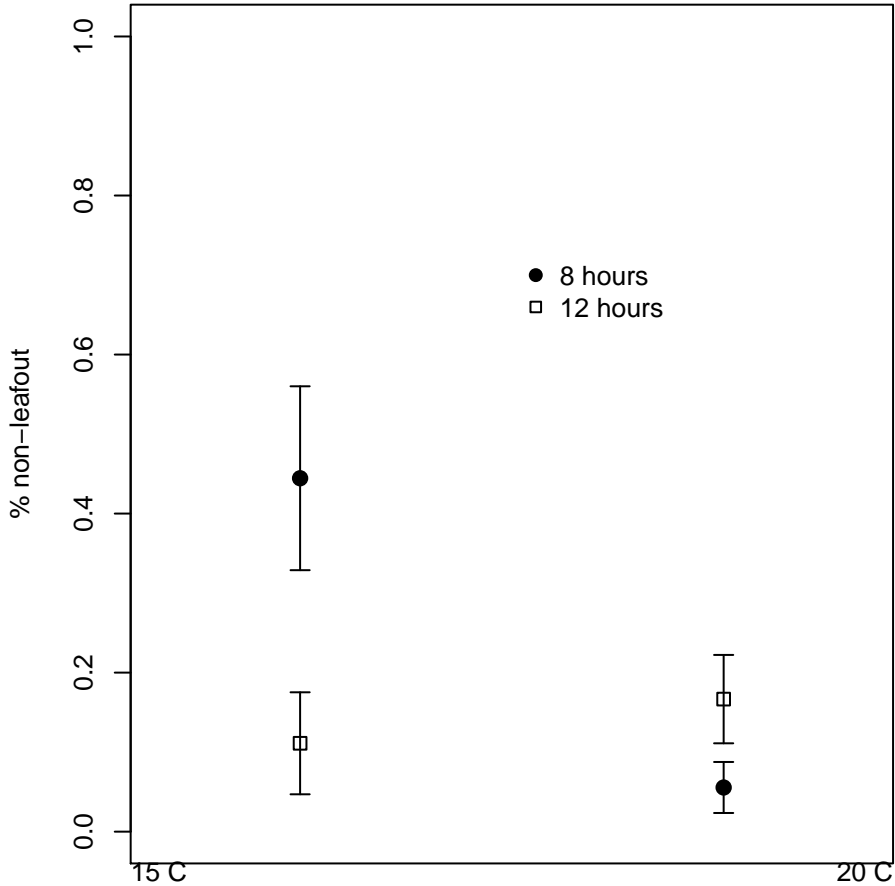## ACEPEN at Harvard Forest, USA

Saint Hippolyte, Qc

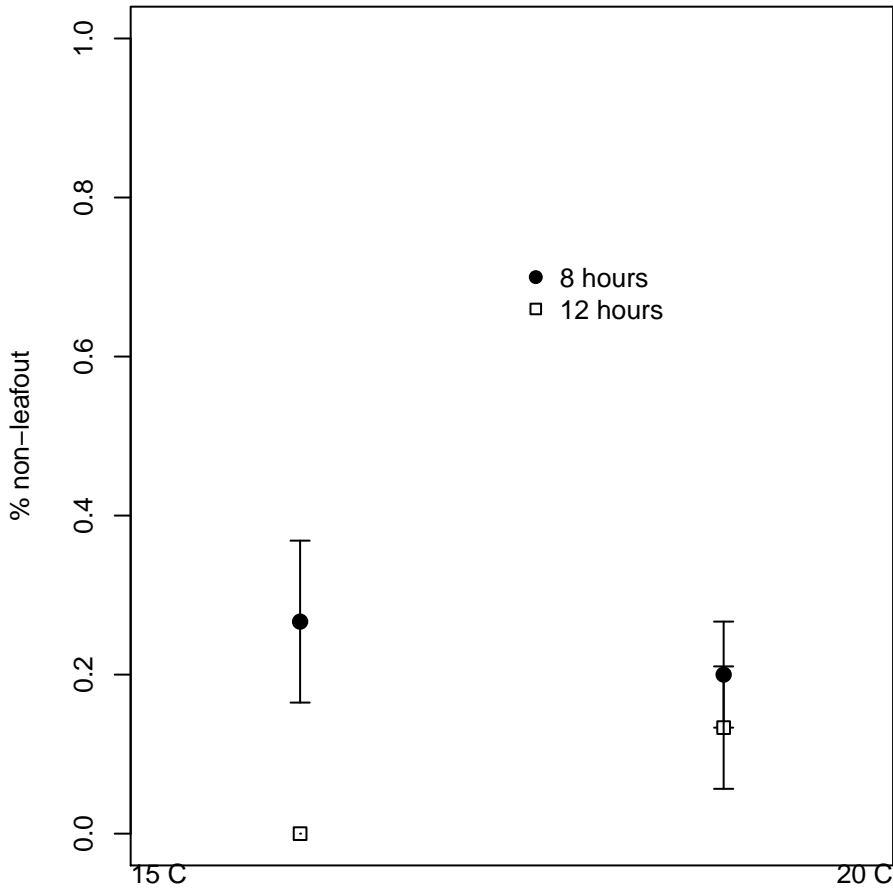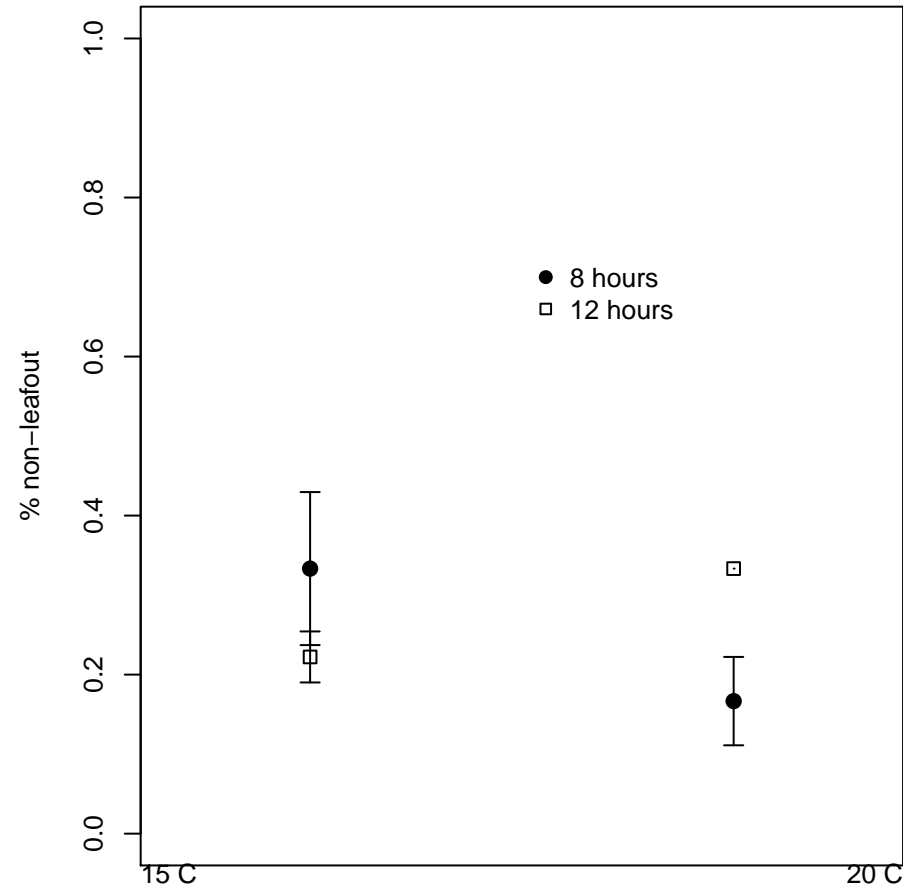|	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	1.609	1.095	1.469	0.142
warm20	0	1.549	0	1
photo12	25.584	109617.214	0	1
chillchill1	−0.916	1.396	−0.656	0.512
chillchill2	−3.219	1.549	−2.078	0.038
siteSH	25.584	109617.214	0	1
warm20:photo12	−25.584	109617.214	0	1
warm20:chillchill1	26.392	103852.397	0	1
warm20:chillchill2	19.888	2306.502	0.009	0.993
warm20:siteSH	−8.446	109617.225	0	1
photo12:chillchill1	0.808	150992.04	0	1
photo12:chillchill2	−23.282	109617.214	0	1
photo12:siteSH	−34.03	3717.368	−0.009	0.993
warm20:photo12:chillchill1	−9.143	109656.12	0	1
warm20:photo12:chillchill2	5.696	109617.223	0	1
warm20:photo12:siteSH	15.976	2306.503	0.007	0.994
warm15:chillchill1:siteSH	−26.277	109617.214	0	1
warm20:chillchill1:siteSH	−25.473	103893.325	0	1
warm15:chillchill2:siteSH	−23.975	109617.214	0	1
warm20:chillchill2:siteSH	−33.807	3717.367	−0.009	0.993
photo12:chillchill1:siteSH	8.331	103893.322	0	1
photo12:chillchill2:siteSH	33.337	3717.368	0.009	0.993

ACERUB at Harvard Forest, USA

Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	18.389	2669.745	0.007	0.995
warm20	−17.003	2669.745	−0.006	0.995
photo12	33.593	3470.079	0.01	0.992
chillchill1	−17.003	2669.745	−0.006	0.995
chillchill2	−18.794	2669.745	−0.007	0.994
siteSH	−16.779	2669.745	−0.006	0.995
warm20:photo12	−16.59	2216.733	−0.007	0.994
warm20:chillchill1	44.612	295523.375	0	1
warm20:chillchill2	17.814	2669.746	0.007	0.995
warm20:siteSH	16.086	2669.746	0.006	0.995
photo12:chillchill1	−5.983	295523.377	0	1
photo12:chillchill2	−15.17	2669.747	−0.006	0.995
photo12:siteSH	−34.509	3470.079	−0.01	0.992
warm20:photo12:chillchill1	−21.324	2991.267	−0.007	0.994
warm20:photo12:chillchill2	−1.833	2.793	−0.656	0.512
warm20:photo12:siteSH	17.506	2216.733	0.008	0.994
warm15:chillchill1:siteSH	14.7	2669.746	0.006	0.996
warm20:chillchill1:siteSH	−9.503	295511.317	0	1
warm15:chillchill2:siteSH	18.794	2669.746	0.007	0.994
warm20:chillchill2:siteSH	1.897	2.008	0.945	0.345
photo12:chillchill1:siteSH	9.202	295523.377	0	1
photo12:chillchill2:siteSH	16.086	2669.746	0.006	0.995

