

Species Habitat Model Report:

Florida Black Bear

Ursus americanus floridanus

Gap Analysis Program Species Code: mABBEf

Integrated Taxonomic Information System TSN: 726978

NatureServe Global Element ID: 2.103279

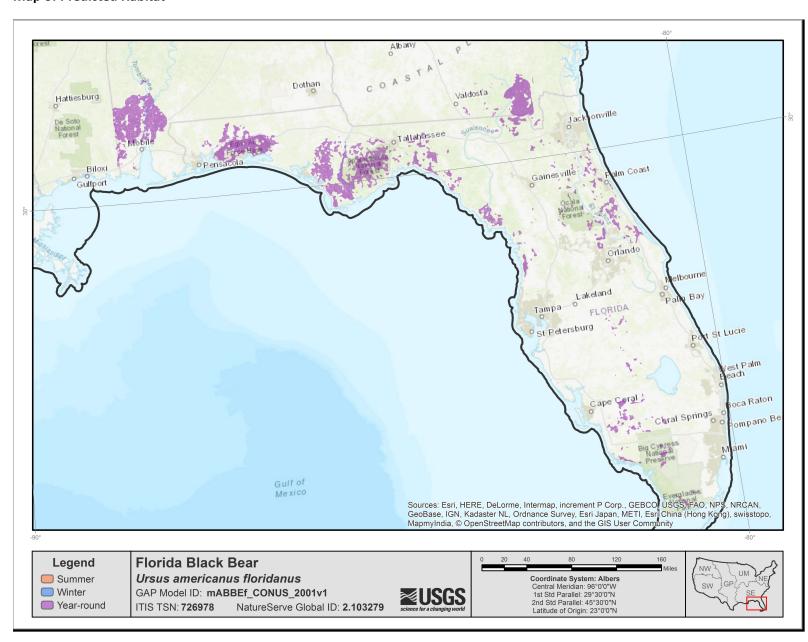
Model ID (extent, year, version): CONUS_2001v1

Model Editor: Matt Rubino
Model Reviewer: Nathan Tarr

DOI Data Link: https://doi.org/10.5066/F7N29V90

Date Report Generated: November 17, 2017

Map of Predicted Habitat



Habitat Modeling: Model Parameters

Season	Year Round
Region*	SE
Landcover Limitations	
Contiguous Patch	
Minimum Size (ha)	
Edge Type Usage	
Ecotone Width (m)	
Forest Interior Usage	
Distance From Edge (m)	
Secondary Map Units	
Distance From Primary Map Units (m)	250
Hydrographic Limitations	
Flowing Water	
Distance Into (m)	
Distance From (m)	
Open/Standing Water	
Distance Into (m)	
Distance From (m)	
Wet Vegetation	
Distance Into (m)	
Distance From (m)	
Water Salinity	
Water Velocity	
Human Impact Avoidance	Low
Elevation Limit - Minimum (m)	
Elevation Limit - Maximum (m)	
Hand Modeled	Yes

^{*}GP = Great Plains; NE = Northeast; NW = Northwest; SE = Southeast; SW = Southwest; UM = Upper Midwest

More information regarding modeling process: https://gapanalysis.usgs.gov/species/data/

Florida Black Bear

Habitat Modeling: Hand Model Comments

SE Year-round submodel is hand modeled (1 of 1).

Hand model description:

In the east (SE and NE), this species' model uses an 80% within 1000 ha non-contiguous patch size parameter. The model processes a circular-shape focal mean procedure on predicted habitat patches. Additionally, because the focal process essentially eliminates the perimeter of the processed area (i.e. the region), it must be run on a 1500 meter buffered extent for each region. Models for the subspecies (U. a. floridanus and U. a. luteolus) represent distinct ranges and are clipped to the output of the full species (Ursus americanus) hand model for the Southeast region.

Habitat Modeling: Map Units

Season	Year Round
Region*	SE
Map Unit	
1201 - Developed, Open Space	0
1202 - Developed, Low Intensity	0
1203 - Developed, Medium Intensity	0
1204 - Developed, High Intensity	0
1301 - Quarries, Mines, Gravel Pits and Oil Wells	0
1401 - Orchards Vineyards and Other High Structure Agriculture	0
1402 - Cultivated Cropland	2
1403 - Pasture/Hay	0
2102 - Open Water (Fresh)	0
2103 - Open Water (Brackish/Salt)	0
2104 - Open Water (Aquaculture)	0
3105 - Barren Land	0
3106 - Atlantic Coastal Plain Northern Sandy Beach	0
3107 - Atlantic Coastal Plain Southern Beach	0
3108 - Unconsolidated Shore (Lake/River/Pond)	0
3109 - Unconsolidated Shore (Beach/Dune)	0
3110 - Unconsolidated Shore	0
3111 - North American Warm Desert Active and Stabilized Dune	0
3112 - Northern Atlantic Coastal Plain Sandy Beach	0
3113 - Upper Texas Coast Beach	0
3114 - Louisiana Beach	0
3115 - Southeast Florida Beach	0
3116 - Great Lakes Dune	0
3117 - South Florida Shell Hash Beach	0
3118 - Florida Panhandle Beach Vegetation	0
3119 - Atlantic Coastal Plain Sea Island Beach	0
3120 - Southwest Florida Beach	0
3121 - Inter-Mountain Basins Active and Stabilized Dune	0
3122 - Mediterranean California Southern Coastal Dune	0
3123 - Mediterranean California Northern Coastal Dune	0
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U.S. Geological Survey Page 5 of 26

Season	Year Round
Region*	SE
Map Unit	
3124 - North Pacific Maritime Coastal Sand Dune and Strand	0
3125 - Texas Coastal Bend Beach	0
3201 - North American Warm Desert Bedrock Cliff and Outcrop	0
3202 - Rocky Mountain Cliff, Canyon and Massive Bedrock	0
3203 - Western Great Plains Cliff and Outcrop	0
3204 - Great Lakes Acidic Rocky Shore and Cliff	0
3205 - Central Interior Calcareous Cliff and Talus	0
3206 - Central Interior Acidic Cliff and Talus	0
3207 - North-Central Appalachian Circumneutral Cliff and Talus	0
3208 - North-Central Appalachian Acidic Cliff and Talus	0
3209 - North Pacific Montane Massive Bedrock, Cliff and Talus	0
3210 - Southern Piedmont Cliff	0
3211 - North Pacific Coastal Cliff and Bluff	0
3212 - Southern California Coast Ranges Cliff and Canyon	0
3213 - Central California Coast Ranges Cliff and Canyon	0
3214 - Klamath-Siskiyou Cliff and Outcrop	0
3215 - Sierra Nevada Cliff and Canyon	0
3216 - Inter-Mountain Basins Cliff and Canyon	0
3217 - Southwestern Great Plains Canyon	0
3218 - Colorado Plateau Mixed Bedrock Canyon and Tableland	0
3219 - Southern Interior Acid Cliff	0
3220 - Southern Appalachian Montane Cliff	0
3221 - Southern Interior Calcareous Cliff	0
3301 - Western Great Plains Badland	0
3302 - East Gulf Coastal Plain Dry Chalk Bluff	0
3303 - North American Warm Desert Badland	0
3304 - Inter-Mountain Basins Shale Badland	0
3305 - Mediterranean California Coastal Bluff	0
3306 - Columbia Plateau Ash and Tuff Badland	0
3401 - Temperate Pacific Intertidal Mudflat	0
3402 - Temperate Pacific Freshwater Mudflat	0
3403 - Inter-Mountain Basins Wash	0

Season	Year Round
Region*	SE
Map Unit	
3404 - North Pacific Serpentine Barren	0
3405 - North American Warm Desert Playa	0
3406 - Mediterranean California Serpentine Barrens	0
3407 - Inter-Mountain Basins Playa	0
3501 - North Pacific Alpine and Subalpine Bedrock and Scree	0
3502 - North American Alpine Ice Field	0
3503 - Rocky Mountain Alpine Bedrock and Scree	0
3504 - Mediterranean California Alpine Bedrock and Scree	0
3506 - Southern Appalachian Rocky Summit	0
3601 - Geysers and Hot Springs	0
3602 - Southern Appalachian Granitic Dome	0
3603 - Inter-Mountain Basins Volcanic Rock and Cinder Land	0
3604 - North Pacific Volcanic Rock and Cinder Land	0
3605 - North American Warm Desert Pavement	0
3606 - Southern Piedmont Granite Flatrock	0
3607 - North American Warm Desert Volcanic Rockland	0
4101 - Central and Southern Appalachian Northern Hardwood Forest	0
4102 - East Gulf Coastal Plain Limestone Forest	1
4103 - East Gulf Coastal Plain Northern Loess Plain Oak-Hickory Upland - Hardwood Modifier	0
4104 - Northeastern Interior Dry Oak Forest-Hardwood Modifier	0
4105 - East Gulf Coastal Plain Northern Loess Plain Oak-Hickory Upland - Juniper Modifier	0
4106 - Northeastern Interior Dry Oak Forest - Mixed Modifier	0
4107 - Ridge and Valley Calcareous Valley Bottom Glade and Woodland	0
4108 - East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Herbaceous Modifier	0
4109 - Southern and Central Appalachian Oak Forest - Xeric	0
4110 - North Pacific Oak Woodland	0
4111 - Rocky Mountain Aspen Forest and Woodland	0
4112 - Rocky Mountain Bigtooth Maple Ravine Woodland	0
4113 - Laurentian-Acadian Northern Hardwoods Forest	0
4114 - Northeastern Interior Dry-Mesic Oak Forest	0
4115 - Ozark-Ouachita Dry-Mesic Oak Forest	0
4116 - Southern Interior Low Plateau Dry-Mesic Oak Forest	0

Season	Year Round
Region*	SE
Map Unit	
4117 - East Gulf Coastal Plain Northern Dry Upland Hardwood Forest	0
4118 - Crosstimbers Oak Forest and Woodland	0
4119 - Southern Appalachian Northern Hardwood Forest	0
4120 - North-Central Interior Dry-Mesic Oak Forest and Woodland	0
4121 - North-Central Interior Dry Oak Forest and Woodland	0
4122 - Ouachita Montane Oak Forest	0
4123 - North-Central Interior Beech-Maple Forest	0
4124 - North-Central Interior Maple-Basswood Forest	0
4125 - Southern and Central Appalachian Oak Forest	1
4126 - Allegheny-Cumberland Dry Oak Forest and Woodland - Hardwood	0
4127 - Central and Southern Appalachian Montane Oak Forest	0
4128 - East Gulf Coastal Plain Northern Loess Bluff Forest	0
4129 - East Gulf Coastal Plain Southern Loess Bluff Forest	0
4130 - Southern Coastal Plain Dry Upland Hardwood Forest	1
4131 - Eastern Great Plains Tallgrass Aspen Parkland	0
4132 - South Florida Hardwood Hammock	1
4133 - Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	1
4134 - Southwest Florida Coastal Strand and Maritime Hammock	1
4135 - Southeast Florida Coastal Strand and Maritime Hammock	1
4136 - Central and South Texas Coastal Fringe Forest and Woodland	0
4137 - West Gulf Coastal Plain Chenier and Upper Texas Coastal Fringe Forest and Woodland	0
4138 - Northwestern Great Plains Aspen Forest and Parkland	0
4139 - Mississippi River Alluvial Plain Dry-Mesic Loess Slope Forest	0
4140 - East-Central Texas Plains Post Oak Savanna and Woodland	0
4141 - East-Central Texas Plains Riparian Forest	0
4142 - East-Central Texas Plains Floodplain Forest	0
4143 - Madrean Encinal	0
4144 - Mediterranean California Mixed Oak Woodland	0
4145 - South Florida Pine Rockland	1
4146 - Southern Coastal Plain Oak Dome and Hammock	1
4147 - Inter-Mountain Basins Curl-leaf Mountain Mahogany Woodland and Shrubland	0
4148 - North Pacific Broadleaf Landslide Forest and Shrubland	0

