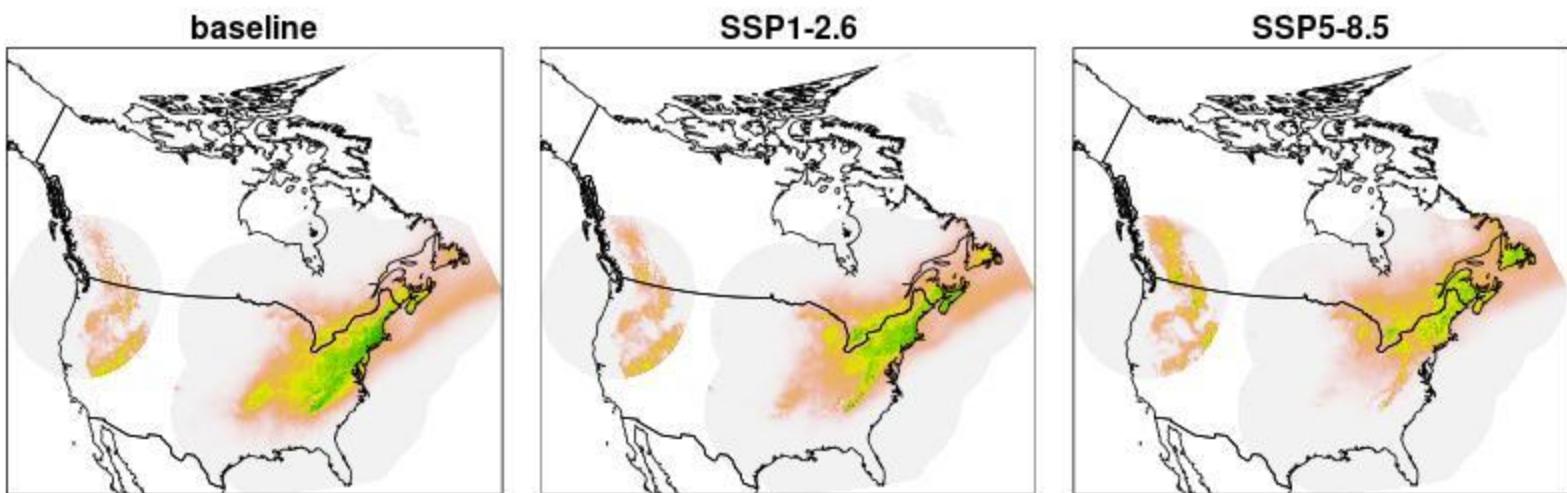
SSP1-2.6



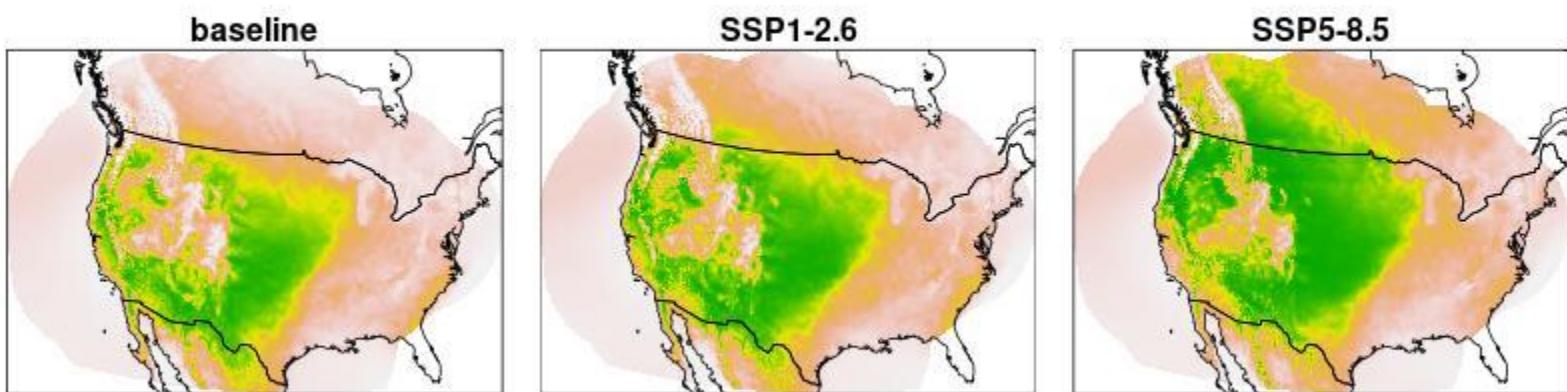
SSP5-8.5

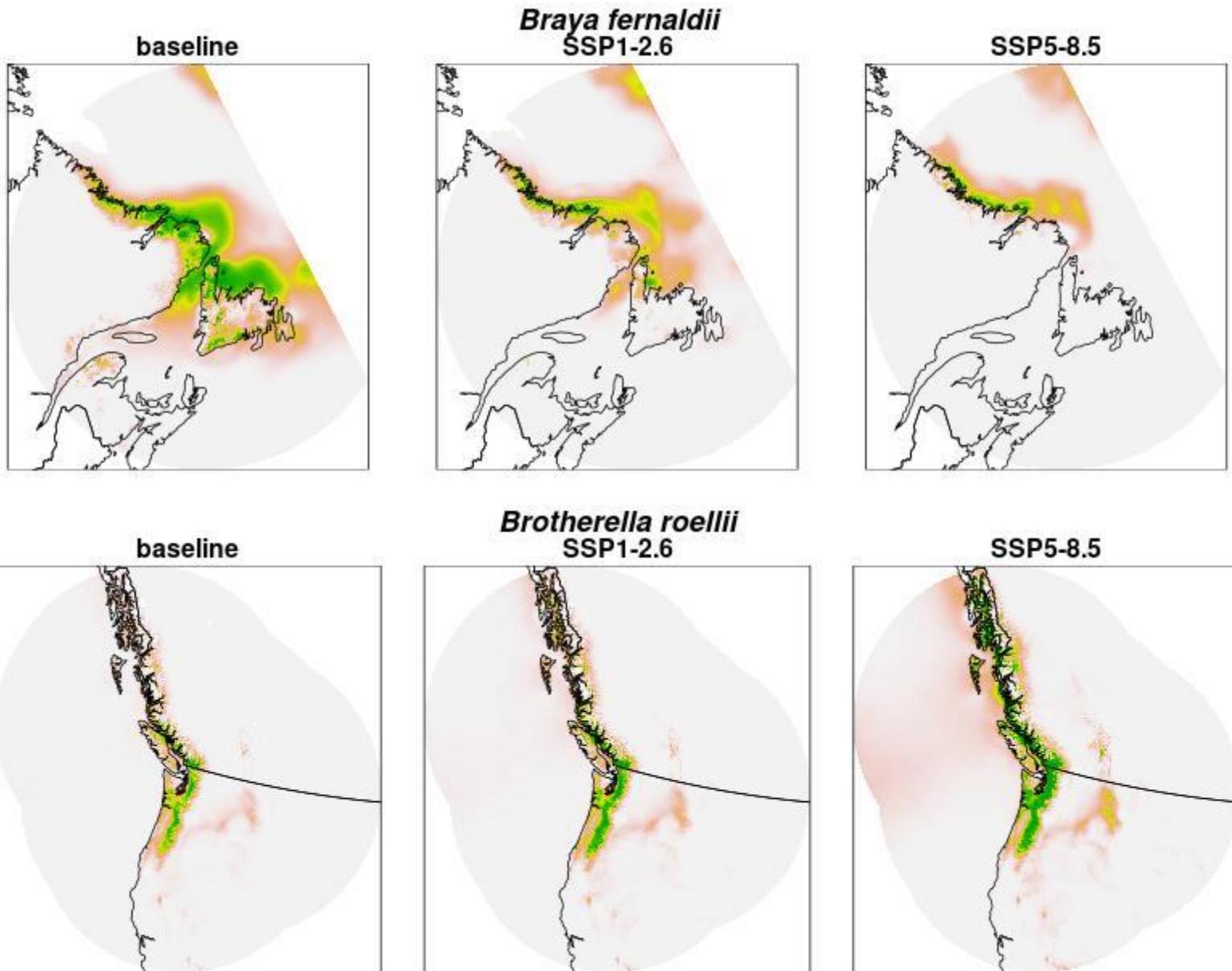


*Betula lenta*

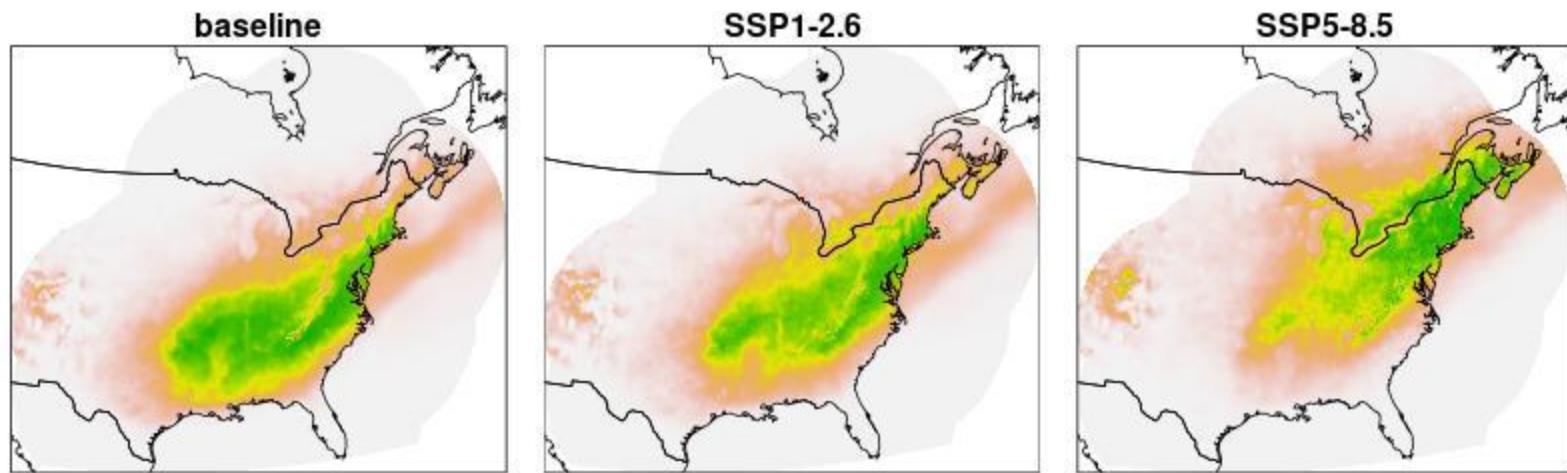


*Bouteloua dactyloides*

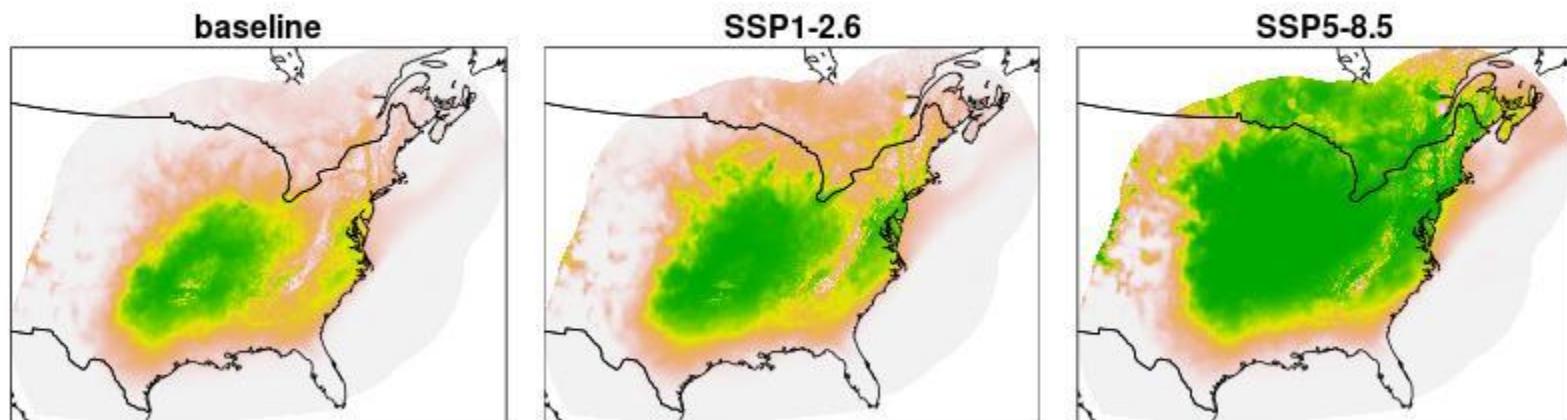


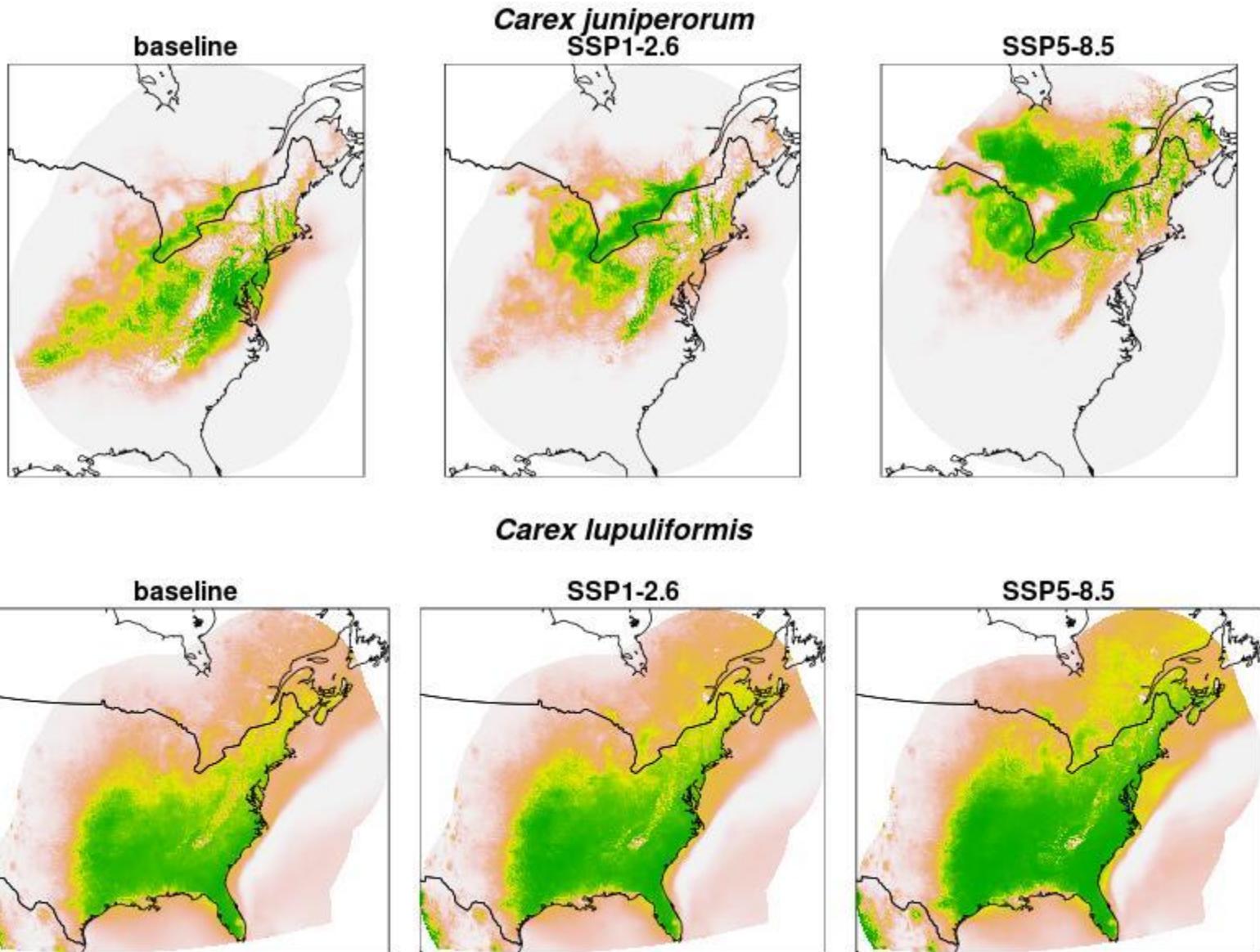


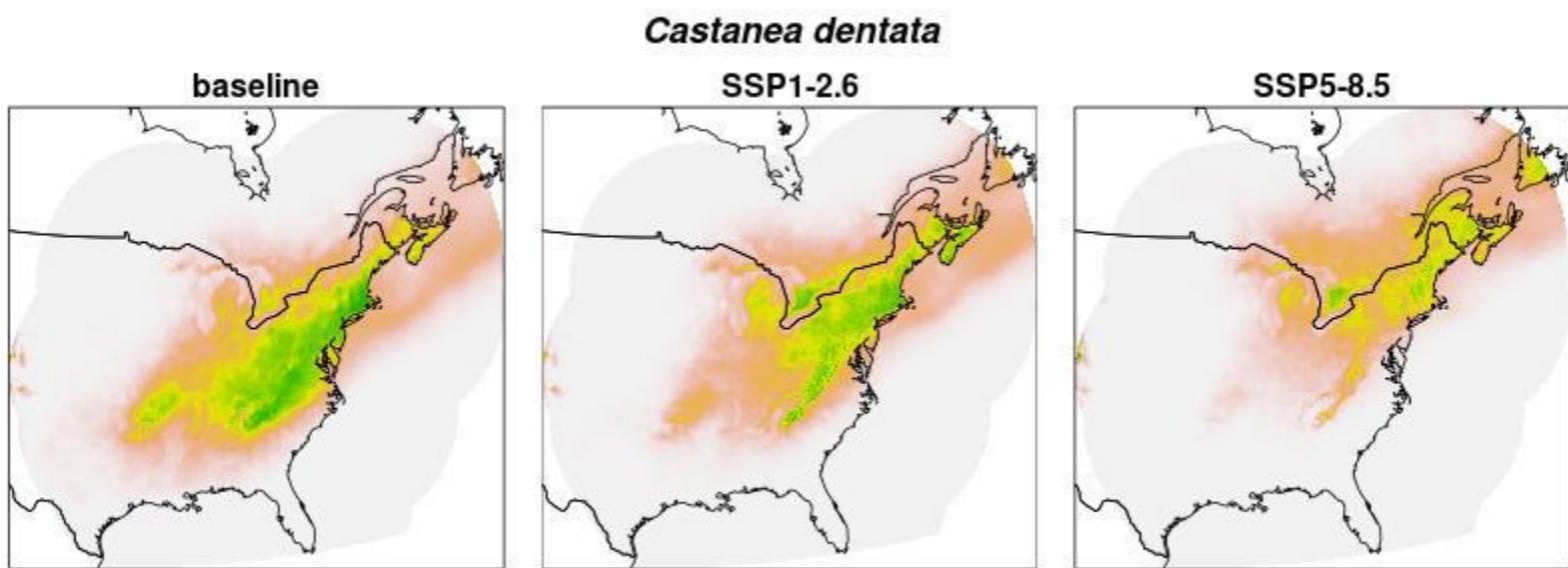
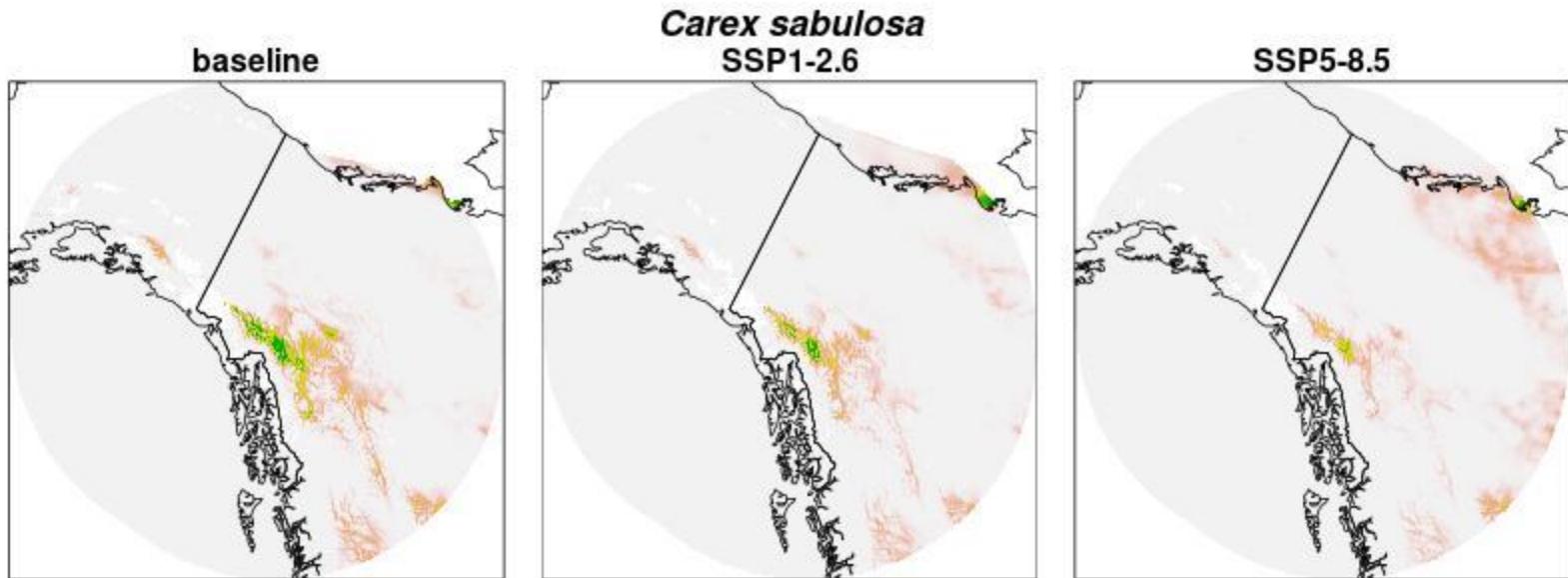
*Bryoandersonia illecebria*

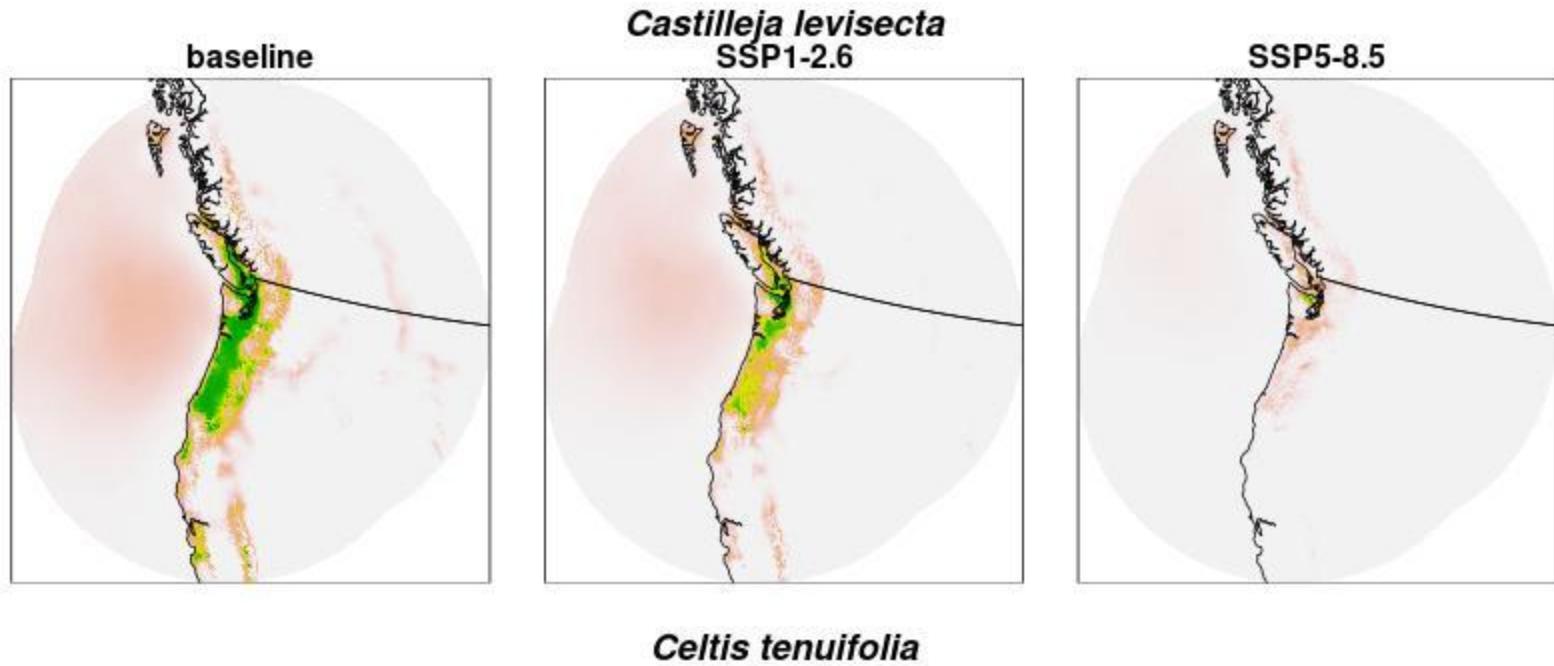


*Camassia esculenta*

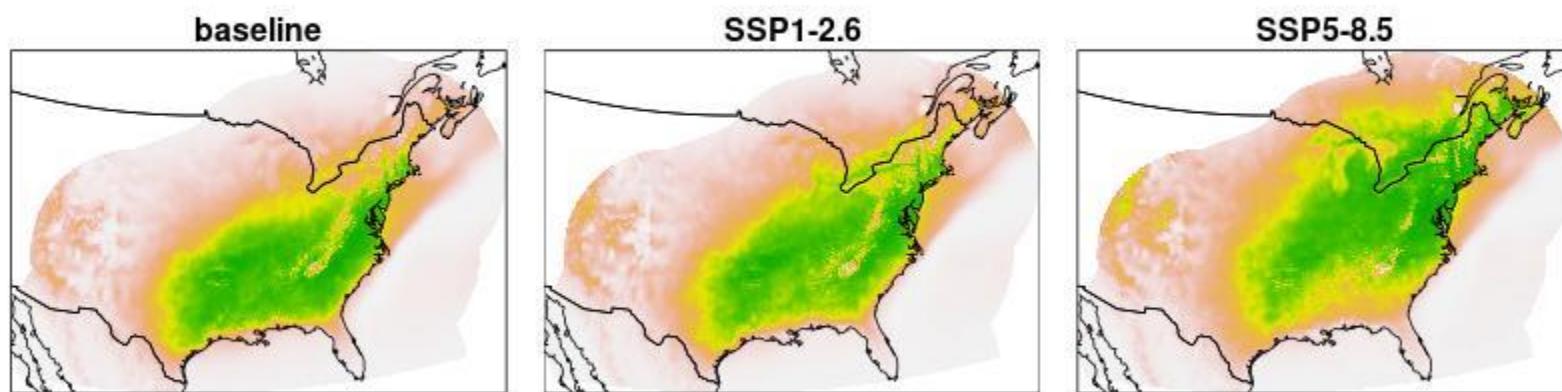




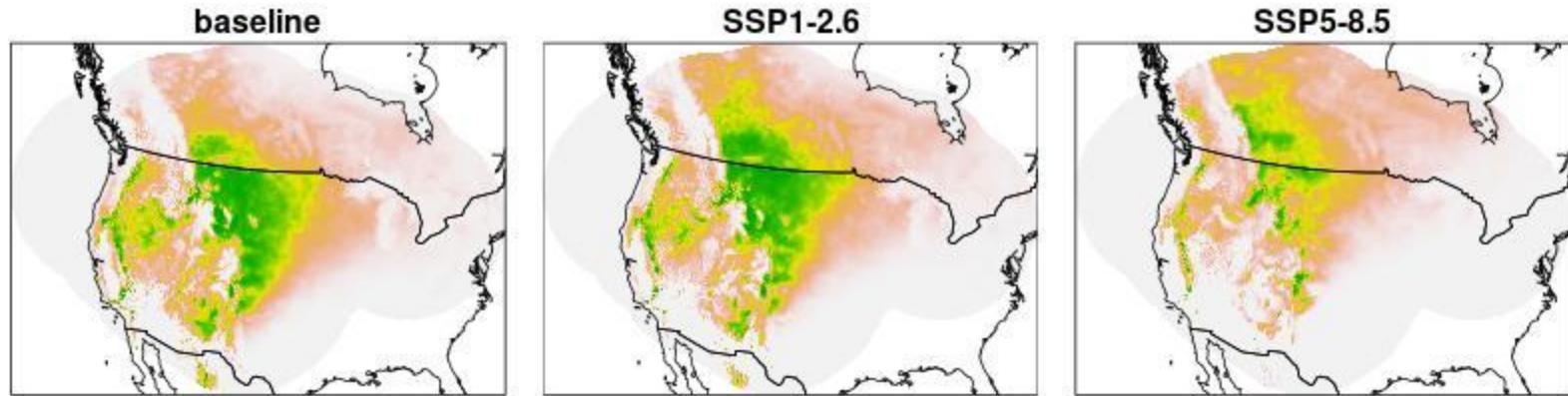




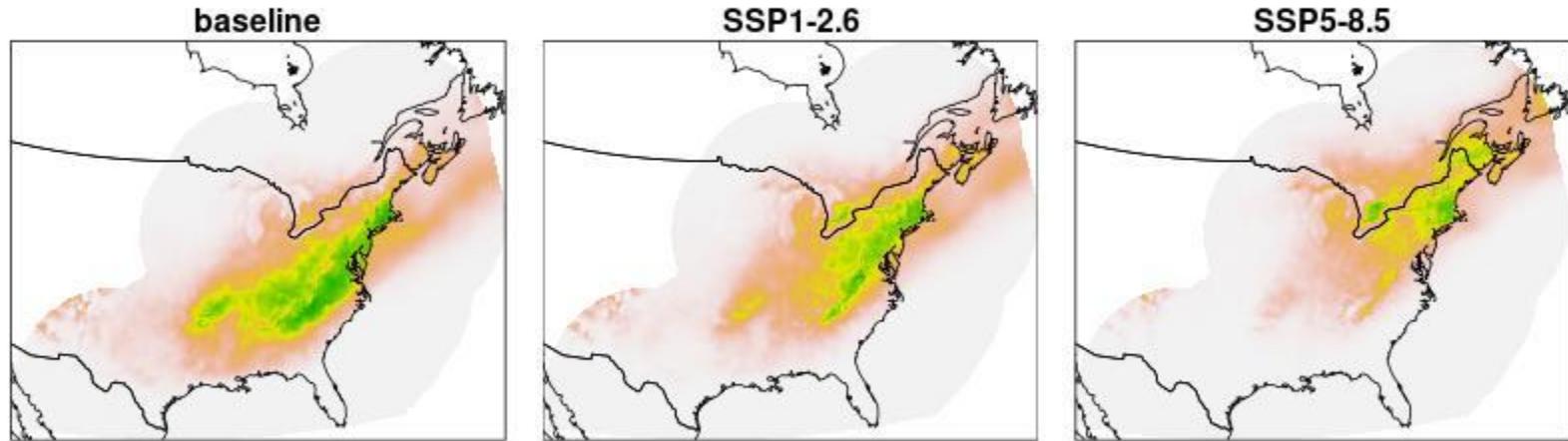
*Celtis tenuifolia*

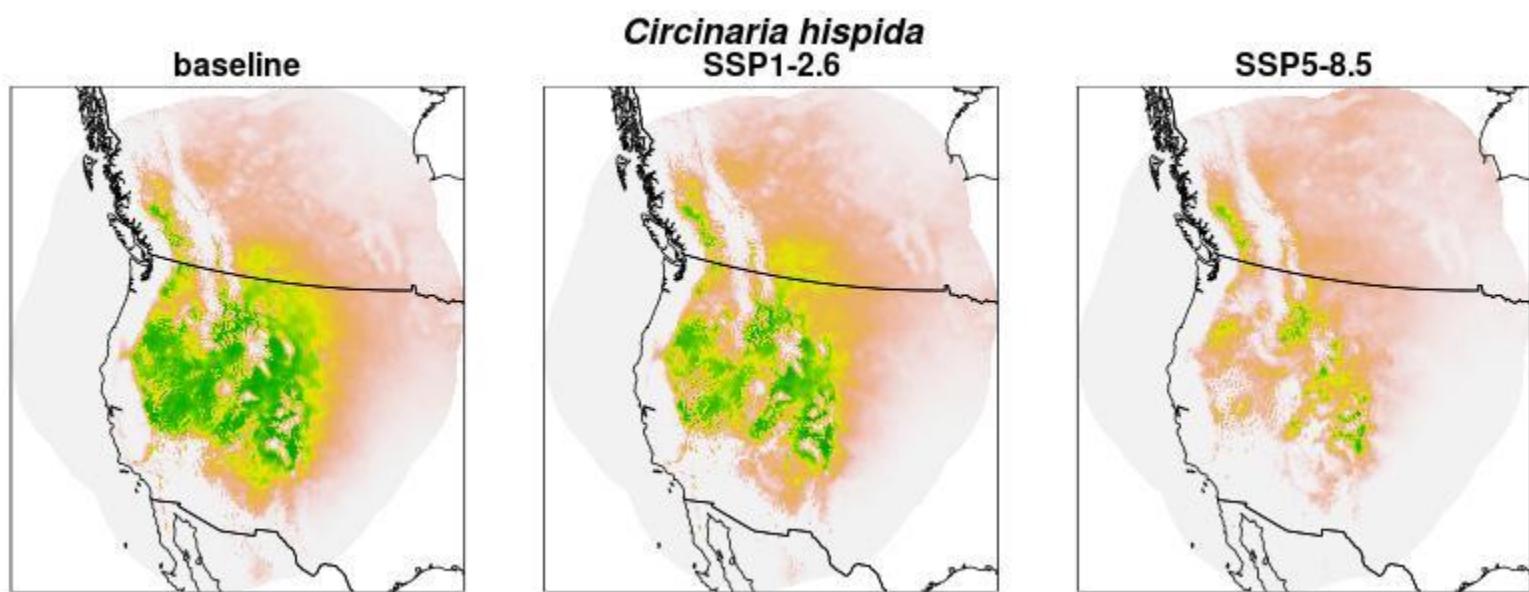
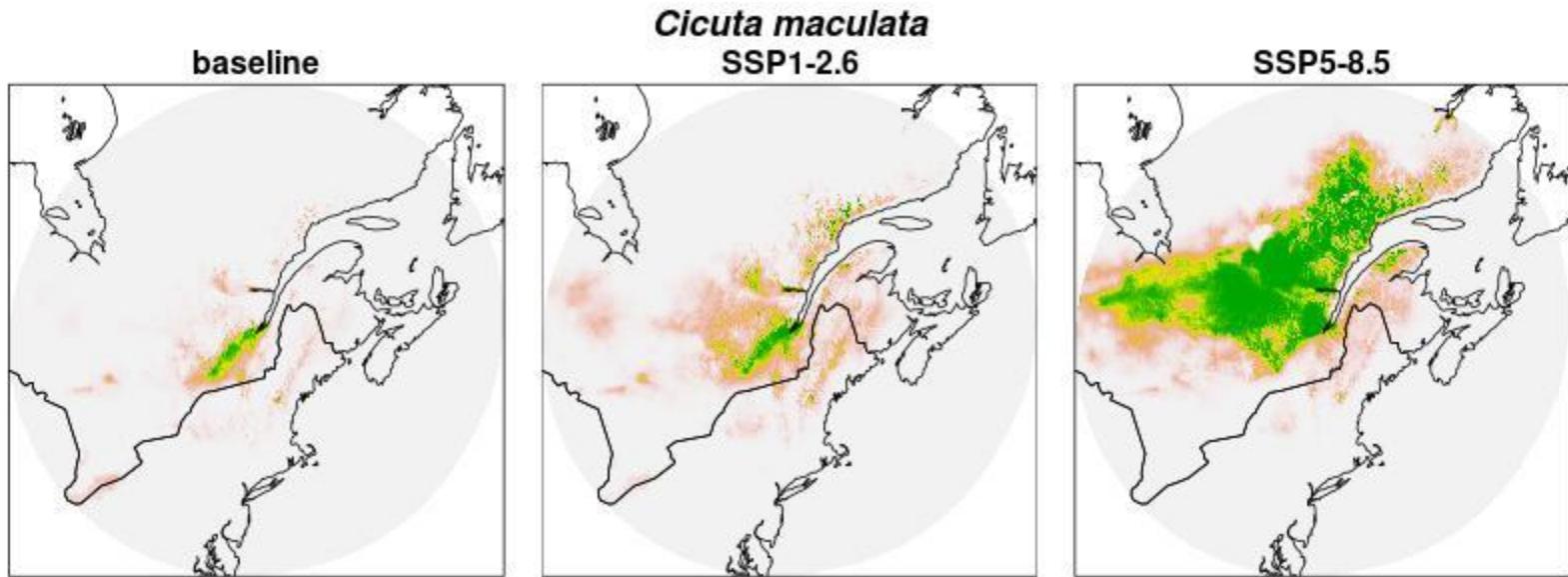


*Chenopodium subglabrum*

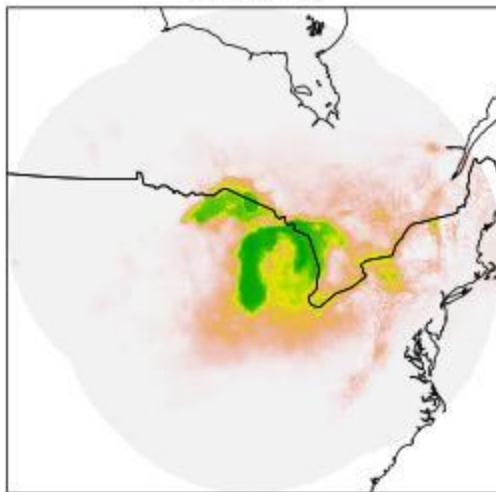


*Chimaphila maculata*



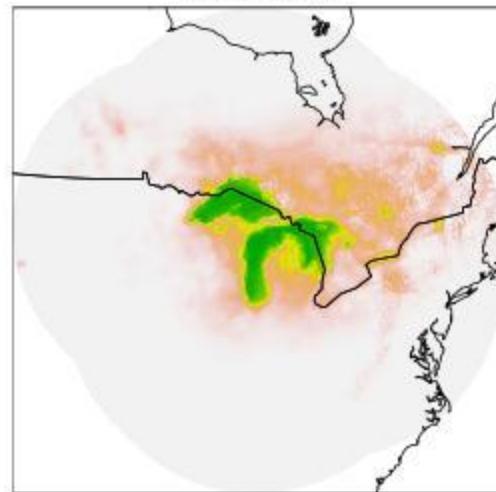


**baseline**

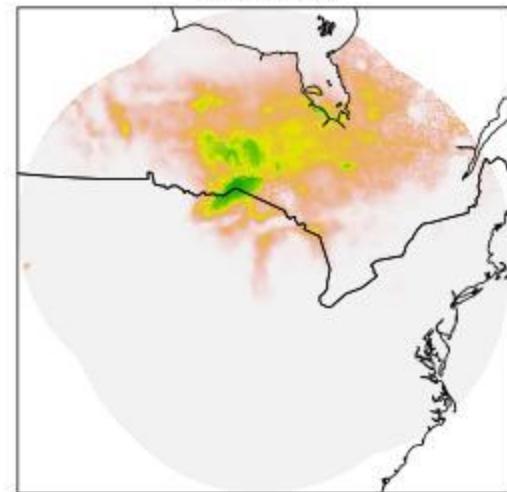


*Cirsium pitcheri*

**SSP1-2.6**

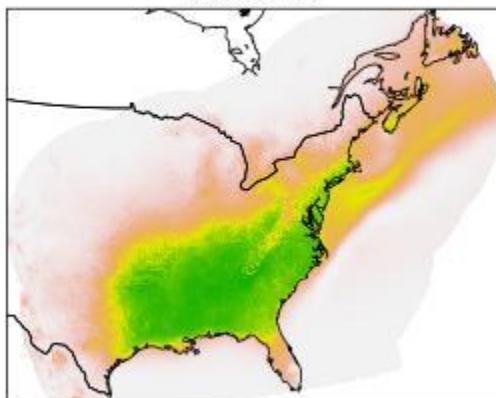


**SSP5-8.5**

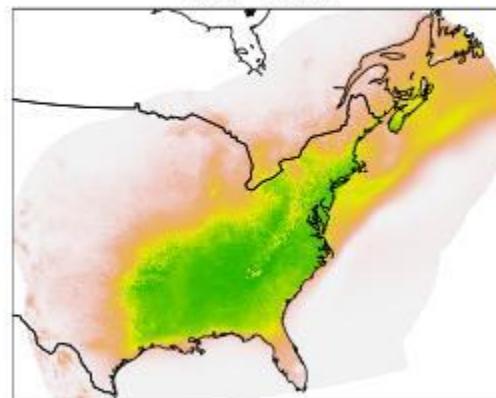


*Clethra alnifolia*

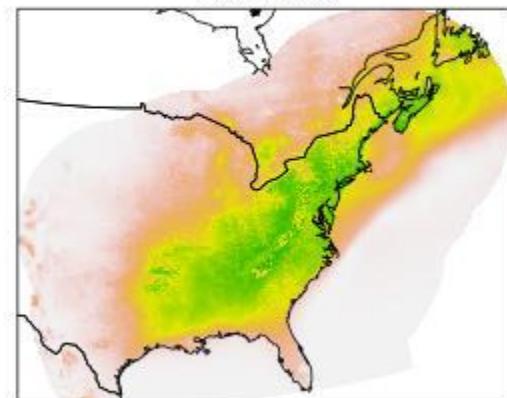
**baseline**

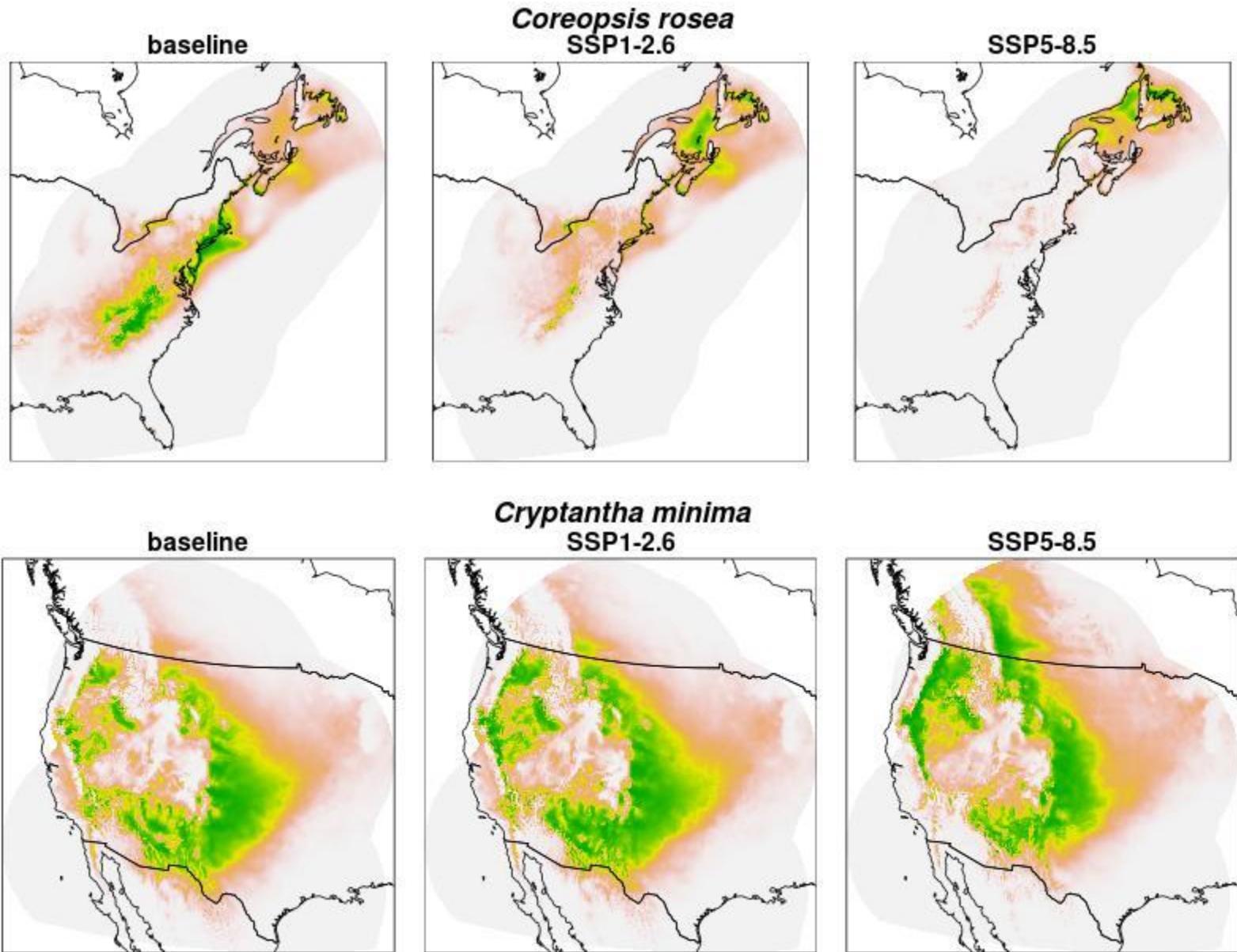


**SSP1-2.6**

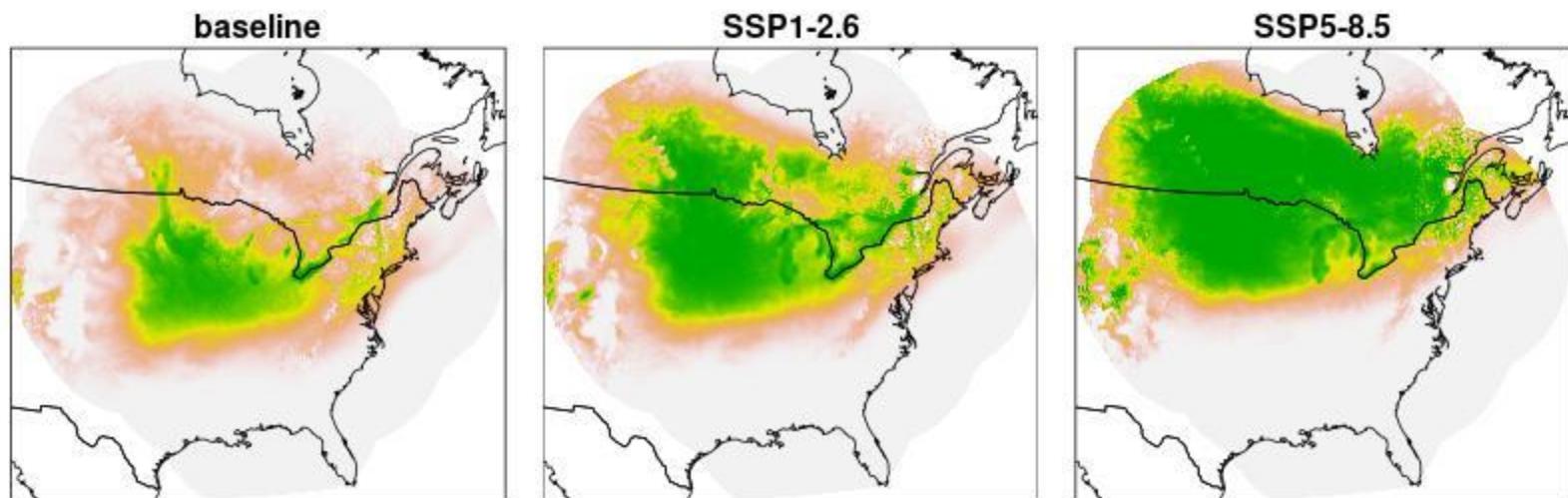


**SSP5-8.5**

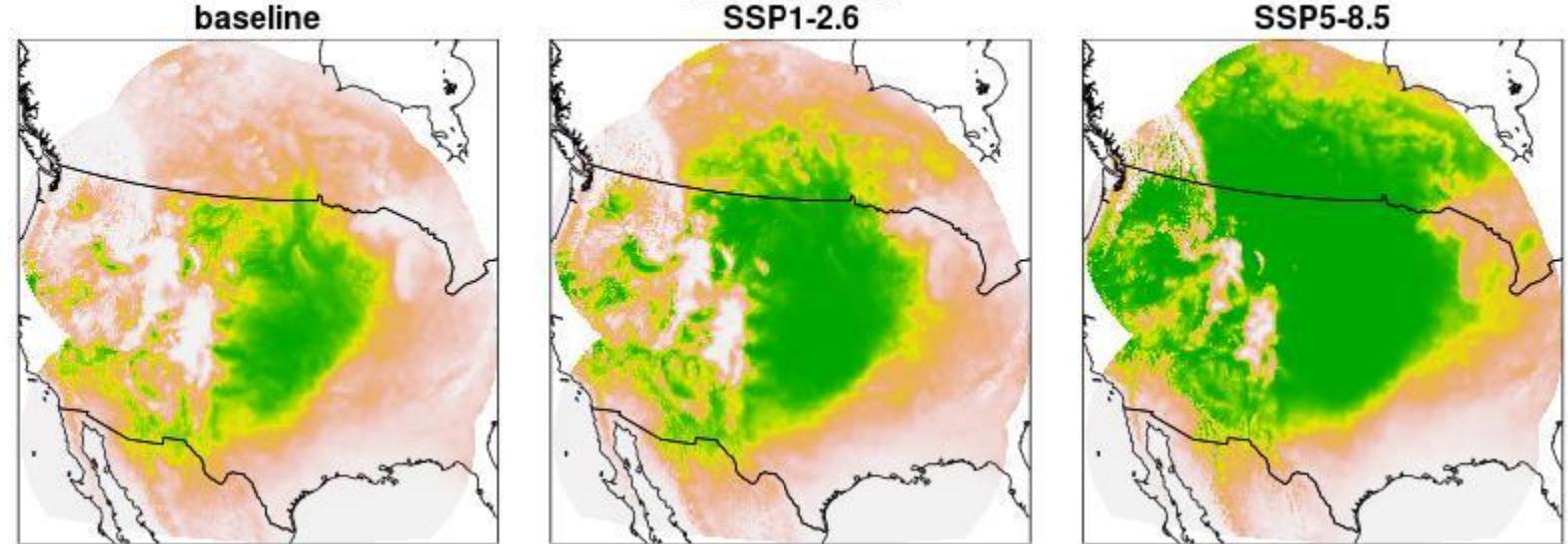




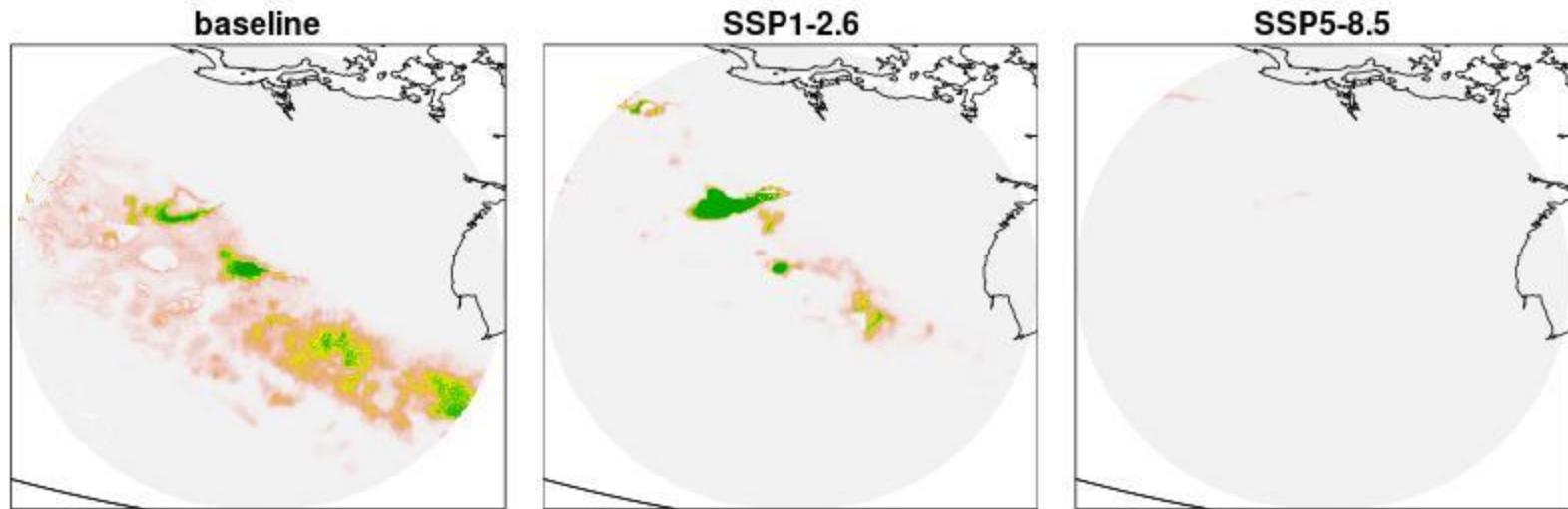
*Cypripedium candidum*



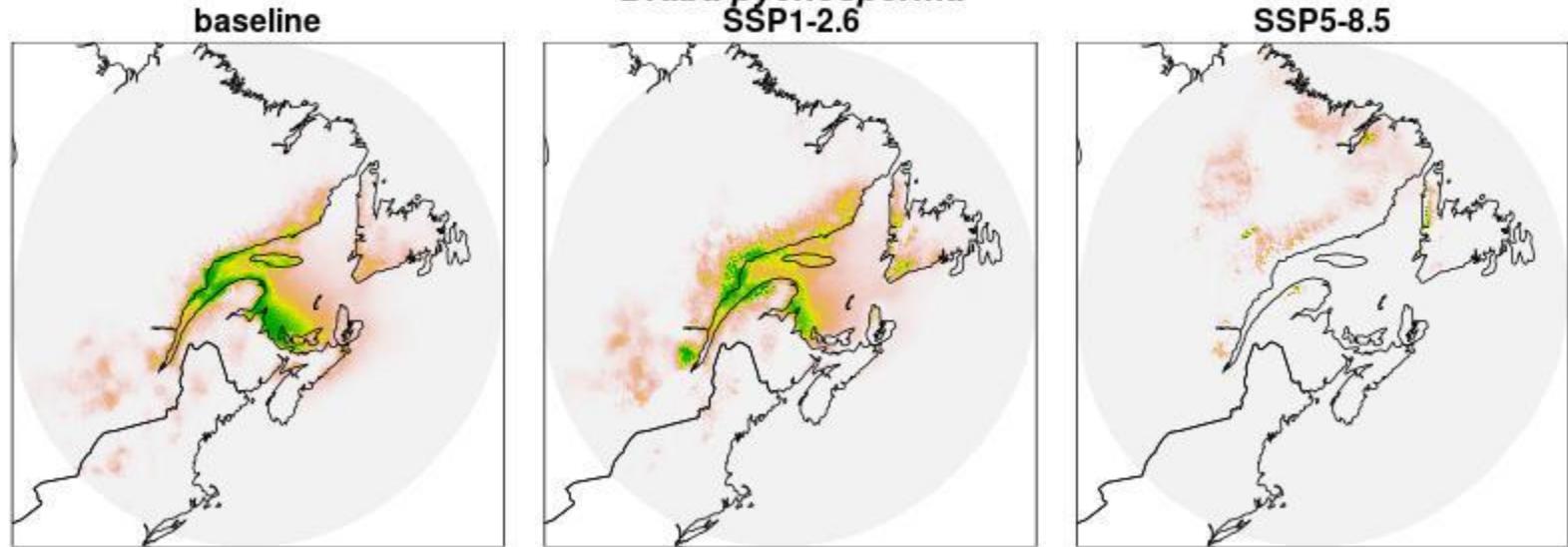
*Dalea villosa*  
SSP1-2.6



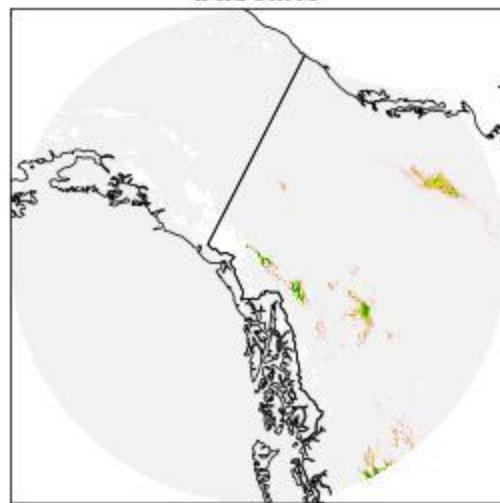
*Deschampsia mackenzieana*



*Draba pycnosperma*  
SSP1-2.6



**baseline**

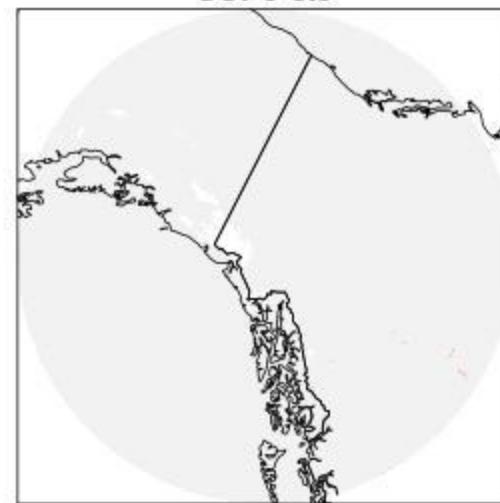


*Draba yukonensis*

**SSP1-2.6**

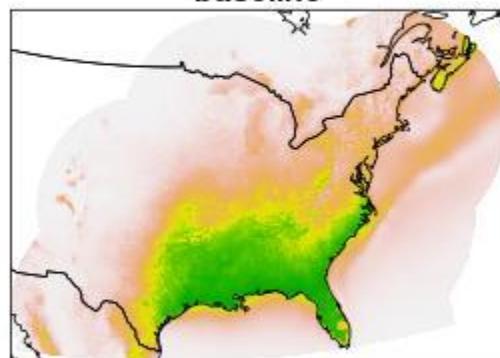


**SSP5-8.5**

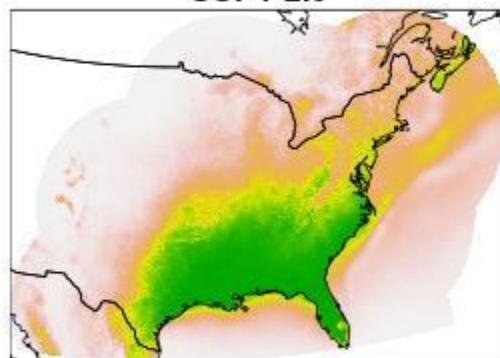


*Eleocharis equisetoides*

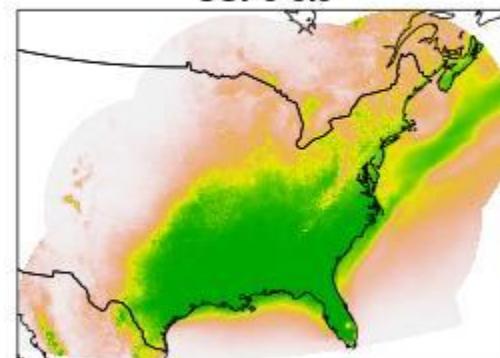
**baseline**



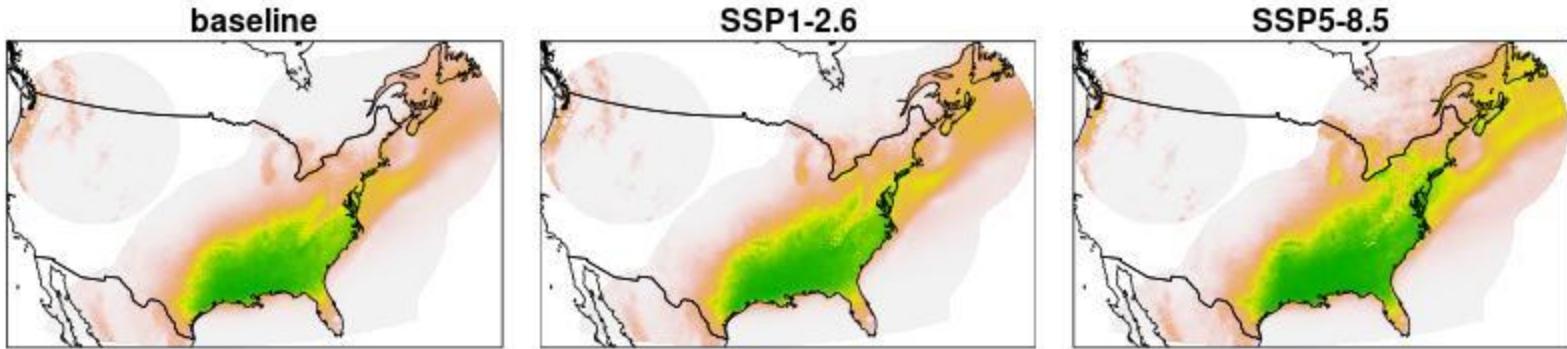
**SSP1-2.6**



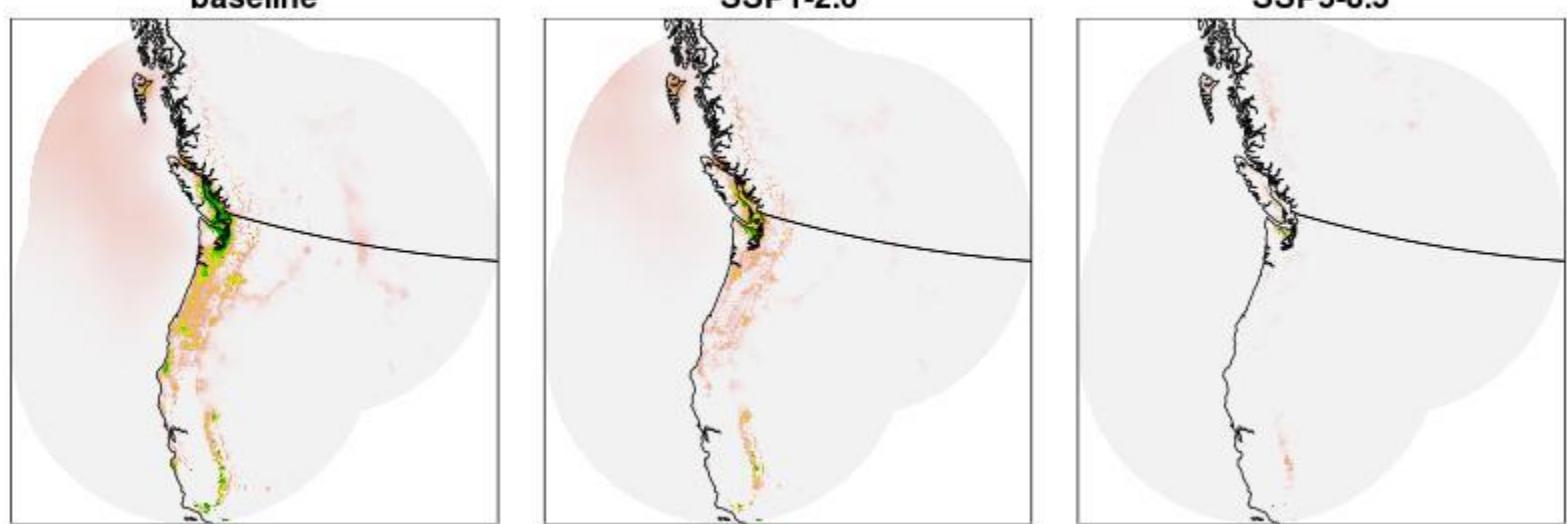
**SSP5-8.5**

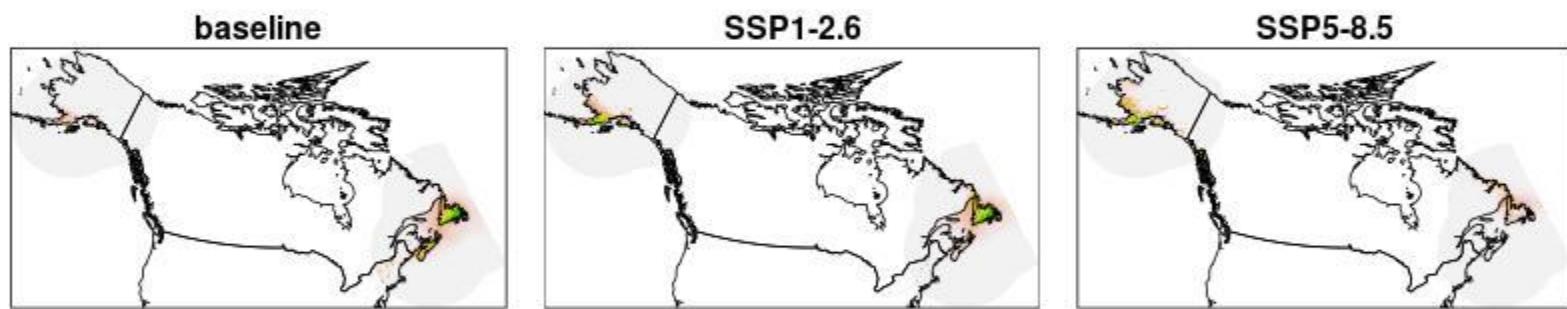
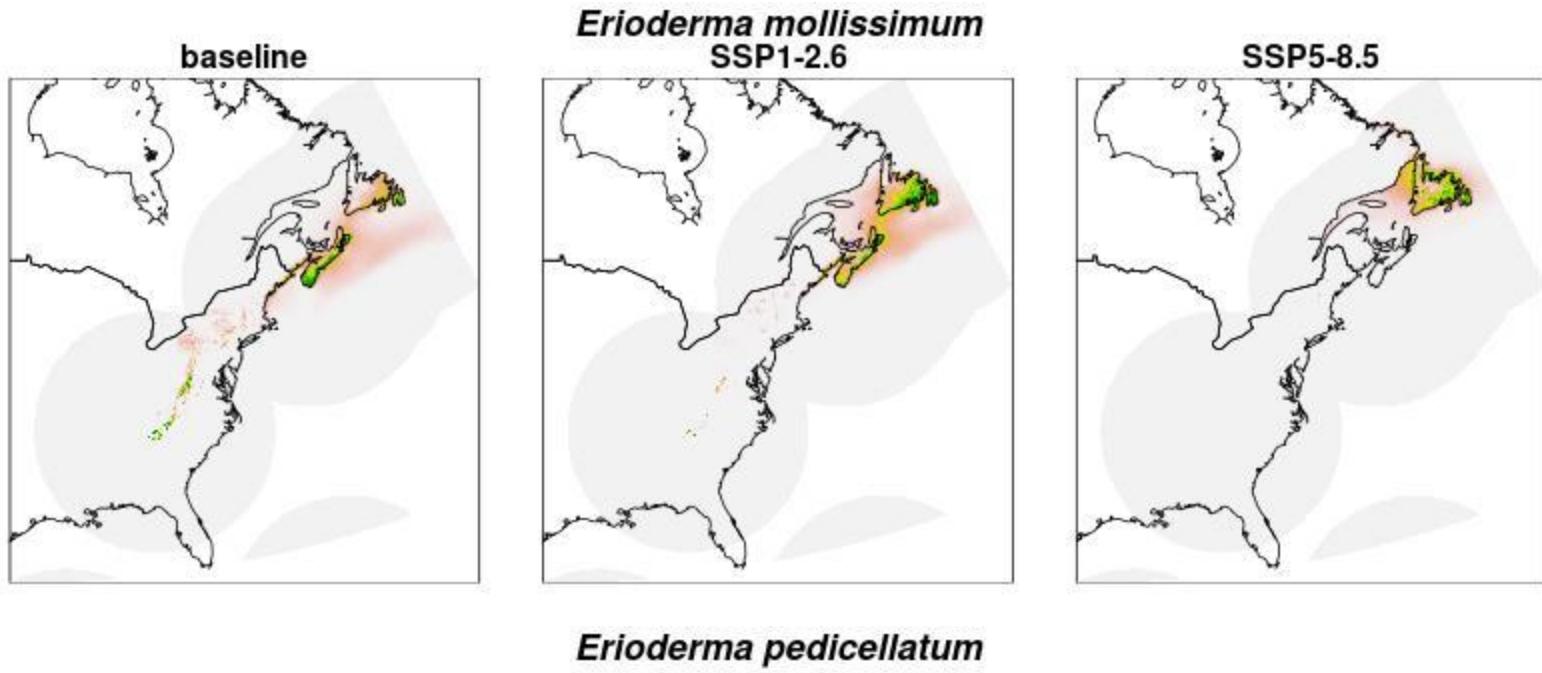


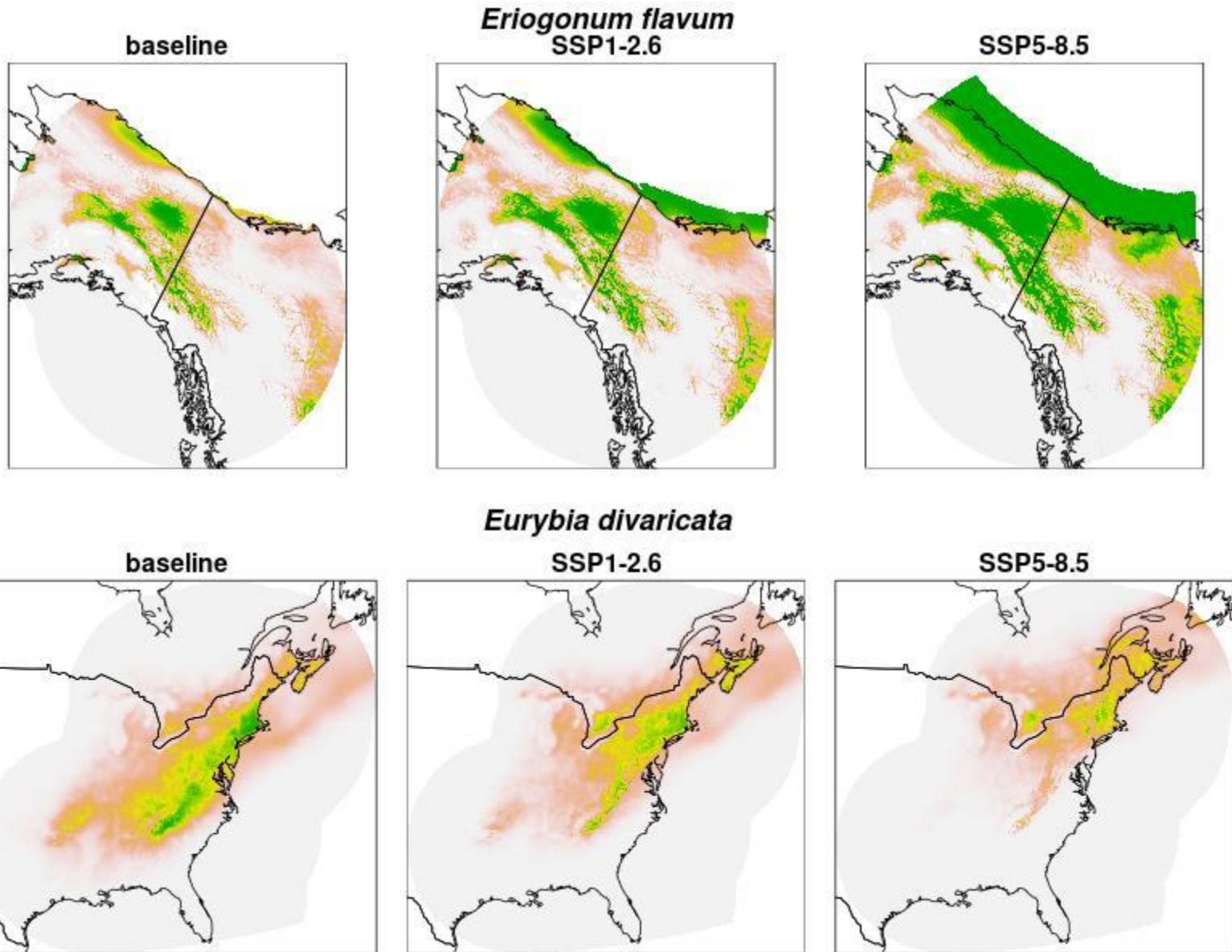
*Eleocharis tuberculosa*

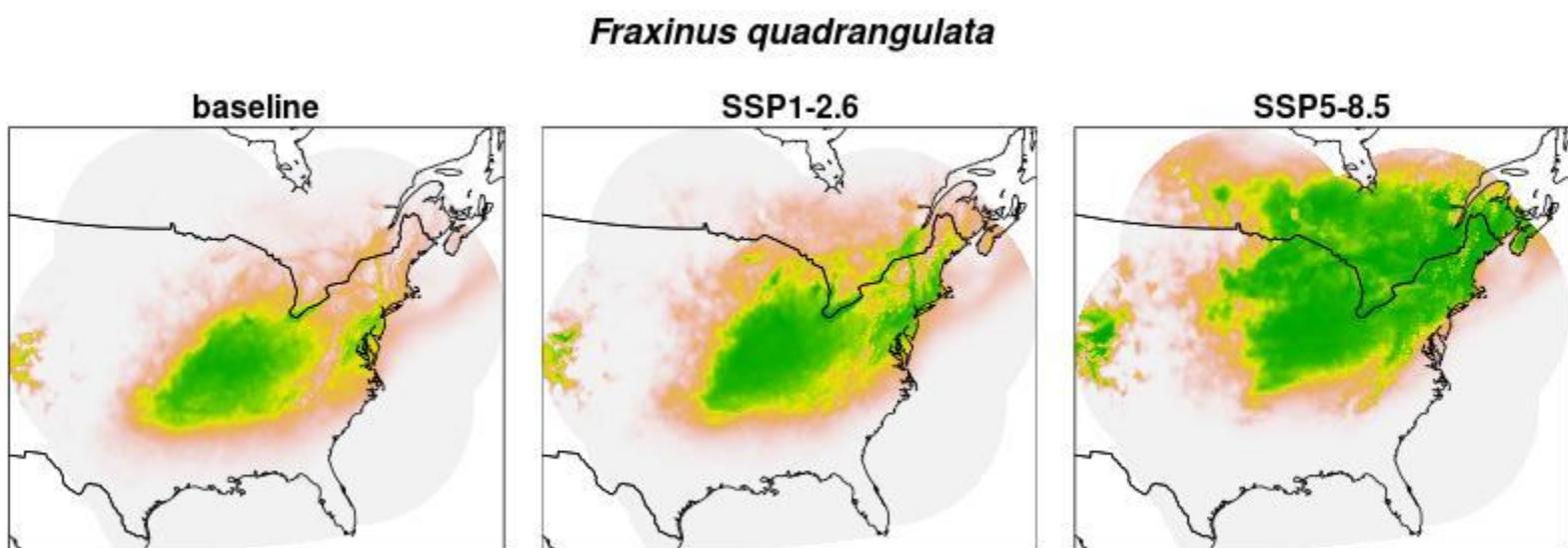
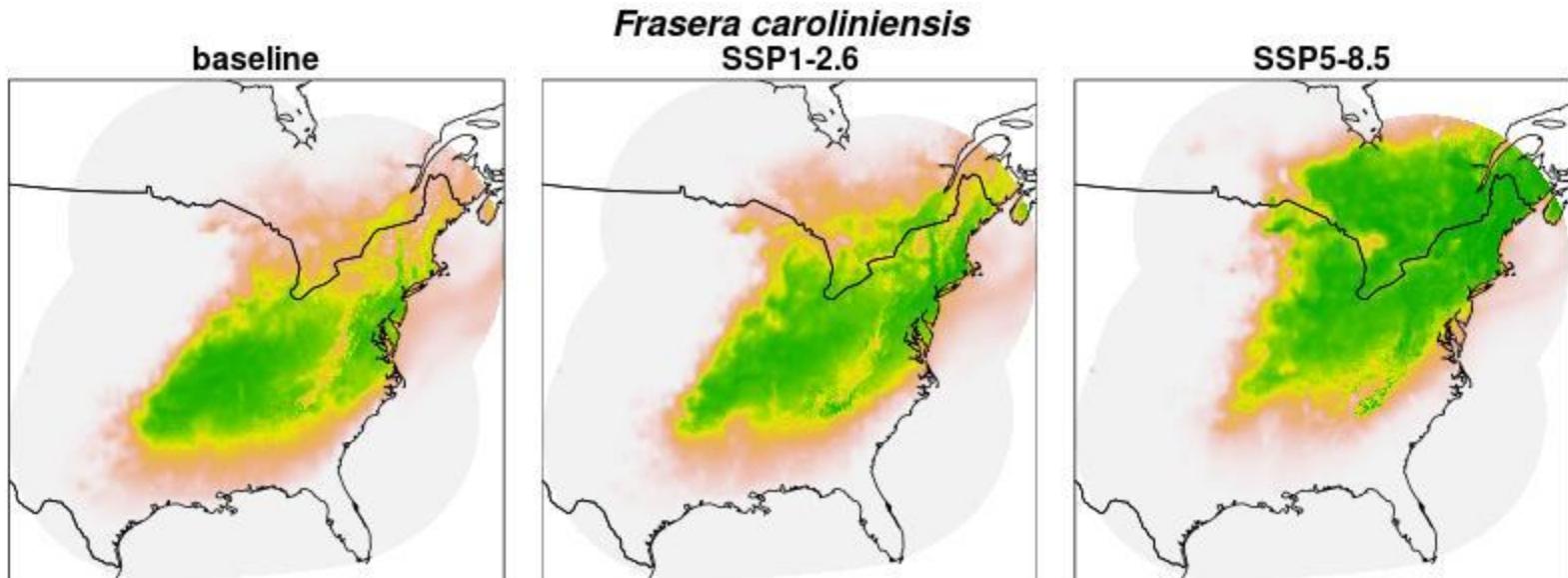