ACESAC at Harvard Forest, USA
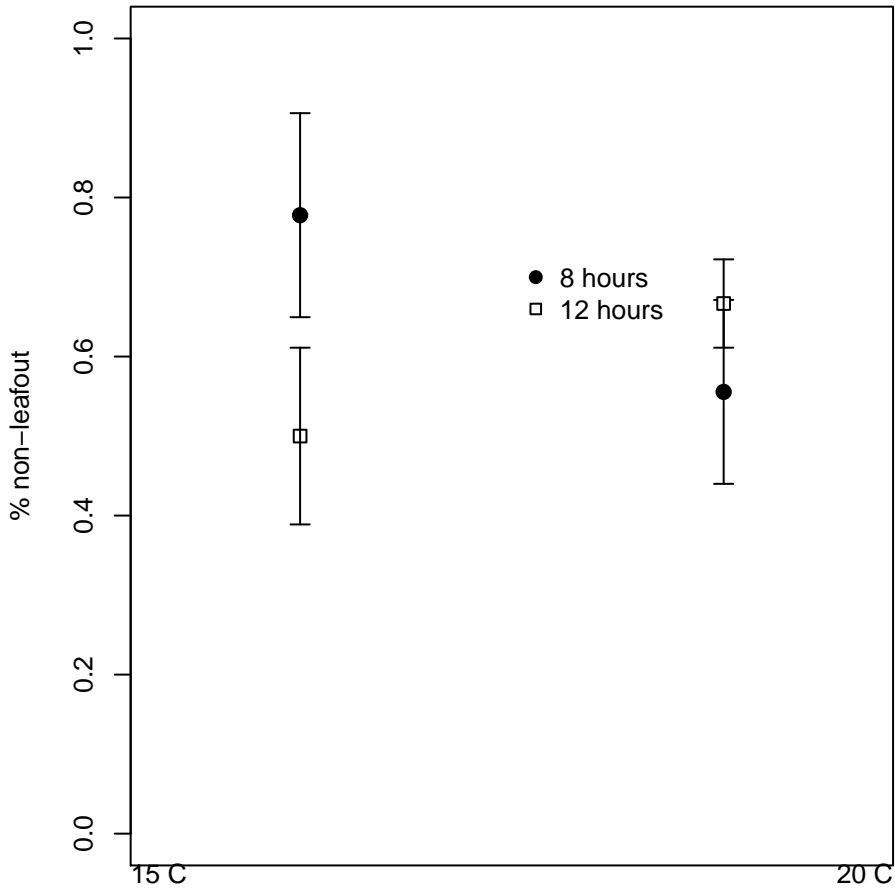
Saint Hippolyte, Qc
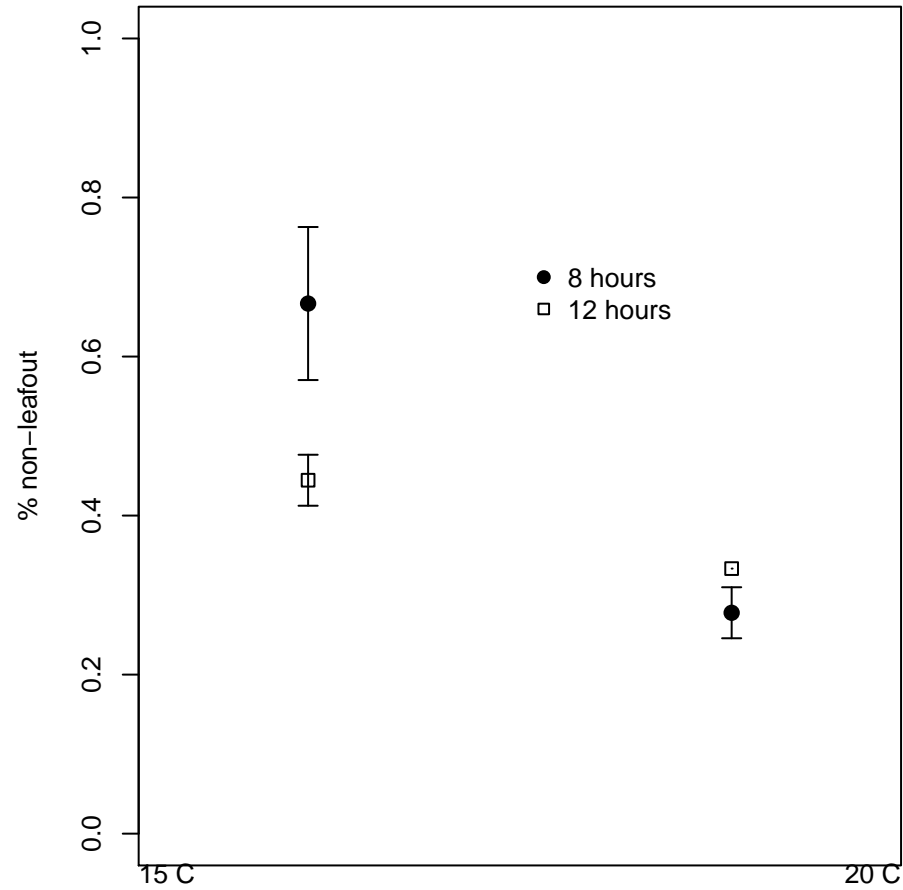
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	0.637	0.846	0.753	0.451
warm20	1.065	1.363	0.781	0.435
photo12	1.065	1.363	0.781	0.435
chillchill1	−5.007	2.537	−1.974	0.048
chillchill2	−20.603	1031.404	−0.02	0.984
siteSH	−0.587	1.152	−0.51	0.61
warm20:photo12	−2.817	1.832	−1.538	0.124
warm20:chillchill1	2.555	2.466	1.036	0.3
warm20:chillchill2	17.291	1031.403	0.017	0.987
warm20:siteSH	−0.477	1.723	−0.277	0.782
photo12:chillchill1	1.602	2.437	0.658	0.511
photo12:chillchill2	18.901	1031.403	0.018	0.985
photo12:siteSH	−0.477	1.723	−0.277	0.782
warm20:photo12:chillchill1	0.262	2.115	0.124	0.901
warm20:photo12:chillchill2	−17.148	1031.401	−0.017	0.987
warm20:photo12:siteSH	2.342	2.248	1.042	0.297
warm15:chillchill1:siteSH	4.907	2.498	1.964	0.049
warm20:chillchill1:siteSH	2.565	1.75	1.466	0.143
warm15:chillchill2:siteSH	3.846	3.162	1.216	0.224
warm20:chillchill2:siteSH	4.284	2.064	2.076	0.038
photo12:chillchill1:siteSH	−2.09	2.202	−0.949	0.343
photo12:chillchill2:siteSH	−2.781	2.709	−1.027	0.305

ALNINC at Harvard Forest, USA
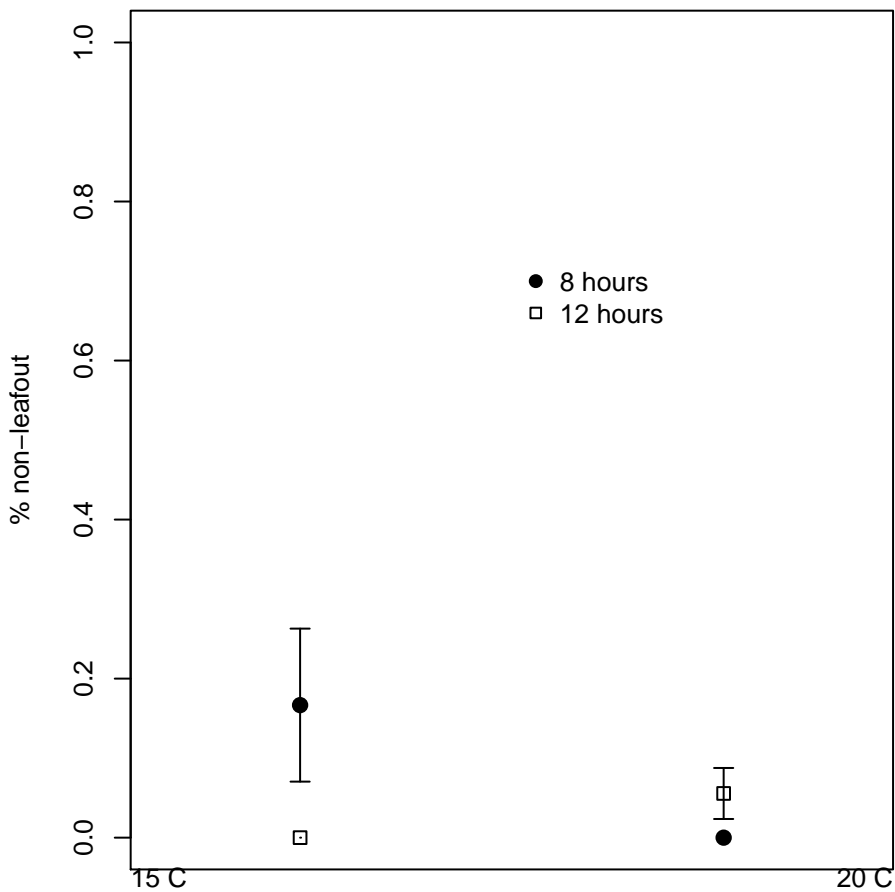
Saint Hippolyte, Qc
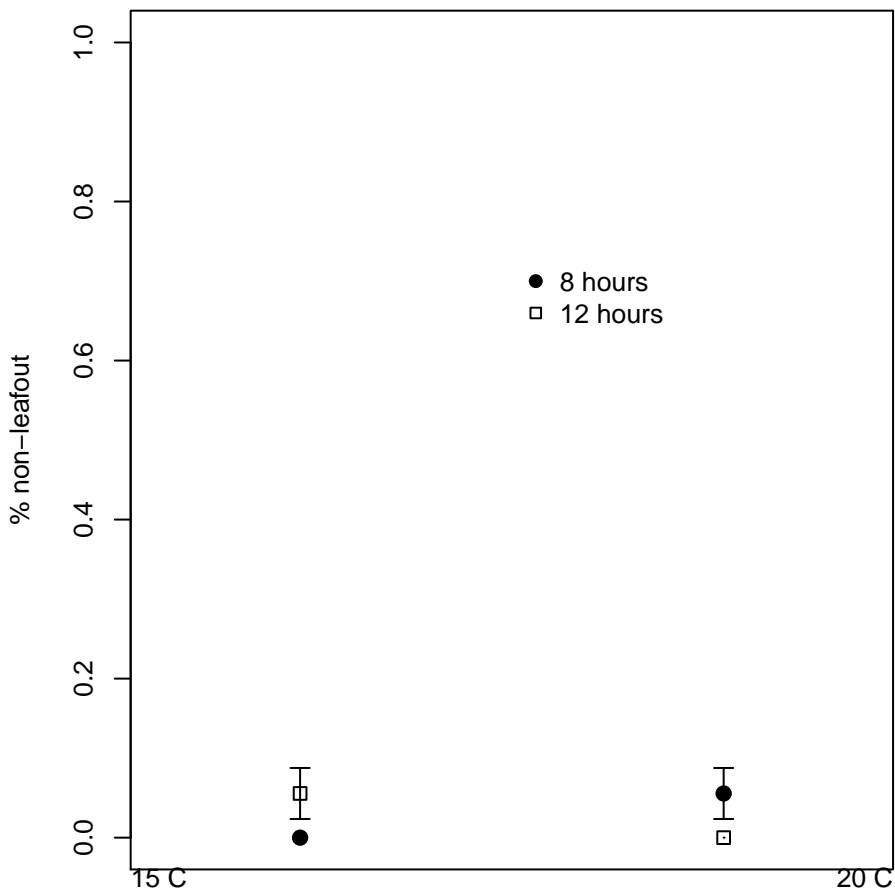
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	0	0.816	0	1
warm20	20.566	7238.393	0.003	0.998
photo12	20.566	7238.393	0.003	0.998
siteSH	20.566	7238.393	0.003	0.998
warm20:photo12	−39.523	10236.634	−0.004	0.997
warm20:siteSH	−39.523	10236.634	−0.004	0.997
photo12:siteSH	−39.523	10236.634	−0.004	0.997
warm20:photo12:siteSH	77.436	14476.787	0.005	0.996