Region 50 Region 50 Total 100 Uses 100 <	Season	Year Round
1490 - 1200 -	Region*	SE
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413-1 Alean'th Pillakas Limentinous Sourman and Woodshild 143-1 Alean'th Robest Markiner Forest and Woodshild 143-1 Sourman Alean'th Robest Markiner Forest 143-1 Alean'th Robest Markiner For	4150 - East Gulf Coastal Plain Maritime Forest	1
43.5 Historia picula Martinine Forest 0 43.5 Historia Picturu Model Picturu Model Picturu Model Picturu Model Picturu Model Forest 0 402. Southern Picturu Model Forest Model Forest Model Forest 0 402. Southern Picturu Model Forest Model Forest Model Forest Model Forest Model Forest Model Forest 0 402. Southern Educated Pich Southern Model Forest 0 402. Southern Educated Pich Industries Storia (Pice Quit Forest Model Model 0 402. Southern Educated Pich Industries Storia (Pice Quit Forest Model) 0 402. Southern Educated Pich Industries Storia (Pice Quit Forest Model) 0	4151 - Lower Mississippi River Dune Woodland and Forest	0
4154 - Western Great Plains Wooded Draw and Ravine 0 4155 - Garbar Plains Wooded Draw and Ravine 0 4151 - Sarbar A Japon Shirth For act 0 4202 - Sarbar Rapines Block Sign Forest and Wooded Press 0 4203 - Sarbar Rapines Block Sign Forest 0 4204 - Western Crossley's Right Medic Loses Stape Forest 0 4205 - Southern Crowley's Right Medic Loses Stape Forest 0 4205 - Southern Crowley's Right Medic Loses Stape Forest 0 4205 - Southern Crowley's Right Medic Loses Stape Forest 0 4205 - Southern Crowley's Right Medic Loses Stape Forest 0 4205 - Southern Crowley's Right Medic Loses Stape Forest 0 4205 - Southern Stape Stape Forest 0 4205 - Souther Stape Stape Stape Stape Stape Forest 0 4205 - Southern Stape Stap	4152 - Edwards Plateau Limestone Savanna and Woodland	0
435-1-lakerik Pitakau Dry, Misk: Stope Forest and Woodand 0 4301-1-bereal Appenitisch Forest 0 4322-1-bereal Appenitisch Forest 0 4323-1-bereal Appenitisch Forest 0 4324-1-bereal Appenitisch Forest 0 4325-1-bereal Appenitisch Forest 0 4326-1-bereal Pain Meis-Farestood Forest 0 4325-1-bereal Pain Meis-Farestood Forest 0 4325-1-bereal Pain Meis-Farestood Forest 0 4326-1-bereal Pain Meis-Farestood Forest 0 4326-1-bereal Pain Meis-Farestood Forest 0 4327-1-bereal Pain Meis-Farestood Forest 0 4327-1-bereal Pain Meis-Farestood Forest 0 4327-1-bereal Pain Scalaria Phis Scalaria	4153 - Mississippi Delta Maritime Forest	0
4201 - Boreal Aspen-Brich Forest 0 4202 - Sourden Frederiont Mesic Forest 0 4203 - Soudhern Forderiont Mesic Forest 0 4203 - Southern Forderiont Mesic Forest 0 4203 - Southern Forderiont Mesic Forest Association of Forest 0 4205 - Seas Guil Coastal Plain Mesic Hardwood Forest 0 4205 - Seas Guil Coastal Plain Mesic Hardwood Forest 0 4205 - Seas Guil Coastal Plain Mesic Father Mesic Forest 0 4207 - Chark Coastal Plain Mesic Father Mesic Forest 0 4207 - Chark Coastal Plain Southern Mesic Stope Forest 0 4208 - Seas Guil Coastal Plain Southern Mesic Stope Forest 0 4210 - Alternic Coastal Plain Southern Mesic Stope Forest 0 4211 - Alternic Coastal Plain Southern Mesic Forest 0 4212 - Alternic Coastal Plain Southern Mesic Forest 0 4213 - Alternic Coastal Plain Southern Mesic Forest 0 4214 - Alternic Coastal Plain Interior Southern Precount Mesic Precount Forest Mesic Precount Forest Mesic Precount Mesic Precount Forest Mesic Precount F	4154 - Western Great Plains Wooded Draw and Ravine	0
402 - Southern Predment Mexic Ferest 0 403 - Southern Predment Mexic Ferest 0 403 - Southern Orwardy's Riging Mexic Loses Slope Ferest 0 403 - West Colf Coastal Plain Interfect Meric Retroduced Ferest 0 403 - Southern Interfect / Upper Coastal Plain First Hurdoud Ferest 0 403 - Southern Interfect / Upper Coastal Plain First Hurdoud Ferest 0 403 - Southern Prediction Mexic Hardwood Ferest 0 403 - Southern Prediction Mexic Storphone Mexic Storph	4155 - Edwards Plateau Dry-Mesic Slope Forest and Woodland	0
4303 - Southern Croader'y's Ridge Mesic Loses Slope Ferest 0 4204 - West Gulf Casstal Plain Mesic Hardwood Forest 0 4305 - Saade Alf Casstal Plain Mesic Hardwood Forest 0 4206 - Saade Alf Casstal Plain Mesic Hardwood Forest 0 4206 - Saade Alf Casstal Plain File Platwoods 0 4207 - Casstal Casstal Plain File Platwoods 0 4208 - Edwards Plain Southern Mesic Fire Platwood Forest 0 4209 - East Gulf Casstal Plain Southern Mesic Slope Forest 0 4210 - Allandic Casstal Plain Southern Mesic Fire Forest 0 4211 - Allandic Casstal Plain Southern Maritime Forest 0 4212 - Allandic Casstal Plain Interior Shortlead Plain Southern Maritime Forest 0 4212 - Allandic Casstal Plain Interior Shortlead Plain Southern Maritime Forest 0 4212 - Allandic Casstal Plain Interior Shortlead Plain Southern Maritime Forest 0 4222 - Allandic Casstal Plain Interior Shortlead Plain Southern Maritime Forest - Hardwood Modifier 0 4303 - East Gulf Casstal Plain Interior Shortlead Plain Southern Mesics and Woodsdard - W	4201 - Boreal Aspen-Birch Forest	0
4201 - West Calf Coastal Plain Meriter Merite Meridenced Forest 0 4205 - East Calf Coastal Plain Northern Meriter	4202 - Southern Piedmont Mesic Forest	0
4205 - East Gulf Coastal Plain Northern Metic Hardwood Forest 0 4206 - South Central Interior / Upper Coastal Plain Fishtwoods 0 4207 - Ozark-Ouachha Mesic Hardwood Forest 0 4208 - Réaduré Pistatu Mesic Hardwood Forest 0 4209 - East Gulf Coastal Plain Southern Mesic Slope Forest 0 4210 - Albantic Coastal Plain Korrban Maritime Forest 0 4211 - Albantic Coastal Plain Northern Maritime Forest 0 4212 - Albantic Coastal Plain Northern Maritime Forest 0 4301 - East Gulf Coastal Plain Northern Maritime Forest 0 4302 - East Gulf Coastal Plain Northern Maritime Forest 0 4303 - East Gulf Coastal Plain Northern Maritime Forest 0 4304 - East Gulf Coastal Plain Northern Maritime Forest 0 4305 - East Gulf Coastal Plain Northern Dry Oul Pipel Forest - Hardwood Modifier 0 4306 - East Gulf Coastal Plain Northern Dry Oul Pipel Forest - Hardwood Modifier 0 4307 - Nagbeeny Cumberland Dry Oul Pipel Forest - Lobbidy Pipe Modifier 0 4308 - Southern Réquent Dry Oul Pipel Hardwood Forest - Offske Pipe Modifier 0 4309 - East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offske Pipe Modifier 0 4309 - East Gulf Coastal Pl	4203 - Southern Crowley's Ridge Mesic Loess Slope Forest	0
4206 - South-Central Interior / Upper Coastal Plain Flatwoods 0 4207 - Ozark-Ouachita Mesic Harrowood Forest 0 4208 - Edwards Plateau Mesic Carryon 0 4209 - East Culf Coastal Plain Southern Mesic Slope Forest 1 4210 - Astarité Coastal Plain Northern Maritime Forest 0 4211 - Materité Coastal Plain Northern Maritime Forest 0 4212 - Allantic Coastal Plain Southern Maritime Forest 0 4212 - Allantic Coastal Plain Southern Maritime Forest 0 4212 - Allantic Coastal Plain Interior Shortleaf Pine-Oak Forest - Harrdwood Modifier 0 4301 - East Quif Coastal Plain Interior Shortleaf Pine-Oak Forest - Harrdwood Modifier 0 4302 - Southern Piedmant Dry Oak (Pine) Forest - Virginal/Pitch Pine Modifier 0 4303 - East Quif Coastal Plain Northern Dry Oak (Pine) Forest - Virginal/Pitch Pine Modifier 0 4304 - Southern Piedmant Dry Oak (Pine) Forest - Virginal/Pitch Pine Modifier 0 4305 - Southern Piedmant Dry Oak Forest - Virginal/Pitch Pine Modifier 0 4307 - Allegheny-Cumelard Dry Oak Forest - Mixed Modifier 0 4309 - Southern Riège and Valley Dry Oak Forest and Woodund- Pine Modifier 0 4309 - East Guif Coastal Plain Interior Shortleaf Pine- Oak Forest - Mixed Modifier	4204 - West Gulf Coastal Plain Mesic Hardwood Forest	0
4207 - Ozark-Ouarhita Mesic Harvdwood Forest 0 4208 - Edwards Plateau Mesic Carryon 0 4209 - East Gulf Coastal Plain Southern Mesic Slope Forest 0 4210 - Allamic Coastal Plain Southern Mesic Slope Forest 0 4211 - Allamic Coastal Plain Central Maritime Forest 0 4212 - Allamic Coastal Plain Morthern Muritime Forest 0 4212 - Allamic Coastal Plain Plain Southern Maritime Forest 0 4301 - East Gulf Coastal Plain Interior Shortfood Fine-Oak Forest - Hardwood Modifier 0 4302 - Southern Redmont Dry Qal-(Pine) Forests - Hardwood Modifier 0 4303 - East Gulf Coastal Plain Mark Bell Colkarareous Prairie and Woodland - Woodland Modifier 0 4304 - Northeastern Interior Dry Qal-(Pine) Forest - Virginia/Pitch Pine Modifier 0 4305 - Southern Redmont Dry Qal-(Pine) Forest - Virginia/Pitch Pine Modifier 0 4306 - East Gulf Coastal Plain Northern Dry Qal-(Pine) Forest - Virginia/Pitch Pine Modifier 0 4307 - Allament Louis Landi Guard Modifier 0 4308 - Southern Ridge and Valley Dry Calcareous Forest - Mixed Modifier 0 4309 - East Gulf Coastal Plain Interior Shortfeel Pine-Qulk Forest - Mixed Modifier 0 4301 - Southern Ridge and Valley Dry Calcareous Forest - Mixed Modifier	4205 - East Gulf Coastal Plain Northern Mesic Hardwood Forest	0
4288 - Edwards Piateau Mesic Carryon 0 4209 - East Guif Coastal Plain Southern Mesis Slope Forest 1 4210 - Atlantic Coastal Plain Central Maritime Forest 0 4221 - Atlantic Coastal Plain Northern Maritime Forest 0 4221 - Atlantic Coastal Plain Northern Maritime Forest 1 4301 - East Guif Coastal Plain Interior Shortheaf Pre-Oak Forest - Hardwood Modifier 0 4302 - Southern Pledmont Dry Oak-(Pine) Forest - Hardwood Modifier 0 4303 - East Guif Coastal Plain Interior Shortheaf Pre-Oak Forest - Hardwood Modifier 0 4304 - Northeastern Interior Dry Oak-(Pine) Forest - Hardwood Modifier 0 4305 - Southern Pledmont Dry Oak-(Pine) Forest - Hardwood Modifier 0 4306 - Bast Guif Coastal Plain Interior Shortheaf Pre-Oak Forest - Office Pre Modifier 0 4307 - Alleghemy-Cumberland Dry Oak (Pine) Forest - Lobidoly Pine Modifier 0 4308 - East Guif Coastal Plain Interior Shortheaf Pine-Oak Forest - Office Pine Modifier 0 4309 - East Guif Coastal Plain Interior Shortheaf Pine-Oak Forest - Office Pine Modifier 0 4309 - East Guif Coastal Plain Interior Shortheaf Pine-Oak Forest - Office Pine Modifier 0 4309 - East Guif Coastal Plain Interior Shortheaf Pine-Oak Forest - Mixed Modifier 0	4206 - South-Central Interior / Upper Coastal Plain Flatwoods	0
4209 - East Gull Coastal Plain Southern Meritime Forest 0 4210 - Atlantic Coastal Plain Northern Maritime Forest 0 4211 - Atlantic Coastal Plain Northern Maritime Forest 0 4212 - Atlantic Coastal Plain Northern Maritime Forest 0 4212 - Atlantic Coastal Plain Interior Shortlead Pine-Oak Forest - Hardwood Modifier 0 4301 - East Gulf Coastal Plain Interior Shortlead Pine-Oak Forest - Hardwood Modifier 0 4302 - Southern Pledmont Dry Oak-(Pine) Forest - Hardwood Modifier 0 4303 - East Gulf Coastal Plain Interior Shortlead Pine-Oak Forest - Virginia/Pitch Pine Modifier 0 4304 - Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier 0 4305 - Southern Pledmont Dry Oak Forest - Loblobly Pine Modifier 0 4306 - East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offite Pine Modifier 0 4307 - Allegheny-Cumberland Dry Oak Forest - Modifier 0 4308 - Southern Ridge and Valley Dry Qak Forest and Woodland - Pine Modifier 0 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Pine modifier 0 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 0 4310 - Southern Ridge and Valley Dry Calcareous Forest - Pine modifier 0	4207 - Ozark-Ouachita Mesic Hardwood Forest	0
4210 - Allantic Coastal Plain Interior Shortler Maritime Forest 0 4211 - Atlantic Coastal Plain Interior Shortler Fine-Oak Forest - Hardwood Modifier 1 4212 - Atlantic Coastal Plain Interior Shortleaf Pine-Oak Forest - Hardwood Modifier 0 4301 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Hardwood Modifier 0 4302 - Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier 0 4303 - East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Woodland Modifier 0 4304 - Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier 0 4305 - Southern Piedmont Dry Oak-(Pine) Forest - Lobolay Pine Modifier 0 4306 - East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offsite Pine Modifier 0 4307 - Allegheny- Cumberland Dry Oak Forest and Woodland - Pine Modifier 0 4308 - Southern Ridge and Valley Dry Calcareous Forest - Pine modifier 0 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 0 4310 - Southern Riedmont Dry Oak-(Pine) Forest - Mixed Modifier 0 4311 - Southern Riedmont Dry Oak-(Pine) Forest - Mixed Modifier 0 4312 - Western Geat Plain Dry Oak-(Pine) Forest - Mixed Modifier 0 4312 - Western Geat Plain Dry Oak-(Pine) Forest - Mixed Modif	4208 - Edwards Plateau Mesic Canyon	0
4211- Attantic Caastal Plain Northern Maritime Forest 4212- Attantic Caastal Plain Southern Maritime Forest 4301- East Gulf Caastal Plain Interior Shortleaf Pine-Oak Forest- Hardwood Modifier 4302 - Southern Pedmont Dry Oak-(Pine) Forest- Hardwood Modifier 4303 - East Gulf Caastal Plain Black Bet Calcareous Prairie and Woodland - Woodland Modifier 4304 - Northeastern Interior Dry Oak Forest- Virginia/Pitch Pine Modifier 4305 - Southern Pedmont Dry Oak-(Pine) Forest- Virginia/Pitch Pine Modifier 4306 - East Gulf Caastal Plain Northern Dry Upland Hardwood Forest- Offstee Pine Modifier 4307 - Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier 4308 - Southern Ridge and Valley Dry Calcareous Forest- Pine modifier 4309 - East Gulf Caastal Plain Interior Shortleaf Pine-Oak Forest- Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest- Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest- Mixed Modifier 4311 - Southern Piedmont Dry Oak-(Pine) Forest- Mixed Modifier 4311 - Southern Piedmont Dry Oak-(Pine) Forest- Mixed Modifier 4312 - Western Great Plains Dry Sur Oak Forest and Woodland 4313 - Southern Piedmont Dry Oak-(Pine) Forest- Mixed Modifier 4314 - Southern Piedmont Dry Oak-(Pine) Forest- Mixed Modifier 4315 - Southern Piedmont Dry Oak-(Pine) Forest- Mixed Modifier 4315 - Southern Piedmont Dry Oak-(Pine) Forest- Mixed Modifier 4316 - Southern Piedmont Dry Oak-(Pine) Forest- Mixed Modifier 4316 - Southern Piedmont Dry Oak-(Pine) Forest- Mixed Modifier	4209 - East Gulf Coastal Plain Southern Mesic Slope Forest	1
4212 - Atlantic Coastal Plain Southern Maritime Forest 4301 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Hardwood Modifier 4302 - Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier 4303 - East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Woodland Modifier 4304 - Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier 4305 - Southern Piedmont Dry Oak-(Pine) Forest - Loblobly Pine Modifier 4306 - East Gulf Coastal Plain Northern Dry Upahr Hardwood Forest - Offsite Pine Modifier 4307 - Alleghenry-Cumberland Dry Oak-Forest - Mixed Modifier 4308 - Southern Ridge and Valley Dry Calcareous Forest - Pine modifier 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4311 - Southern Piedmont Dry Oak-Pine Modifier 4311 - Southern Piedmont Dry Oak-Pine Modifier 4312 - Western Freethein Modifier 4313 - Southern Piedmont Dry Oak-Pine Modifier 4314 - Southern Piedmont Dry Oak-Pine Modifier 4315 - Southern Piedmont Dry Oak-Pine Modifier 4316 - Southern Piedmont Dry Oak-Pine Modifier 4317 - Southern Piedmont Dry Oak-Pine Modifier	4210 - Atlantic Coastal Plain Central Maritime Forest	0
A301 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Hardwood Modifier 4302 - Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier 4303 - East Gulf Coastal Plain Black Bet Calcareous Prairie and Woodland - Woodland Modifier 4304 - Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier 4305 - Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier 4306 - East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offsite Pine Modifier 4307 - Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier 4308 - Southern Ridge and Valley Dry Calcareous Forest - Pine modifier 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4311 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4312 - Western Freat Plains Dry Bur Oak Forest - Mixed Modifier 4313 - Southern Piedmont Dry Oak-Peath Forest - Mixed Modifier 4314 - Southern Piedmont Dry Oak-Peath Forest - Mixed Modifier 4315 - Southern Piedmont Dry Oak-Peath Forest - Mixed Modifier 4316 - Southern Piedmont Dry Oak-Peath Forest - Mixed Modifier 4317 - Western Freat Plains Dry Bur Oak Forest And Woodland 4318 - Southern Piedmont Dry Oak-Peath Forest - Mixed Modifier 4319 - Southern Piedmont Dry Oak-Peath Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-Peath Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-Peath Forest - Mixed Modifier 4311 - Southern Piedmont Dry Oak-Peath Forest - Mixed Modifier 4312 - Western Forest Plains Dry Bur Oak Forest and Woodland	4211 - Atlantic Coastal Plain Northern Maritime Forest	0
4302 - Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier 4303 - East Gulf Coastal Plain Black Belt Cakareous Prairie and Woodland - Woodland Modifier 4304 - Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier 4305 - Southern Piedmont Dry Oak-(Pine) Forest - Lobiolly Pine Modifier 4306 - East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offske Pine Modifier 4307 - Alleghenry-Cumberland Dry Oak Forest and Woodland - Pine Modifier 4308 - Southern Ridge and Valley Dry Cakareous Forest - Pine modifier 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4311 - Southern Piedmont Dry Oak-Heath Forest - Mixed Modifier 4312 - Western Great Plains Dry Bur Oak Forest and Woodland 4312 - Western Great Plains Dry Bur Oak Forest and Woodland	4212 - Atlantic Coastal Plain Southern Maritime Forest	1
4303 - East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Woodland Modifier 4304 - Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier 4305 - Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier 4306 - East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offsite Pine Modifier 4307 - Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier 4308 - Southern Ridge and Valley Dry Calcareous Forest - Pine modifier 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4311 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4312 - Western Great Plain Dry Bur Oak Forest and Woodland 4313 - Western Great Plain Dry Bur Oak Forest and Woodland	4301 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Hardwood Modifier	0
4304 - Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier 4305 - Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier 4306 - East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offsite Pine Modifier 4307 - Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier 4308 - Southern Ridge and Valley Dry Calcareous Forest - Pine modifier 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4311 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4312 - Western Great Plains Dry Bur Oak Forest and Woodland 60 60 60 60 60 60 60 60 60 6	4302 - Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	0
4305 - Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier 4306 - East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offsite Pine Modifier 4307 - Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier 4308 - Southern Ridge and Valley Dry Cakareous Forest - Pine modifier 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4311 - Southern Piedmont Dry Oak-Heath Forest - Mixed Modifier 4312 - Western Great Plains Dry Bur Oak Forest and Woodland 50 61 61 61 61 61 61 61 61 61 6	4303 - East Gulf Coastal Plain Black Belt Calcareous Prairie and Woodland - Woodland Modifier	0
4306 - East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offsite Pine Modifier 4307 - Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier 4308 - Southern Ridge and Valley Dry Calcareous Forest - Pine modifier 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4311 - Southern Piedmont Dry Oak-Heath Forest - Mixed Modifier 4312 - Western Great Plains Dry Bur Oak Forest and Woodland 50 61 61 61 61 61 61 61 61 61 6	4304 - Northeastern Interior Dry Oak Forest - Virginia/Pitch Pine Modifier	0
4307 - Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier 4308 - Southern Ridge and Valley Dry Calcareous Forest - Pine modifier 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4311 - Southern Piedmont Dry Oak-Heath Forest - Mixed Modifier 4312 - Western Great Plains Dry Bur Oak Forest and Woodland 4313 - Western Great Plains Dry Bur Oak Forest and Woodland	4305 - Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	0
4308 - Southern Ridge and Valley Dry Calcareous Forest - Pine modifier 4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4311 - Southern Piedmont Dry Oak-Heath Forest - Mixed Modifier 4312 - Western Great Plains Dry Bur Oak Forest and Woodland 4312 - Western Great Plains Dry Bur Oak Forest and Woodland	4306 - East Gulf Coastal Plain Northern Dry Upland Hardwood Forest - Offsite Pine Modifier	0
4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier 4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4311 - Southern Piedmont Dry Oak-Heath Forest - Mixed Modifier 4312 - Western Great Plains Dry Bur Oak Forest and Woodland 60 61 61 61 61 61 61 61 61 61	4307 - Allegheny-Cumberland Dry Oak Forest and Woodland - Pine Modifier	0
4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier 4311 - Southern Piedmont Dry Oak-Heath Forest - Mixed Modifier 4312 - Western Great Plains Dry Bur Oak Forest and Woodland 6 0 6 0 7 0 7 0 7 0 7 0 7 0 7 0	4308 - Southern Ridge and Valley Dry Calcareous Forest - Pine modifier	0
4311 - Southern Piedmont Dry Oak-Heath Forest - Mixed Modifier 4312 - Western Great Plains Dry Bur Oak Forest and Woodland 0	4309 - East Gulf Coastal Plain Interior Shortleaf Pine-Oak Forest - Mixed Modifier	0
4312 - Western Great Plains Dry Bur Oak Forest and Woodland 0	4310 - Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	0
	4311 - Southern Piedmont Dry Oak-Heath Forest - Mixed Modifier	0
4313 - Northern Atlantic Coastal Plain Dry Hardwood Forest 0	4312 - Western Great Plains Dry Bur Oak Forest and Woodland	0
	4313 - Northern Atlantic Coastal Plain Dry Hardwood Forest	0