*Entosthodon fascicularis*  
SSP1-2.6

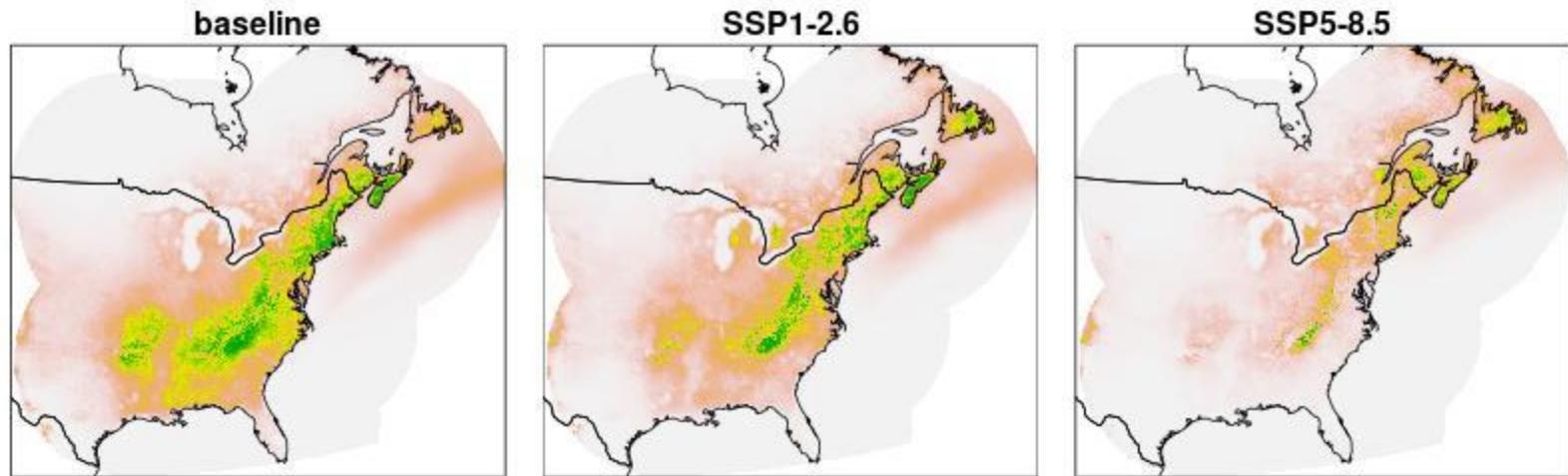




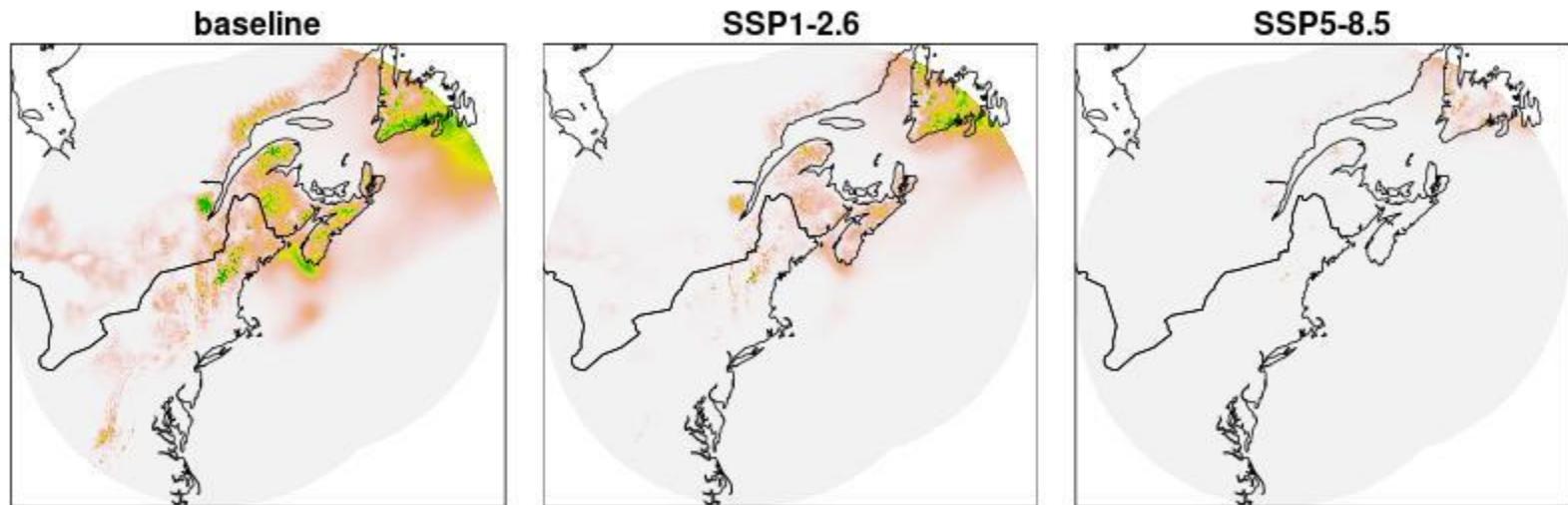




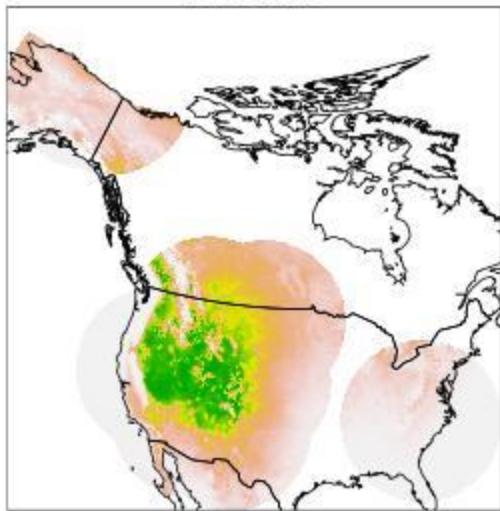
*Fuscopannaria leucosticta*



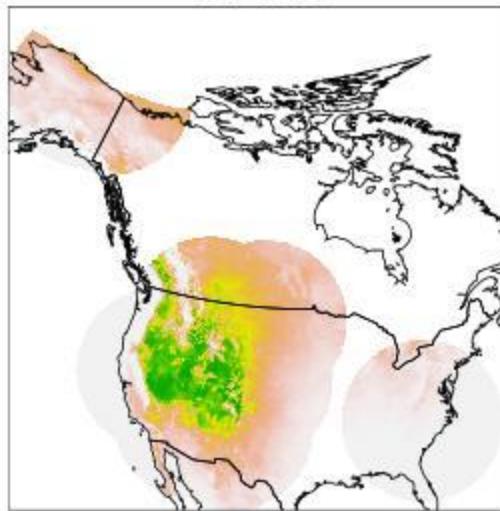
*Geum peckii*



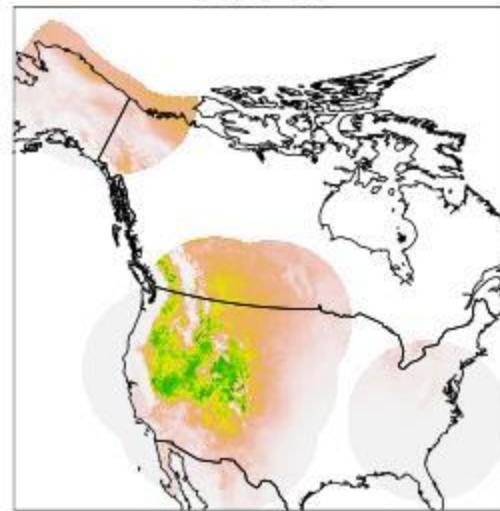
**baseline**



*Glypholecia scabra*  
SSP1-2.6

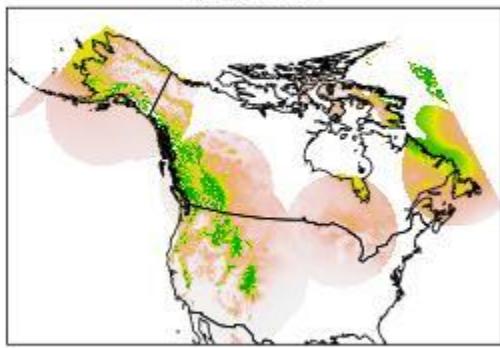


SSP5-8.5

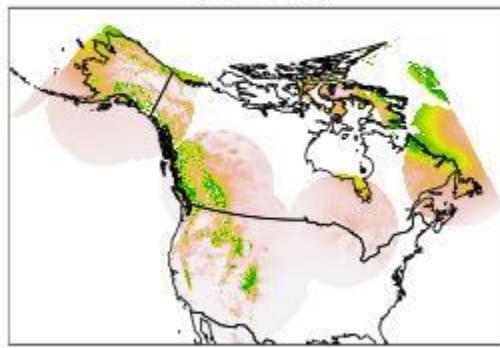


*Haplodontium macrocarpum*

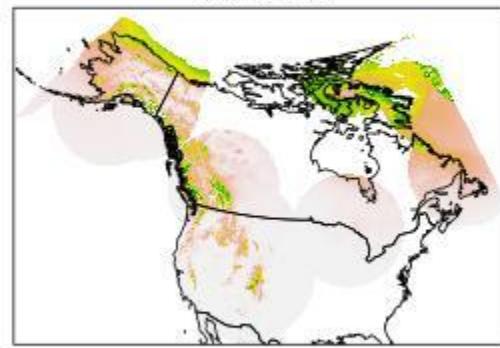
**baseline**



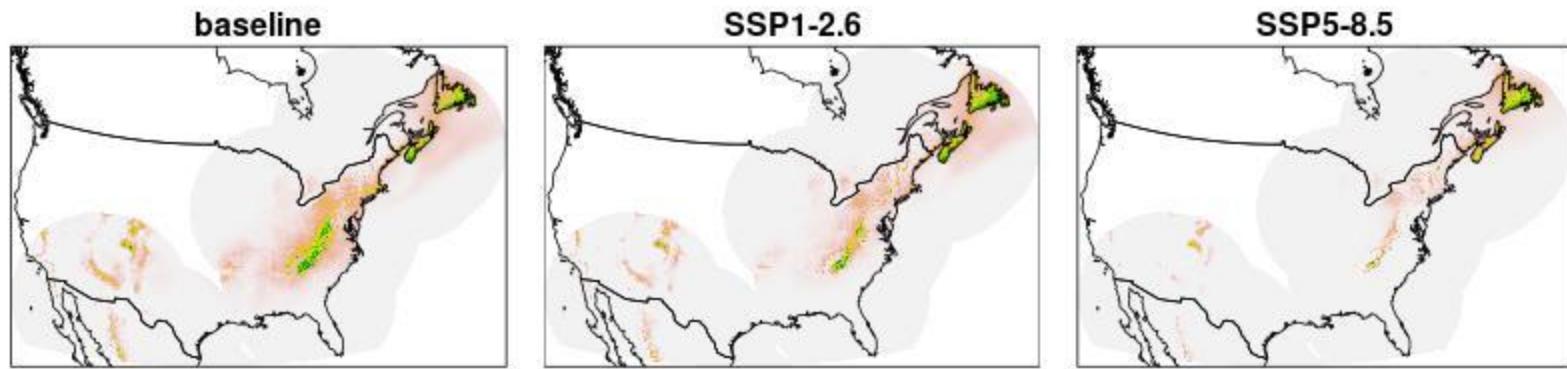
SSP1-2.6



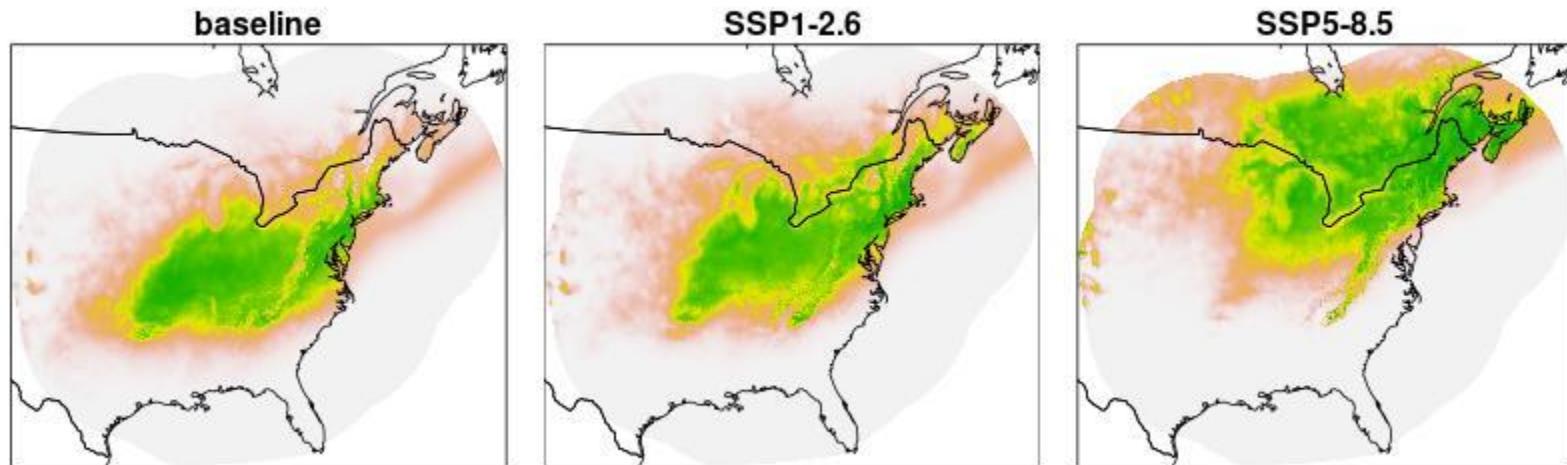
SSP5-8.5



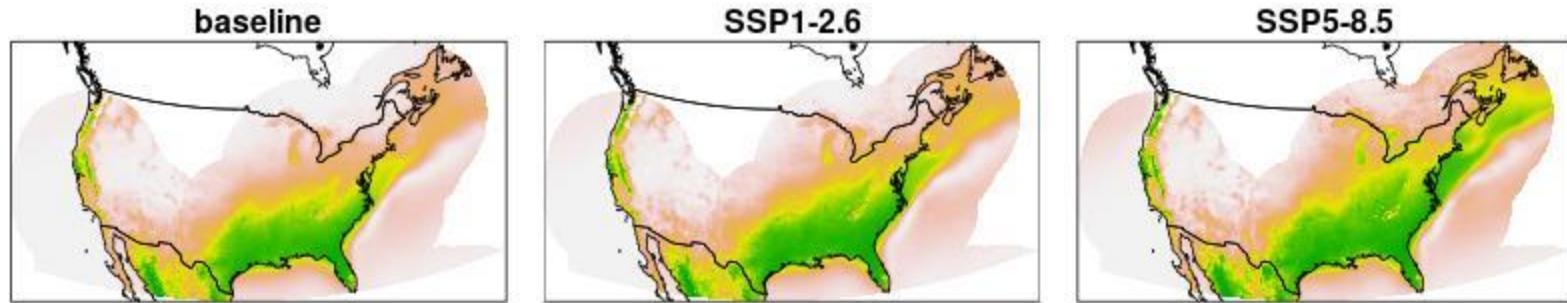
*Heterodermia squamulosa*



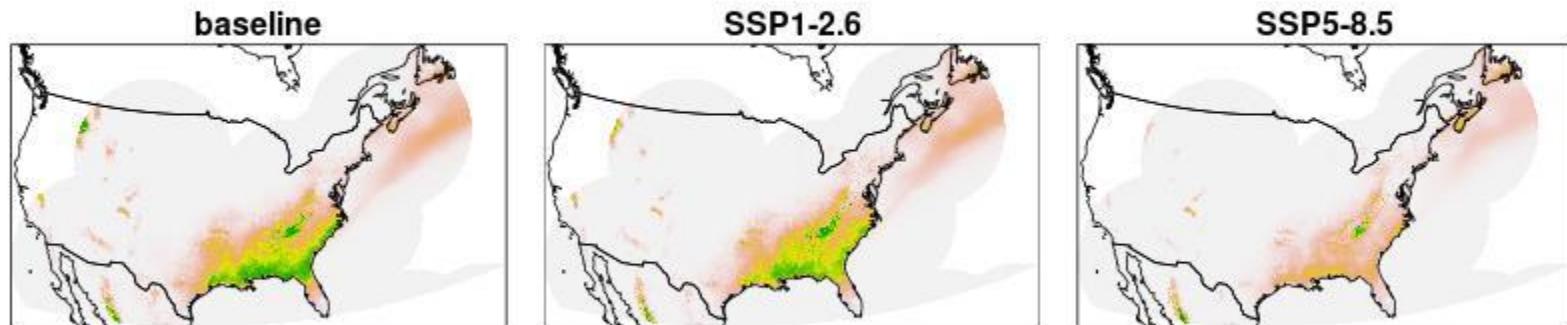
*Hydrastis canadensis*



*Hydrocotyle umbellata*

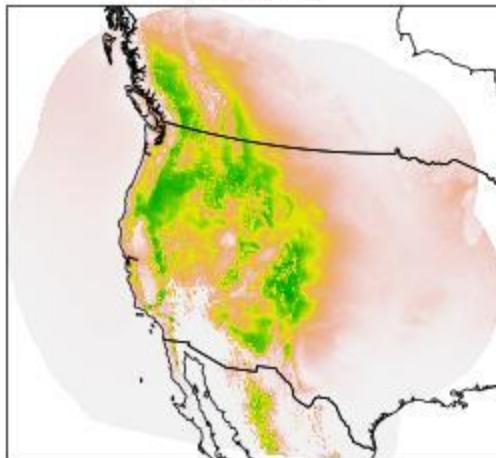


*Hypotrachyna horrescens*

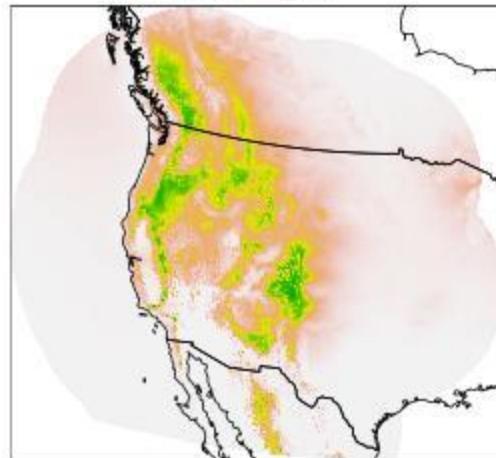


*Iris missouriensis*

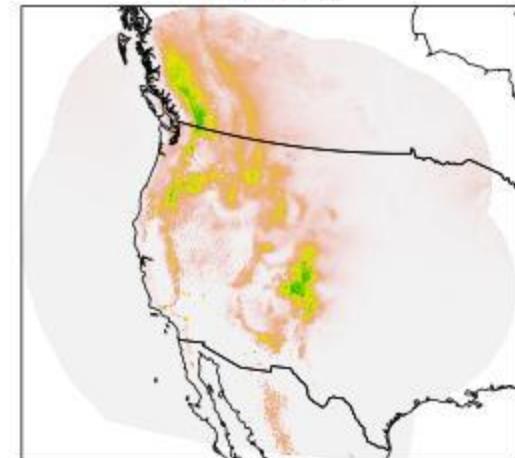
baseline



SSP1-2.6

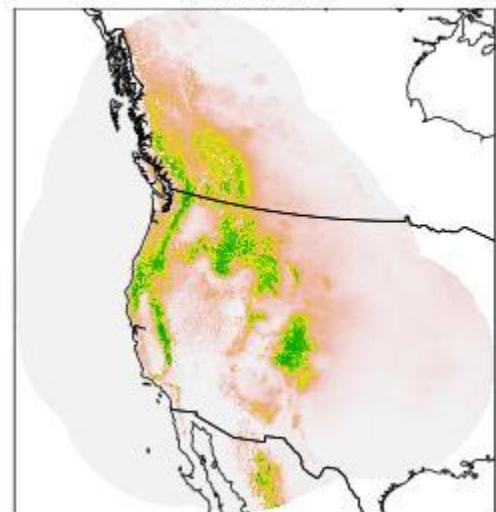


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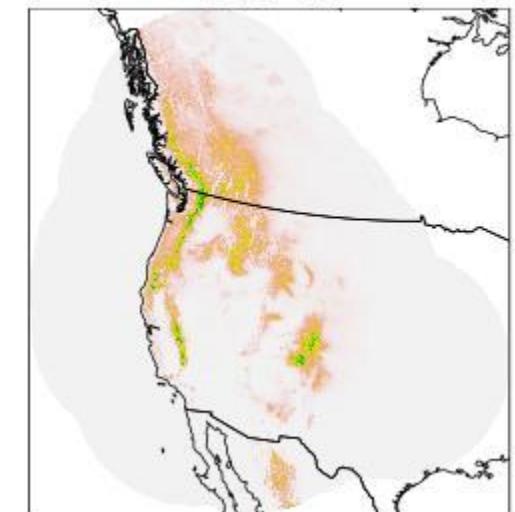
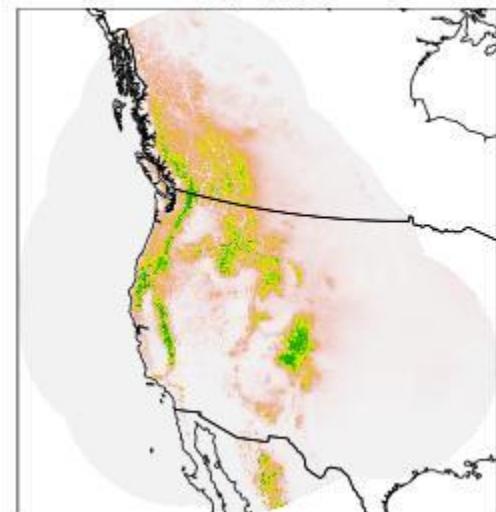


*Isoetes bolanderi*  
SSP1-2.6

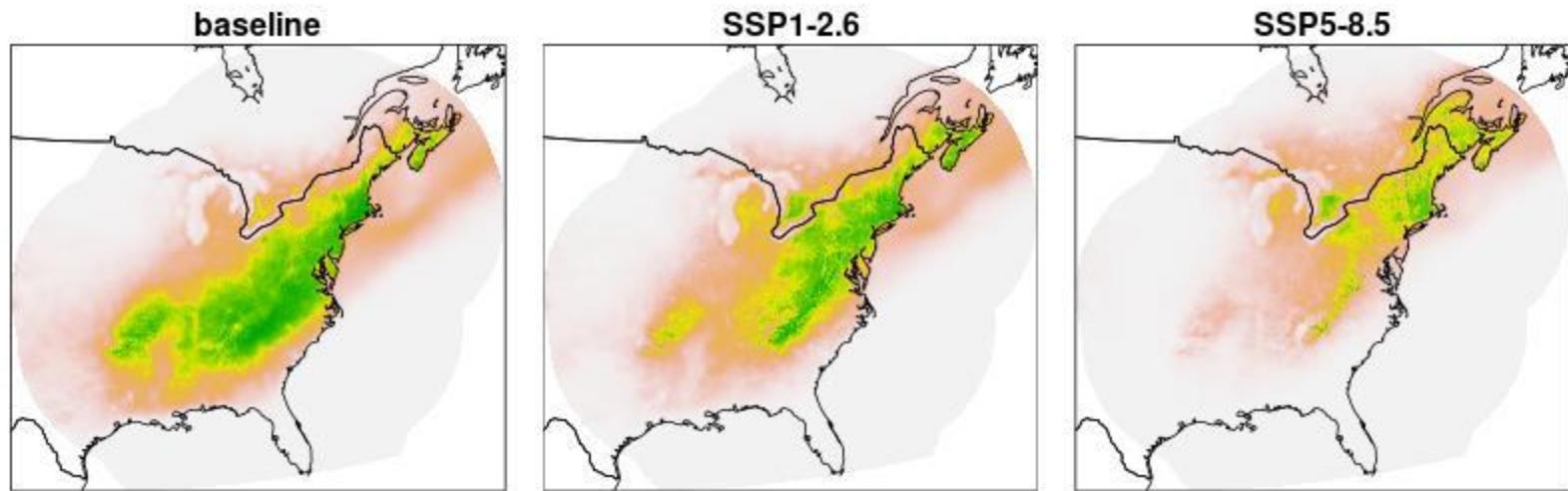
baseline



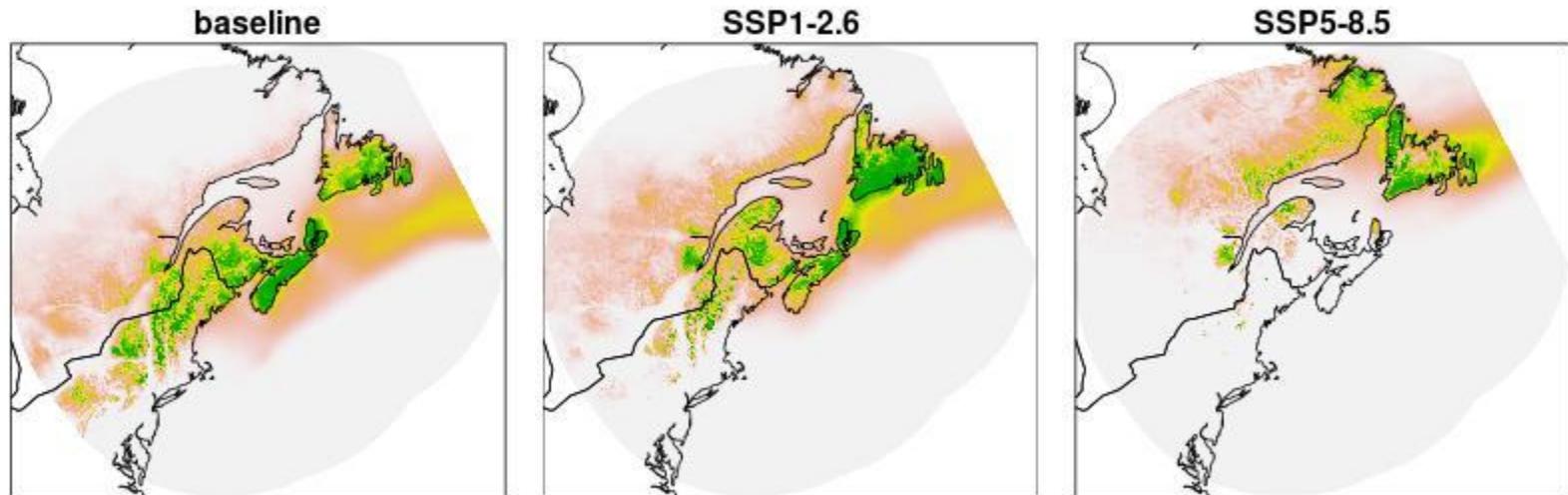
SSP5-8.5



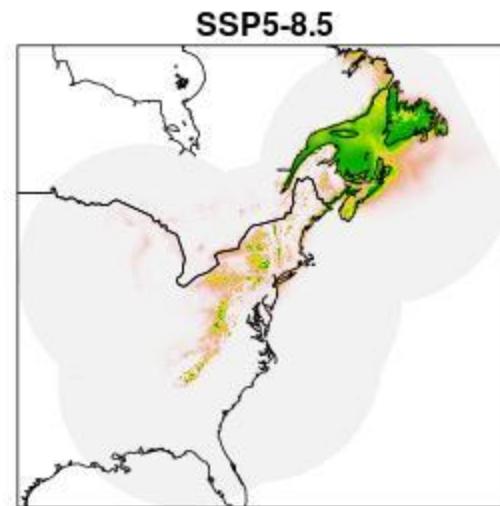
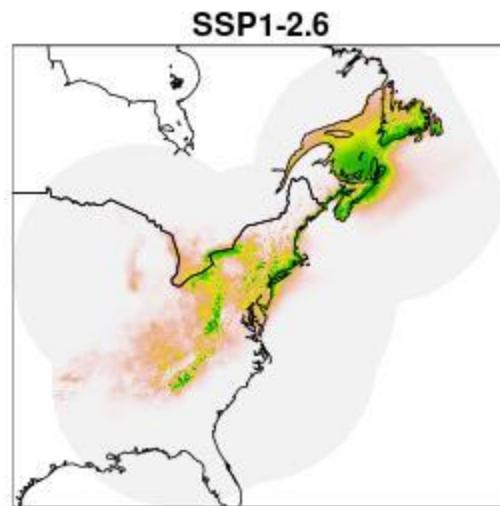
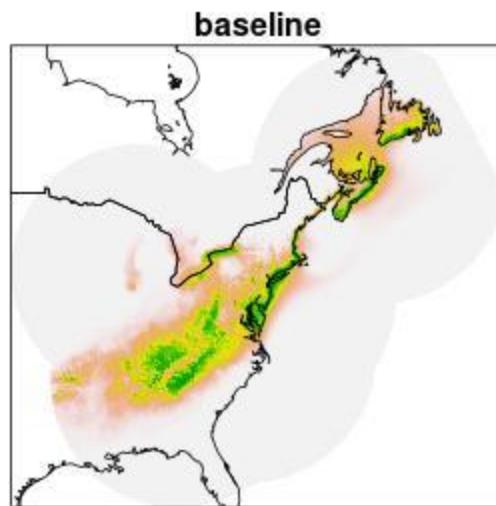
*Isoetes engelmannii*



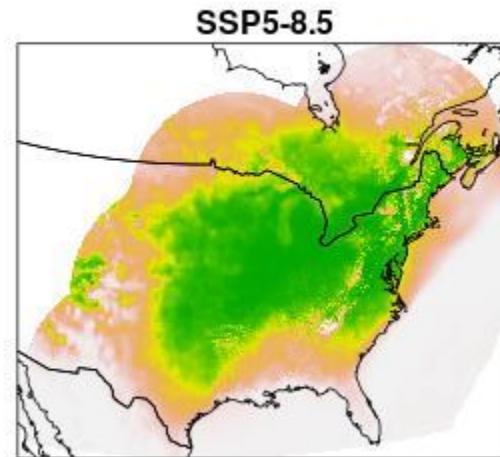
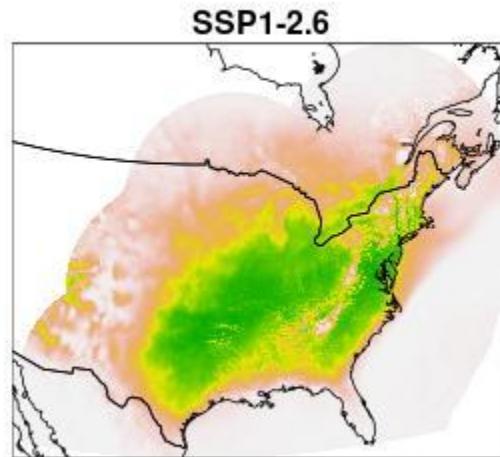
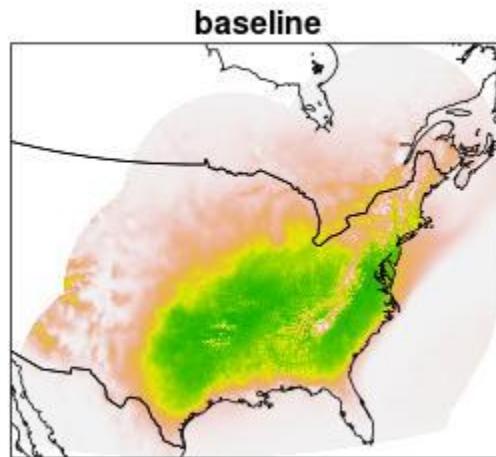
*Isoetes prototypus*



*Juncus caesariensis*

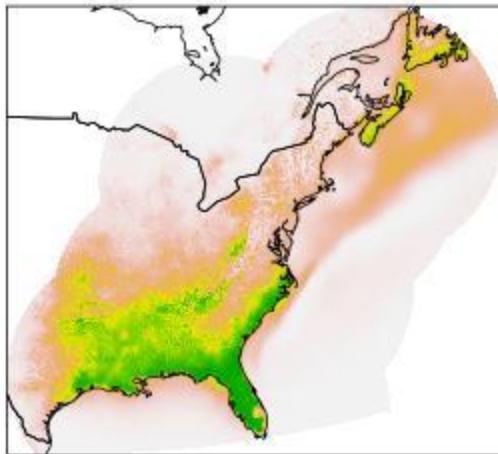


*Justicia americana*

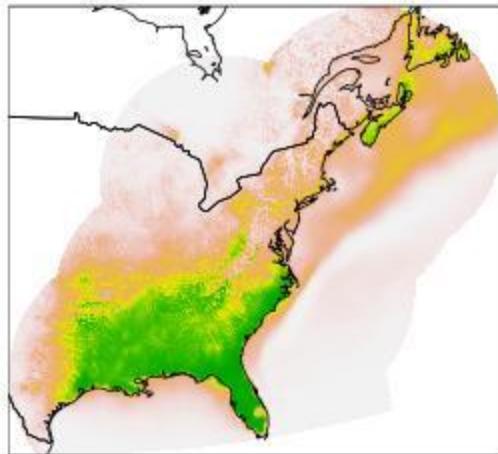


*Lachnanthes caroliniana*

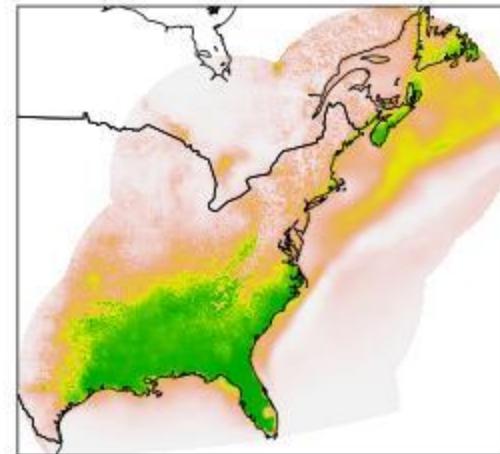
baseline



SSP1-2.6

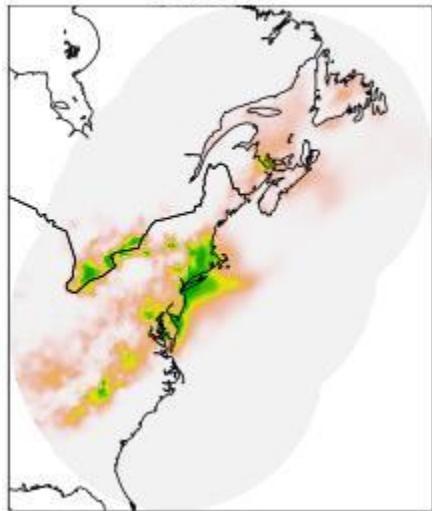


SSP5-8.5

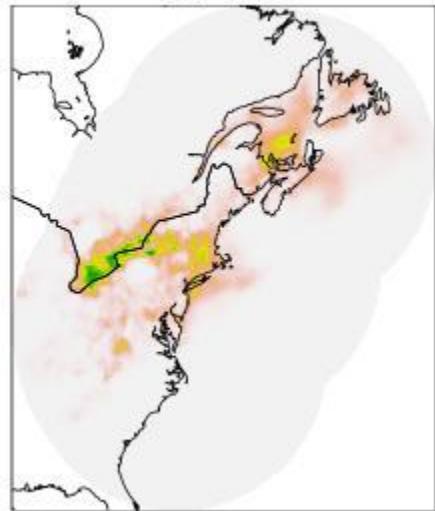


*Lechea maritima*

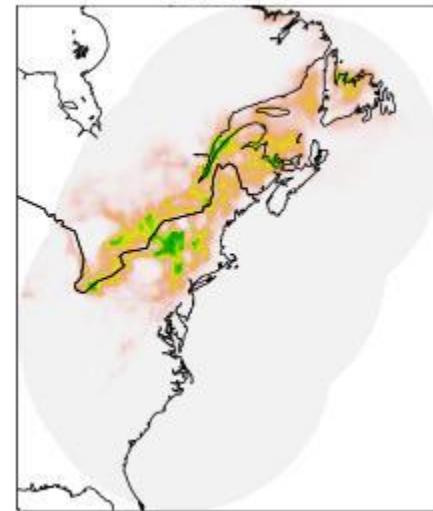
baseline



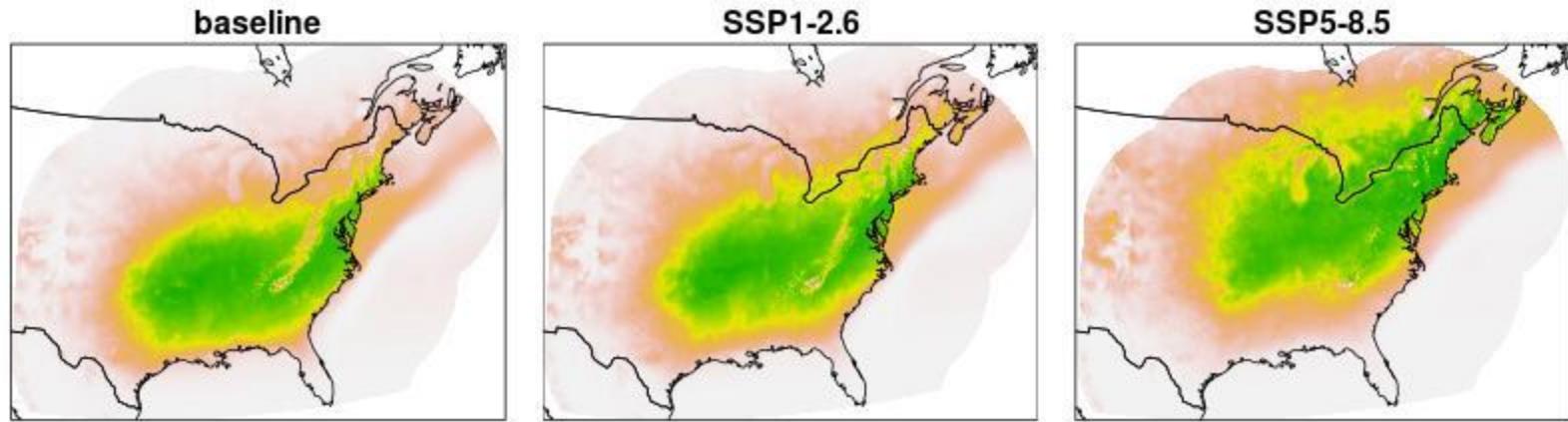
SSP1-2.6



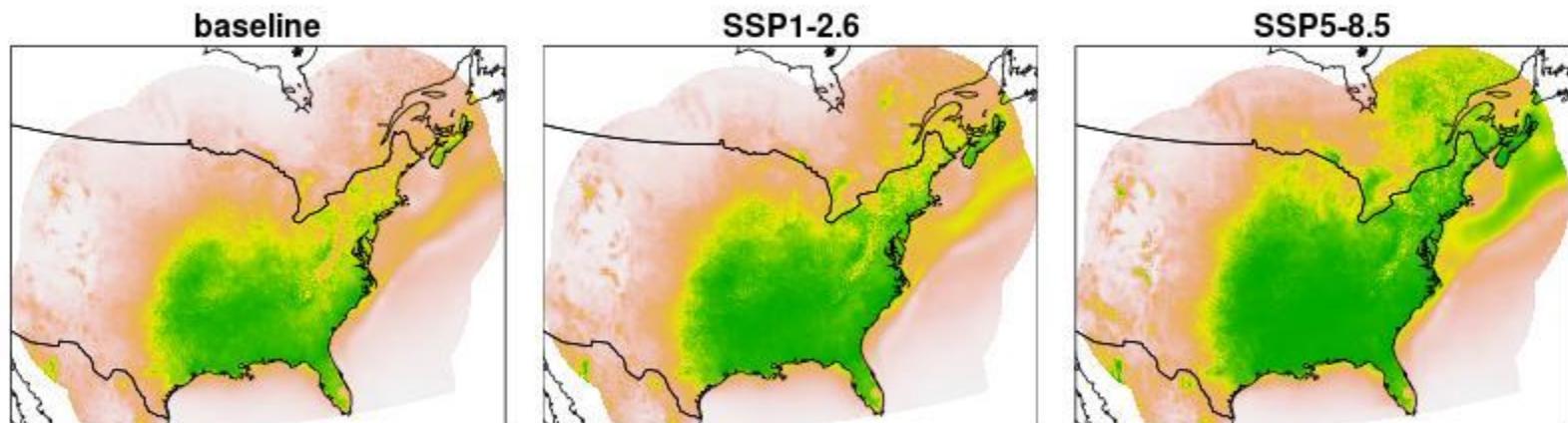
SSP5-8.5

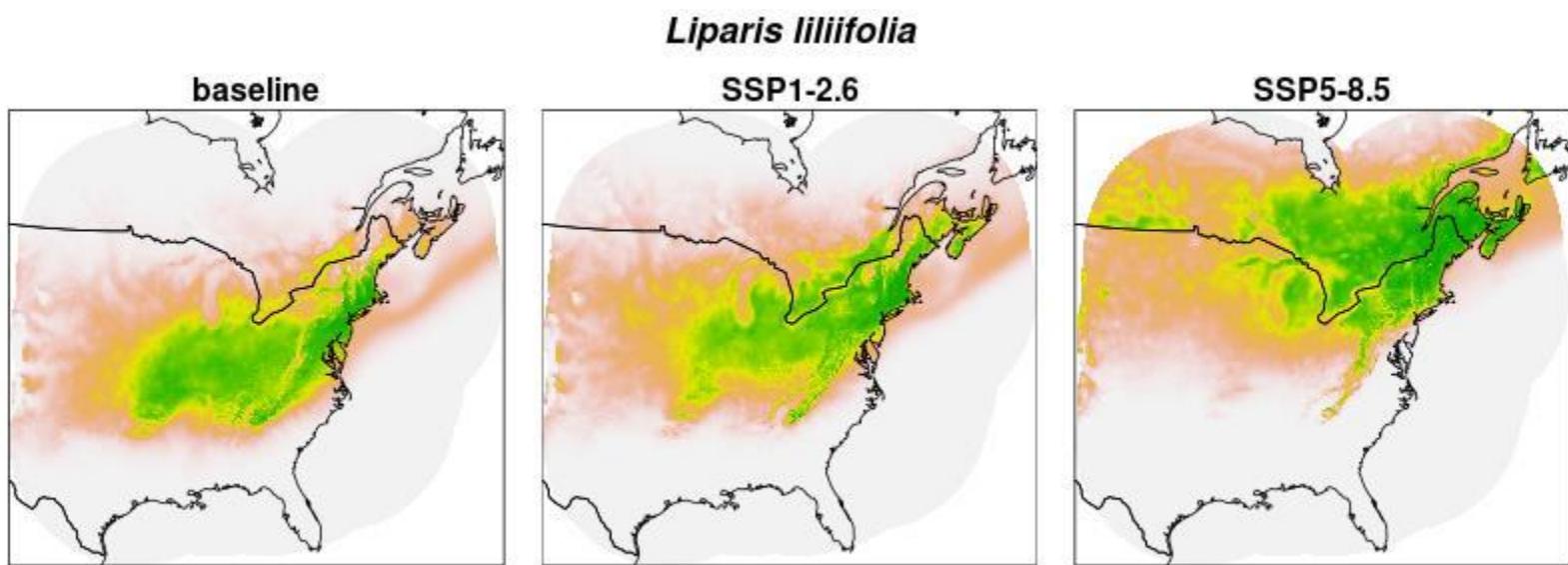
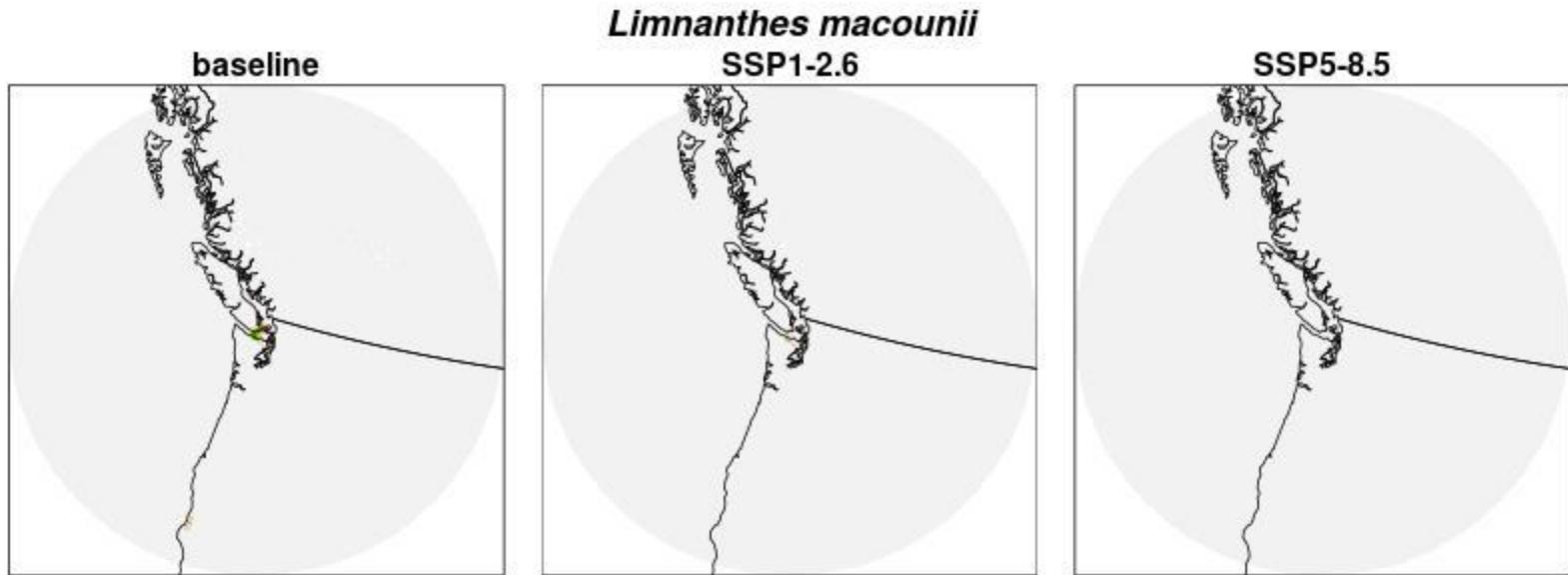


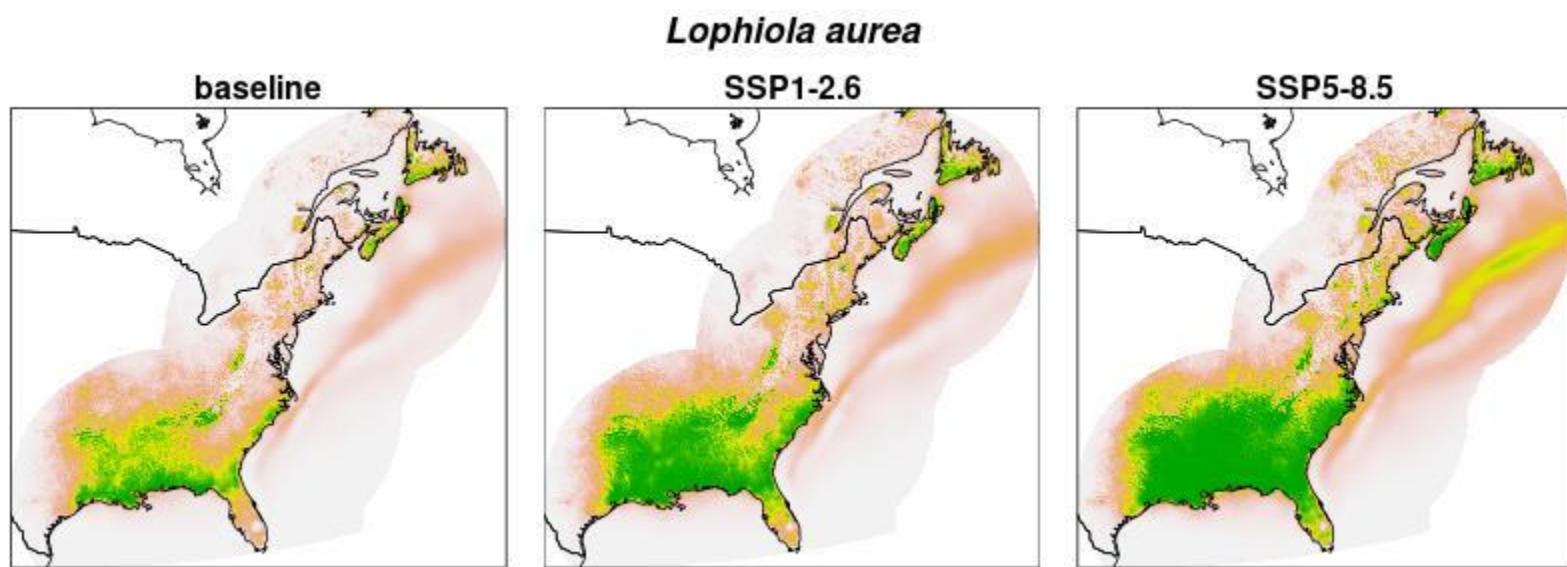
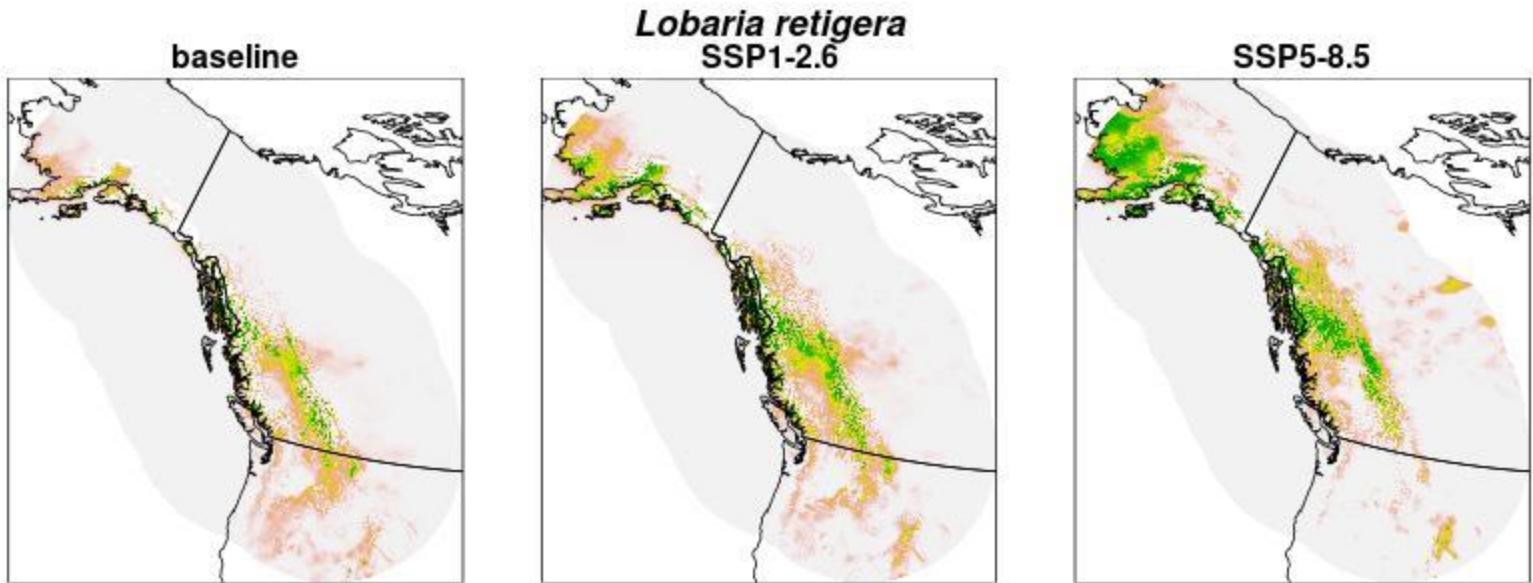
*Lespedeza virginica*



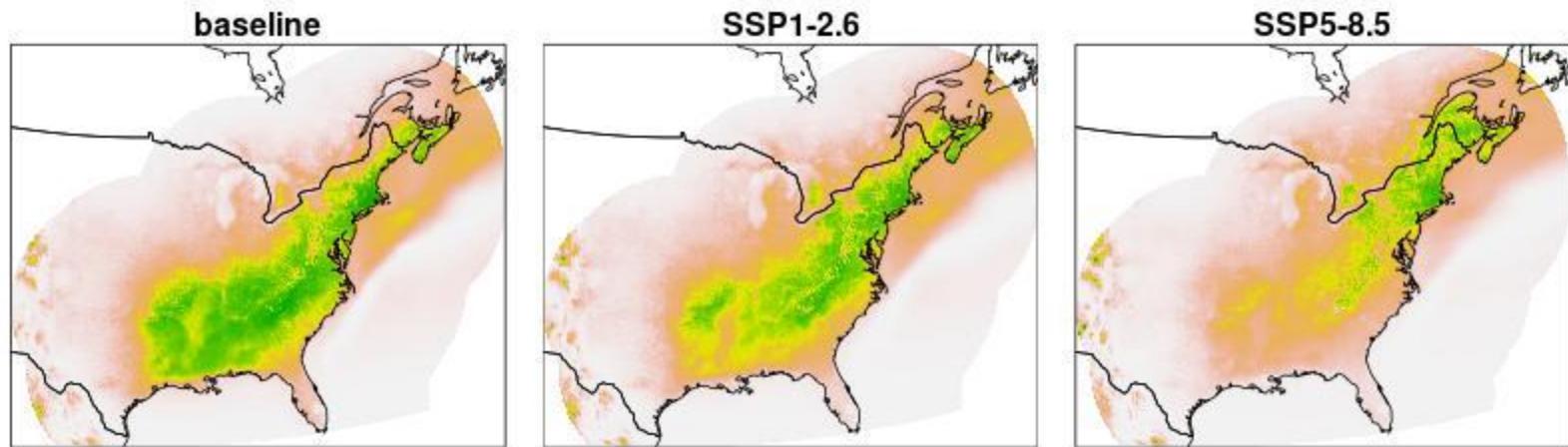
*Liatris spicata*



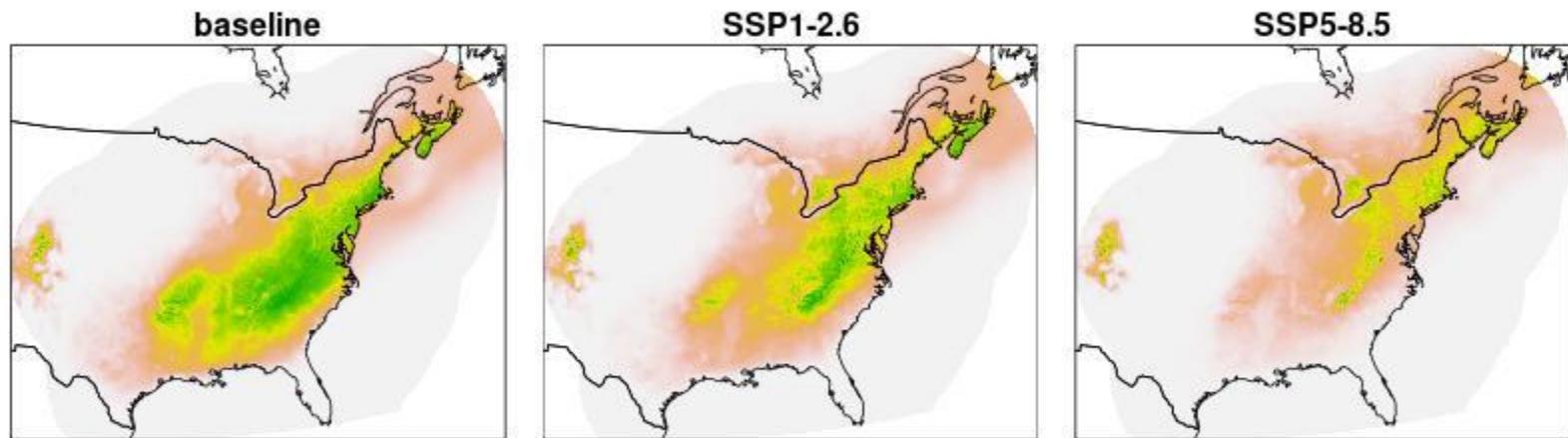




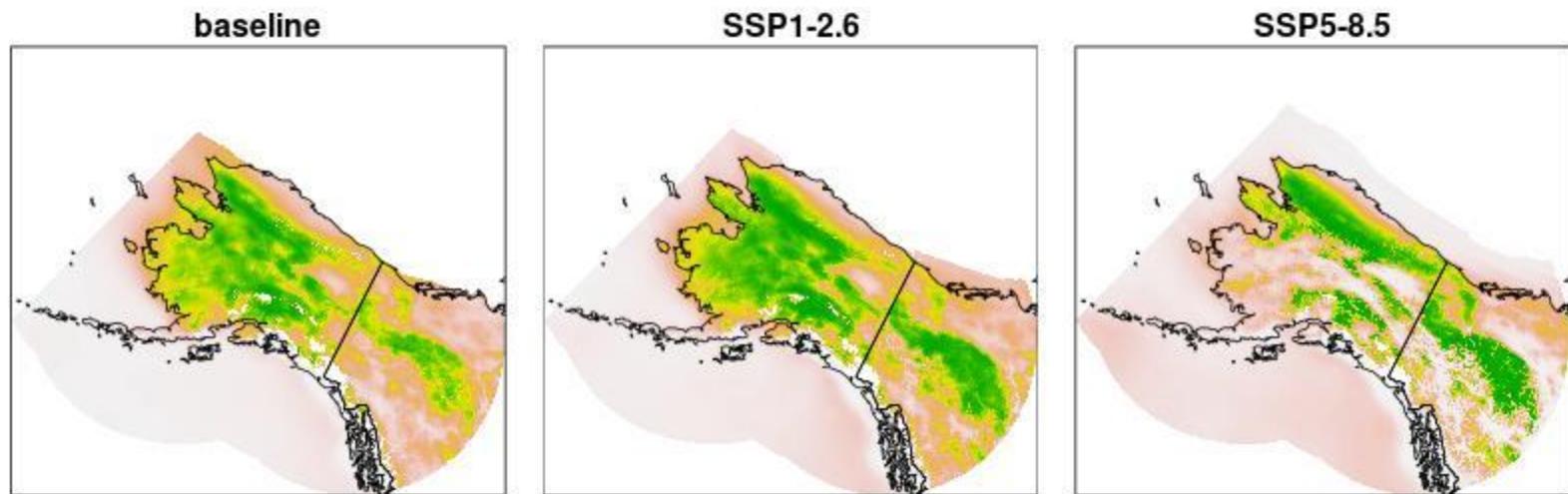
*Lyonia ligustrina*



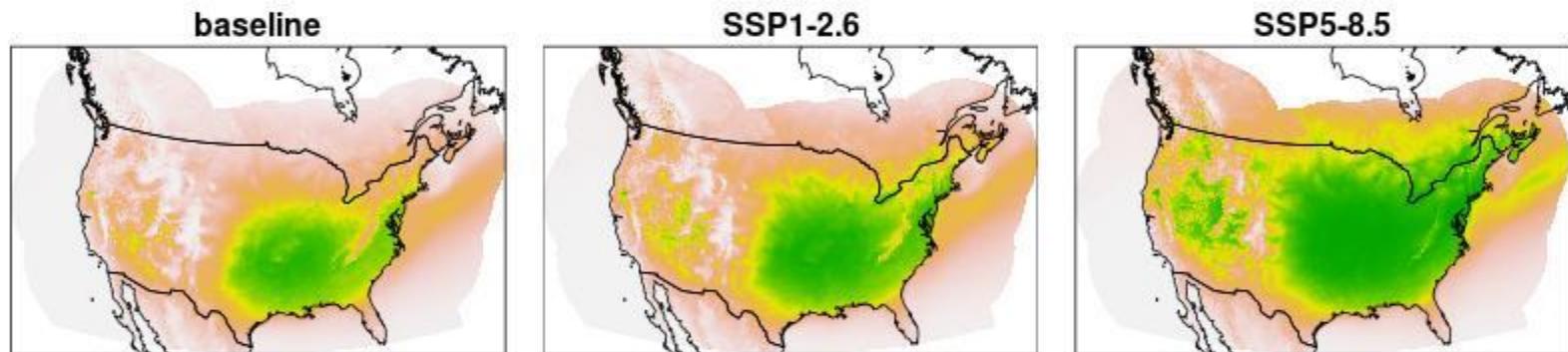
*Magnolia acuminata*

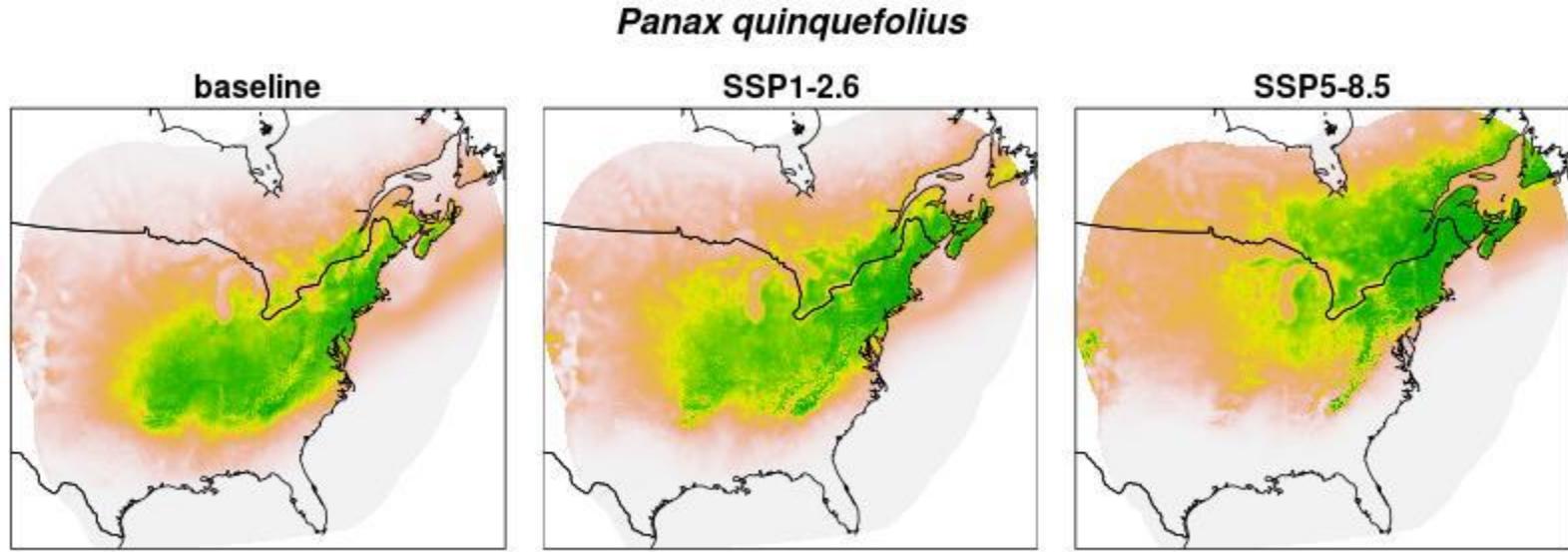
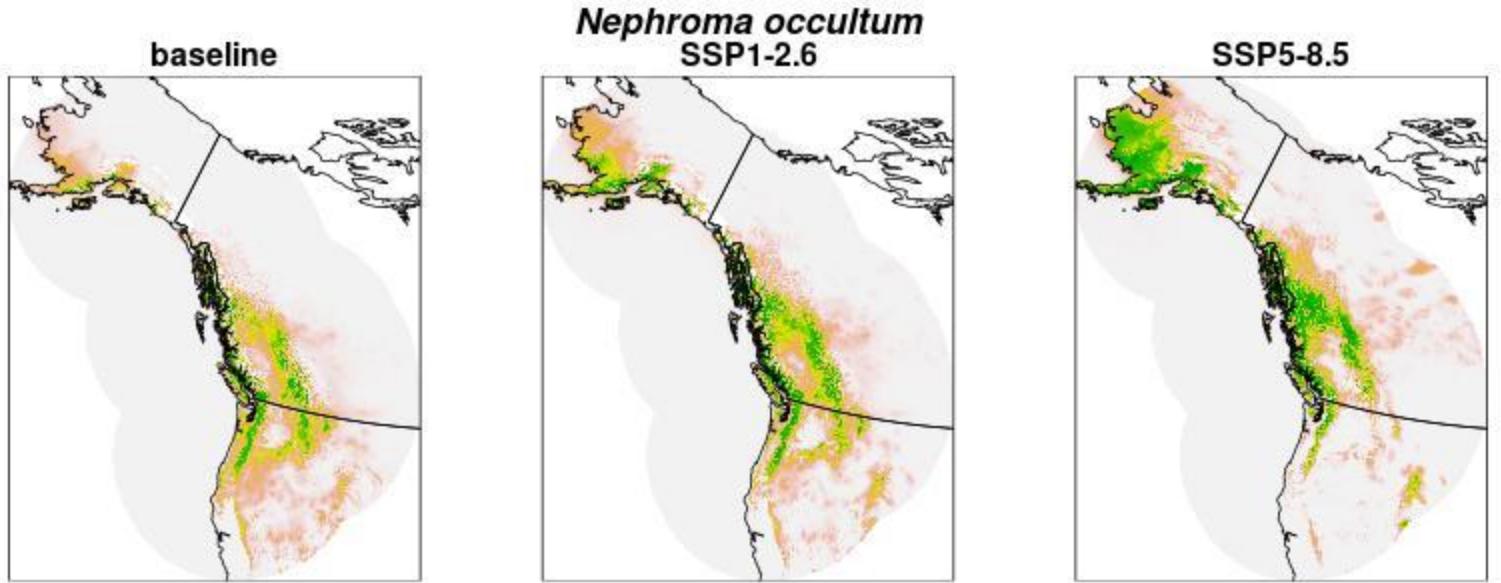


*Micranthes spicata*

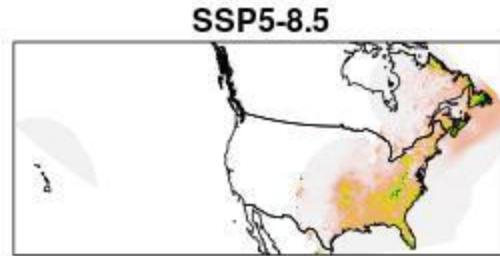
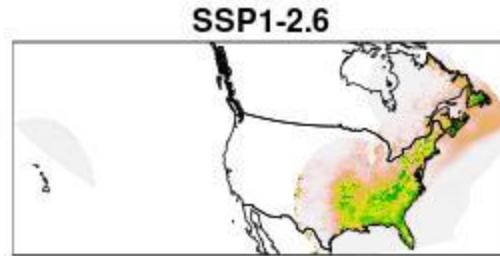
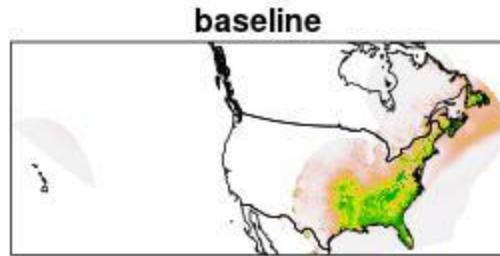


*Morus rubra*

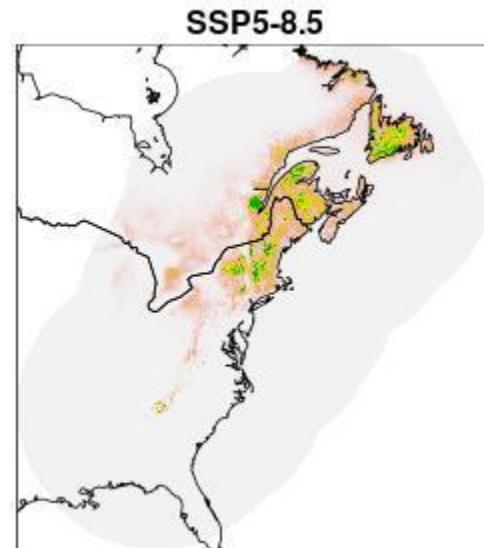
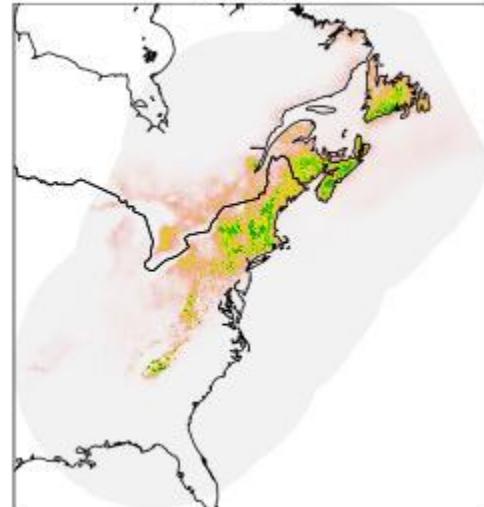
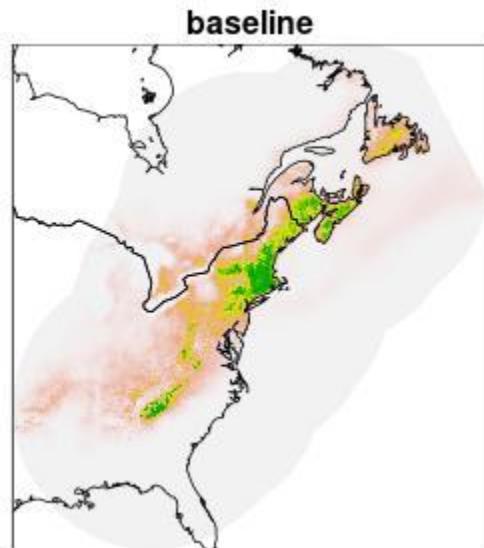