AROMEL at Harvard Forest, USA
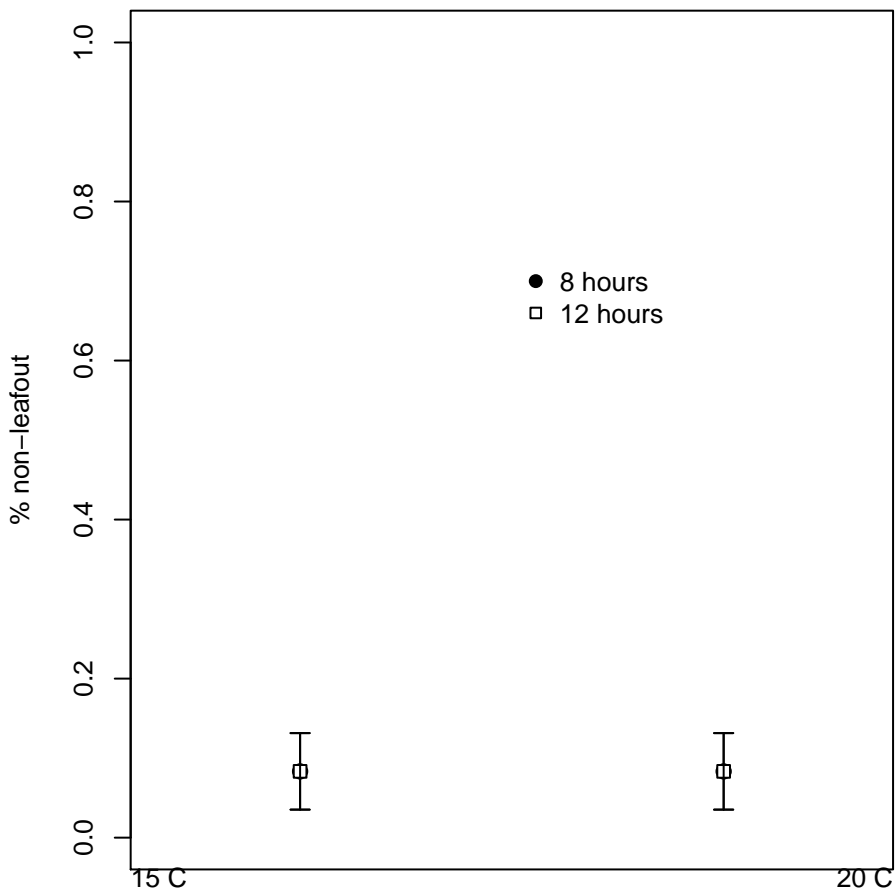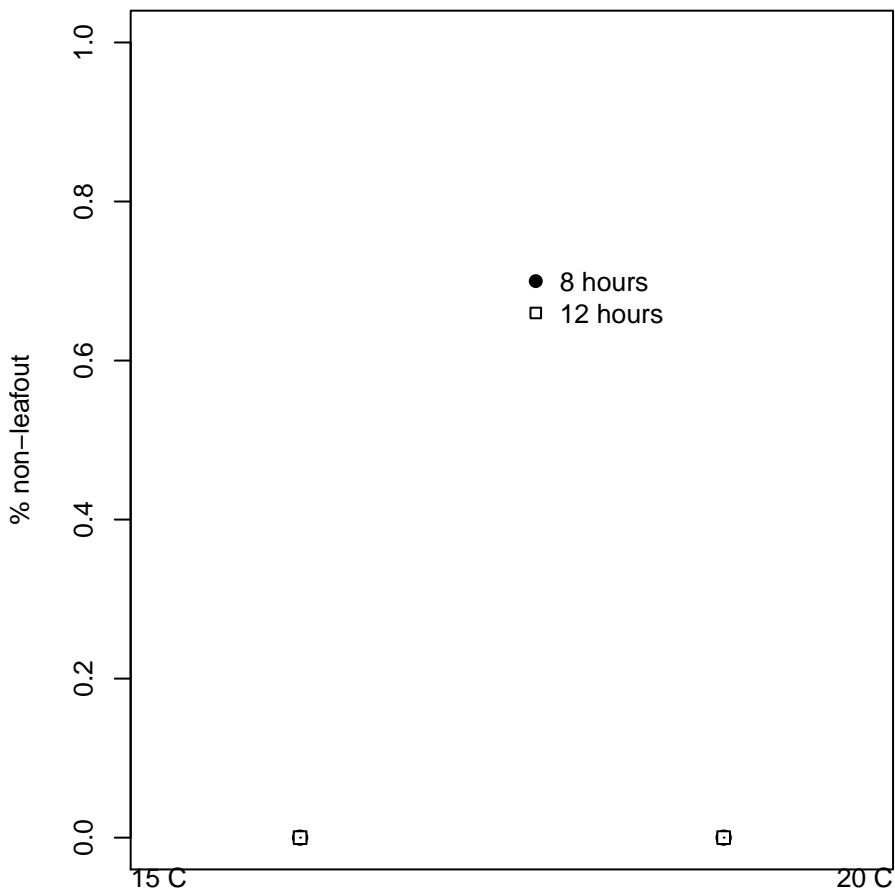
Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	1.099	1.155	0.951	0.341
warm20	0	1.633	0	1
photo12	0	1.633	0	1
warm20:photo12	0	2.309	0	1

