

**Table 2. Babine** 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	39.72	37.58	38.22	37.93	41.72
	Agriculture	0.23	0.24	0.72	1.61	2
<i>Pinus contorta</i>	lodgepole pine	24.77	22.55	15.26	11.8	7.65
<i>Abies lasiocarpa</i>	subalpine fir	6.79	6.15	4.78	3.95	2.36
<i>Picea glauca</i>	white spruce	5.35	4.27	3.7	2.43	0.47
<i>Populus tremuloides</i>	quaking aspen	4.61	4.38	6.41	4.83	2.54
<i>Pseudotsuga menziesii</i>	Douglas fir	2.1	6.97	12.05	14.84	16.81
<i>Picea engelmannii</i>	Engelmann spruce	0.56	1.33	1.7	2.31	2.72
<i>Picea mariana</i>	black spruce	0.54	0.39	0.36	0.17	0.05
<i>Betula papyrifera</i>	paper birch	0.53	0.83	1.88	1.58	1.17
<i>Tsuga mertensiana</i>	mountain hemlock	0.5	0.46	0.32	0.22	0.35
<i>Tsuga heterophylla</i>	western hemlock	0.5	0.99	1.26	1.84	2.6
<i>Populus balsamifera</i>	balsam poplar	0.44	0.43	0.74	0.62	0.39
<i>Thuja plicata</i>	western redcedar	0.18	1.02	1.81	3.41	5.11
<i>Abies amabilis</i>	Pacific silver fir	0.12	0.38	0.35	0.42	0.49
<i>Pinus albicaulis</i>	whitebark pine	0.06	0.14	0.08	0.15	0.16
<i>Chamaecyparis nootkatensis</i>	Alaska cedar	0.05	0.06	0.05	0.07	0.08
<i>Populus trichocarpa</i>	black cottonwood	0.03	0.01	0.01	0.05	0.18
<i>Larix occidentalis</i>	western larch	0.01	0.05	0.67	1.95	3.5
<i>Pinus monticola</i>	western white pine	0.01	0.05	0.11	0.35	0.56
<i>Abies balsamea</i>	balsam fir	0.01	0.02	0.03	0.03	0.03
<i>Pinus ponderosa</i>	ponderosa pine	0	0.02	0.14	0.4	1.25
<i>Picea sitchensis</i>	Sitka spruce	0	0.02	0.02	0.03	0.05
<i>Alnus rubra</i>	red alder	0	0.03	0.03	0.06	0.09
<i>Abies grandis</i>	grand fir	0	0.01	0.01	0.26	2.3
<i>Acer saccharum</i>	sugar maple	0	0	0.02	0.07	0.15
<i>Thuja occidentalis</i>	northern white cedar	0	0	0.02	0.03	0.05
<i>Pinus strobus</i>	eastern white pine	0	0	0.01	0.03	0.06
<i>Acer rubrum</i>	red maple	0	0	0.01	0.03	0.12
<i>Fraxinus americana</i>	white ash	0	0	0.01	0.03	0.07
<i>Quercus rubra</i>	northern red oak	0	0	0.01	0.02	0.06
<i>Tsuga canadensis</i>	eastern hemlock	0	0	0	0.02	0.05
<i>Fagus grandifolia</i>	American beech	0	0	0	0.01	0.05