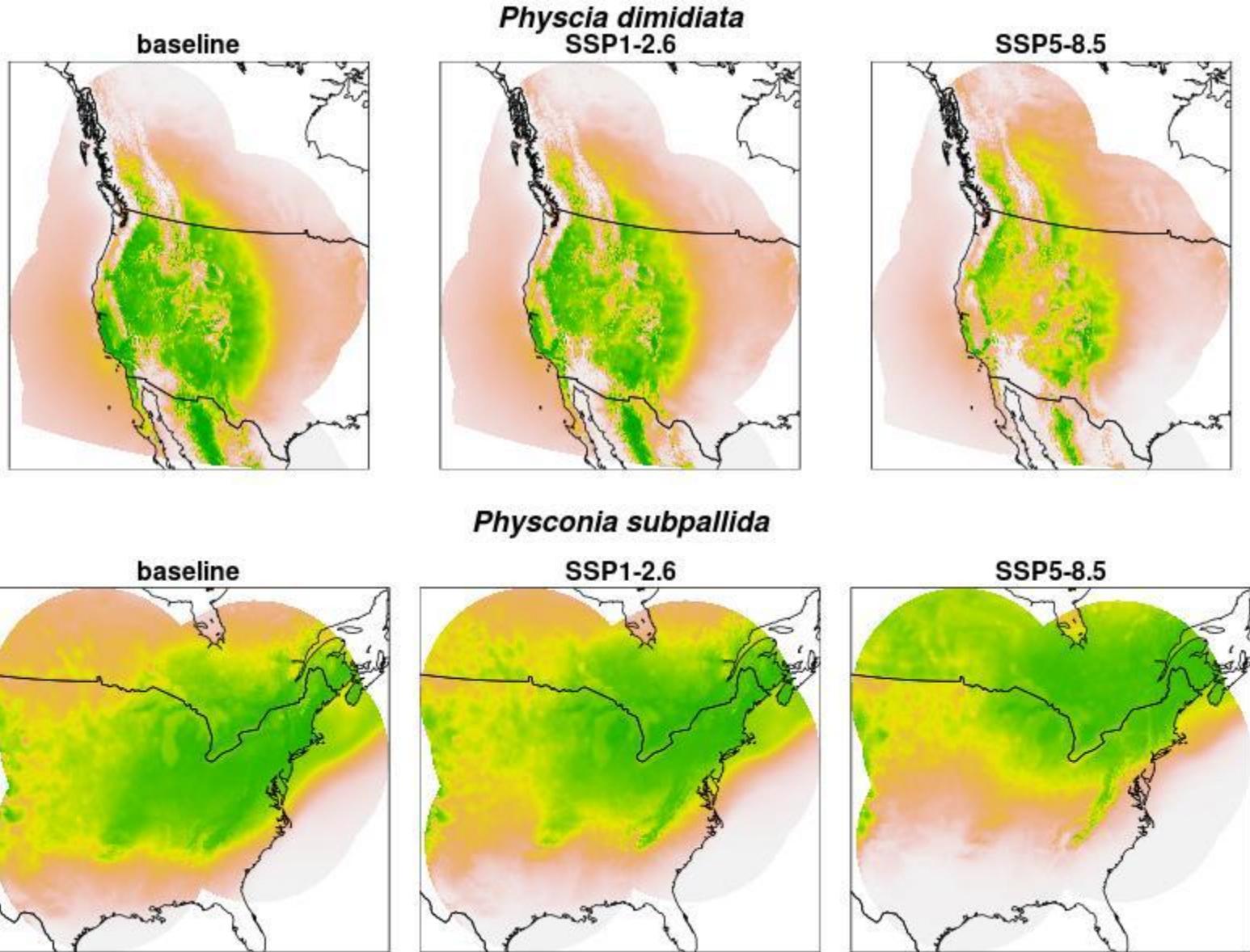


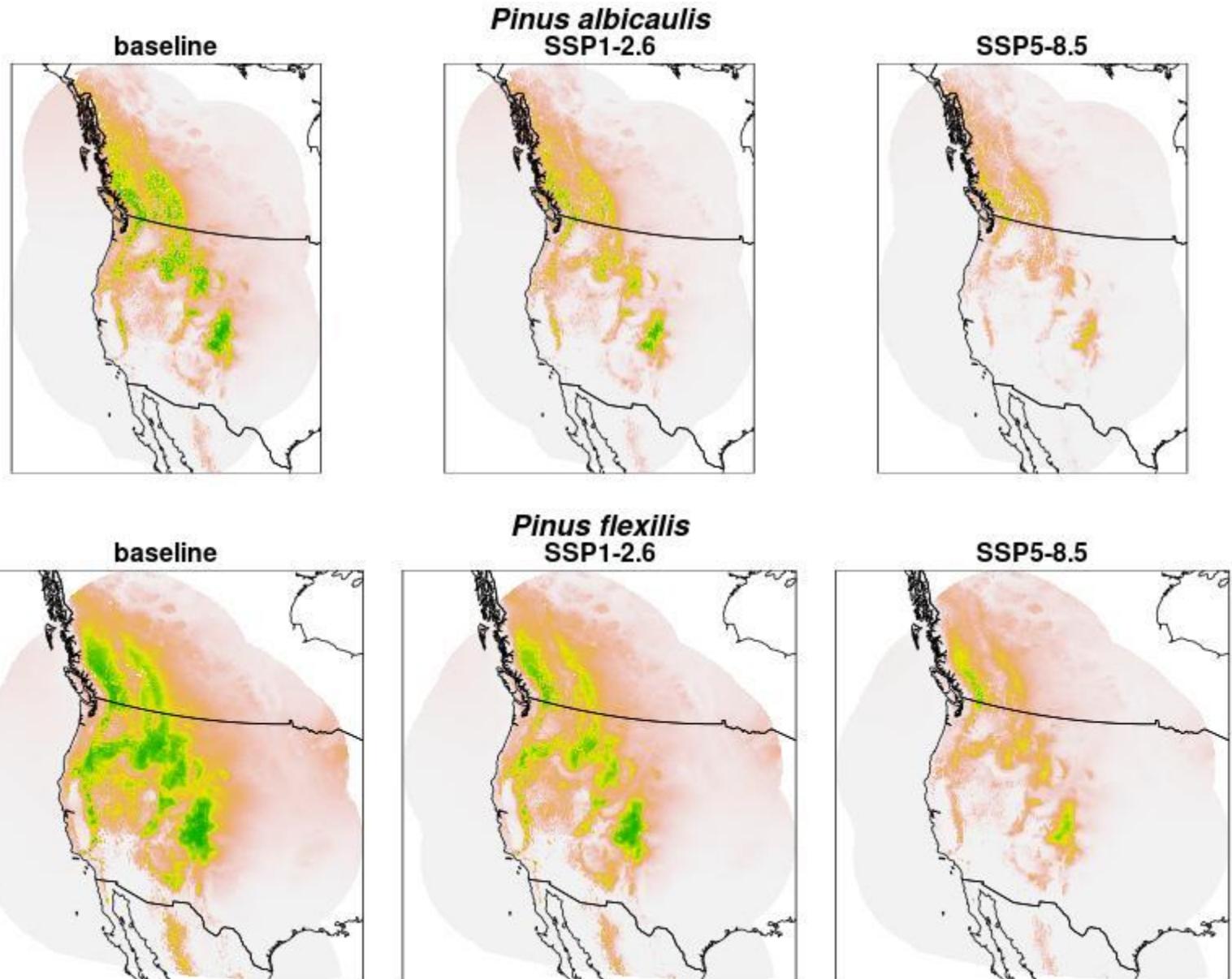
*Pannaria lurida*

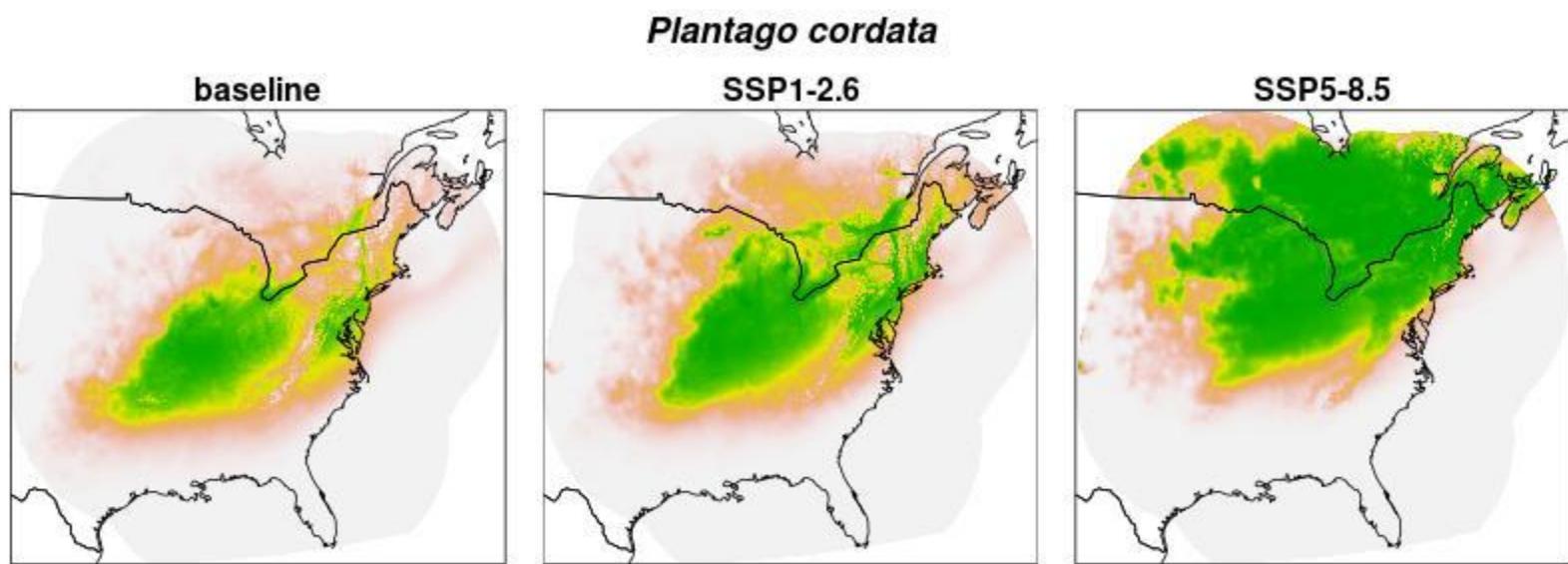
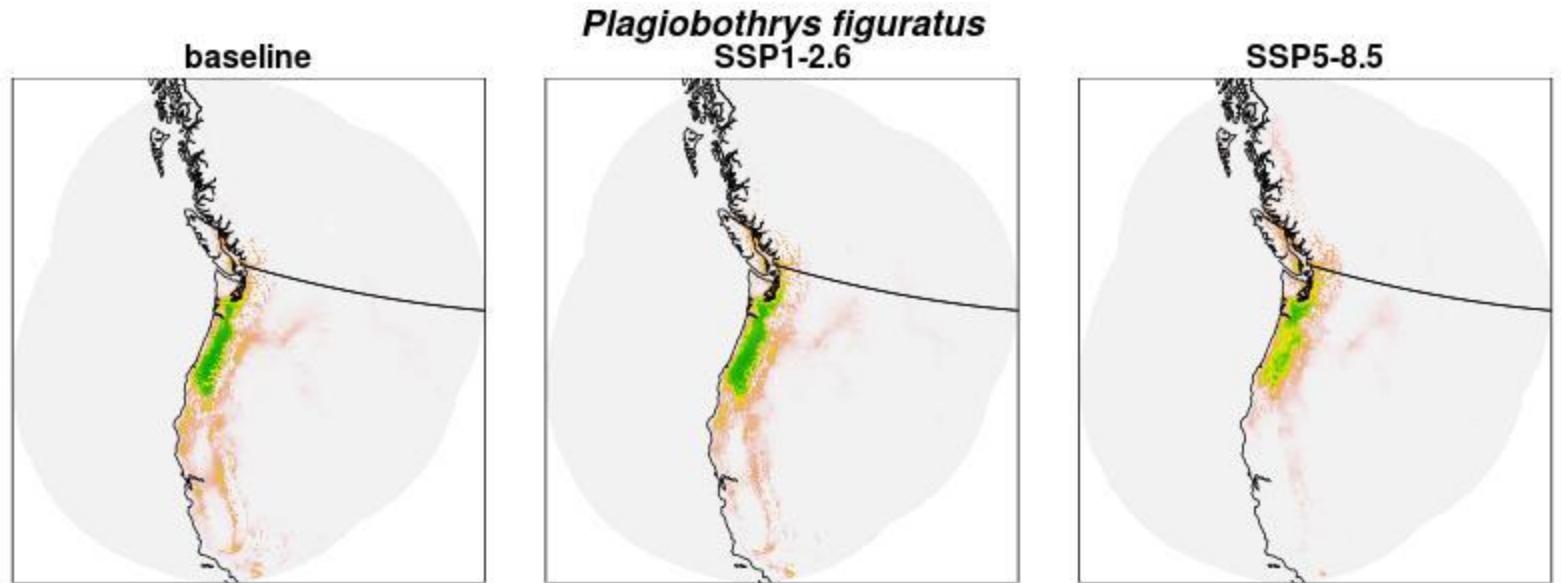


*Peltigera hydrothyria*  
SSP1-2.6

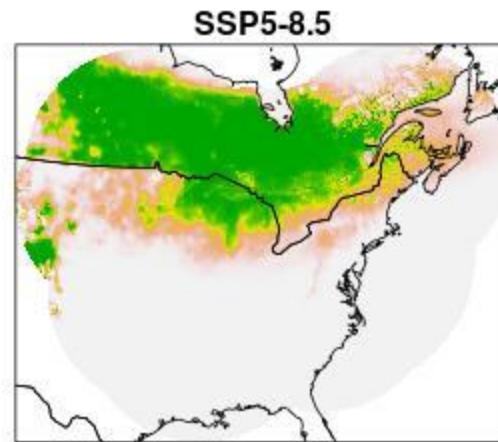
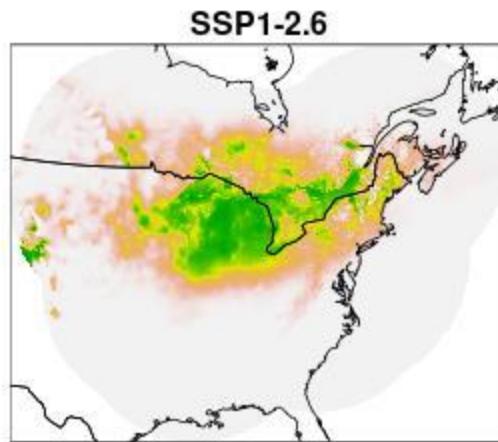
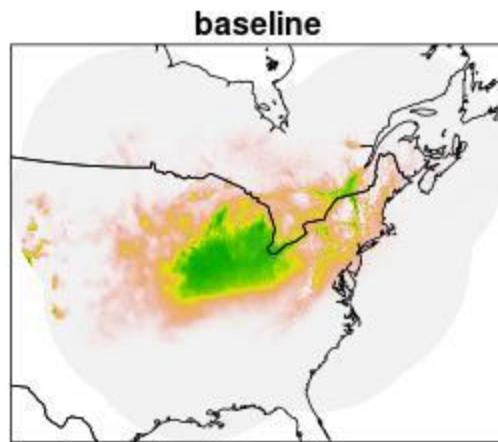




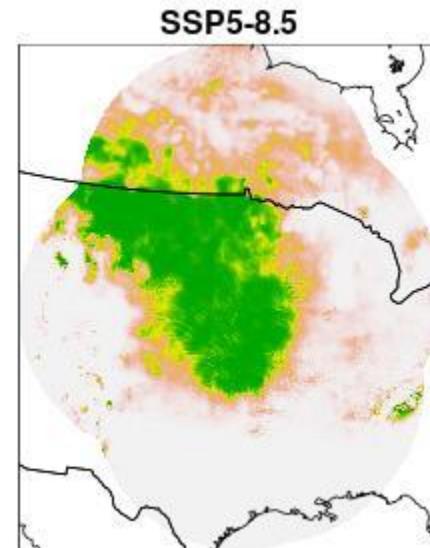
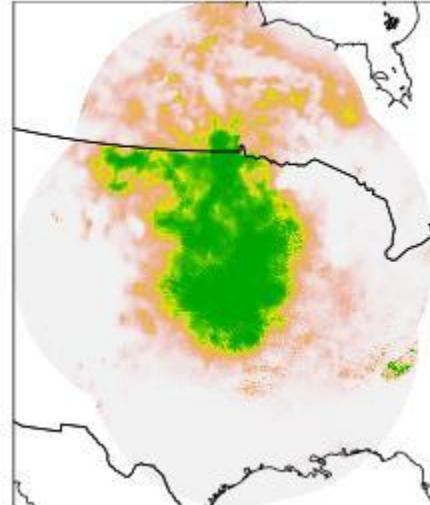
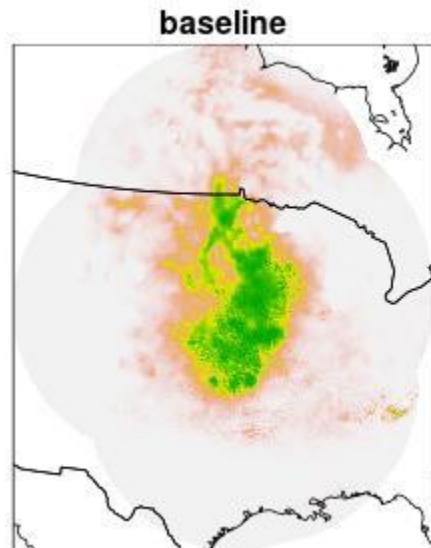




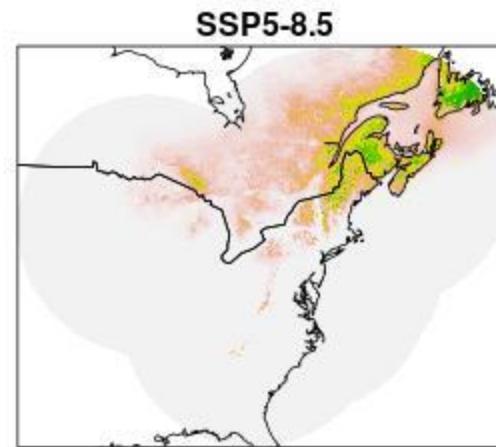
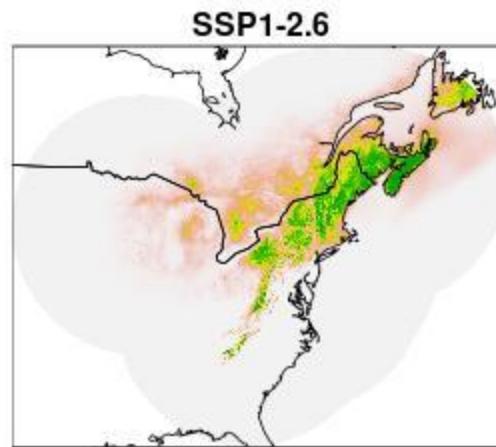
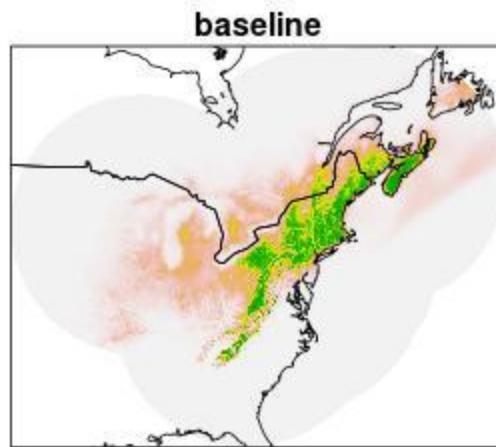
*Platanthera leucophaea*



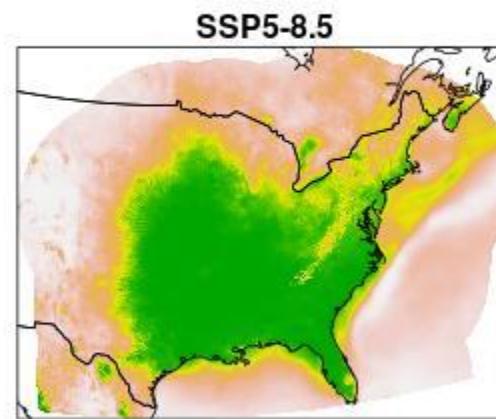
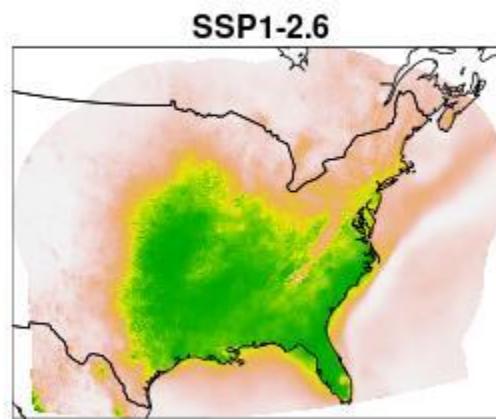
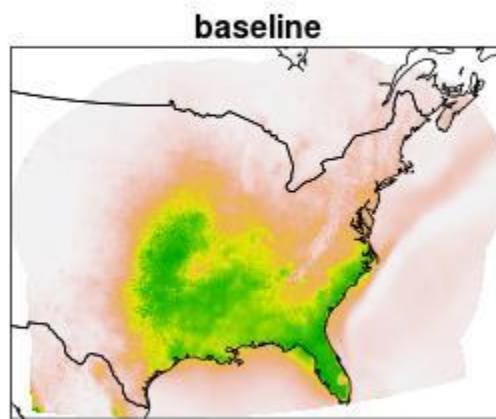
*Platanthera praeclara*  
SSP1-2.6



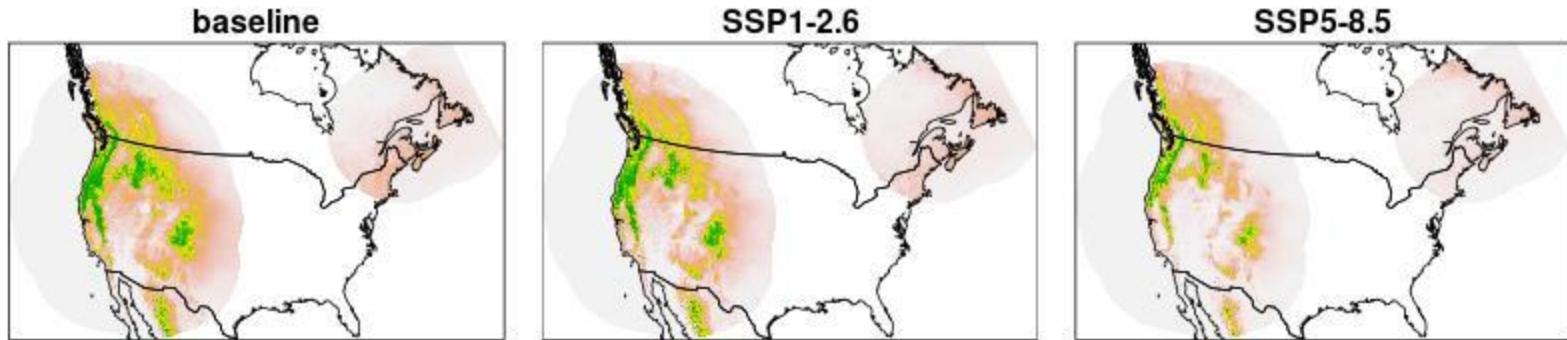
*Polemonium vanbruntiae*



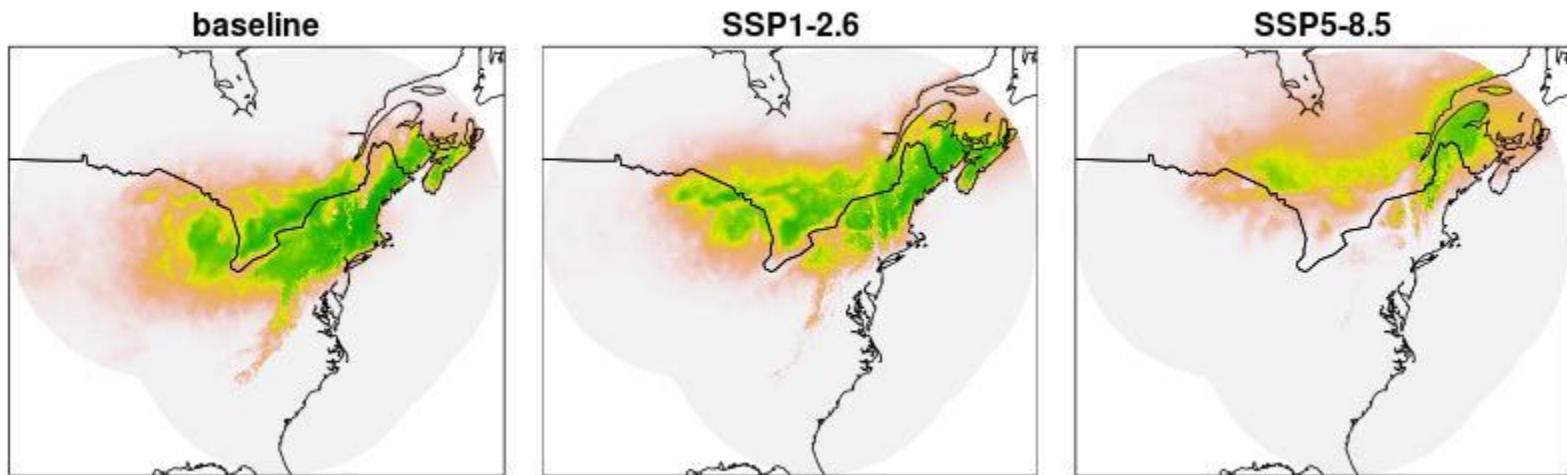
*Polygala incarnata*

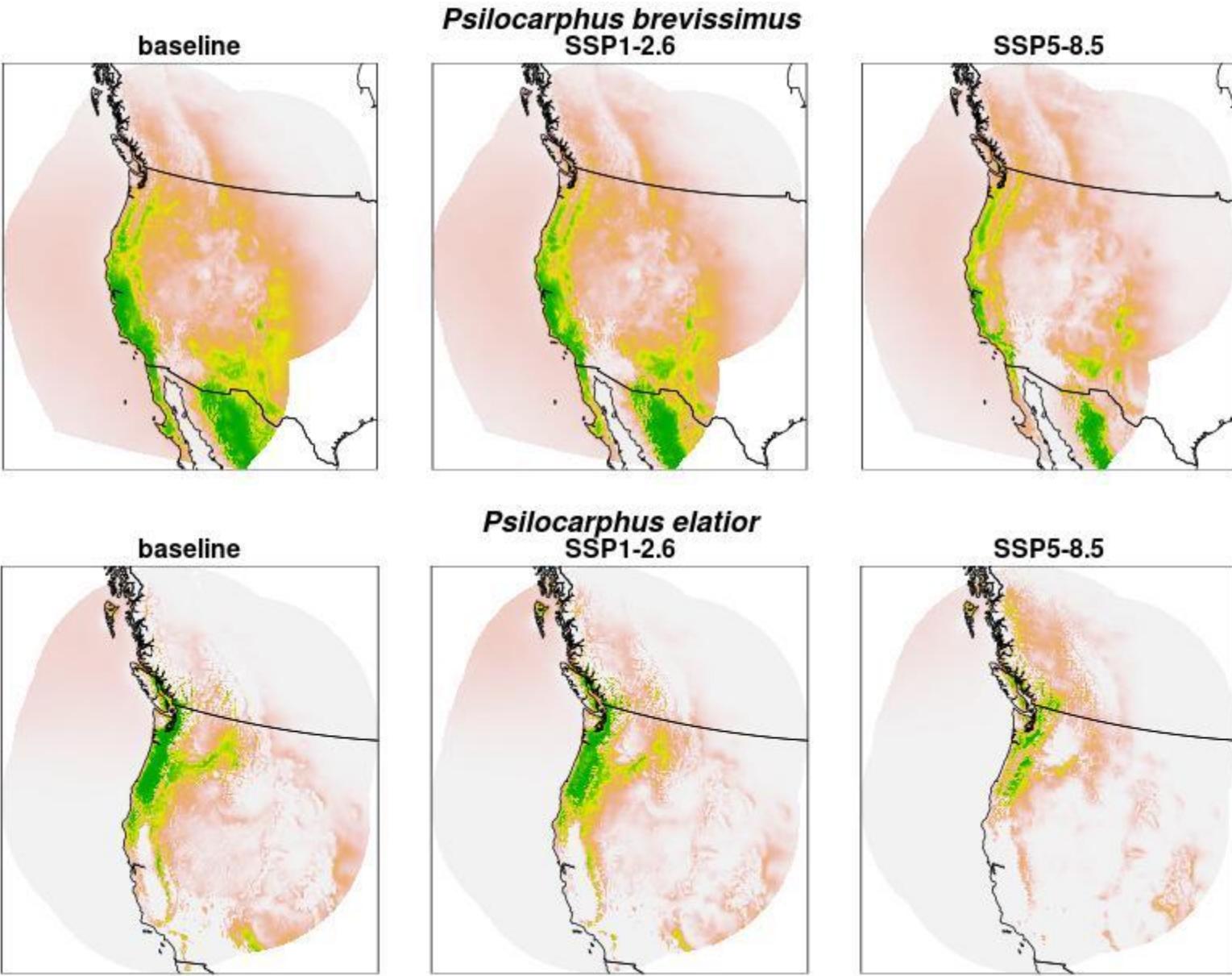


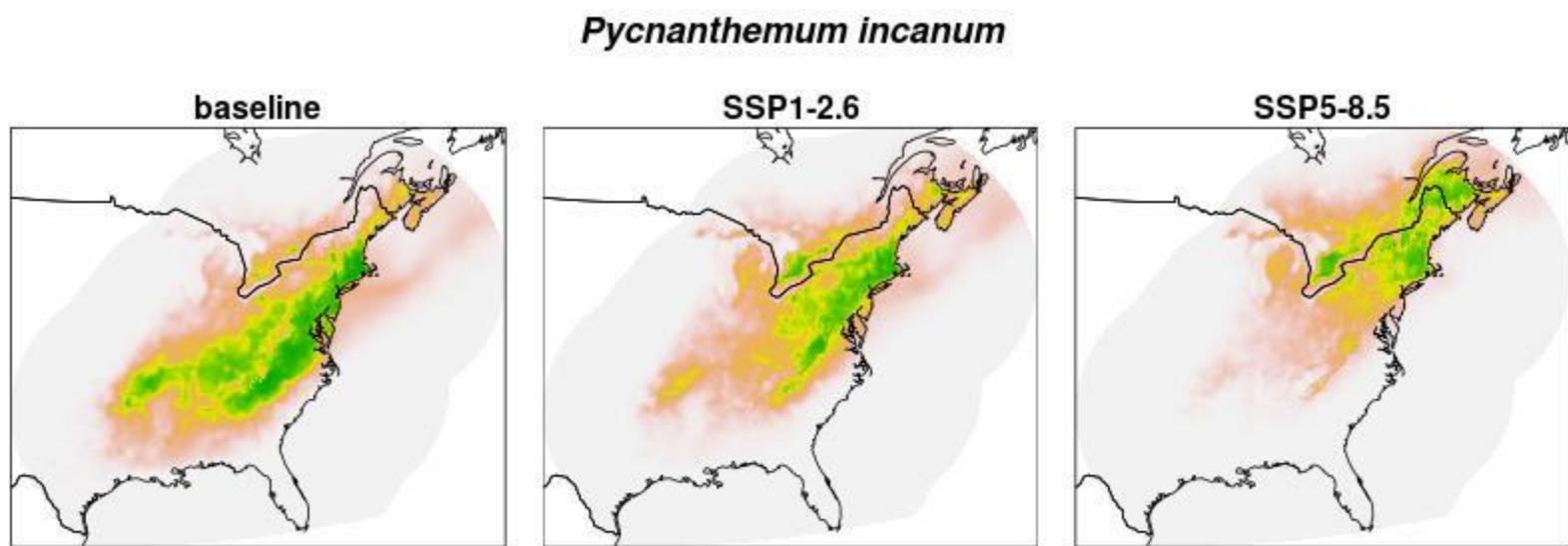
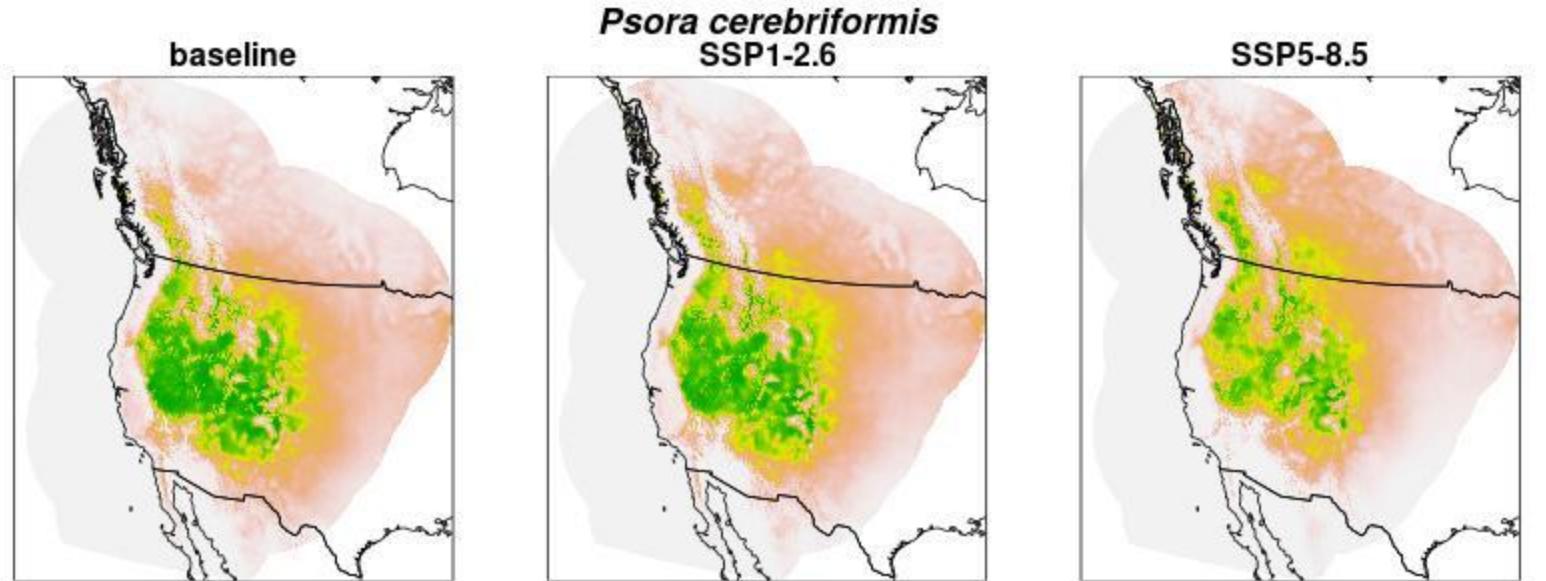
*Polystichum scopulinum*



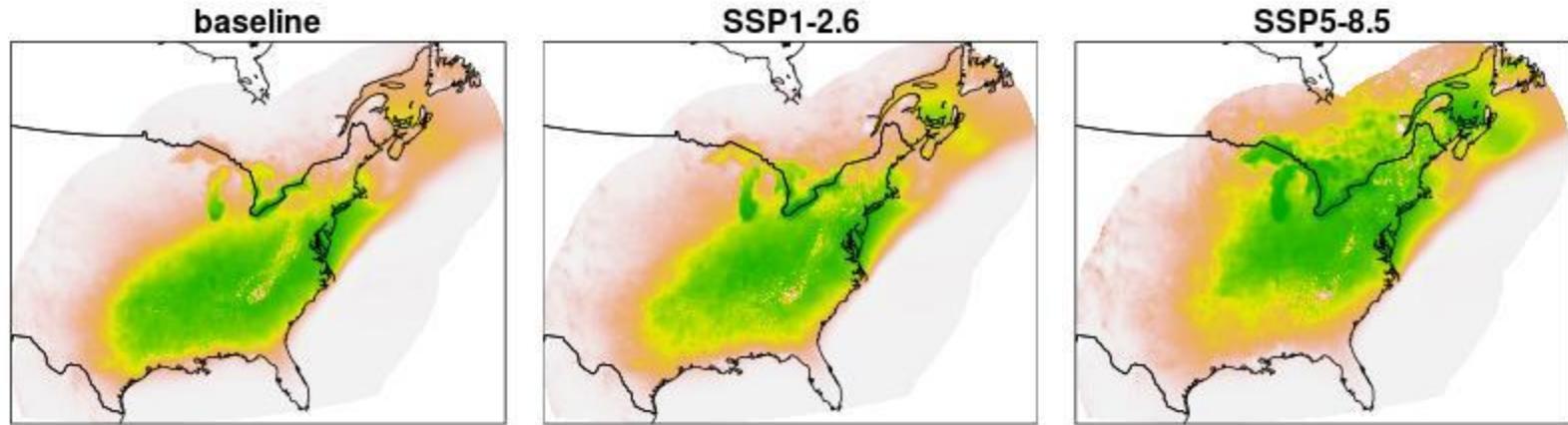
*Potamogeton hillii*



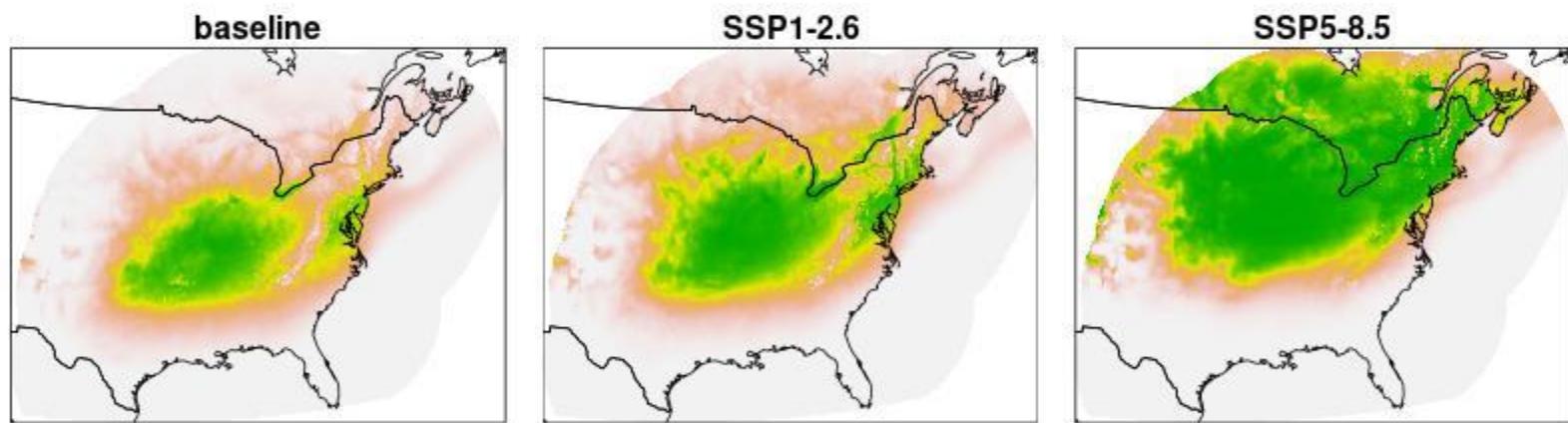




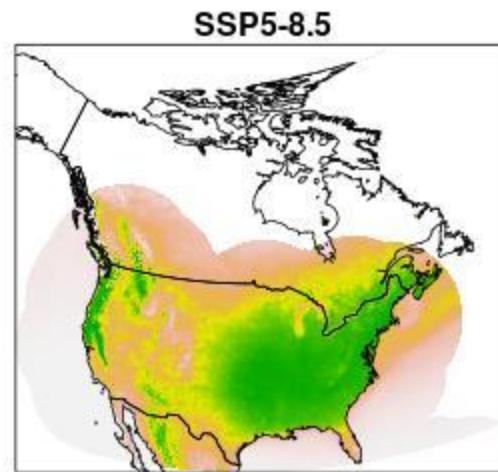
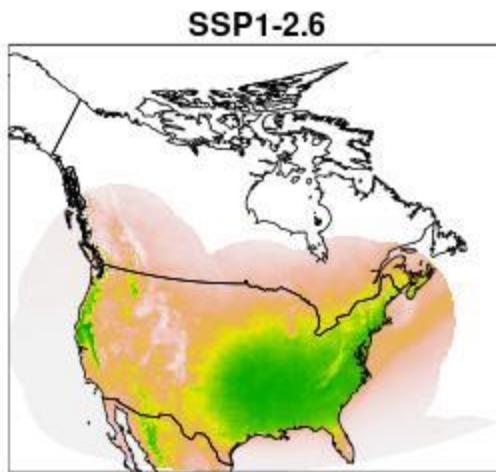
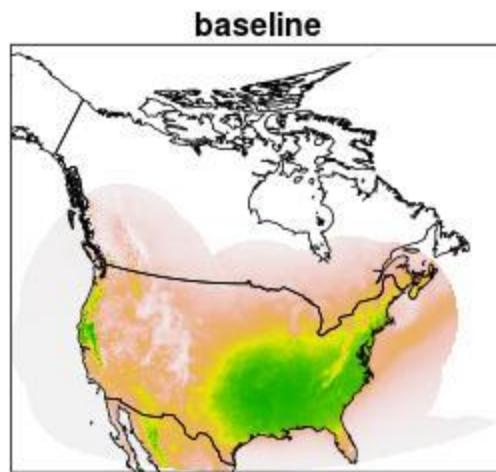
*Rhynchospora macrostachya*



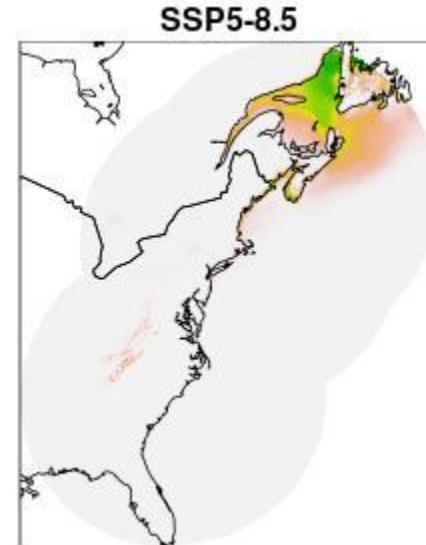
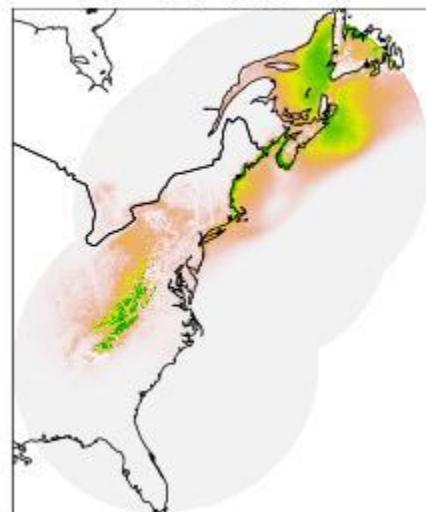
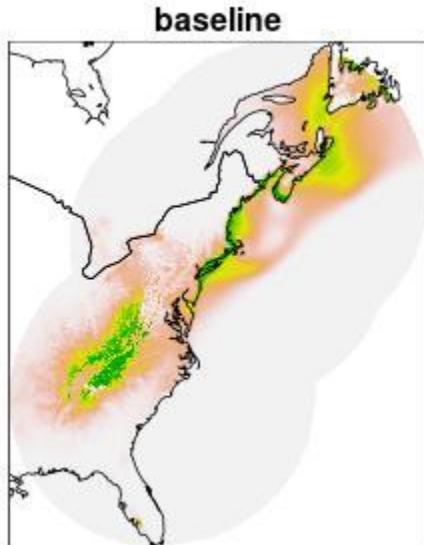
*Rosa setigera*



*Rotala ramosior*

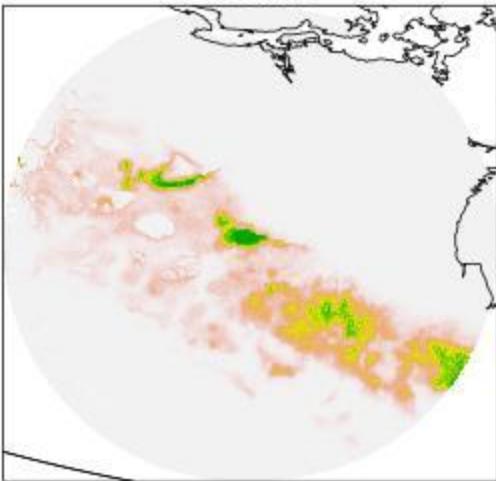


*Sabatia kennedyana*  
SSP1-2.6

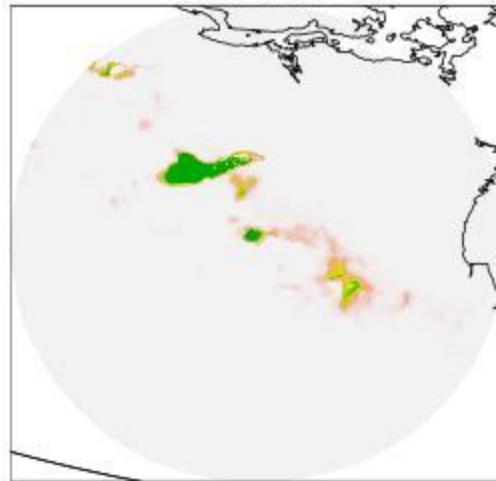


*Salix brachycarpa*

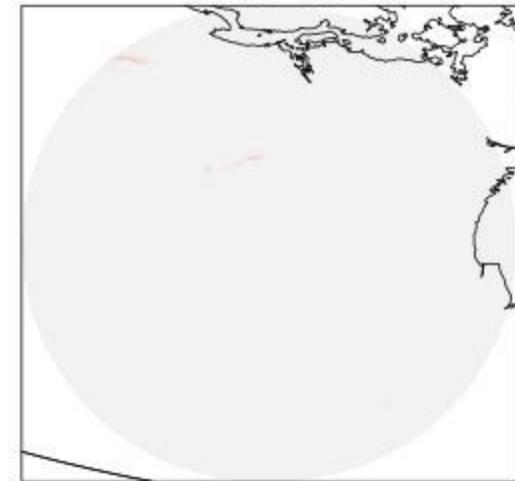
baseline



SSP1-2.6

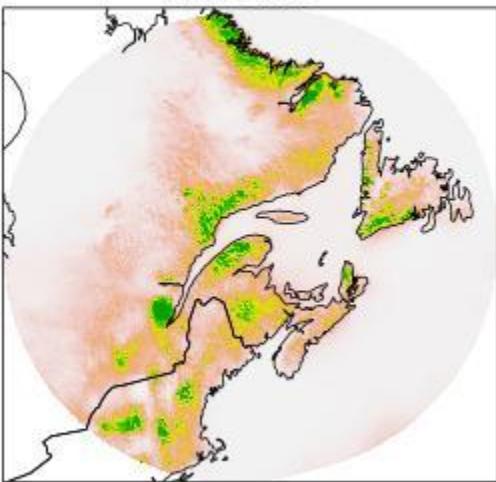


SSP5-8.5

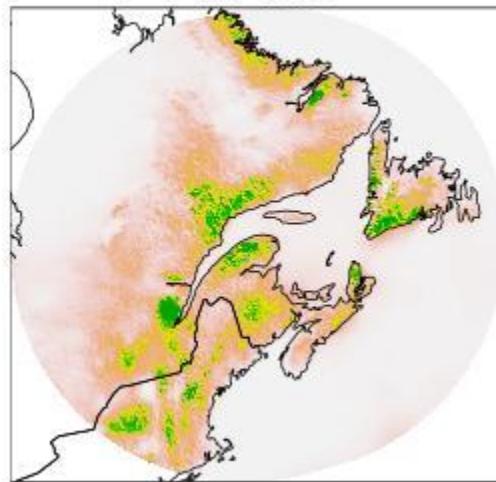


*Salix chlorolepis*

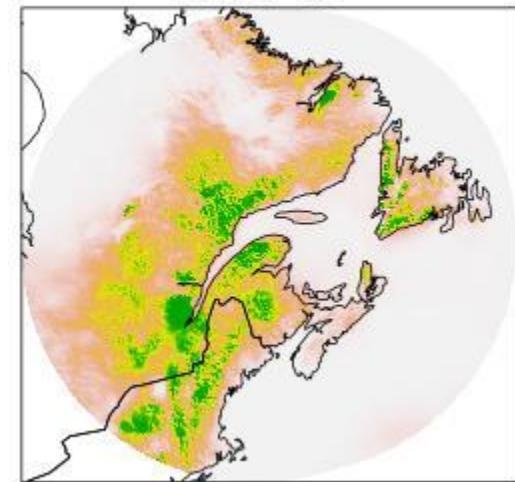
baseline

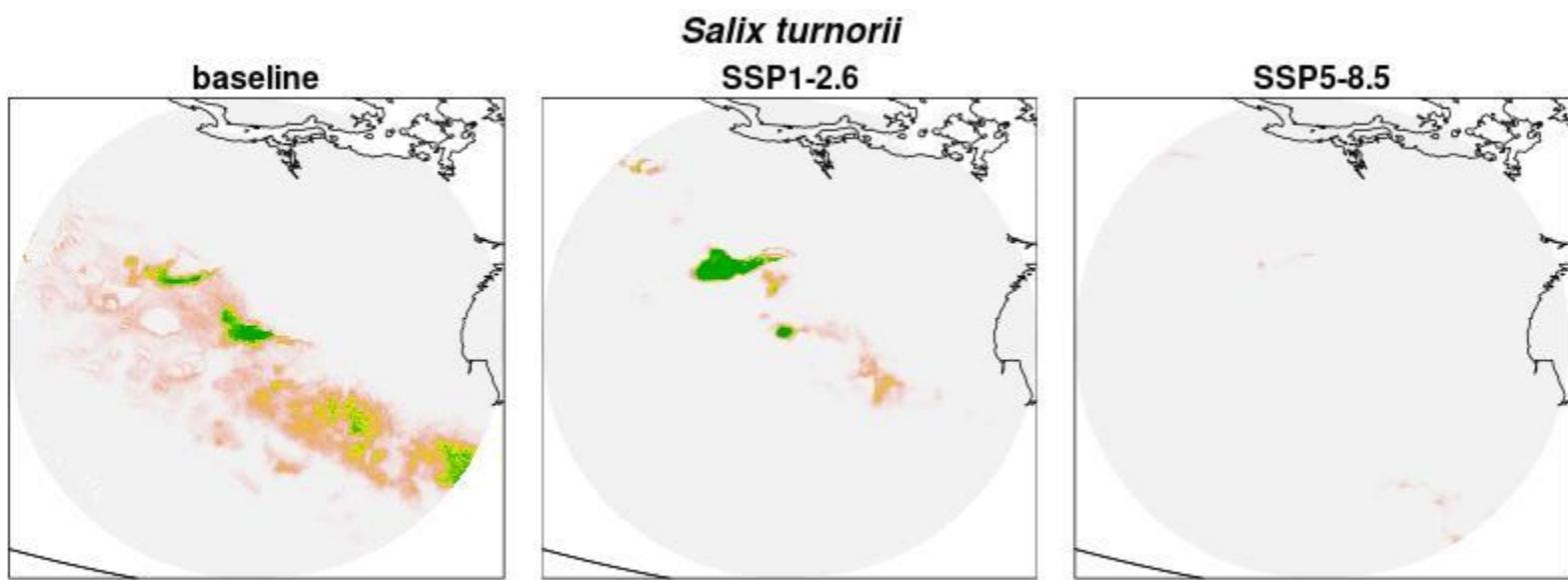
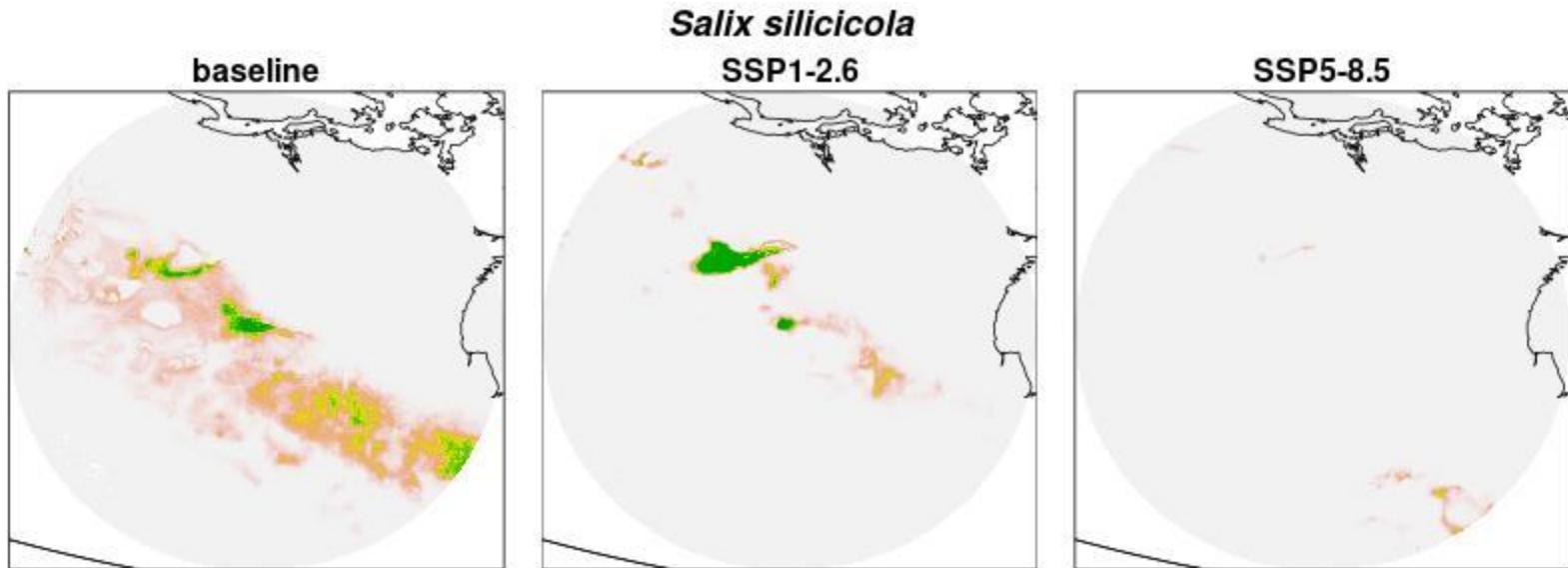


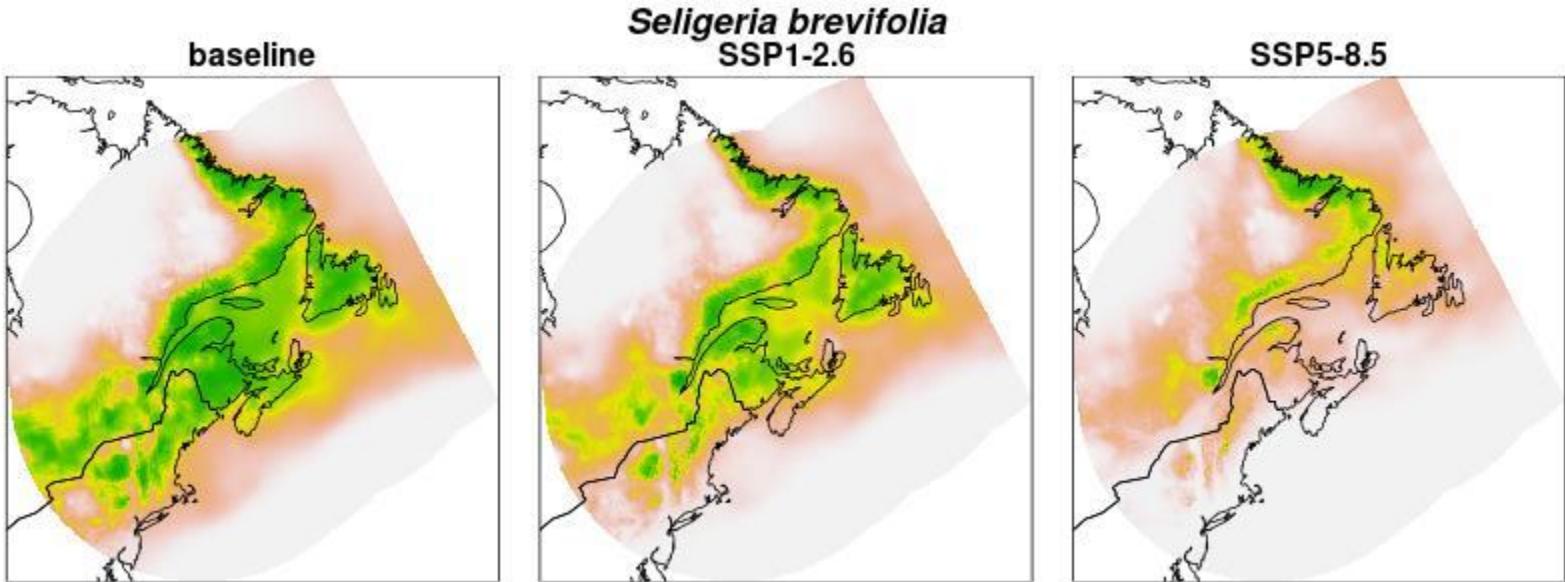
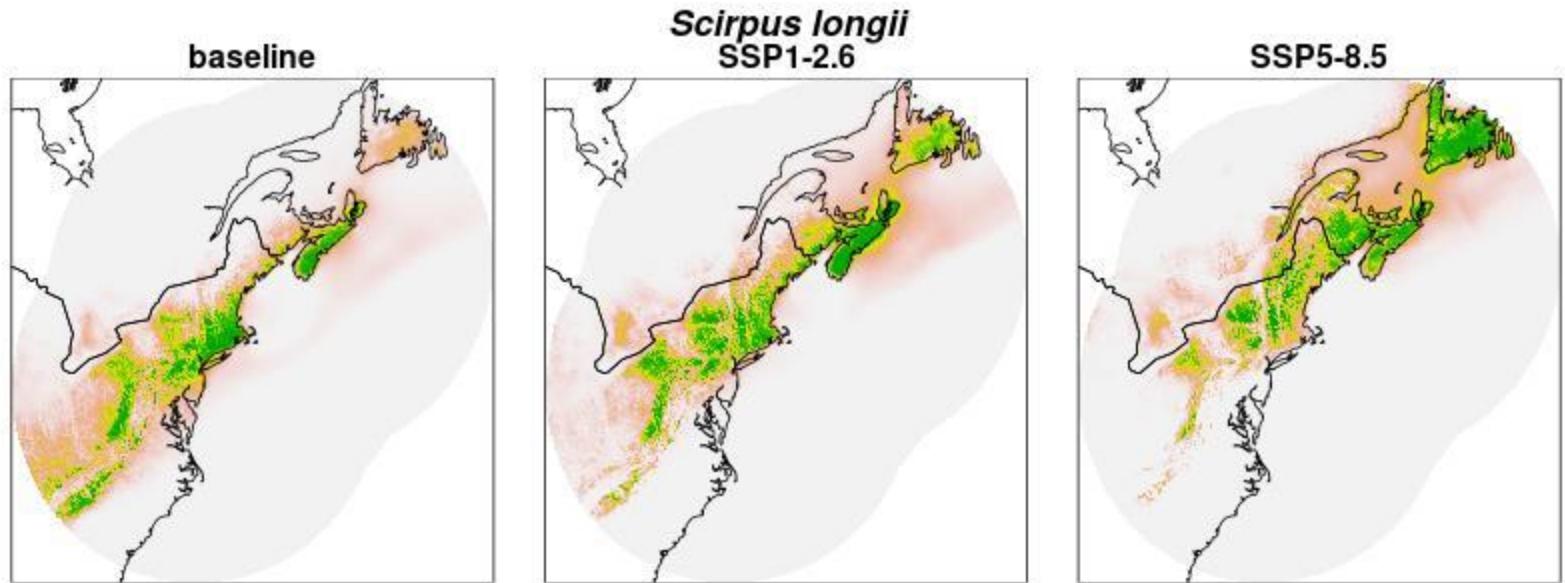
SSP1-2.6



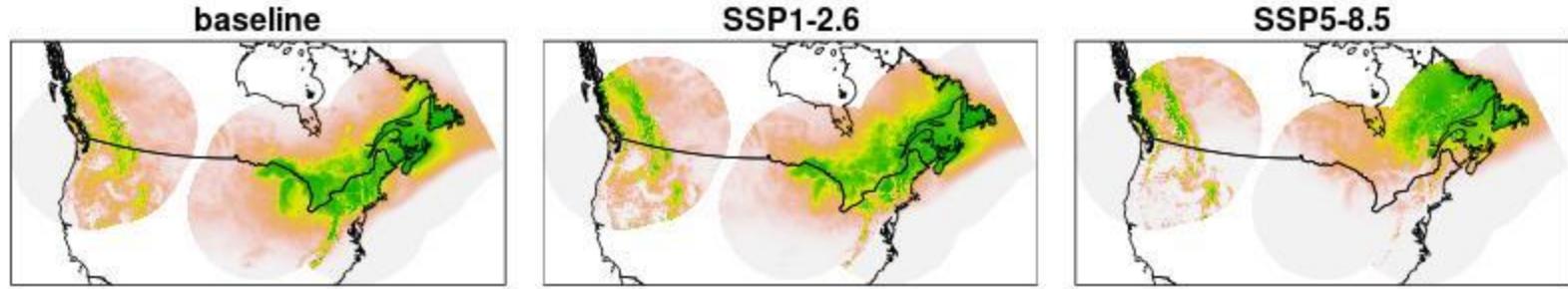
SSP5-8.5



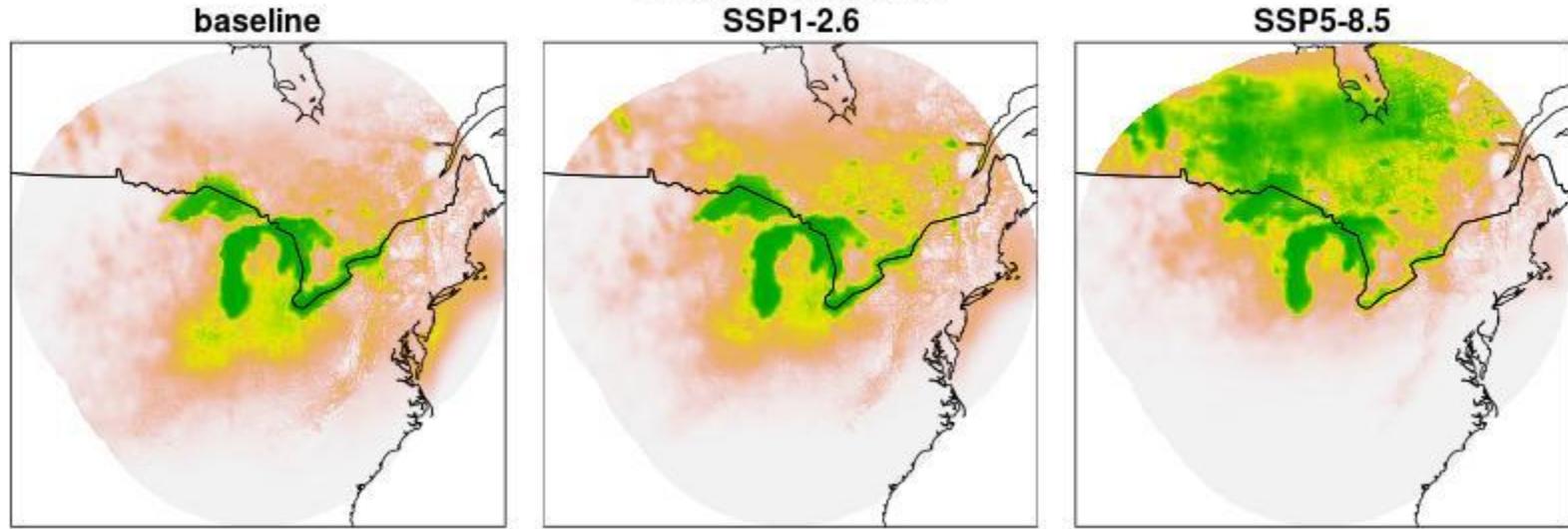




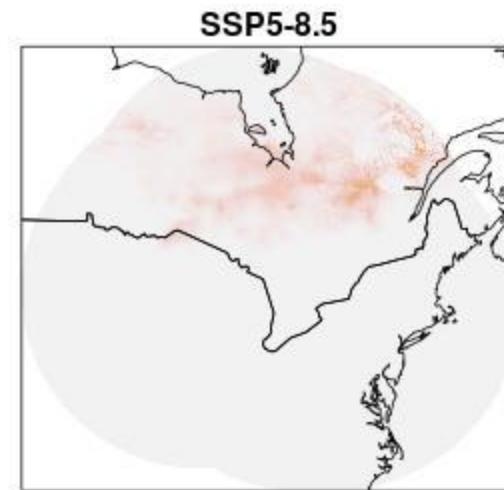
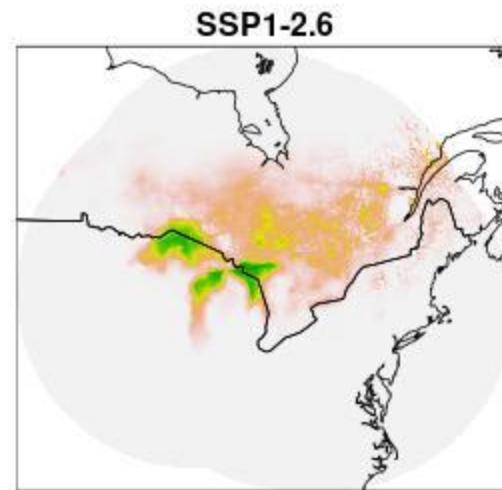
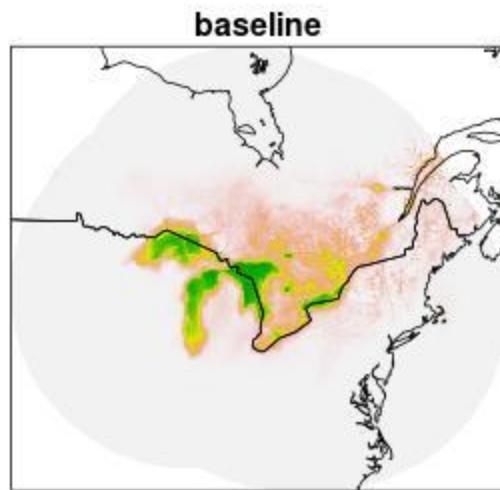
*Seligeria recurvata*



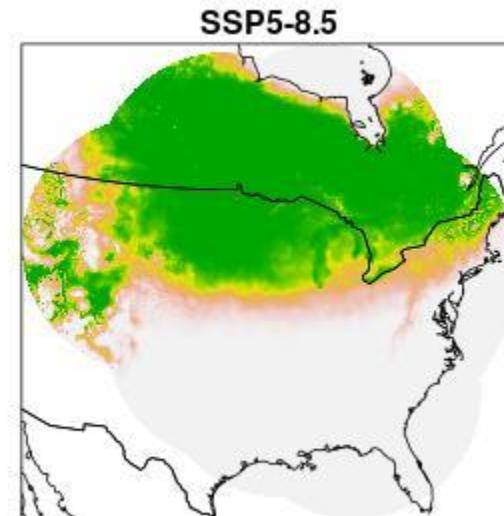
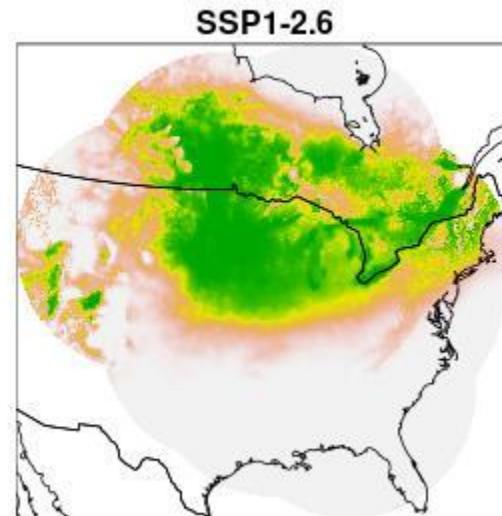
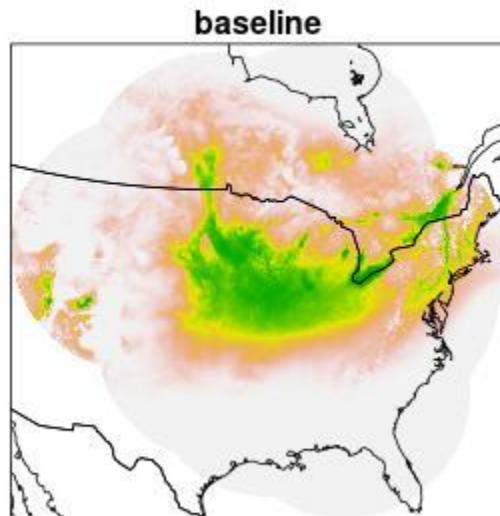
*Solidago gillmanii*



*Solidago houghtonii*

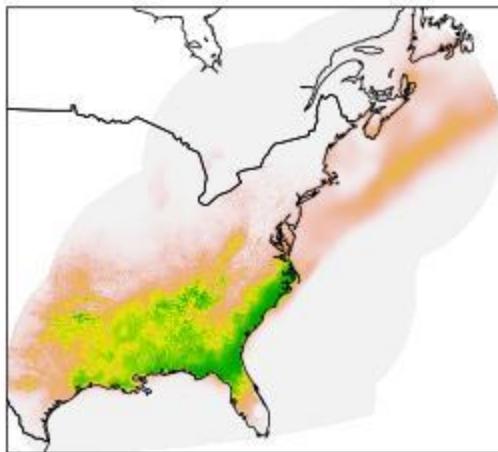


*Solidago riddellii*

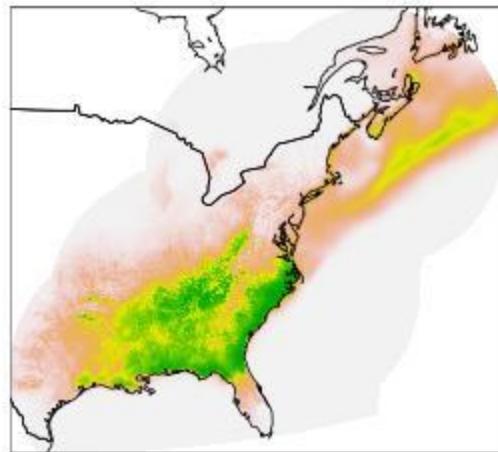


*Sphagnum cyclophyllum*

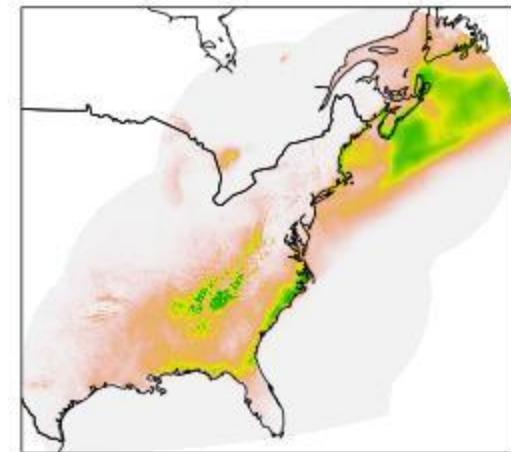
baseline



SSP1-2.6

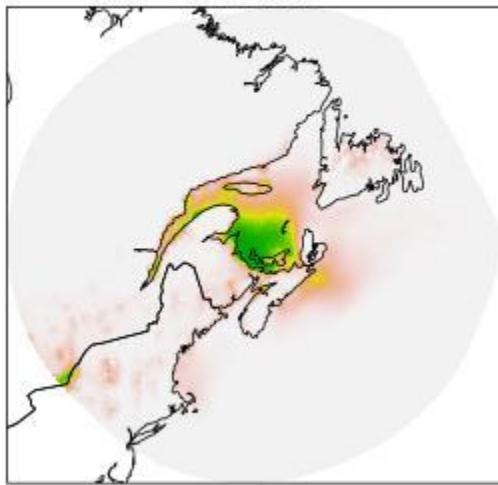


SSP5-8.5

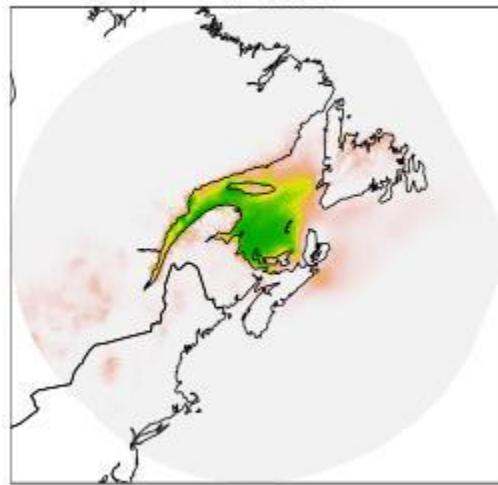


*Sympyotrichum laurientianum*

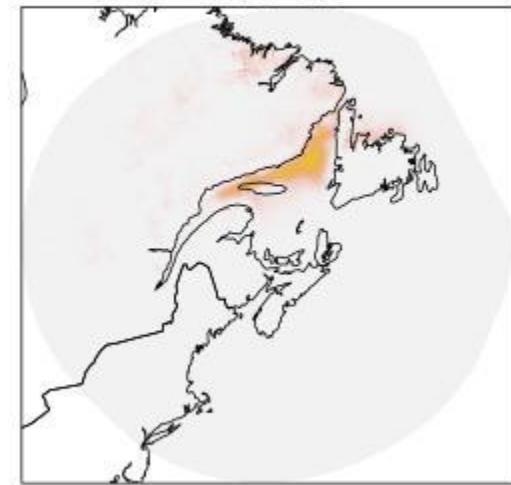
baseline



SSP1-2.6

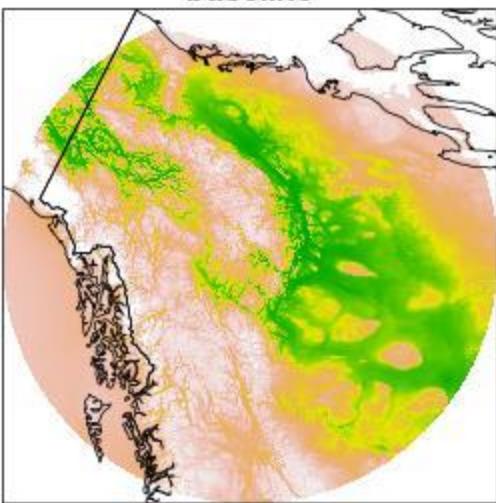


SSP5-8.5

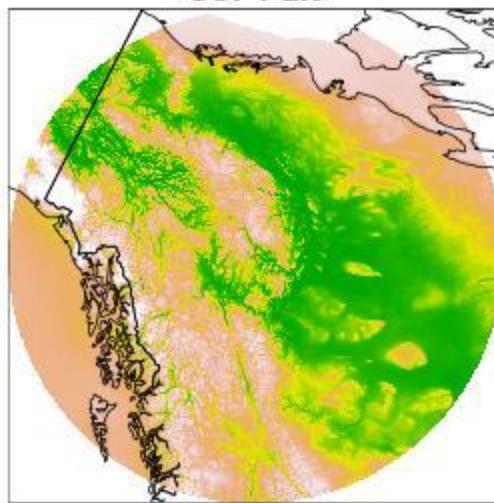


*Symphyotrichum nahaniense*

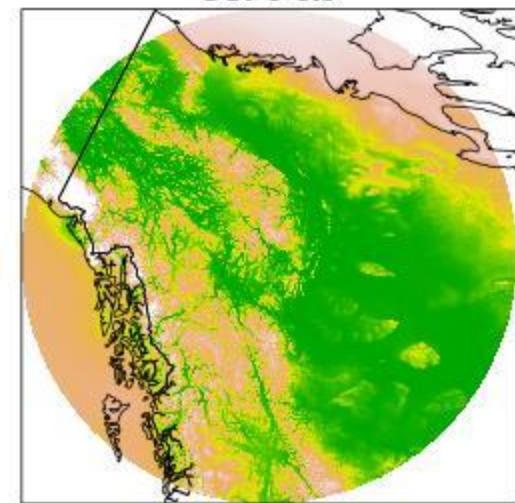
baseline



SSP1-2.6

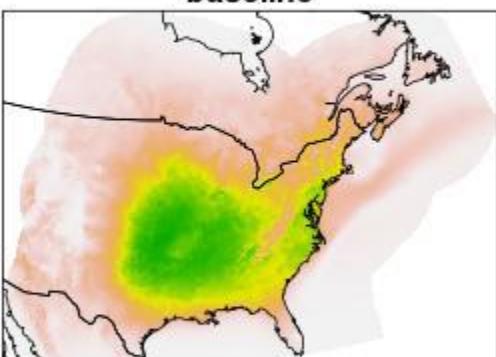


SSP5-8.5

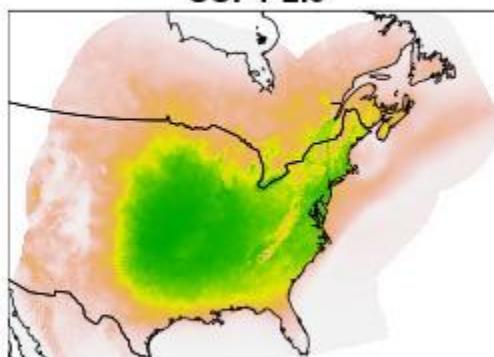


*Symphyotrichum praealtum*

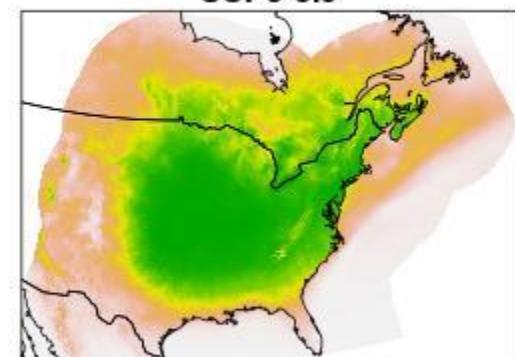
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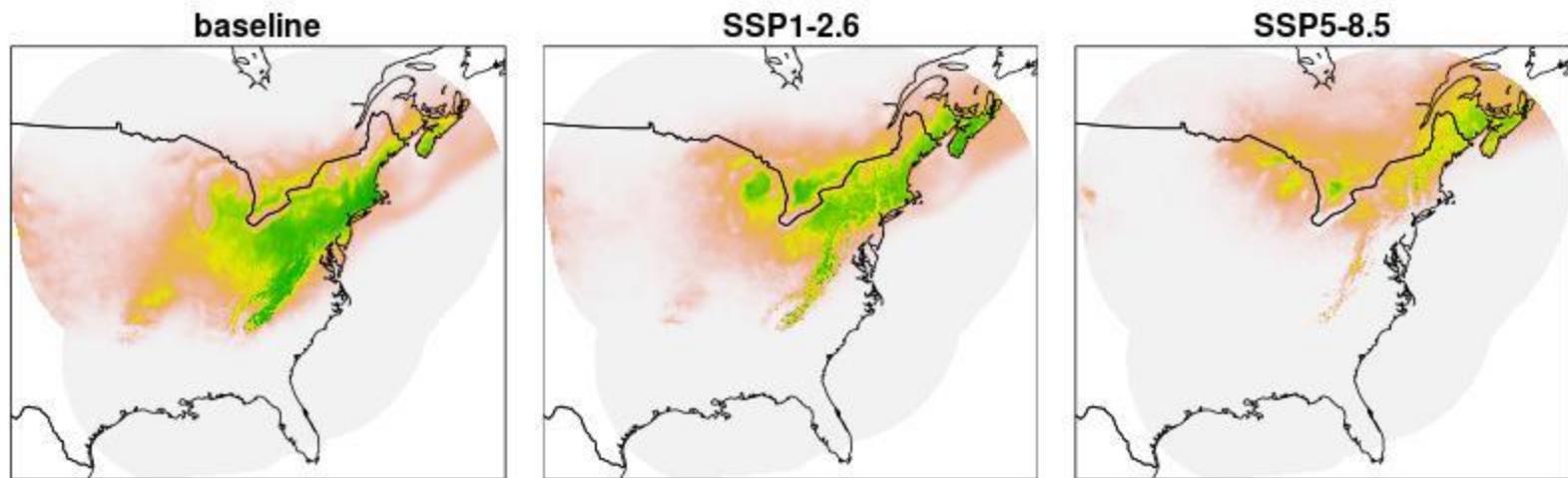
SSP1-2.6