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451- Hole In Upper Montrace Colline Cult Forest and Woodland 0 4517- Hole In Upper Montrace Colline Cult Forest and Woodland 0 4517- Hole In Upper Montrace Colline Cult Forest and Woodland 0 4518- Hole In Woodland State Of Forest and Woodland 0 4519- Hole In Woodland State Of Forest and Woodland 0 4519- Southers In House Colline In Montral Engineer Forest and Woodland 0 4521- Southers In House Forest Colline In Montral Engineer Forest and Woodland 0 4522- Southers In House For Engineer Forest Annual Montral Engineer Forest and Woodland 0 4523- Southers In House For Engineer Forest Annual Montral Engineer Forest and Woodland 0 4524- Southers In Engineer Forest Annual Montral Engineer Forest Annual Mon		
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4321 - Medierramen Gelfornia Miecel Georgen Froere 0 4322 - Medierramen Gelfornia Miecel Georgen Froere and Woodand 0 4323 - Southeastern Interior Longlas If Phe Woodand 0 4324 - Lavermin Andam Andam Andram Pher Woodand 0 4325 - Lavermin Andam Andam Andram Pher Woodand 0 4325 - Lavermin Andam Andam Andram Pher Mied Chail Froet and Woodand 0 4325 - Lavermin Andam An	4318 - Mediterranean California Red Fir Forest	0
A 1 1 1 1 1 1 1 1 1	4319 - North Pacific Dry Douglas-fir-(Madrone) Forest and Woodland	0
4222 - Southeastern Interior Longlad Fire Woodand 0 4232 - Laure Hank Andrain Richter Interior Chapter Forest and Woodand 2 4232 - Laure Hank Andrain Richter Interior Chapter Forest and Woodand 2 4232 - Character Hank Andrain Richter Interior Chapter Forest and Woodand 2 4232 - Character Hank Andrain Pickhanch Ayrakhod Gerest 2 4232 - Laure Hank Andrain Pickhanch Ayrakhod Gerest 2 4232 - Laure Hank Andrain Pickhanch Ayrakhod Gerest 2 4232 - Laure Hank Andrain Pickhanch Ayrakhod Gerest 2 4232 - Laure Hank Andrain Pickhanch Ayrakhod Gerest 2 4232 - Souther Richter Hank Andrain Pickhanch Ayrakhod Gerest 2 4232 - Souther Richter Hank Andrain Pickhanch Ayrakhod Gerest 2 4232 - South Character Richter Gerest and Woodand 2 4232 - Ayrakhodan Pickhanch Erichter Andrain Pickhanch Gerest 2 4232 - Ayrakhodan Pickhanch Erichter Andrain Pickhanch Gerest 2 4232 - Ayrakhodan Manifer Hank Andrain Pickhanch Gerest 2 4233 - Ayrakhodan Manifer Hank Andrain Pickhanch Gerest 2 4234 - South Character Mankahodan Forest and Woodand 2 4235 - Cherral Ayrakhodan Forest Andrain Mankahodan Mankahodan Pickhanch Gerest and Woodand	4320 - Mediterranean California Mixed Evergreen Forest	0
422 - Luvertian Acadan Northern Pine (10k) Forest 0 4234 - Luver Mountain Basins Ayen Mined Confer Forest and Woodland 0 4235 - Carrai Interior Injelhands Dyn Addic Clube and Barren 0 4236 - Boreal With Sayuse Fr- Hurchood Forest and Woodland 0 4237 - Luvertian Acadan Pine- Hernbech Infrabedood Forest and Woodland 0 4238 - Ozark Ouadha Shorted Pine- Ook Forest and Woodland 0 4239 - Ozark Ouadha Shorted Pine- Ook Forest and Woodland 0 4230 - Ozark Ouadha Shorted Pine- Ook Forest and Woodland 0 4231 - Apada Chair Pine Forest 0 4232 - Ozark Ouadha Shorted Pine- Ook Forest and Woodland 0 4233 - Apada Chair Pine Forest 0 4234 - Ozark Chair Pine Forest and Woodland 0 4232 - Apada Chair Pine Forest And Wood Forest 0 4233 - Apada Chair Pine Forest And Wood Forest 0 4234 - Apada Chair Pine Forest And Wood Forest 0 4235 - Chair Pine Forest Robert Pine Forest and Wood Forest 0 4236 - Chair Pine Forest Robert Pine Forest and Wood Forest 0 4237 - Vordern Cowdey's Ridge Sand Forest 0 4238 - Word Robert Pine Forest and Wood Forest 0	4321 - West Gulf Coastal Plain Upland Longleaf Pine Forest and Woodland	0
4281- Inter-Mourtain Basins Appen-Mixed Corriet For est and Woodland 0 4325- Control Interior Highlands Dry Acids Clade and Blarren 0 4326- Control White Spruce-Fir-Indewood Forest 0 4327- Lavermin-Acadian Prie-Hembock Hardwood Forest 0 4327- Lavermin-Acadian Prie-Hembock Hardwood Forest 0 4328- Ozeric Joudn's Shorteef Prie-Did Forest and Woodland 0 4329- Control Appallachina Oka and Prie-Forest 0 4330- Central Appallachina Mosk and Prie-Forest 0 4331- Agadia China Mixed Frie-Forest 0 4332- Woodland Shorteef Prie-Did Forest 0 4333- Acadian Lave Bevalonin Spruce-Fir-Hardwood Forest 0 4333- Acadian Lave Bevalonin Spruce-Fir-Hardwood Forest 0 4335- Southern Ridge and Valley Dry Calcareous Forest 0 4335- Southern Ridge and Valley Dry Calcareous Forest 0 4335- Control Appallachina Prie-Did Rock Rocky Woodland 0 4336- Voorthen Ridge and Valley Dry Calcareous Forest 0 4337- Northern Convolve Ridge Sand Forest 0 4338- Voorthen Agade Lave Lave Lave Lave Lave Lave Lave Lav	4322 - Southeastern Interior Longleaf Pine Woodland	0
425 - Central Interior Highlands Dry Addic Glade and Barren 0 4256 - Boreal White Spruse Fr- Hardwood Forest 0 4267 - Lawrentian Anadian Pine- Hemiods- Hardwood Forest 0 4252 - Castral White Spruse Fr- Hardwood Forest 0 4252 - Castral Anadian Pine- Hemiods- Hardwood Forest 0 4252 - Castral Anadian Pine- Hemiods- Hardwood Forest 0 4350 - Central Agalanchian Oka And Pine- Greets 0 4351 - Appalachian Oka And Pine Forest 0 4352 - Central Agalanchian Oka And Pine Forest 0 4353 - Appalachian Pine- Oka Pine- Markwood Forest 0 4353 - Central Agalanchian Pine- Oka Rody Woodland 0 4354 - Southern Ridge and Vine Pine- Forest and Woodland 0 4355 - Central Agapalachian Pine- Oka Rody Woodland 0 4355 - Central Agapalachian Pine- Oka Rody Woodland 0 4357 - Northern Crowley's Ridge Sand Forest 0 4358 - North Pacific Lowland Mineel Hardwood-Confire Forest and Woodland 0 4359 - Northern Crowley's Ridge Sand Forest 0 4002 - Southern and Central Agapalachian Cowe Forest 0 4002 - Southern and Central Agapalachian Cowe Forest 0	4323 - Laurentian-Acadian Northern Pine-(Oak) Forest	0
4326 - Boreal White Spruce-Fir-Hardwood Forest 0 4327 - Laurentian-Acadian Pine-Hernicck-Hardwood Forest 0 4328 - Ozark-Ouachita Shortleaf Pine-Oak Forest and Woodland 0 4329 - Southern Piedmont Dry Oak (Pine) Forest 0 4330 - Central Appalachian Oak And Pine For cest 0 4331 - Appalachian Hembock-Hardwood Forest 0 4332 - West Galf Cossal Plain Pine-Hardwood Forest 0 4333 - Acadian Low-Elevation Spruce-Fi-Hardwood Forest 0 4334 - Southern Ridge and Valley Dry Cakareous Forest 0 4335 - Central Appalachian Pine-Oak Rocky Woodland 0 4336 - West Galf Cossal Plain Sandhill Oak and Shorteef Pine Forest and Woodland 0 4337 - Northern Crowley's Ridge Sand Forest 0 4338 - West Galf Cossal Plain Sandhill Oak and Shorteef Pine Forest and Woodland 0 4337 - Northern of Cowley's Ridge Sand Forest 0 4338 - Northern of Cowley's Ridge Sand Forest 0 4339 - Northern of Cowley's Ridge Sand Forest 0 4011 - Southern and Central Appalachian (Preset and Woodland 0 4022 - South-Ecutal Interior Mescaphylik Forest 0 4039 - Altanic Coastal Plain Mesic Forest and Woodland of Onjate I	4324 - Inter-Mountain Basins Aspen-Mixed Conifer Forest and Woodland	0
4327 - Laurentian Azadan Pine-Nemlock-Hardwood Forest 0 4328 - Ozark-Ouachtia Shortleaf Pine-Oak Forest and Woodland 0 4329 - Southern Piedmont Dry Oak-(Pine) Forest 0 4330 - Central Agapatachtan Oak and Pine Forest 0 4331 - Agabatchian Hembock-Hardwood Forest 0 4332 - West Guif Coastal Plain Fine-Hardwood Forest 0 4333 - Agabatchian Hembock-Hardwood Forest 0 4334 - Southern Ridge and Valley Dry Calcarcous Forest 0 4335 - Central Agapatachtian Pine-Oak Rocky Woodland 0 4335 - Central Agapatachtian Pine-Oak Rocky Woodland 0 4335 - West Guif Coastal Plain Sandhill Oak and Shortleaf Pine Forest and Woodland 0 4336 - West Guif Coastal Plain Sandhill Oak and Shortleaf Pine Forest and Woodland 0 4337 - Northern Crowley's Ridge Sand Forest 0 4338 - Northern Agapatachtian Pine-Oak Rocky Woodland 0 4337 - Northern Crowley's Ridge Sand Forest 0 4338 - Northern Crowley's Ridge Sand Forest 0 4339 - Vest Guif Coastal Plain Sandhill Oak and Shortleaf Pine Forest and Woodland 0 4330 - Sandhill Sand Shortleaf Pine Forest and Woodland Coastal Plain Mesic Pinest 0 4331 -	4325 - Central Interior Highlands Dry Acidic Glade and Barrens	0
4328 - Carrik-Ouachira Shorteef Pine-Oak Forest and Woodland 0 4329 - Southern Piedmont Dry Oak-(Pine) Forest 0 4330 - Central Appalachian Oak and Pine Forest 0 4331 - Agpalachian Hernicck-Hardwood Forest 0 4332 - West Gulf Coastal Plain Pine-Hardwood Forest 0 4333 - Acadian Low-Elevation Spruze-Fir-Hardwood Forest 0 4334 - Southern Ridge and Valley Dry Calcareous Forest 0 4335 - Central Appalachian Pine-Oak Rocky Woodland 0 4336 - West Gulf Coastal Plain Sandhill Oak and Shorteef Pine Forest and Woodland 0 4337 - Northern Crowley's Ridge Sand Forest 0 4338 - North Palific Lowland Miked Hardwood Confire Forest and Woodland 0 4401 - Southern and Central Appalachian Cove Forest 0 4402 - South-Central Interior Mesophytic Forest 0 4403 - Adamic Coastal Plain Mesic Hardwood and Miked Forest 0 4401 - Mediterranean California Mesic Serpentine Woodland and Chaparral 0 4502 - Fortis Lougleaf Pine Sandhill Open Understory Modifier 0 4503 - Fortis Lougleaf Pine Sandhill Open Understory Modifier 0	4326 - Boreal White Spruce-Fir-Hardwood Forest	0
432 - Southern Piedmont Dry Oak (Pine) Forest 0 433 - Central Appalachian Oak and Pine Forest 0 4331 - Appalachian Hemick-Hardwood Forest 0 4332 - West Gulf Coastal Plain Pine-Hardwood Forest 0 4333 - Acadian Low-Elevation Spruce-Fir-Hardwood Forest 0 4334 - Southern Ridge and Valley Dry Calcarous Forest 0 4335 - Central Appalachian Pine-Dak Rocky Woodand 0 4336 - Central Appalachian Pine-Back Rocky Woodand 0 4337 - Northern Crowley's Ridge Sand Forest 0 4338 - Northern Crowley's Ridge Sand Forest 0 4339 - Northern Crowley's Ridge Sand Forest 0 4330 - Northern Crowley's Ridge Sand Forest 0 4331 - Northern Crowley's Ridge Sand Forest 0 4332 - Northern Crowley's Ridge Sand Forest 0 4333 - Northern Crowley's Ridge Sand Forest 0 4340 - Southern Pacific Lowland Mixed Hardwood-Confire Forest and Woodland 0 4350 - South-Central Interior Wassphylis Forest 0 4402 - South-Central Interior Mescylytis Forest 0 4403 - Adamitic Coastal Plain Mesic Hardwood And Mixed Forest 0 4404 - Mediterranean California Mesic Se	4327 - Laurentian-Acadian Pine-Hemlock-Hardwood Forest	0
433 - Central Appalachian Oak and Pine Forest 0 4331 - Appalachian Hemlock-Hardwood Forest 0 4332 - West Guif Coastal Plain Pine-Hardwood Forest 0 4333 - Acadan Low-Elevation Spruce-Fir-Hardwood Forest 0 4334 - Southern Ridge and Valley Dry Calcareous Forest 0 4335 - Central Appalachian Pine-Oak Rocky Woodland 0 4336 - West Guiff Coastal Plain Sandhill Oak and Shortleaf Pine Forest and Woodland 0 4337 - Northern Crowley's Ridge Sand Forest 0 4338 - North Pacific Lowland Miked Hardwood-Conffer Forest and Woodland 0 4401 - Southern and Central Appalachian Cove Forest 0 4402 - South-Central Interior Mesophytic Forest 0 4403 - Atlantic Coastal Plain Mesic Hardwood and Miked Forest 0 4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 0 4501 - East Guif Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 1 4502 - Foricka Longleaf Pine Sandhill - Open Understory Modifier 1	4328 - Ozark-Ouachita Shortleaf Pine-Oak Forest and Woodland	0
431 - Appalachian Hemiock-Hardwood Forest 0 432 - West Gulf Coastal Plain Pine-Hardwood Forest 0 433 - Acdian Low-Elevation Spruce-Fit-Hardwood Forest 0 433 - Acdian Low-Elevation Spruce-Fit-Hardwood Forest 0 434 - Southern Ridge and Valley Dry Calcareous Forest 0 435 - Central Appalachian Pine-Oak Rocky Woodland 0 436 - West Gulf Coastal Plain Sandhil Oak and Shortleaf Pine Forest and Woodland 0 437 - Northern Cowley's Ridge Sand Forest 0 438 - North Pacific Lowland Mixed Hardwood-Confier Forest and Woodland 0 4401 - Souther and Central Appalachian Cove Forest 0 4402 - South-Central Interior Mesophytic Forest 0 4403 - Atlantic Coastal Plain Mesic Hardwood and Mixed Forest 0 4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 0 4501 - East Gulf Coastal Plain Interior Upland Longled Fine Woodland - Offsite Hardwood Modifier 1 4502 - Foricka Longled Fine Sandhill - Open Understory Modifier 1	4329 - Southern Piedmont Dry Oak-(Pine) Forest	0
433- West Gulf Coastal Plain Pine-Hardwood Forest 0 4333 - Acadian Low-Elevation Spruce-Fir-Hardwood Forest 0 4334 - Southern Ridge and Valley Dry Calcareous Forest 0 4335 - Central Appalachian Pine-Oalk Rocky Woodland 0 4336 - West Gulf Coastal Plain Sandhill Oak and Shorteler Pine Forest and Woodland 0 4337 - Northern Crowley's Ridge Sand Forest 0 4338 - Worth Pacific Lowland Mixed Hardwood-Confier Forest and Woodland 0 4337 - Northern Crowley's Ridge Sand Forest 0 4401 - Southern and Central Appalachian Cove Forest and Woodland 0 4402 - South-Central Interior Mesophytic Forest 0 4403 - Atlantic Coastal Plain Mesic Hardwood And Mixed Forest 0 4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 0 4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 0 4501 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 1 4502 - Fiorida Longleaf Pine Sandhill - Open Understory Modifier 1	4330 - Central Appalachian Oak and Pine Forest	0
433 - Acadian Low-Elevation Spruce-Fir-Hardwood Forest 0 434 - Southern Ridge and Valley Dry Calcareous Forest 0 435 - Central Appalachian Prine-Oak Rocky Woodland 0 436 - West Guif Coastal Plain Sandhill Oak and Shortleaf Prine Forest and Woodland 0 437 - Northern Crowley's Ridge Sand Forest 0 4383 - Wosth Pacific Lowland Mixed Hardwood-Conifer Forest and Woodland 0 4381 - Wosthern and Central Appalachian Cove Forest 0 4401 - Souther and Central Appalachian Cove Forest 0 4402 - South- Central Interior Mesophytic Forest 0 4403 - Atlantic Coastal Plain Mesic Hardwood and Mixed Forest 0 4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 0 4501 - East Guif Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 0 4502 - Florida Longleaf Pine Sandhill - Open Understory Modifier 1	4331 - Appalachian Hemlock-Hardwood Forest	0
434 - Southern Ridge and Valley Dry Calcareous Forest 4355 - Central Appalachian Pine-Oak Rocky Woodland 4356 - West Gulf Coastal Plain Sandhill Oak and Shortleaf Pine Forest and Woodland 4357 - Northern Crowley's Ridge Sand Forest 4357 - Northern Crowley's Ridge Sand Forest 4358 - North Pacific Lowland Mixed Hardwood-Conifer Forest and Woodland 4358 - North Pacific Lowland Mixed Hardwood-Conifer Forest and Woodland 4401 - Southern and Central Appalachian Cove Forest 4402 - South-Central Interior Mesophytic Forest 4403 - Atlantic Coastal Plain Mesic Hardwood and Mixed Forest 4404 - Mediterranean California Mesic Serpentine Woodland Chaparral 4404 - Mediterranean California Mesic Serpentine Woodland Chaparral 4501 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4502 - Florida Longleaf Pine Sandhill - Open Understory Modifier	4332 - West Gulf Coastal Plain Pine-Hardwood Forest	0
4335 - Central Appalachian Pine-Oak Rocky Woodland 4336 - West Gulf Coastal Plain Sandhill Oak and Shortleaf Pine Forest and Woodland 4337 - Northern Crowley's Ridge Sand Forest 4338 - North Pacific Lowland Mixed Hardwood-Conifer Forest and Woodland 4338 - North Pacific Lowland Mixed Hardwood-Conifer Forest and Woodland 4339 - North Pacific Lowland Mixed Hardwood-Conifer Forest and Woodland 4401 - Southern and Central Appalachian Cove Forest 4402 - South-Central Interior Mesophytic Forest 4403 - Atlantic Coastal Plain Mesic Hardwood and Mixed Forest 4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 4501 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4502 - Florida Longleaf Pine Sandhill - Open Understory Modifier	4333 - Acadian Low-Elevation Spruce-Fir-Hardwood Forest	0
4336 - West Gulf Coastal Plain Sandhill Oak and Shortleaf Pine Forest and Woodland 4337 - Northern Crowley's Ridge Sand Forest 4338 - North Pacific Lowland Mixed Hardwood-Conifer Forest and Woodland 4338 - North Pacific Lowland Mixed Hardwood-Conifer Forest and Woodland 401 - Southern and Central Appalachian Cove Forest 402 - South-Central Interior Mesophytic Forest 403 - Atlantic Coastal Plain Mesic Hardwood and Mixed Forest 404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 404 - Mediterranean California Mesic Serpentine Woodland - Offsite Hardwood Modifier 405 - Florida Longleaf Pine Sandhill - Open Understory Modifier 406 - Florida Longleaf Pine Sandhill - Open Understory Modifier	4334 - Southern Ridge and Valley Dry Calcareous Forest	0
4337 - Northern Crowley's Ridge Sand Forest 4337 - Northern Crowley's Ridge Sand Forest 4338 - North Pacific Lowland Mixed Hardwood-Conifer Forest and Woodland 4001 - Southern and Central Appalachian Cove Forest 4002 - South- Central Interior Mesophytic Forest 4003 - Atlantic Coastal Plain Mesic Hardwood and Mixed Forest 4004 - Mediterranean California Mesic Serpentine Woodland and Chaparral 4004 - Mediterranean California Mesic Serpentine Woodland - Offsite Hardwood Modifier 4005 - Florida Longleaf Pine Sandhill - Open Understory Modifier 4006 - South-Central Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4007 - South-Central Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4008 - South-Central Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4009 - South-Central Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4009 - South-Central Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4009 - South-Central Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4009 - South-Central Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4009 - South-Central Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4009 - South-Central Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	4335 - Central Appalachian Pine-Oak Rocky Woodland	0
4338 - North Pacific Lowland Mixed Hardwood-Conifer Forest and Woodland 4401 - Southern and Central Appalachian Cove Forest 4402 - South-Central Interior Mesophytic Forest 4403 - Atlantic Coastal Plain Mesic Hardwood and Mixed Forest 4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 4404 - Mediterranean California Mesic Serpentine Woodland - Offsite Hardwood Modifier 4501 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4502 - Florida Longleaf Pine Sandhill - Open Understory Modifier 10	4336 - West Gulf Coastal Plain Sandhill Oak and Shortleaf Pine Forest and Woodland	0
4401 - Southern and Central Appalachian Cove Forest 4402 - South-Central Interior Mesophytic Forest 4403 - Atlantic Coastal Plain Mesic Hardwood and Mixed Forest 4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 4404 - Mediterranean California Mesic Serpentine Woodland - Offsite Hardwood Modifier 4501 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4502 - Florida Longleaf Pine Sandhill - Open Understory Modifier 503 - Hordia Longleaf Pine Sandhill - Open Understory Modifier	4337 - Northern Crowley's Ridge Sand Forest	0
4402 - South-Central Interior Mesophytic Forest 4402 - South-Central Interior Mesophytic Forest 4403 - Atlantic Coastal Plain Mesic Hardwood and Mixed Forest 4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 4501 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4502 - Florida Longleaf Pine Sandhill - Open Understory Modifier 503 - Horida Longleaf Pine Sandhill - Open Understory Modifier	4338 - North Pacific Lowland Mixed Hardwood-Conifer Forest and Woodland	0
4403 - Atlantic Coastal Plain Mesic Hardwood and Mixed Forest 4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 4501 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4502 - Florida Longleaf Pine Sandhill - Open Understory Modifier 11	4401 - Southern and Central Appalachian Cove Forest	0
4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral 4004 - Mediterranean California Mesic Serpentine Woodland and Chaparral 4501 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 4502 - Florida Longleaf Pine Sandhill - Open Understory Modifier 1 1	4402 - South-Central Interior Mesophytic Forest	0
4501 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier 1 4502 - Florida Longleaf Pine Sandhill - Open Understory Modifier 1	4403 - Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	1
4502 - Florida Longleaf Pine Sandhill - Open Understory Modifier 1	4404 - Mediterranean California Mesic Serpentine Woodland and Chaparral	0
	4501 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Offsite Hardwood Modifier	1
4503 - Florida Longleaf Pine Sandhill - Scrub/Shrub Understory Modifier 1	4502 - Florida Longleaf Pine Sandhill - Open Understory Modifier	1
	4503 - Florida Longleaf Pine Sandhill - Scrub/Shrub Understory Modifier	1