BETALL at Harvard Forest, USA
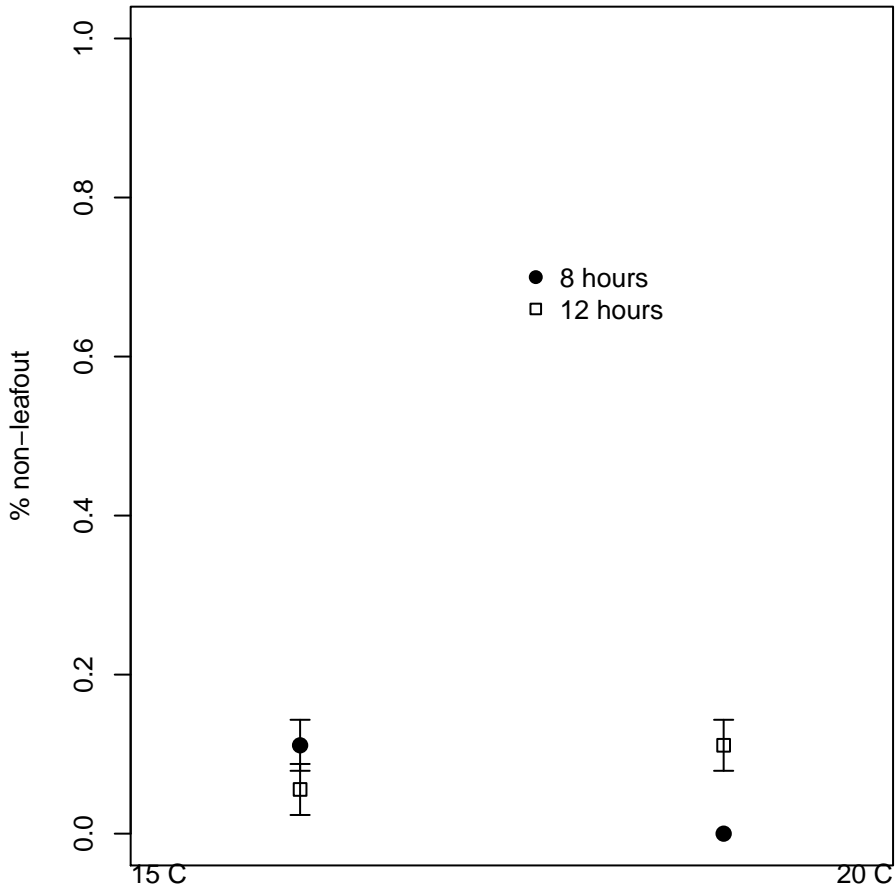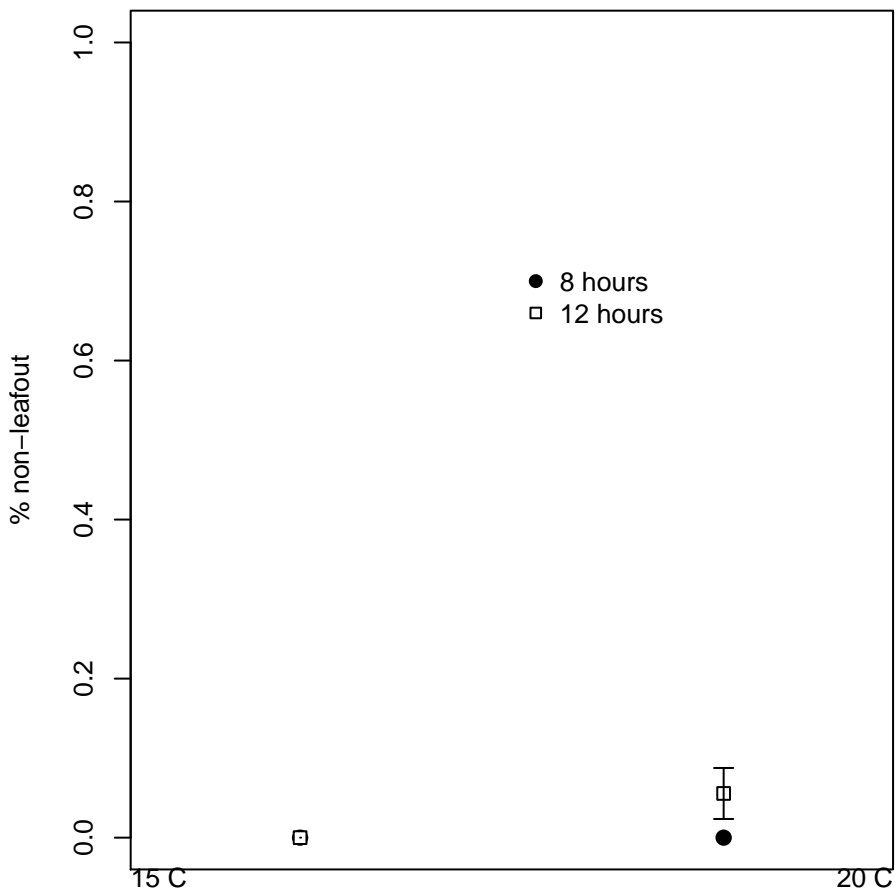
Saint Hippolyte, Qc
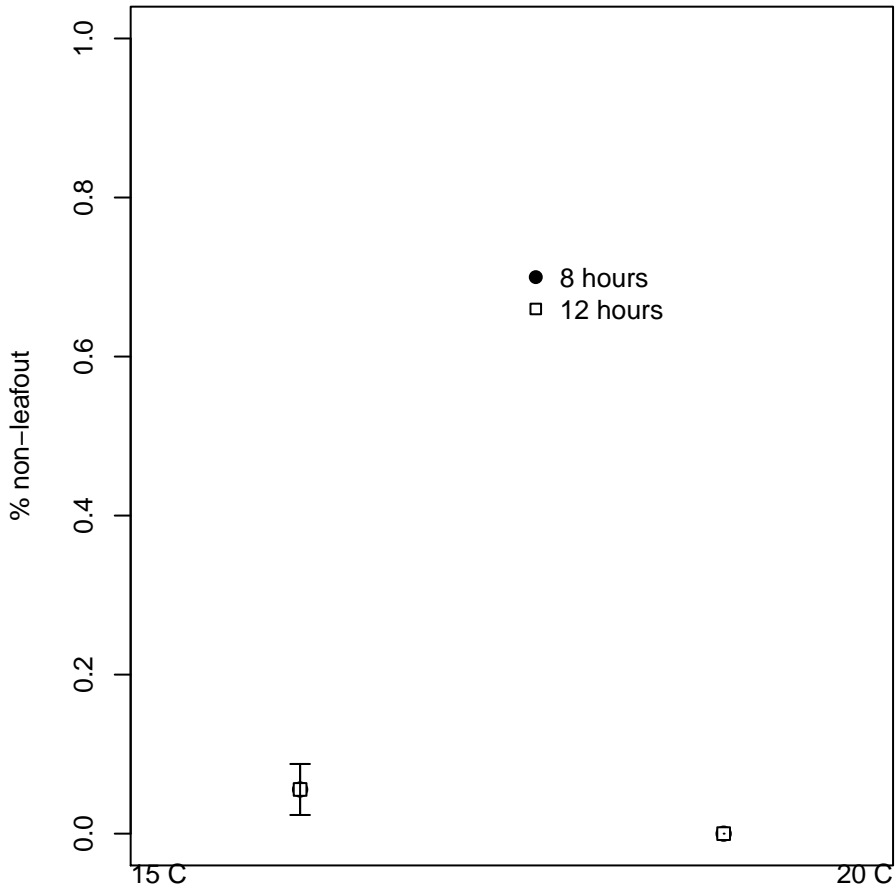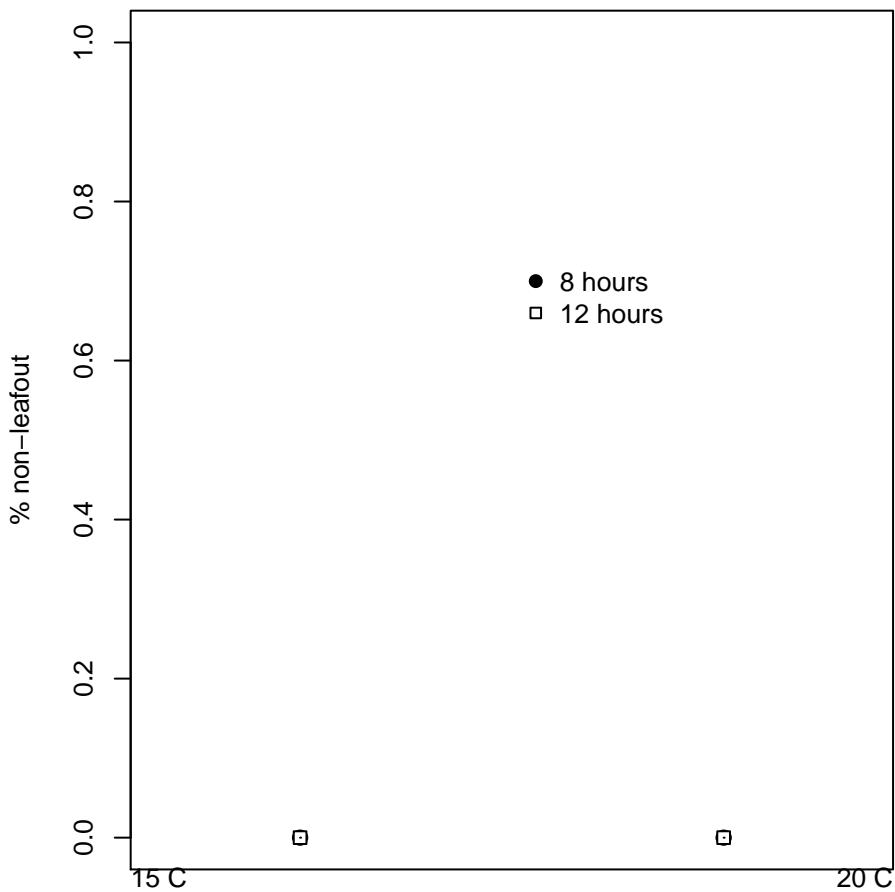
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	21.566	11259.298	0.002	0.998
warm20	0	14907.778	0	1
photo12	0	14907.779	0	1
chillchill1	−19.957	11259.298	−0.002	0.999
chillchill2	−19.957	11259.298	−0.002	0.999
siteSH	0	14907.778	0	1
warm20:photo12	−19.957	16923.66	−0.001	0.999
warm20:chillchill1	19.957	18172.303	0.001	0.999
warm20:chillchill2	19.957	17289.619	0.001	0.999
warm20:siteSH	0	17868.324	0	1
photo12:chillchill1	19.957	18172.303	0.001	0.999
photo12:chillchill2	0	14907.779	0	1
photo12:siteSH	0	17868.324	0	1
warm20:photo12:chillchill1	0	22097.646	0	1
warm20:photo12:chillchill2	0	18471.279	0	1
warm20:photo12:siteSH	19.957	15167.967	0.001	0.999
warm15:chillchill1:siteSH	19.957	18172.302	0.001	0.999
warm20:chillchill1:siteSH	0	20172.299	0	1
warm15:chillchill2:siteSH	0	14907.778	0	1
warm20:chillchill2:siteSH	0	18215.314	0	1
photo12:chillchill1:siteSH	−19.957	22203.631	−0.001	0.999
photo12:chillchill2:siteSH	0	17868.324	0	1

BETLEN at Harvard Forest, USA

Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	21.566	11934.093	0.002	0.999
warm20	0	16877.356	0	1
photo12	0	16877.356	0	1
warm20:photo12	−19.957	20670.455	−0.001	0.999