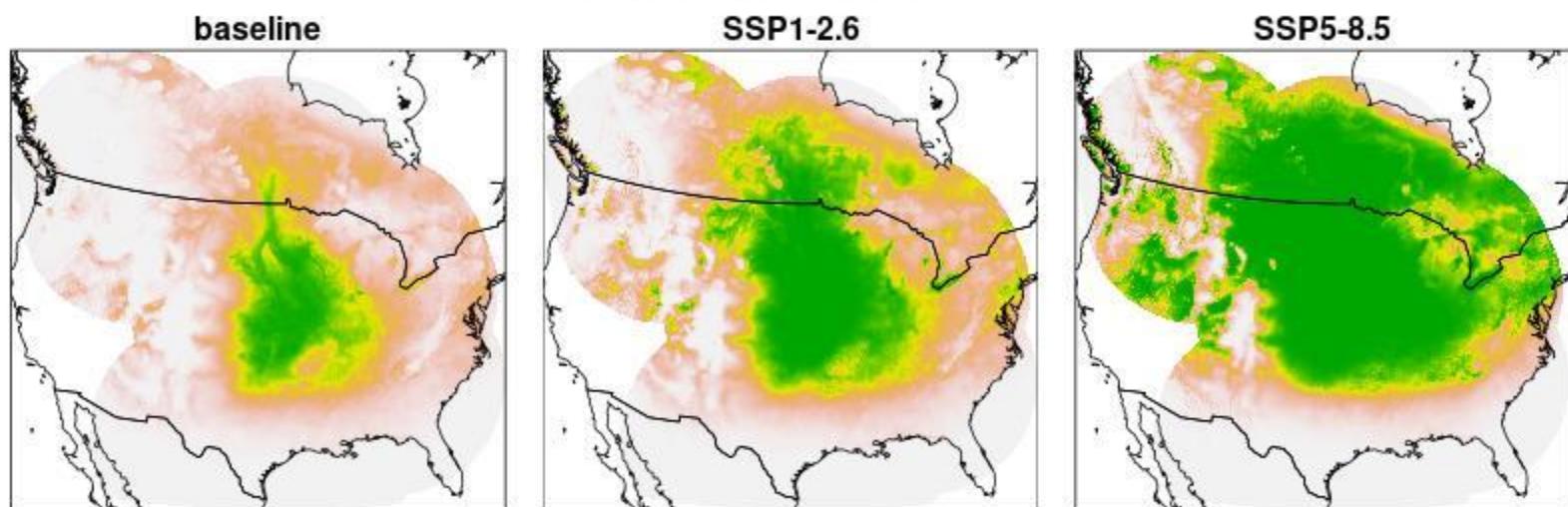
SSP5-8.5



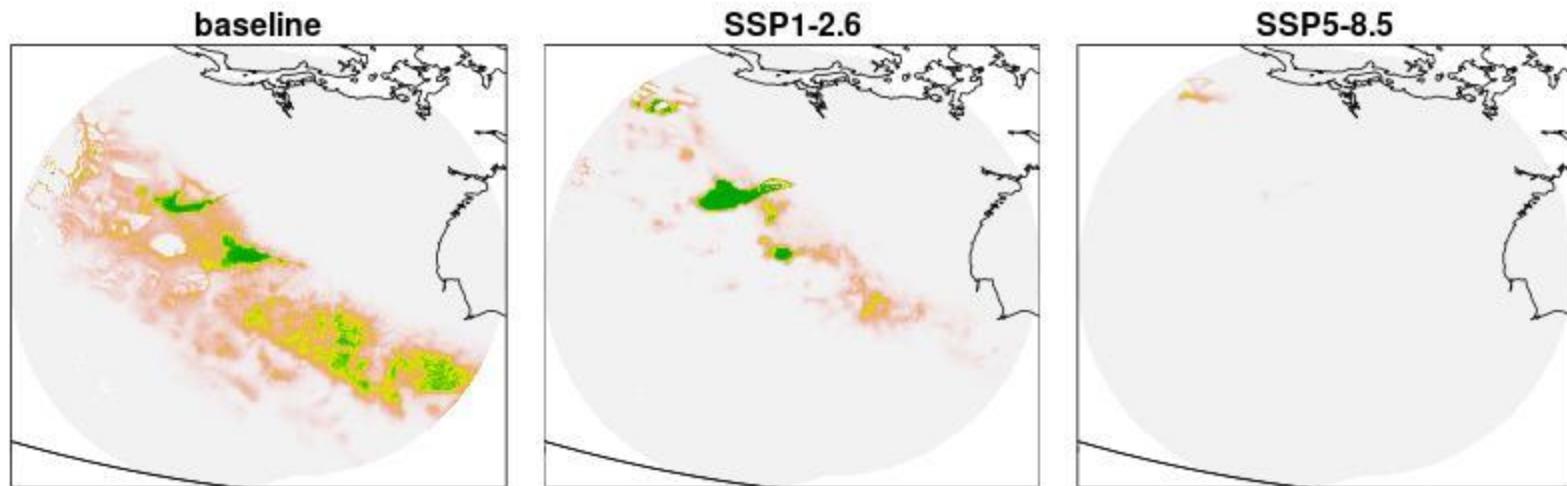
*Symphyotrichum prenanthoides*



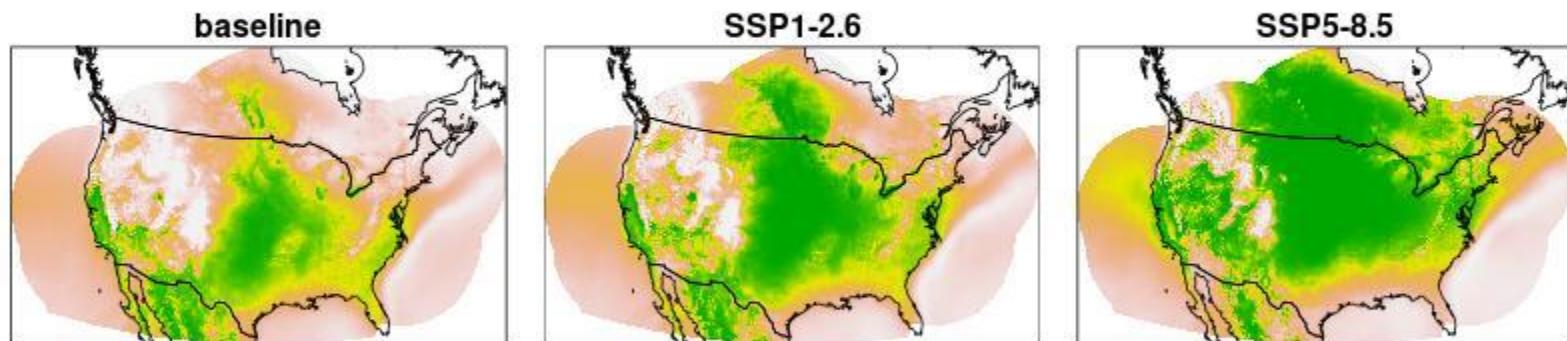
*Symphyotrichum sericeum*



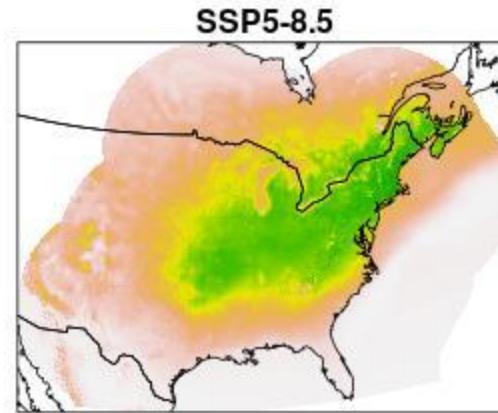
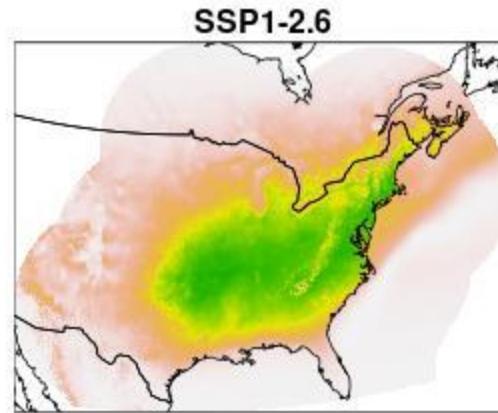
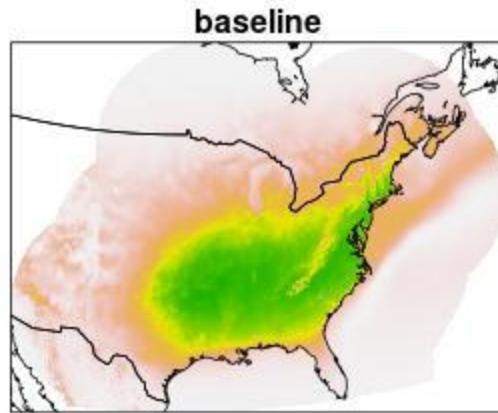
*Tanacetum bipinnatum*



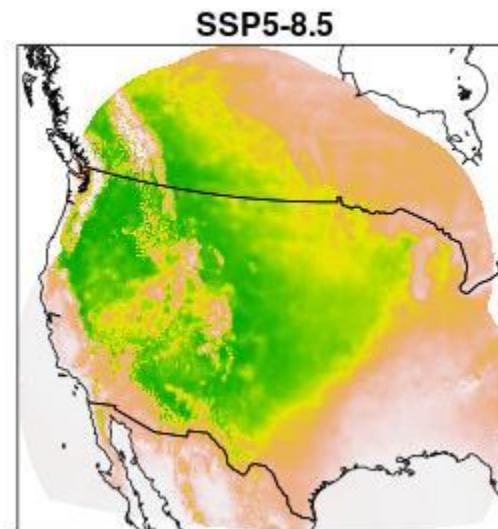
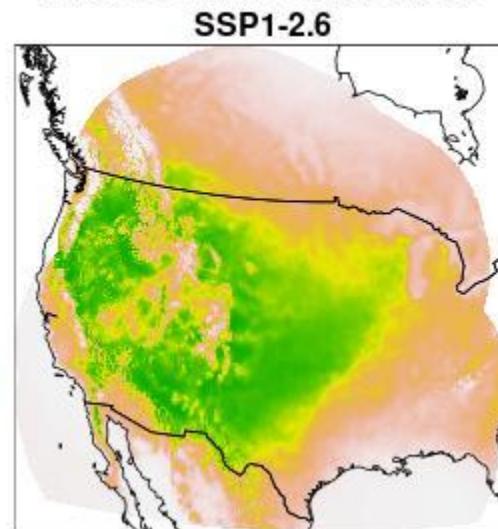
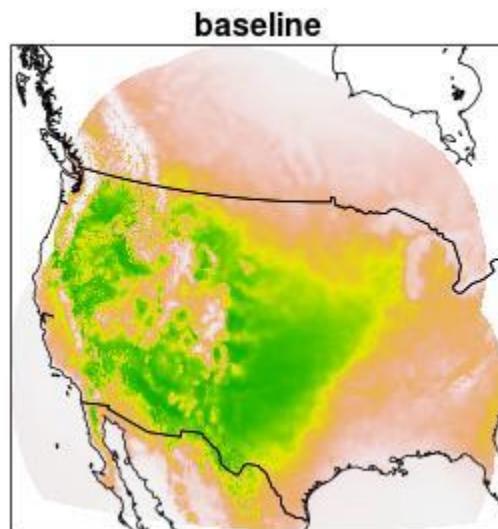
*Teloschistes chrysophthalmus*



*Tephrosia virginiana*

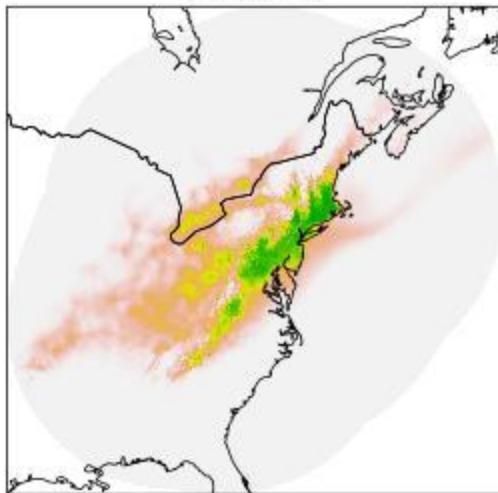


*Tradescantia occidentalis*

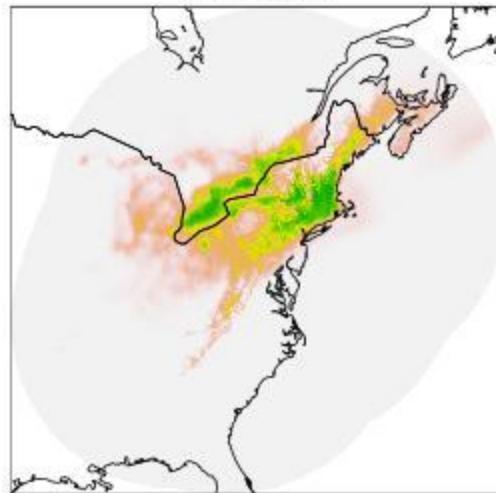


*Trichophorum planifolium*

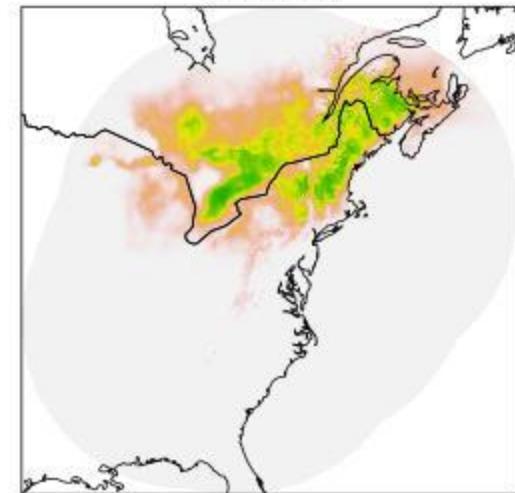
baseline



SSP1-2.6

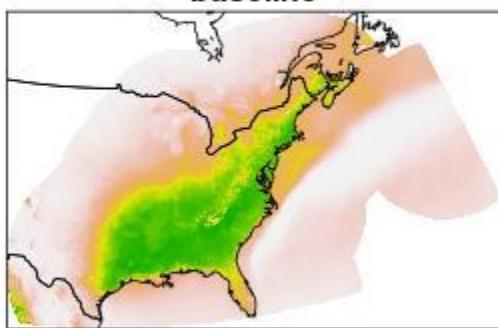


SSP5-8.5

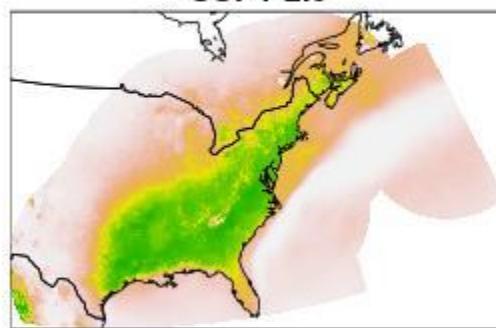


*Trichostema dichotomum*

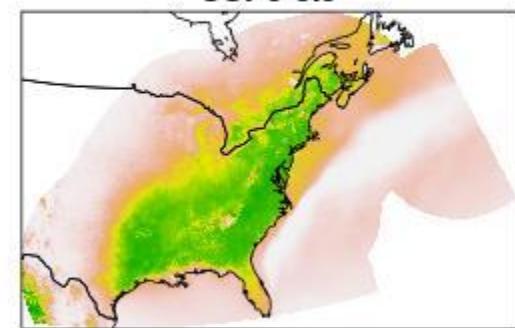
baseline



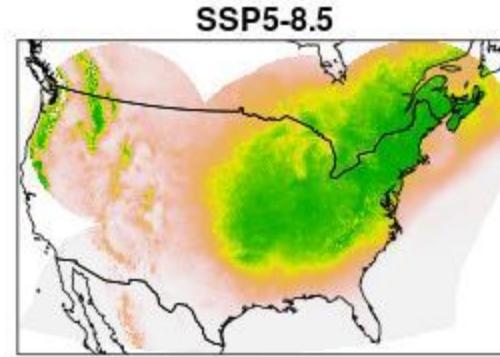
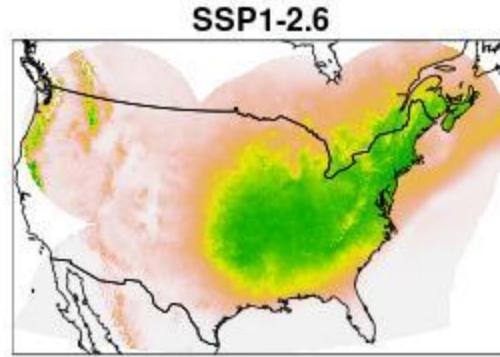
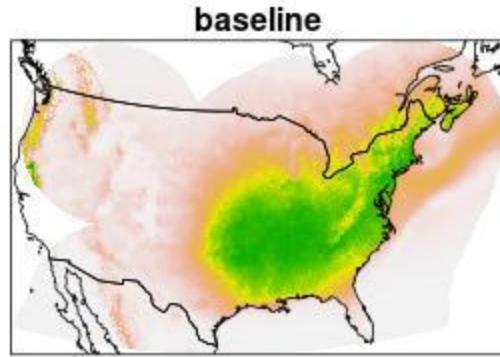
SSP1-2.6



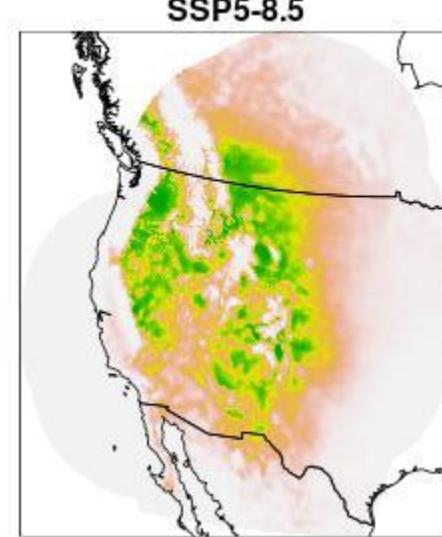
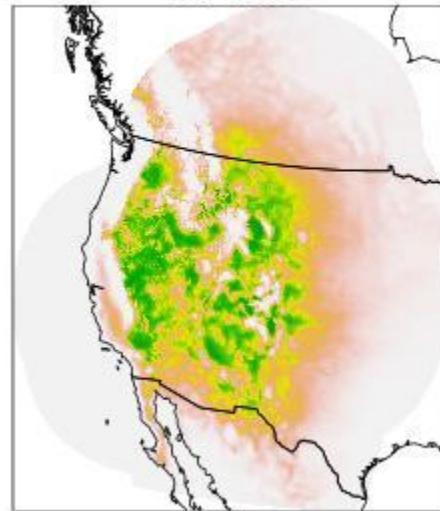
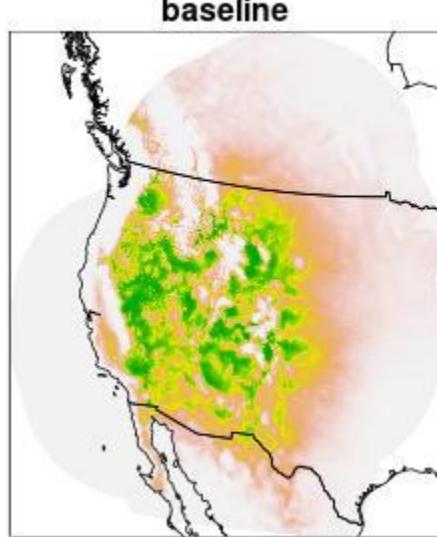
SSP5-8.5

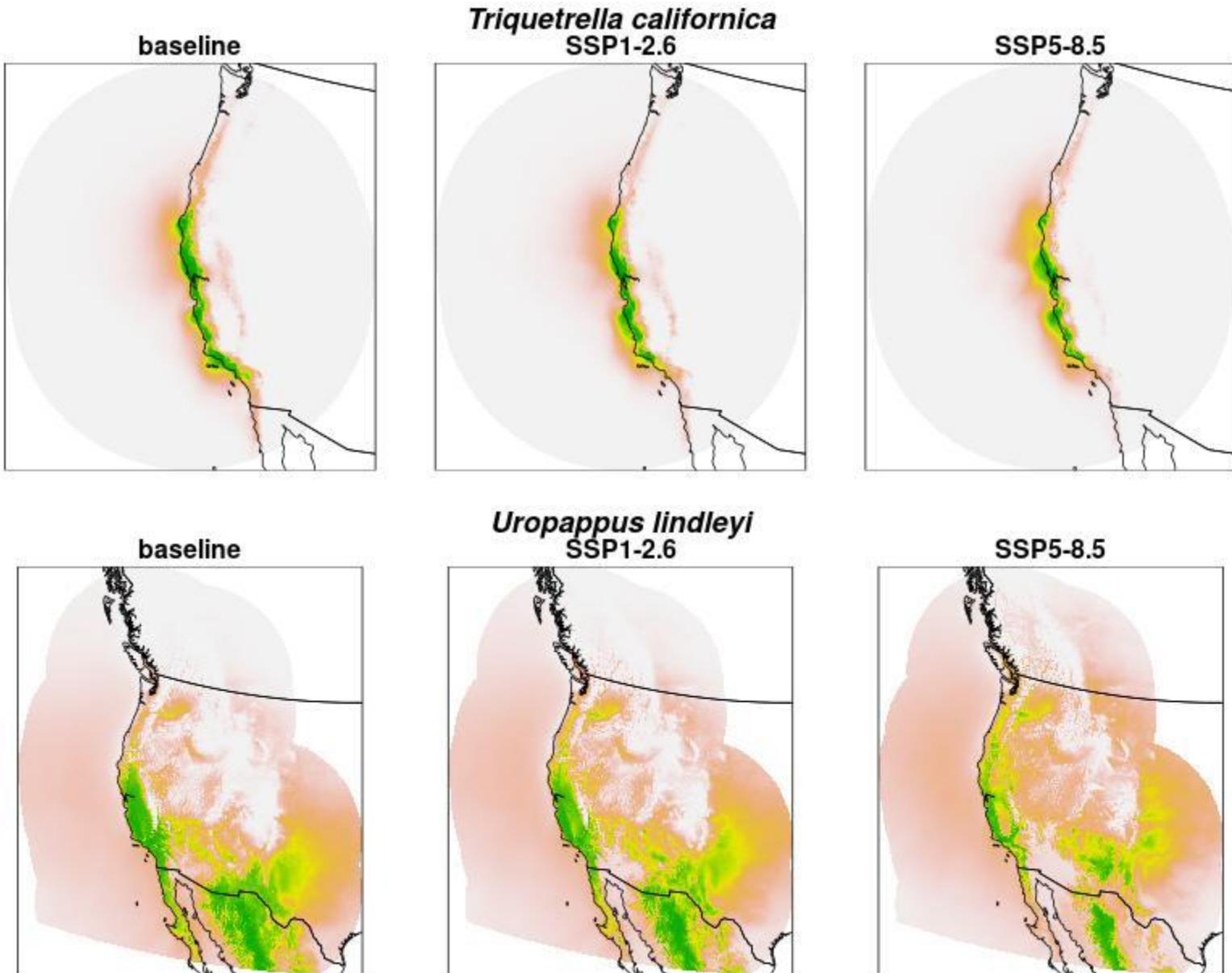


*Triphora trianthophoros*

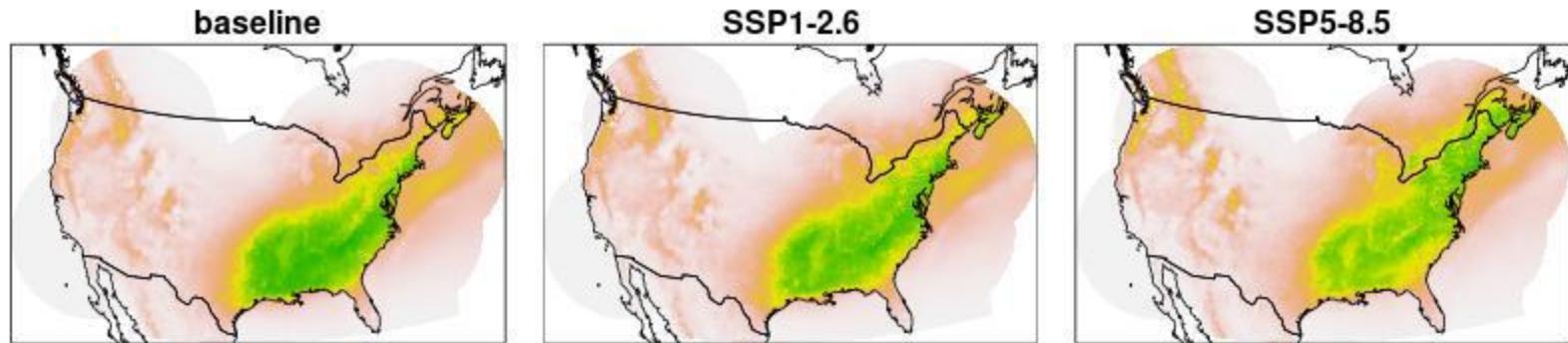


*Tripterocalyx micranthus*  
SSP1-2.6

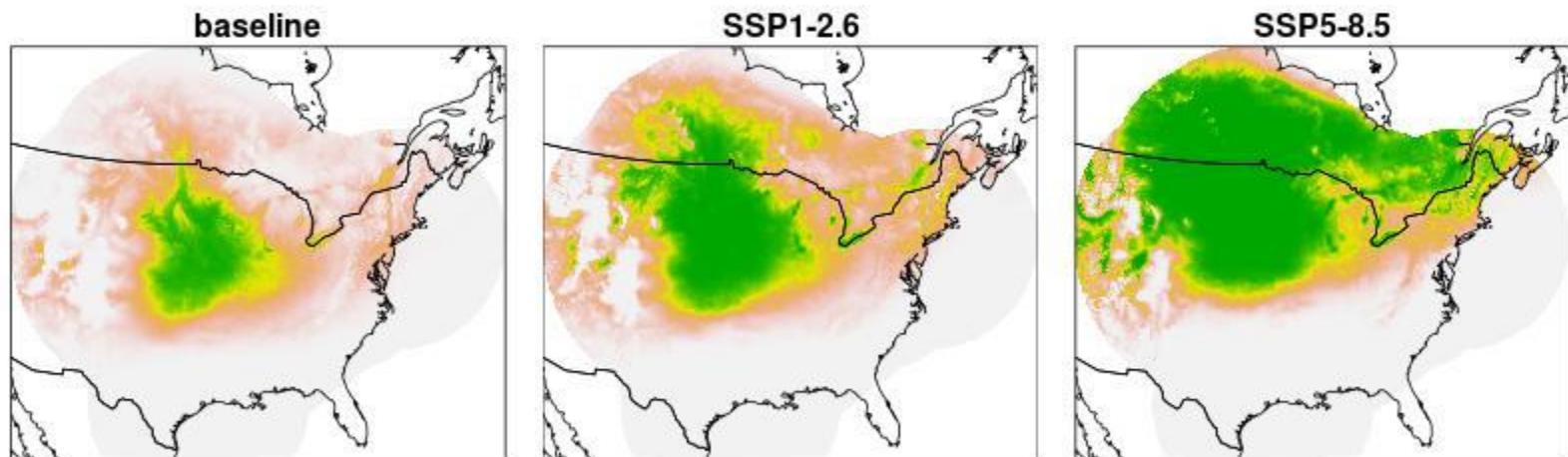




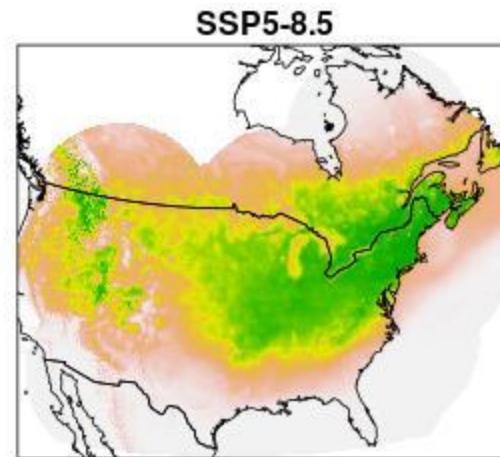
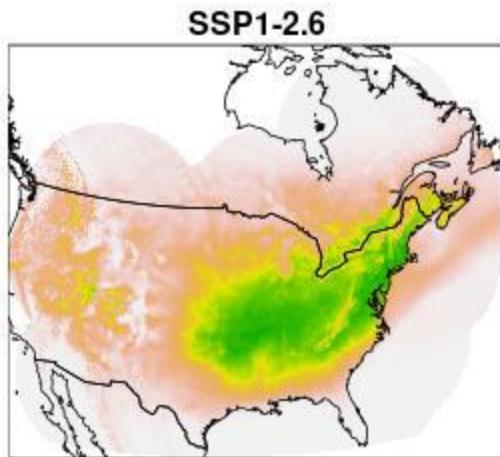
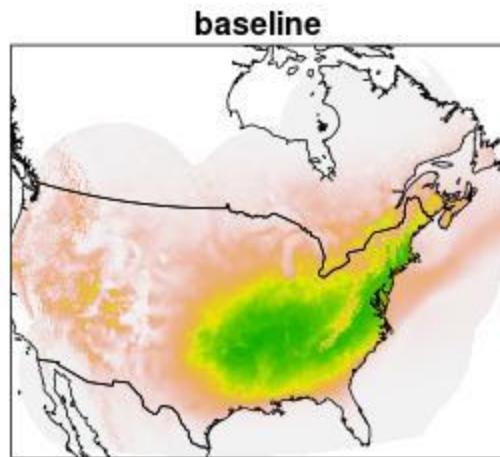
*Vaccinium stamineum*



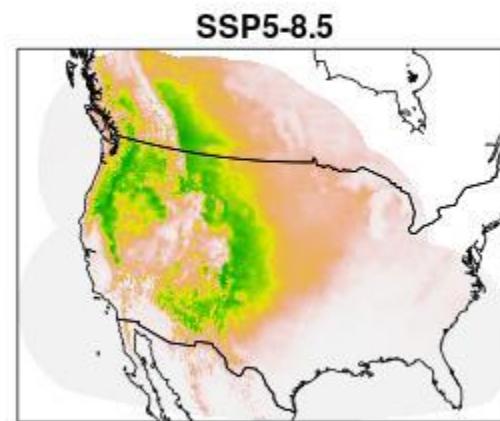
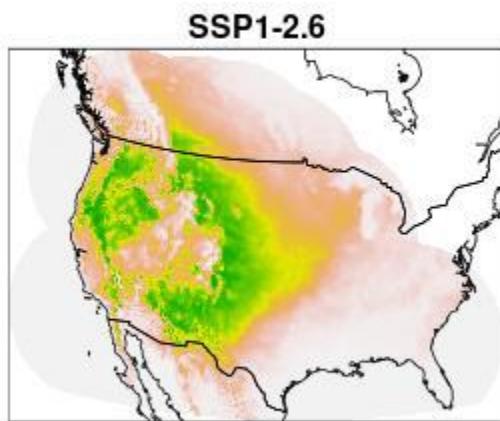
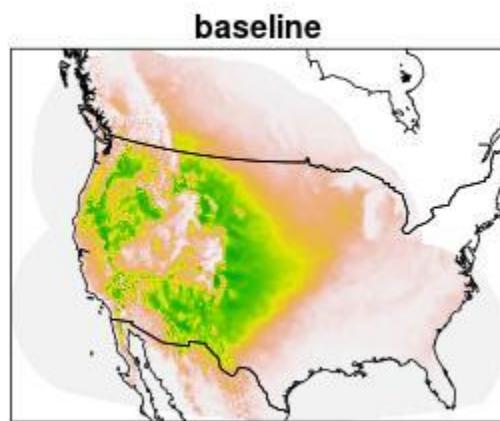
*Vernonia fasciculata*



*Woodsia obtusa*



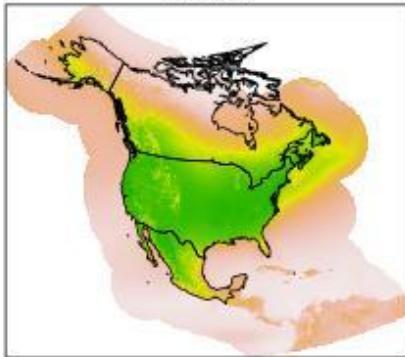
*Yucca glauca*



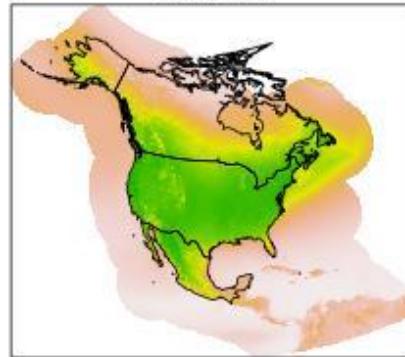
**Online supplement 2.** Rasters of baseline and projected models for each species included in Chapter 5. Green regions represent areas of high climatic suitability; peach and grey indicate lower climatic suitability.

*Accipiter striatus*, SSP = 126

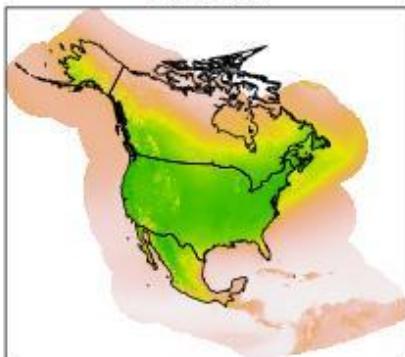
baseline



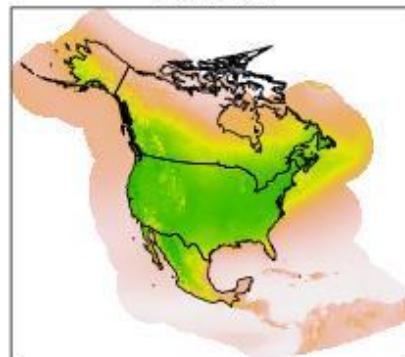
2011-2040



2041-2070

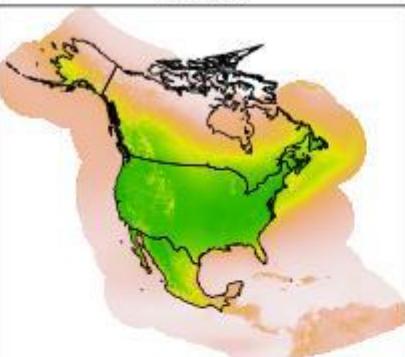


2071-2100

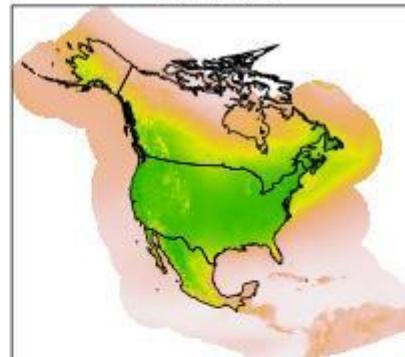


*Accipiter striatus*, SSP = 585

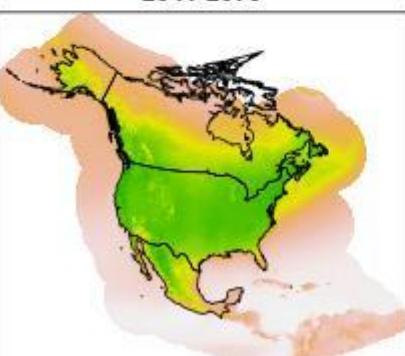
baseline



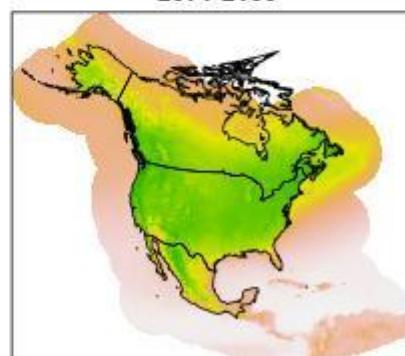
2011-2040



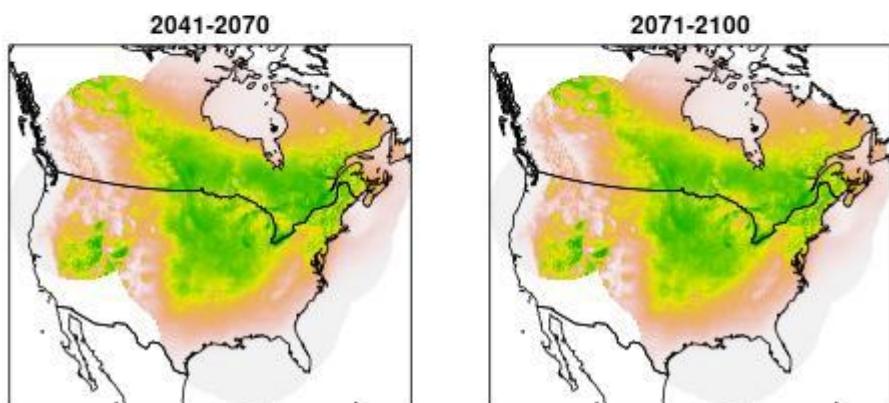
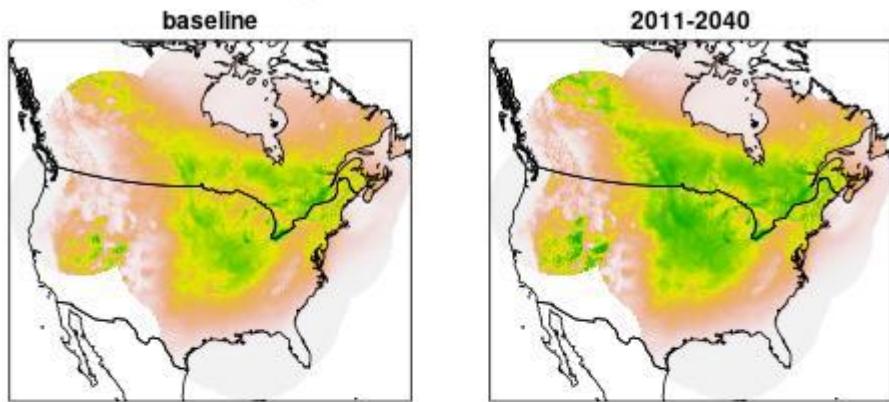
2041-2070



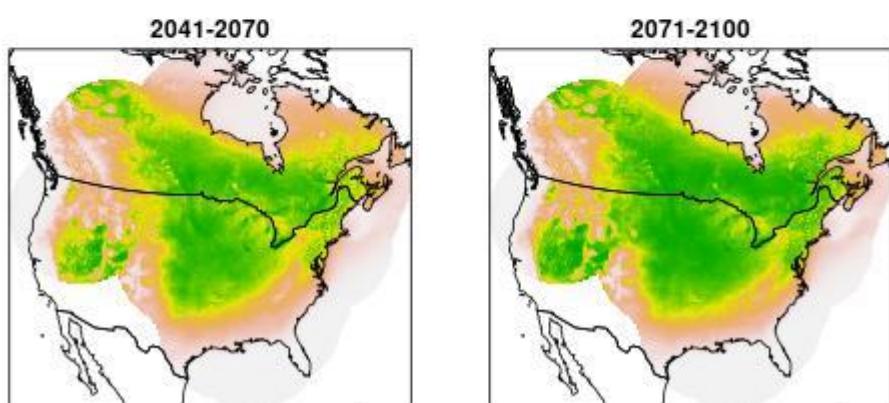
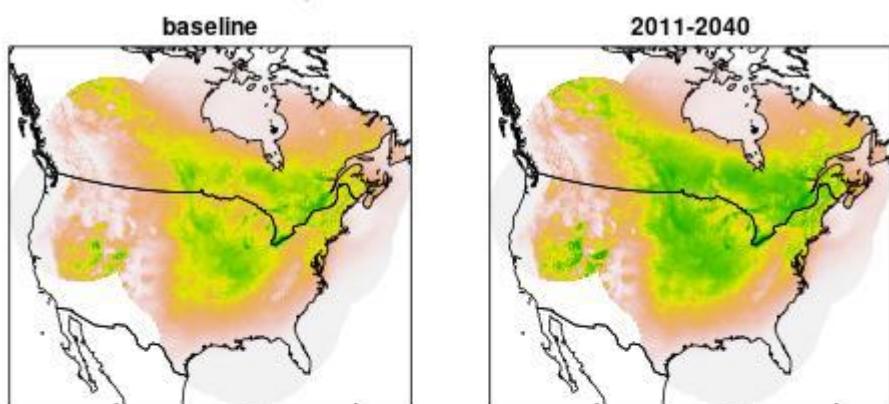
2071-2100



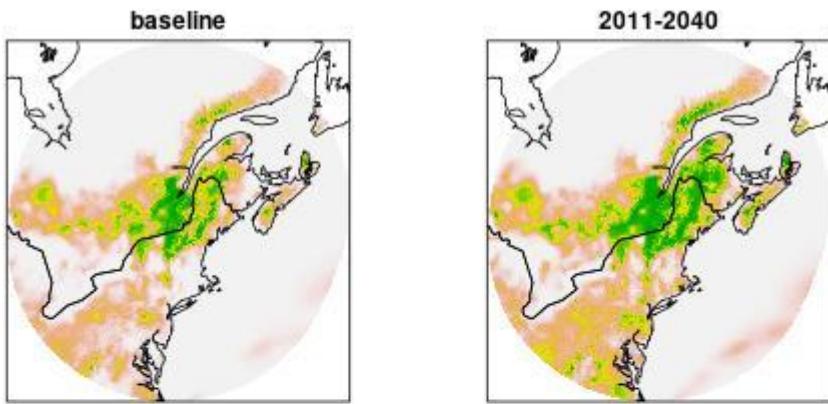
**Acipenser fulvescens, SSP = 126**



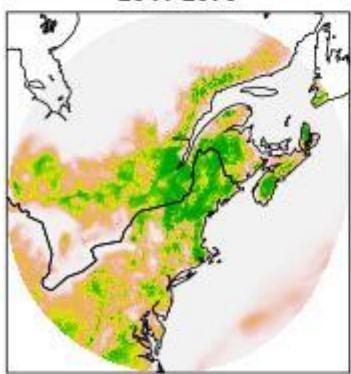
**Acipenser fulvescens, SSP = 585**



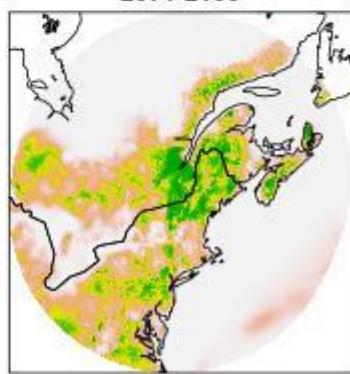
**Adiantum viridimontanum, SSP = 126**



2041-2070

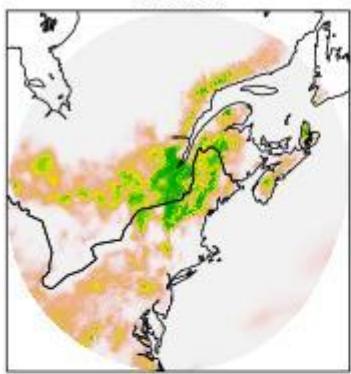


2071-2100

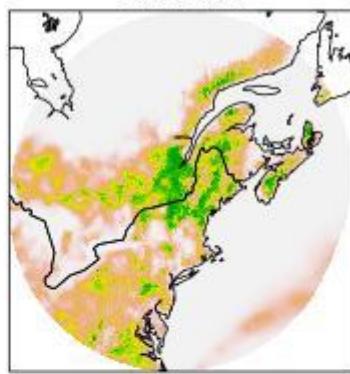


**Adiantum viridimontanum, SSP = 585**

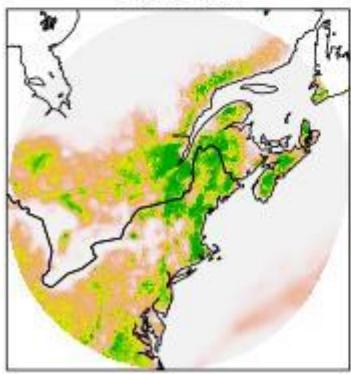
## baseline



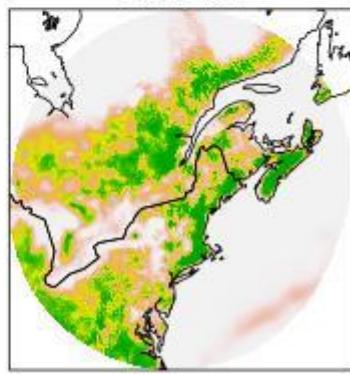
2011-2040



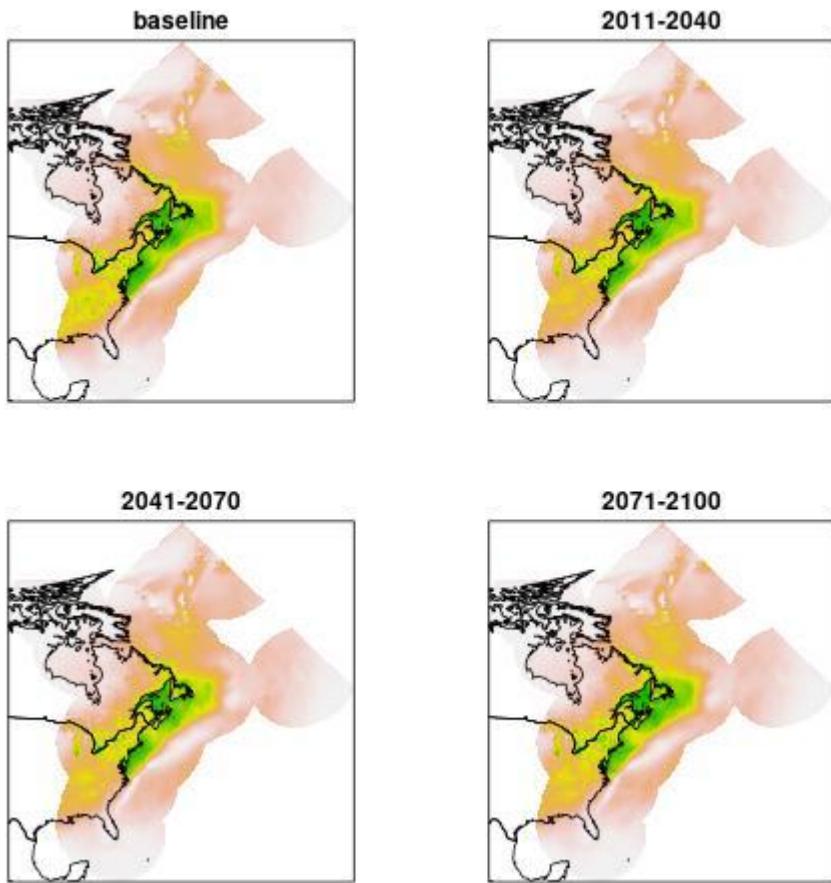
2041-2070



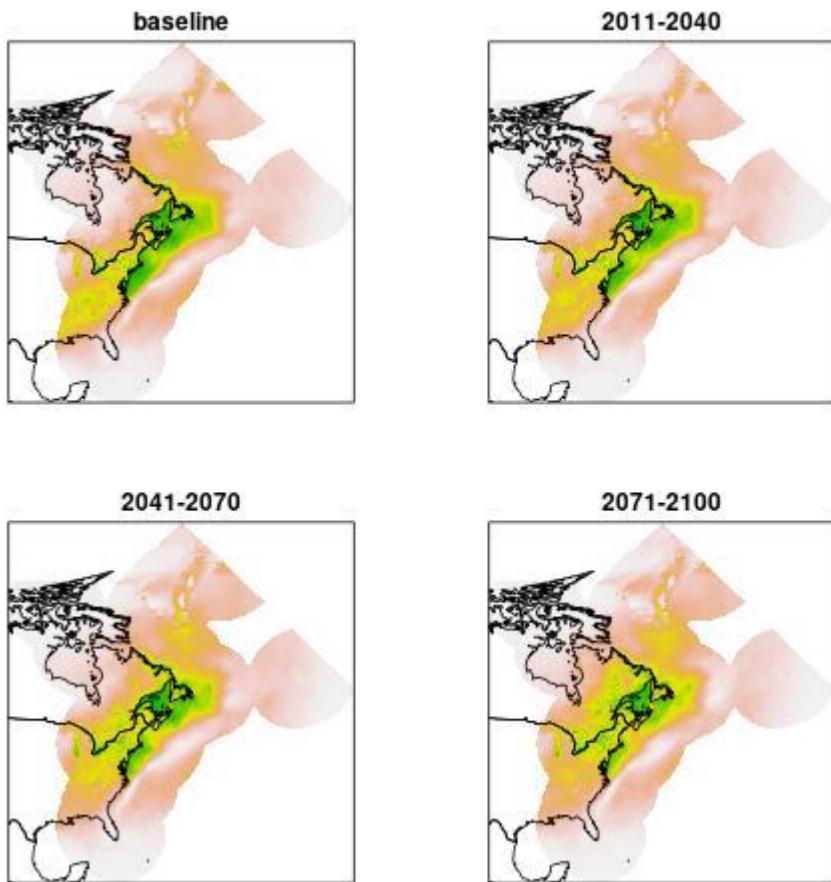
2071-2100



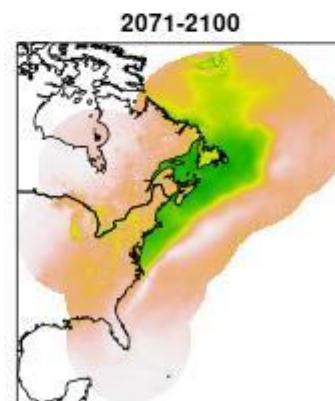
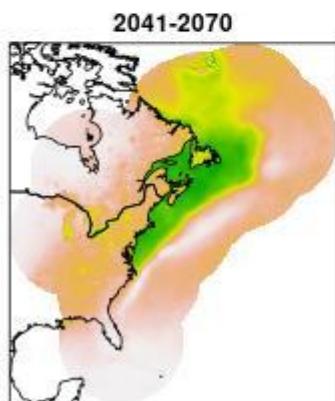
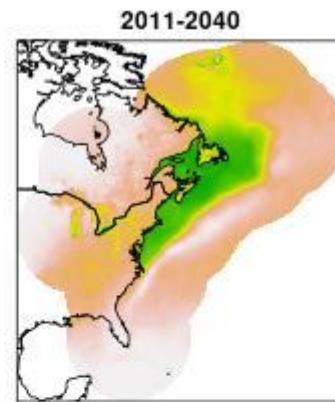
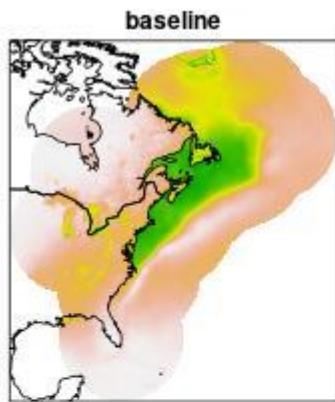
Alca torda, SSP = 126



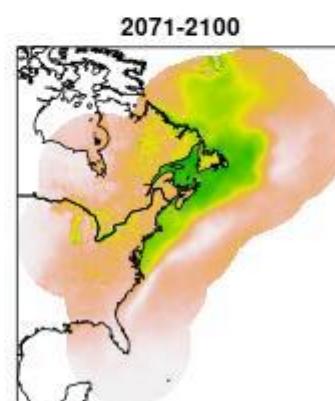
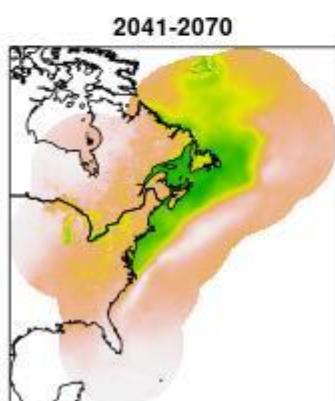
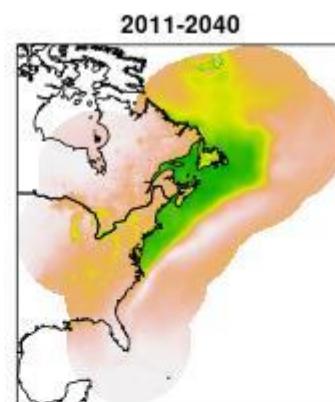
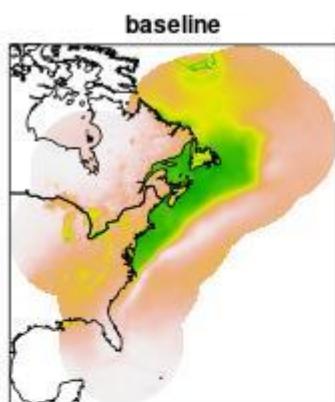
Alca torda, SSP = 585



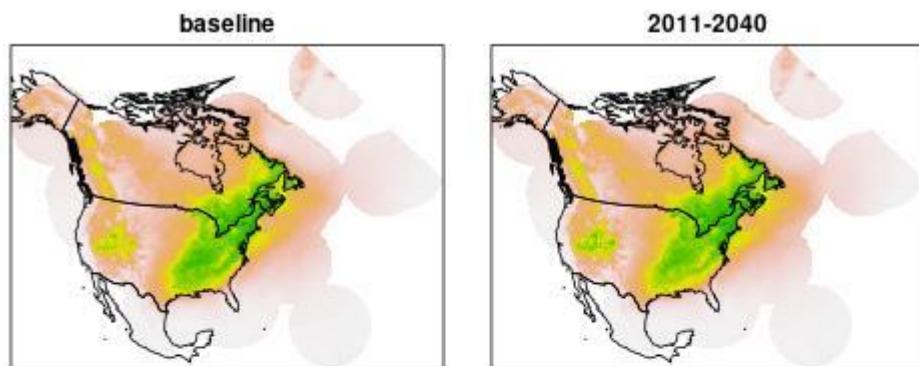
Alle alle, SSP = 126



Alle alle, SSP = 585

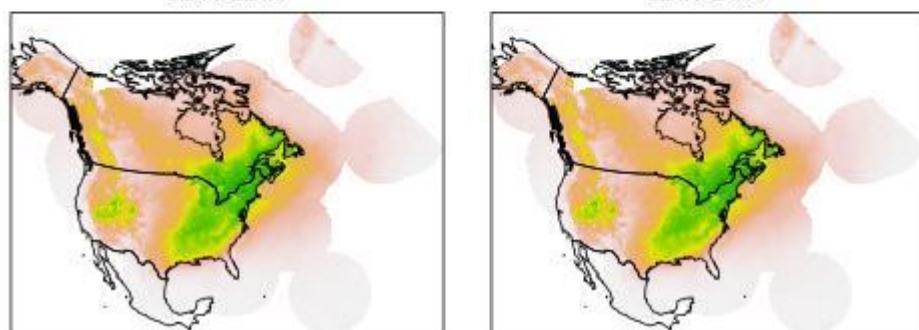


*Anas rubripes*, SSP = 126

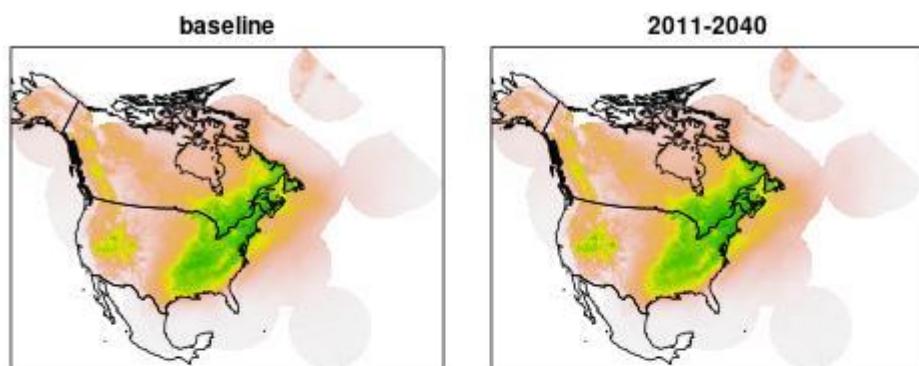


2041-2070

2071-2100

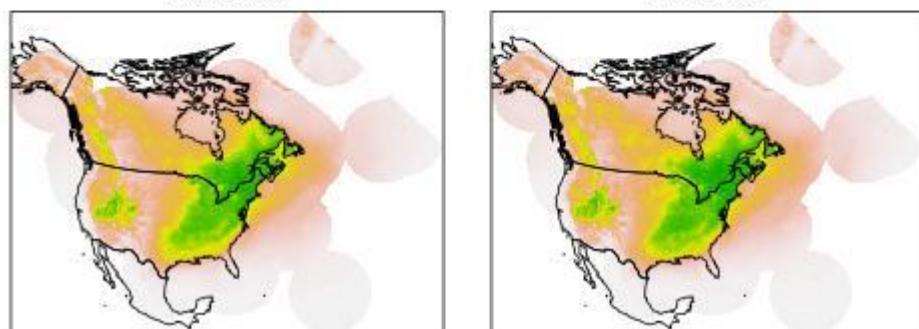


*Anas rubripes*, SSP = 585

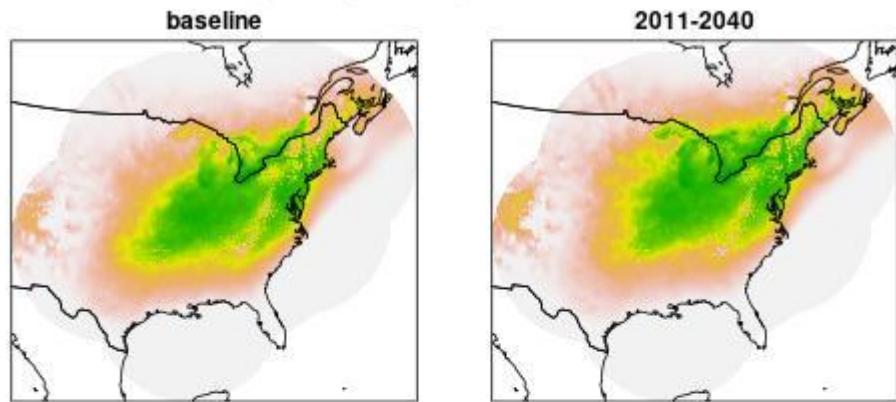


2041-2070

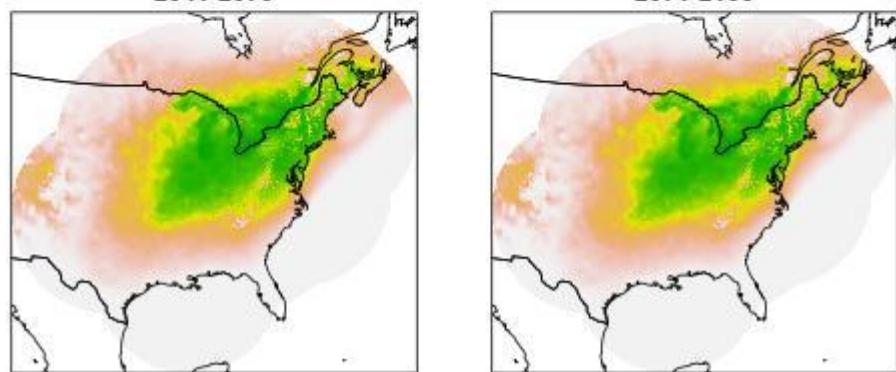
2071-2100



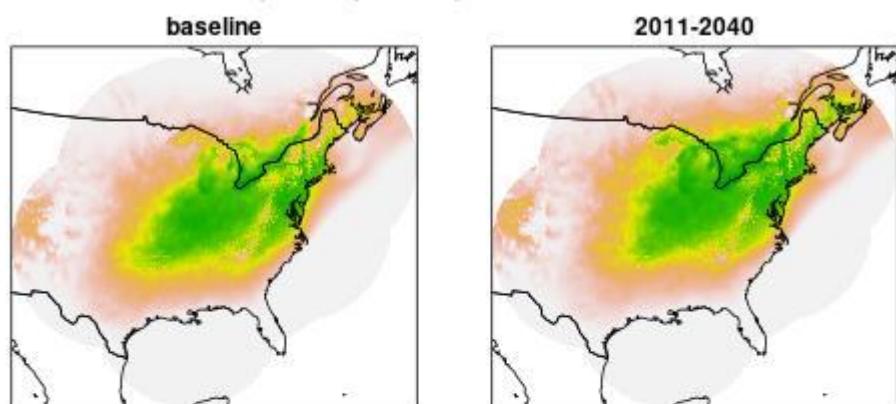
**Apalone spinifera spinifera, SSP = 126**



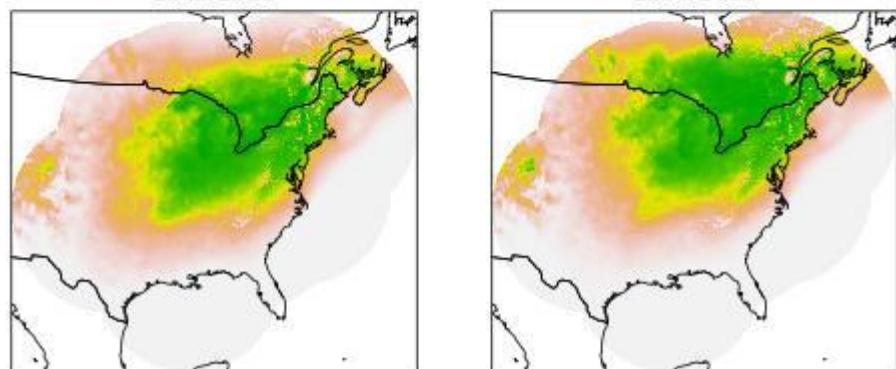
2041-2070



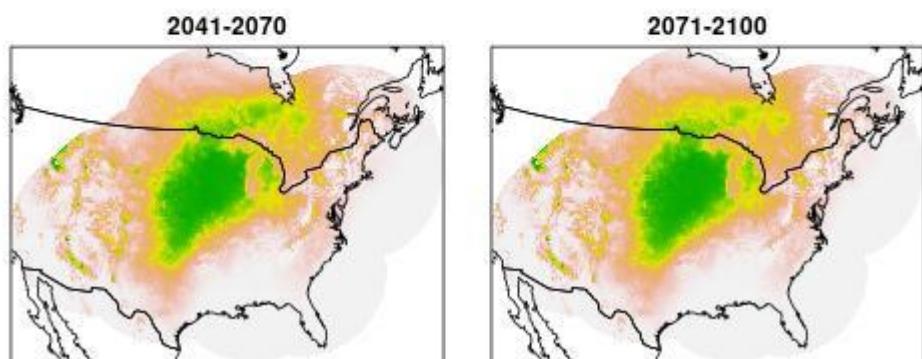
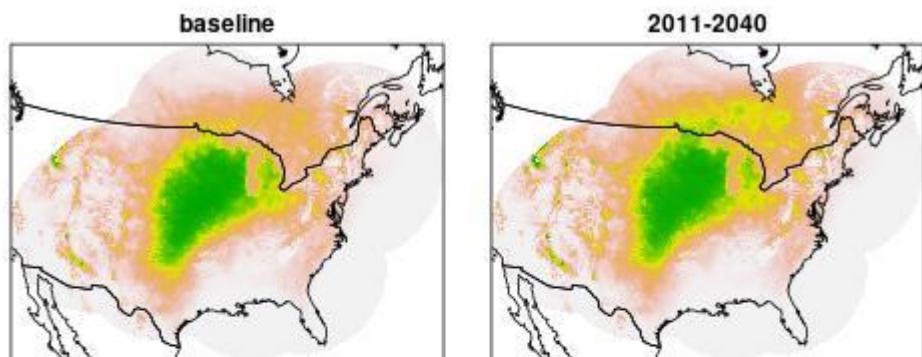
**Apalone spinifera spinifera, SSP = 585**



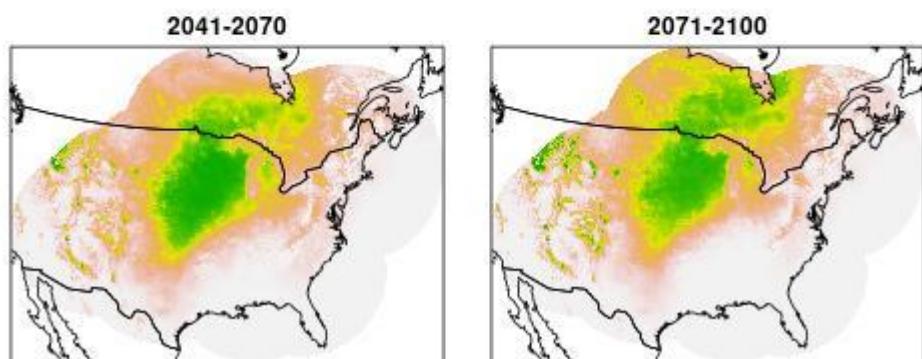
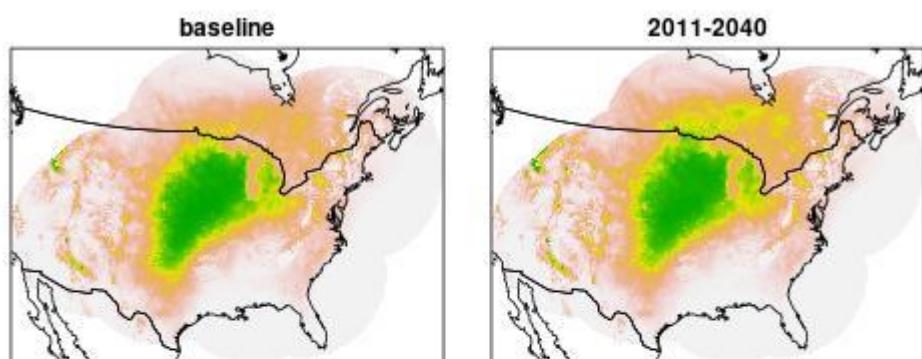
2041-2070



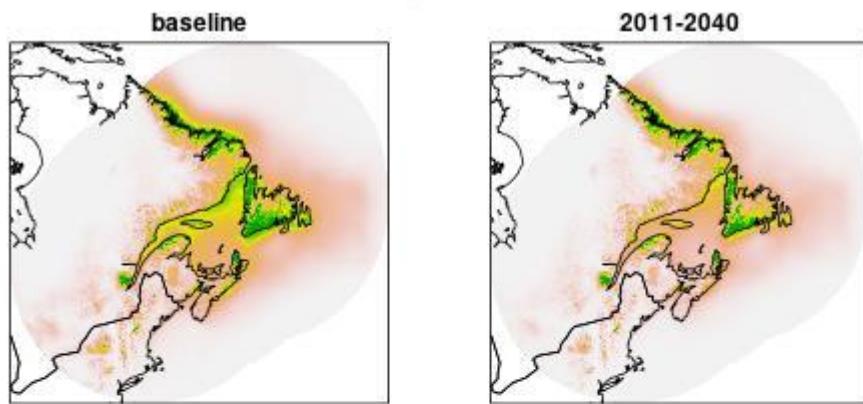
*Aristida basiramea*, SSP = 126



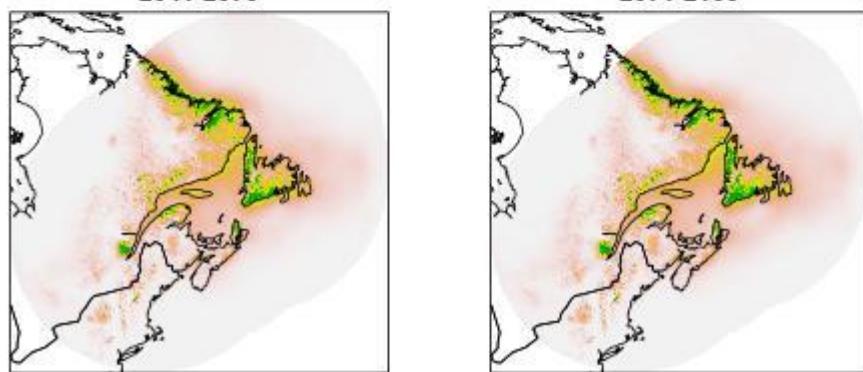
*Aristida basiramea*, SSP = 585



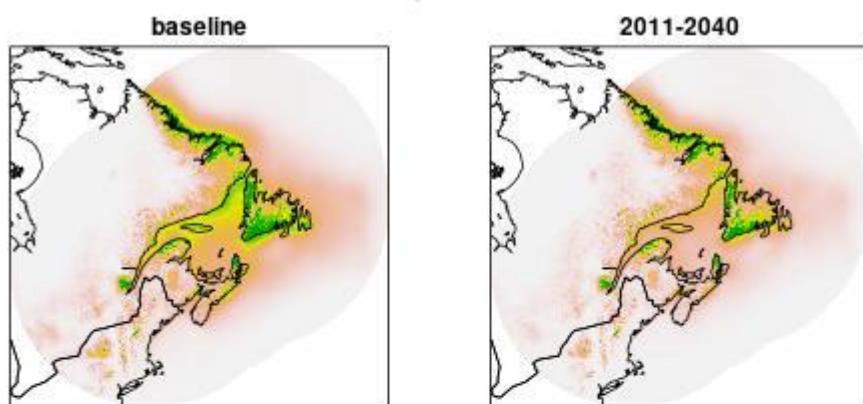
*Arnica griscomii* ssp. *griscomii*, SSP = 126



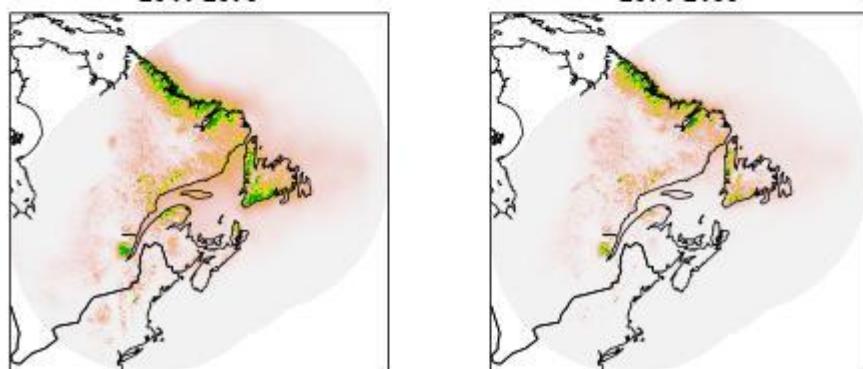
2041-2070



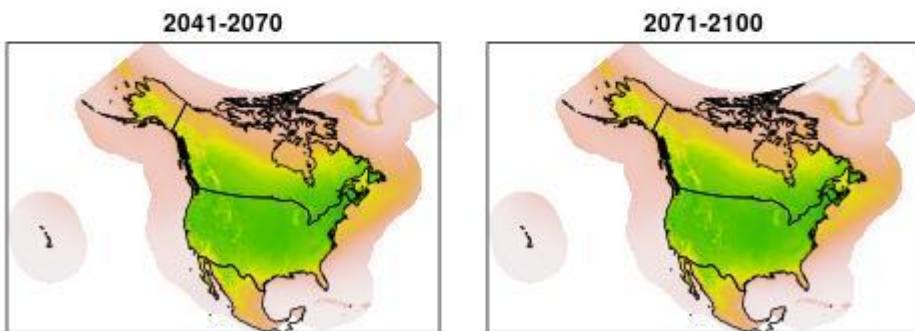
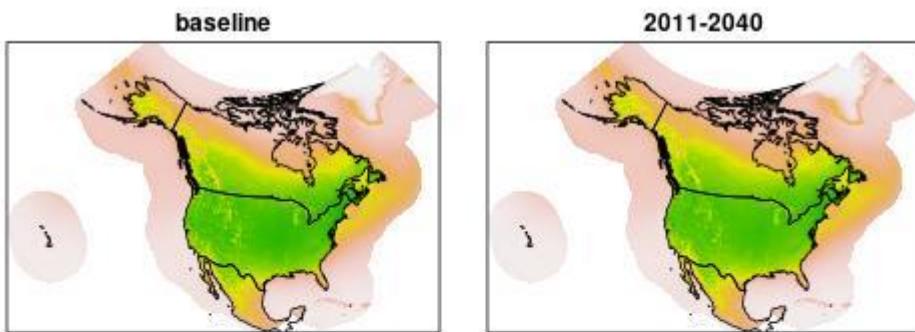
*Arnica griscomii* ssp. *griscomii*, SSP = 585



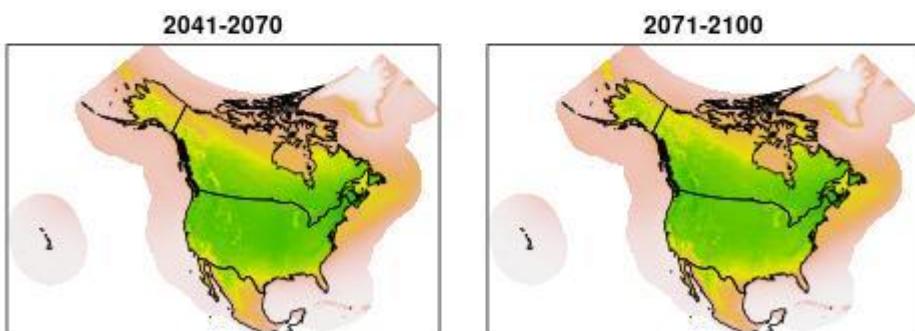
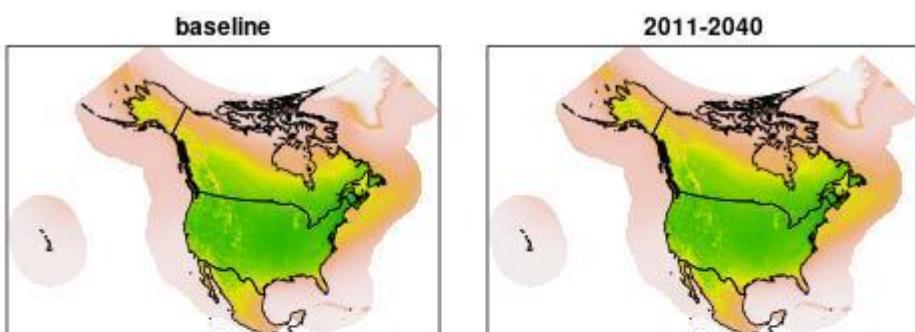
2041-2070



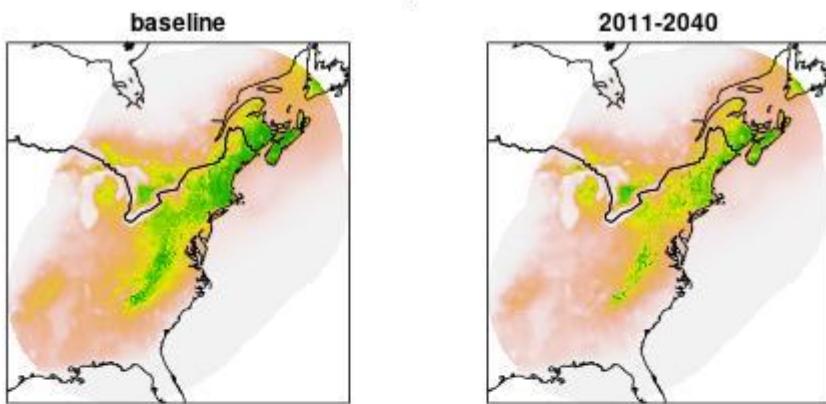
*Branta canadensis*, SSP = 126



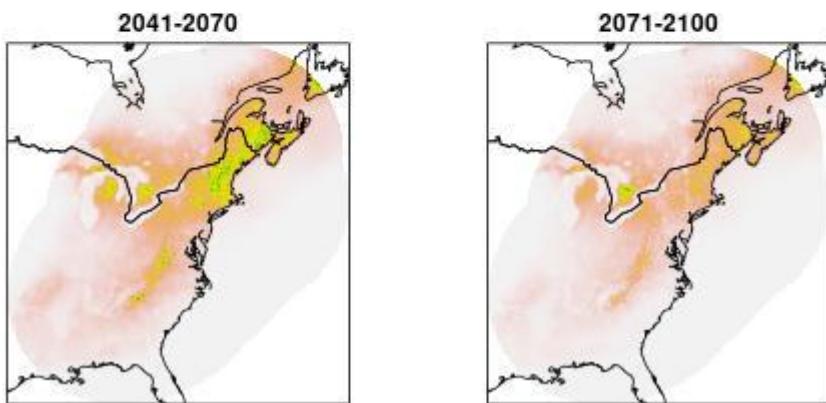
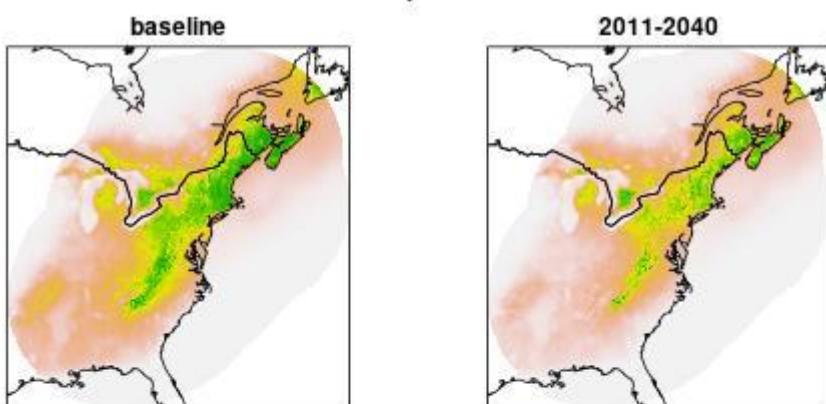
*Branta canadensis*, SSP = 585



