

Supplementary Materials

Comparing estimates of gross primary production in a mature Norway spruce plantation in hemiboreal Sweden

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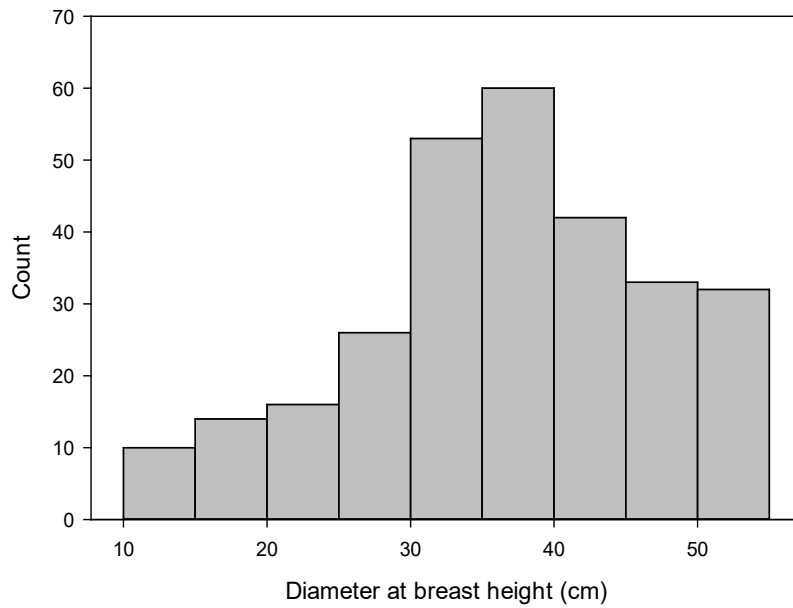


Figure S1. Distribution of diameter at breast height of Norway spruce trees at the Central forest, Skogaryd Research Catchment.

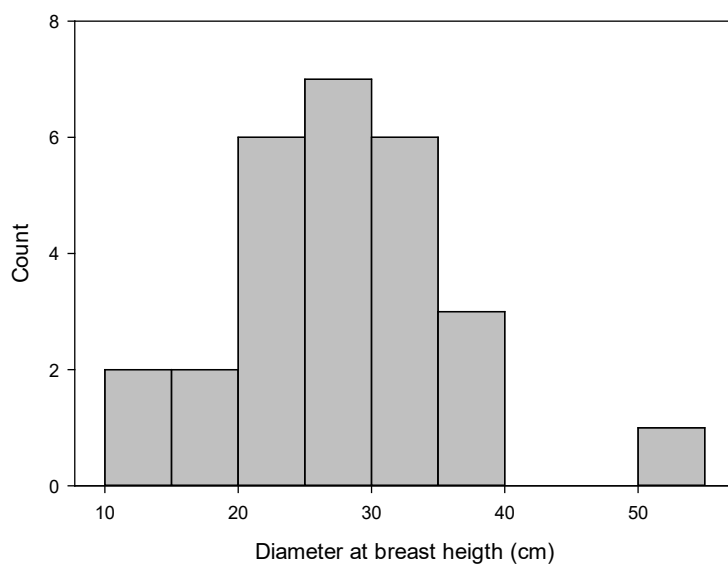


Figure S2. Distribution of diameter at breast of broadleaf trees at the Central forest, Skogaryd Research Catchment (N = 27).

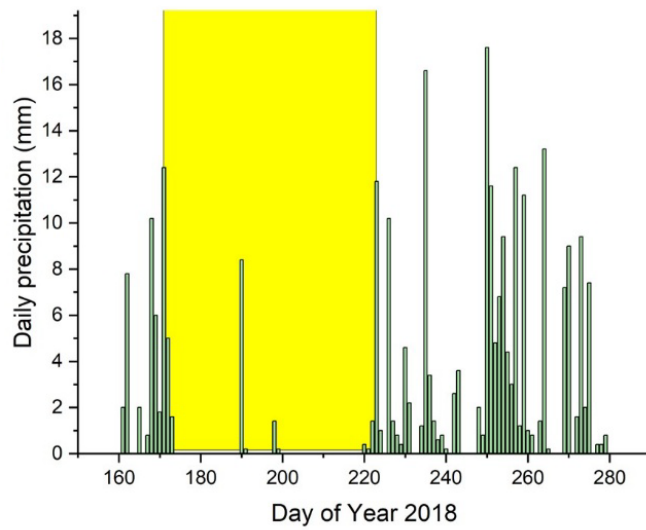


Figure S3. Daily precipitation during and after the drought period of summer 2018 at the Skogaryd Research Catchment. The yellow area illustrates the drought period, as defined by low precipitation over a semi-continuous period, bounded by heavy rains on days 171 and 223 and was briefly relieved on day 190.

Table S1: Stable carbon isotope ($\delta^{13}\text{C}$) values (‰) of tree rings of 12 individual trees (Txx) at the Central forest, Skogaryd Research Catchment.

<i>Year</i>	<i>T40</i>	<i>T50</i>	<i>T52</i>	<i>T53</i>	<i>T62</i>	<i>T64</i>	<i>T76</i>	<i>T79</i>	<i>T80</i>	<i>T81</i>	<i>T88</i>	<i>T92</i>
2015	-29.18	-26.87	-27.07	-26.85		-27.13	-28.42	-26.80	-27.89	-27.22	-25.52	-28.41
2016	-27.97	-26.56	-27.01	-26.67		-26.91	-28.09	-26.38	-27.36	-27.20	-25.03	-28.22
2017	-27.72	-26.83	-27.00	-26.58	-26.07	-26.66	-28.46	-25.97	-27.77	-26.23	-24.53	-28.44
2018	-26.48	-26.35	-26.14	-25.80	-26.20	-26.23	-27.02	-25.99	-27.43	-25.83	-25.29	-26.88
2019	-27.69	-28.43	-27.25	-26.67	-27.14	-26.62	-28.37	-26.54	-26.92	-27.03	-25.42	-28.54
2020	-26.82	-28.33	-26.79	-26.09	-27.47	-26.64	-28.01	-26.52	-28.11	-27.34	-25.79	-27.86
2021	-27.40	-29.62	-26.43	-26.32	-26.77	-27.35	-28.21	-27.08	-27.70	-26.91	-25.92	-28.01