BETPAP at Harvard Forest, USA
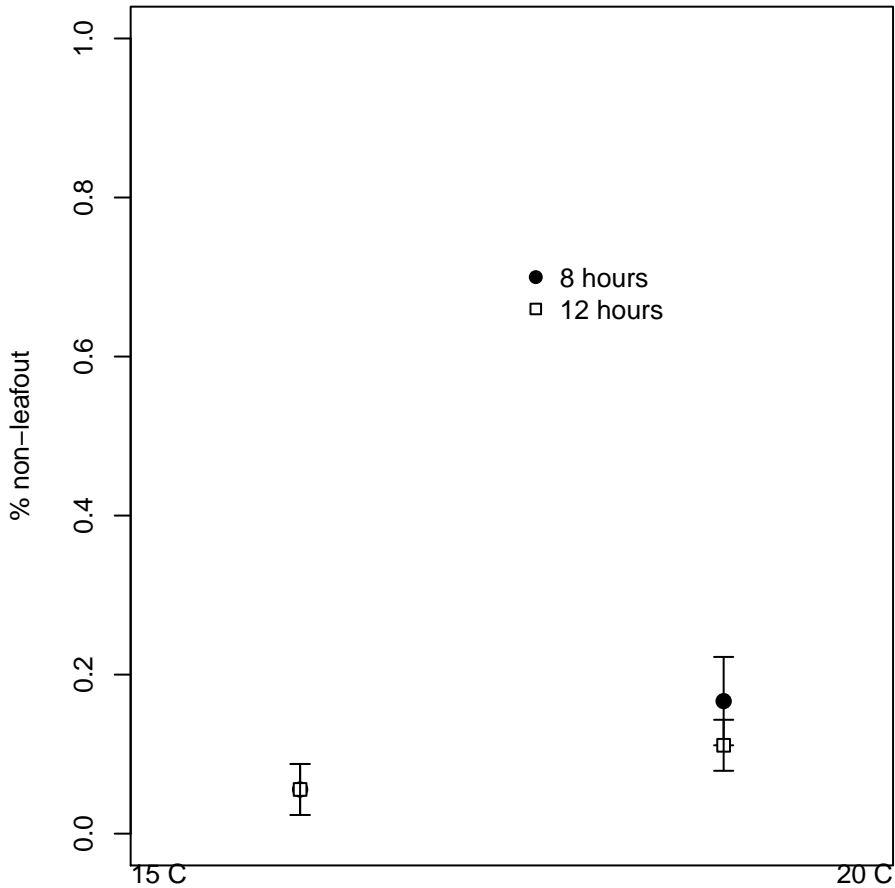
Saint Hippolyte, Qc
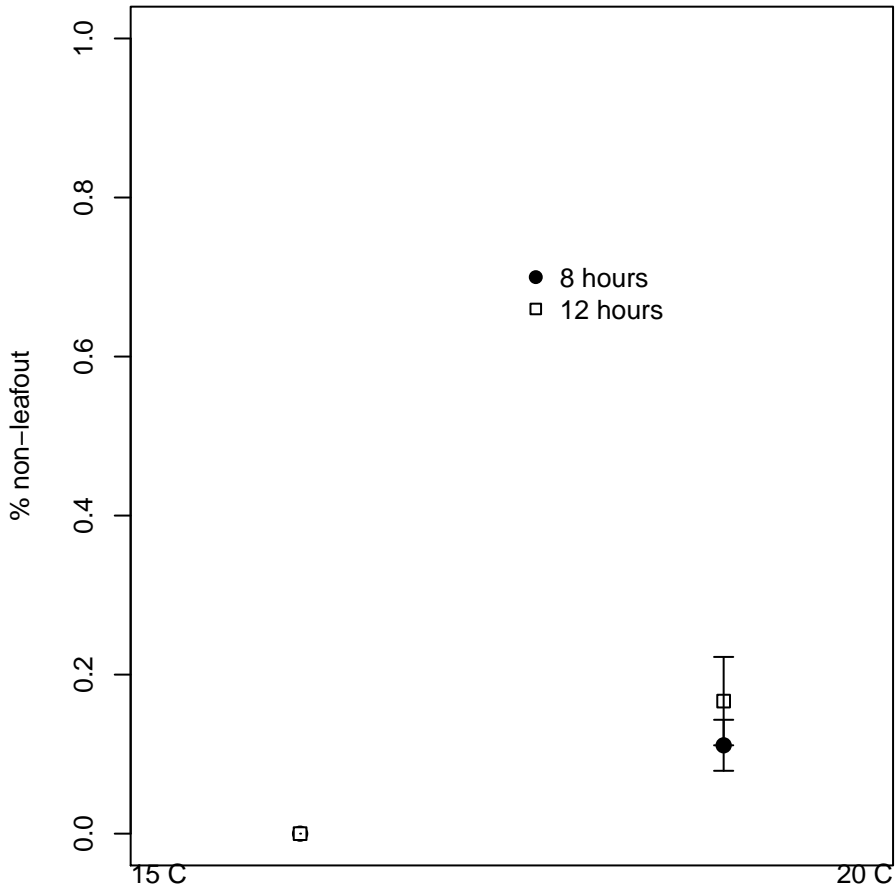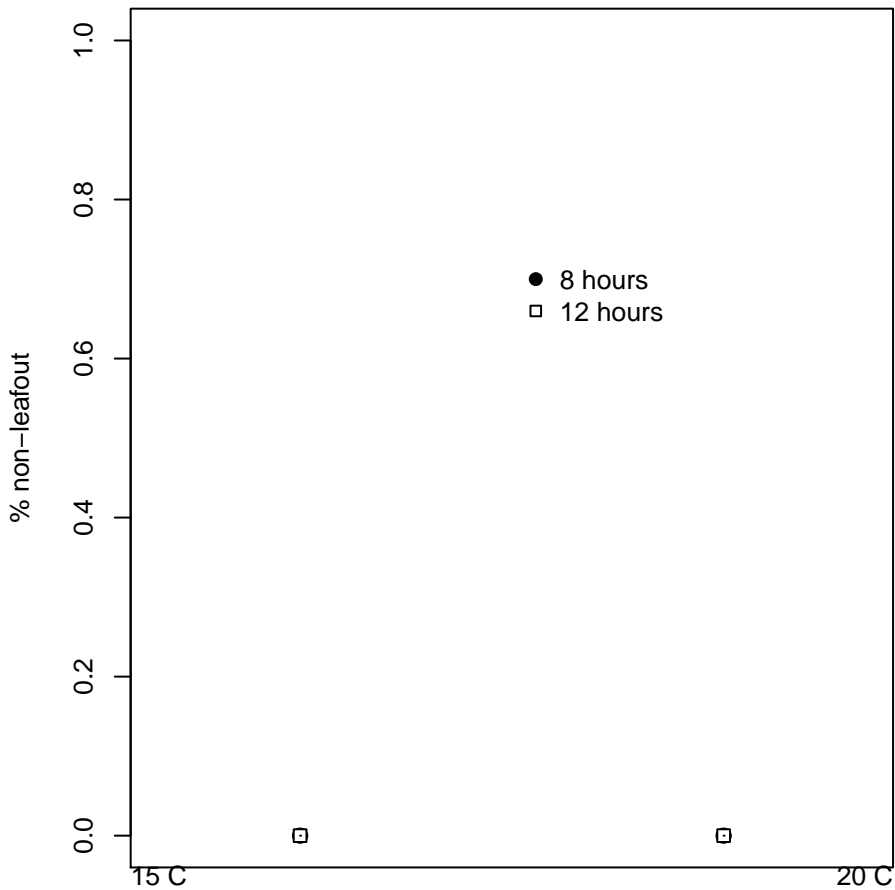
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	20.501	7004.707	0.003	0.998
warm20	0.124	10228.357	0	1
photo12	0.124	10228.357	0	1
chillchill1	−0.764	8480.088	0	1
chillchill2	−18.891	7004.707	−0.003	0.998
siteSH	0.124	10228.357	0	1
warm20:photo12	−0.248	14462.459	0	1
warm20:chillchill1	−18.251	11289.662	−0.002	0.999
warm20:chillchill2	−1.04	10228.357	0	1
warm20:siteSH	−19.14	12655.088	−0.002	0.999
photo12:chillchill1	−18.251	11289.662	−0.002	0.999
photo12:chillchill2	17.965	11252.93	0.002	0.999
photo12:siteSH	−0.248	14462.459	0	1
warm20:photo12:chillchill1	18.375	15231	0.001	0.999
warm20:photo12:chillchill2	−16.925	15204.337	−0.001	0.999
warm20:photo12:siteSH	0.373	17709.611	0	1
warm15:chillchill1:siteSH	9.126	268772.144	0	1
warm20:chillchill1:siteSH	37.142	8855.349	0.004	0.997
warm15:chillchill2:siteSH	17.965	11252.93	0.002	0.999
warm20:chillchill2:siteSH	19.932	7454.68	0.003	0.998
photo12:chillchill1:siteSH	9.126	268772.144	0	1
photo12:chillchill2:siteSH	−1.957	10228.357	0	1

CORCOR at Harvard Forest, USA
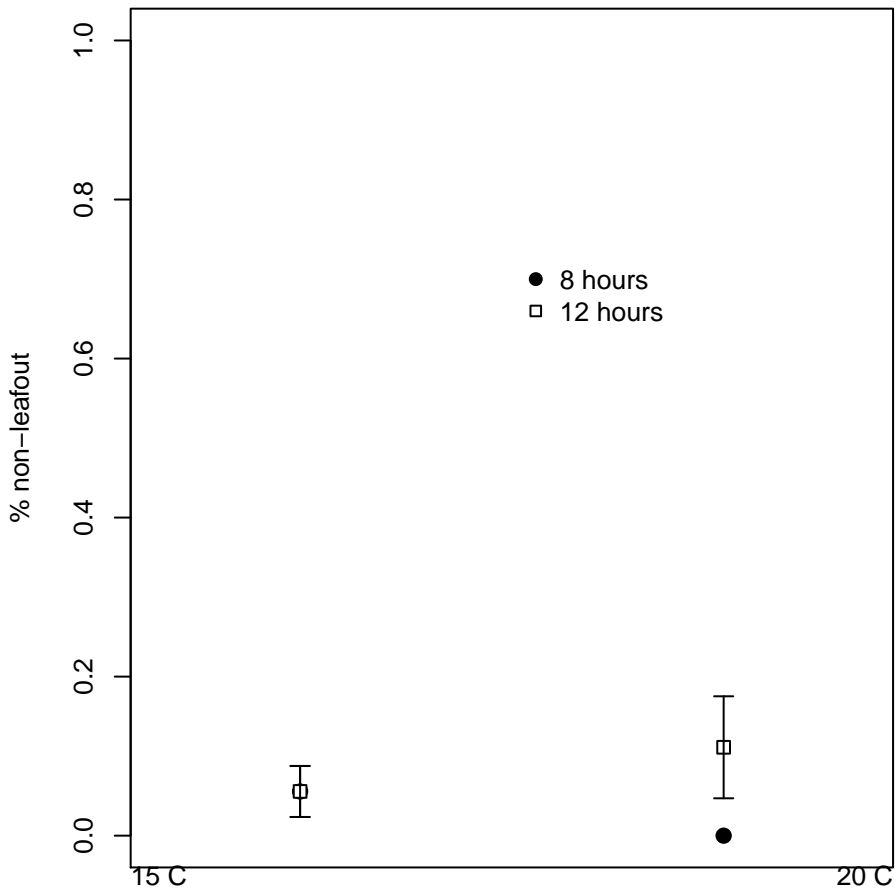
Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	1.609	1.095	1.469	0.142
warm20	18.957	7238.393	0.003	0.998
photo12	0	1.549	0	1
siteSH	18.957	7238.393	0.003	0.998
warm20:photo12	−19.873	7238.393	−0.003	0.998
warm20:siteSH	−18.957	12537.265	−0.002	0.999
photo12:siteSH	0	10236.634	0	1
warm20:photo12:siteSH	19.873	16185.539	0.001	0.999