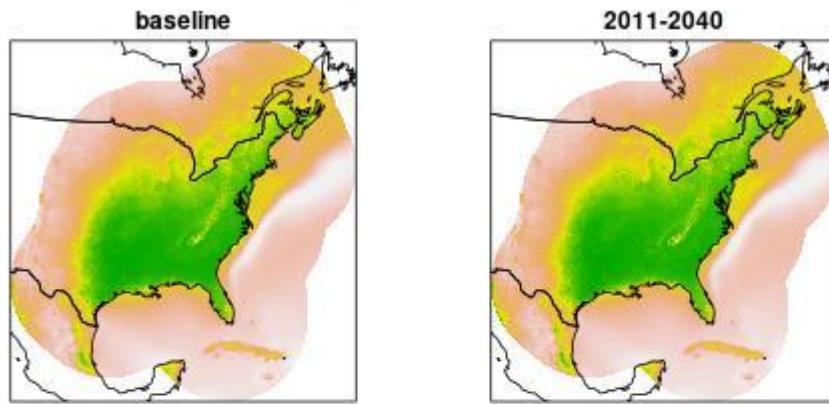
*Carex baileyi*, SSP = 126



*Carex baileyi*, SSP = 585



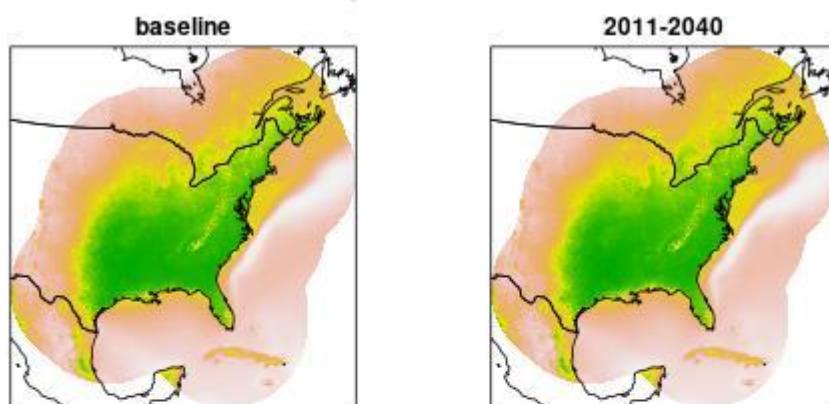
*Carex lupuliformis*, SSP = 126



2041-2070

2071-2100

*Carex lupuliformis*, SSP = 585

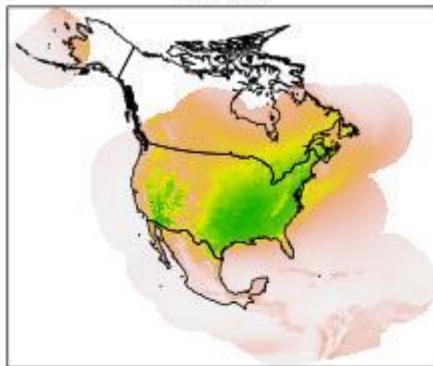


2041-2070

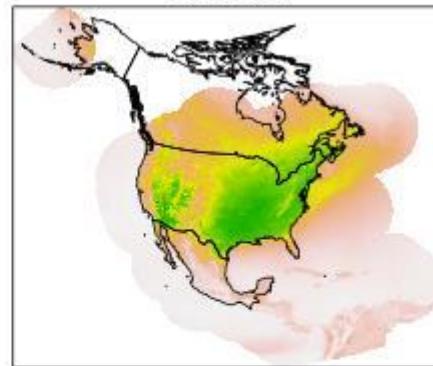
2071-2100

*Chaetura pelagica*, SSP = 126

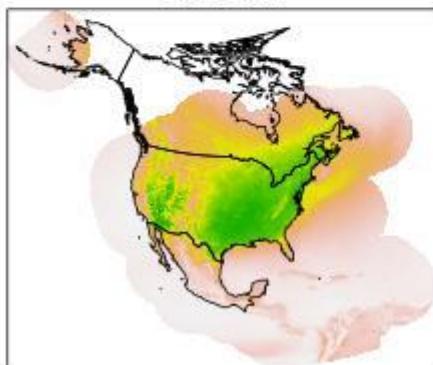
baseline



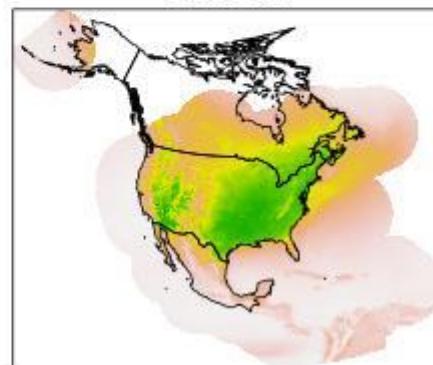
2011-2040



2041-2070

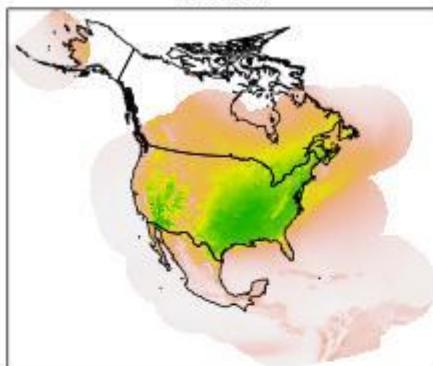


2071-2100

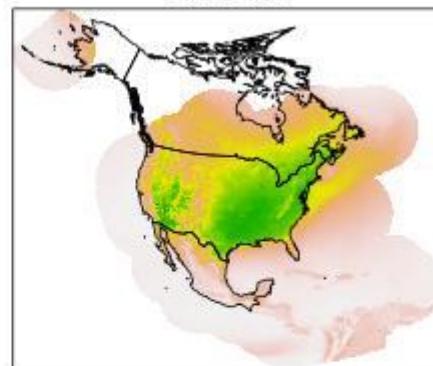


*Chaetura pelagica*, SSP = 585

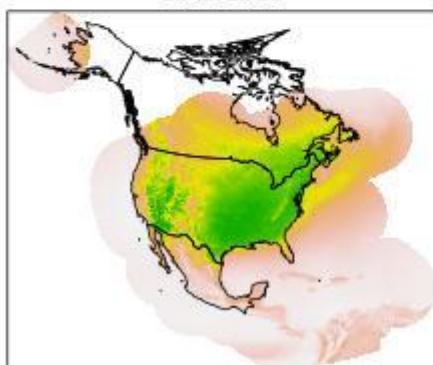
baseline



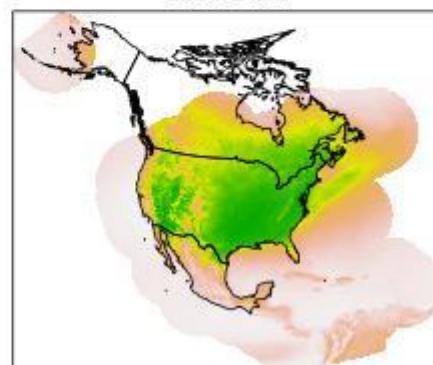
2011-2040



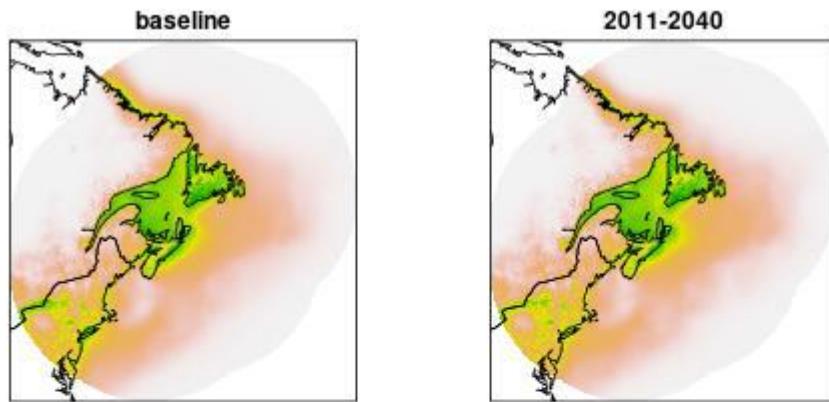
2041-2070



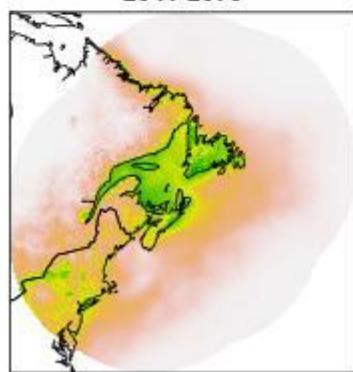
2071-2100



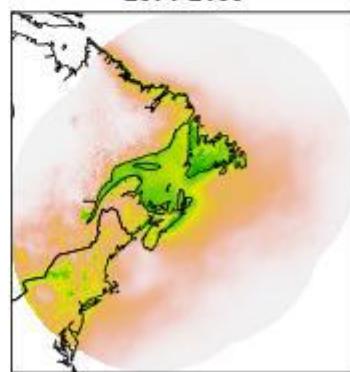
**Charadrius melanops melanops, SSP = 126**



2041-2070

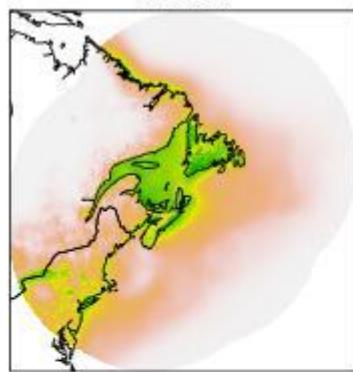


2071-2100

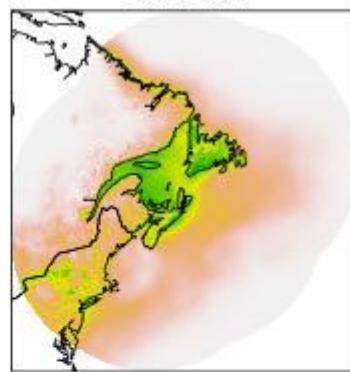


**Charadrius melanops melanops, SSP = 585**

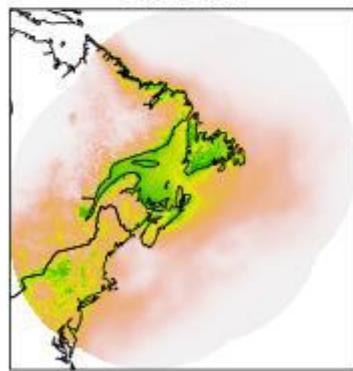
## baseline



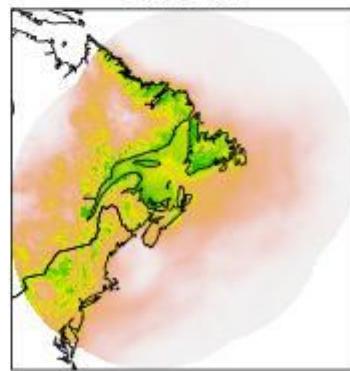
2011-2040



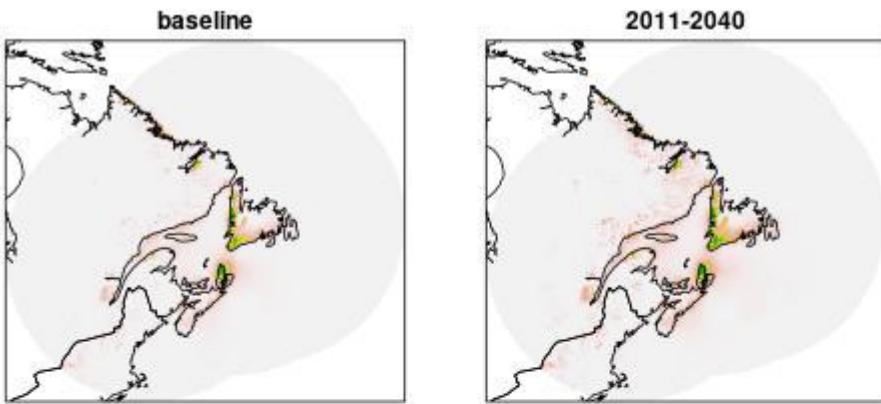
2041-2070



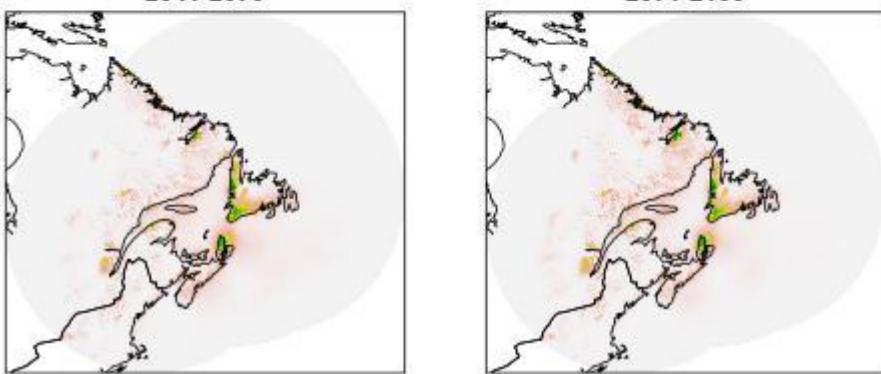
2071-2100



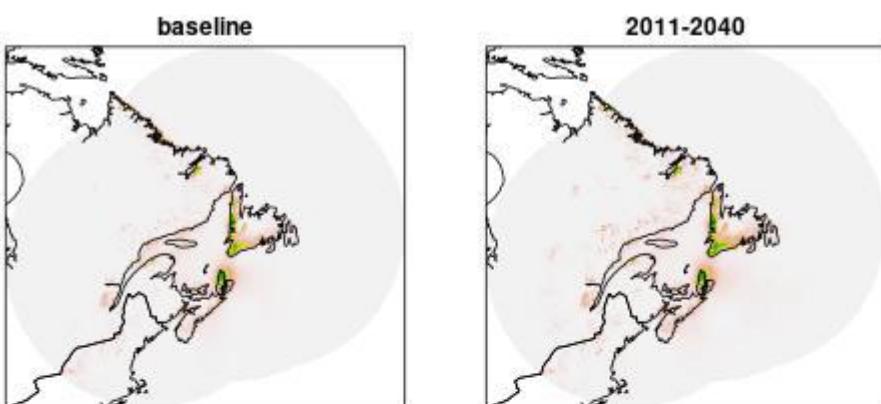
**Cherleria marcescens, SSP = 126**



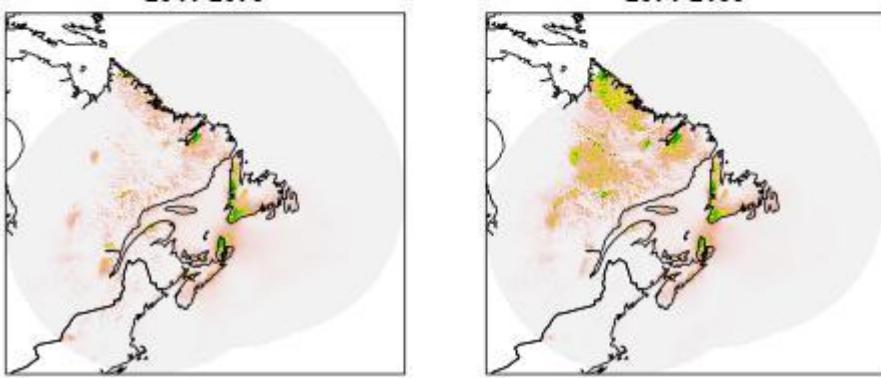
2041-2070



**Cherleria marcescens, SSP = 585**

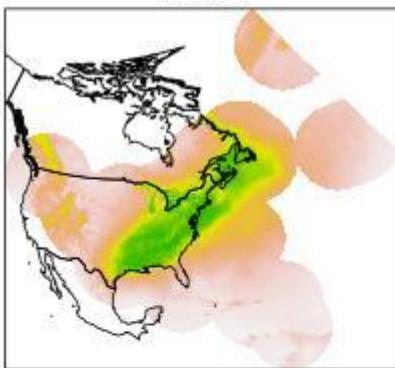


2041-2070

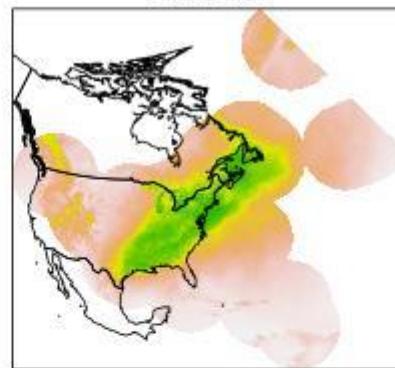


*Chroicocephalus ridibundus*, SSP = 126

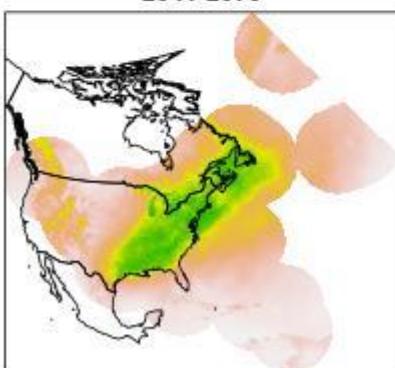
baseline



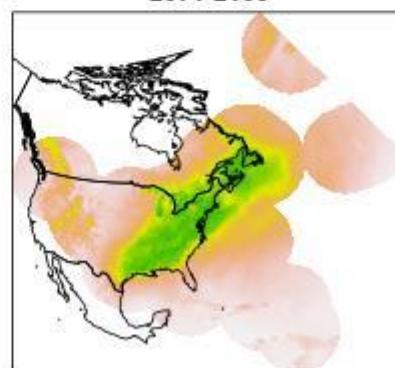
2011-2040



2041-2070

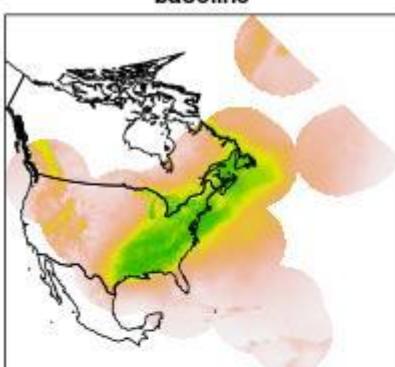


2071-2100

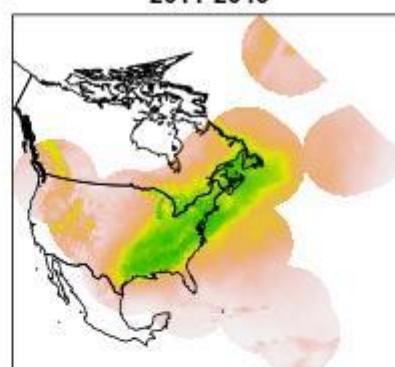


*Chroicocephalus ridibundus*, SSP = 585

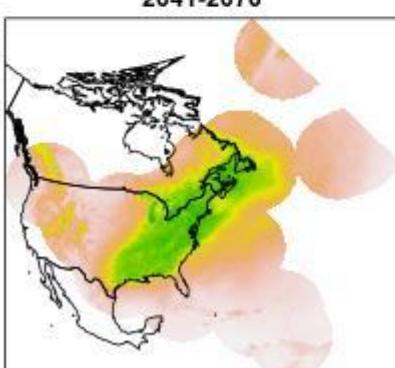
baseline



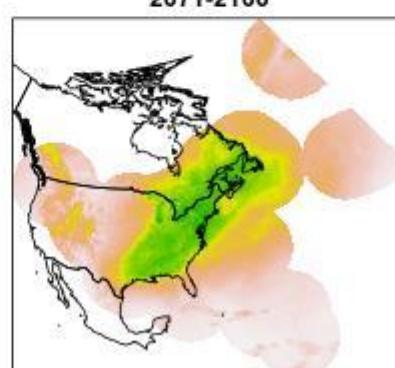
2011-2040



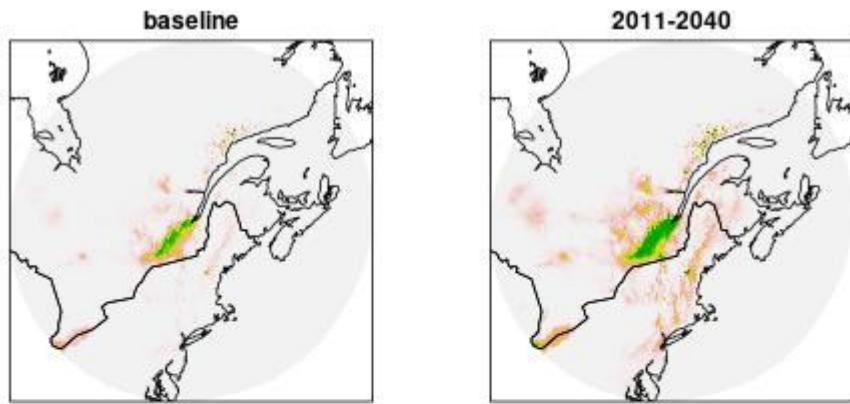
2041-2070



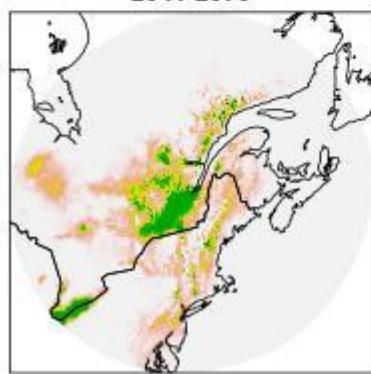
2071-2100



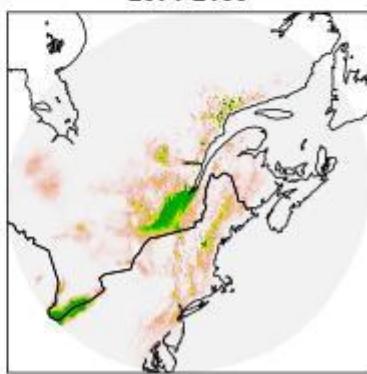
**Cicuta maculata var. victorinii, SSP = 126**



2041-2070

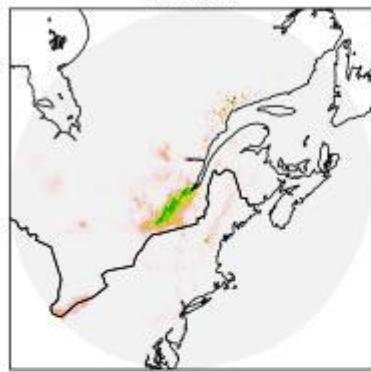


2071-2100

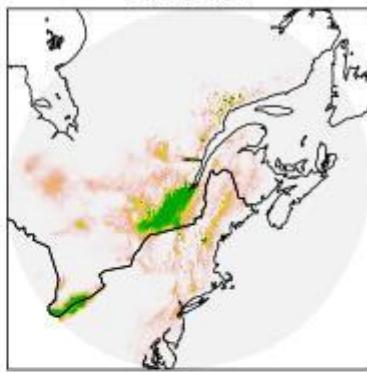


**Cicuta maculata var. victorinii, SSP = 585**

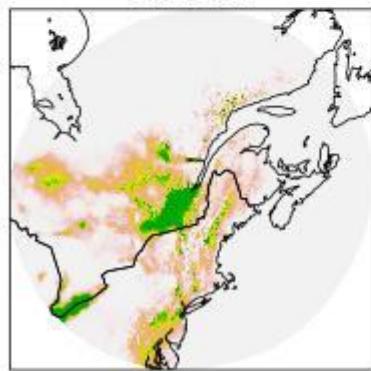
## baseline



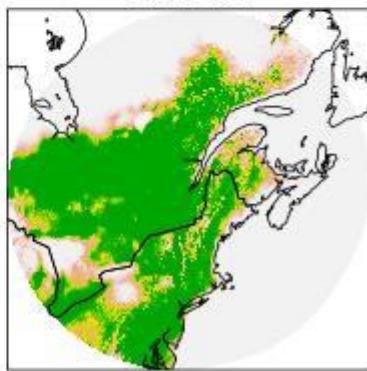
2011-2040



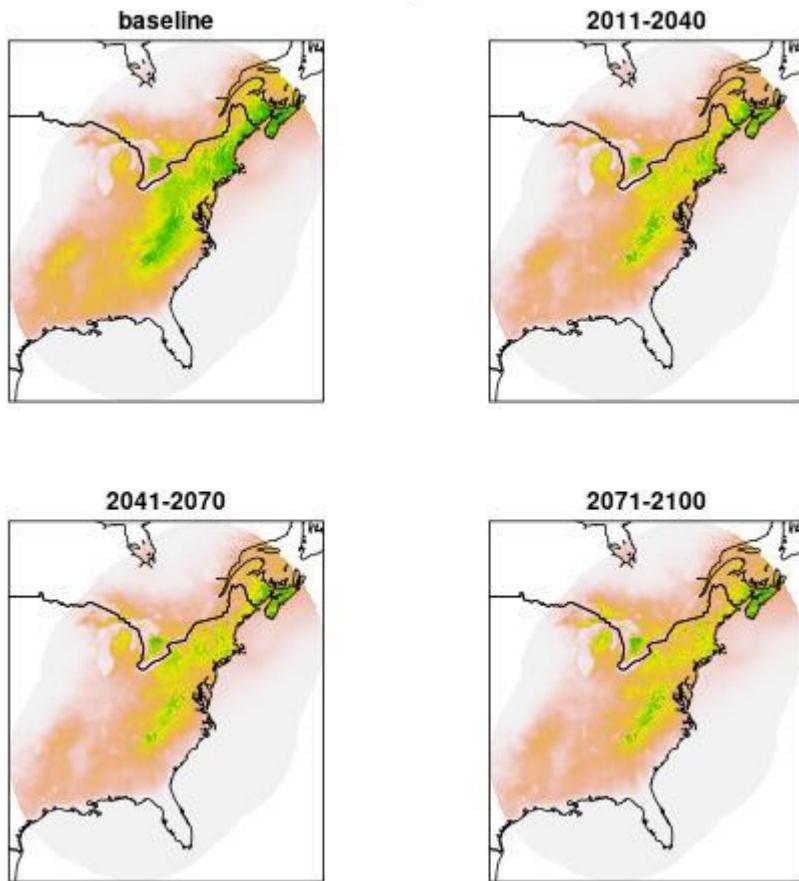
2041-2070



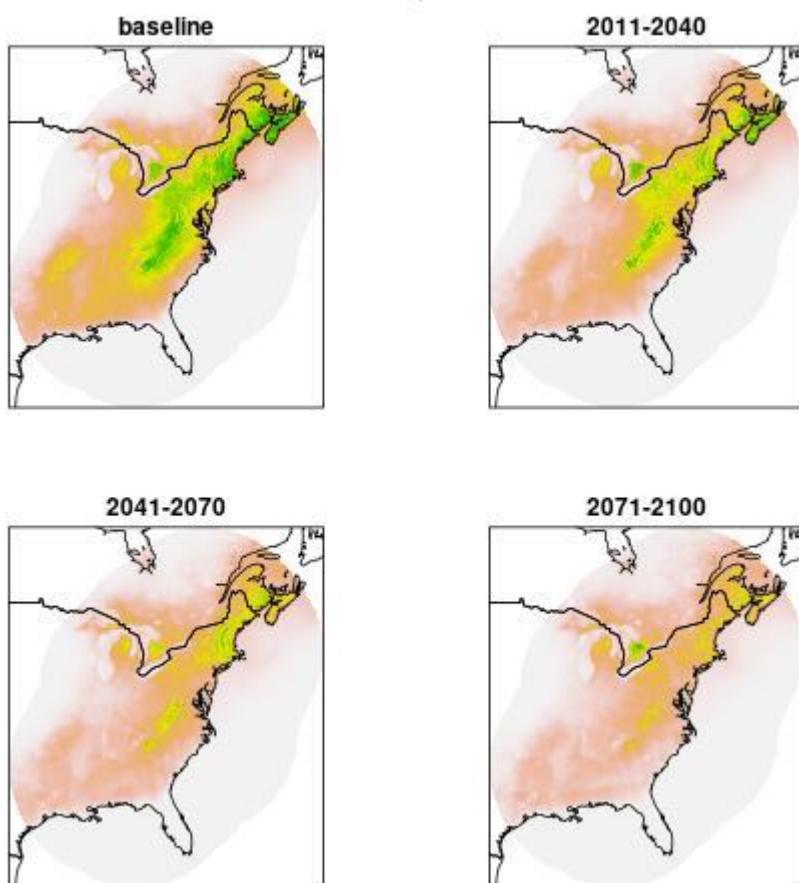
2071-2100



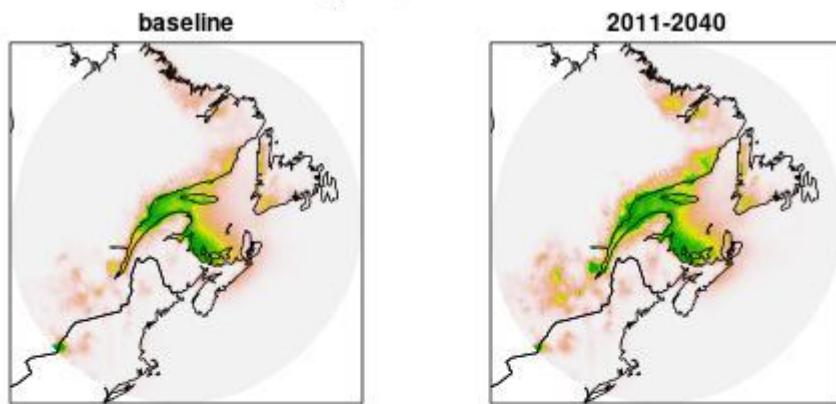
*Desmognathus ochrophaeus*, SSP = 126



*Desmognathus ochrophaeus*, SSP = 585



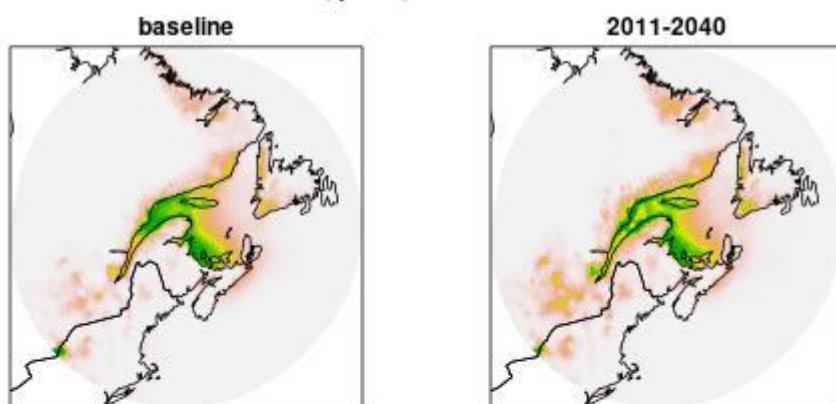
*Draba pycnosperma*, SSP = 126



2041-2070

2071-2100

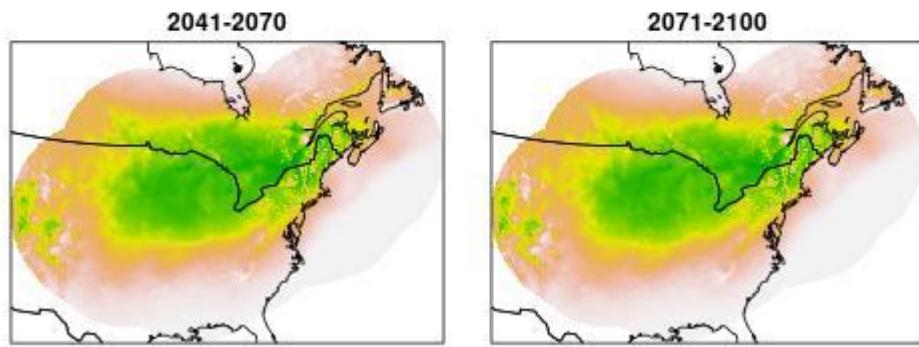
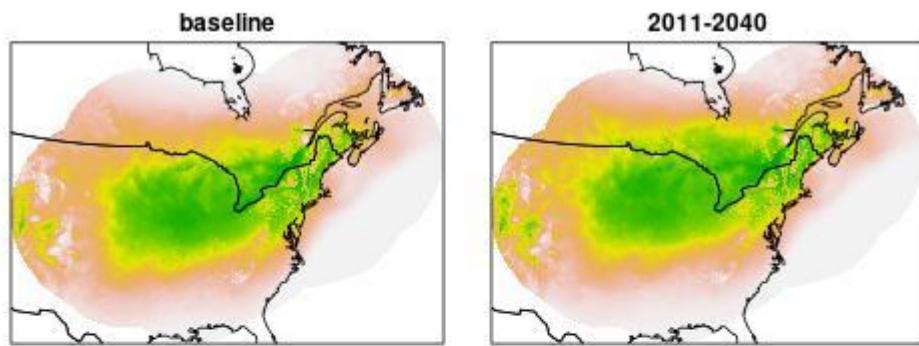
*Draba pycnosperma*, SSP = 585



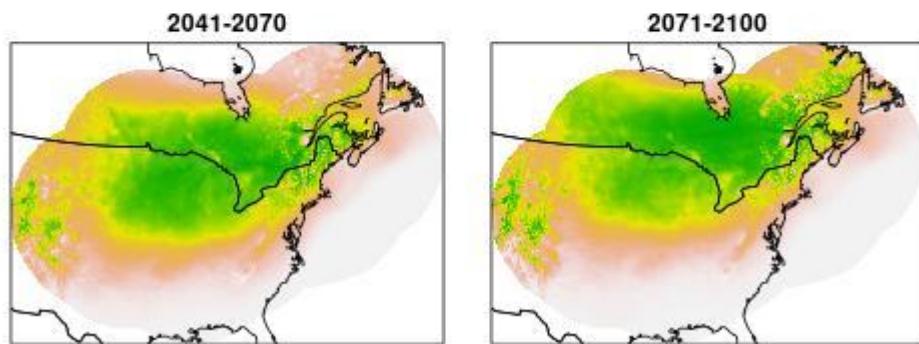
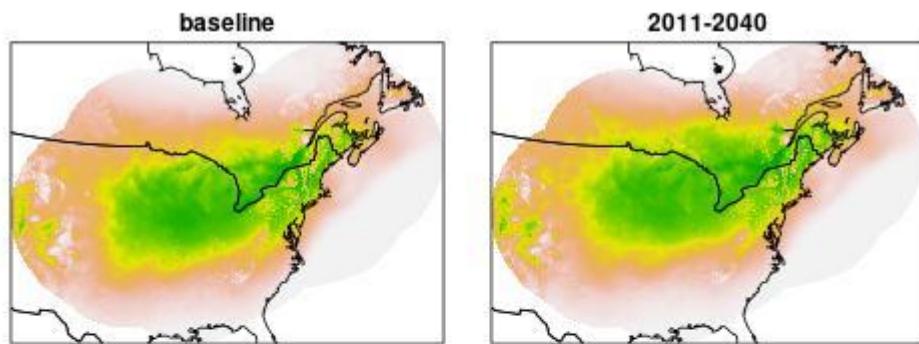
2041-2070

2071-2100

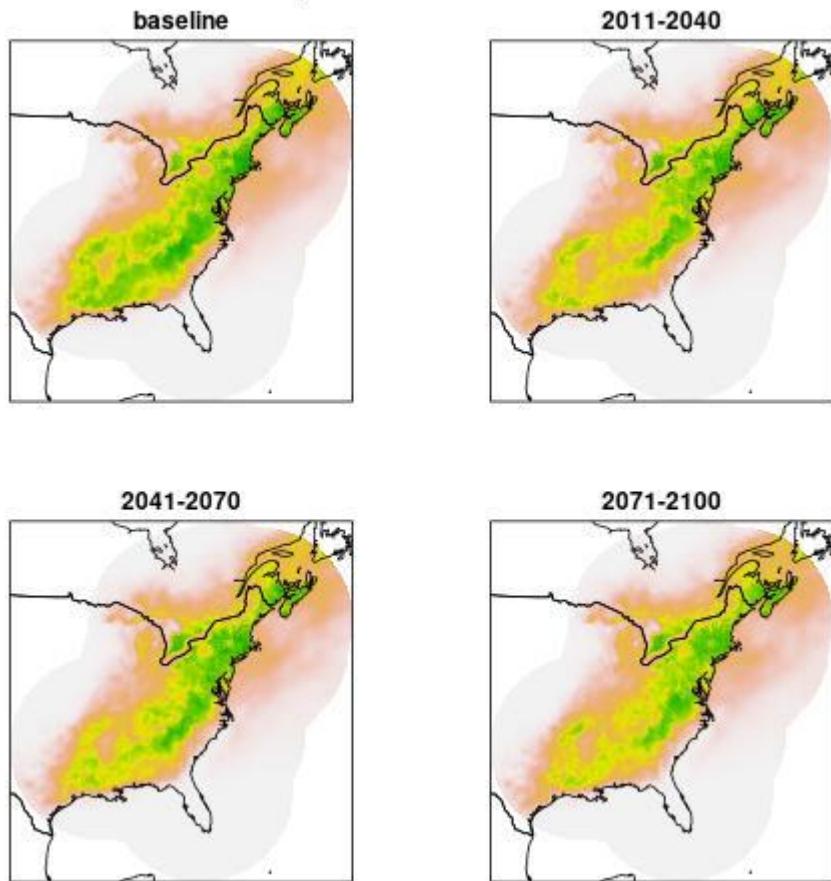
*Emys blandingii*, SSP = 126



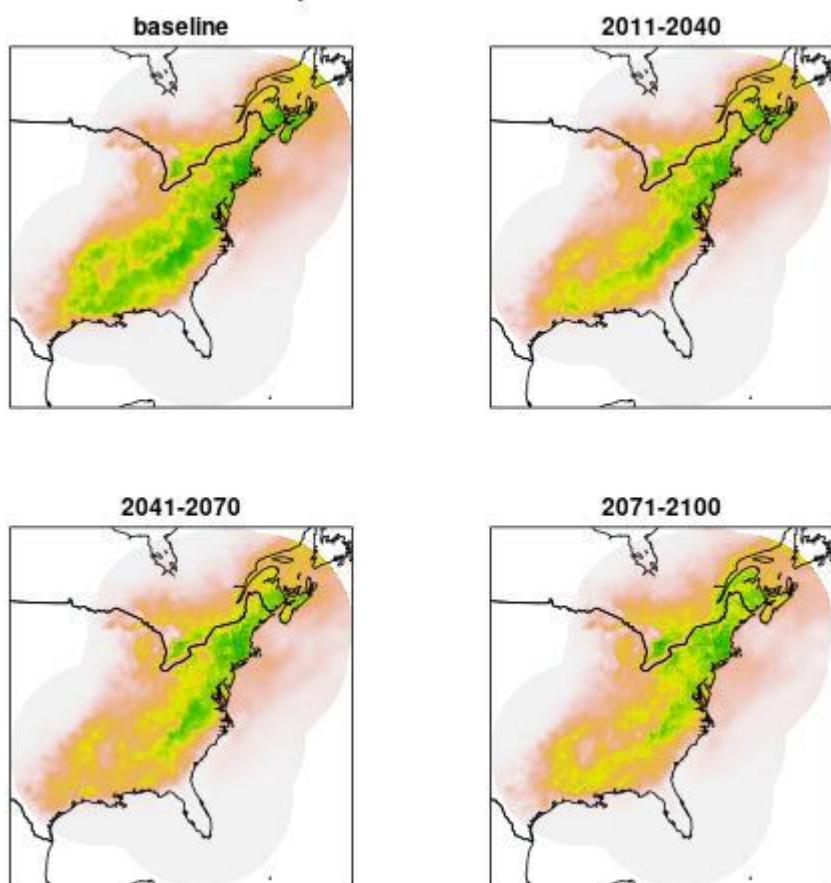
*Emys blandingii*, SSP = 585



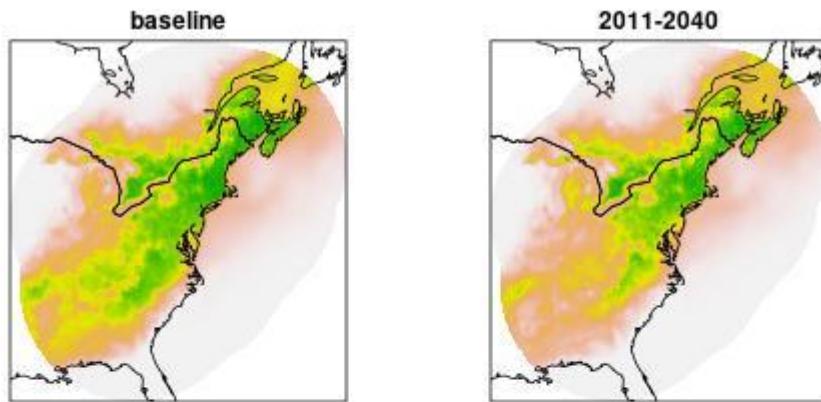
*Eurybia divaricata*, SSP = 126



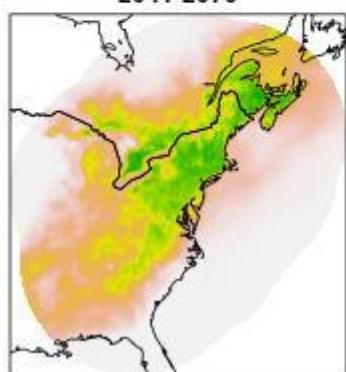
*Eurybia divaricata*, SSP = 585



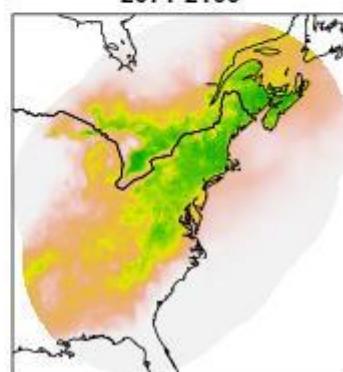
*Gentiana clausa*, SSP = 126



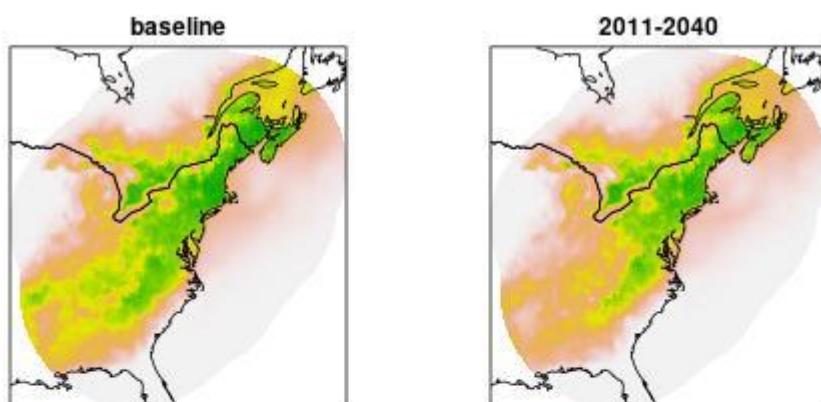
2041-2070



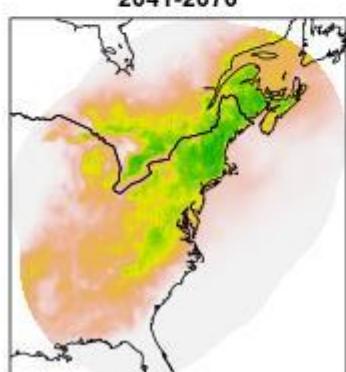
2071-2100



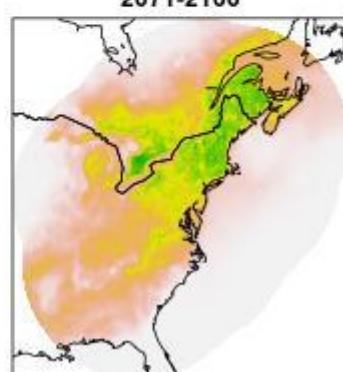
*Gentiana clausa*, SSP = 585



2041-2070

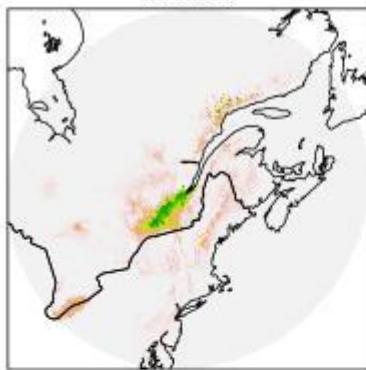


2071-2100

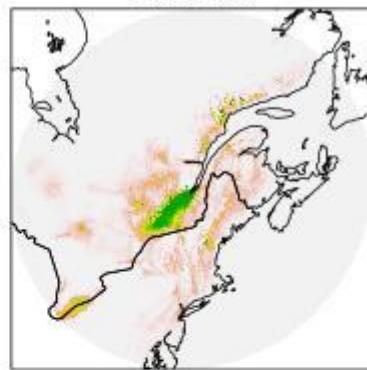


**Gentianopsis virgata ssp. victorinii, SSP = 126**

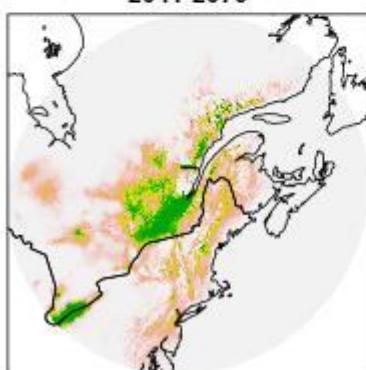
## baseline



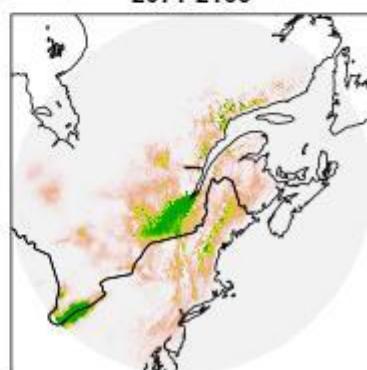
2011-2040



2041-2070

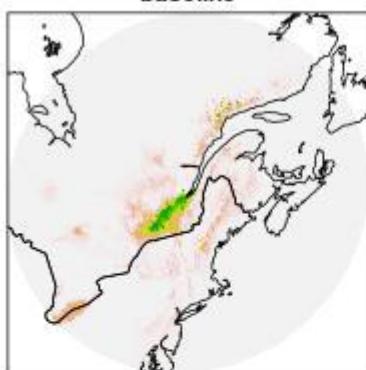


2071-2100

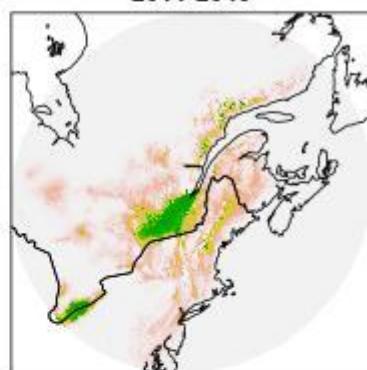


**Gentianopsis virgata ssp. victorinii, SSP = 585**

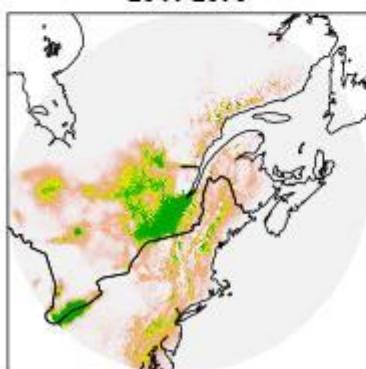
## baseline



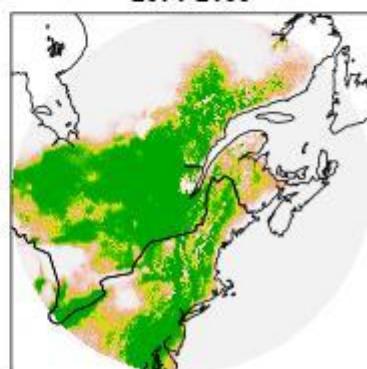
2011-2040



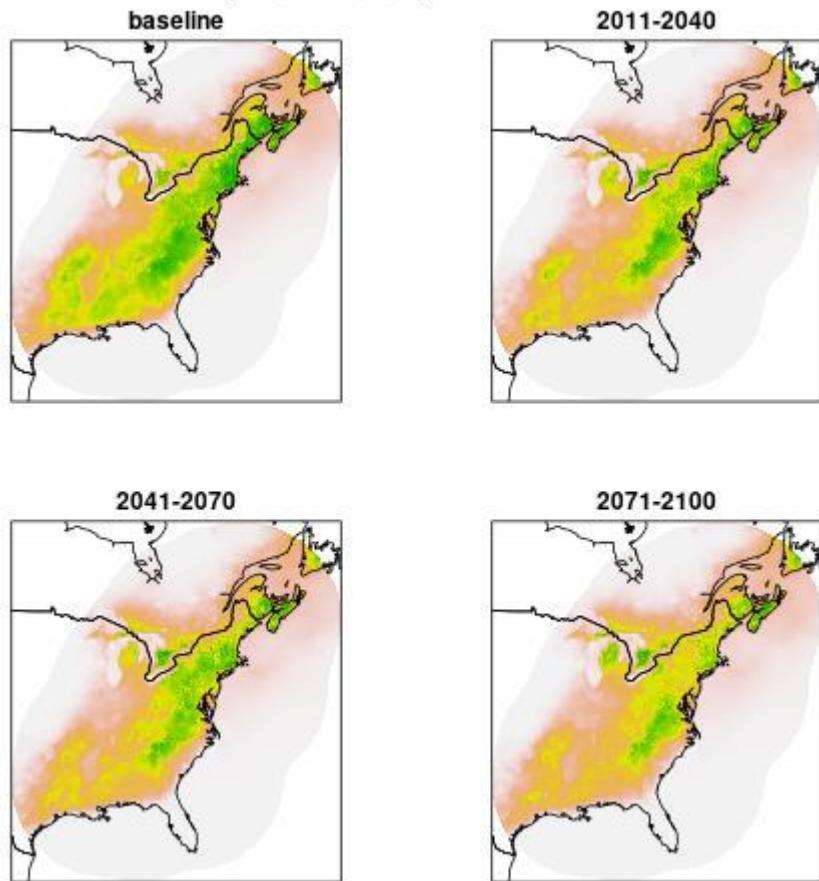
2041-2070



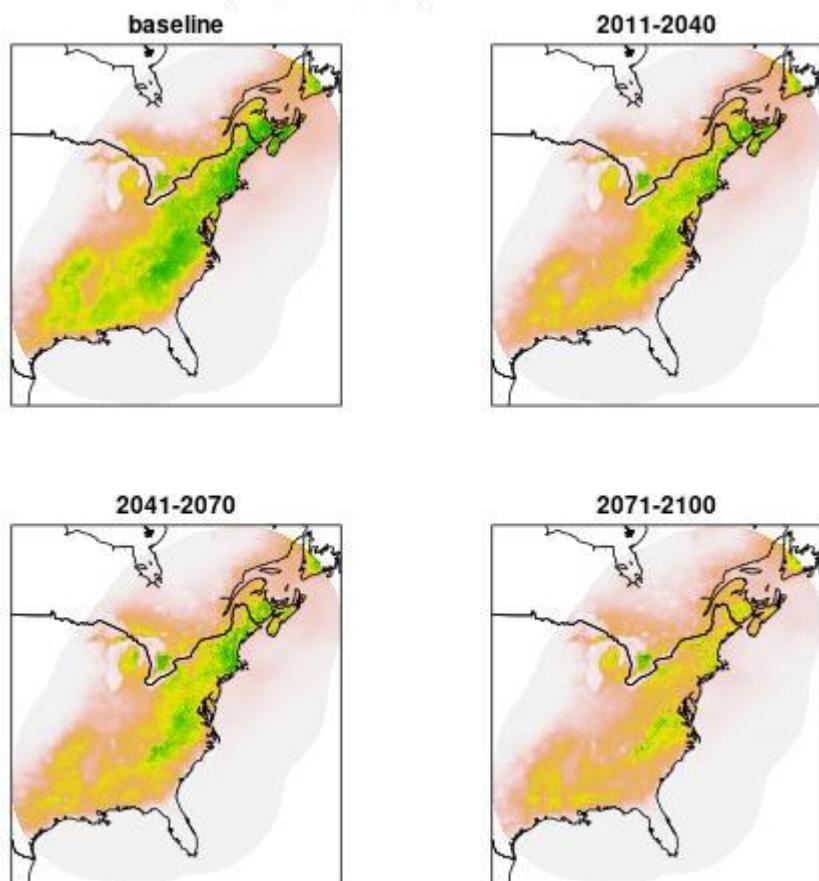
2071-2100



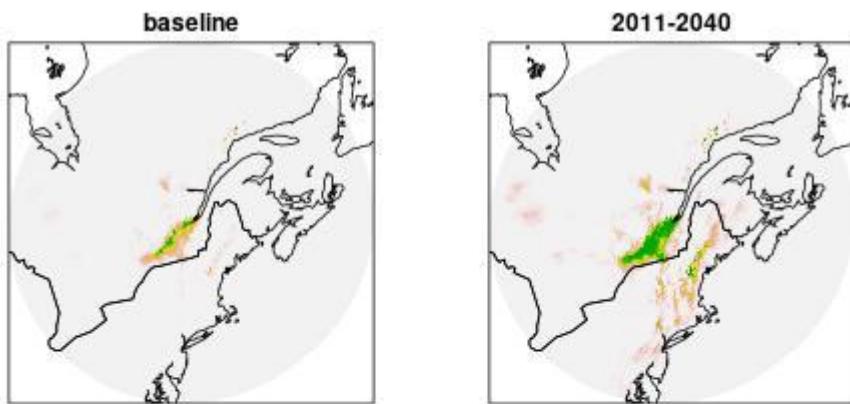
*Gyrinophilus porphyriticus*, SSP = 126



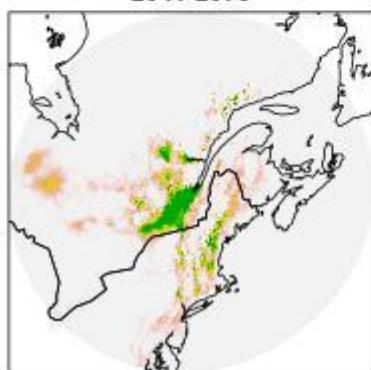
*Gyrinophilus porphyriticus*, SSP = 585



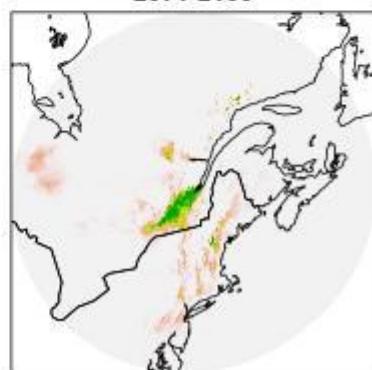
*Isoetes laurentiana*, SSP = 126



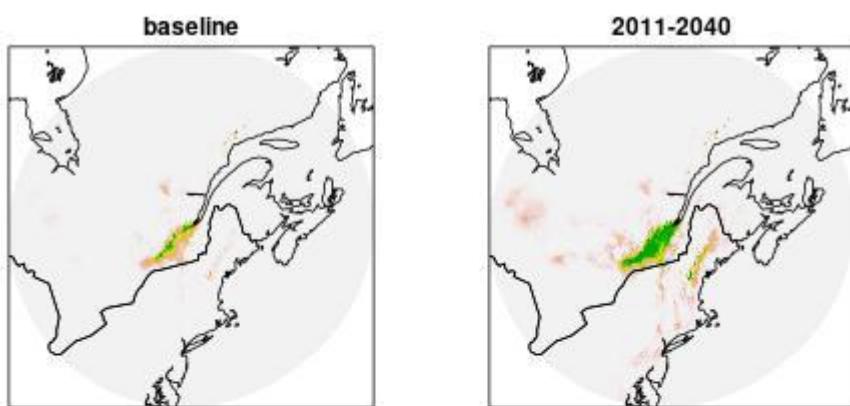
2041-2070



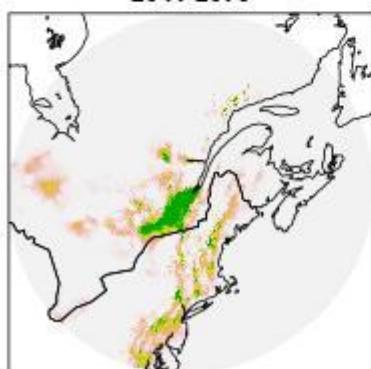
2071-2100



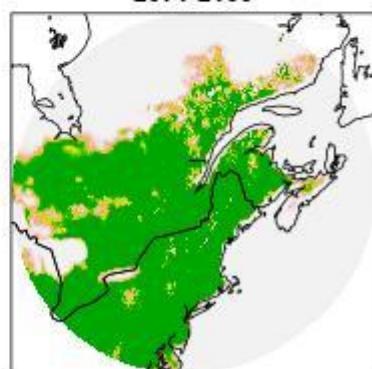
*Isoetes laurentiana*, SSP = 585



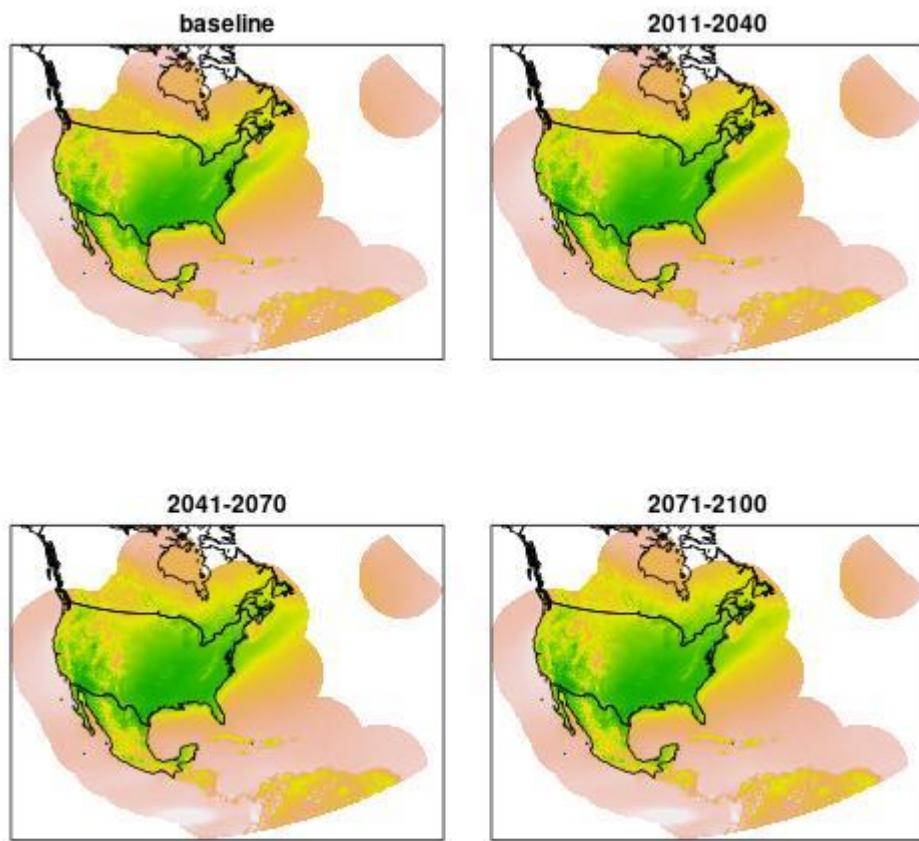
2041-2070



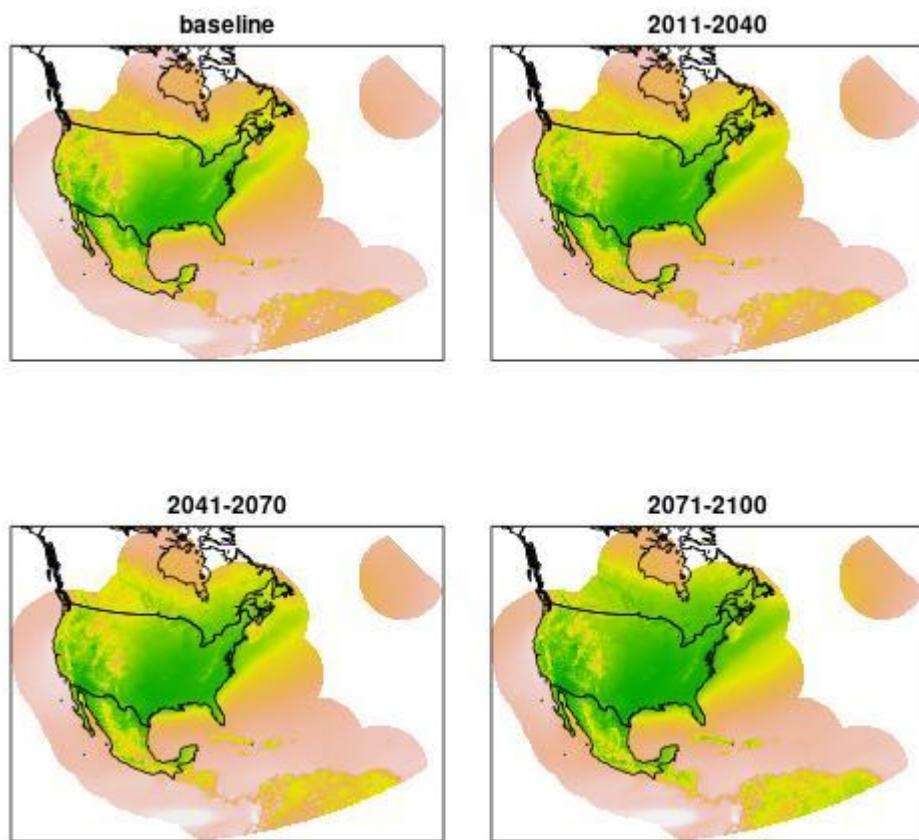
2071-2100



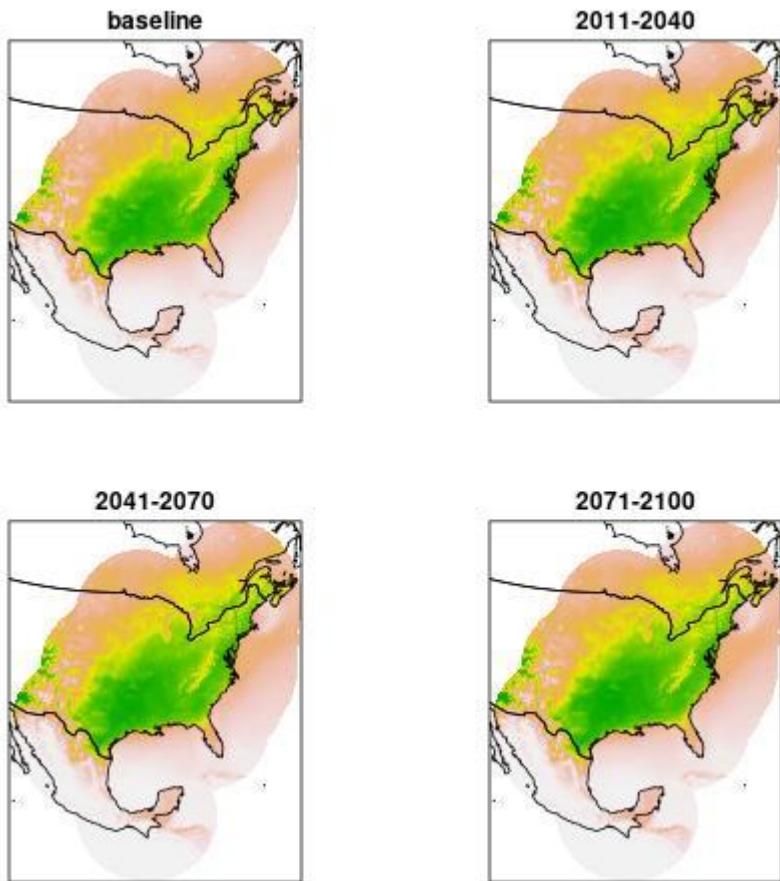
*Ixobrychus exilis*, SSP = 126



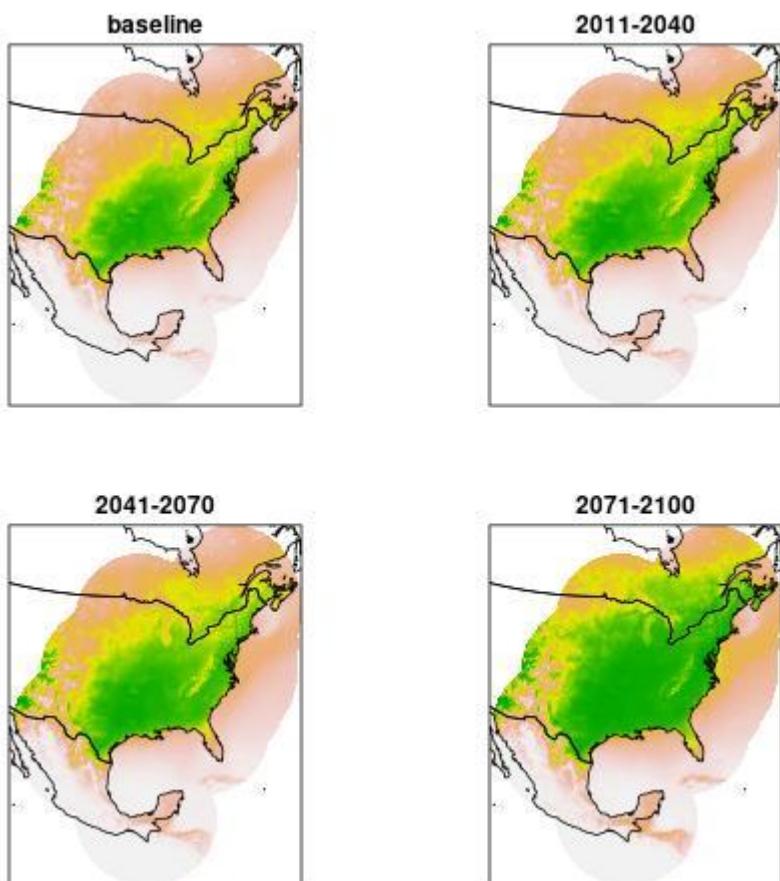
*Ixobrychus exilis*, SSP = 585



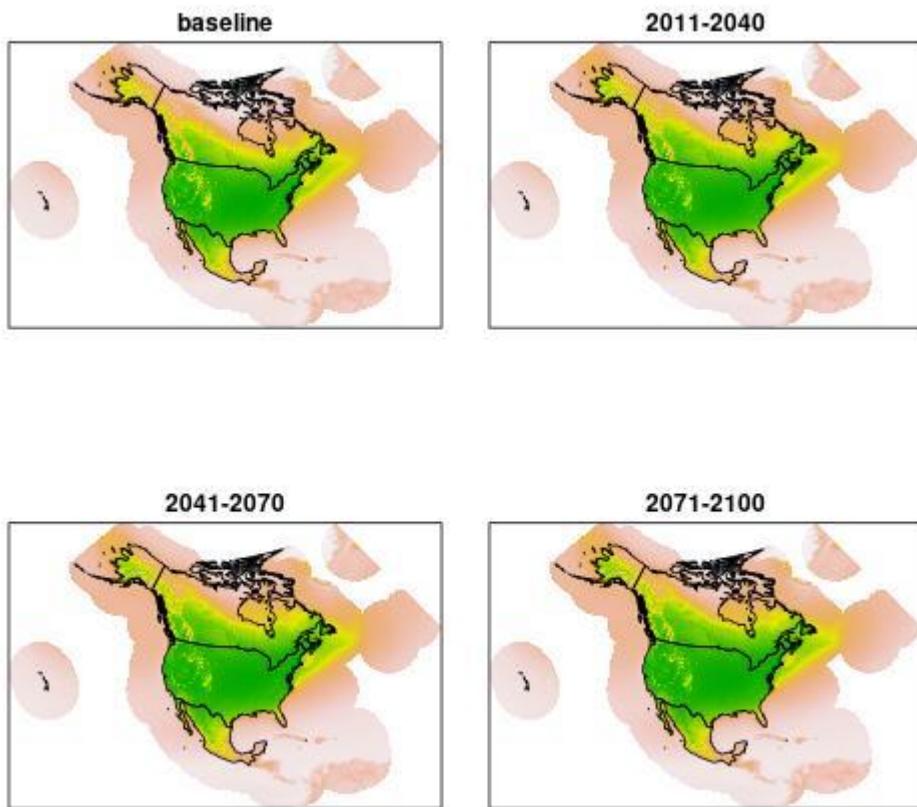
Justicia americana, SSP = 126



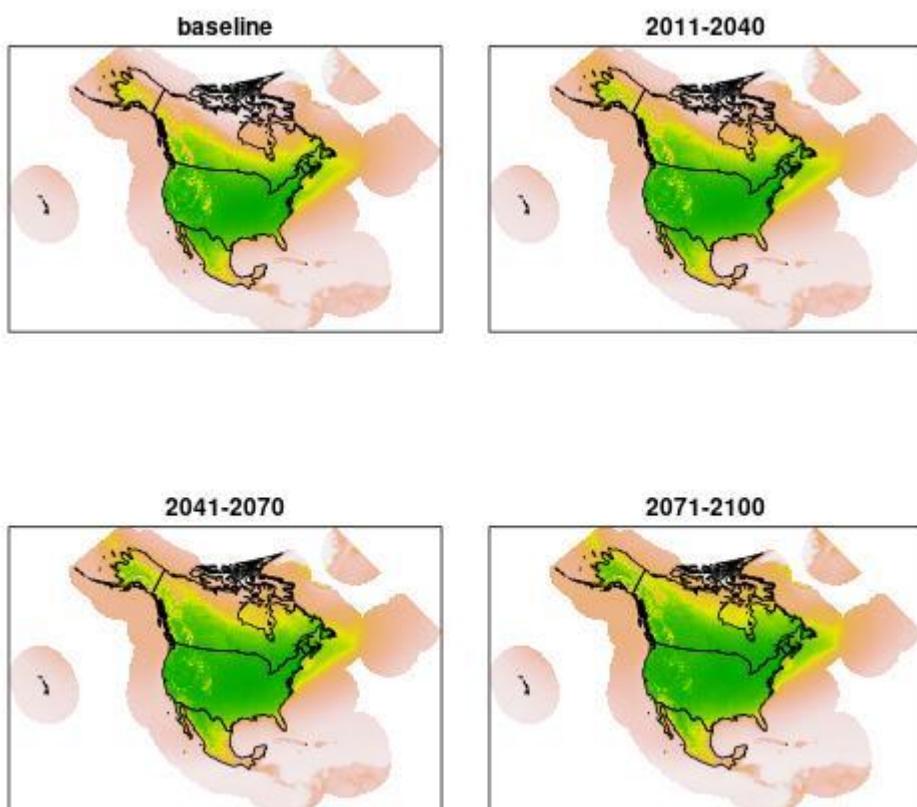
Justicia americana, SSP = 585



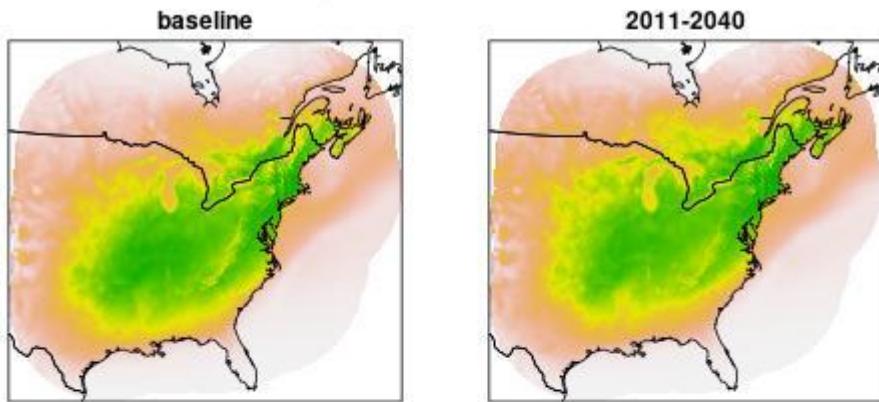
*Larus delawarensis*, SSP = 126



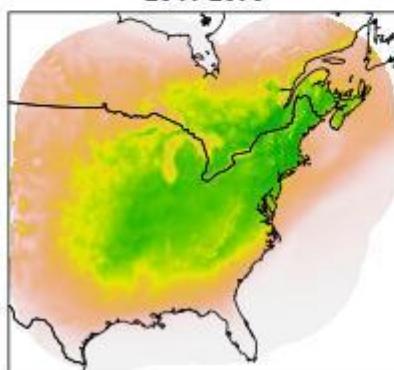
*Larus delawarensis*, SSP = 585



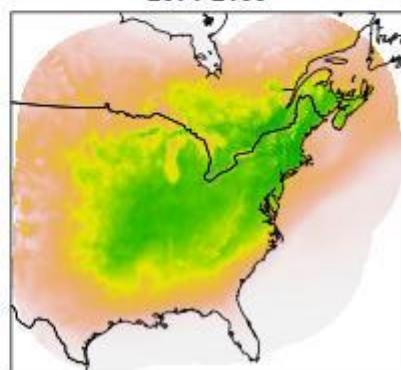
*Liparis liliifolia*, SSP = 126



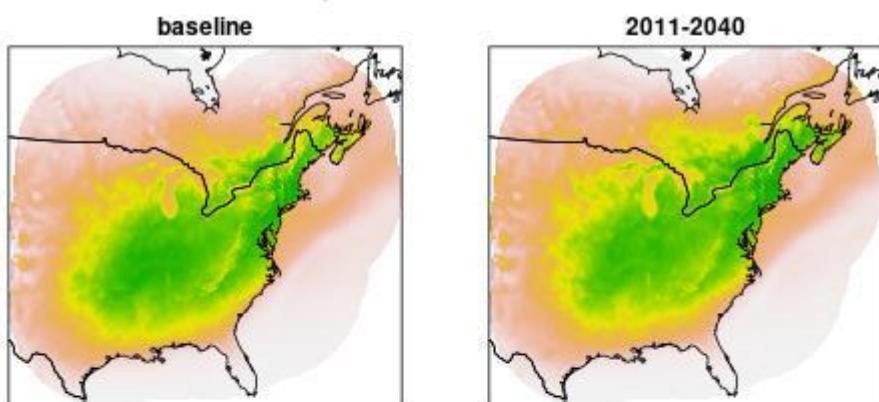
2041-2070



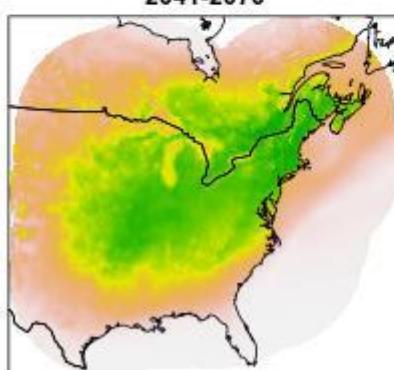
2071-2100



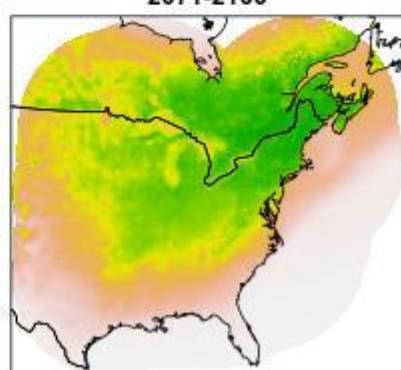
*Liparis liliifolia*, SSP = 585



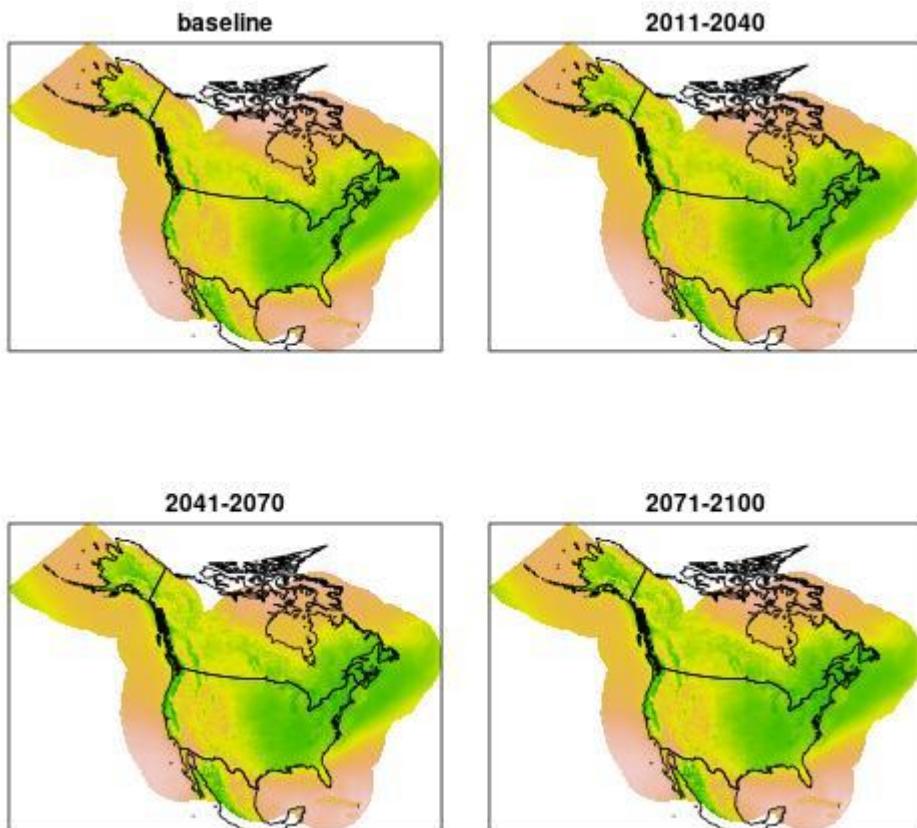
2041-2070



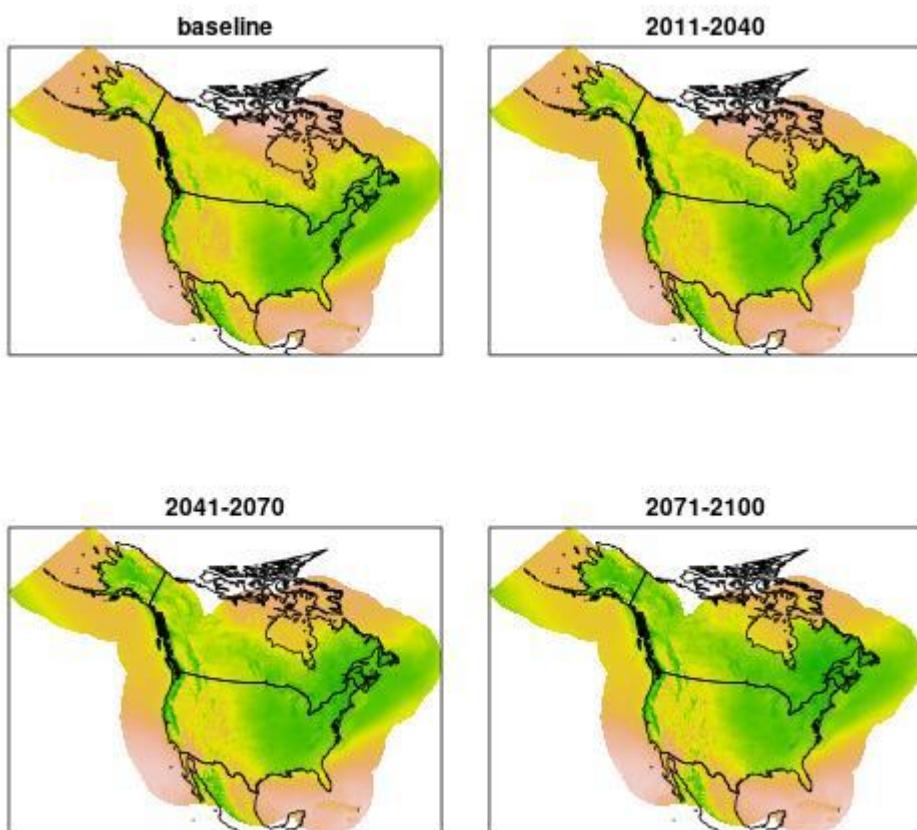
2071-2100



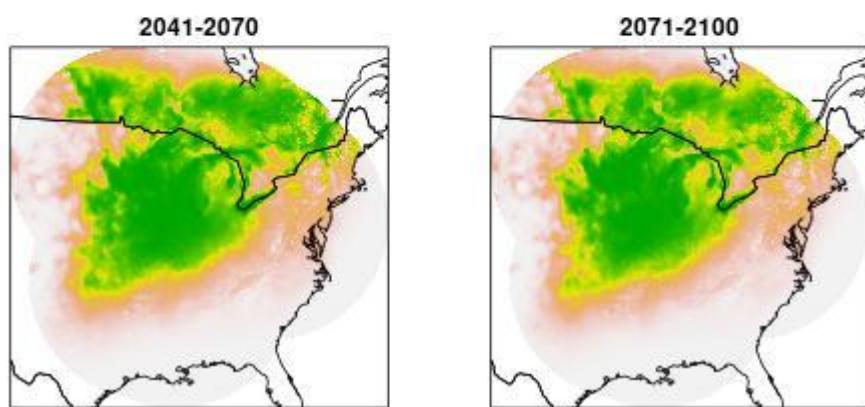
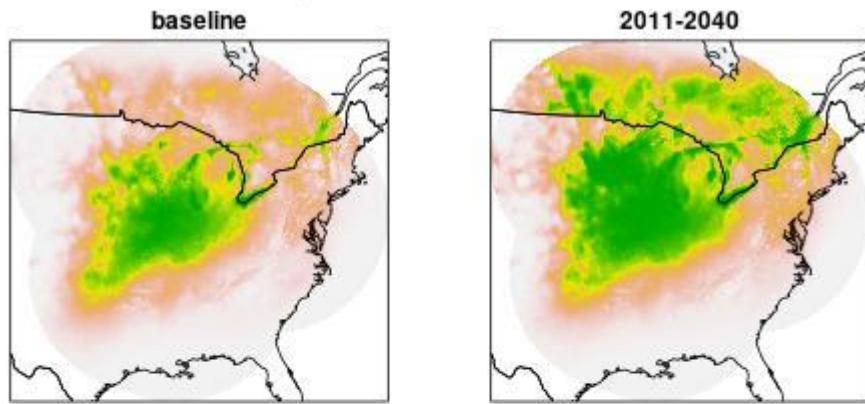
*Melanitta americana*, SSP = 126



