

Table 17. Spanish: Modeled climatic habitat for species for five consecutive 30-year climate normal periods, including two historic periods (1960s and 1990s) and three future periods (2020s, 2050s, and 2080s). Species values represent an estimated proportion of the land base, assuming no human disturbance. An estimated percent of climate conditions suitable for cropland or rangeland use, are provided as well as climate conditions not supporting forested ecosystems

Scientific name	Common name	1960s	1990s	2020s	2050s	2080s
	Non-Forested	31.56	32.01	34.63	32.64	26.39
	Agriculture	0.11	0.7	1.28	4.26	13.21
<i>Picea mariana</i>	black spruce	15.41	11.36	4.93	1.08	0.32
<i>Betula papyrifera</i>	paper birch	11.25	8.93	6.07	3.55	1.9
<i>Abies balsamea</i>	balsam fir	6.73	10.05	9.21	3.95	2.8
<i>Pinus banksiana</i>	jack pine	5.54	4.3	1.55	0.55	0.12
<i>Thuja occidentalis</i>	northern white cedar	3.72	4.51	5.07	3.27	2.06
<i>Picea glauca</i>	white spruce	2.96	2.81	2.47	1.36	0.51
<i>Betula alleghaniensis</i>	yellow birch	2.94	2.95	3.7	3.39	3.13
<i>Acer saccharum</i>	sugar maple	2.46	3.56	8.37	11.99	10.74
<i>Pinus strobus</i>	eastern white pine	2.31	2.23	3.17	4.83	6.57
<i>Populus tremuloides</i>	quaking aspen	1.95	1.51	2.36	2.52	1.86
<i>Acer rubrum</i>	red maple	1.24	2.15	3.05	7.02	10.97
<i>Picea rubens</i>	red spruce	1.12	3.06	2.7	1.16	1.93
<i>Larix laricina</i>	tamarack	1.1	0.89	0.55	0.43	0.28
<i>Populus grandidentata</i>	bigtooth aspen	0.43	0.34	0.79	0.86	0.94
<i>Pinus resinosa</i>	red pine	0.4	0.39	0.66	0.95	0.9
<i>Tsuga canadensis</i>	eastern hemlock	0.32	0.33	1.25	4.22	6.78
<i>Acer saccharinum</i>	silver maple	0.26	0.23	0.36	0.39	0.17
<i>Fagus grandifolia</i>	American beech	0.26	0.65	1.05	2.29	3.86
<i>Quercus rubra</i>	northern red oak	0.25	0.26	1.23	2.38	2.8
<i>Populus balsamifera</i>	balsam poplar	0.13	0.22	0.29	0.14	0.07
<i>Fraxinus nigra</i>	black ash	0.11	0.13	0.51	0.78	0.53
<i>Tilia americana</i>	American basswood	0.05	0.04	0.52	1.1	1.1
<i>Fraxinus americana</i>	white ash	0.02	0.04	0.22	1.37	3.03
<i>Prunus serotina</i>	black cherry	0.01	0.01	0.1	1.15	2.45
<i>Picea abies</i>	Norway spruce	0	0	0	0.31	0.66
<i>Fraxinus pennsylvanica</i>	green ash	0	0	0.02	0.12	0.21
<i>Quercus alba</i>	white oak	0	0	0.03	0.1	0.24
<i>Ulmus americana</i>	American elm	0	0	0.03	0.32	0.66
<i>Pinus sylvestris</i>	Scots pine	0	0	0.01	0.12	0.26
<i>Carya cordiformis</i>	bitternut hickory	0	0	0.01	0.09	0.24
<i>Quercus velutina</i>	black oak	0	0	0	0.03	0.11
<i>Quercus prinus</i>	chestnut oak	0	0	0	0.03	0.13
<i>Carya ovata</i>	shagbark hickory	0	0	0	0.03	0.12
<i>Robinia pseudoacacia</i>	black locust	0	0	0	0.03	0.08