FAGGRA at Harvard Forest, USA
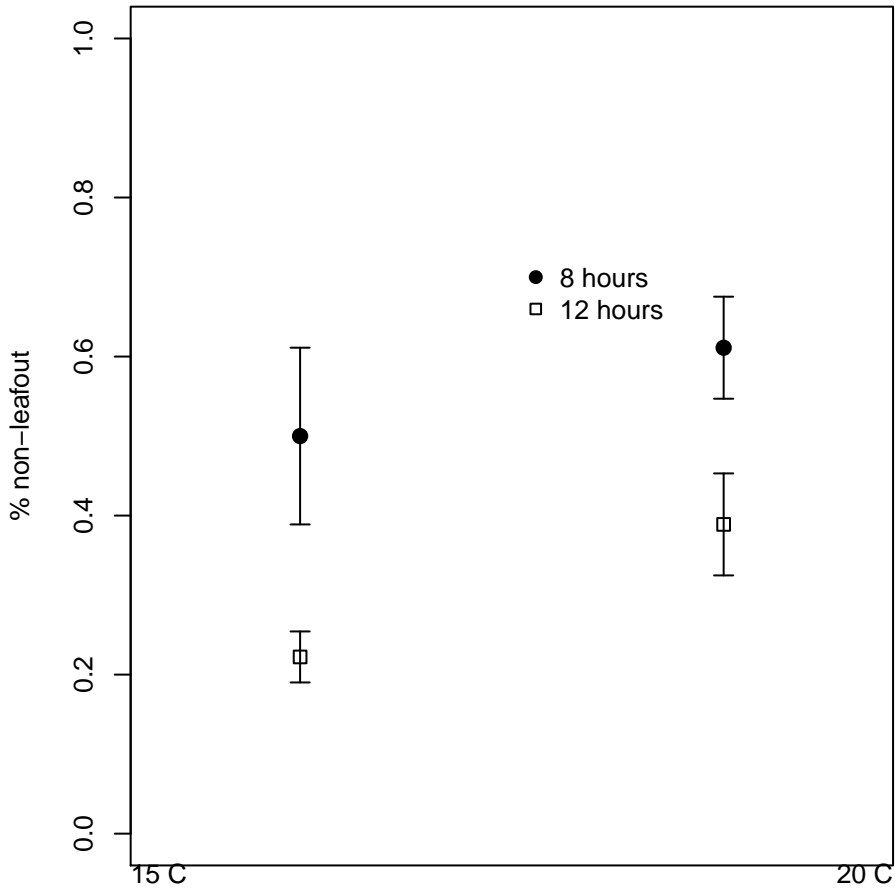
Saint Hippolyte, Qc
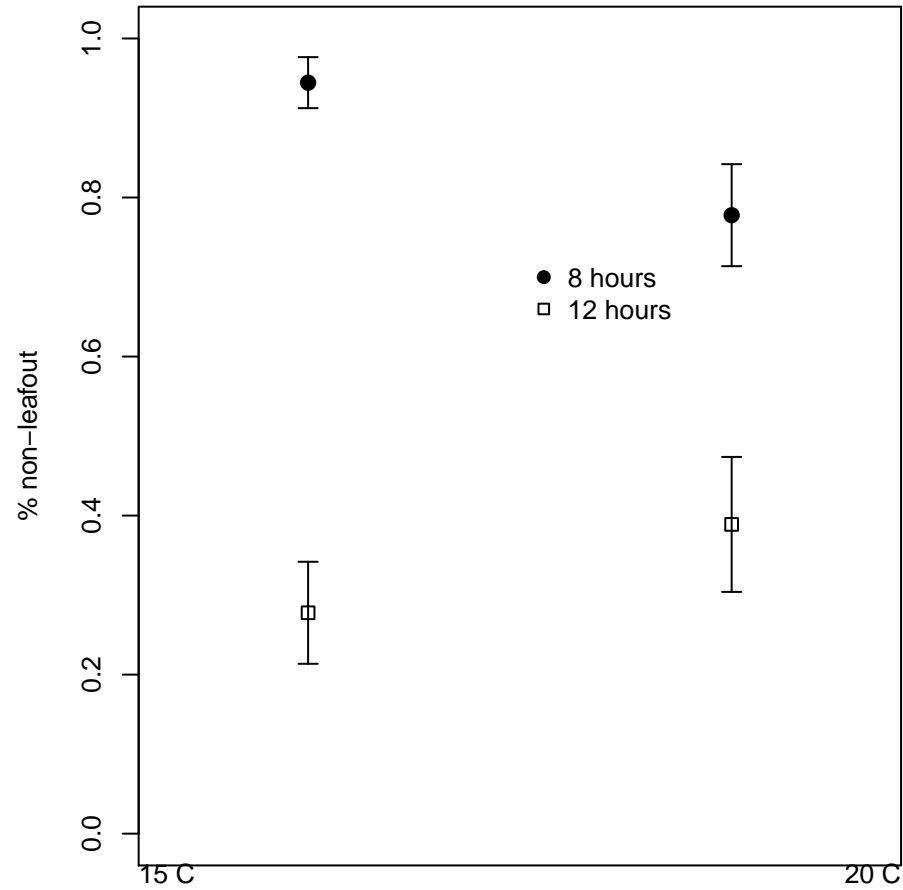
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	1.654	1.095	1.51	0.131
warm20	−1.678	1.347	−1.245	0.213
photo12	−0.087	1.504	−0.058	0.954
chillchill1	−1.678	1.347	−1.245	0.213
chillchill2	−3.263	1.549	−2.107	0.035
siteSH	−3.308	1.525	−2.169	0.03
warm20:photo12	0.136	1.843	0.074	0.941
warm20:chillchill1	1.727	1.727	1	0.317
warm20:chillchill2	1.678	2.053	0.817	0.414
warm20:siteSH	2.666	1.876	1.421	0.155
photo12:chillchill1	0.832	1.863	0.447	0.655
photo12:chillchill2	3.306	2.159	1.531	0.126
photo12:siteSH	3.395	2.074	1.637	0.102
warm20:photo12:chillchill1	0.661	2.41	0.274	0.784
warm20:photo12:chillchill2	−1.745	2.769	−0.63	0.528
warm20:photo12:siteSH	−3.498	2.504	−1.397	0.162
warm15:chillchill1:siteSH	−1.767	2.797	−0.632	0.527
warm20:chillchill1:siteSH	−0.103	1.625	−0.063	0.949
warm15:chillchill2:siteSH	−15.899	1001.404	−0.016	0.987
warm20:chillchill2:siteSH	−14.374	1001.4	−0.014	0.989
photo12:chillchill1:siteSH	0.935	2.363	0.396	0.692
photo12:chillchill2:siteSH	15.812	1001.401	0.016	0.987

FRANIG at Harvard Forest, USA
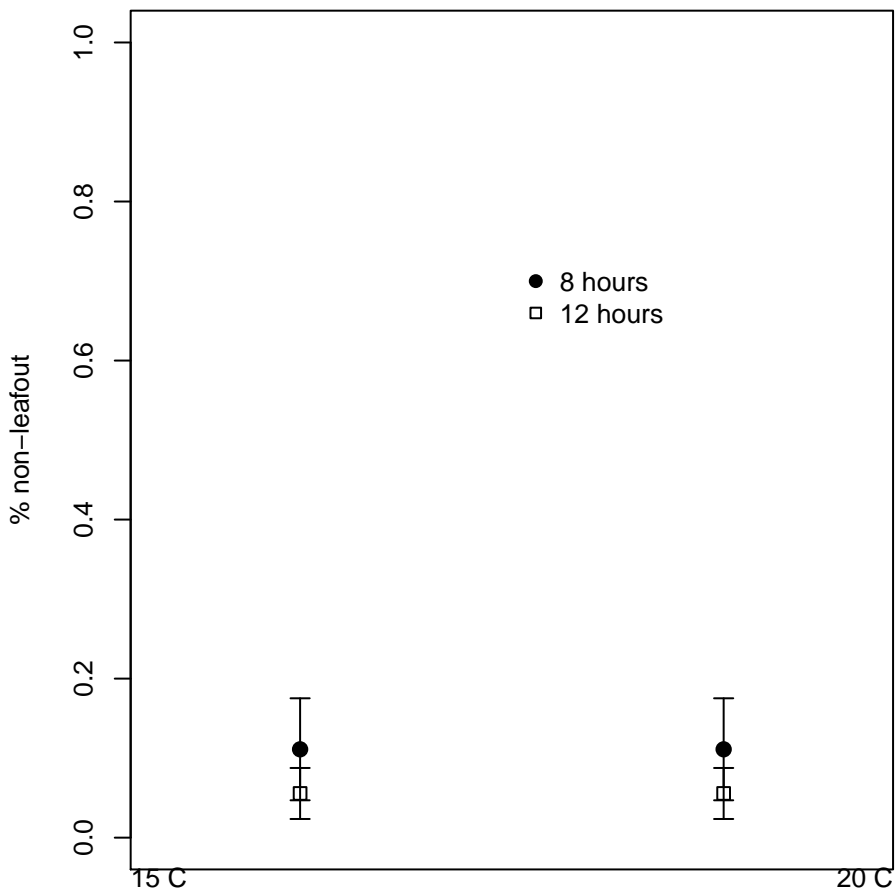
Saint Hippolyte, Qc
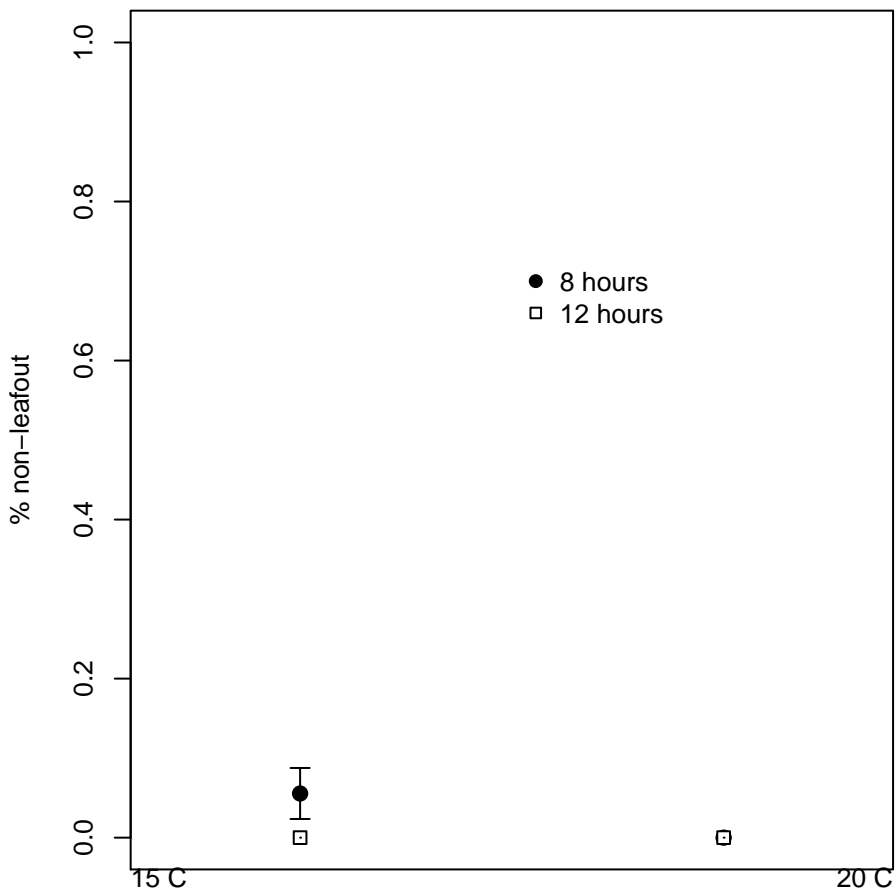
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	0.693	0.866	0.8	0.423
warm20	0	1.225	0	1
photo12	0.916	1.396	0.656	0.512
siteSH	0.916	1.396	0.656	0.512
warm20:photo12	0	1.975	0	1
warm20:siteSH	17.957	4390.308	0.004	0.997
photo12:siteSH	17.04	4390.308	0.004	0.997
warm20:photo12:siteSH	−17.957	7604.236	−0.002	0.998