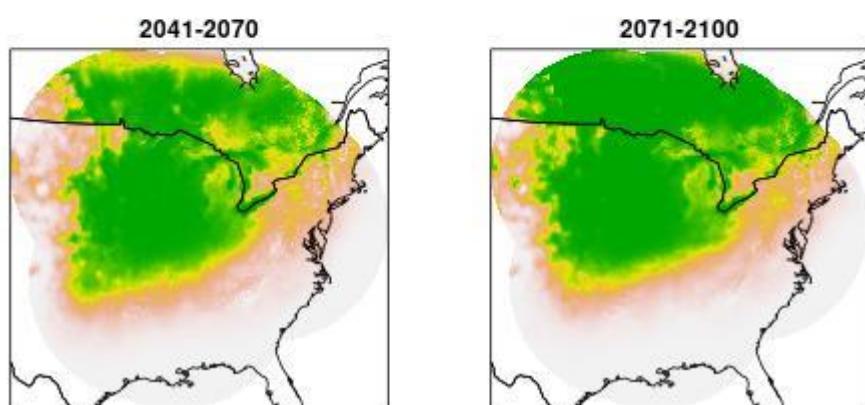
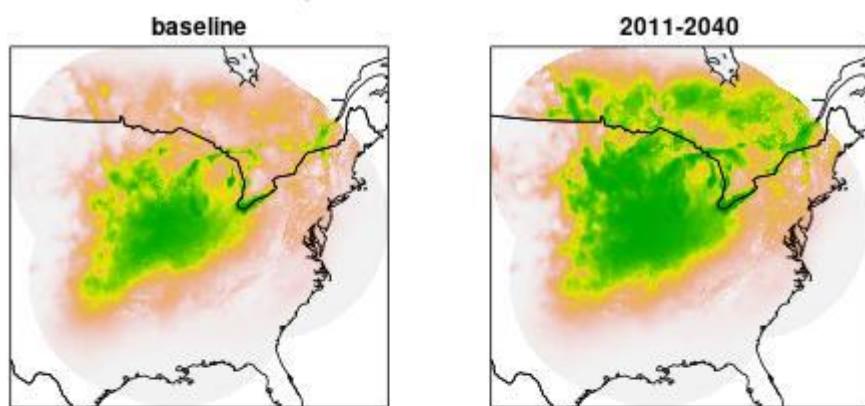
*Melanitta americana*, SSP = 585



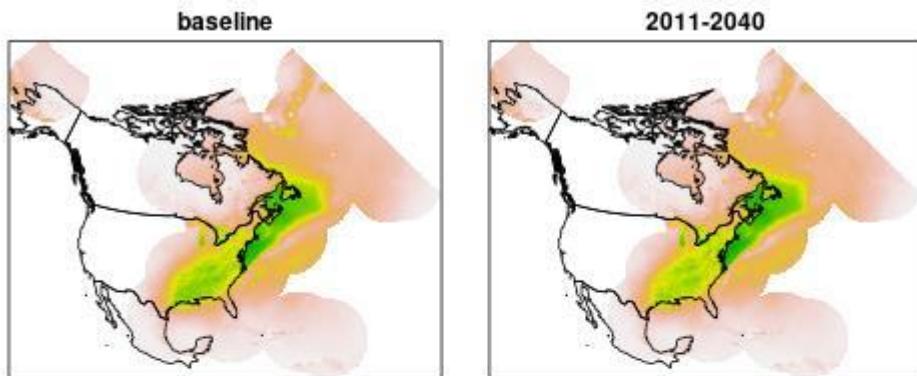
*Monarda punctata* var. *villicaulis*, SSP = 126



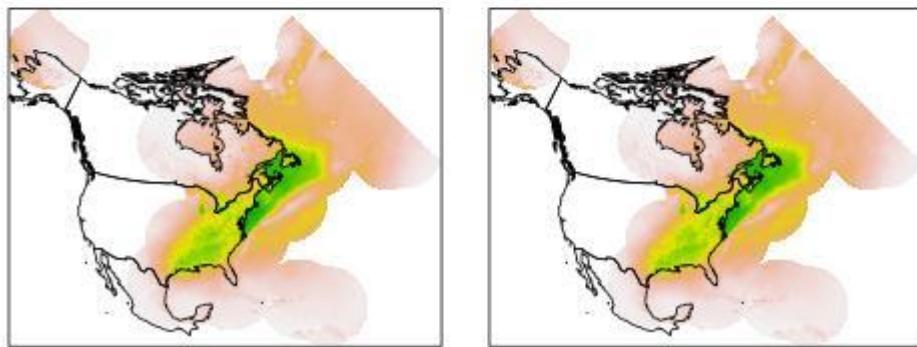
**Monarda punctata var. villicaulis, SSP = 585**



*Morus bassanus*, SSP = 126

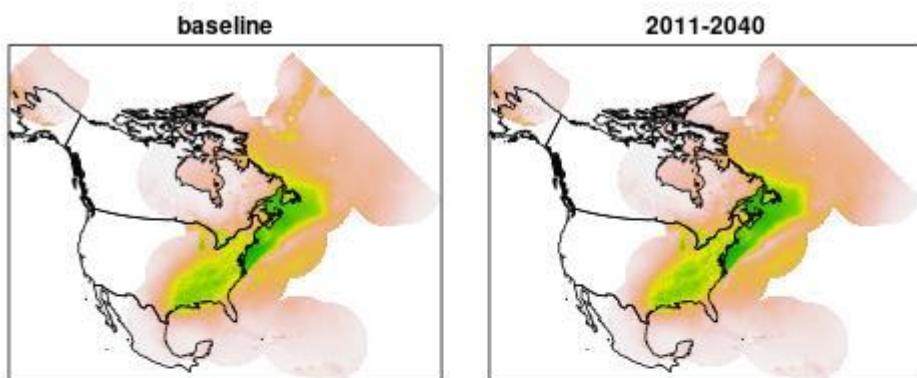


2041-2070



2071-2100

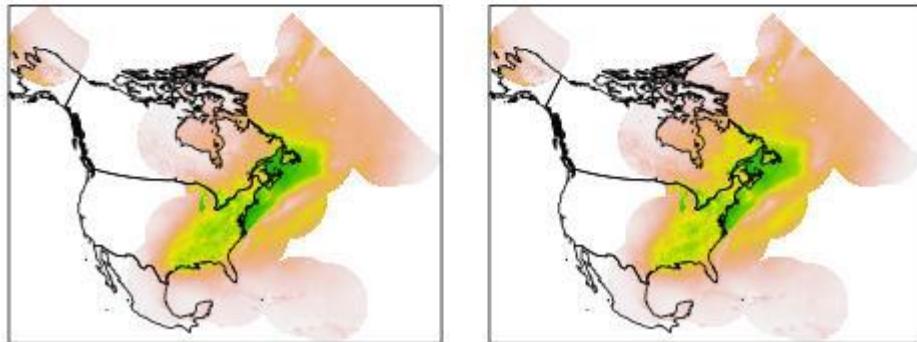
### Morus bassanus, SSP = 585



2011-2040

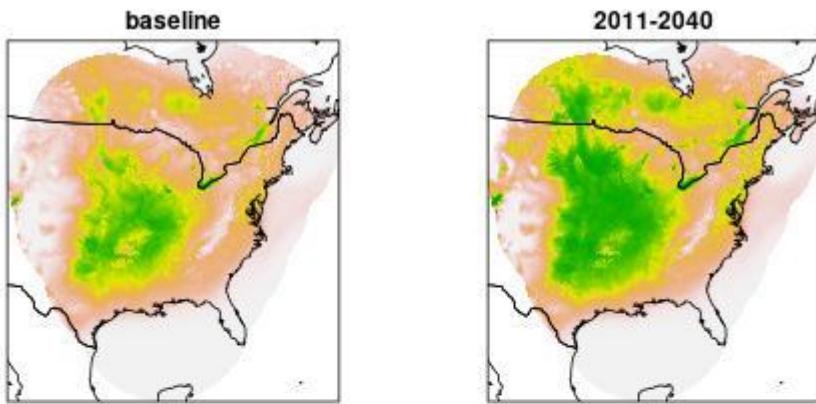
### baseline

2041-2070

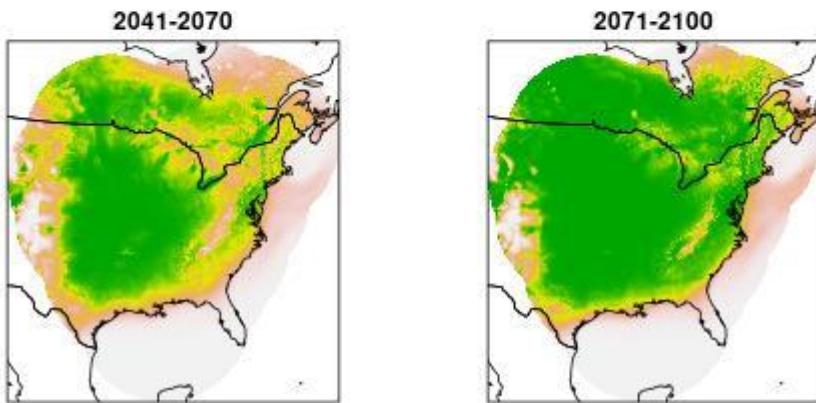
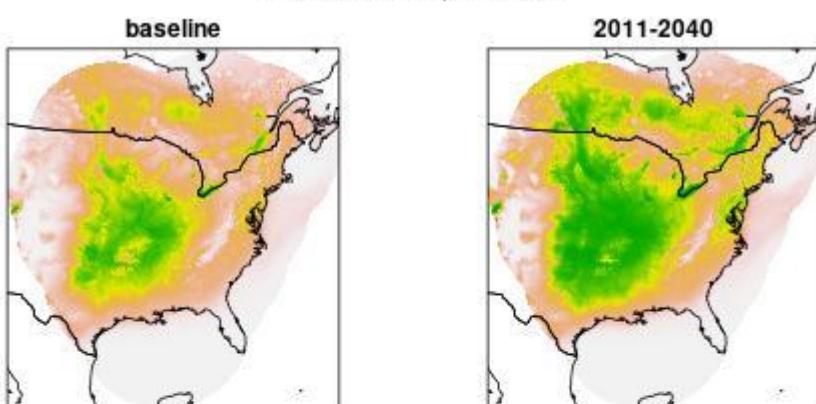


2071-2100

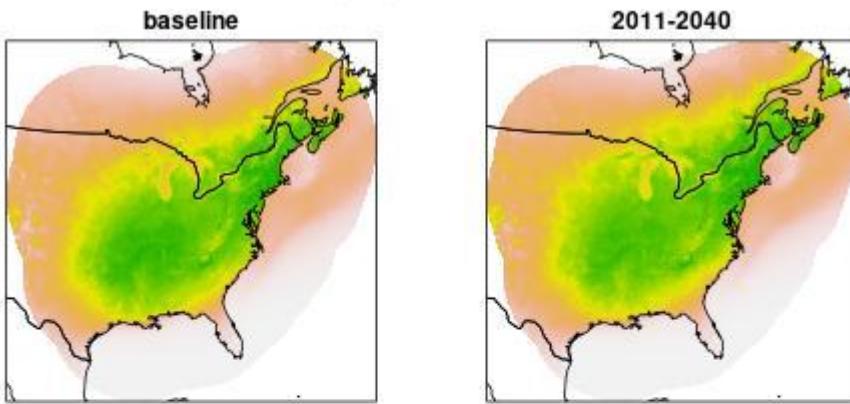
Obovaria olivaria, SSP = 126



Obovaria olivaria, SSP = 585



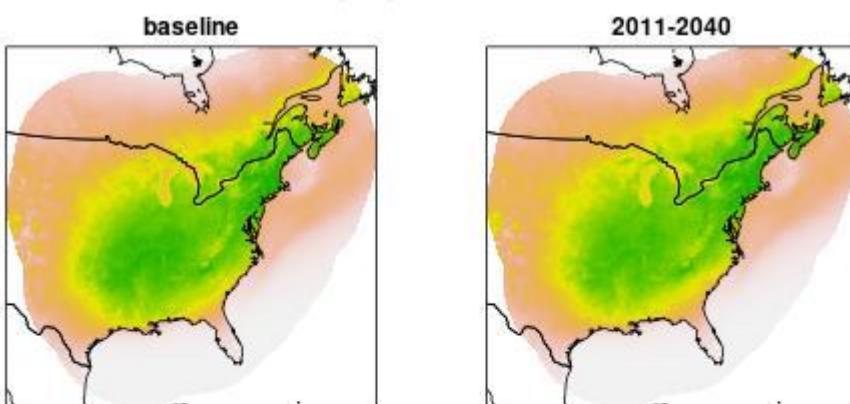
Panax quinquefolius, SSP = 126



2041-2070

2071-2100

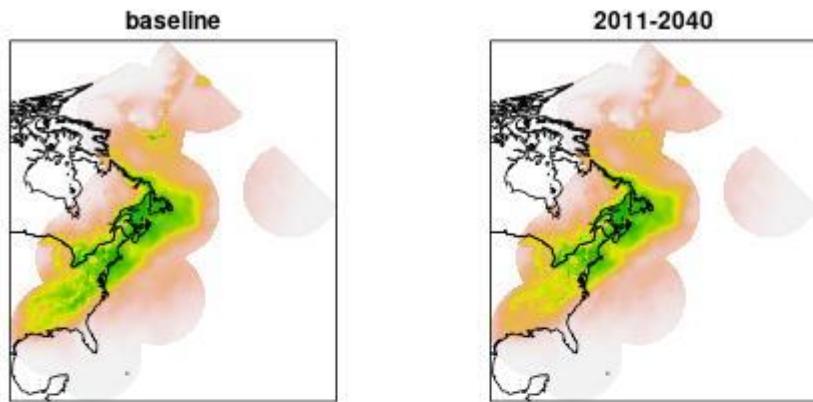
Panax quinquefolius, SSP = 585



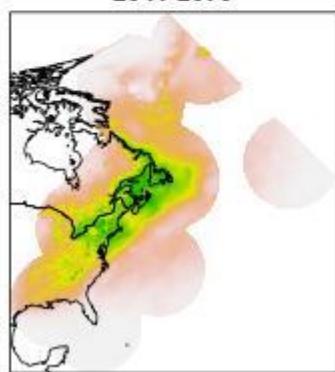
2041-2070

2071-2100

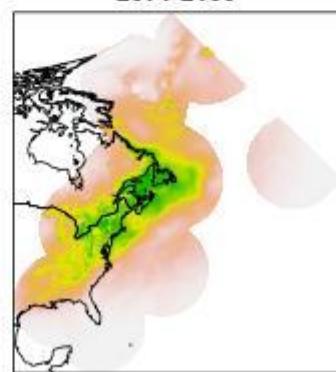
**Phalacrocorax carbo, SSP = 126**



2041-2070

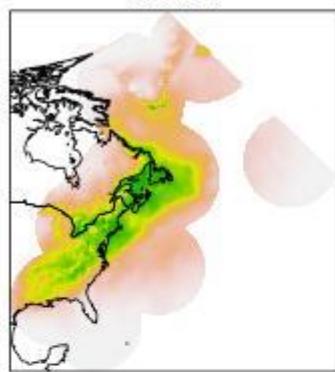


2071-2100

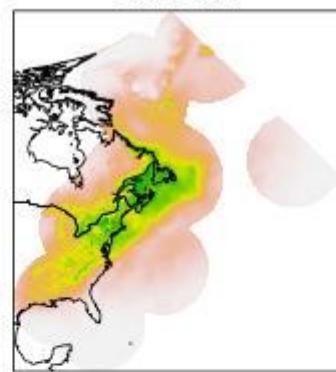


**Phalacrocorax carbo, SSP = 585**

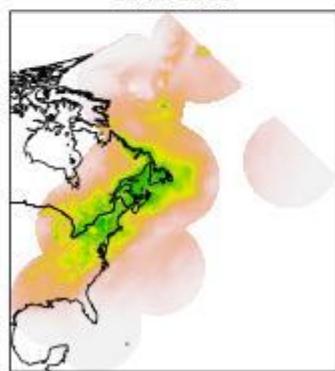
## baseline



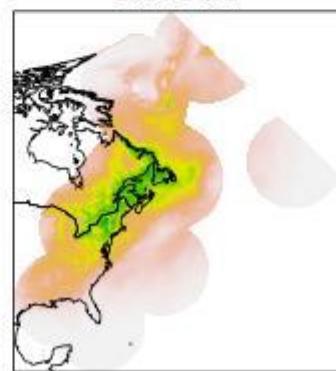
2011-2040



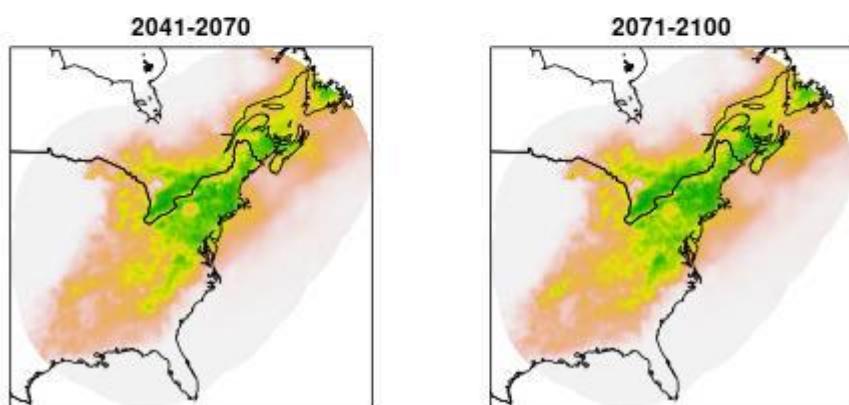
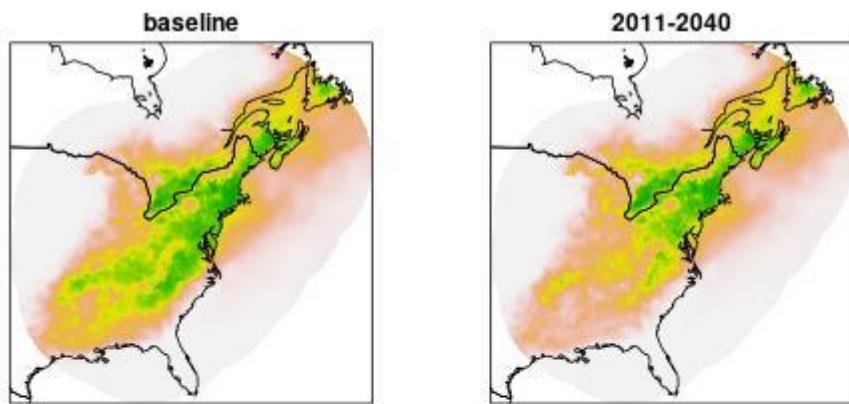
2041-2070



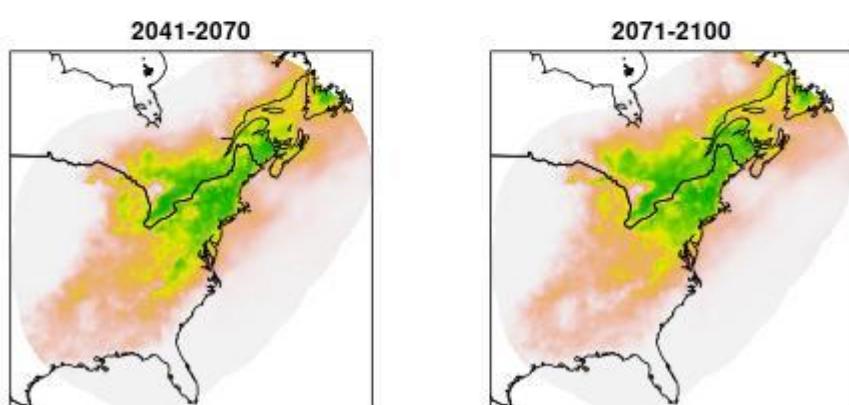
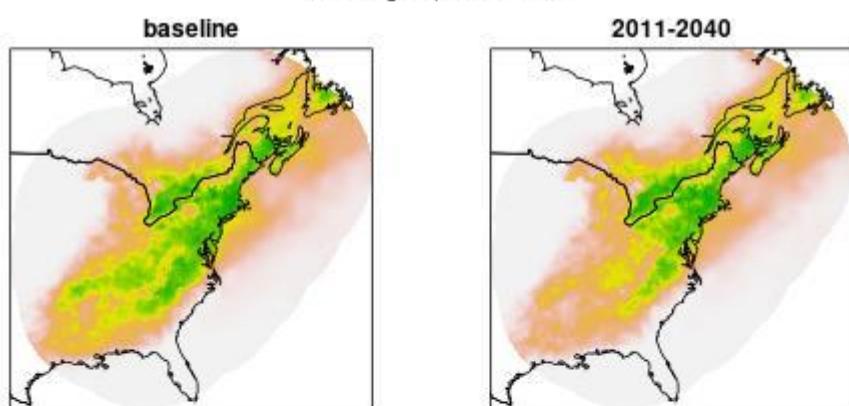
2071-2100



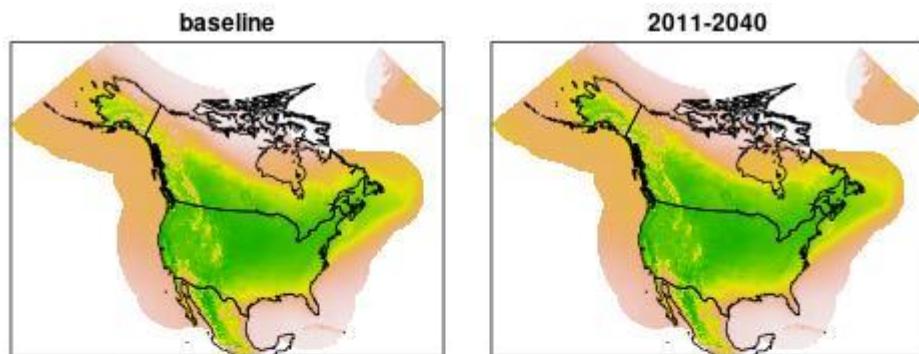
*Pinus rigida*, SSP = 126



*Pinus rigida*, SSP = 585

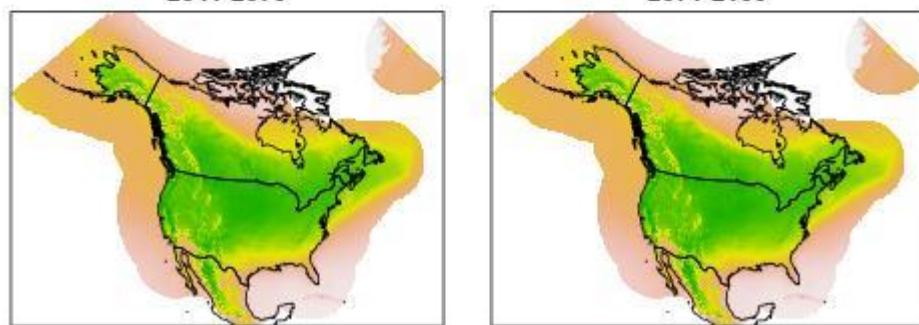


*Podiceps auritus*, SSP = 126

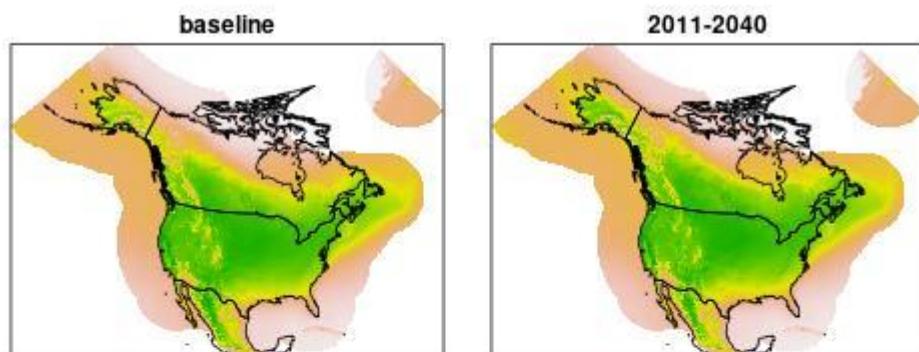


2041-2070

2071-2100

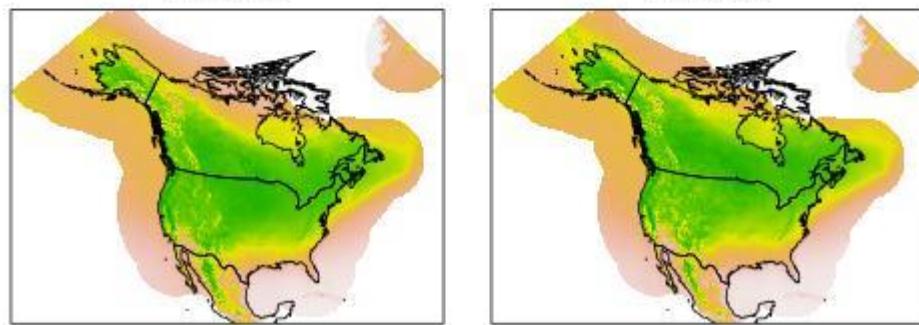


*Podiceps auritus*, SSP = 585

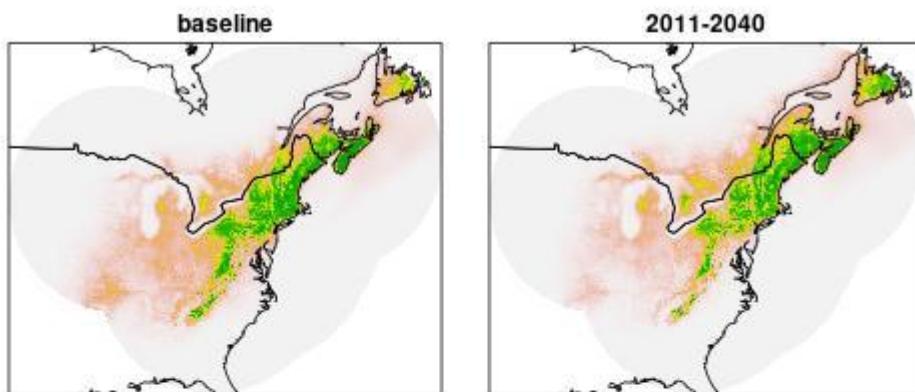


2041-2070

2071-2100

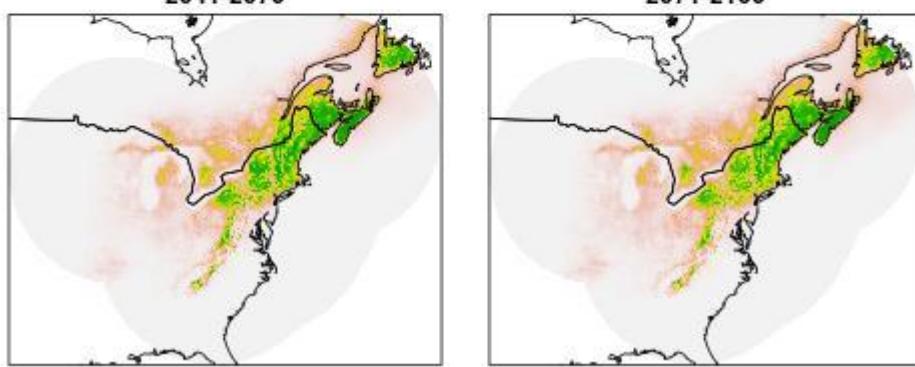


*Polemonium vanbruntiae*, SSP = 126

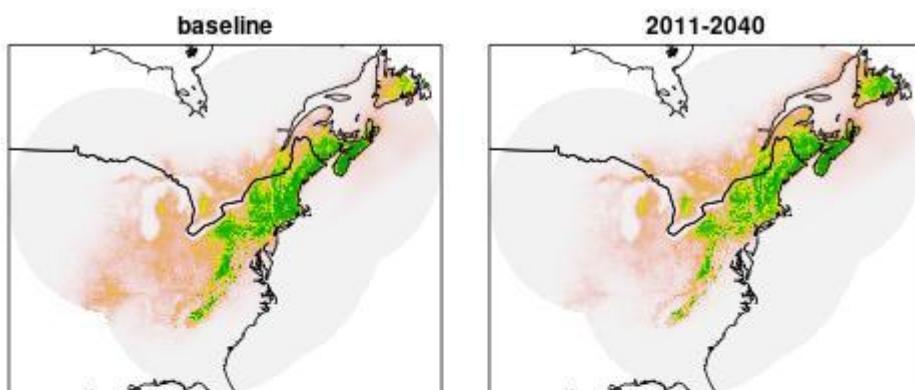


2041-2070

2071-2100

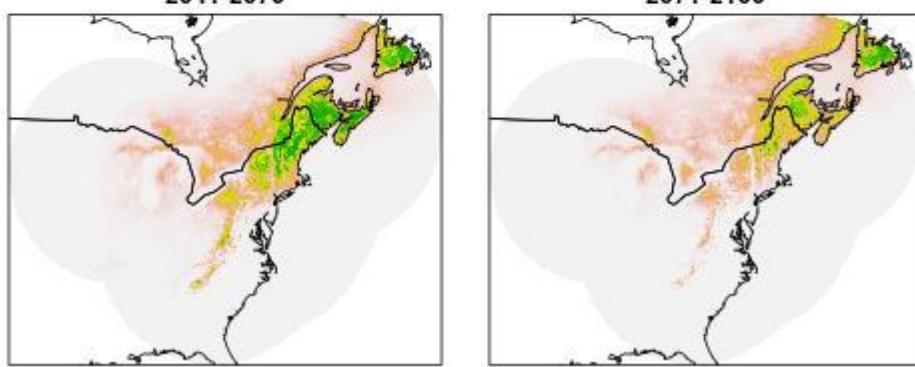


*Polemonium vanbruntiae*, SSP = 585

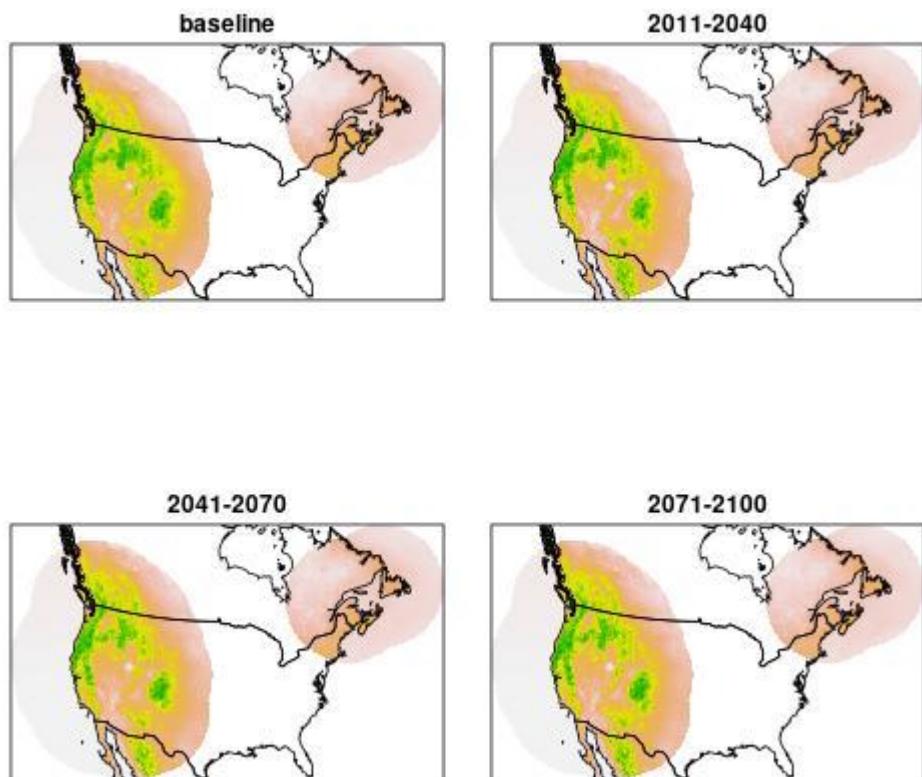


2041-2070

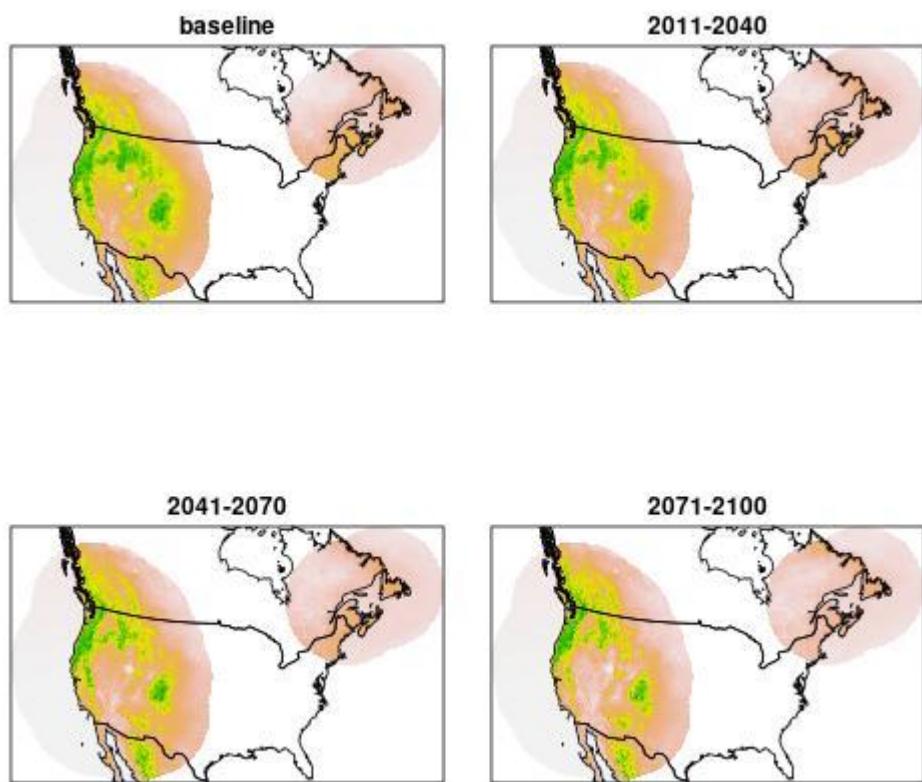
2071-2100



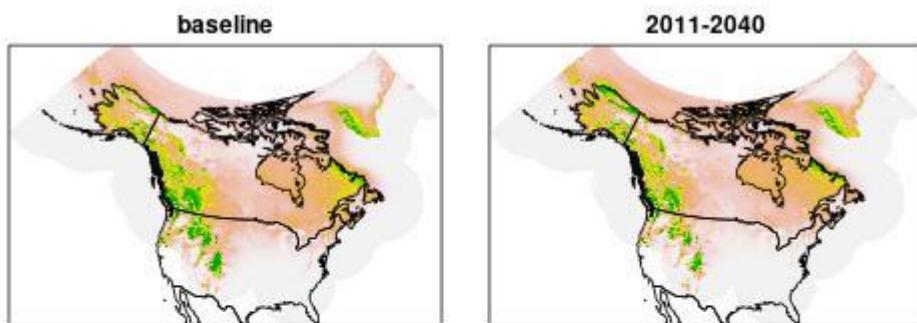
*Polystichum scopulinum*, SSP = 126



*Polystichum scopulinum*, SSP = 585

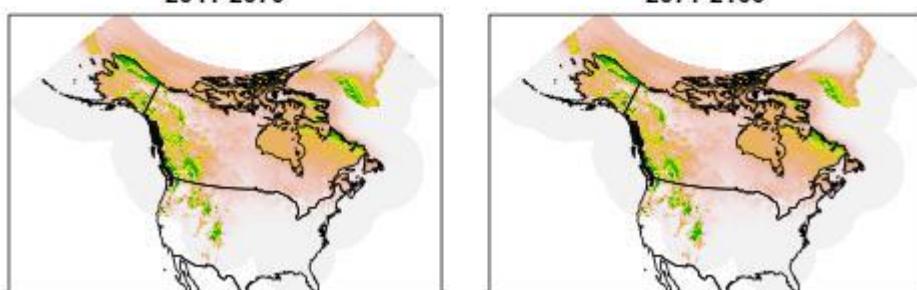


Rangifer tarandus, SSP = 126

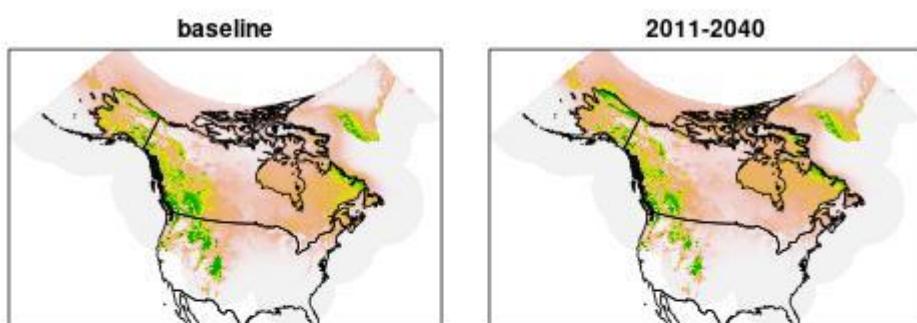


2041-2070

2071-2100

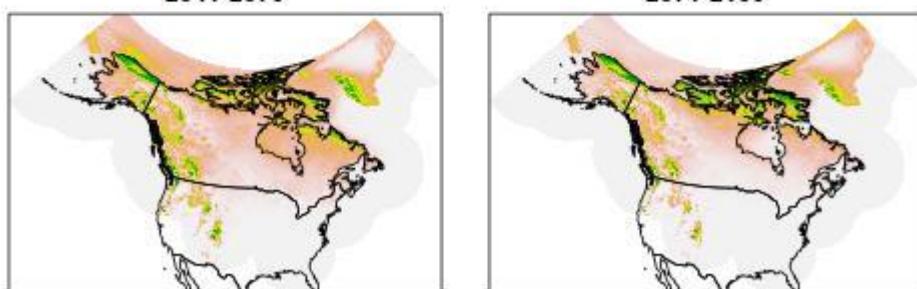


Rangifer tarandus, SSP = 585

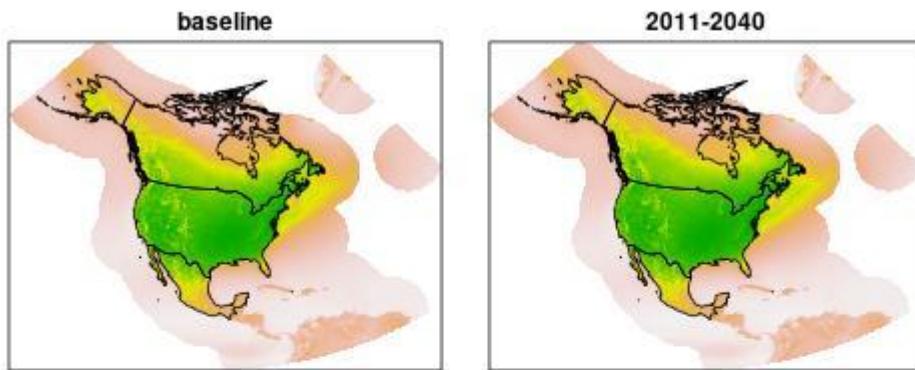


2041-2070

2071-2100

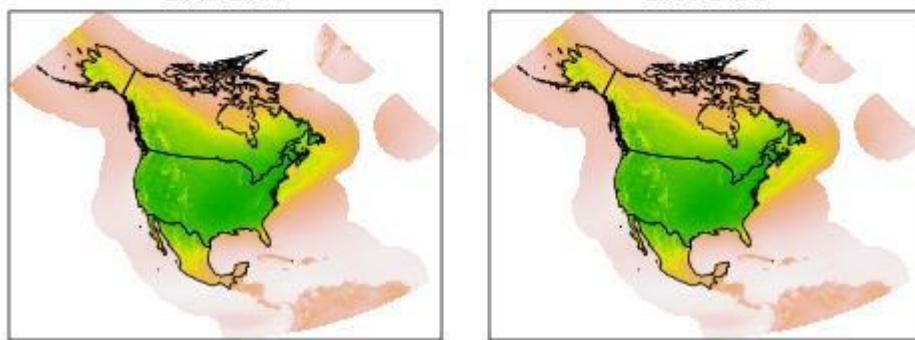


*Riparia riparia*, SSP = 126

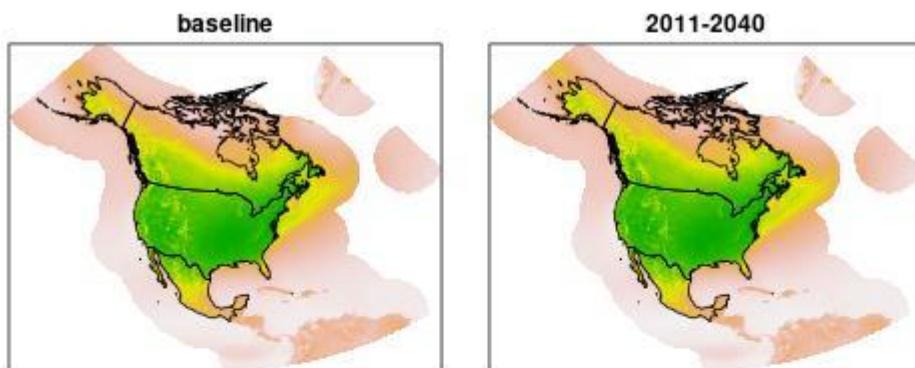


2041-2070

2071-2100

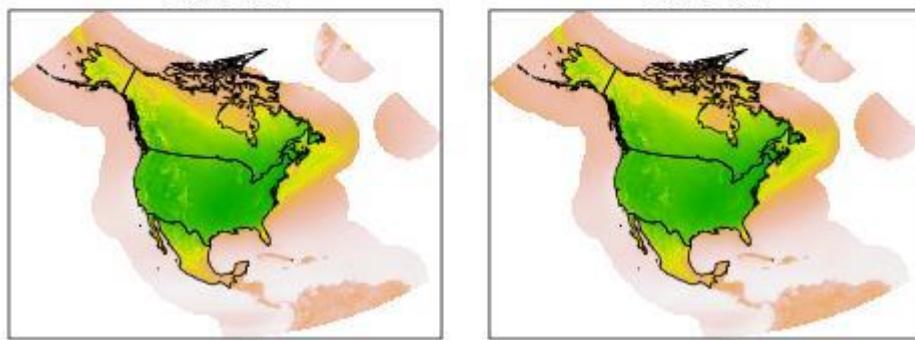


*Riparia riparia*, SSP = 585

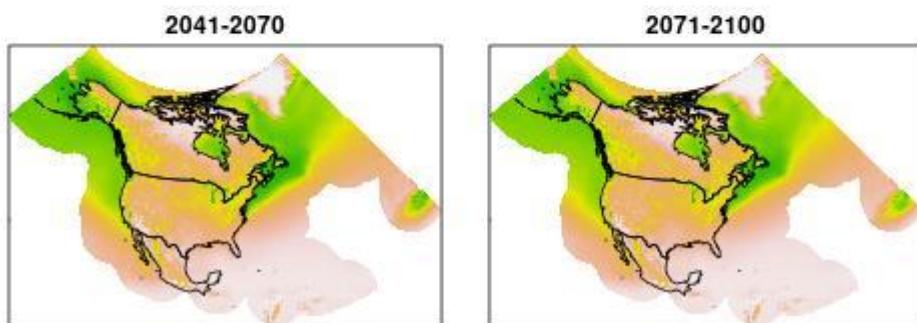
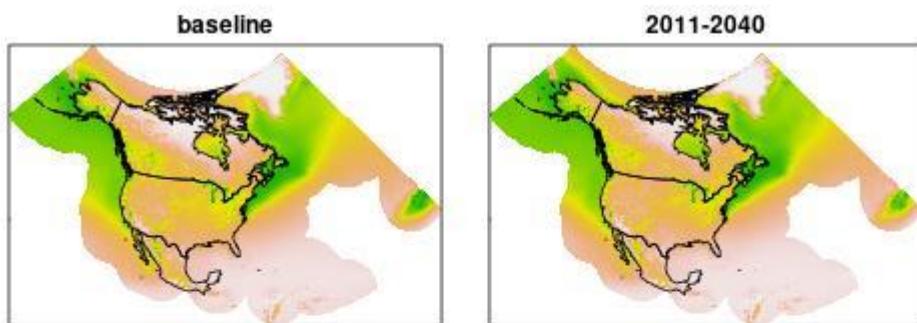


2041-2070

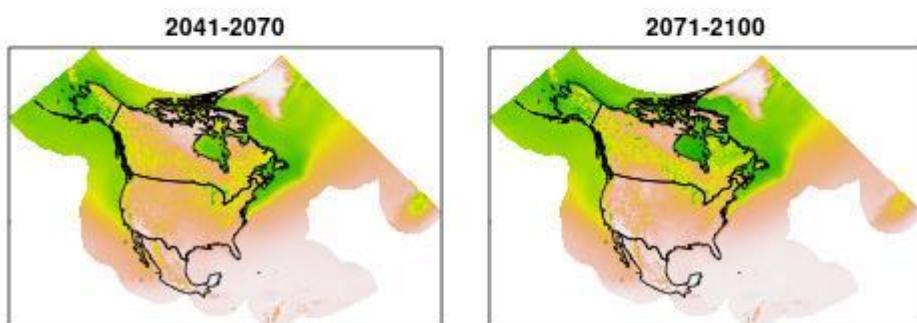
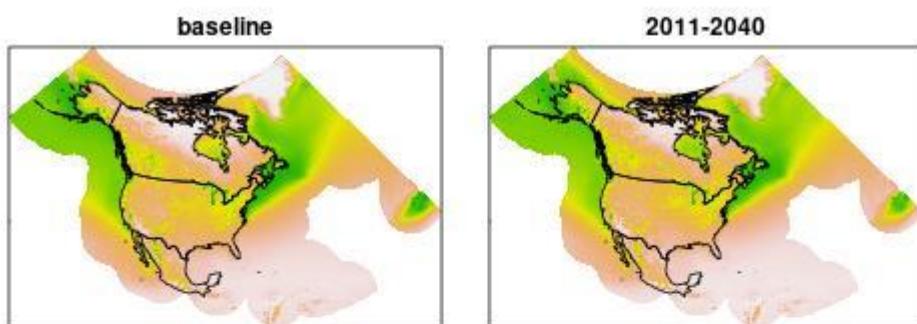
2071-2100



*Rissa tridactyla*, SSP = 126

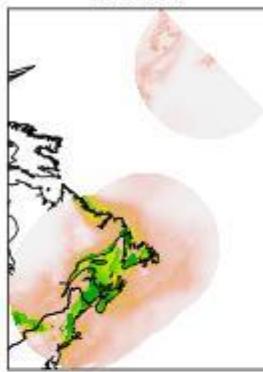


*Rissa tridactyla*, SSP = 585

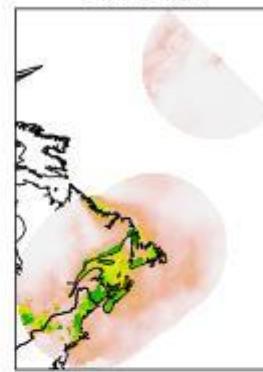


*Seligeria brevifolia*, SSP = 126

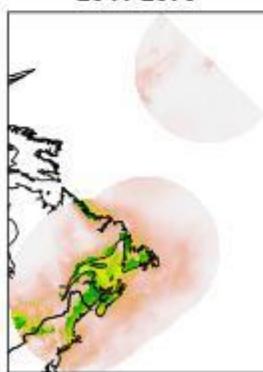
baseline



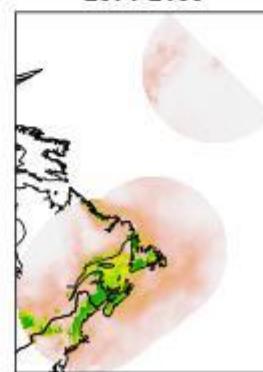
2011-2040



2041-2070

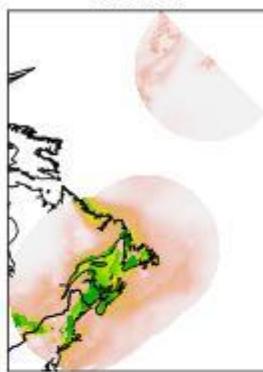


2071-2100

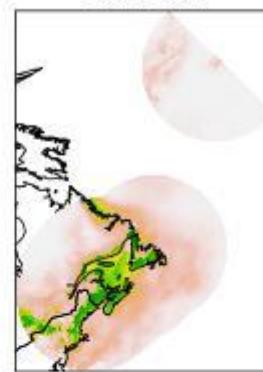


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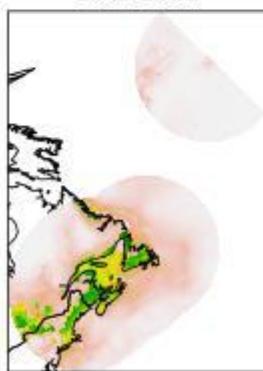
baseline



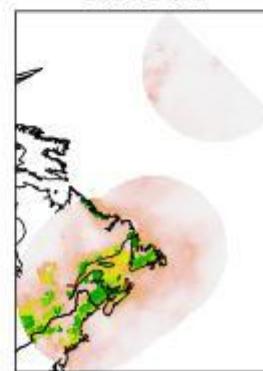
2011-2040



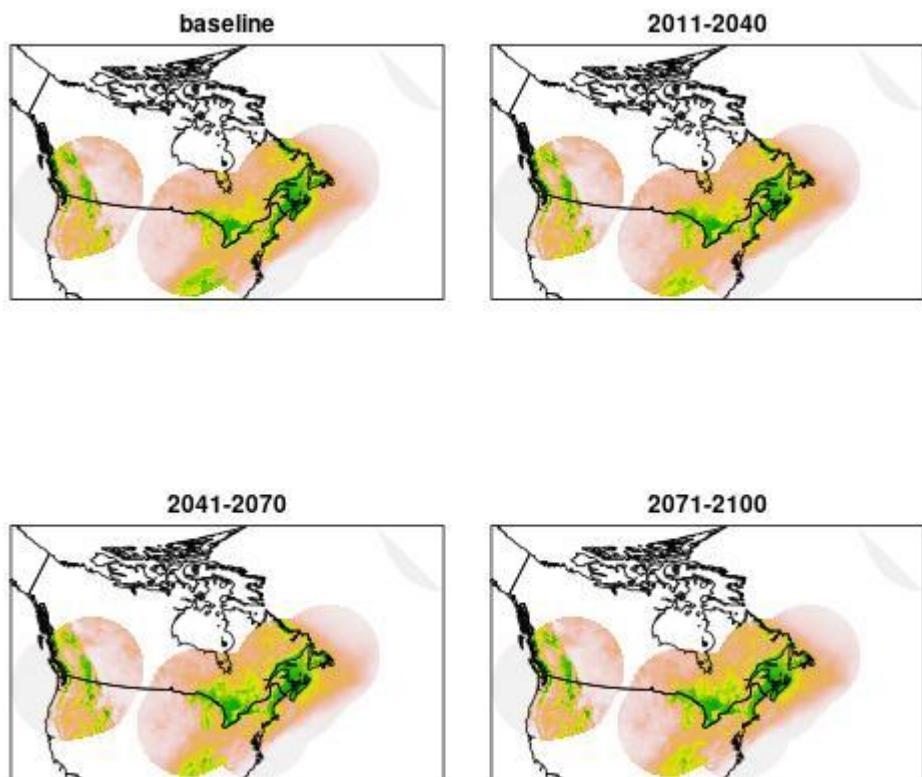
2041-2070



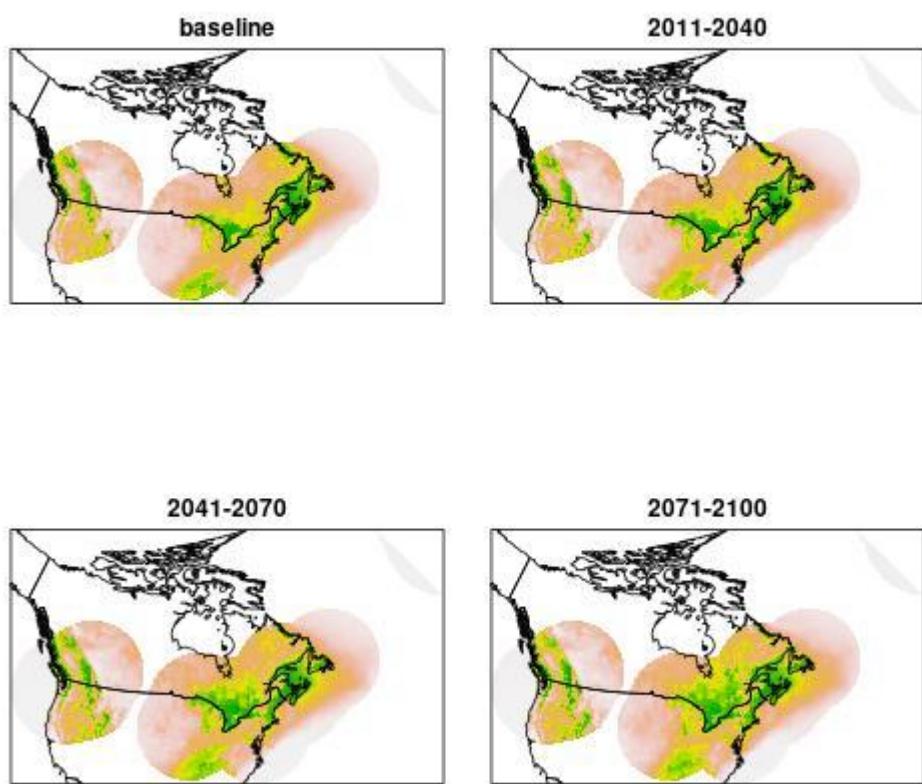
2071-2100



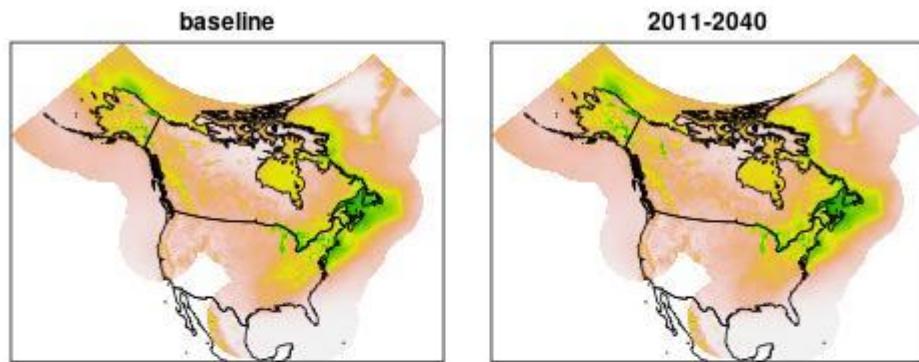
*Seligeria recurvata*, SSP = 126



*Seligeria recurvata*, SSP = 585

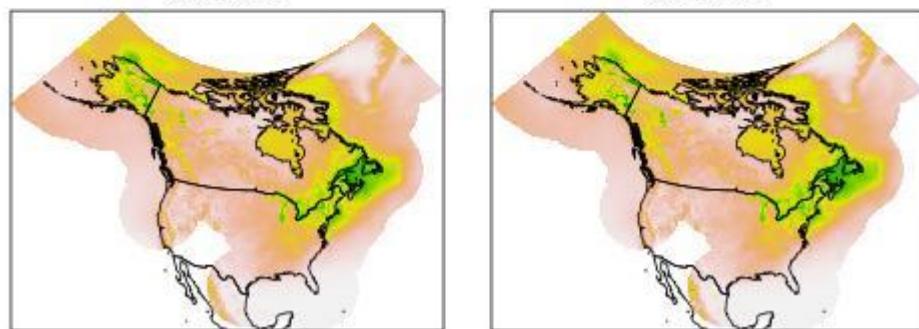


*Somateria mollissima*, SSP = 126

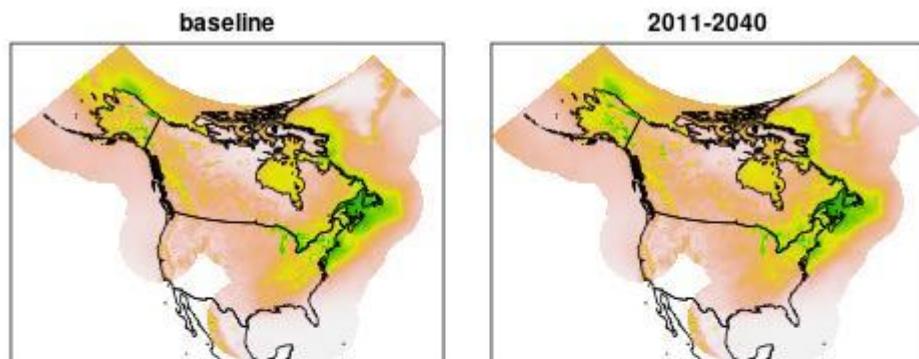


2041-2070

2071-2100

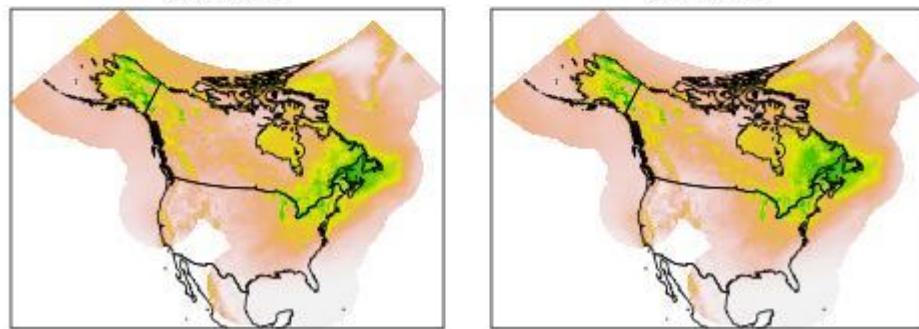


*Somateria mollissima*, SSP = 585



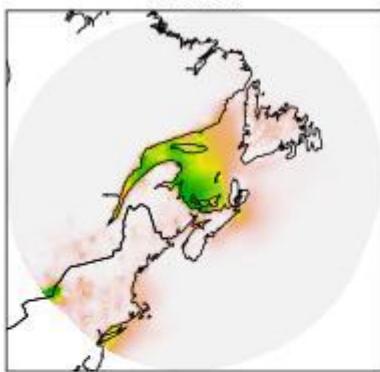
2041-2070

2071-2100

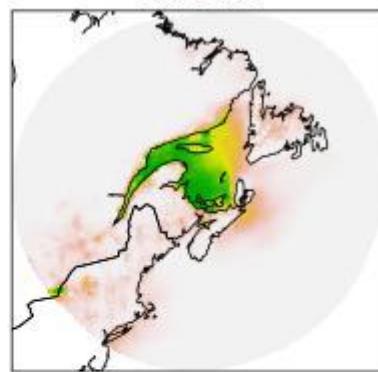


*Symphyotrichum laurentianum*, SSP = 126

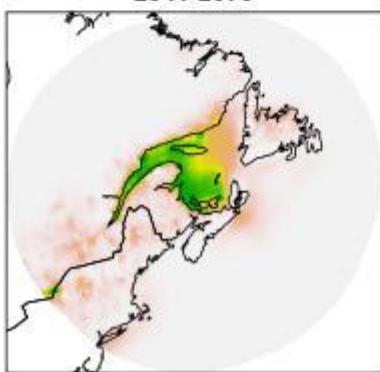
baseline



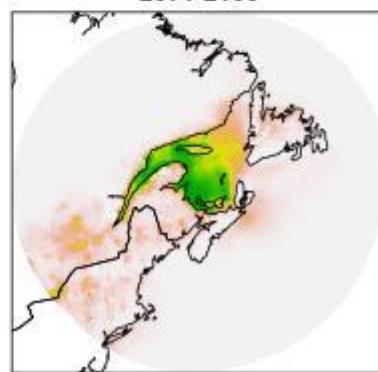
2011-2040



2041-2070

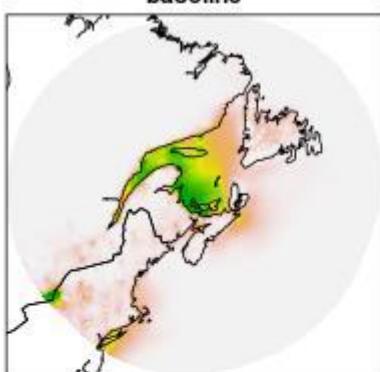


2071-2100

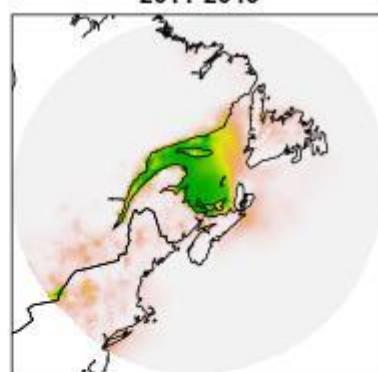


*Symphyotrichum laurentianum*, SSP = 585

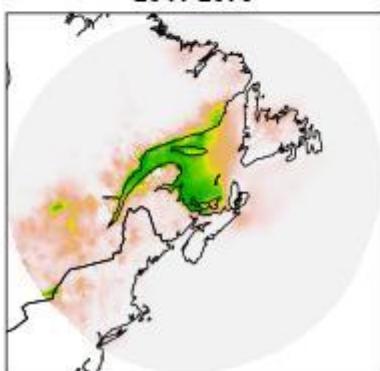
baseline



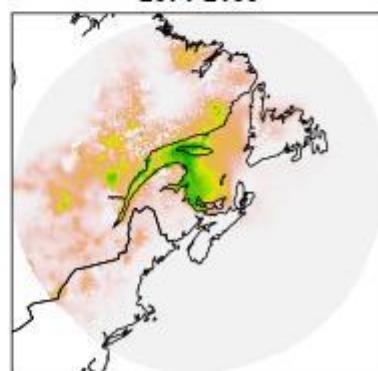
2011-2040



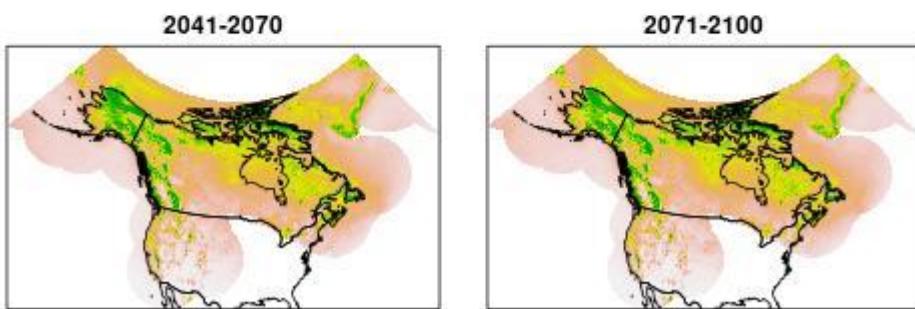
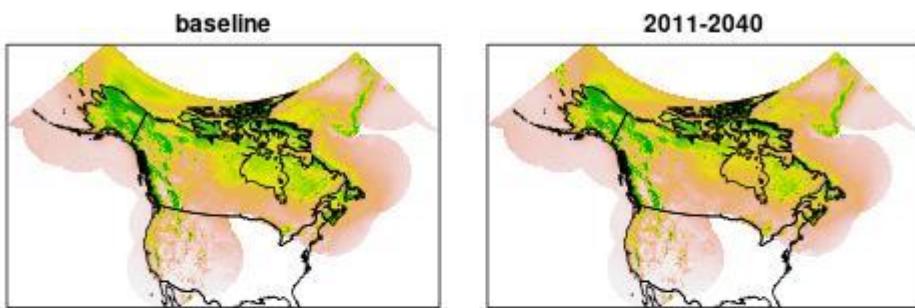
2041-2070



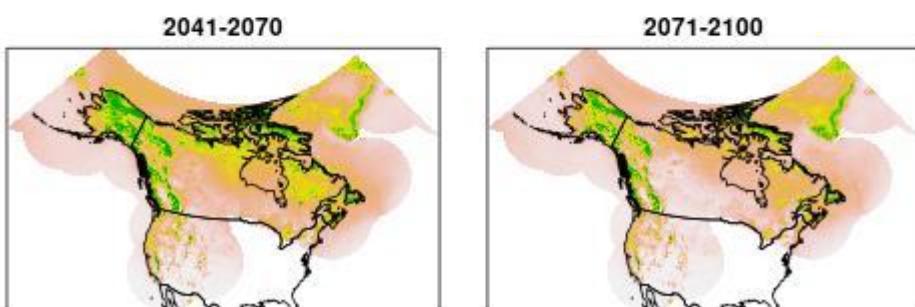
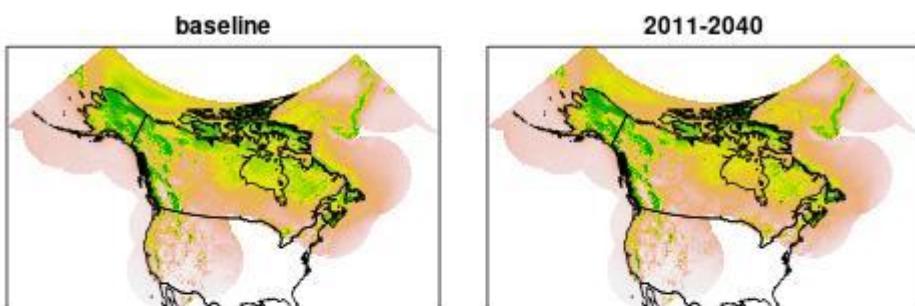
2071-2100



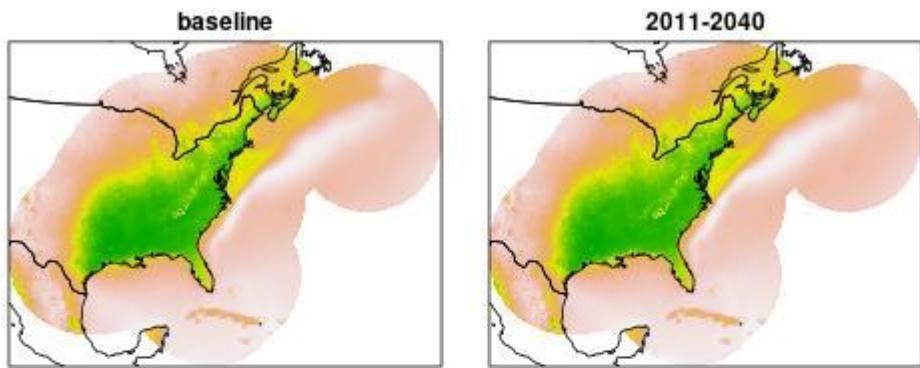
*Timmia norvegica* var. *excurrents*, SSP = 126



*Timmia norvegica* var. *excurrents*, SSP = 585

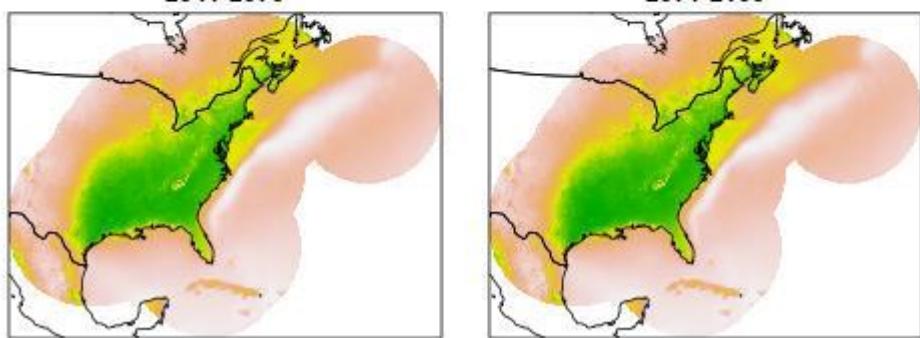


*Trichostema dichotomum*, SSP = 126

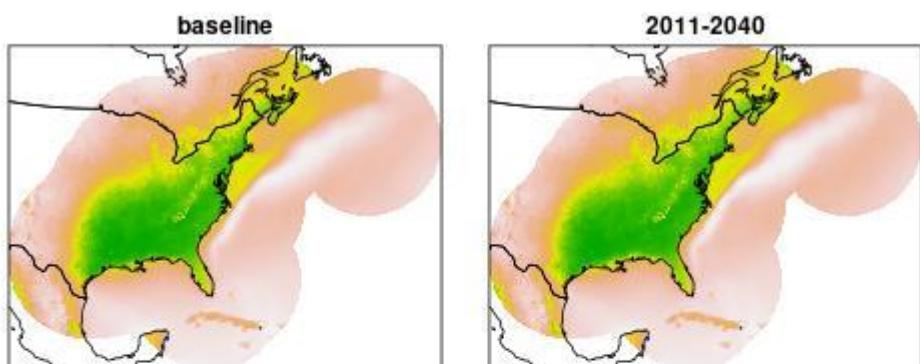


2041-2070

2071-2100

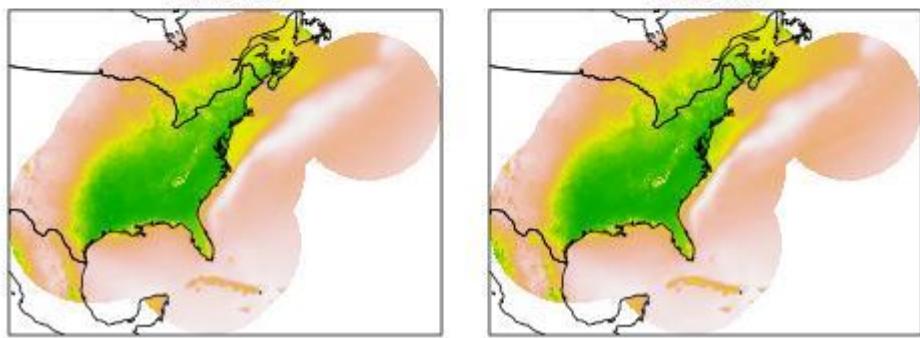


*Trichostema dichotomum*, SSP = 585

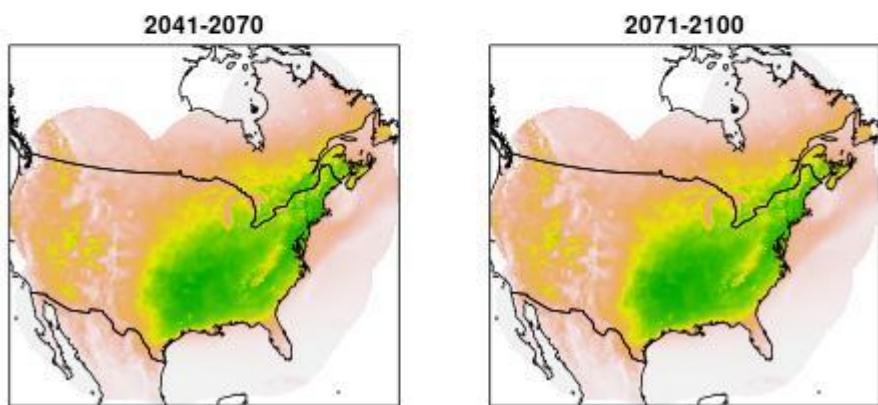
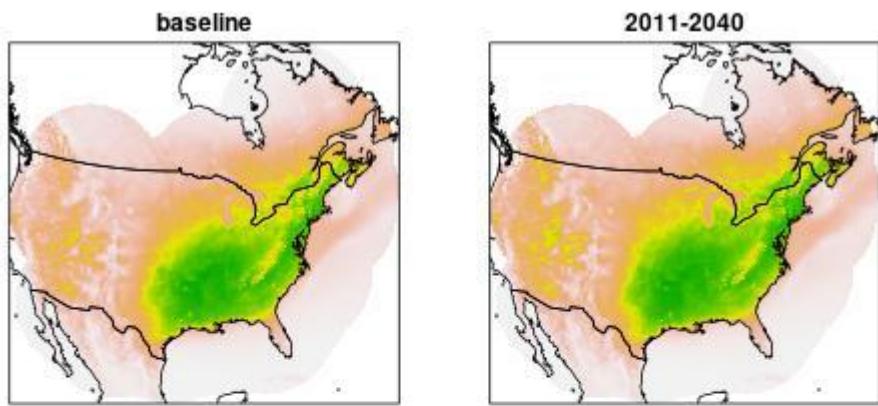