Season	Year Round
Region*	SE
Map Unit	
4504 - Atlantic Coastal Plain Fall-Line Sandhills Longleaf Pine Woodland - Loblolly Modifier	1
4505 - Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Open Understory Modifier	1
4506 - Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Scrub/Shrub Understory Modifier	0
4507 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Loblolly Modifier	1
4508 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Open Understory Modifier	1
4509 - East Gulf Coastal Plain Interior Upland Longleaf Pine Woodland - Scrub/Shrub Modifier	1
4510 - Northern Rocky Mountain Western Larch Savanna	0
4511 - Central and Southern California Mixed Evergreen Woodland	0
4512 - Colorado Plateau Pinyon-Juniper Woodland	0
4513 - Columbia Plateau Western Juniper Woodland and Savanna	0
4514 - Great Basin Pinyon-Juniper Woodland	0
4515 - Inter-Mountain Basins Subalpine Limber-Bristlecone Pine Woodland	0
4516 - Klamath-Siskiyou Lower Montane Serpentine Mixed Conifer Woodland	0
4517 - Klamath-Siskiyou Upper Montane Serpentine Mixed Conifer Woodland	0
4518 - Madrean Pinyon-Juniper Woodland	0
4519 - Mediterranean California Dry-Mesic Mixed Conifer Forest and Woodland	0
4520 - California Montane Jeffrey Pine-(Ponderosa Pine) Woodland	0
4521 - Mediterranean California Subalpine Woodland	0
4522 - North Pacific Maritime Dry-Mesic Douglas-fir-Western Hemlock Forest	0
4523 - North Pacific Mountain Hemlock Forest	0
4524 - Northern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest	0
4525 - Northern Rocky Mountain Subalpine Woodland and Parkland	0
4526 - Rocky Mountain Foothill Limber Pine-Juniper Woodland	0
4527 - Rocky Mountain Lodgepole Pine Forest	0
4528 - Southern Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest and Woodland	0
4529 - Northern Rocky Mountain Ponderosa Pine Woodland and Savanna	0
4530 - Southern Rocky Mountain Ponderosa Pine Woodland	0
4531 - Rocky Mountain Subalpine Dry-Mesic Spruce-Fir Forest and Woodland	0
4532 - Rocky Mountain Subalpine-Montane Limber-Bristlecone Pine Woodland	0
4533 - Sierra Nevada Subalpine Lodgepole Pine Forest and Woodland	0
4534 - Southern Rocky Mountain Pinyon-Juniper Woodland	0
4535 - Boreal Jack Pine-Black Spruce Forest	0

Season	Year Round
Region*	SE
Map Unit	
4536 - Atlantic Coastal Plain Upland Longleaf Pine Woodland	1
4537 - Southern Appalachian Montane Pine Forest and Woodland	0
4538 - Southern Appalachian Low Mountain Pine Forest	0
4539 - Northeastern Interior Pine Barrens	0
4540 - Northern Atlantic Coastal Plain Pitch Pine Barrens	0
4541 - East-Central Texas Plains Pine Forest and Woodland	0
4542 - Laurentian Jack Pine-Red Pine Forest	0
4543 - Middle Rocky Mountain Montane Douglas-fir Forest and Woodland	0
4544 - Rocky Mountain Poor-Site Lodgepole Pine Forest	0
4545 - California Coastal Closed-Cone Conifer Forest and Woodland	0
4546 - Sierran-Intermontane Desert Western White Pine-White Fir Woodland	0
4547 - North Pacific Dry-Mesic Silver Fir-Western Hemlock-Douglas-fir Forest	0
4548 - Northwestern Great Plains - Black Hills Ponderosa Pine Woodland and Savanna	0
4549 - Ozark-Ouachita Shortleaf Pine-Bluestem Woodland	0
4550 - East Cascades Oak-Ponderosa Pine Forest and Woodland	0
4551 - Acadian-Appalachian Montane Spruce-Fir Forest	0
4552 - North Pacific Wooded Volcanic Flowage	0
4553 - Atlantic Coastal Plain Fall-line Sandhills Longleaf Pine Woodland - Offsite Hardwood Modifier	1
4601 - California Coastal Redwood Forest	0
4602 - East Cascades Mesic Montane Mixed-Conifer Forest and Woodland	0
4603 - Mediterranean California Mesic Mixed Conifer Forest and Woodland	0
4604 - North Pacific Hypermaritime Sitka Spruce Forest	0
4605 - North Pacific Maritime Mesic Subalpine Parkland	0
4606 - North Pacific Maritime Mesic-Wet Douglas-fir-Western Hemlock Forest	0
4607 - North Pacific Mesic Western Hemlock-Silver Fir Forest	0
4608 - Northern California Mesic Subalpine Woodland	0
4609 - Northern Rocky Mountain Mesic Montane Mixed Conifer Forest	0
4610 - Southern Rocky Mountain Mesic Montane Mixed Conifer Forest and Woodland	0
4611 - Rocky Mountain Subalpine Mesic Spruce-Fir Forest and Woodland	0
4612 - Central and Southern Appalachian Spruce-Fir Forest	0
4613 - North Pacific Hypermaritime Western Red-cedar-Western Hemlock Forest	0
5101 - Mediterranean California Alpine Fell-Field	0