HAMVIR at Harvard Forest, USA
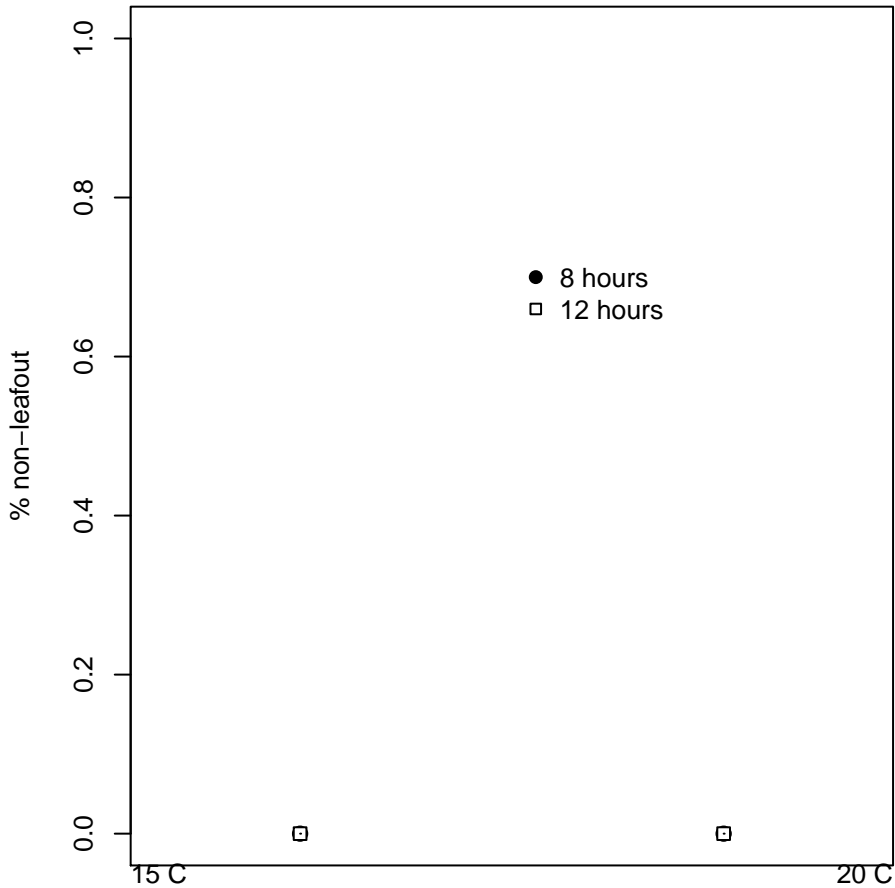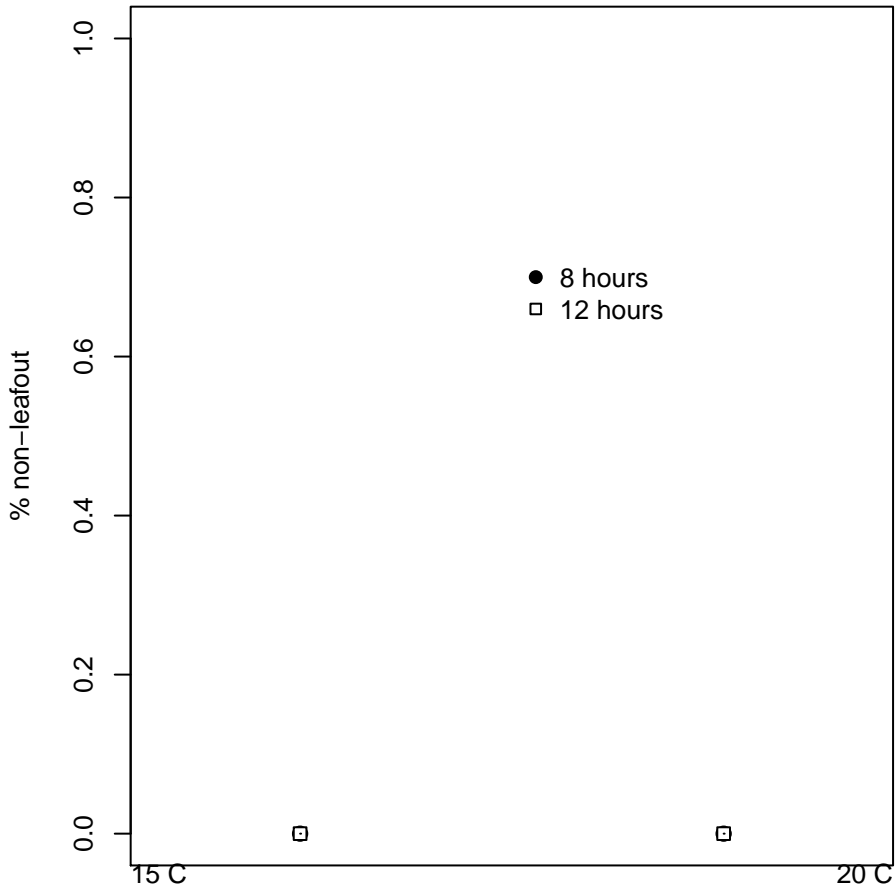
Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	25.566	88181.714	0	1
warm20	0	124707.775	0	1
photo12	0	124707.775	0	1
warm20:photo12	0	176363.427	0	1

ILEMUC at Harvard Forest, USA
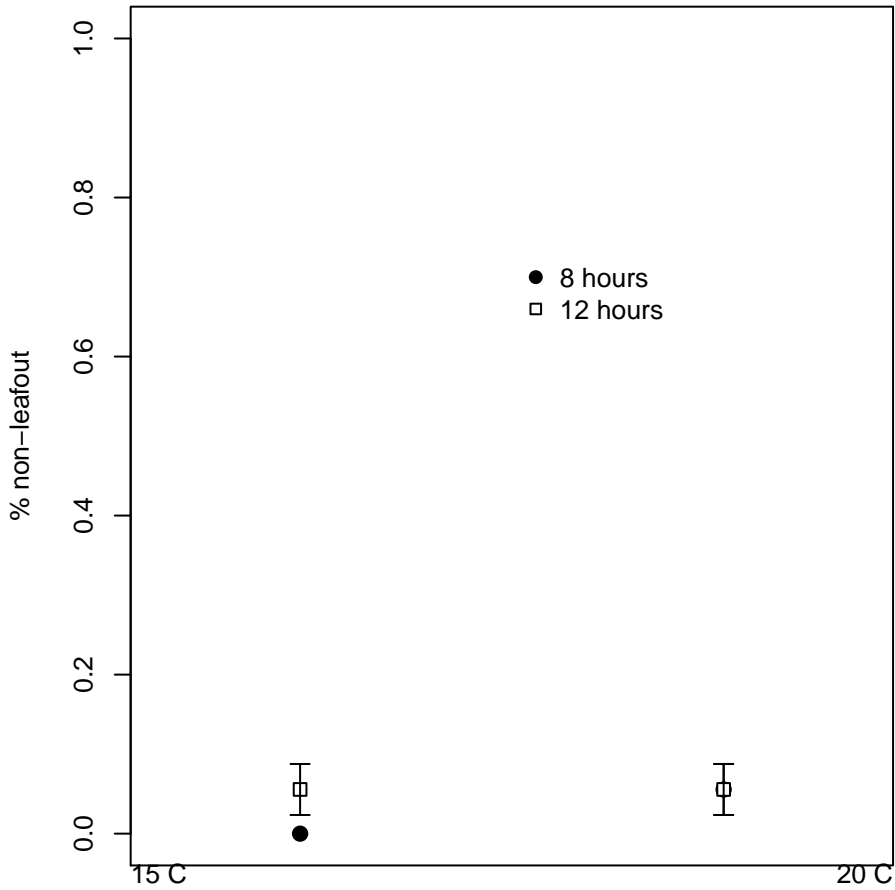
Saint Hippolyte, Qc
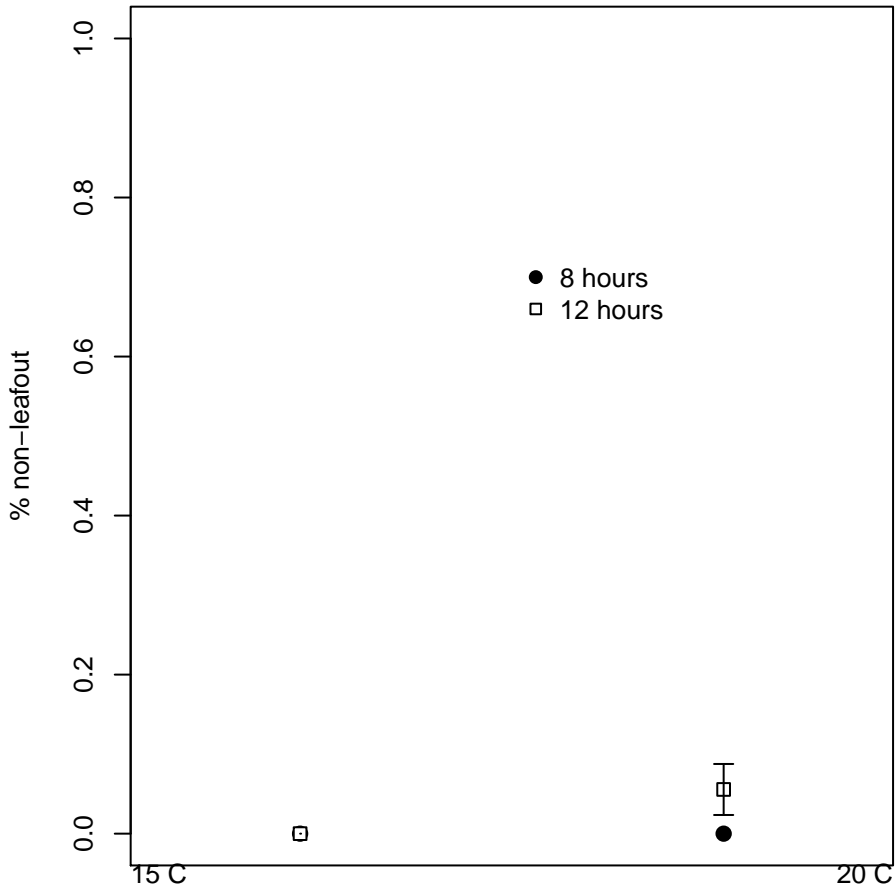
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	25.032	52393.031	0	1
warm20	−4.193	52736.257	0	1
photo12	−4.193	52736.257	0	1
chillchill1	−3.835	53083.097	0	1
chillchill2	−3.942	52979.145	0	1
siteSH	−4.193	52736.257	0	1
warm20:photo12	8.385	61574.355	0	1
warm20:chillchill1	5.132	54715.325	0	1
warm20:chillchill2	−15.288	53314.442	0	1
warm20:siteSH	8.385	61574.355	0	1
photo12:chillchill1	5.132	54715.325	0	1
photo12:chillchill2	−15.288	53314.442	0	1
photo12:siteSH	8.385	61574.355	0	1
warm20:photo12:chillchill1	−10.263	62808.683	0	1
warm20:photo12:chillchill2	11.095	61880.758	0	1
warm20:photo12:siteSH	−16.771	22349.617	−0.001	0.999
warm15:chillchill1:siteSH	5.132	54715.325	0	1
warm20:chillchill1:siteSH	−5.132	54715.324	0	1
warm15:chillchill2:siteSH	5.547	54811.023	0	1
warm20:chillchill2:siteSH	15.288	53314.44	0	1
photo12:chillchill1:siteSH	−10.263	62808.683	0	1
photo12:chillchill2:siteSH	9.74	62461.23	0	1