2041-2070

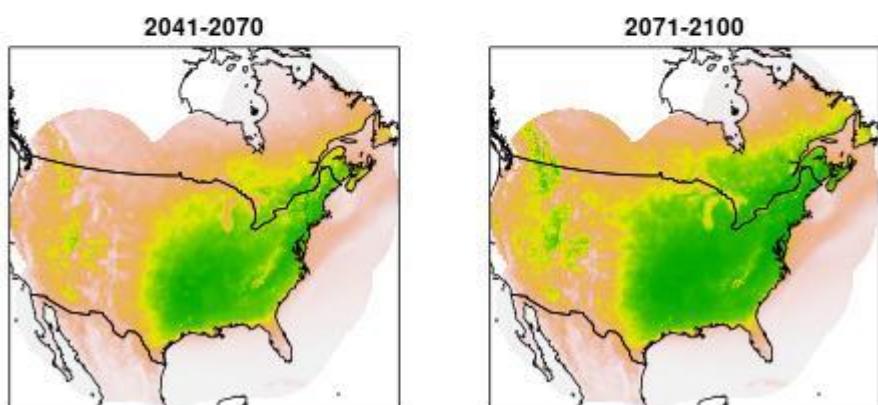
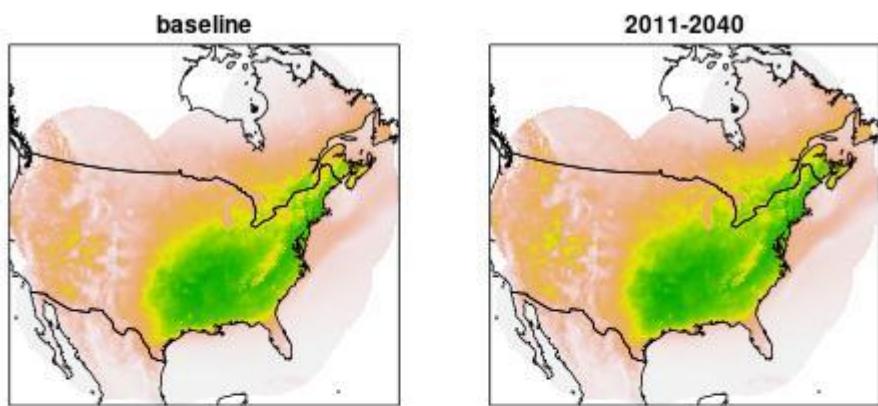
2071-2100



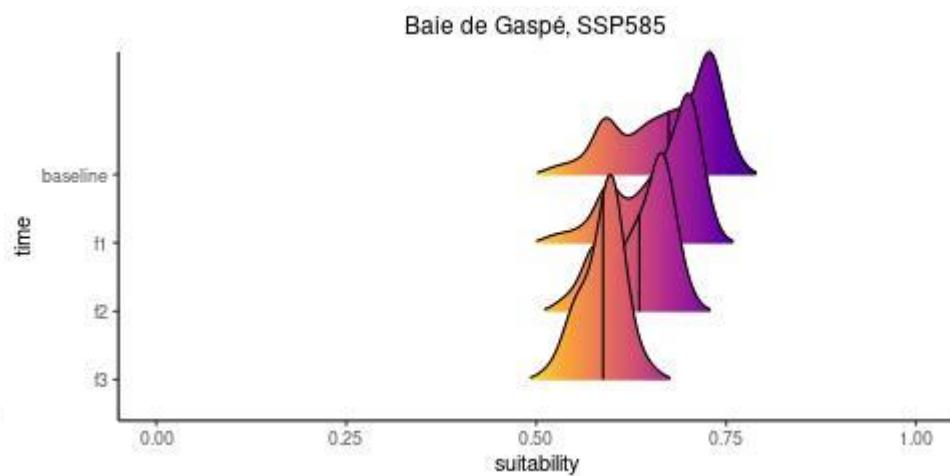
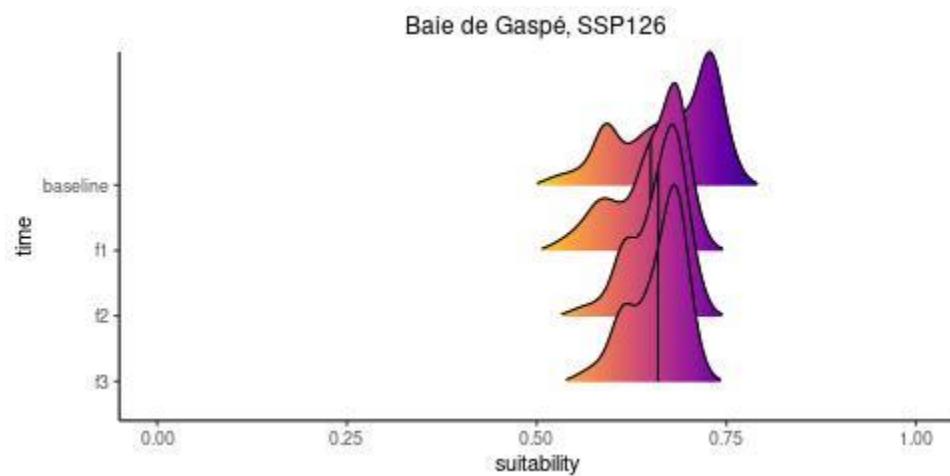
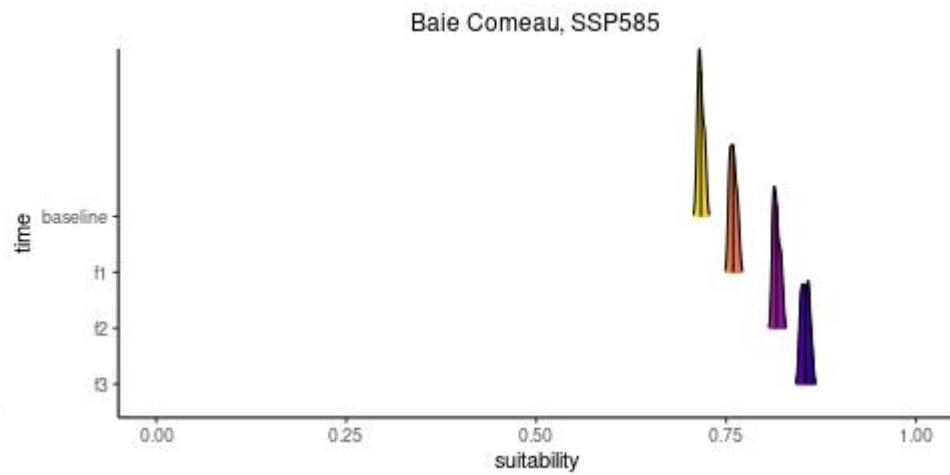
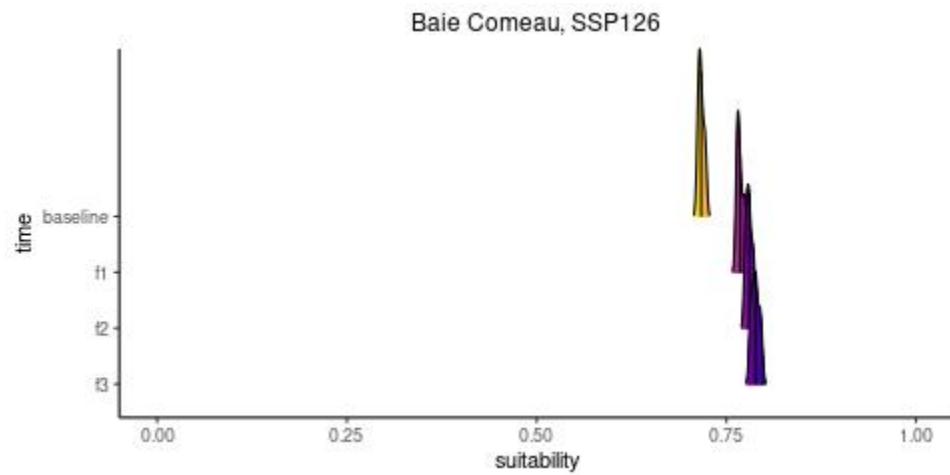
*Woodsia obtusa*, SSP = 126



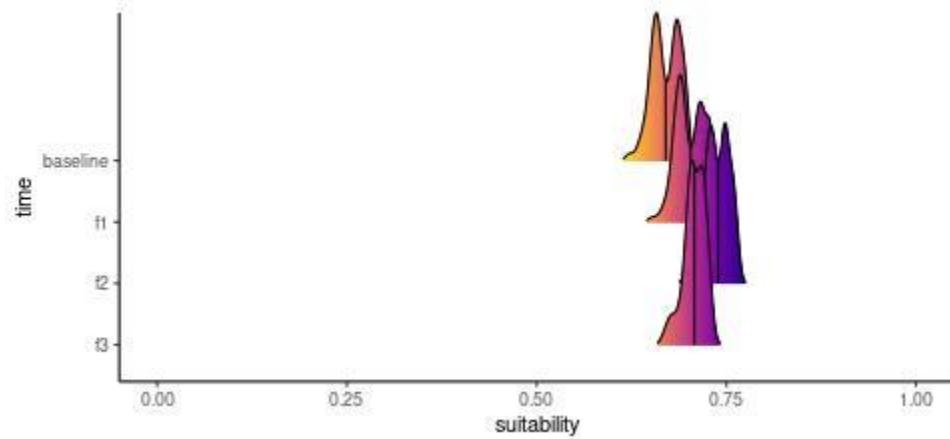
*Woodsia obtusa*, SSP = 585



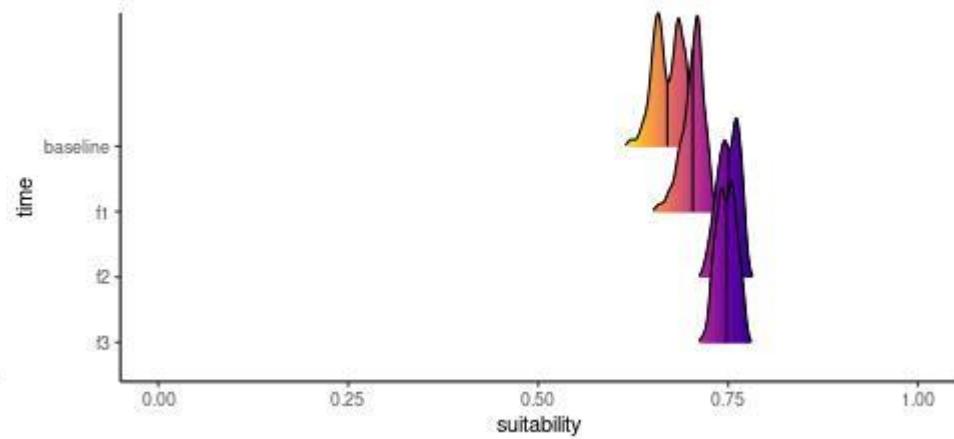
**Online supplement 3.** Density ridge plots showing the distribution of suitability values for each site over the four time periods and under the two scenarios (SSP1-2.6 and SSP5-8.5). Density ridges indicate the density (prevalence) of different suitability values throughout the KBA, and can be roughly understood as a smoothed version of a histogram. The height of the ridges indicates the density of cells with a particular suitability value. Colour indicates suitability, ranging from low (yellow) to high (purple). Vertical lines in each ridge plot indicate the mean site suitability for the time period and scenario. The y-axis indicates time: f1 = 2011–2040, f2 = 2041–2070, and f3 = 2071–2100. Note that KBAs must intersect with at least three pixels in order to produce a density ridge plot.



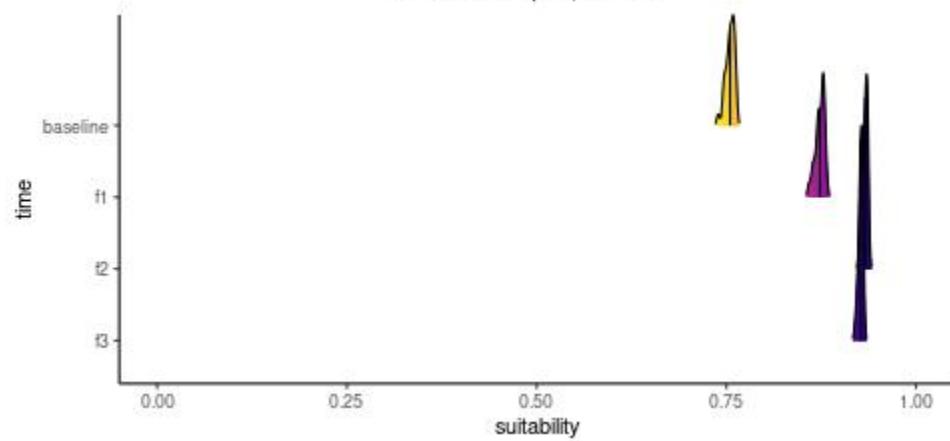
Baie des Escoumins et Grandes-Bergeronnes, SSP126



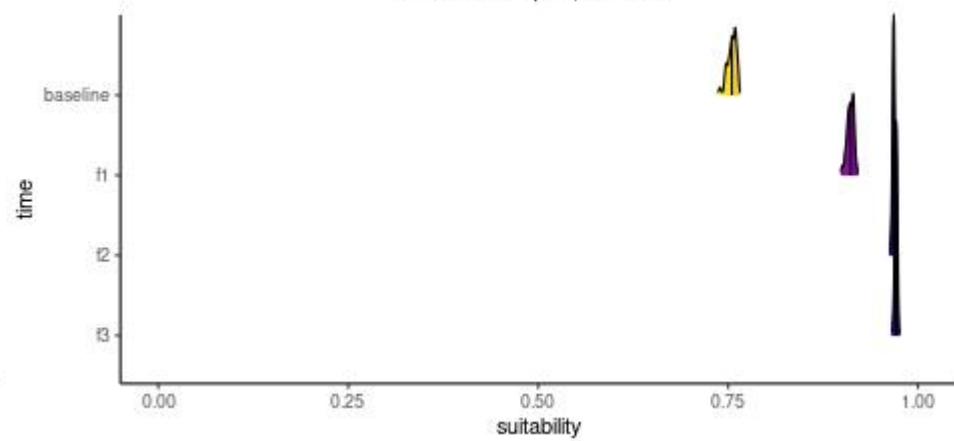
Baie des Escoumins et Grandes-Bergeronnes, SSP585

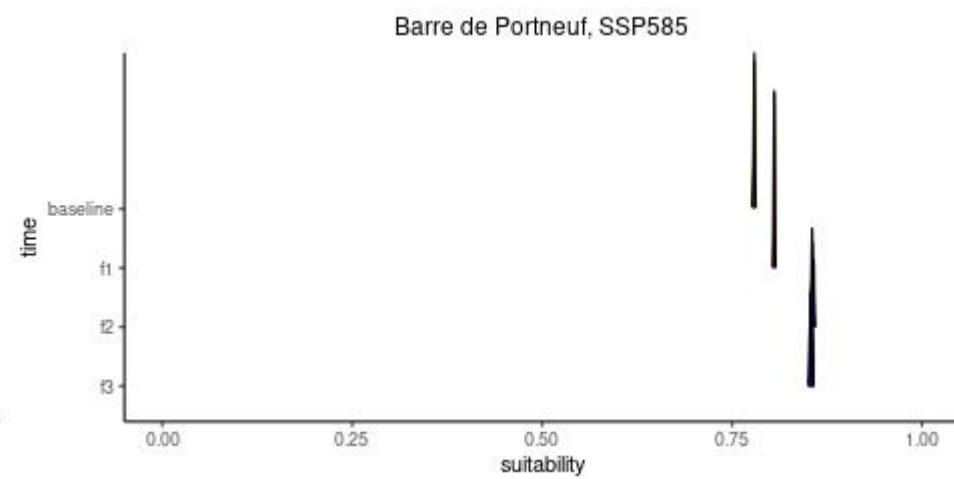
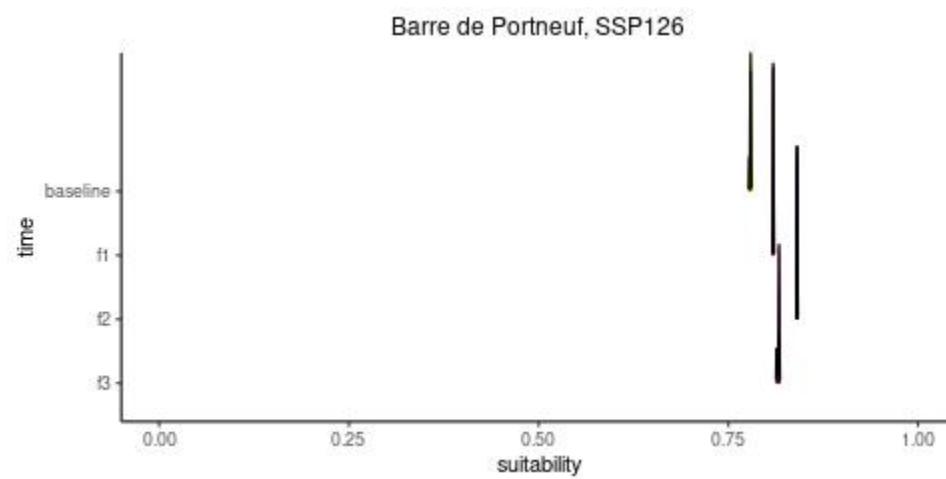
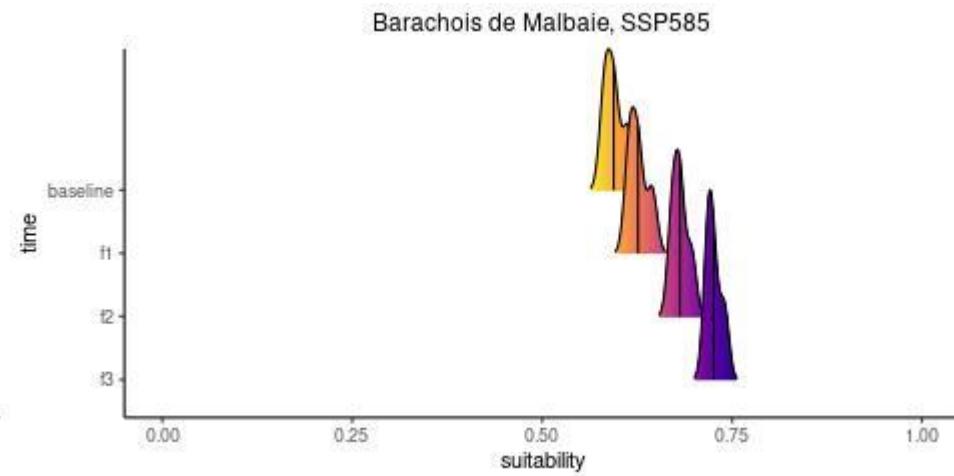
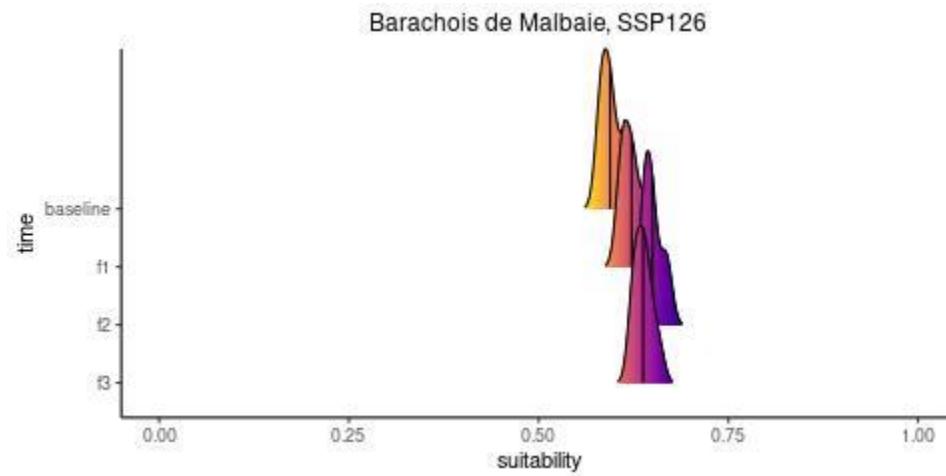


Baie Missisquoi, SSP126

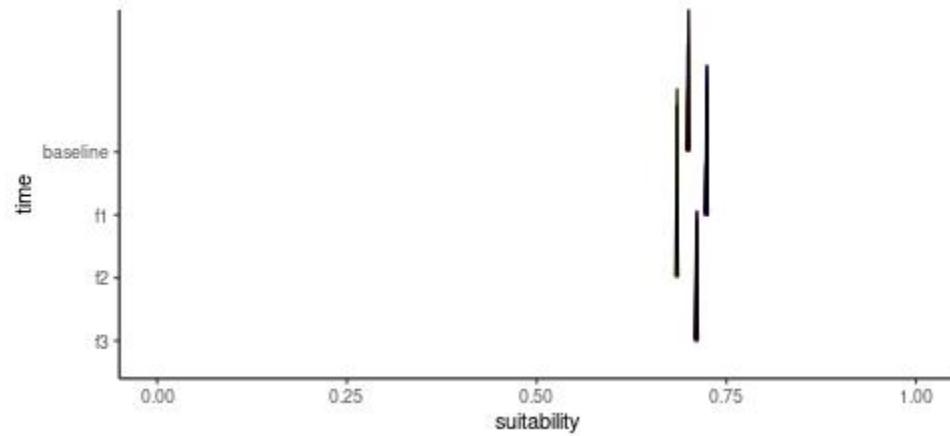


Baie Missisquoi, SSP585

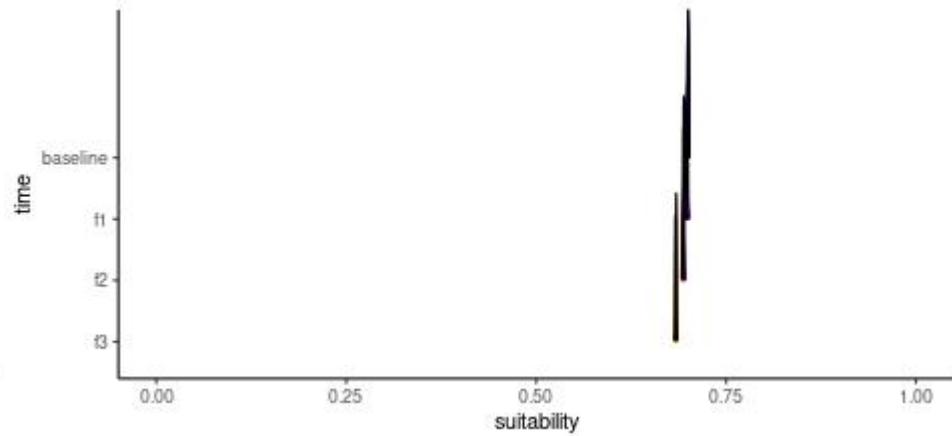




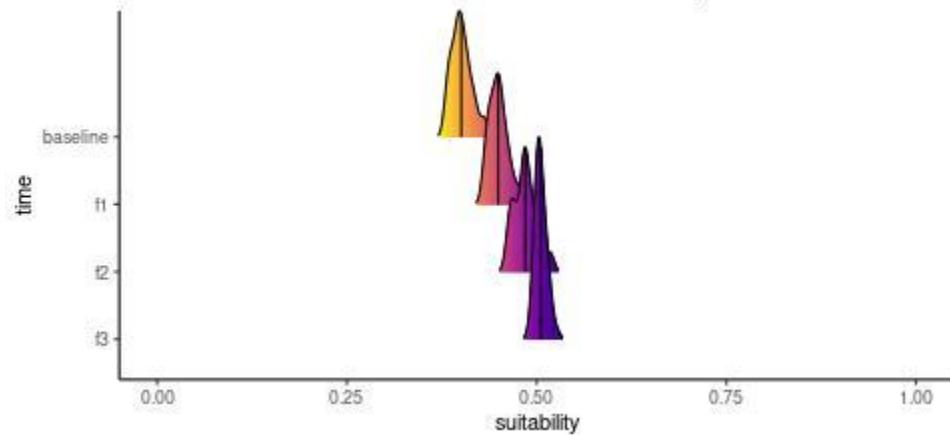
Bassin aux Huîtres, SSP126



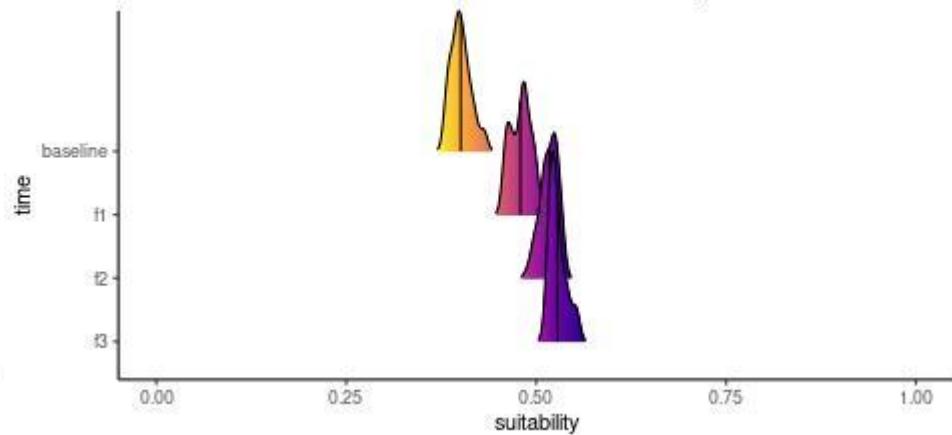
Bassin aux Huîtres, SSP585

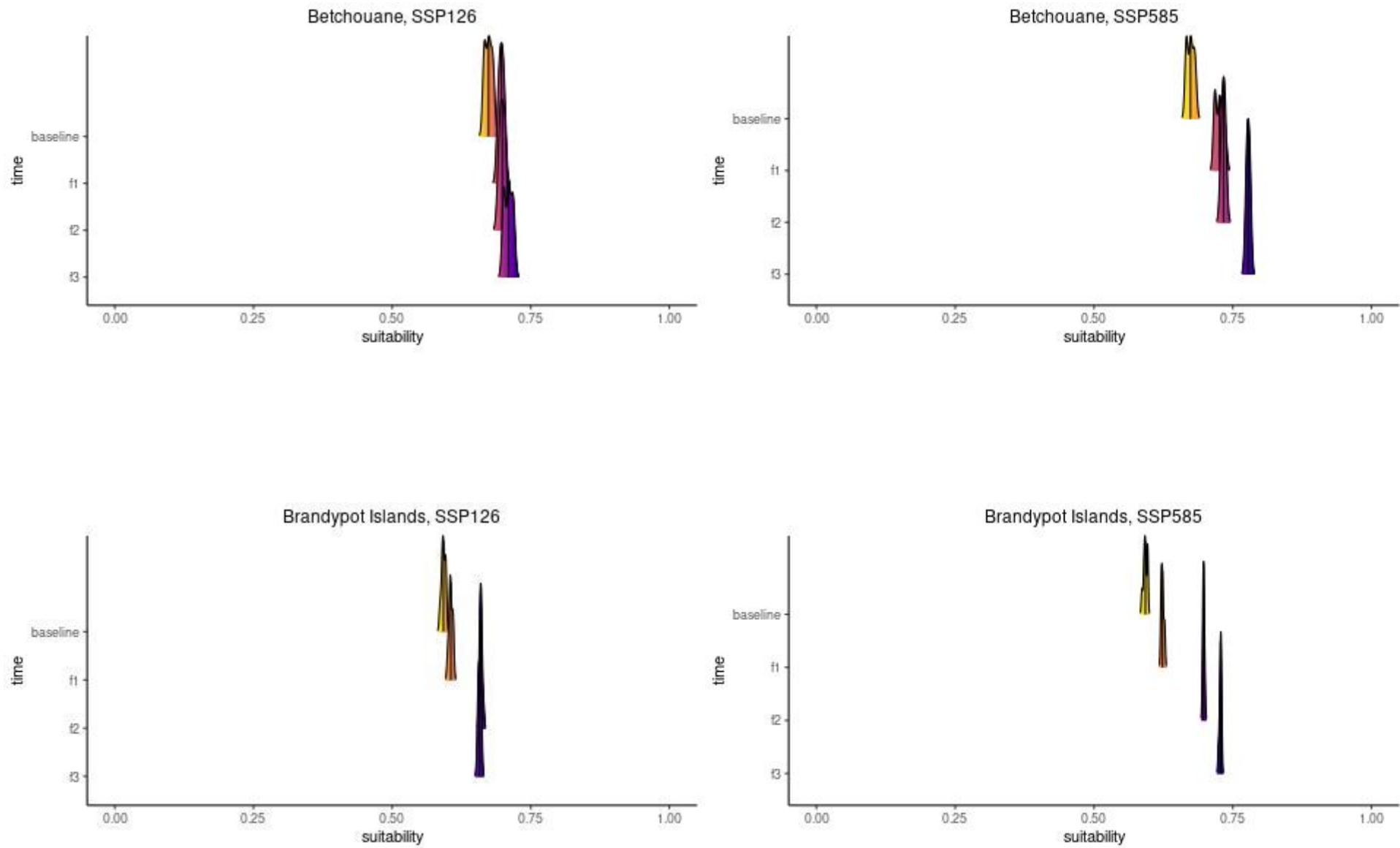


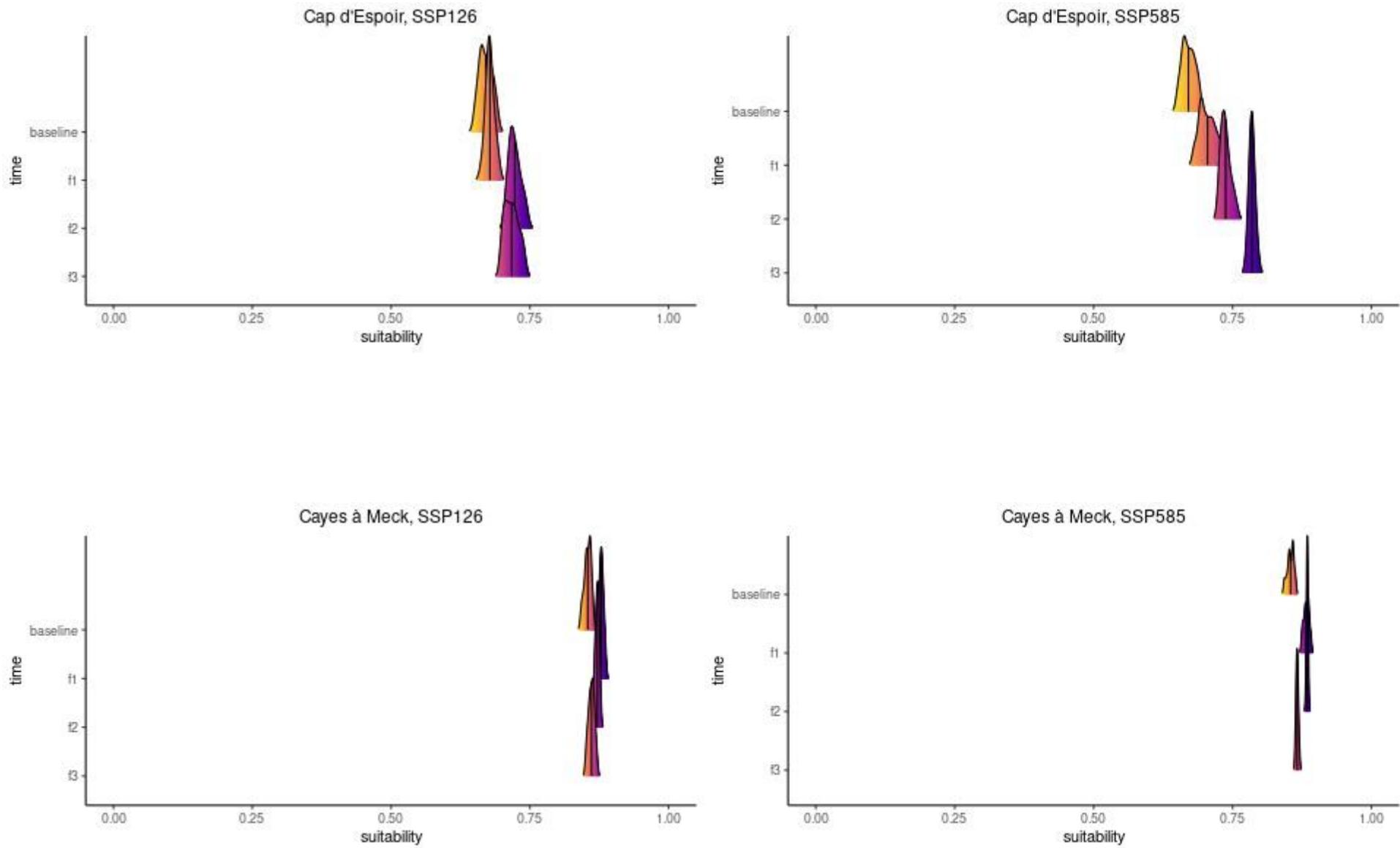
Batture aux Alouettes and mouth of Saguenay River, SSP126

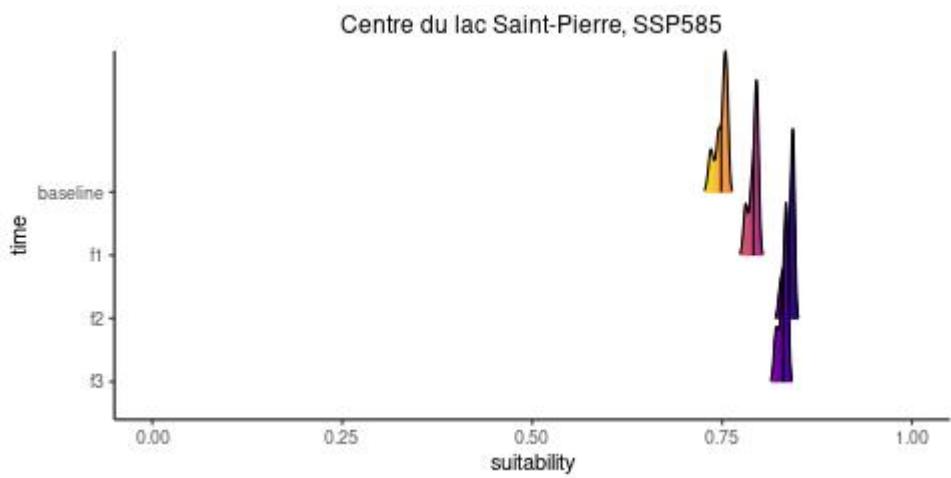
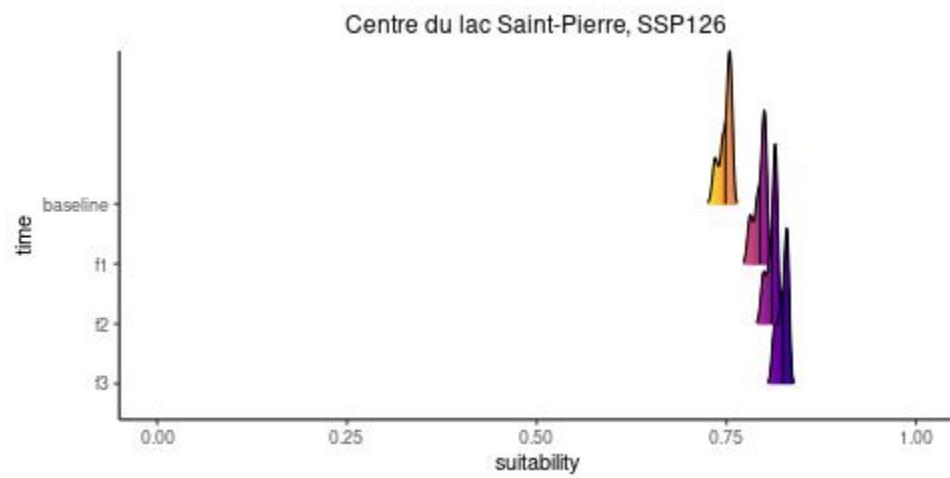
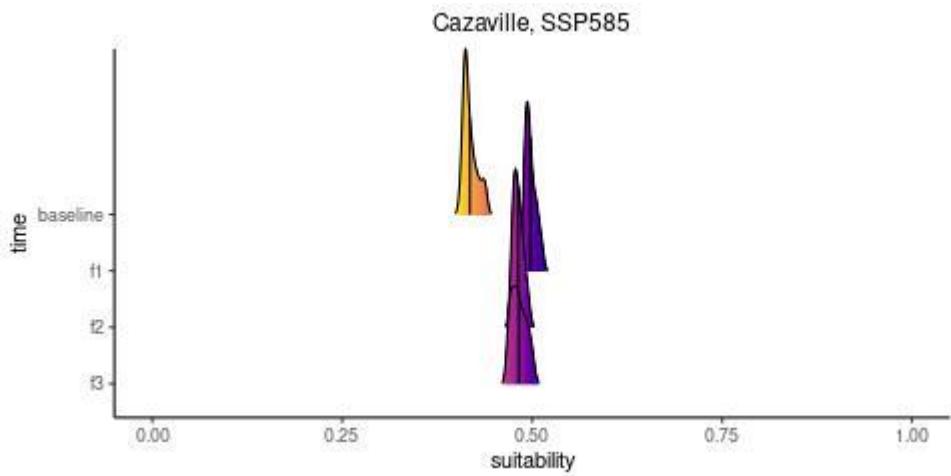
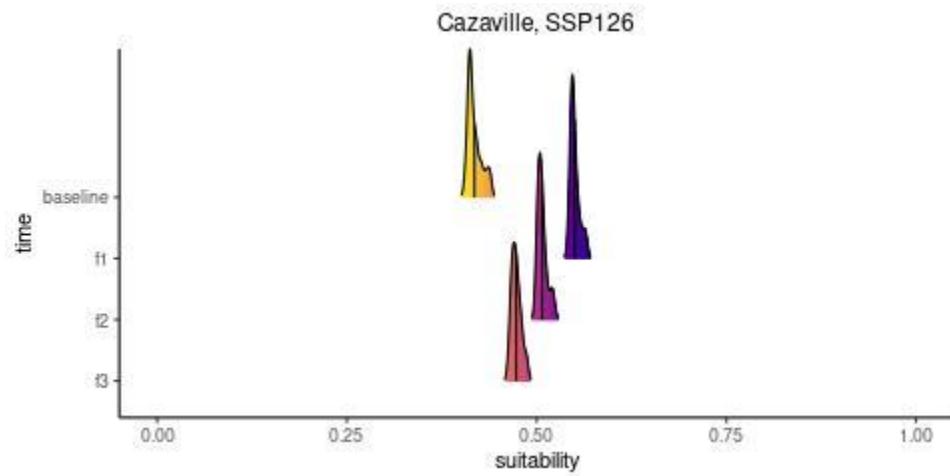


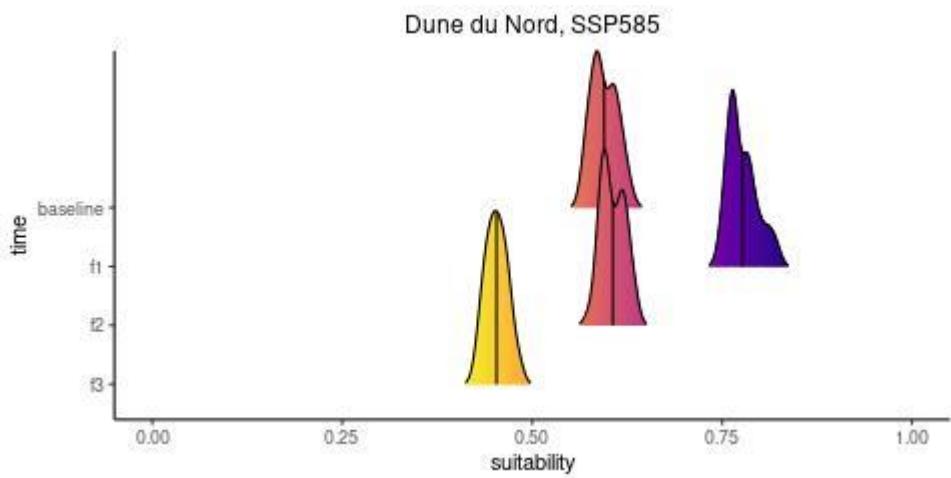
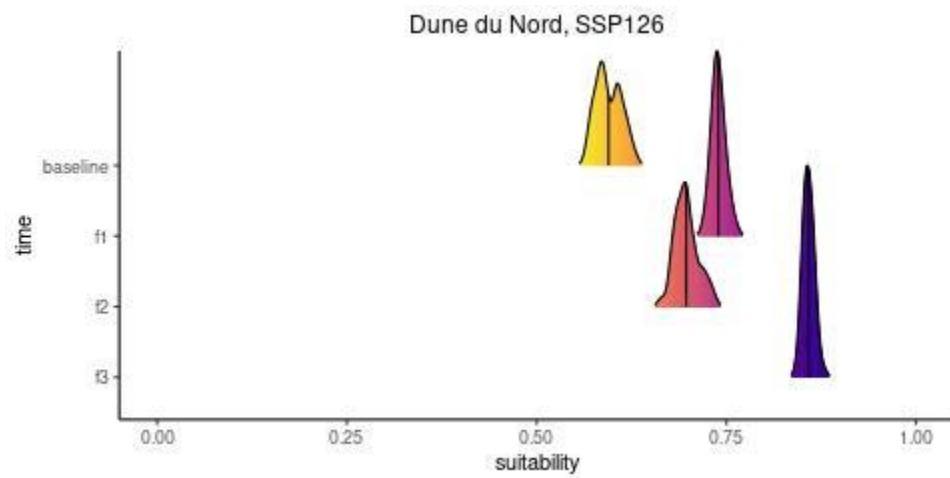
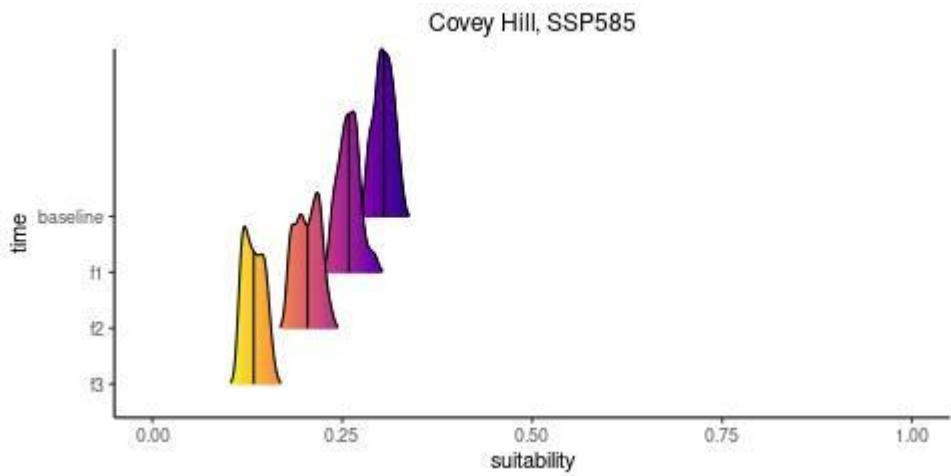
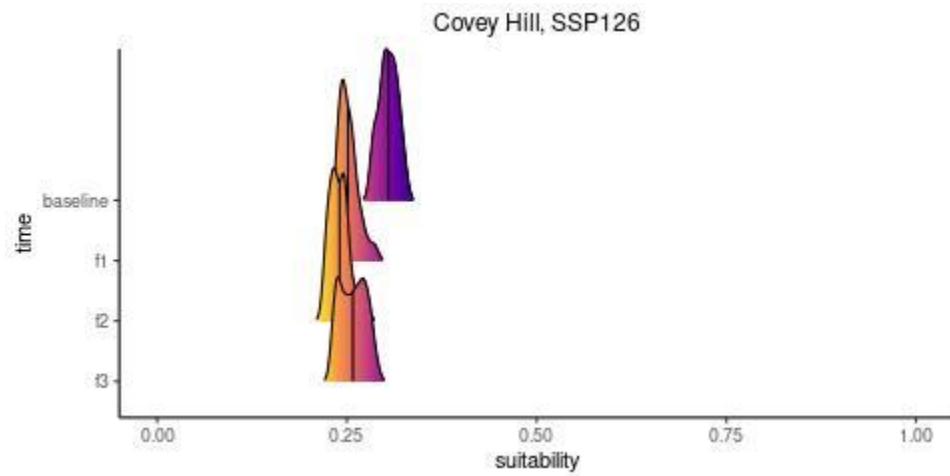
Batture aux Alouettes and mouth of Saguenay River, SSP585

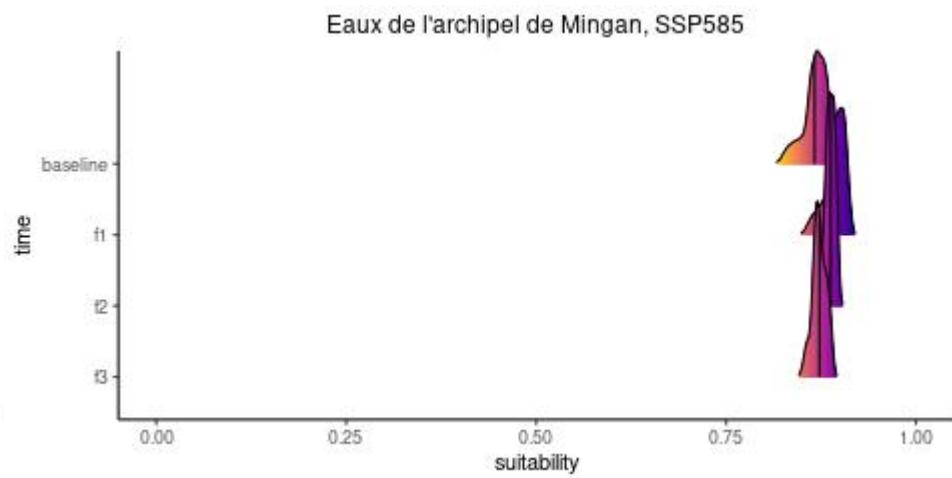
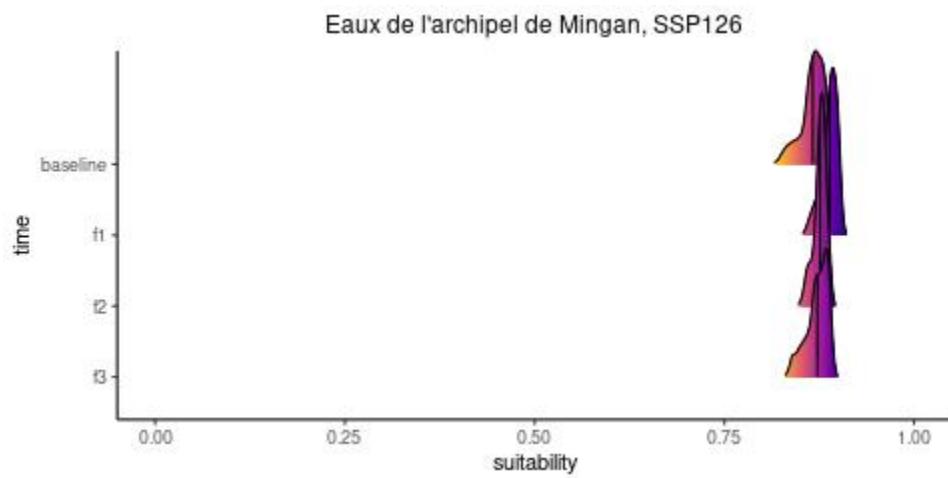
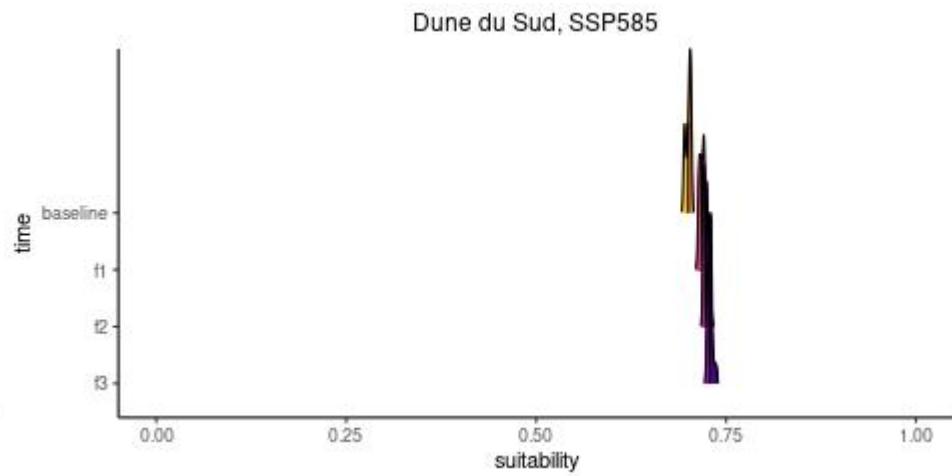
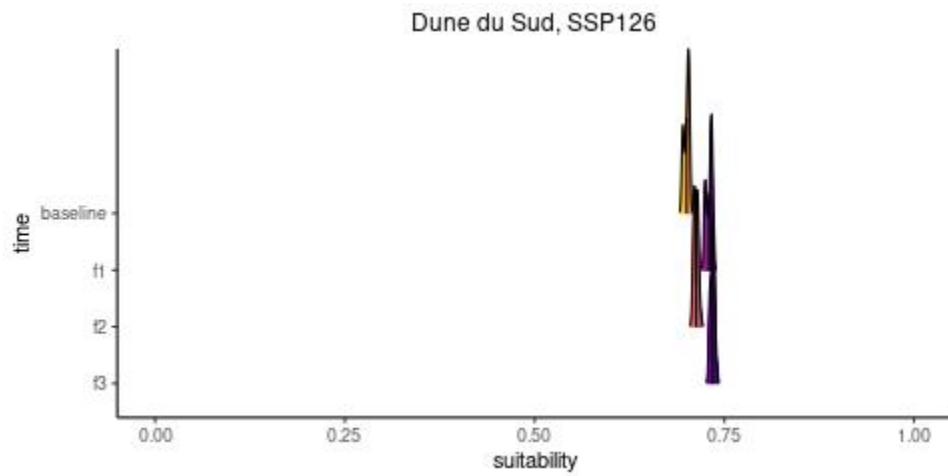


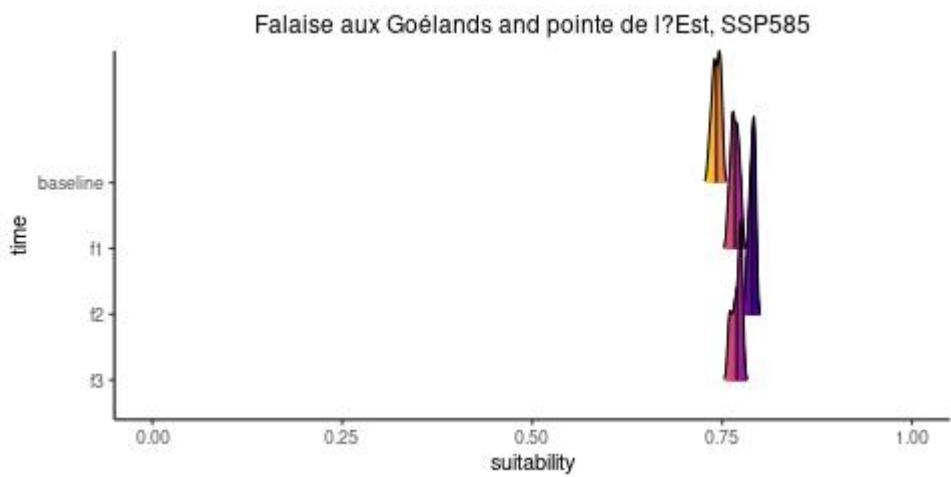
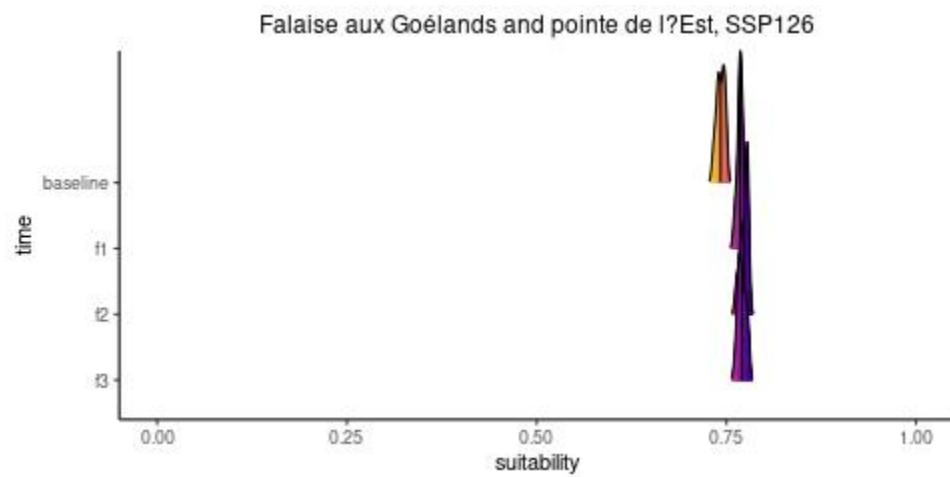
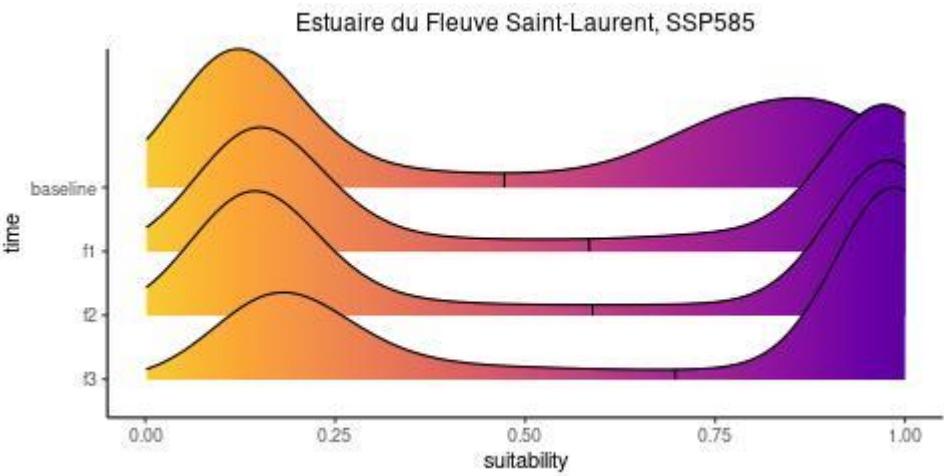
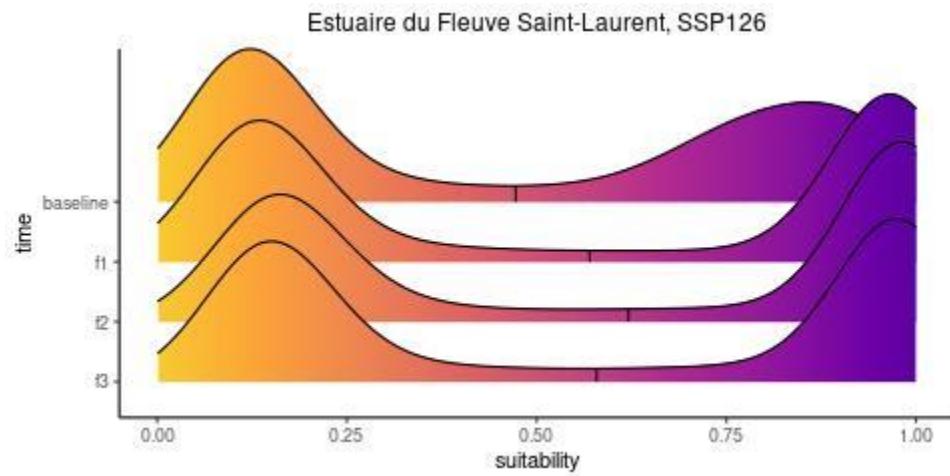


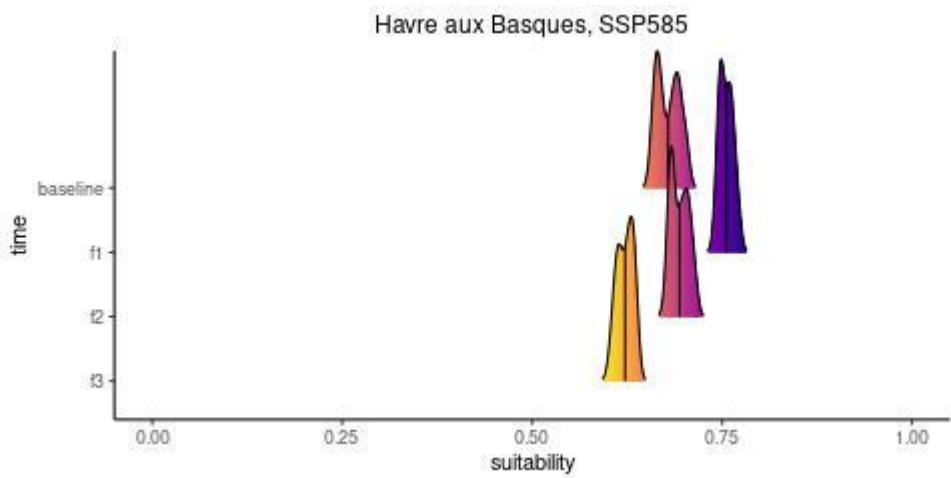
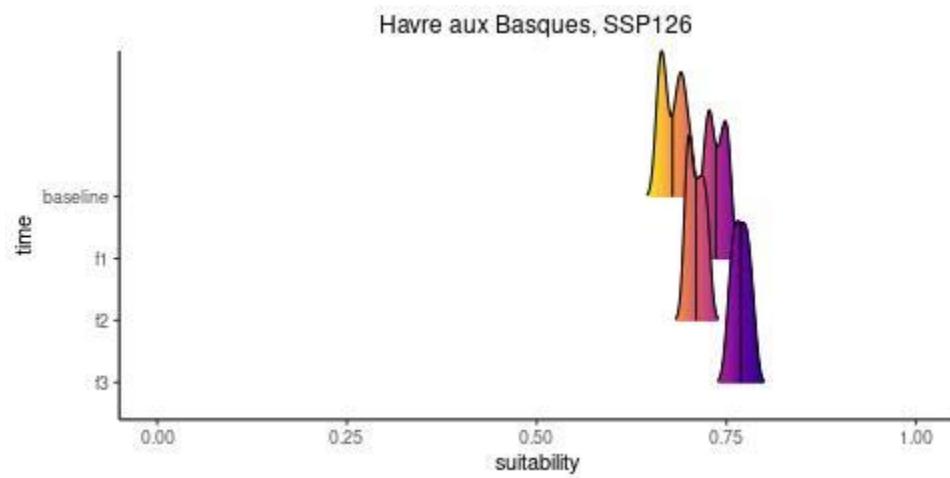
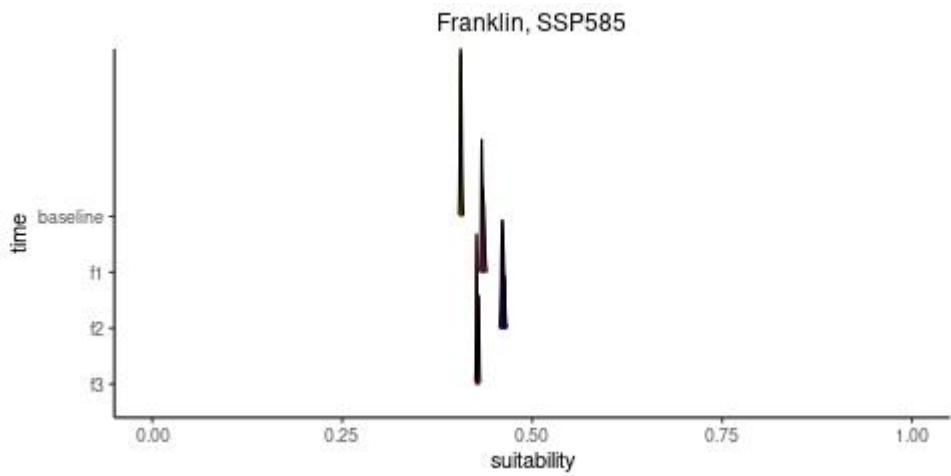
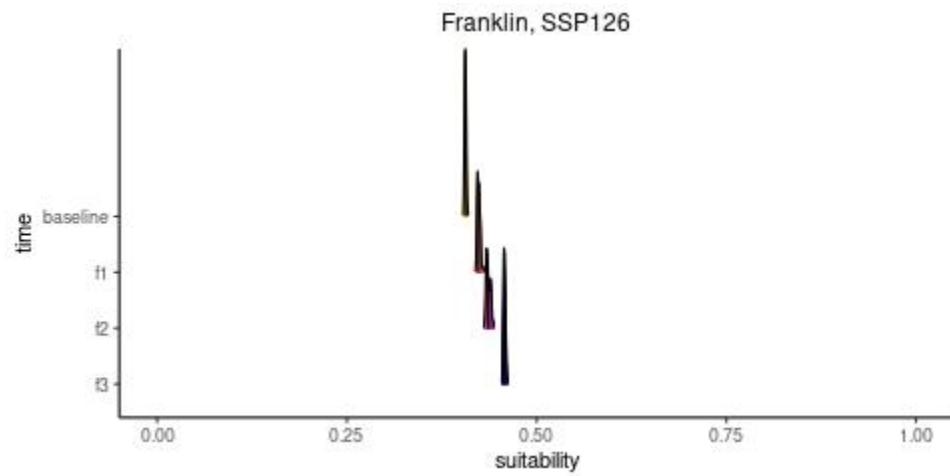




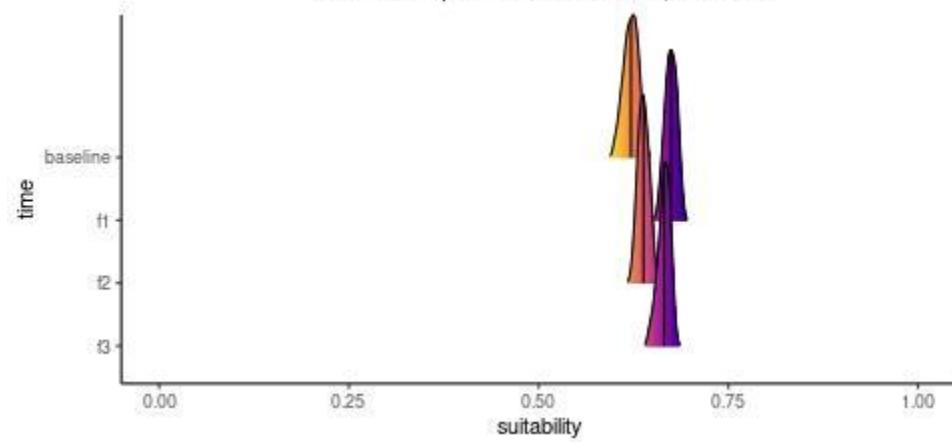




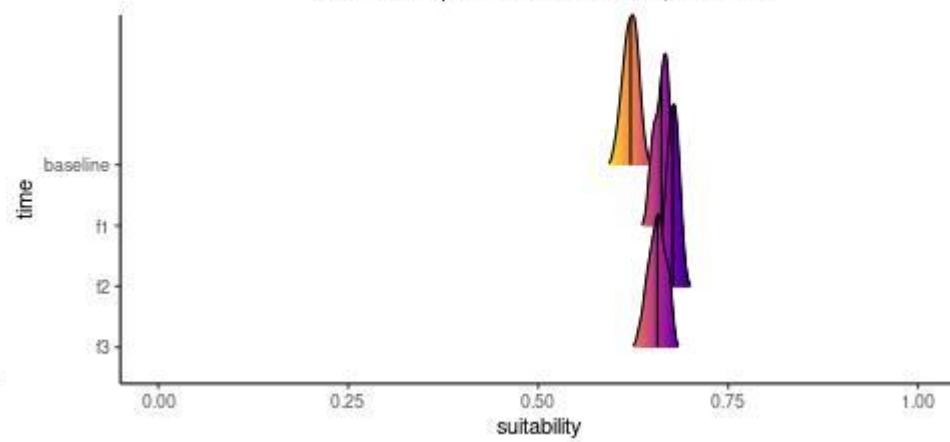




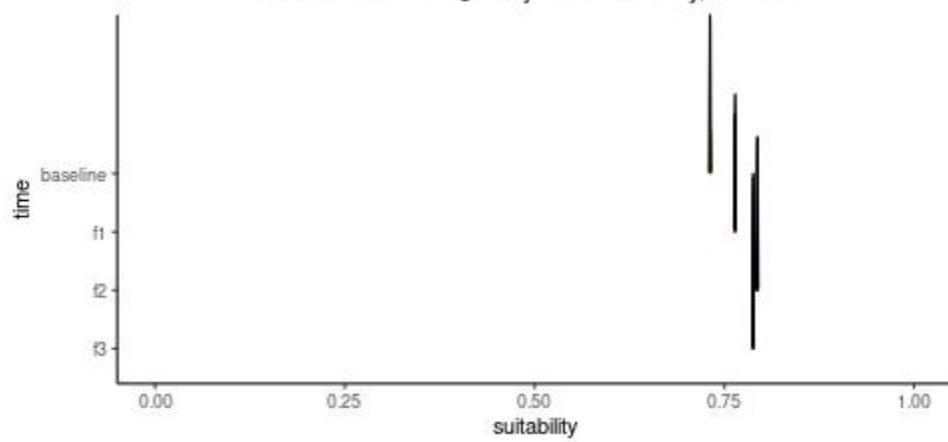
Île aux Basques et Les Razades, SSP126



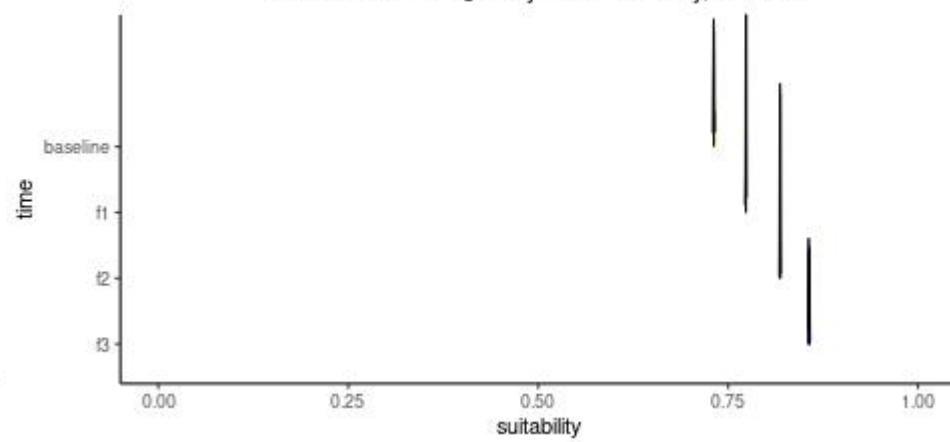
Île aux Basques et Les Razades, SSP585

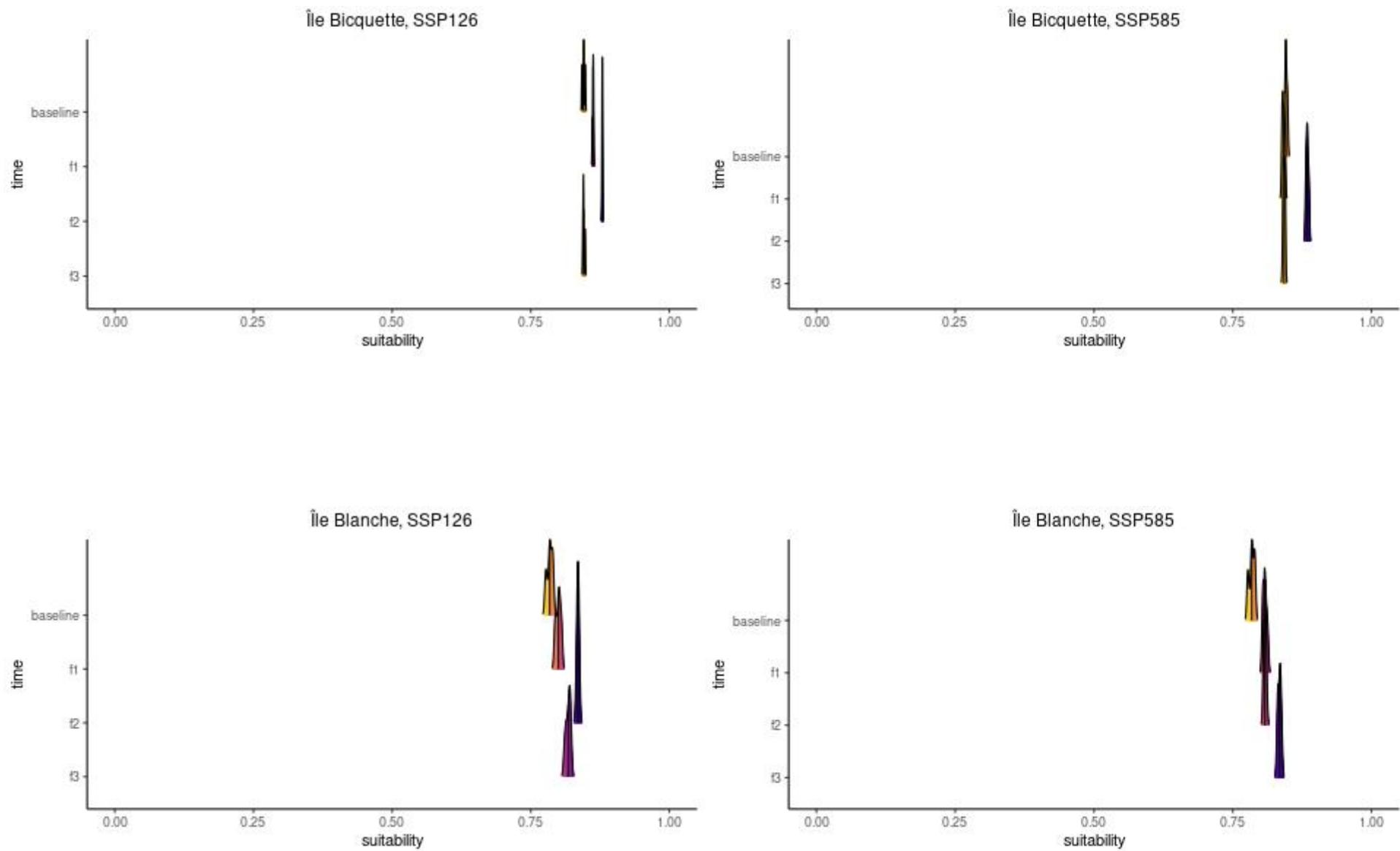


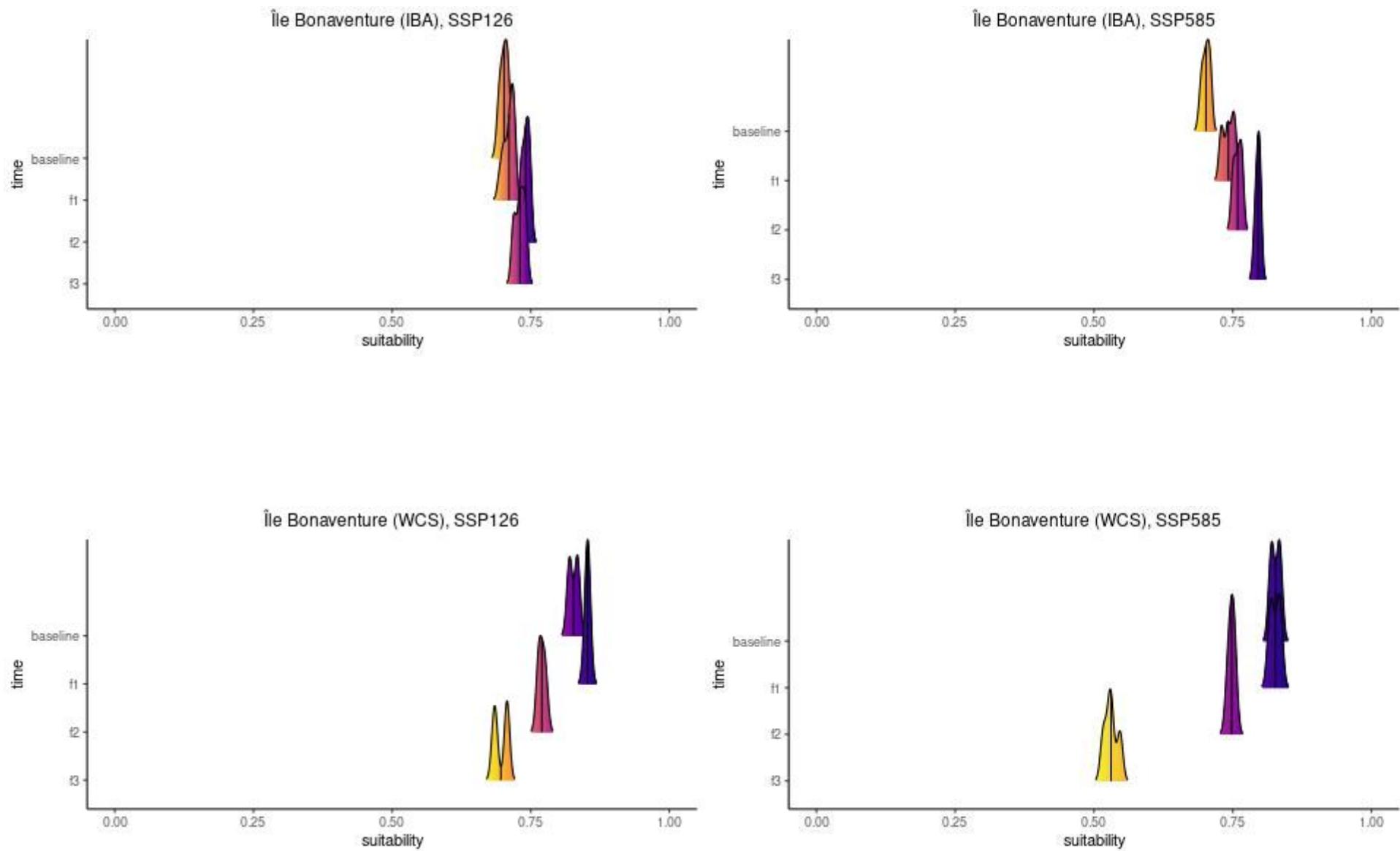
Île aux Hérons Migratory Bird Sanctuary, SSP126