Region* 5.00 Nay 1011 1.00 12012 1.00 <th>Season</th> <th>Year Round</th>	Season	Year Round
1982 1982	Region*	SE
SIGN- Rocky Mourant Ajou Danis Horizon Moulant and Heribriumnia 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Map Unit	
SIGN- Rocky Mourant Ajou Danis Horizon Moulant and Heribriumnia 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	F400 Neath Design Day and Marie Alaine Design Churchland Fall Enid and Mandau	0
150 - Socky Note stank Aprile Third Spill South Aprile Third Spill South Appired Insight Part Park 0 0 150 - Auster Appired Insight Part Park 0 0 150 - March Appired Insight Part Park 0 0 150 - Auster Appired Insight Part Park 0 0 150 - Auster Appired Insight Part Park 0 0 150 - Auster Appired Insight Park Park Park Park Park Park Park Park		
505 - Ansdern Appelatrian Appelatrian Sprinker Burkhard 0 505 - Ansdern Appelatrian Appelatrian Sprinker Burkhard 0 505 - Ansdern Appelatrian Appelatrian Sprinker Burkhard 0 507 - Ansdern Appelatrian Appelatrian Appelatrian Subspire Wooder dark Burkhard 0 507 - Ansdern Appelatrian Appel		
513. North Pach Katalande Chata Shrabida 6 5137. Askalan Agapitatin skalajak Woodand and skalah Kurmbrid 6 5138. Norther Roday Mondarin skalajak Woodand and skalah Kurmbrid 6 5139. Olivaharan Roday Mondarin Askalah Kurmbrid 6 5130. Olivaharan Kurbard Chata Shrabida 6 5130. Olivaharan Roday Mondarin Askalah Kurt Strub 6 5131. Olivaharan Shalah Kurbard Chata Shrabida 6 5132. Olivaharan Shalah Kurbard Shala		
507 - Anadro- Angelickian Stellejiten Worderlick Worderlick Worderlick Worderlick Strakfard 0 5010 - Orberhen Rody Worderlick Worderlick Strakfard 0 5011 - Orberhen Rody Worderlick Worderlick Strakfard 0 5012 - Orberhen Rody Worderlick Worderlick Strakfard 0 5012 - Orberhen Rody Worderlick Worderlick Strakfard 0 5013 - Orberhande Stand Elbert Strakfard 0 5014 - Orberhande Stand Elbert Strakfard 0 5015 - Horderlick Stand Bereit Strakfard 0 5016 - Horderlick Stand Bereit Strakfard 0 5017 - Strakfard Stand Bereit Strakfard 0 5018 - Horderlick Stand Bereit Strakfard 0 5019 - Strakfard Michael Stand Bereit Strakfard 0 5019 - Strakfard Michael Stand Bereit Strakfard 0 5019 - Strakfard Michael Stand Bereit Strakfard 0 5019 - Strakfard Alberter Strakfard Strakfard 0 5019		
SSR Northern Rody Moderbian Ankarsher Man Shriband 0 5021 Orbahan An Grosstobath, Minder Deart and Then Strub 0 5022 Orbahan An Minder Sharbert Strub 0 5023 Orbahan An Sharbert Strub 0 5024 Orbahan An Sharbert Strub 0 5025 Orbahan An Sharbert Strub 0 5026 Orbahan Sharbert Strub 0 5026 Orbahan Sharbert Strub 0 5026 Majar Mider Best Sharbert Strub 0 5027 Struct Andrahan Basian Minder Deart Strub 0 5028 Sharper Minder Best Sharbert Strub 0 5029 Struct Minder Deart Strub 0 5029 Struct Minder Deart Strub 0 5020 Struct Minder Deart Strub 0 5021 Agarbert Collected Strub 0 5022 Struct Minder Deart Strub 0 5023 Struct Minder Deart Strub 0 5024 Strubstan Minder Deart Strub 0 5025 Strubstan Minder Deart Strub 0 5026 Strubstan Minder Deart Strub 0 5027 Strubstan Minder Deart Strub 0 5028 Strubstan Minder Deart Strub 0 5029 Strubstan Minder Deart Strub		
521 - Orlunhan Nieder Seit besteht sinde 0 5222 - Orlunhan Nieder Sind Deue and Smill Richtung 0 5223 - Orlunhan Nieder Sind Deue and Smill Richtung 0 5223 - Orlunhan Nieder Sind Deue and Smill Richtung 0 5224 - Orlunhan Nieder Sind Deuer strüch 0 5224 - Die Herr-Nieder sind Busin Nieder Sind Deuer Strüch 0 5225 - Inter-Nieder Sind Deuer Strüch 0 5226 - Inter-Nieder Sind Busin Nieder Sind Deuer Strüch 0 5226 - Inter-Nieder Sind Deuer Strüch 0 5227 - Sonzen Anfeiger Verosofelschrift Wichte Bursing Deuer Strüch 0 5228 - Sonzen Anfeiger Verosofelschrift Wichte Bursing Deuer Strüch 0 5220 - Sonzen Anfeiger Vertreich Sind 0 5221 - Sonzen Anfeiger Vertreich Strüch 0 5222 - Orlunhan Nieder Deuer Strüch 0 5223 - Orlunhan Nieder Deuer strüch 0 5224 - Farreningen Nieder Deuer Strüch 0 5224 - Farreningen Nieder Deuer Strüch 0 5224 - Farreningen Nieder Deuer Strück 0 5224 - Farreningen Nieder Deuer Strück 0 5224 - Farreningen Nieder Deuer Strück 0 5224 - Farren	5107 - Acadian-Appalachian Subalpine Woodland and Heath-Krummholz	0
528- Ghaham Mindisat Beneris rub 6 529- Ghaham Sabilited Copieto bra end Sard list Srub 6 520- Ghaham Sabilited Copieto bra end Sard list Srub 6 520- Ghaham Sabilited Copieto bra end Sard list Srub 6 520- Ghaham Sabilited Copieto bra end Sard list Srub 6 520- Ghaping Midel Sabit Merd Sabit Brast Srub 6 520- Ghaping Midel Sabit Brast Srub 6 520- South Majar Cossobila Mille Brast Srub 6 520- South Midel Sabit Brast Srub 6 520- South Midel Sabit Brast Srub 6 521- South Midel Sabit Brast Srub 6 521- South Mindiferria Grant Srub 6 521- Francis Inform Such State 6 <td>5108 - Northern Rocky Mountain Avalanche Chute Shrubland</td> <td>0</td>	5108 - Northern Rocky Mountain Avalanche Chute Shrubland	0
503 - Ghitahan Sabilited Copple Dunand Sand Flat Srub 0 504 - Chilunhan Succident Desert Srub 0 505 - Hirra Mountain Basin Miled Salt Desert Srub 0 507 - Morra Mountain Basin Miled Salt Desert Srub 0 507 - Soora Andraw Miled Desert Srub 0 508 - Soora Andraw Miled Desert Srub 0 509 - Soora Andraw Miled Salt Desert Srub 0 509 - Soora Andraw Miled Desert Srub 0 510 - Soora Andraw Miled Desert Srub 0 521 - Soora Andraw Miled Desert Srub 0 522 - Soora Andraw Miled Desert Srub 0 523 - Soora Miled Pentitron Desert Srub 0 524 - Soora Miled Desert Andraw Miled Desert Srub 0 525 - Soora Miled Desert Andraw Miled Desert Andraw 0 524 - Soora Palaw Miled Desert Andraw 0 525 - Soora Palaw Miled Desert Andraw 0 526 - Soora Palaw Miled Desert Andraw 0 527 - Tomasilgan Miled Desert Andraw 0 528 - Tomasilgan Miled Desert Andraw 0 529 - Tomasilgan Miled Desert Andraw 0 521 - Tomasilgan Miled Desire Strub 0 522 - Tom	5201 - Chihuahuan Creosotebush, Mixed Desert and Thorn Scrub	0
5204 - Ohlumbam Sisculeirt Desirt Strüß 0 5205 - Inter Mountain Bistin Mixed Six Deiert Strüß 0 5205 - Inter Mountain Bistin Mixed Six Deiert Strüß 0 5207 - Sonze - Michiger Mixed Eventisch Mixed Besett Strüß 0 5207 - Sonze - Michiger Mixed Six Deiert Scrüß 0 5208 - Sonze - Michiger Mixed Six Deiert Scrüß 0 5209 - Sonze in Mixed Bevertisch Deiert Scrüß 0 5210 - Sonze in Mixed Bevertisch Deiert Scrüß 0 5211 - Sonze in Mixed Bevertisch Deiert Scrüß 0 5212 - Sonze in Mixed Bevertisch Deiert Scrüß 0 5213 - Sonze in Mixed Bevertisch Mixed Six Deiert Scrüß 0 5214 - Sonze in Mixed Bevertisch Deiert Scrüß 0 5212 - Sonze in Mixed Bevertisch Mixed Six Deiert Scrüß 0 5213 - Sonze in Mixed Deiert Scrüß 0 5214 - Fortisch Perinsub Infand Scrüß 0 5215 - Fortisch Perinsub Infand Scrüß 0 5216 - Fortisch Perinsub Infand Scrüß 0 5216 - Fortisch Perinsub Infand Scrüß 0 5217 - Fortisch Perinsub Infand Scrüß 0 5218 - Fortisch Perinsub Infand Scrüß 0 5219 - Fortisch Perin	5202 - Chihuahuan Mixed Salt Desert Scrub	0
526: Inter-Mountain Basins Mierd Salt Disert Scrub 0 526: Miglawe Mide Slevation Miked Desert Scrub 0 526: Onton-Miglawe Miked Slevation Miked Desert Scrub 0 526: Sonora-Miglawe Miked Salt Desert Scrub 0 520: Sonora-Miglawe Miked Salt Desert Scrub 0 521: Apphreian-Chillruchan Mesquite Upland Scrub 0 521: Apphreian-Chillruchan Mesquite Upland Scrub 0 521: Apphreian-Chillruchan Miked Desert Scrub 0 521: A Sonoran Pallowerde-Miked Cact Desert Scrub 0 521: A Sonoran Pallowerde-Miked Cact Desert Scrub 0 521: A Sonoran Pallowerde-Miked Desert Scrub 0 521: A Tamadijan Miked Desert Scrub 0 521: A Tamadijan Mesquite Upland Scrub 0 521: A Tamadijan Mesquite Upland Scrub 0 522: A Tamadi	5203 - Chihuahuan Stabilized Coppice Dune and Sand Flat Scrub	0
5206 - Majawa Midel Elevation Mixed Desert Scrub 0 5207 - Sonora-Majawa Cheosotebush-White Bursage Desert Scrub 0 5208 - Sonora-Majawa Mixed Salah Desert Scrub 0 5209 - Sonoran Midel Elevation Desert Scrub 0 5210 - Sonoran Midel Elevation Desert Scrub 0 5210 - Sonoran Midel Elevation Desert Scrub 0 5211 - Agadewiran Chilinahuan Mengale Upland Scrub 0 5212 - Ohinahuan Miked Desert and Thorn Scrub 0 5213 - Sonoran Palawerde-Miked Cald Desert Scrub 0 5214 - Fordiada Indiand Scrub 0 5215 - Tamadipan Mixed Desert Scrub 0 5216 - Tamadipan Mixed Desert Scrub 0 5217 - Tamadipan Mixed Desert Scrub 0 5218 - Tamadipan Mixed Desert Scrub 0 5219 - Tamadipan Mixed Desert Scrub 0 5210 - Tamadipan Mixed Desert Orient Mixed Scrub 0 5210 - Tamadipan Mixed Desert Orient Mixed Scrub 0 5210 - Tamadipan Mixed Desert Orient Mixed Scrup 0 5210 - Verbern Cest Mixed Scrub Scrub 0 5210 - Verbern Gest Mixed Scrub Scrub 0 5210 - Verbern Gest Mixed Scrub Scrub 0	5204 - Chihuahuan Succulent Desert Scrub	0
527 - Sonor - Mojave Cresorbebin- White Burage Desert Scrub 0 528 - Sonor - Mojave Mixed Sait Desert Scrub 0 529 - Sonora Midd-Elevation Desert Scrub 0 5210 - Sondher California Coastal Scrub 0 5211 - Sondherian Chibanham Misequite Upland Scrub 0 5212 - Sondherian Chibanham Misequite Upland Scrub 0 5212 - Horizola Desert Scrub 0 5213 - Sonora na Nider Desert scrub 0 5214 - Florida Peninsula Indiand Scrub 0 5215 - Tamasulipan Mixequite Upland Scrub 0 5216 - Tamasulipan Mixequite Upland Scrub 0 5217 - Tamasulipan Mixequite Upland Scrub 0 5218 - Tamasulipan Mixequite Upland Scrub 0 5219 - Tamasulipan Calerreous Thorrescrub 0 5210 - Victorian Calerra	5205 - Inter-Mountain Basins Mixed Salt Desert Scrub	0
528 Sonora Mided Salt Desert Scrub 0 529 Sonora Mided Elevation Desert Scrub 0 5210 Southern California Coastal Scrub 0 5211 Agacherian-Chibuahuan Mesepate Upland Scrub 0 5212 Chibuahuan Mikeed Desert and Thorn Scrub 0 5213 Sonoran Paloverde-Mikeed Cacil Desert Scrub 0 5214 Florida Peninsula Inland Scrub 0 5216 Tamalujan Mikeed Dedekous Thornscrub 0 5216 Tamalujan Mikeed Dedekous Thornscrub 0 5216 Tamalujan Mesepate Upland Scrub 0 5216 Tamalujan Mesepate Upland Scrub 0 5216 Tamalujan Mikeed Dedokusa Thornscrub 0 5217 Tamalujan Mesepate Upland Scrub 0 5218 Northern Rodifornia Coastal Scrub 0 5219 Tamalujan Mesepate Upland Scrub 0 5219 Tamalujan Mesepate Upland Scrub 0 5210 Tamalujan Mesepate Upland Scrub 0 5219 Tamalujan Mikeed Dedukusa Thornscrub	5206 - Mojave Mid-Elevation Mixed Desert Scrub	0
SODP - SODRA MIKE Elevation Desert Scrub 0 5210 - Southern California Coastal Scrub 0 5211 - Agacherian Chikuahuan Mesquite Upland Scrub 0 5212 - Chikuahuan Miked Desert and Thorn Scrub 0 5213 - Sonoran Paloverde-Miked Cacil Desert Scrub 0 5214 - Florida Ferinsula Inland Scrub 0 5215 - Tamaulijan Miked Desiduour Thornscrub 0 5216 - Famaulijan Mesquite Upland Scrub 0 5217 - Tamaulijan Miked Desiduour Thornscrub 0 5218 - Northern California Coastal Scrub 0 5219 - Hornia Lipan Mesquite Upland Scrub 0 5217 - Tamaulijan Mesquite Upland Scrub 0 5218 - Northern California Coastal Scrub 0 5219 - Hornia Carla Scrub 0 5210 - Western Great Plains Sandhill Steppe 0 5210 - Vestern Rocky Mountain Footbill Confer Wooded Steppe 0 5210 - Albahuan Oypophikus Grassland and Steppe 0 5210 - Columbia Plateau Steppe and Grassland 0 5210 - Columbia Plateau Steppe and Grassland 0	5207 - Sonora-Mojave Creosotebush-White Bursage Desert Scrub	0
521- Southern California Coastal Scrub 0 5211- Apacherian-Chihuahuan Mesquite Upland Scrub 0 5212- Chihuahuan Miked Desert and Thorn Scrub 0 5213- Sonoran Paloverde-Miked Calci Desert Scrub 0 5214- Florida Peninsula Inland Scrub 0 5215- Tamsulipan Miked Dediducus Thornscrub 0 5216- Tamsulipan Mesquite Upland Scrub 0 5217- Tamsulipan Calcareous Thornscrub 0 5218- Northern California Coastal Scrub 0 5219- Northern California Coastal Scrub 0 5301 - Western Great Plains Sandhill Steppe 0 5302 - Northern Roddy Mountain Foothil Confier Wooded Steppe 0 5303 - Apacherian-Chihuahuan Semi-Desert Grassland and Steppe 0 5304 - Chihuahuan Gypsophilous Grassland and Steppe 0 5305 - Columbia Platasu Steppe and Grassland 0 5306 - Columbia Platasu Usoy Segerush Steppe 0	5208 - Sonora-Mojave Mixed Salt Desert Scrub	0
5211- Agacherian-Chihuahuan Mesquite Upland Scrub 0 5212- Chihuahuan Mixed Desert and Thorn Scrub 0 5213- Sonoran Paloverde-Mixed Cacti Desert Scrub 0 5214- Florida Peninsula Inland Scrub 1 5215- Tamaulipan Mixed Dedduous Thornscrub 0 5216- Tamaulipan Mesquite Upland Scrub 0 5217- Tamaulipan Calcareous Thornscrub 0 5218- Northern California Coastal Scrub 0 5301 - Western Great Plains Sandhill Stappe 0 5302 - Northern Rocky Mountain Foothill Conifer Wooded Steppe 0 5303 - Apacherian-Chihuahuan Semi-Desert Grassland and Steppe 0 5304 - Chihuahuan Cyysophilous Grassland 0 5305 - Columbia Plateau Steppe and Grassland 0 5306 - Columbia Plateau Lux Sagebrush Steppe 0	5209 - Sonoran Mid-Elevation Desert Scrub	0
5212 - Chilhiahuan Miked Desert and Thorn Scrub 0 5213 - Sonoran Palover de-Miked Catcl Desert Scrub 0 5214 - Florida Peninsula Inland Scrub 1 5215 - Tamaulipan Miked Deciduous Thornscrub 0 5216 - Tamaulipan Mesquike Upland Scrub 0 5217 - Tamaulipan Mesquike Upland Scrub 0 5217 - Tamaulipan Calcareous Thornscrub 0 5218 - Northern California Costal Scrub 0 5219 - Western Great Plains Sandhill Steppe 0 5220 - Northern Rocky Mountain Foothill Conifer Wooded Steppe 0 5230 - Apacherian-Chilhahuan Semi-Desert Grassland and Steppe 0 5240 - Chilhahuan Oysophilus Grassland and Steppe 0 5250 - Columbia Plateau Steppe and Grassland 0 5260 - Columbia Plateau Steppe and Grassland 0	5210 - Southern California Coastal Scrub	0
5213 - Sonoran Paloverde-Mixed Cacid Desert Scrub 0 5214 - Florida Peninsula Inland Scrub 1 5215 - Tamaulipan Mixed Deciduous Thornscrub 0 5216 - Tamaulipan Mesequite Upland Scrub 0 5217 - Tamaulipan Mesequite Upland Scrub 0 5217 - Tamaulipan Cakareous Thornscrub 0 5218 - Northern California Coastal Scrub 0 5301 - Western Great Plains Sandhill Steppe 0 5302 - Northern Rocky Mountain Foothill Conifer Wooded Steppe 0 5303 - Apacherian-Chiluahuan Semi-Desert Grassland and Steppe 0 5304 - Chiluahuan Sypsophilous Grassland and Steppe 0 5305 - Columbia Plateau Steppe and Grassland 0 5305 - Columbia Plateau Usv Sagebrush Steppe 0	5211 - Apacherian-Chihuahuan Mesquite Upland Scrub	0
5214 - Florida Peninsula Inland Scrub 1 5215 - Tamaulipan Mixed Deciduous Thornscrub 0 5216 - Tamaulipan Misequite Upland Scrub 0 5217 - Tamaulipan Colcareous Thornscrub 0 5218 - Northern California Coastal Scrub 0 5218 - Northern California Coastal Scrub 0 5301 - Western Great Plains Sandhill Steppe 0 5302 - Northern Rocky Mountain Foothill Conifer Wooded Steppe 0 5303 - Apacherian-Chihuahuan Semi-Desert Grassland and Steppe 0 5304 - Chihuahuan Gyasophilous Grassland and Steppe 0 5305 - Columbia Plateau Steppe and Grassland 0 5305 - Columbia Plateau Steppe 0	5212 - Chihuahuan Mixed Desert and Thorn Scrub	0
S215- Tamaulipan Mixed Deciduous Thornscrub S216- Tamaulipan Mesquite Upland Scrub S217- Tamaulipan Calcareous Thornscrub S218- Northern California Coastal Scrub S218- Northern Rocky Mountain Foothill Conifer Wooded Steppe S218- Northern Rocky Mountain Foothill	5213 - Sonoran Paloverde-Mixed Cacti Desert Scrub	0
5216-Tamaulipan Mesquite Upland Scrub 5217-Tamaulipan Calcareous Thornscrub 5218-Northern California Coastal Scrub 5218-Northern California Coastal Scrub 5201-Western Great Plains Sandhill Steppe 5302-Northern Rocky Mountain Foothill Conifer Wooded Steppe 5303-Apacherian-Chihuahuan Semi-Desert Grassland and Steppe 5304-Chihuahuan Gypsophilous Grassland and Steppe 5305-Columbia Plateau Steppe and Grassland 5306-Columbia Plateau Low Sagebrush Steppe	5214 - Florida Peninsula Inland Scrub	1
5217 - Tamaulipan Calcareous Thornscrub 5218 - Northern California Coastal Scrub 5218 - Northern California Coastal Scrub 5301 - Western Great Plains Sandhill Steppe 5302 - Northern Rocky Mountain Foothill Conifer Wooded Steppe 5303 - Apacherian-Chihuahuan Semi-Desert Grassland and Steppe 5304 - Chihuahuan Gypsophilous Grassland and Steppe 5305 - Columbia Plateau Steppe and Grassland 5306 - Columbia Plateau Low Sagebrush Steppe 5306 - Columbia Plateau Low Sagebrush Steppe	5215 - Tamaulipan Mixed Deciduous Thornscrub	0
5218 - Northern California Coastal Scrub 501 - Western Great Plains Sandhill Steppe 502 - Northern Rocky Mountain Foothill Conifer Wooded Steppe 503 - Apacherian-Chihuahuan Semi-Desert Grassland and Steppe 504 - Chihuahuan Gypsophilous Grassland and Steppe 505 - Columbia Plateau Steppe and Grassland 506 - Columbia Plateau Low Sagebrush Steppe	5216 - Tamaulipan Mesquite Upland Scrub	0
5301 - Western Great Plains Sandhill Steppe 5302 - Northern Rocky Mountain Foothill Conifer Wooded Steppe 5303 - Apacherian-Chihuahuan Semi-Desert Grassland and Steppe 5304 - Chihuahuan Gypsophilous Grassland and Steppe 5305 - Columbia Plateau Steppe and Grassland 5306 - Columbia Plateau Low Sagebrush Steppe 6301 - Columbia Plateau Low Sagebrush Steppe 7302 - Columbia Plateau Low Sagebrush Steppe	5217 - Tamaulipan Calcareous Thornscrub	0
5302 - Northern Rocky Mountain Foothill Conifer Wooded Steppe 502 - Northern Rocky Mountain Foothill Conifer Wooded Steppe 50303 - Apacherian-Chihuahuan Semi-Desert Grassland and Steppe 504 - Chihuahuan Gypsophilous Grassland and Steppe 505 - Columbia Plateau Steppe and Grassland 506 - Columbia Plateau Low Sagebrush Steppe 507 - Columbia Plateau Low Sagebrush Steppe	5218 - Northern California Coastal Scrub	0
5303 - Apacherian-Chihuahuan Semi-Desert Grassland and Steppe 5304 - Chihuahuan Gypsophilous Grassland and Steppe 5304 - Chihuahuan Gypsophilous Grassland and Steppe 5305 - Columbia Plateau Steppe and Grassland 5306 - Columbia Plateau Low Sagebrush Steppe 60 60 60 60 60 60 60 60 60 60 60 60 60	5301 - Western Great Plains Sandhill Steppe	0
5304 - Chihuahuan Gypsophilous Grassland and Steppe 5305 - Columbia Plateau Steppe and Grassland 5306 - Columbia Plateau Low Sagebrush Steppe 5306 - Columbia Plateau Low Sagebrush Steppe 5306 - Columbia Plateau Low Sagebrush Steppe	5302 - Northern Rocky Mountain Foothill Conifer Wooded Steppe	0
5305 - Columbia Plateau Steppe and Grassland 5306 - Columbia Plateau Low Sagebrush Steppe 0	5303 - Apacherian-Chihuahuan Semi-Desert Grassland and Steppe	0
5306 - Columbia Plateau Low Sagebrush Steppe 0	5304 - Chihuahuan Gypsophilous Grassland and Steppe	0
	5305 - Columbia Plateau Steppe and Grassland	0
5307 - Inter-Mountain Basins Big Sagebrush Steppe 0	5306 - Columbia Plateau Low Sagebrush Steppe	0
	5307 - Inter-Mountain Basins Big Sagebrush Steppe	0

