

Table 1. Atikamekw territory: 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	34.48	30.21	32.04	31.41	28.79
	Agriculture	0.05	1.94	4.22	10.78	9.87
<i>Picea mariana</i>	black spruce	18.6	9.92	3.82	0.51	0.31
<i>Betula papyrifera</i>	paper birch	13.73	11.26	6.65	2.1	1.66
<i>Pinus banksiana</i>	jack pine	6.55	2.89	0.88	0.19	0.16
<i>Abies balsamea</i>	balsam fir	6.42	9.26	11.9	5.69	4.43
<i>Populus tremuloides</i>	quaking aspen	6.13	5.62	4.19	2.05	1.69
<i>Betula alleghaniensis</i>	yellow birch	3.57	6.62	6.57	4.68	4.52
<i>Picea glauca</i>	white spruce	3	3.45	2.82	0.74	0.43
<i>Acer saccharum</i>	sugar maple	1.75	6.89	9.24	9.41	9.68
<i>Acer rubrum</i>	red maple	1.43	4.11	6.34	11.84	12.71
<i>Thuja occidentalis</i>	northern white cedar	1.25	2.79	4.38	1.89	1.25
<i>Pinus strobus</i>	eastern white pine	0.59	0.87	0.84	4.51	5.79
<i>Larix laricina</i>	tamarack	0.42	0.45	0.44	0.31	0.29
<i>Picea rubens</i>	red spruce	0.39	1.41	3.57	3.14	2.9
<i>Populus grandidentata</i>	bigtooth aspen	0.22	0.7	0.72	0.86	0.8
<i>Picea abies</i>	Norway spruce	0.21	0.15	0.08	0.32	0.42
<i>Fagus grandifolia</i>	American beech	0.14	0.94	1.56	4.01	4.66
<i>Populus balsamifera</i>	balsam poplar	0.12	0.16	0.24	0.13	0.1
<i>Tsuga canadensis</i>	eastern hemlock	0.08	0.58	1.15	5.49	6.83
<i>Fraxinus nigra</i>	black ash	0.06	0.17	0.24	0.22	0.2
<i>Pinus resinosa</i>	red pine	0.06	0.12	0.15	0.52	0.59
<i>Tilia americana</i>	American basswood	0.03	0.21	0.29	0.39	0.46
<i>Quercus rubra</i>	northern red oak	0.02	0.12	0.15	1.68	2.31
<i>Fraxinus americana</i>	white ash	0.01	0.08	0.21	2.27	2.52
<i>Prunus serotina</i>	black cherry	0.01	0.04	0.09	2.3	2.82
<i>Acer saccharinum</i>	silver maple	0	0.06	0.09	0.06	0.05
<i>Fraxinus pennsylvanica</i>	green ash	0	0.01	0.03	0.08	0.07
<i>Ulmus americana</i>	American elm	0	0	0.02	0.22	0.24
<i>Carya cordiformis</i>	bitternut hickory	0	0	0	0.09	0.11
<i>Quercus alba</i>	white oak	0	0	0	0.09	0.11
<i>Quercus velutina</i>	black oak	0	0	0.01	0.05	0.05