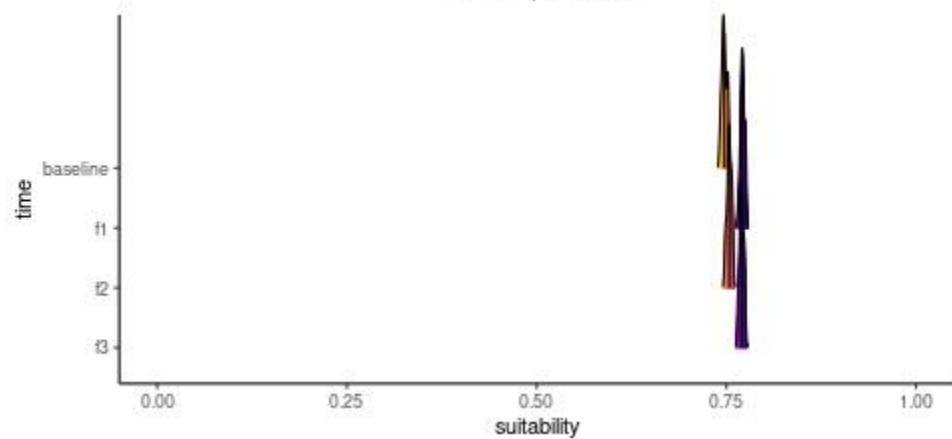
Île aux Hérons Migratory Bird Sanctuary, SSP585



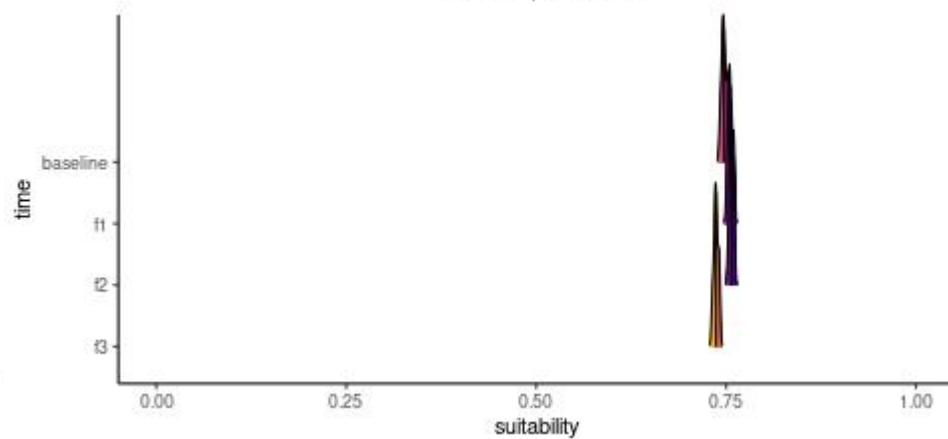




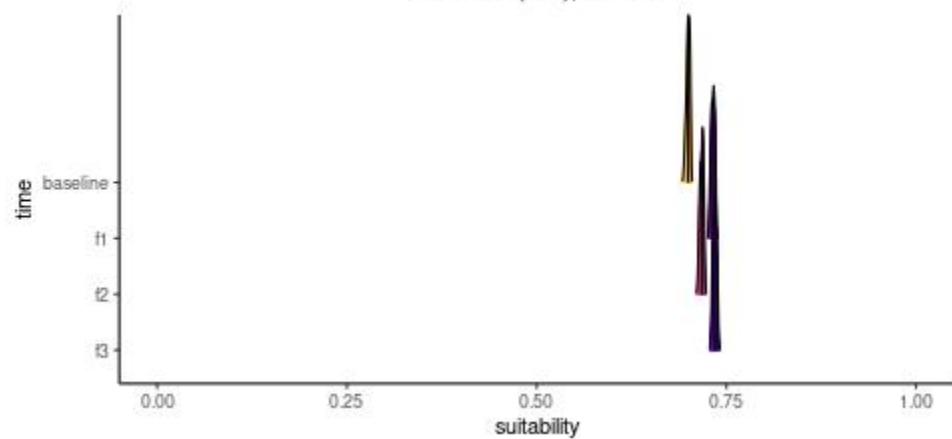
Île Brion, SSP126



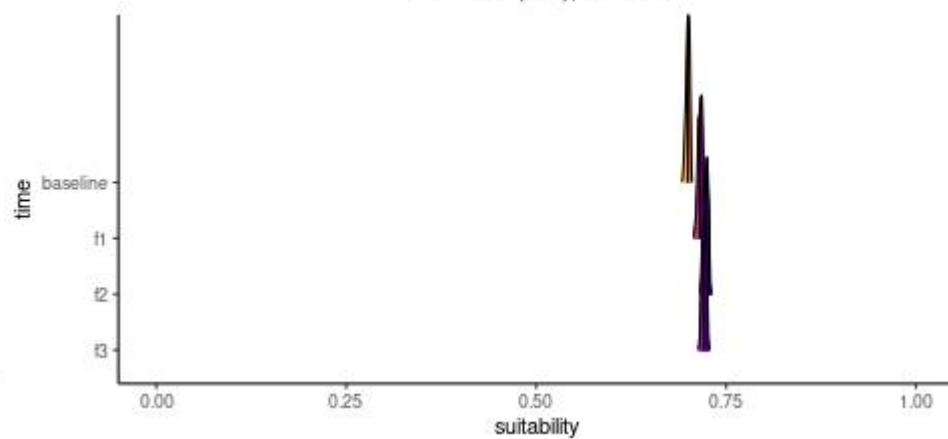
Île Brion, SSP585

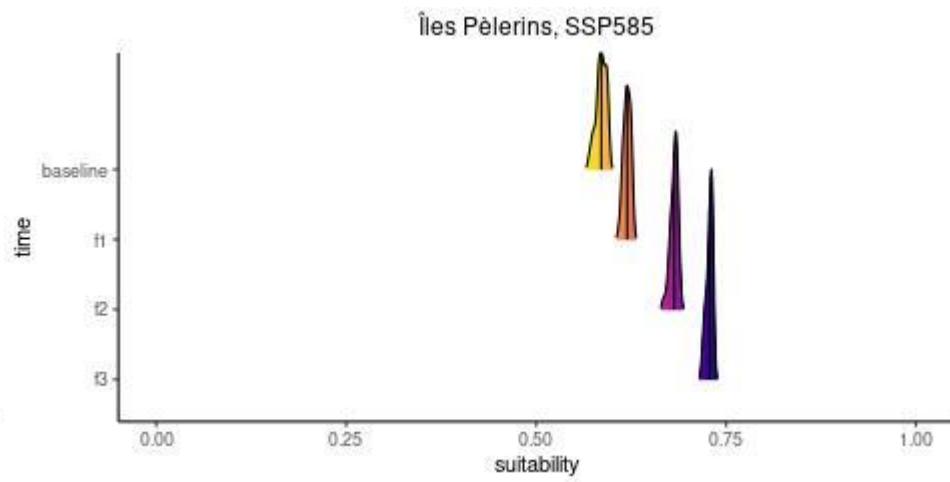
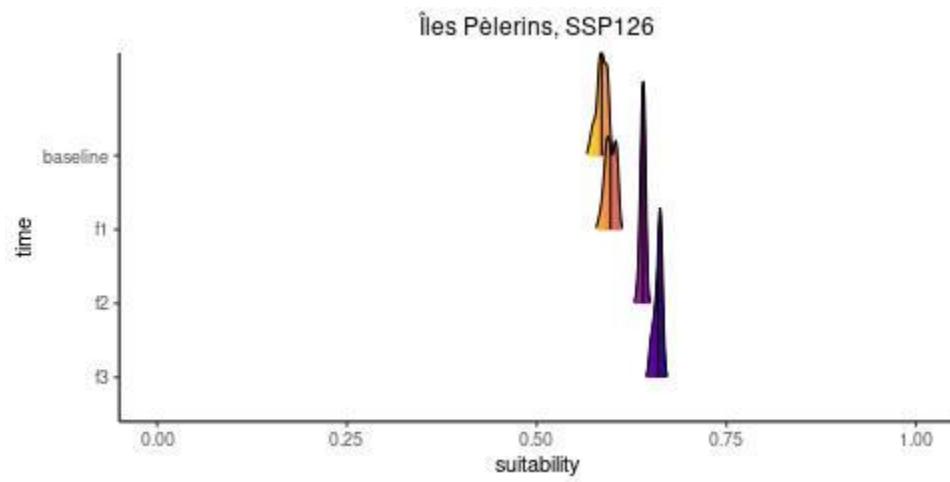
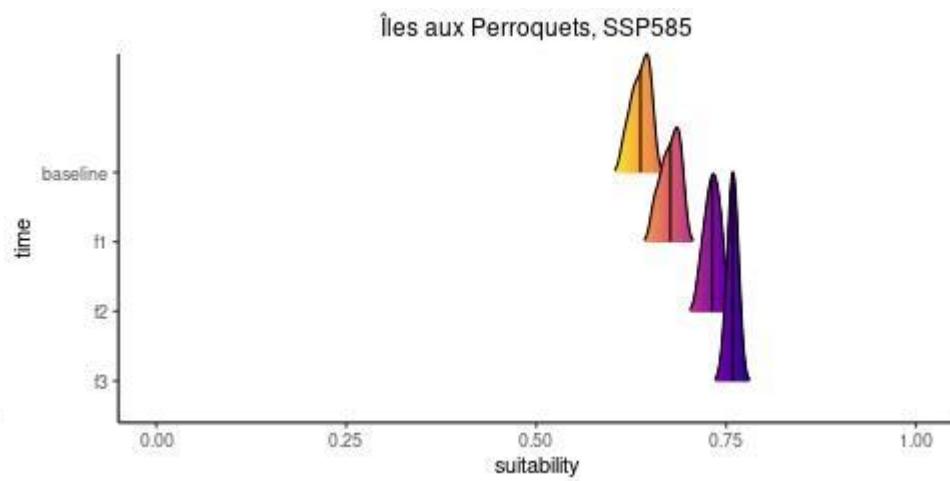
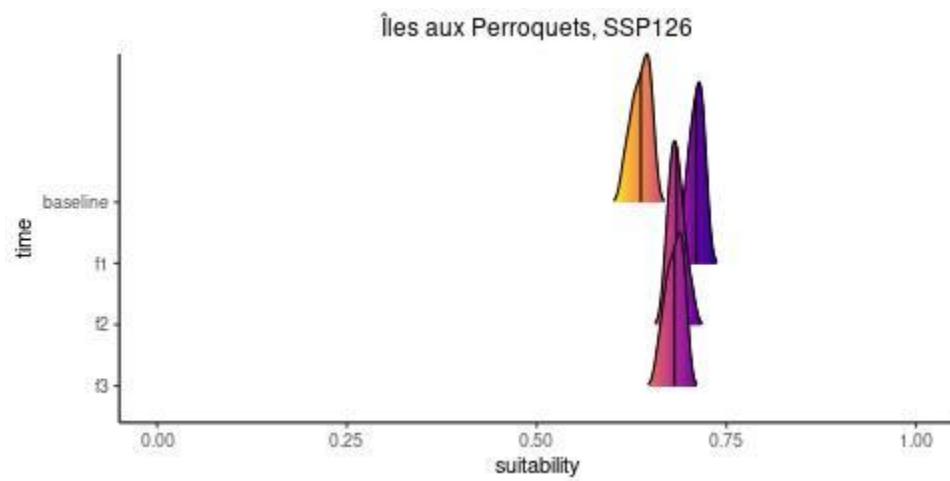


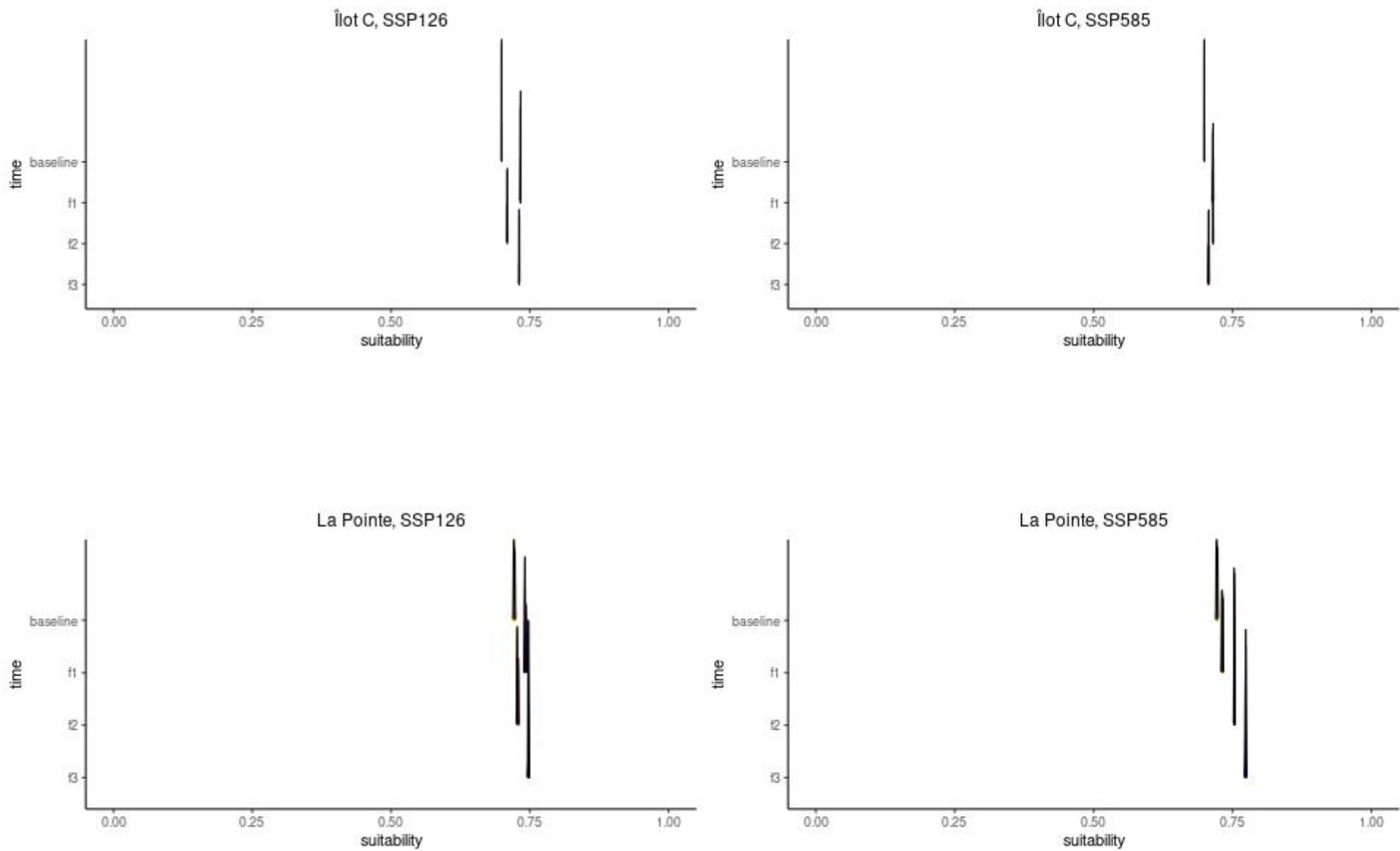
Île de l'Est (IBA), SSP126

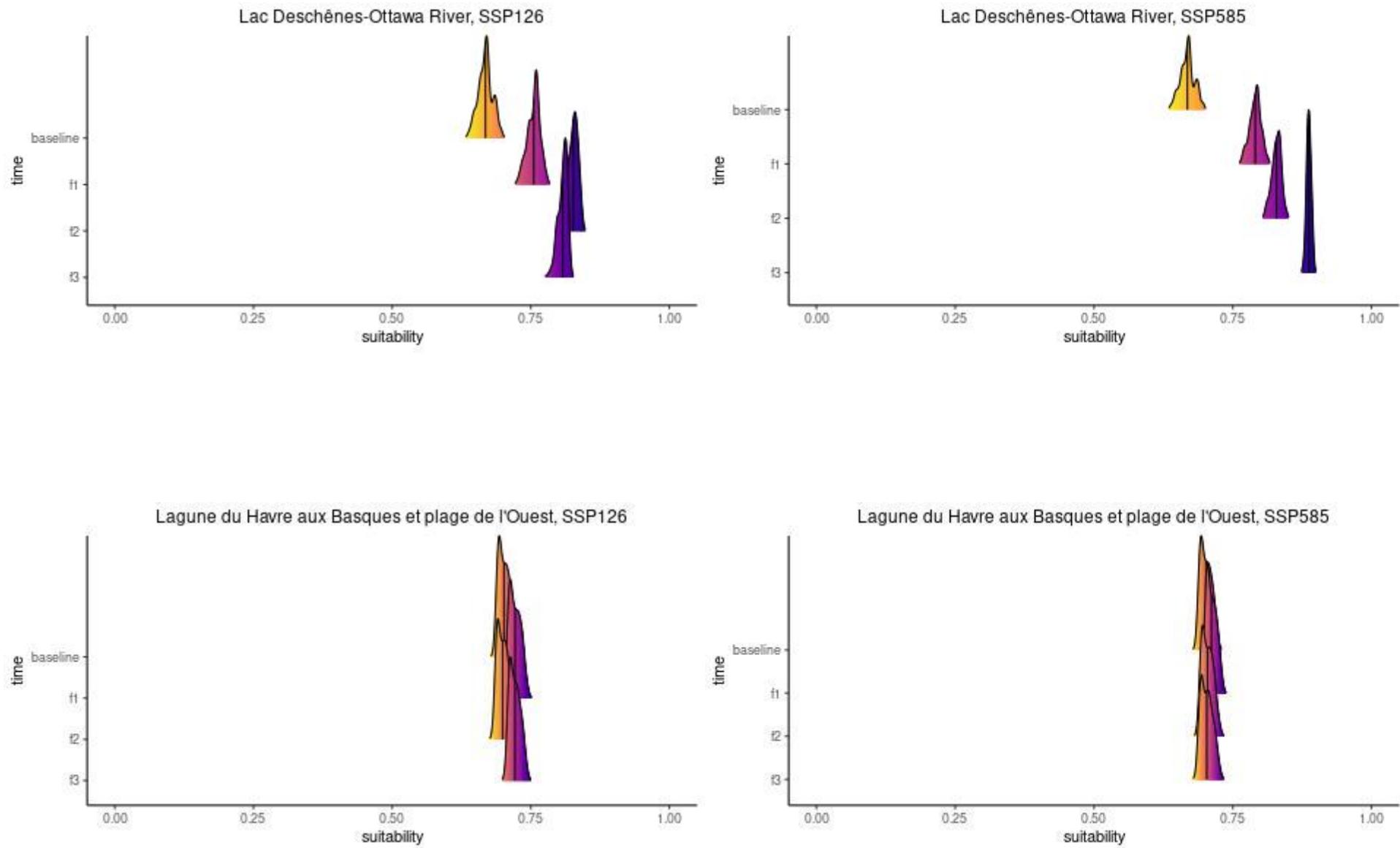


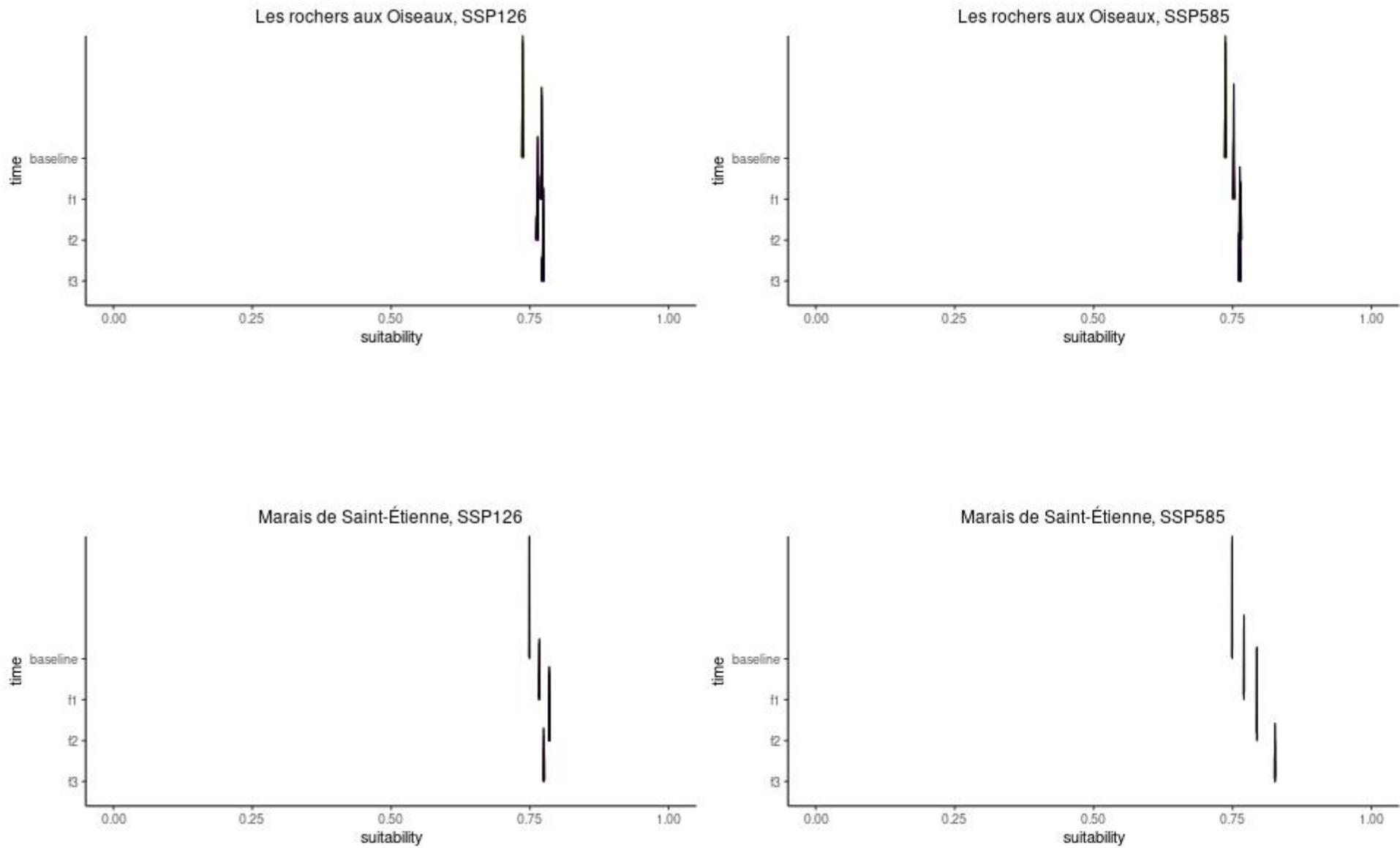
Île de l'Est (IBA), SSP585

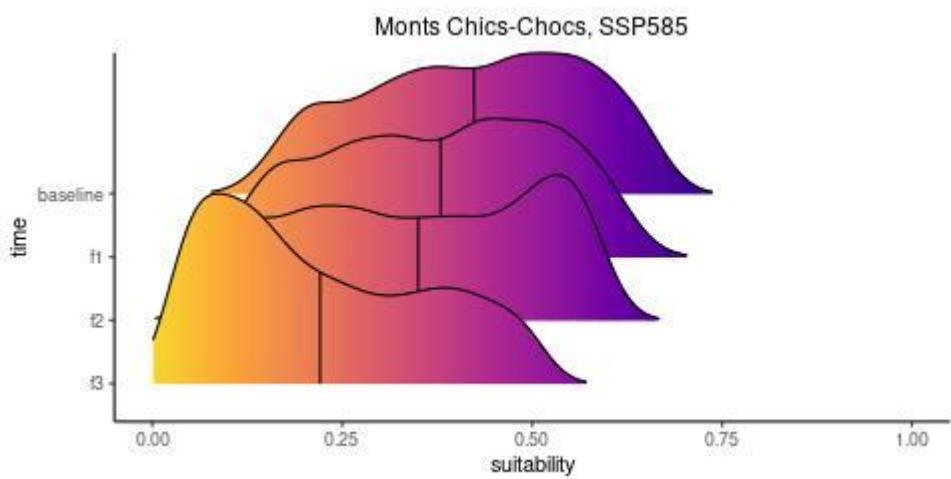
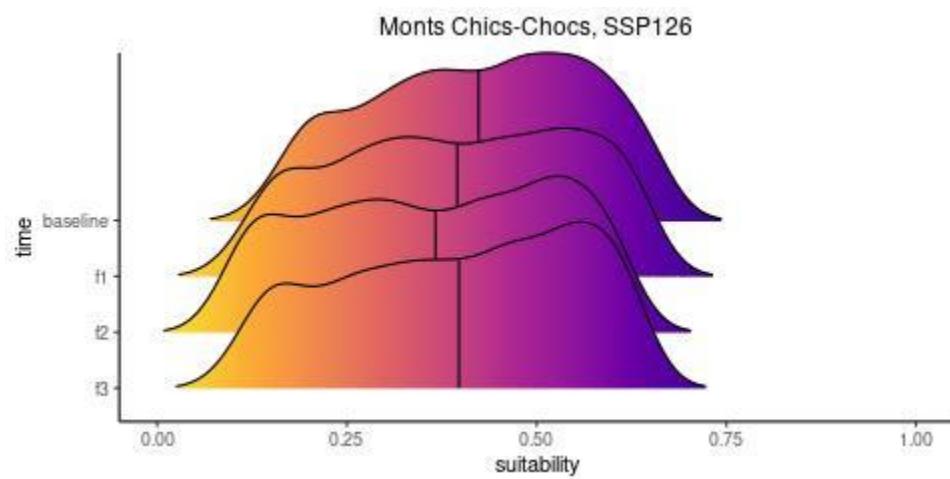
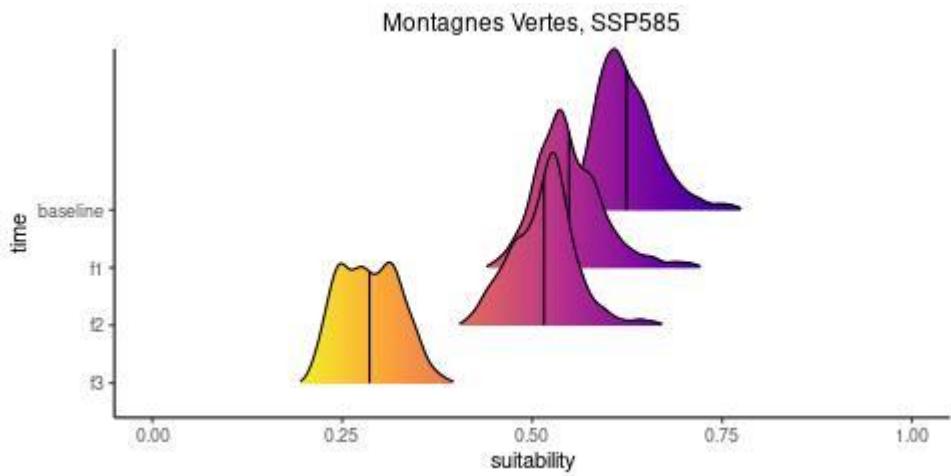
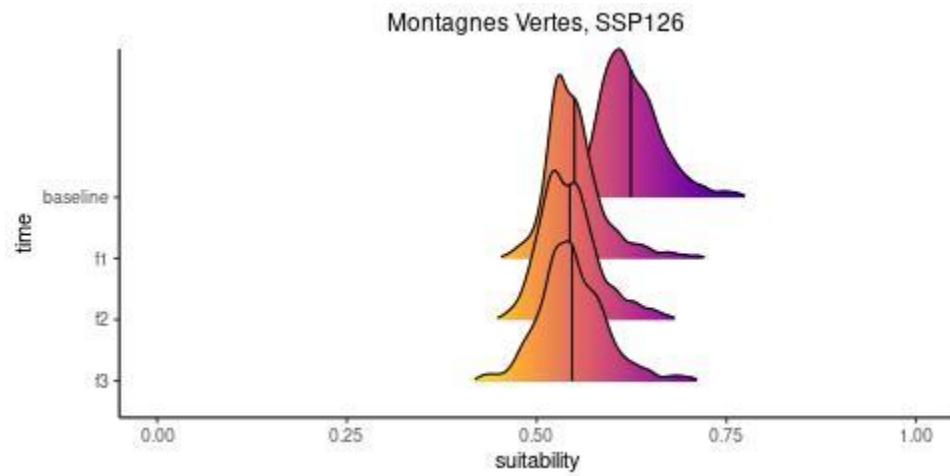


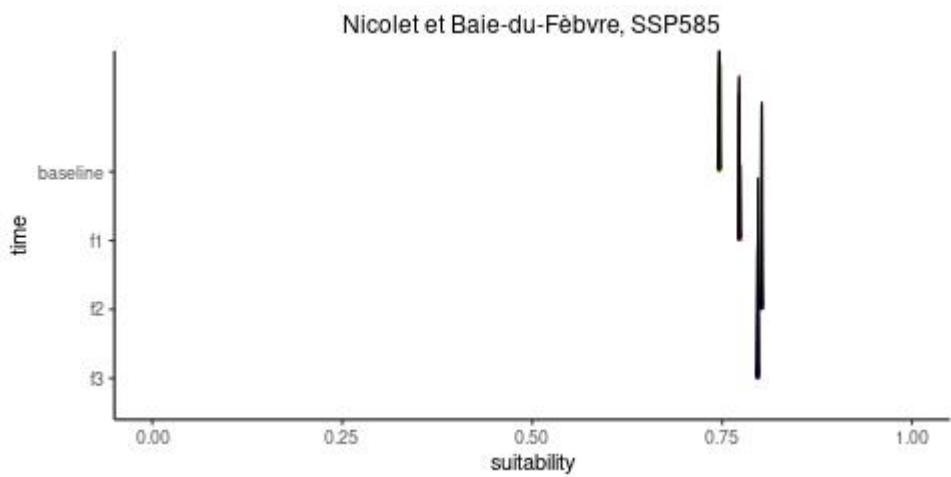
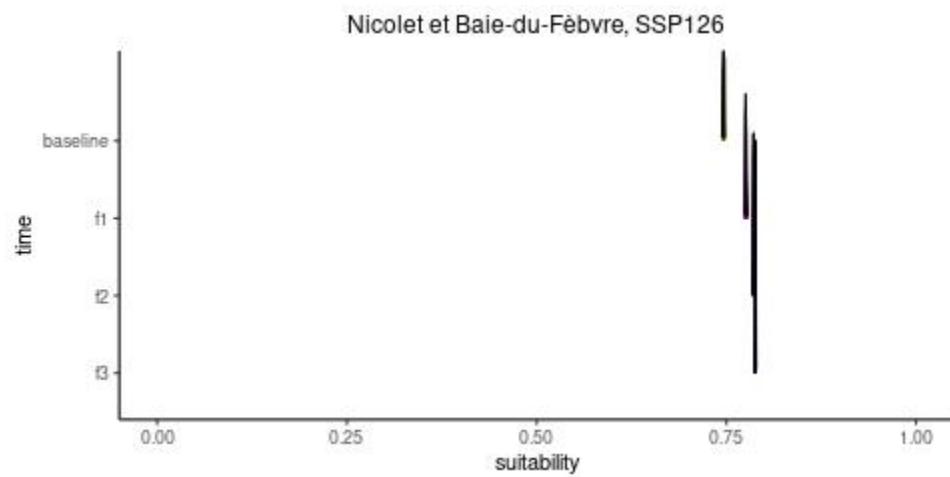
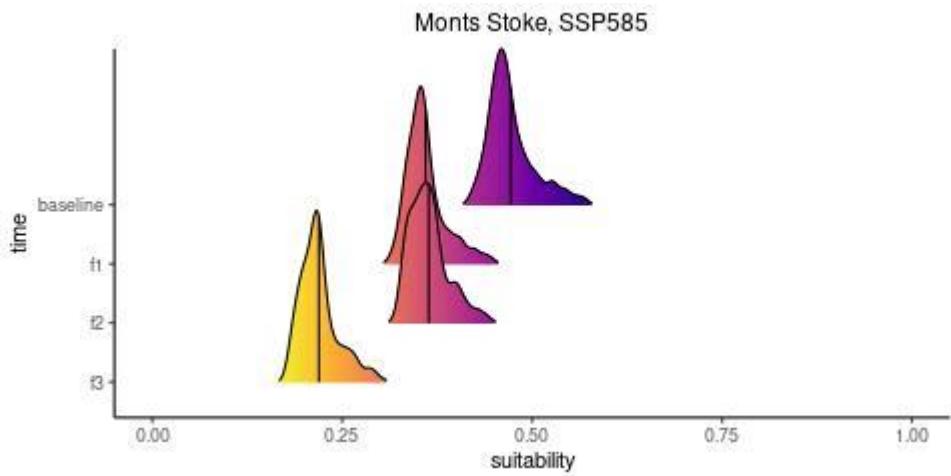
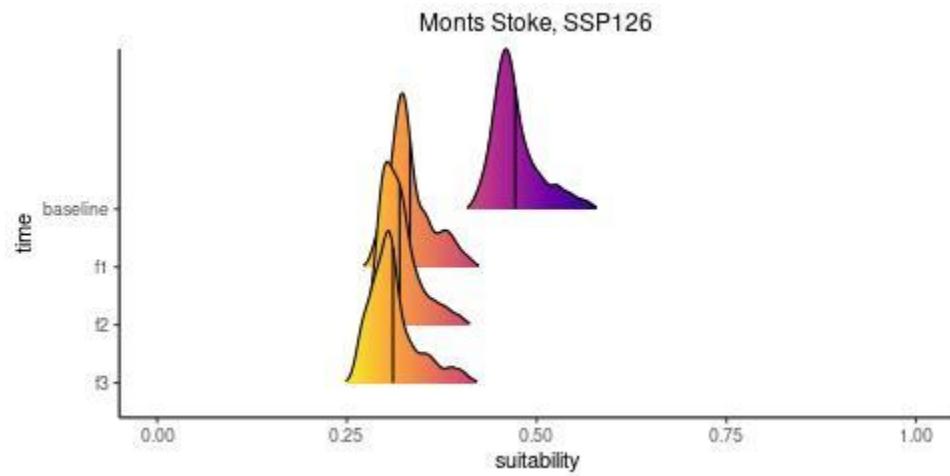




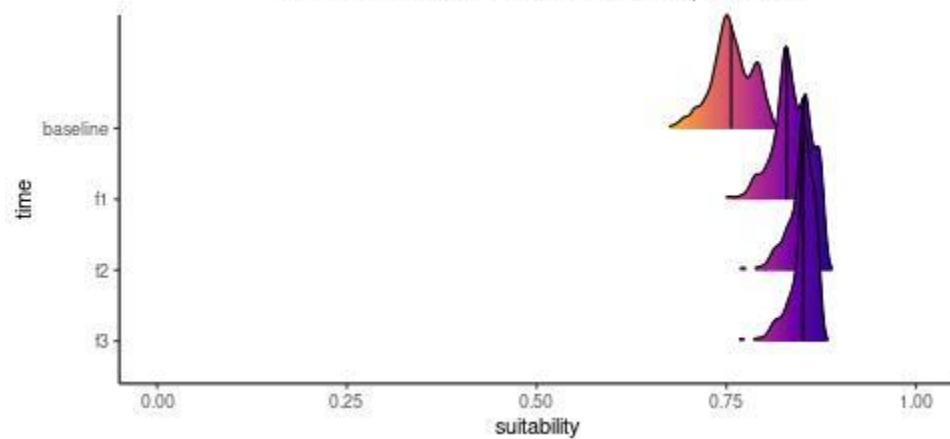




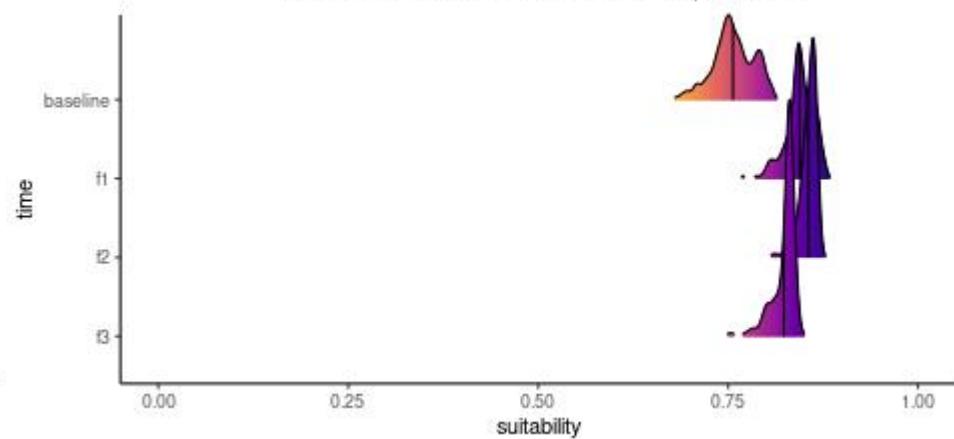




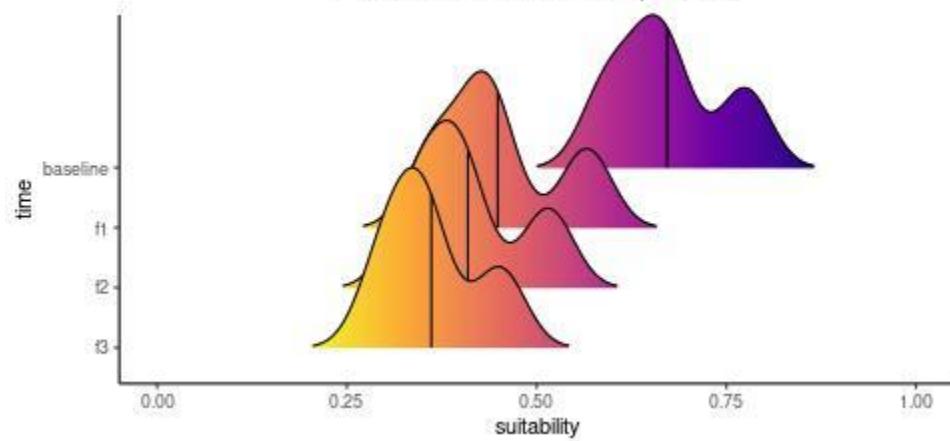
Parc de la Gatineau - Ouest/Shawville, SSP126



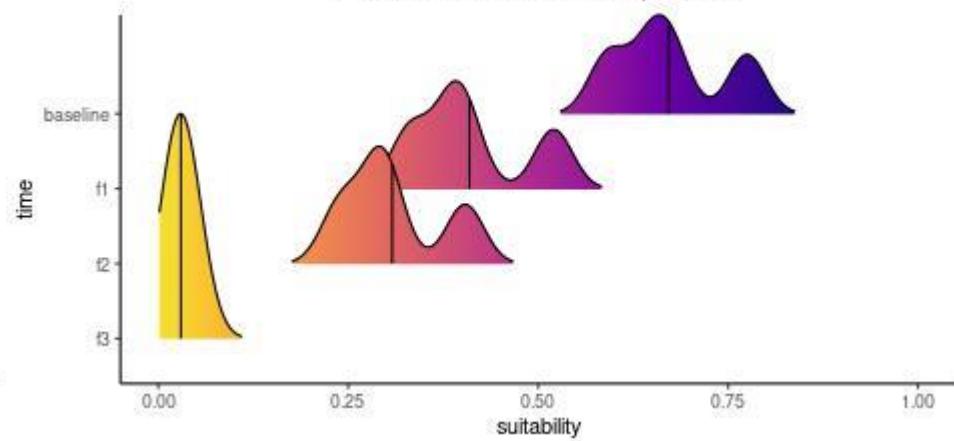
Parc de la Gatineau - Ouest/Shawville, SSP585



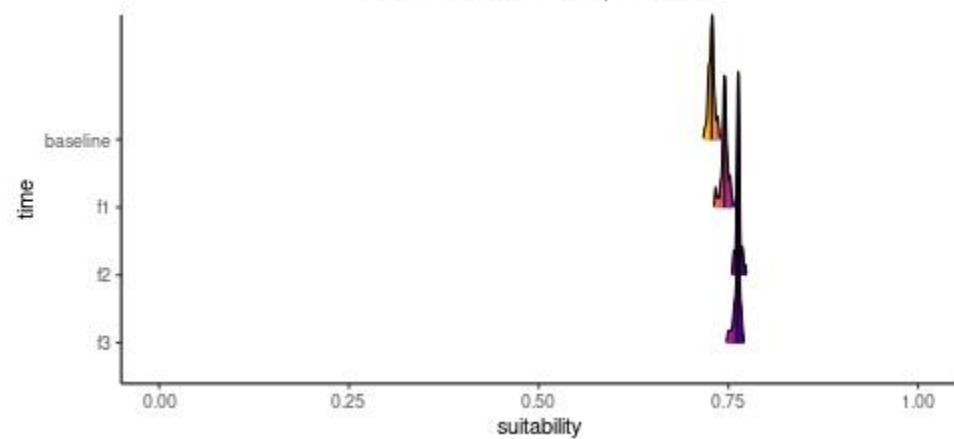
Péninsule de Forillon - Nord, SSP126



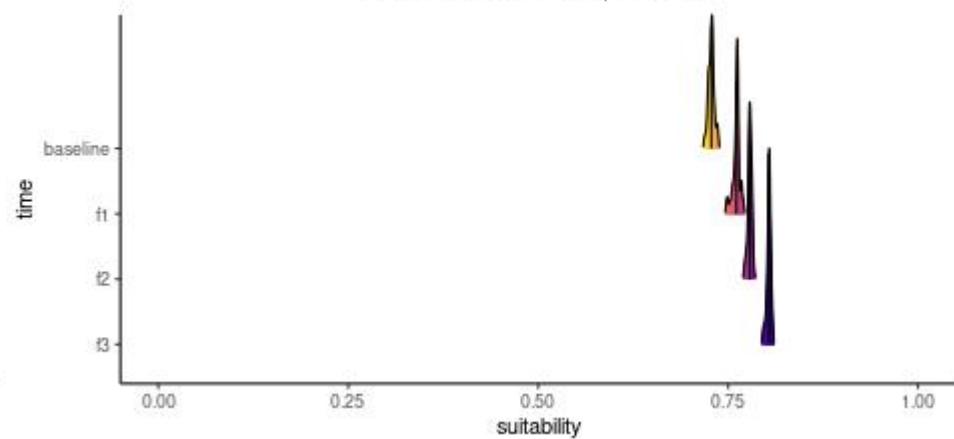
Péninsule de Forillon - Nord, SSP585



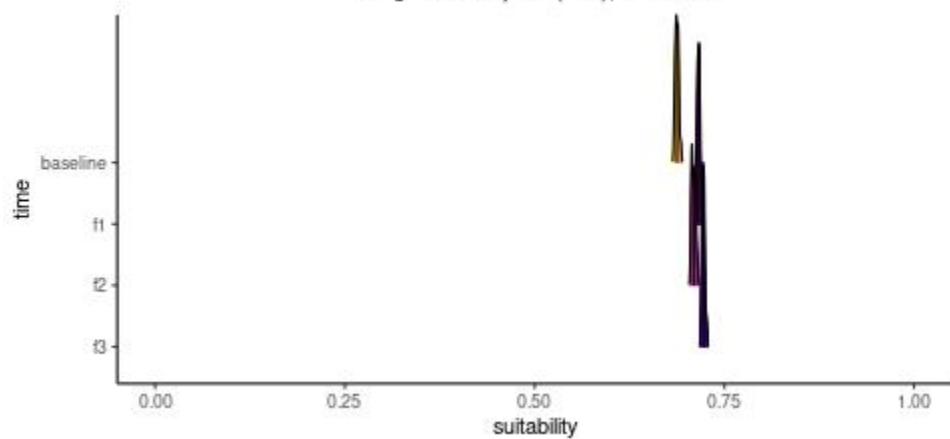
Péninsule de Forillon, SSP126



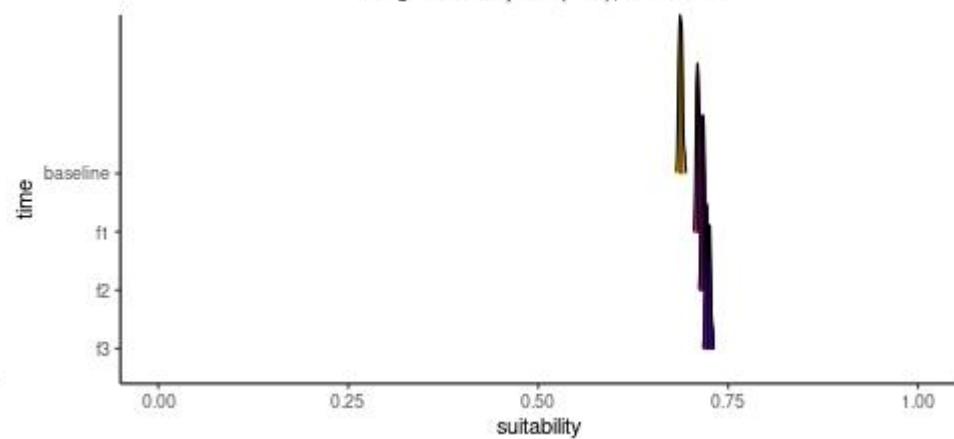
Péninsule de Forillon, SSP585



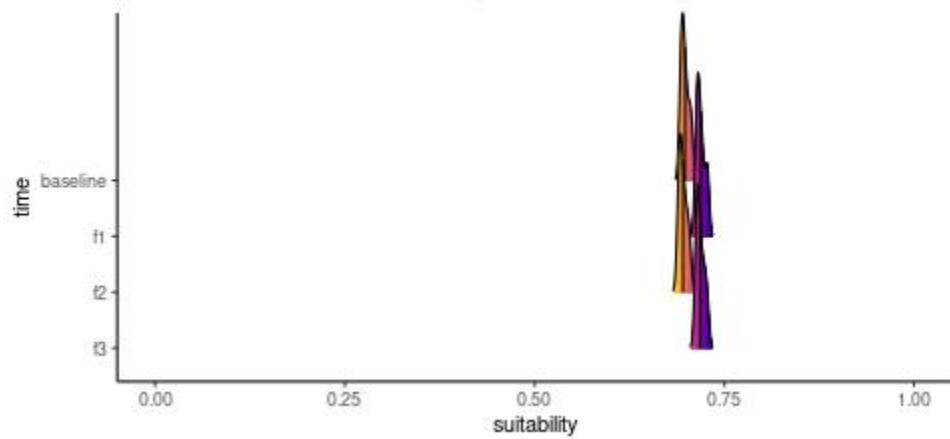
Plage de l'Hôpital (IBA), SSP126



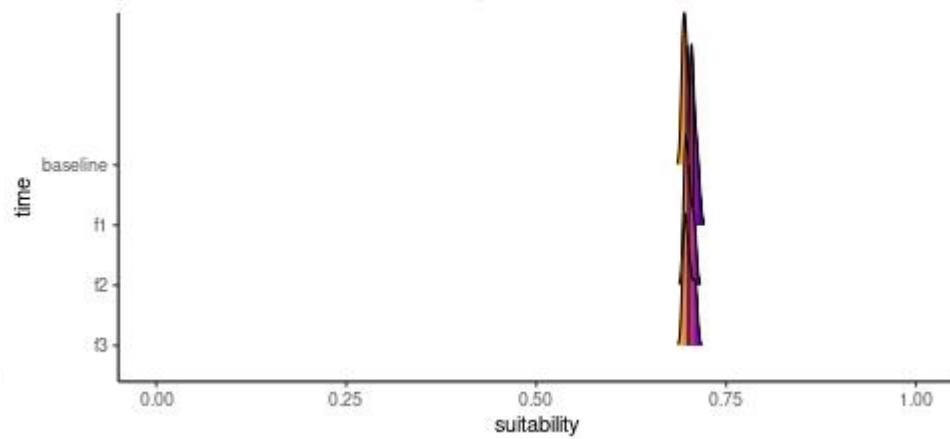
Plage de l'Hôpital (IBA), SSP585



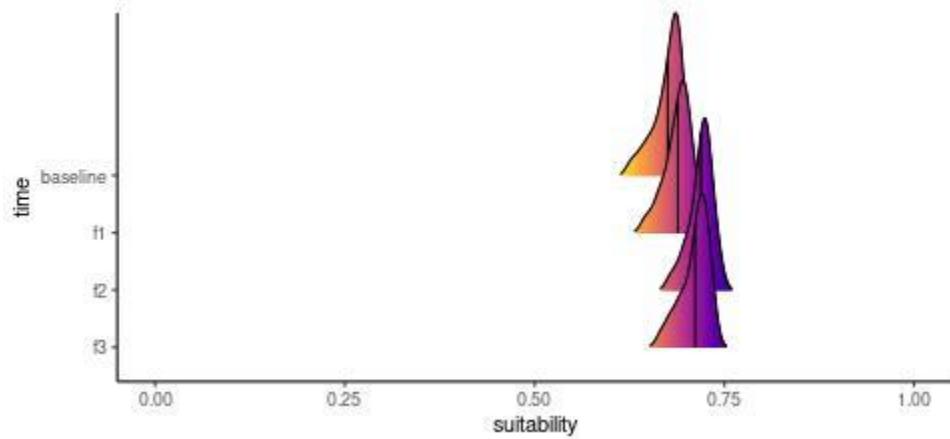
Plages de La Martinique et de Havre-Aubert, SSP126



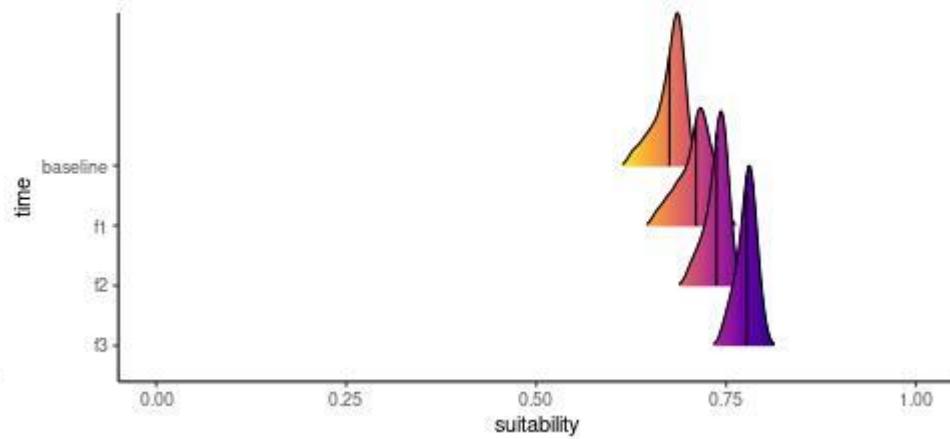
Plages de La Martinique et de Havre-Aubert, SSP585

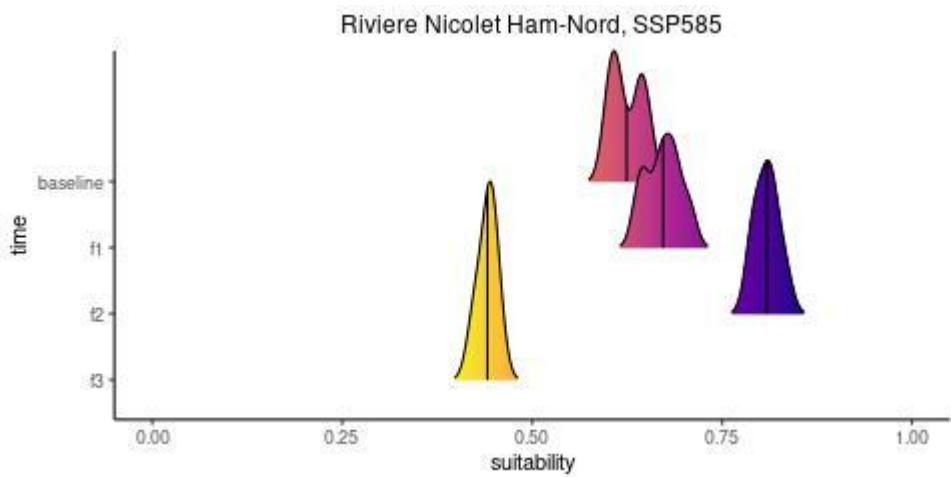
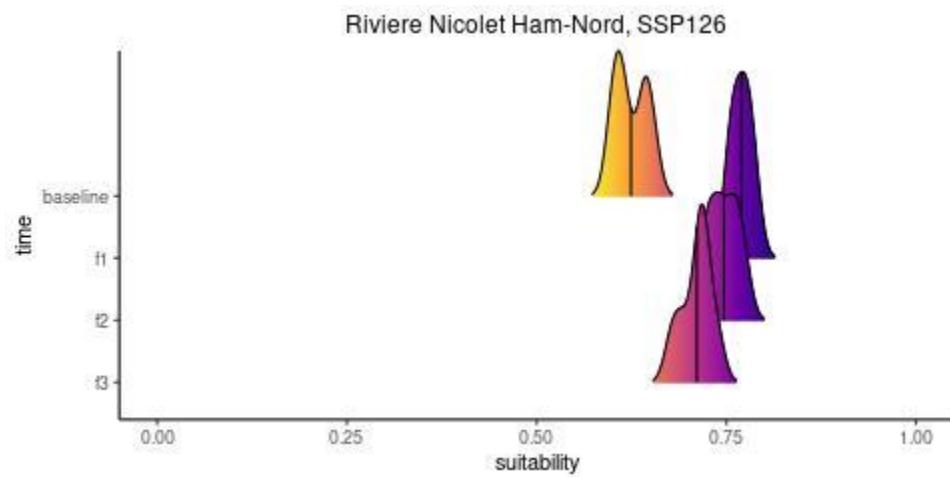
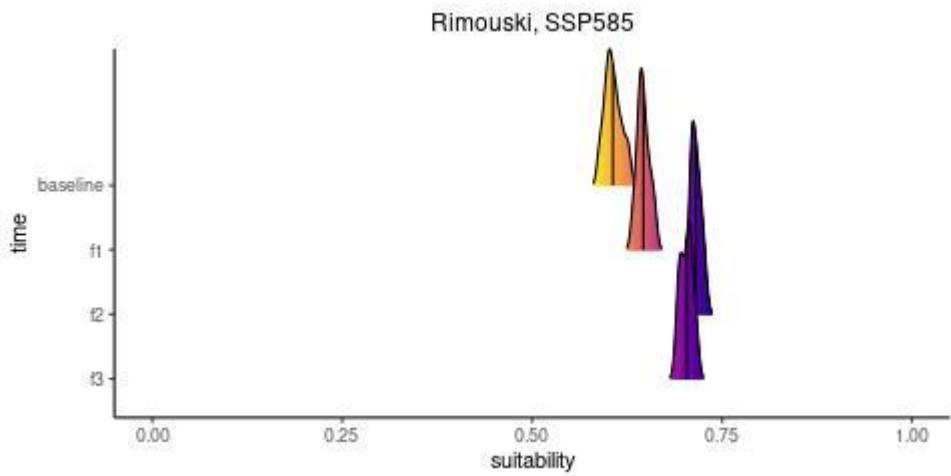
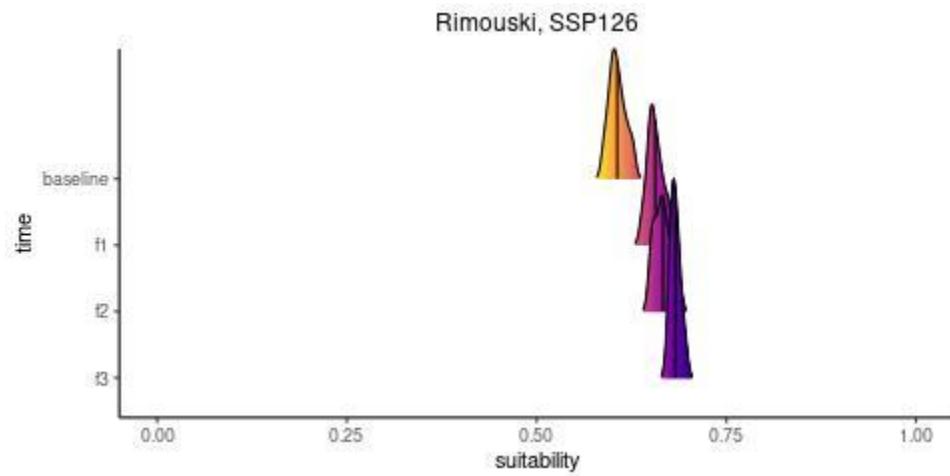


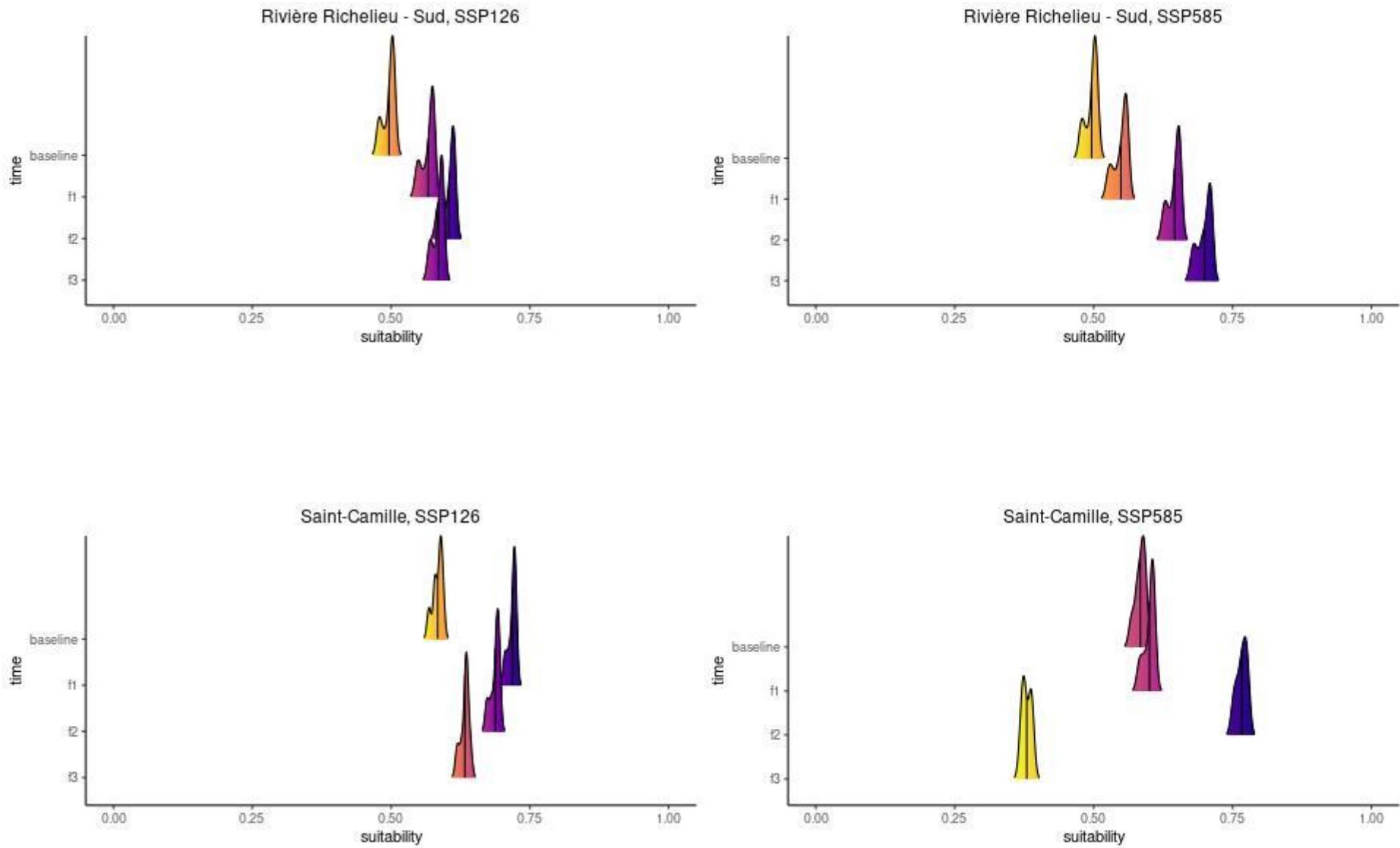
Pointe Saint-Pierre et île Plate, SSP126

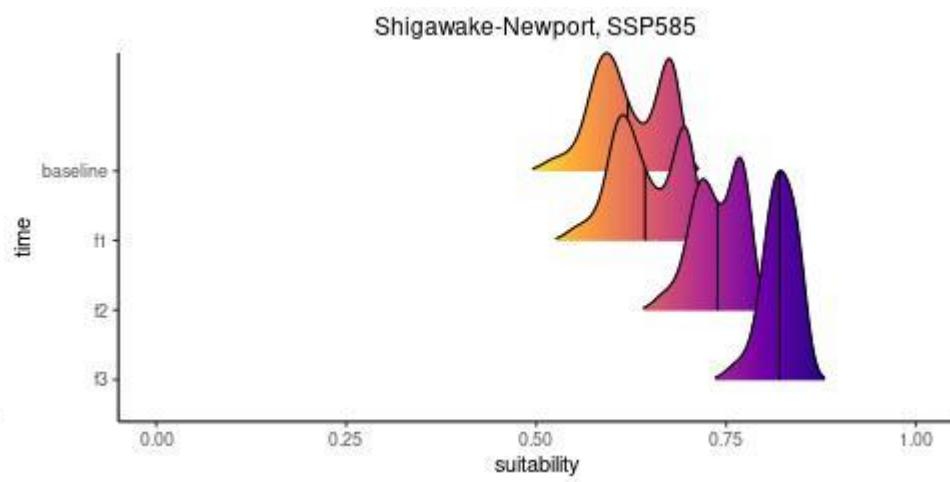
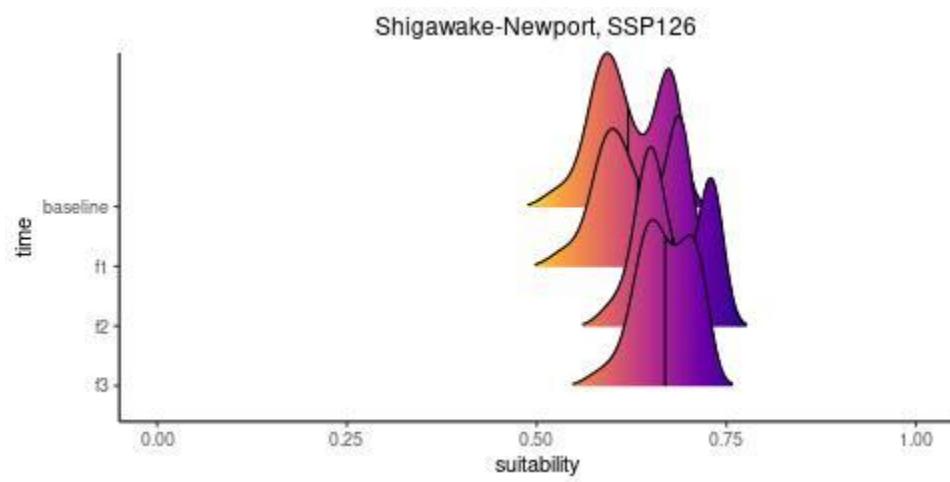
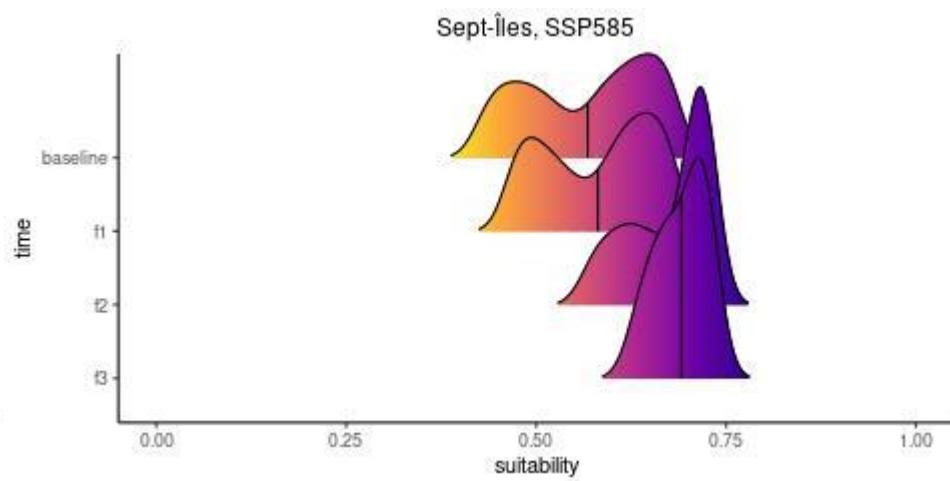
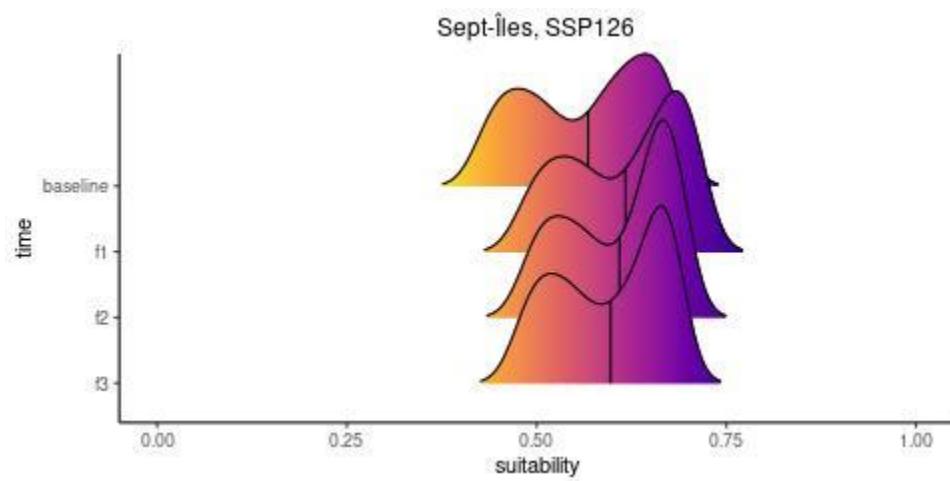


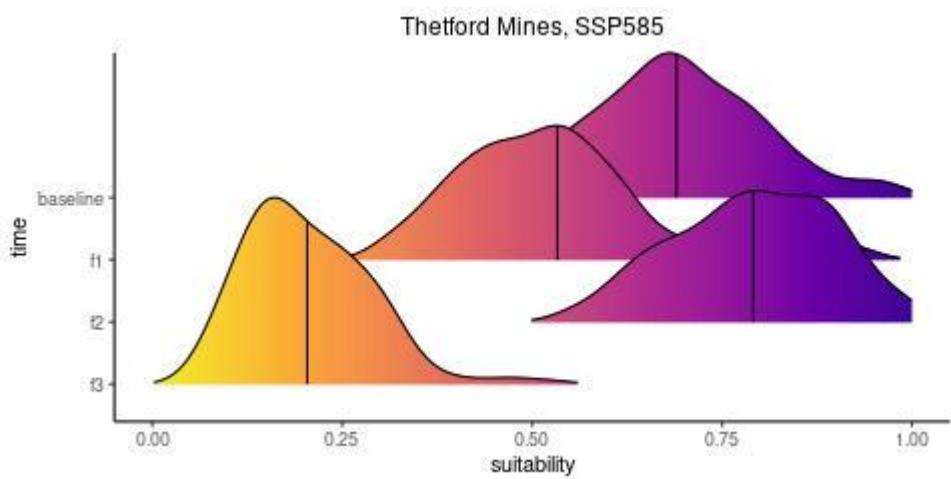
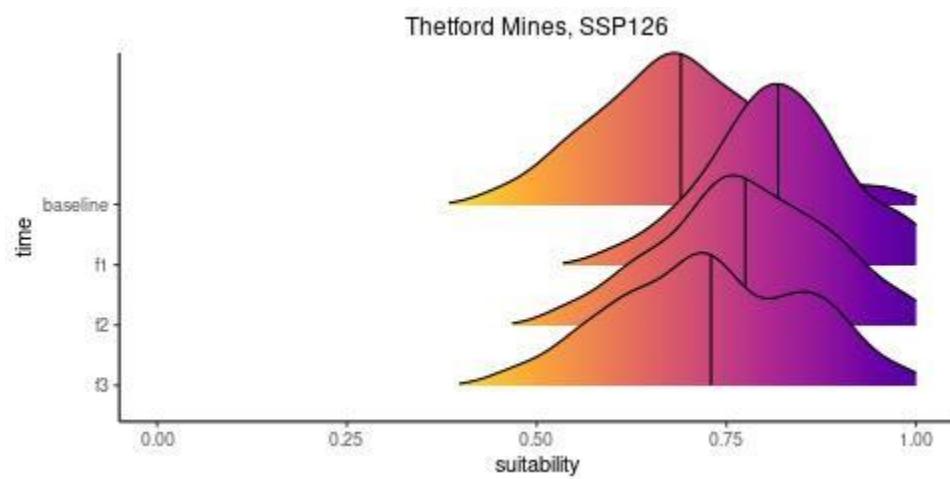
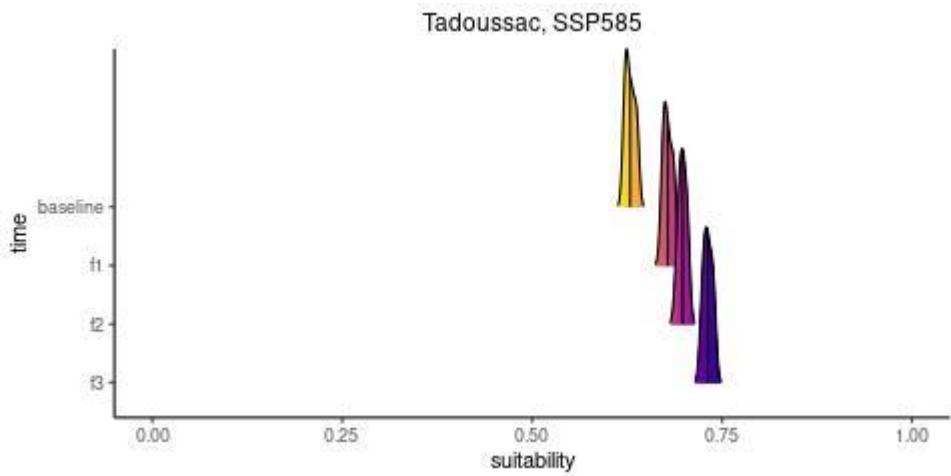
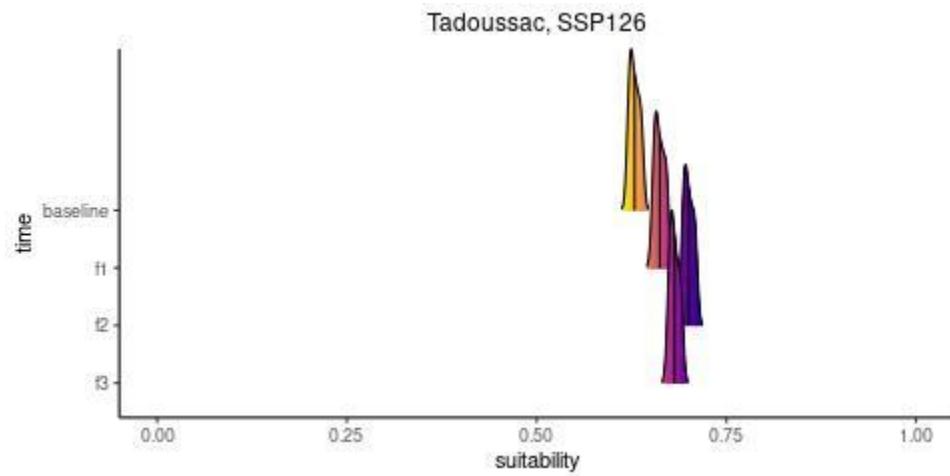
Pointe Saint-Pierre et île Plate, SSP585



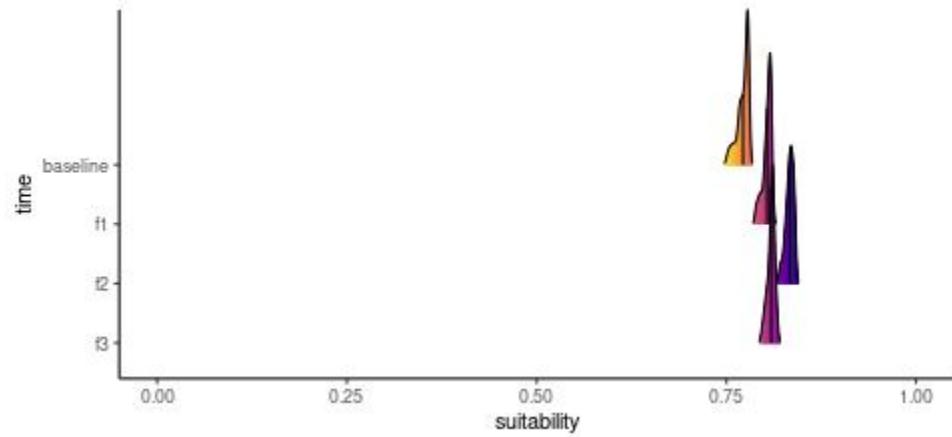




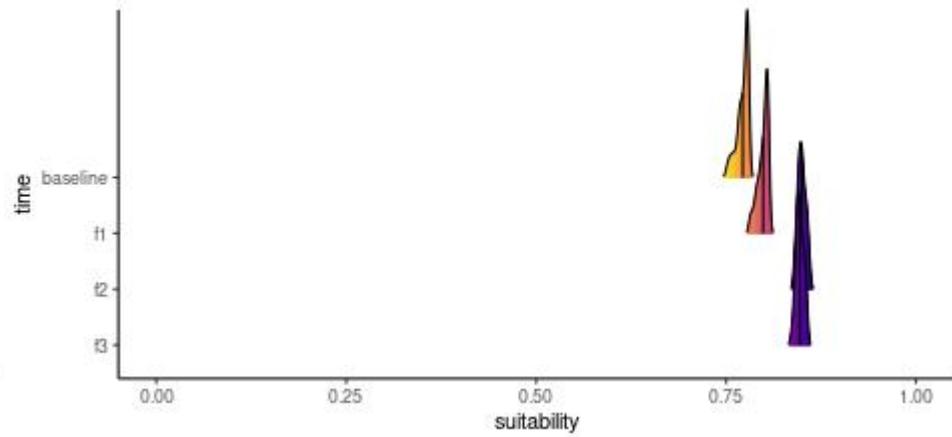




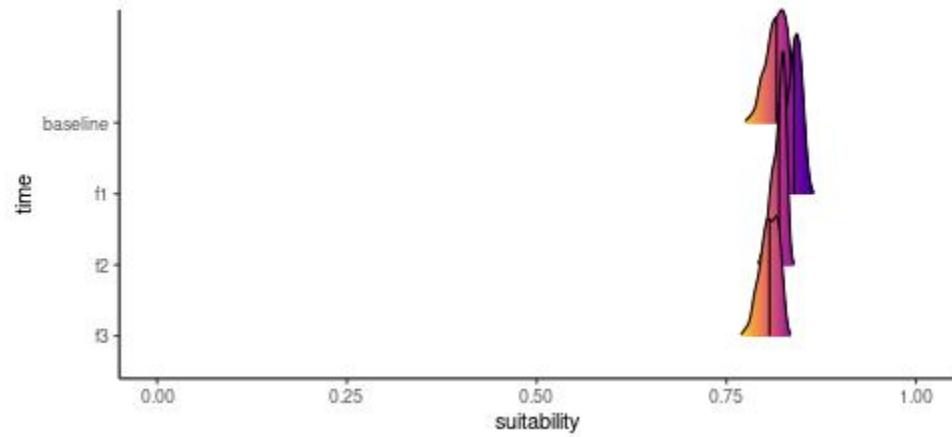
Waters of Île Patte de Lièvre, SSP126



Waters of Île Patte de Lièvre, SSP585



Watshishou, SSP126



Watshishou, SSP585