Season	Year Round
Region*	SE
Map Unit	
5308 - Inter-Mountain Basins Montane Sagebrush Steppe	0
5309 - Inter-Mountain Basins Semi-Desert Shrub Steppe	0
5401 - California Maritime Chaparral	0
5402 - California Mesic Chaparral	0
5403 - California Montane Woodland and Chaparral	0
5404 - California Xeric Serpentine Chaparral	0
5405 - Madrean Oriental Chaparral	0
5406 - Great Basin Semi-Desert Chaparral	0
5407 - Mogollon Chaparral	0
5408 - Northern and Central California Dry-Mesic Chaparral	0
5409 - Sonora-Mojave Semi-Desert Chaparral	0
5410 - Southern California Dry-Mesic Chaparral	0
5411 - Coahuilan Chaparral	0
5501 - California Central Valley Mixed Oak Savanna	0
5502 - California Coastal Live Oak Woodland and Savanna	0
5503 - California Lower Montane Blue Oak-Foothill Pine Woodland and Savanna	0
5504 - Southern California Oak Woodland and Savanna	0
5505 - Willamette Valley Upland Prairie and Savanna	0
5506 - North-Central Interior Oak Savanna	0
5507 - North-Central Oak Barrens	0
5508 - Southern Piedmont Glade and Barrens	0
5509 - Nashville Basin Limestone Glade	0
5510 - Cumberland Sandstone Glade and Barrens	0
5511 - Central Appalachian Alkaline Glade and Woodland	0
5512 - Central Interior Highlands Calcareous Glade and Barrens	0
5513 - West Gulf Coastal Plain Catahoula Barrens	0
5514 - West Gulf Coastal Plain Nepheline Syenite Glade	0
5515 - Laurentian Pine-Oak Barrens	0
5516 - Klamath-Siskiyou Xeromorphic Serpentine Savanna and Chaparral	0
5517 - Paleozoic Plateau Bluff and Talus	0
5601 - Colorado Plateau Pinyon-Juniper Shrubland	0
5602 - Atlantic Coastal Plain Xeric River Dune	0

Season	Year Round
Region*	SE
Map Unit	
5603 - Inter-Mountain Basins Juniper Savanna	0
5604 - Madrean Juniper Savanna	0
5605 - Southern Rocky Mountain Ponderosa Pine Savanna	0
5606 - Southern Rocky Mountain Juniper Woodland and Savanna	0
5607 - Great Lakes Alvar	0
5701 - Colorado Plateau Mixed Low Sagebrush Shrubland	0
5702 - Columbia Plateau Scabland Shrubland	0
5703 - Inter-Mountain Basins Mat Saltbush Shrubland	0
5704 - Wyoming Basins Dwarf Sagebrush Shrubland and Steppe	0
5705 - Great Basin Xeric Mixed Sagebrush Shrubland	0
5706 - Inter-Mountain Basins Big Sagebrush Shrubland	0
5707 - Southern Colorado Plateau Sand Shrubland	0
5801 - Southern Appalachian Grass and Shrub Bald - Shrub Modifier	0
5802 - Southern Appalachian Grass and Shrub Bald - Herbaceous Modifier	0
5803 - Colorado Plateau Blackbrush-Mormon-tea Shrubland	0
5804 - North Pacific Montane Shrubland	0
5805 - Northwestern Great Plains Shrubland	0
5806 - Rocky Mountain Lower Montane-Foothill Shrubland	0
5807 - Northern Atlantic Coastal Plain Heathland and Grassland	0
5808 - Northern Rocky Mountain Montane-Foothill Deciduous Shrubland	0
5809 - Rocky Mountain Gambel Oak-Mixed Montane Shrubland	0
5810 - Western Great Plains Mesquite Woodland and Shrubland	0
5811 - Edwards Plateau Limestone Shrubland	0
5812 - Northern Rocky Mountain Subalpine Deciduous Shrubland	0
7101 - Mediterranean California Alpine Dry Tundra	0
7102 - Rocky Mountain Alpine Fell-Field	0
7103 - Rocky Mountain Dry Tundra	0
7104 - North Pacific Alpine and Subalpine Dry Grassland	0
7201 - Mediterranean California Subalpine Meadow	0
7202 - North Pacific Montane Grassland	0
7203 - Northern Rocky Mountain Lower Montane, Foothill and Valley Grassland	0
7204 - Northern Rocky Mountain Subalpine-Upper Montane Grassland	0

Season	Year Round
Region*	SE
Map Unit	
7205 - Rocky Mountain Subalpine-Montane Mesic Meadow	0
7206 - Southern Rocky Mountain Montane-Subalpine Grassland	0
7301 - Eastern Highland Rim Prairie and Barrens - Dry Modifier	0
7302 - Central Mixedgrass Prairie	0
7303 - Chihuahuan Sandy Plains Semi-Desert Grassland	0
7304 - Columbia Basin Foothill and Canyon Dry Grassland	0
7305 - Inter-Mountain Basins Semi-Desert Grassland	0
7306 - Northwestern Great Plains Mixedgrass Prairie	0
7307 - Columbia Basin Palouse Prairie	0
7308 - Western Great Plains Foothill and Piedmont Grassland	0
7309 - Western Great Plains Sand Prairie	0
7310 - Western Great Plains Shortgrass Prairie	0
7311 - Western Great Plains Tallgrass Prairie	0
7312 - North-Central Interior Sand and Gravel Tallgrass Prairie	0
7313 - Arkansas Valley Prairie and Woodland	0
7314 - Northern Tallgrass Prairie	0
7315 - Central Tallgrass Prairie	0
7316 - Southern Blackland Tallgrass Prairie	0
7317 - Southeastern Great Plains Tallgrass Prairie	0
7318 - Florida Dry Prairie	0
7319 - West Gulf Coastal Plain Northern Calcareous Prairie	0
7320 - West Gulf Coastal Plain Southern Calcareous Prairie	0
7321 - East Gulf Coastal Plain Jackson Prairie and Woodland	0
7322 - Tamaulipan Savanna Grassland	0
7323 - Tamaulipan Clay Grassland	0
7324 - South Texas Sand Sheet Grassland	0
7326 - Chihuahuan Loamy Plains Desert Grassland	0
7401 - California Mesic Serpentine Grassland	0
7402 - Great Lakes Wet-Mesic Lakeplain Prairie	0
7501 - California Central Valley and Southern Coastal Grassland	0
7502 - California Northern Coastal Grassland	0
7503 - Atlantic Coastal Plain Southern Dune and Maritime Grassland	0

Season	Year Round
Region*	SE
Map Unit	
7504 - Southwest Florida Dune and Coastal Grassland	0
7505 - Texas-Louisiana Coastal Prairie	0
7505 - Lexas-Louisiana Coastal Prairie 7506 - East Gulf Coastal Plain Dune and Coastal Grassland	0
7507 - Northern Atlantic Coastal Plain Dune and Swale	0
7508 - Central and Upper Texas Coast Dune and Coastal Grassland	0
7509 - South Texas Lomas	0
7510 - South Texas Dune and Coastal Grassland	0
	0
7601 - Southern Appalachian Grass and Shrub Bald	0
7602 - Llano Uplift Acidic Forest, Woodland and Glade	0
7603 - North Pacific Hypermaritime Shrub and Herbaceous Headland 7604 - North Pacific Herbaceous Bald and Bluff	0
8101 - Recently Logged Areas	0
8102 - Disturbed/Successional - Shrub Regeneration	1
8103 - Disturbed/Successional - Grass/Forb Regeneration	1
8104 - Utility Swath - Herbaceous	0
8105 - Successional Shrub/Scrub (Other)	0
8106 - Harvested Forest - Northwestern Conifer Regeneration	0
8107 - Harvested Forest - Shrub Regeneration	1
8108 - Harvested Forest - Grass/Forb Regeneration	1
8201 - Deciduous Plantation	1
8202 - Evergreen Plantation or Managed Pine	0
8203 - Managed Tree Plantation	0
8301 - Recently Burned	0
8302 - Recently Burned Forest	0
8303 - Recently Burned Grassland	0
8304 - Recently Burned Shrubland	0
8401 - Introduced Upland Vegetation - Treed	0
8402 - Introduced Upland Vegetation - Shrub	0
8403 - Introduced Upland Vegetation - Forbland	0
8404 - Introduced Upland Vegetation - Annual Grassland	0
8405 - Introduced Upland Vegetation - Perennial Grassland	0
8406 - Introduced Riparian and Wetland Vegetation	0

Season	Year Round
Region*	SE
Map Unit	
8407 - Introduced Upland Vegetation - Perennial Grassland and Forbland	0
8408 - Modified/Managed Southern Tall Grassland	0
8501 - Disturbed, Non-specific	0
8502 - Recently Chained Pinyon-Juniper Areas	0
8503 - Ruderal Upland - Old Field	0
8504 - Ruderal Wetland	0
9101 - Acadian Salt Marsh and Estuary Systems	0
9102 - North Pacific Maritime Eelgrass Bed	0
9103 - Atlantic Coastal Plain Central Salt and Brackish Tidal Marsh	0
9104 - Atlantic Coastal Plain Indian River Lagoon Tidal Marsh	0
9105 - Atlantic Coastal Plain Embayed Region Tidal Salt and Brackish Marsh	0
9106 - Mississippi Sound Salt and Brackish Tidal Marsh	0
9107 - Mediterranean California Eelgrass Bed	0
9108 - Temperate Pacific Tidal Salt and Brackish Marsh	0
9109 - Atlantic Coastal Plain Northern Tidal Salt Marsh	0
9110 - Florida Big Bend Salt-Brackish Tidal Marsh	0
9201 - Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Taxodium Modifier	1
9202 - Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Bay/Gum Modifier	1
9203 - Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Pine Modifier	1
9204 - Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Nupea Modifier	0
9205 - Southern Coastal Plain Nonriverine Basin Swamp - Okefenokee Clethra Modifier	1
9206 - Atlantic Coastal Plain Clay-Based Carolina Bay Herbaceous Wetland	0
9207 - Atlantic Coastal Plain Peatland Pocosin	1
9208 - Southern Coastal Plain Seepage Swamp and Baygall	1
9209 - West Gulf Coastal Plain Seepage Swamp and Baygall	0
9210 - East Gulf Coastal Plain Tidal Wooded Swamp	1
9211 - Atlantic Coastal Plain Streamhead Seepage Swamp - Pocosin - and Baygall	0
9212 - Central Interior and Appalachian Swamp Systems	0
9213 - Gulf and Atlantic Coastal Plain Swamp Systems	0
9214 - Laurentian-Acadian Swamp Systems	0
9215 - Atlantic Coastal Plain Large Natural Lakeshore	0
9216 - North Pacific Shrub Swamp	0

Season	Year Round
Region*	SE
Map Unit	
9218 - Atlantic Coastal Plain Southern Tidal Wooded Swamp	0
9219 - South Florida Everglades Sawgrass Marsh	0
9220 - Gulf and Atlantic Coastal Plain Tidal Marsh Systems	0
9221 - Great Lakes Coastal Marsh Systems	0
9222 - Central Interior and Appalachian Shrub-Herbaceous Wetland Systems	0
9223 - Floridian Highlands Freshwater Marsh	0
9224 - Laurentian-Acadian Shrub-Herbaceous Wetland Systems	0
9225 - Temperate Pacific Freshwater Aquatic Bed	0
9226 - North Pacific Intertidal Freshwater Wetland	0
9227 - North American Arid West Emergent Marsh	0
9228 - Temperate Pacific Freshwater Emergent Marsh	0
9229 - Great Lakes Freshwater Estuary and Delta	0
9230 - Atlantic Coastal Plain Embayed Region Tidal Freshwater Marsh	0
9231 - Central Florida Herbaceous Seep	0
9232 - Florida Big Bend Fresh-Oligohaline Tidal Marsh	0
9233 - Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	0
9234 - Northern Great Lakes Coastal Marsh	0
9235 - Atlantic Coastal Plain Northern Tidal Wooded Swamp	0
9236 - South Florida Mangrove Swamp	1
9237 - West Gulf Coastal Plain Near-Coast Large River Swamp	0
9238 - South Florida Bayhead Swamp	0
9239 - Southern Coastal Plain Nonriverine Basin Swamp	1
9240 - Northern Atlantic Coastal Plain Basin Swamp and Wet Hardwood Forest	0
9241 - Southern Coastal Plain Herbaceous Seepage Bog	0
9242 - Laurentian-Acadian Freshwater Marsh	0
9243 - Atlantic Coastal Plain Central Fresh-Oligohaline Tidal Marsh	0
9301 - Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Taxodium/Nyssa Modifier	1
9302 - Atlantic Coastal Plain Nonriverine Swamp and Wet Hardwood Forest - Oak Dominated Modifier	1
9303 - Atlantic Coastal Plain Clay-Based Carolina Bay Forested Wetland	0
9304 - Northern Rocky Mountain Conifer Swamp	0
9305 - South Florida Dwarf Cypress Savanna	0
9306 - North Pacific Hardwood-Conifer Swamp	0

Season	Year Round
Region*	SE
Map Unit	
9307 - Northern Pacific Mesic Subalpine Woodland	0
9308 - Laurentian-Acadian Alkaline Conifer-Hardwood Swamp	0
9401 - Atlantic and Gulf Coastal Plain Interdunal Wetland	0
9402 - Great Lakes Wooded Dune and Swale	0
9403 - Inter-Mountain Basins Interdunal Swale Wetland	0
9501 - Boreal Acidic Peatland Systems	0
9502 - North Pacific Bog and Fen	0
9503 - Rocky Mountain Subalpine-Montane Fen	0
9504 - Mediterranean California Subalpine-Montane Fen	0
9505 - Mediterranean California Serpentine Fen	0
9506 - Southern and Central Appalachian Bog and Fen	0
9601 - Northern Atlantic Coastal Plain Pitch Pine Lowland	0
9602 - South Florida Wet Marl Prairie	0
9603 - East Gulf Coastal Plain Savanna and Wet Prairie	0
9604 - Texas Saline Coastal Prairie	0
9605 - Eastern Great Plains Wet Meadow, Prairie, and Marsh	0
9606 - Rocky Mountain Alpine-Montane Wet Meadow	0
9607 - Willamette Valley Wet Prairie	0
9608 - Temperate Pacific Montane Wet Meadow	0
9609 - Columbia Plateau Silver Sagebrush Seasonally Flooded Shrub-Steppe	0
9610 - Chihuahuan-Sonoran Desert Bottomland and Swale Grassland	0
9701 - Lower Mississippi River Bottomland Depressions - Forest Modifier	0
9702 - South Florida Cypress Dome	1
9703 - Southern Coastal Plain Nonriverine Cypress Dome	1
9704 - Northern Rocky Mountain Wooded Vernal Pool	0
9705 - Great Plains Prairie Pothole	0
9706 - Western Great Plains Depressional Wetland Systems	0
9707 - Western Great Plains Open Freshwater Depression Wetland	0
9708 - Columbia Plateau Vernal Pool	0
9709 - Northern California Claypan Vernal Pool	0
9710 - Western Great Plains Closed Depression Wetland	0
9711 - Western Great Plains Saline Depression Wetland	0

