

Table 11. Mauricie: 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	36.13	30.28	29.73	32.37	27.77
	Agriculture	0.52	0.39	3.42	7.09	10.48
<i>Picea mariana</i>	black spruce	17.13	13.67	4.78	1.19	0.21
<i>Betula papyrifera</i>	paper birch	11.08	13.27	7.3	3.14	1.76
<i>Abies balsamea</i>	balsam fir	6.51	7.64	11.33	7.02	3.94
<i>Pinus banksiana</i>	jack pine	5.67	4.36	1.23	0.31	0.1
<i>Populus tremuloides</i>	quaking aspen	5.39	5.75	4.03	2.52	1.56
<i>Betula alleghaniensis</i>	yellow birch	4.05	6.05	6.52	4.92	4.1
<i>Acer saccharum</i>	sugar maple	3.41	4.45	8.72	9.55	9.56
<i>Picea glauca</i>	white spruce	2.86	3.3	2.73	1.21	0.37
<i>Acer rubrum</i>	red maple	1.95	2.91	6.37	9.99	12.35
<i>Thuja occidentalis</i>	northern white cedar	1.72	2.72	3.93	2.24	1.32
<i>Picea rubens</i>	red spruce	0.67	1.04	3.61	3.26	2.91
<i>Pinus strobus</i>	eastern white pine	0.63	1.06	1.48	4.05	6.45
<i>Larix laricina</i>	tamarack	0.4	0.42	0.4	0.36	0.24
<i>Fagus grandifolia</i>	American beech	0.36	0.58	1.95	3.68	4.7
<i>Populus grandidentata</i>	bigtooth aspen	0.3	0.55	0.73	0.84	0.93
<i>Tsuga canadensis</i>	eastern hemlock	0.17	0.33	1.62	4.86	7.18
<i>Picea abies</i>	Norway spruce	0.17	0.15	0.09	0.34	0.51
<i>Populus balsamifera</i>	balsam poplar	0.15	0.15	0.23	0.16	0.08
<i>Fraxinus nigra</i>	black ash	0.08	0.14	0.22	0.24	0.24
<i>Pinus resinosa</i>	red pine	0.07	0.12	0.16	0.35	0.56
<i>Tilia americana</i>	American basswood	0.06	0.11	0.24	0.37	0.54
<i>Quercus rubra</i>	northern red oak	0.04	0.08	0.33	1.27	2.57
<i>Fraxinus americana</i>	white ash	0.02	0.03	0.47	1.64	2.81
<i>Acer saccharinum</i>	silver maple	0.01	0.02	0.06	0.07	0.06
<i>Prunus serotina</i>	black cherry	0.01	0.02	0.25	1.46	2.57
<i>Fraxinus pennsylvanica</i>	green ash	0	0	0.02	0.05	0.11
<i>Quercus velutina</i>	black oak	0	0	0.01	0.02	0.08
<i>Ulmus americana</i>	American elm	0	0	0.04	0.17	0.38
<i>Pinus sylvestris</i>	Scots pine	0	0	0.01	0.11	0.19
<i>Quercus alba</i>	white oak	0	0	0.01	0.05	0.15
<i>Carya cordiformis</i>	bitternut hickory	0	0	0.01	0.05	0.15
<i>Carya ovata</i>	shagbark hickory	0	0	0	0.02	0.06
<i>Quercus prinus</i>	chestnut oak	0	0	0	0.03	0.1