Season	Year Round
Region*	SE
Map Unit	
9712 - Central Florida Herbaceous Pondshore	0
9713 - East Gulf Coastal Plain Southern Depression Pondshore	0
9714 - Inter-Mountain Basins Alkaline Closed Depression	0
9715 - Southern Piedmont/Ridge and Valley Upland Depression Swamp	0
9716 - Atlantic Coastal Plain Depression Pondshore	0
9717 - Mississippi River Bottomland Depression	0
9718 - South Florida Freshwater Slough and Gator Hole	0
9801 - Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	1
9802 - Central Appalachian Floodplain - Forest Modifier	0
9803 - Central Appalachian Riparian - Forest Modifier	0
9804 - East Gulf Coastal Plain Large River Floodplain Forest - Forest Modifier	1
9805 - South-Central Interior Large Floodplain - Forest Modifier	0
9806 - Southern Piedmont Large Floodplain Forest - Forest Modifier	0
9807 - East Gulf Coastal Plain Large River Floodplain Forest - Herbaceous Modifier	0
9808 - South-Central Interior Large Floodplain - Herbaceous Modifier	0
9809 - California Central Valley Riparian Woodland and Shrubland	0
9810 - Inter-Mountain Basins Greasewood Flat	0
9811 - North Pacific Lowland Riparian Forest and Shrubland	0
9812 - North Pacific Montane Riparian Woodland and Shrubland	0
9813 - Rocky Mountain Montane Riparian Systems	0
9814 - Western Great Plains Floodplain Systems	0
9815 - Eastern Boreal Floodplain	0
9816 - Tamaulipan Floodplain	0
9817 - Eastern Great Plains Floodplain Systems	0
9818 - Central Interior and Appalachian Floodplain Systems	0
9819 - Central Interior and Appalachian Riparian Systems	0
9820 - Laurentian-Acadian Floodplain Systems	0
9821 - Tamaulipan Riparian Systems	0
9822 - North American Warm Desert Wash	0
9823 - Western Great Plains Floodplain	0
9824 - Northern Rocky Mountain Lower Montane Riparian Woodland and Shrubland	0
9825 - Rocky Mountain Lower Montane Riparian Woodland and Shrubland	0

In Unit 25 Horhwesterin Great Histo Picolatin 25 Horhwesterin Great Histo Picolatin 26 Horhwesterin Great Histo Picolatin 27 Hostiang Michael Great Histo Picolatin 28 Horner Anderson 29 Horner Anderson 29 Horner Anderson 20 Horner Anders	Season	Year Round
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28 - Camberherd Nicerscoar 29 - Cadure A. Pallsows Rigorian 20 - Cadure A. Pallsows Rigorian 20 - Cadure A. Pallsows Rigorian 20 - Cadure A. Pallsows Rigorian 21 - Cadure A. Pallsows Rigorian Woodand and Shrubhard 21 - Cadure A. Pallsows Rigorian Woodand and Shrubhard 22 - Rocky Montanis Asbaigher-Montane Rigorian Woodand and Shrubhard 23 - Cadure A. Pallsows Rigorian Woodand and Shrubhard 24 - North Annorrian Warrian Rocker Rigorian Woodand and Shrubhard 25 - North Annorrian Warrian Rocker Rigorian Woodand and Shrubhard 26 - Annorrian Warrian Rocker Rigorian Woodand and Shrubhard 27 - Rocky Montanis Sabaigher-Montane Rigorian Woodand and Shrubhard 28 - North Annorrian Warrian Rocker Rigorian Woodand and Shrubhard 29 - Rocky Montanis Sabaigher-Montane Rigorian Woodand and Shrubhard 29 - Rocky Montanis Sabaigher-Montane Rigorian Woodand and Shrubhard 20 - Rocky Montanis Sabaigher-Montane Rigorian Woodand and Shrubhard 20 - Rocky Montanis Sabaigher-Montane Rigorian Woodand and Shrubhard 20 - Rocky Montanis Sabaigher-Montane Rigorian Woodand and Shrubhard 20 - Rocky Montanis Sabaigher-Montane Rigorian Woodand and Shrubhard 20 - Rocker Galf Catastal Falls Angel Boroward Rigorian Forest 20 - Rocker Galf Catastal Falls Angel Boroward Rigorian Forest 20 - Rocker Galf Catastal Falls Angel Boroward Rigorian Forest 21 - Sabarder Catastal Falls Angel Boroward Rigorian Forest 22 - Address Catastal Falls Angel Boroward Rigorian Forest 23 - Address Catastal Falls Angel Boroward Rigorian Woodand and Shrubhard 24 - Rocker Catastal Falls Angel Boroward Rigorian Woodand and Shrubhard 25 - Sabarder Catastal Falls Angel Boroward Rigorian Woodand and Shrubhard 26 - Address Catastal Falls Angel Boroward Rigorian Woodand and Shrubhard 27 - Rocker Catastal Falls Angel Boroward Rigorian Woodand and Shrubhard 28 - Rocker Catastal Falls Angel Boroward Rigorian Woodand and Shrubhard 29 - Sabarder Catastal Falls Angel Boroward Rigorian Woodand and Shrubhard 20 - Sabarder Catastal Falls Angel Boroward Rigorian Forest 20 - Sabarder Catastal	9826 - Northwestern Great Plains Floodplain	0
20 - Charles Paties Ulgarian 20 - Charles Earli Footfill Figure In Woodbard and Shrubbard 21 - Good Man Footfill Front In Clare More More Repairs Woodbard and Shrubbard 22 - Rock Modernian Sataspiere More More Repairs Woodbard and Shrubbard 23 - Rock Modernian Sataspiere More More Repairs Woodbard 24 - Rock Modernian Sataspiere More More Repairs Woodbard 25 - Rock Modernian Sataspiere More More Repairs Woodbard 26 - Rock Modernian Sataspiere More More Repairs Woodbard 27 - Rock Modernian Sataspiere More Repairs Woodbard and Shrubbard 28 - Rock Modernian Warr Decert Repairs Woodbard and Shrubbard 29 - Rock Modernian Warr Decert Repairs Woodbard and Shrubbard 20 - Rock Modernian Warr Decert Repairs Woodbard and Shrubbard 20 - Rock Modernian Warr Decert Repairs Woodbard and Shrubbard 20 - Rock Modernian Warr Decert Repairs Woodbard and Shrubbard 20 - Rock Modernian Warr Decert Repairs Woodbard and Shrubbard 20 - Rock Modernian Warr Decert Repairs Woodbard and Shrubbard 20 - Rock Galf Coastal Plain Sanal Shrubbard 21 - Rock Woodbard Sanal Shrubbard 22 - Rock Woodbard 23 - Rock Galf Coastal Plain Sanal Shrubbard 24 - Rock Galf Coastal Plain Sanal Shrubbard 25 - Rock Galf Coastal Plain Sanal Shrubbard 26 - Rock Galf Coastal Plain Sanal Shrubbard 26 - Rock Galf Coastal Plain Sanal Shrubbard 27 - Rock Woodbard 28 - Rock Galf Coastal Plain Sanal Shrubbard 29 - Rock Galf Coastal Plain Sanal Shrubbard 20 - Rock Galf Coastal Plain Sanal Shrubbard 21 - Ro	9827 - Mississippi River Riparian Forest	1
10 - Great Basin Foothil and Lower Montane Riparinan Vecedand and Shrukhard 0 0 0 0 0 0 0 0 0	9828 - Cumberland Riverscour	0
13 - Columbia Basin Feethill Ripper inn Woodland and Shrubbard 0 0 0 0 0 0 0 0 0	9829 - Edwards Plateau Riparian	0
12	9830 - Great Basin Foothill and Lower Montane Riparian Woodland and Shrubland	0
33 - North American Warm Desert Lower Mortane Riparian Woodland and Shrubband 0 34 - North American Warm Desert Riparian Woodland and Shrubband 0 35 - North American Warm Desert Riparian Woodland and Shrubband 0 36 - North American Warm Desert Riparian Woodland and Shrubband 0 37 - Rooty Mooratinis Skalpine Mortane Riparian Shrubband 0 38 - Southern Caestal Ripin Sparial Steam And River Foots 1 38 - Southern Caestal Ripin Sparial Steam And River Foots 0 40 - West Gulf Coastal Ripin Sparial Steam And River Foots 0 40 - West Gulf Coastal Ripin Sparial Brownwester River Footsplain Forest 0 42 - Adustric Coastal Ripin Sparial Brownwester River Footsplain Forest 1 43 - Adustric Coastal Ripin Sparial Brownwester River Footsplain Forest 1 44 - Rod River Large Flootsplain Forest 1 45 - Adustric Coastal Ripin Sparial Brownwester River Footsplain Forest 1 46 - Modeler ranson Californ's Septentine Footsbli and Lower Mortane Riparian Woodland and Seep 0 47 - Northwestern Great Plains Riparian Woodland and Shrubband 0 48 - Western Great Plains Riparian Woodland and Shrubband 0 49 - Western Great Plains Riparian Woodland and Shrubband 0	9831 - Columbia Basin Foothill Riparian Woodland and Shrubland	0
24 North American Warm Desert Riparian Mongahin Boogae	9832 - Rocky Mountain Subalpine-Montane Riparian Woodland	0
15	9833 - North American Warm Desert Lower Montane Riparian Woodland and Shrubland	0
10	9834 - North American Warm Desert Riparian Mesquite Bosque	0
37 - Rocky Mountain Subalpine-Montane Riparian Shrubbind 0 38 - Southern Coastal Plain Hydric Hammook 1 39 - West Gulf Coastal Plain Small Stream and River Foots 0 40 - West Gulf Coastal Plain Large River Floodplain Forest 0 42 - Allantic Coastal Plain Large River Floodplain Forest 1 43 - Allantic Coastal Plain Small Bloowarder River Floodplain Forest 1 44 - Red River Large Floodplain Forest 0 45 - Allantic Coastal Plain Small Bloowarder River Floodplain Forest 0 46 - Mediterra near California Serpentine Foothill and Lower Mortane Riparian Woodland and Seep 0 46 - Mediterra near California Serpentine Foothill and Lower Mortane Riparian Woodland and Seep 0 48 - Western Great Plains Riparian Woodland and Shrubband 0 49 - Mediterra near California Foothill and Lower Mortane Riparian Woodland 0 49 - Mediterra near California Foothill and Lower Mortane Riparian Woodland 0 40 - Mediterra near California Foothill and Lower Mortane Riparian Woodland 0 40 - Mediterra near California Foothill and Lower Mortane Riparian Woodland 0 40 - Western Great Plains Riparian Foothill and Lower Mortane Riparian Woodland 0 40 - South-Contral Interior Small Stream and Riber Foothi	9835 - North American Warm Desert Riparian Woodland and Shrubland	0
1 1 1 1 1 1 1 1 1 1	9836 - Mississippi River Low Floodplain (Bottomland) Forest	0
99 - West Gulf Coastal Plain Small Stream and River Forest 10 - 0 14 - Southern Piedmont Small Floodplain Forest 12 - Astantic Coastal Plain Large River Floodplain Forest 13 - Astantic Coastal Plain Small Blockwater River Floodplain Forest 14 - Southern Piedmont Small Floodplain Forest 15 - Astantic Coastal Plain Small Blockwater River Floodplain Forest 16 - Astantic Coastal Plain Small Blockwater River Floodplain Forest 17 - Astantic Coastal Plain Small Blockwater River Floodplain Forest 18 - Astantic Coastal Plain Small Blockwater River Floodplain Forest 19 - Coastal Plain Small Blockwater River Floodplain Forest 10 - Coastal Plain Small Blockwater River Floodplain Forest 10 - Coastal Plain Small Blockwater River Floodplain Forest 10 - Coastal Plain Small Blockwater River Floodplain Forest 10 - Coastal Plain Small Blockwater River Floodplain Forest 10 - Coastal Plain Small Small River Floodplain Forest 11 - Coastal Plain Riparian Woodland and Stream and Riparian Woodland and Stream and Riparian Forest 12 - Casta Culf Coastal Plain Small Stream and River Floodplain Forest 13 - Casta Culf Coastal Plain Small Stream and River Floodplain Forest 14 - Casta Culf Coastal Plain Small Stream and River Floodplain Forest 15 - Casta Culf Coastal Plain Small Stream and River Floodplain Forest 16 - Casta Culf Coastal Plain Small Stream and River Floodplain Forest 17 - Casta Culf Coastal Plain Blockwater River Floodplain Forest 18 - Casta Culf Coastal Plain Blockwater River Floodplain Forest 19 - Castal Coastal Plain Blockwater River Floodplain Forest 10 - Castal Plain Blockwater River Floodplain Forest 10 - Castal Plain Blockwater River Floodplain Forest 11 - Castal Culf Coastal Plain Blockwater River Floodplain Forest 10 - Castal Plain Blockwater River Floodplain Forest 11 - Castal Culf Coastal Plain Blockwater River Floodplain Forest 19 - Castal Culf Coastal Plain Blockwater River Floodplain Forest 10 - Castal Culf Coastal Plain Blockwater River Floodplain Forest 10 - Castal Culf Coastal P	9837 - Rocky Mountain Subalpine-Montane Riparian Shrubland	0
40 - West Galf Coastal Plain Large River Floodplain Forest 41 - Southern Pledmont Small Floodplain and Riparian Forest 42 - Atlantic Coastal Plain Small Browmwater River Floodplain Forest 43 - Atlantic Coastal Plain Small Blackwater River Floodplain Forest 44 - Red River Large Floodplain Forest 45 - Atlantic Coastal Plain Small Blackwater River Floodplain Forest 46 - Mediterranean California Serpentine Foothil and Lower Montane Riparian Woodland and Seep 47 - Northwestern Great Plains Riparian 48 - Western Great Plains Riparian 49 - Western Great Plains Riparian 49 - Western Great Plains Riparian 40 - Westernanean California Sorbiil and Lower Montane Riparian Woodland and Seep 40 - South-Central Interior Small Stream and Riparian 40 - South-Central Interior Small Stream and Riparian 41 - Seat Galf Coastal Plain Small Birteam and Riparian 42 - Southern Coastal Plain Small Birteam and Riparian 43 - Hessissippi River Floodplain Forest 44 - Western Great Plains Riparian Montane Riparian Systems 45 - Hessissippi River Floodplain and Riparian Systems 46 - Western Riparian Systems 47 - North American Warm Desert Riparian Systems 48 - Western Riparian Systems 49 - Western Riparian Systems 40 - Western Riparian Systems 41 - Western Riparian Systems 41 - Western Riparian Systems 41 - Western Riparian Systems 42 - Western Riparian Systems 43 - Western Riparian Systems 44 - Western Riparian Systems 45 - Western Riparian Systems 46 - Western Riparian Systems 47 - Western Riparian Systems 48 - Western Ripa	9838 - Southern Coastal Plain Hydric Hammock	1
14 - Southern Pickmont Small Floodplain and Riparian Forest 12 - Atlantic Coastal Plain Small Brownwater River Floodplain Forest 13 - Atlantic Coastal Plain Small Blackwater River Floodplain Forest 14 - Red River Large Floodplain Forest 15 - Atlantic Coastal Plain Blackwater River Floodplain Forest 16 - Mediterranean California Serpentine Footbill and Lower Montane Riparian Woodland and Seep 17 - Northwestern Great Plains Riparian Woodland and Strubland 18 - Western Great Plains Riparian Woodland and Strubland 19 - Mediterranean California Footbill and Lower Montane Riparian Woodland 19 - Mediterranean California Footbill and Lower Montane Riparian Woodland 19 - Mediterranean California Footbill and Lower Montane Riparian Woodland 10 - South-Central Interior Small Stream and Riparian 10 - South-Central Interior Small Stream and Riparian 11 - Stat Calif Coastal Plain Small Stream and Riparian Forest 11 - Stat Calif Coastal Plain Small Stream and River Floodplain Forest 11 - Stat Calif Coastal Plain Blackwater River Floodplain Forest 11 - Stat Calif Coastal Plain Blackwater River Floodplain Forest 11 - Stat Calif Coastal Plain Blackwater River Floodplain Forest 12 - Stat Calif Coastal Plain Blackwater River Floodplain Forest 13 - Texas-Louisiana Coastal Plain Blackwater River Floodplain Forest 15 - Inter-Mountain Basins Montane Riparian Systems 10 - California Footbill and Lower Montane Riparian Systems 10 - California Footbill And Lower Montane Riparian Systems 10 - California Footbill And Lower Montane Riparian Systems 10 - California Footbill And Lower Montane Riparian Systems 10 - California Footbill And Lower Montane Riparian Systems 10 - California Footbill And Lower Montane Riparian Systems 10 - California Footbill And Lower Montane Riparian Systems 10 - California Footbill And Lower Montane Riparian Systems 10 - California Footbill And Lower Montane Riparian Systems 10 - California Footbill And Lower Montane Riparian Systems 10 - California Footbill And Lower Montane Riparian Systems 10 - California Footb	9839 - West Gulf Coastal Plain Small Stream and River Forest	0
42 - Atlantic Castal Plain Small Brownwater River Floodplain Forest 43 - Atlantic Castal Plain Small Blackwater River Floodplain Forest 44 - Red River Large Floodplain Forest 45 - Atlantic Castal Plain Brownwater Stream Floodplain Forest 46 - Mediterranean California Serpentine Footbill and Lower Montane Riparian Woodland and Seep 47 - Northwestern Great Plains Riparian 48 - Western Great Plains Riparian Woodland and Shrubland 49 - Mediterranean California Footbill and Lower Montane Riparian Woodland 49 - Mediterranean California Footbill and Lower Montane Riparian Woodland 50 - South-Central Interior Small Stream and Riparian 50 - South-Central Interior Small Stream and Riparian 51 - East Gulf Coastal Plain Small Stream and River Floodplain Forest 52 - Southern Coastal Plain Blackwater River Floodplain Forest 53 - Texas-Louisiana Coastal Plain Blackwater River Floodplain Forest 54 - Mississipp River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 6 - O	9840 - West Gulf Coastal Plain Large River Floodplain Forest	0
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44 - Red River Large Floodplain Forest 45 - Atlantic Coastal Plain Brownwater Stream Floodplain Forest 46 - Mediterranean California Serpentine Foothill and Lower Montane Riparian Woodland and Seep 47 - Northwestern Great Plains Riparian Woodland and Shrubland 48 - Western Great Plains Riparian Woodland and Shrubland 49 - Mediterranean California Foothill and Lower Montane Riparian Woodland 50 - South-Central Interior Small Stream and Riparian 50 - South-Central Interior Small Stream and Riparian 51 - East Gulf Coastal Plain Small Stream and Riparian 52 - Southern Coastal Plain Blackwater River Floodplain Forest 53 - Texas-Louisiana Coastal Prairie Slough 54 - Missispipi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 56 - North American Warm Desert Riparian Systems 57 - On Stream Stream Stream and Riparian Systems 58 - North American Warm Desert Riparian Systems 59 - On Stream	9842 - Atlantic Coastal Plain Small Brownwater River Floodplain Forest	1
45 - Atlantic Coastal Plain Browmeter Stream Floodplain Forest 46 - Mediterranean California Serpentine Foothill and Lower Montane Riparian Woodland and Seep 47 - Northwestern Great Plains Riparian 48 - Western Great Plains Riparian Woodland and Shrubland 49 - Mediterranean California Foothill and Lower Montane Riparian Woodland 50 - South-Central Interior Small Stream and Riparian 50 - South-Central Interior Small Stream and Riparian 51 - East Gulf Coastal Plain Sinall Stream and River Floodplain Forest 52 - Southern Coastal Plain Blackwater River Floodplain Forest 53 - Texas-Louisiana Coastal Prairie Slough 54 - Mississippi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 65 - North American Warm Desert Riparian Systems 6 - On South-Central River Riparian Systems 6 - On South-Central River Floodplain Forest 7 - On South-Central Interior Small Stream and River Floodplain Forest 7 - On South-Central Interior Small Stream and River Floodplain Forest 7 - On South-Central Interior Small Stream and River Floodplain Forest 7 - On South-Central Interior Small Stream and River Floodplain Forest 7 - On South-Central Interior Small Stream and River Floodplain Forest 7 - On South-Central Interior Small Stream and River Floodplain Forest 7 - On South-Central Interior Small Stream and River Floodplain Forest 7 - On South-Central Interior Small Stream and River Floodplain Forest 7 - On South-Central Interior Small Stream and River Floodplain Forest 7 - On South-Central Interior Small Stream and River Floodplain Forest 8 - On South-Central Interior Small Stream and River Floodplain Forest 9 - On South-Central Interior Small Stream and River Floodplain Forest 9 - On South-Central Interior Small Stream and River Floodplain Forest 9 - On South-Central Interior Small Stream and River Floodplain Forest 9 - On South-Central Interior Small Stream and River Floodplain Forest 9 - On South-Central Interior Small Stream and River Floodplain Forest 9 - On South-Central Interior Small Stream and Ri	9843 - Atlantic Coastal Plain Small Blackwater River Floodplain Forest	1
46 - Mediterranean California Serpentine Foothill and Lower Montane Riparian Woodland and Seep 47 - Northwestern Great Plains Riparian 48 - Western Great Plains Riparian Woodland and Shrubland 49 - Mediterranean California Foothill and Lower Montane Riparian Woodland 50 - South-Central Interior Small Stream and Riparian 50 - South-Central Interior Small Stream and Riparian 51 - East Gulf Coastal Plain Blackwater River Floodplain Forest 52 - Southern Coastal Plain Blackwater River Floodplain Forest 53 - Texas-Louisiana Coastal Prairie Slough 54 - Mississippi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 66 - North American Warm Desert Riparian Systems 67 - Woodland and Sparian Systems 68 - North American Warm Desert Riparian Systems 69 - North American Warm Desert Riparian Systems 60 - North American Warm Desert Riparian Systems 61 - North American Warm Desert Riparian Systems 62 - North American Warm Desert Riparian Systems 63 - North American Warm Desert Riparian Systems 64 - Mississippi River Floodplain and Riparian Systems 65 - North American Warm Desert Riparian Systems 65 - North American Warm Desert Riparian Systems 66 - North American Warm Desert Riparian Systems 67 - North American Warm Desert Riparian Systems 68 - North American Warm Desert Riparian Systems 69 - North American Warm Desert Riparian Systems 60 - North American Warm Desert Riparian Systems 61 - North American Warm Desert Riparian Systems 61 - North American Warm Deser	9844 - Red River Large Floodplain Forest	0
47 - Northwestern Great Plains Riparian 48 - Western Great Plains Riparian Woodland and Shrubland 49 - Mediterranean California Foothill and Lower Montane Riparian Woodland 50 - South-Central Interior Small Stream and Riparian 50 - South-Central Interior Small Stream and Riparian 51 - East Gulf Coastal Plain Small Stream and River Floodplain Forest 52 - Southern Coastal Plain Blackwater River Floodplain Forest 53 - Texas-Louisiana Coastal Plain Blackwater River Floodplain Forest 54 - Mississippi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 66 - North American Warm Desert Riparian Systems 67 - North American Warm Desert Riparian Systems 68 - North American Warm Desert Riparian Systems 69 - North American Warm Desert Riparian Systems 60 - North American Warm Desert Riparian Systems 61 - North American Warm Desert Riparian Systems 62 - North American Warm Desert Riparian Systems 63 - North American Warm Desert Riparian Systems 64 - North American Warm Desert Riparian Systems 65 - North American Warm Desert Riparian Systems 65 - North American Warm Desert Riparian Systems 66 - North American Warm Desert Riparian Systems 67 - North American Warm Desert Riparian Systems 68 - North American Warm Desert Riparian Systems 69 - North American Warm Desert Riparian Systems 60 - North American Warm Desert Riparian Systems 61 - North American Warm Desert Riparian Systems 61 - North American Warm Desert Riparian Systems 62 - North American Warm Desert Riparian Systems 63 - North American Warm Desert Riparian Systems 64 - North American Warm Desert Rip	9845 - Atlantic Coastal Plain Brownwater Stream Floodplain Forest	0
48 - Western Great Plains Riparian Woodland and Shrubland 49 - Mediterranean California Foothill and Lower Montane Riparian Woodland 50 - South-Central Interior Small Stream and Riparian 50 - South-Central Interior Small Stream and Riparian 51 - East Gulf Coastal Plain Small Stream and River Floodplain Forest 52 - Southern Coastal Plain Blackwater River Floodplain Forest 53 - Texas-Louisiana Coastal Prairie Slough 54 - Mississippi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 56 - North American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 51 - On the American Warm Desert Riparian Systems 52 - On the American Warm Desert Riparian Systems 53 - On the American Warm Desert Riparian Systems 54 - Western Great Plains Riparian Systems 55 - On the American Warm Desert Riparian Systems 56 - On the American Warm Desert Riparian Systems 57 - On the American Warm Desert Riparian Systems 58 - On the American Warm Desert Riparian Systems 59 - On the American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 50 - On the American Warm Desert Riparian Systems 51 - On the American Warm Desert Riparian Systems 51 - On the American Warm Desert Riparian Systems 52 - On the American Warm Desert Riparian Systems 53 - On the American Warm Desert Riparian Systems 54 - On the American Warm Desert Riparian Systems 55 - On the American Warm Desert Riparian Systems 55 - On the American Warm Desert Riparian Systems 56 - On the American Warm Dese	9846 - Mediterranean California Serpentine Foothill and Lower Montane Riparian Woodland and Seep	0
49 - Mediterranean California Foothill and Lower Montane Riparian Woodland 50 - South-Central Interior Small Stream and Riparian 51 - East Gulf Coastal Plain Small Stream and River Floodplain Forest 52 - Southern Coastal Plain Blackwater River Floodplain Forest 53 - Texas-Louisiana Coastal Prairie Slough 54 - Mississippi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 56 - North American Warm Desert Riparian Systems 50 - Southern Coastal Plain Blackwater River Floodplain and Riparian Systems 50 - North American Warm Desert Riparian Systems 50 - North American Warm Desert Riparian Systems	9847 - Northwestern Great Plains Riparian	0
50 - South-Central Interior Small Stream and Riparian 51 - East Gulf Coastal Plain Small Stream and River Floodplain Forest 52 - Southern Coastal Plain Blackwater River Floodplain Forest 53 - Texas-Louisiana Coastal Prairie Slough 54 - Mississippi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 56 - North American Warm Desert Riparian Systems	9848 - Western Great Plains Riparian Woodland and Shrubland	0
51 - East Gulf Coastal Plain Small Stream and River Floodplain Forest 52 - Southern Coastal Plain Blackwater River Floodplain Forest 53 - Texas-Louisiana Coastal Prairie Slough 54 - Mississippi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 56 - North American Warm Desert Riparian Systems 51 - East Gulf Coastal Plain Small Stream and River Floodplain Forest 52 - Southern Coastal Plain Blackwater River Floodplain Forest 53 - Texas-Louisiana Coastal Prairie Slough 54 - Mississippi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 56 - North American Warm Desert Riparian Systems	9849 - Mediterranean California Foothill and Lower Montane Riparian Woodland	0
52 - Southern Coastal Plain Blackwater River Floodplain Forest 53 - Texas-Louisiana Coastal Prairie Slough 54 - Mississippi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 56 - North American Warm Desert Riparian Systems 50 51 52 - Southern Coastal Plain Blackwater River Floodplain Forest 53 - Texas-Louisiana Coastal Prairie Slough 54 - Mississippi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 56 - North American Warm Desert Riparian Systems	9850 - South-Central Interior Small Stream and Riparian	0
53 - Texas-Louisiana Coastal Prairie Slough 54 - Mississippi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 56 - North American Warm Desert Riparian Systems 0	9851 - East Gulf Coastal Plain Small Stream and River Floodplain Forest	1
54 - Mississippi River Floodplain and Riparian Forest 55 - Inter-Mountain Basins Montane Riparian Systems 56 - North American Warm Desert Riparian Systems 0	9852 - Southern Coastal Plain Blackwater River Floodplain Forest	1
55 - Inter-Mountain Basins Montane Riparian Systems 0 6- North American Warm Desert Riparian Systems 0	9853 - Texas-Louisiana Coastal Prairie Slough	0
56 - North American Warm Desert Riparian Systems 0	9854 - Mississippi River Floodplain and Riparian Forest	0
	9855 - Inter-Mountain Basins Montane Riparian Systems	0
57 - South-Central Interior Large Floodplain	9856 - North American Warm Desert Riparian Systems	0
	9857 - South-Central Interior Large Floodplain	0

Season	Year Round
Region*	SE
Map Unit	
9858 - Ozark-Ouachita Riparian	0
9901 - East Gulf Coastal Plain Jackson Plain Dry Flatwoods - Open Understory Modifier	0
9902 - East Gulf Coastal Plain Near-Coast Pine Flatwoods - Offsite Hardwood Modifier	1
9903 - East Gulf Coastal Plain Near-Coast Pine Flatwoods - Open Understory Modifier	1
9904 - East Gulf Coastal Plain Near-Coast Pine Flatwoods - Scrub/Shrub Understory Modifier	1
9905 - South Florida Pine Flatwoods	1
9906 - Central Atlantic Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	0
9907 - Atlantic Coastal Plain Southern Wet Pine Savanna and Flatwoods	1
9908 - West Gulf Coastal Plain Wet Longleaf Pine Savanna and Flatwoods	0
9909 - Central Florida Pine Flatwoods	1
9910 - East Gulf Coastal Plain Near-Coast Pine Flatwoods	0
9911 - East Gulf Coastal Plain Southern Loblolly-Hardwood Flatwoods	0
9912 - South-Central Interior / Upper Coastal Plain Wet Flatwoods	0
9913 - West Gulf Coastal Plain Pine-Hardwood Flatwoods	0
9914 - North-Central Interior Wet Flatwoods	0
9915 - Lower Mississippi River Flatwoods	0
9916 - West Gulf Coastal Plain Nonriverine Wet Hardwood Flatwoods	0
D. Croat Dising, N.C. Northwest, N.W. Northwest, C.C. Couthough, C.W. Couthough, I.M. Hang Midwest	

^{*}GP = Great Plains; NE = Northeast; NW = Northwest; SE = Southeast; SW = Southwest; UM = Upper Midwest

More information regarding modeling process: https://gapanalysis.usgs.gov/species/data/

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Model Parameter Definitions

Land Cover Map Units

Land Cover Data Source — National Gap Land Cover Ver 1.0 (2001) — The ecological systems mapped in the GAP National Land Cover Data were used as 'map units' to describe habitat types preferred by species. https://doi.org/10.5066/F7959GF5

Absent (0) — Not utilized by species.

Primary (1) — Utilized by species.

Secondary (2) — Utilized by species if in proximity to Primary map units (see Secondary Map Units below).

Land Cover Limitations

Contiguous Patch — Minimum size (ha) — This parameter is set using the most conservation values explicitly stated in the species literature. Any mapped habitat not meeting the minimum contiguous patch size is eliminated. If applied, this is the last step in habitat modeling.

Edge Type Usage — Ecotone Width (m) — We grouped map units into forested, non-forested, and shrubland/woodland land cover types to identify both Forest/Open ecotones and Woodland/Shrubland. Using this data set, we can define the width and nature of ecotones utilized by species.

Forest Interior Usage — Distance From Edge (m) — Used to limit species to forest interiors or to exclude them from such.

Secondary Map Units — Distance From Primary Map Units (m) — Secondary Map Units identified in the Map Units table (2) are included in a species habitat map if they are within proximity to Primary Map Units (1).

Hydrographic Limitations

Flowing Water — Distance Into/From (m) — Flowing water represents hydrographic features such as streams, rivers, springs, seeps, ditches with moving water, etc.

Open/Standing Water — Distance Into/From (m) — Standing water represents hydrographic features such as lakes, ponds, reservoirs, bays, inlets, estuaries, ocean, ditches with stagnant water, etc.

Wet Vegetation — Distance Into/From (m) — Wet vegetation represents hydrographic features such as swamps, marshes, Carolina bays, etc. This includes a collection of map units representing seasonally or tidally inundated woody and non-woody plants.

Water Salinity — Freshwater Only, Brackish/Salt Water Only, All Water — Water salinity is a major factor when considering habitat conditions for many species. However, the dynamic and complex nature of water systems makes the development of a highly refined and reliable data layer challenging. Therefore, we developed three general categories to include in species habitat models for species requiring water.

Water Velocity — Slow Only, Fast Only, All Types — For some aquatic species, this is an important aspect of their habitat, such as oxygenation levels, presence of invertebrate prey, and amount of sediment within the water column and on streambed substrates. Stream velocity (i.e., stream gradient) was derived from a combination of streams and slopes calculated from a digital elevation model (DEM), which created three categories for stream gradient.

Slow Only — For species that require slow moving or almost stagnant sections of streams or rivers. Typically these are areas where the underlying topography is flat (0 % gradient).

Fast Only — For species that require high velocity sections of streams or rivers. Typically these are areas where the underlying topography is steep. A threshold of > 5 % gradient was used.

All Types — For species that can utilize either fast or slow sections of streams or rivers.

Human Impact Avoidance — High. Medium. Low — Environments dominated by human disturbance such as roads, cities, and the constructed materials that support human habitation have profound effects on species. For most species, this data layer was used to exclude species from a portion of the landscape. However, some species respond favorably to human habitats, therefore this data layer was used in an inclusionary manner.

High — For species that are very intolerant of human disturbance. All portions of the landscape identified as being directly influenced by human disturbance are eliminated from the predicted distribution. Medium — For species that are moderately intolerant of human disturbance. Only portions of the landscape identified as being highly or moderately influenced by human disturbance are eliminated from the predicted distribution.

Low — For species that are partially intolerant of human disturbance. Only portions of the landscape identified as being highly influenced by human disturbance are eliminated from the predicted distribution.

Elevation Limits — Min/Max (m) — Some species respond to environments directly related to altitudinal variation. Elevation (e.g., DEM) is easily implemented in spatial modeling by limiting the model to the minimum and maximum values explicitly stated in the literature. DEMs are utilized directly and are measured in meters above and below mean sea level.

Hand Modeled — Occasionally, habitat models had to be manipulated outside of the main scripting environment in order to acheive the desired results. If so, notes on additional processing are provided.