KALANG at Harvard Forest, USA
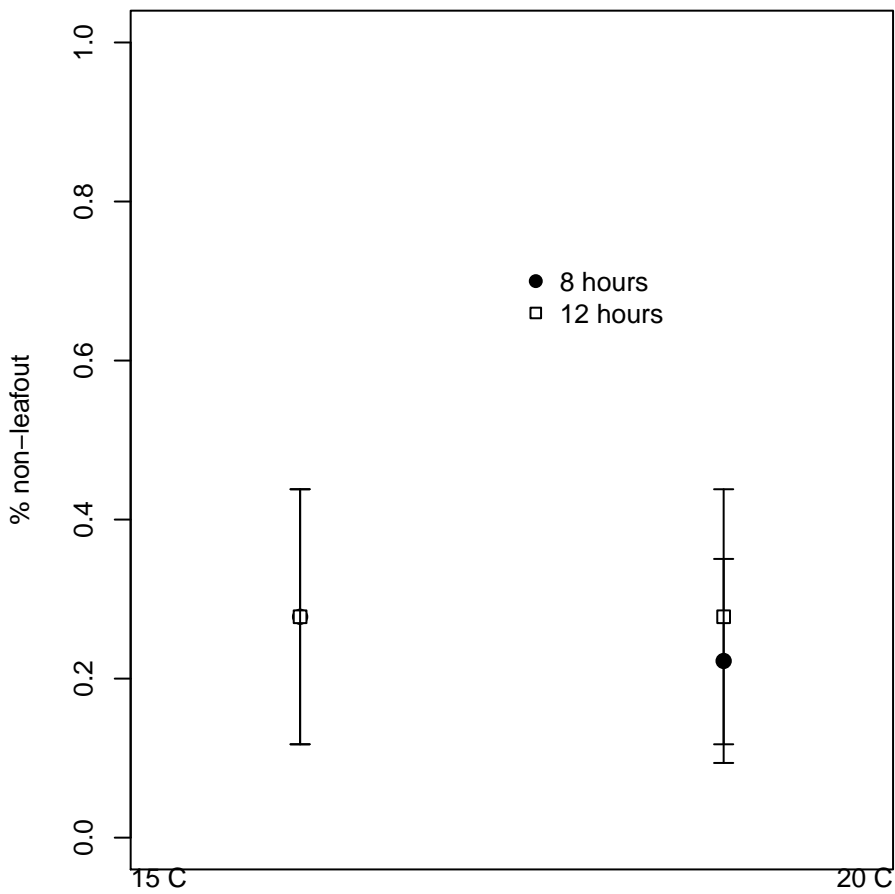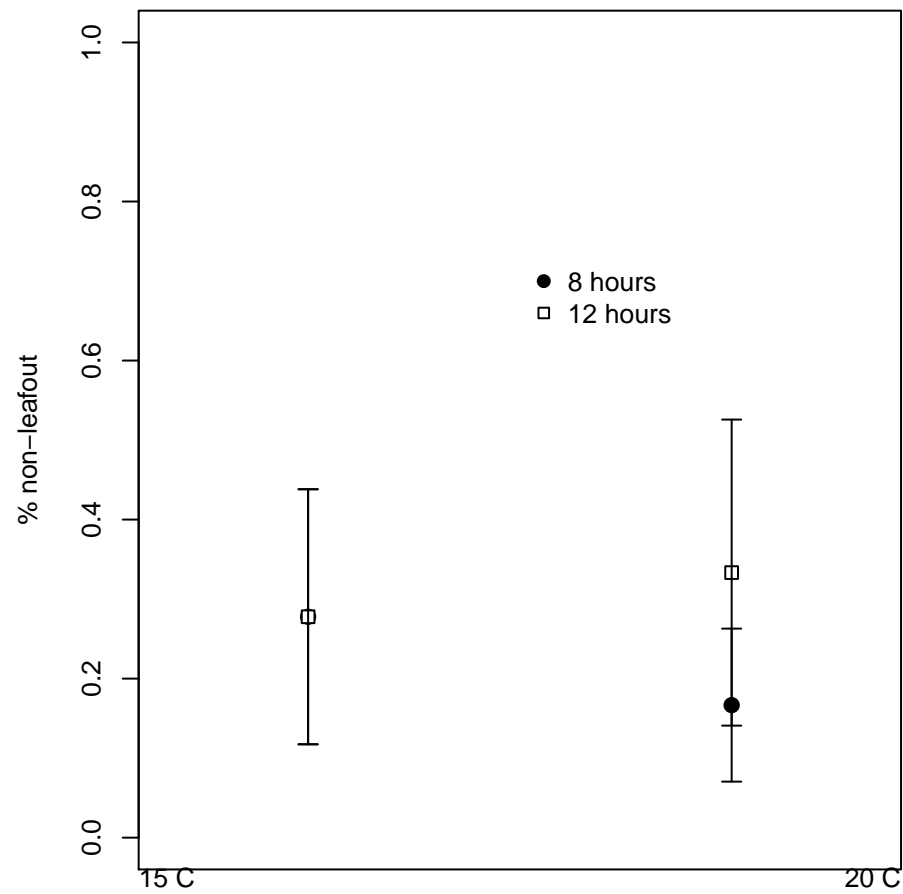
Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	−1.609	1.095	−1.469	0.142
warm20	0.916	1.396	0.656	0.512
photo12	0	1.549	0	1
siteSH	0	1.549	0	1
warm20:photo12	−0.916	2.086	−0.439	0.66
warm20:siteSH	0.693	1.954	0.355	0.723
photo12:siteSH	0	2.191	0	1
warm20:photo12:siteSH	−17.65	2662.857	−0.007	0.995

LONCAN at Harvard Forest, USA
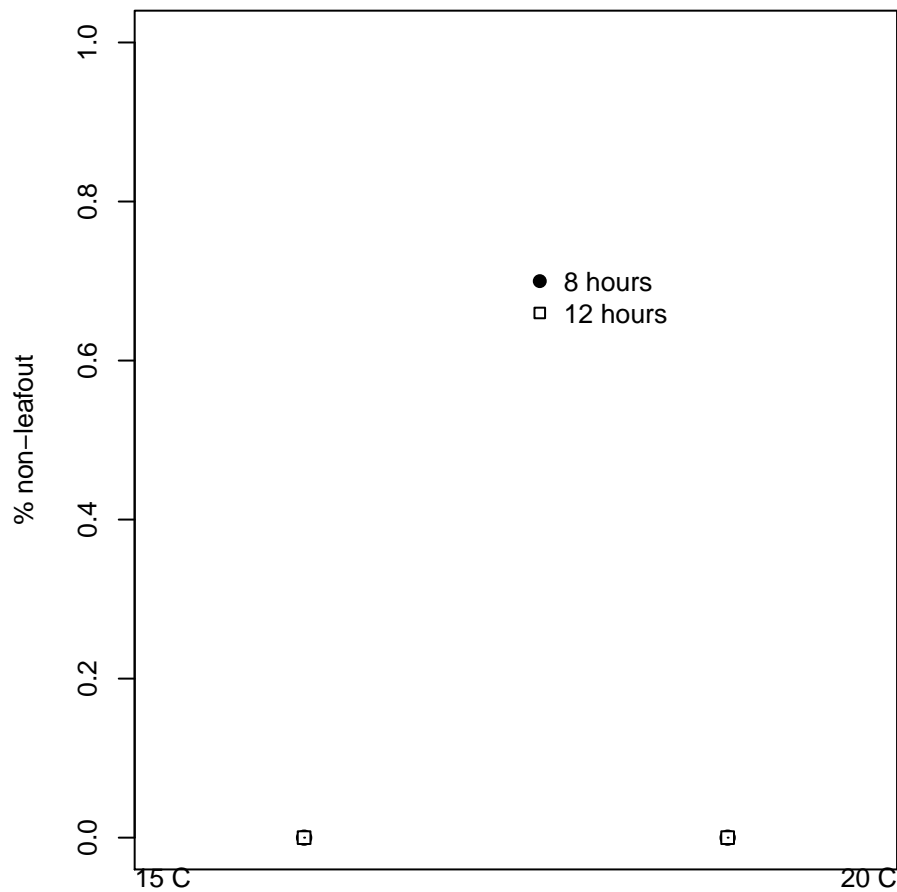
Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	21.566	11934.093	0.002	0.999
warm20	0	16877.356	0	1
photo12	0	16877.356	0	1
siteSH	0	20670.455	0	1
warm20:photo12	−19.957	20670.455	−0.001	0.999
warm20:siteSH	0	29232.438	0	1
photo12:siteSH	0	29232.438	0	1
warm20:photo12:siteSH	19.957	39580.908	0.001	1

LYOLIG at Harvard Forest, USA
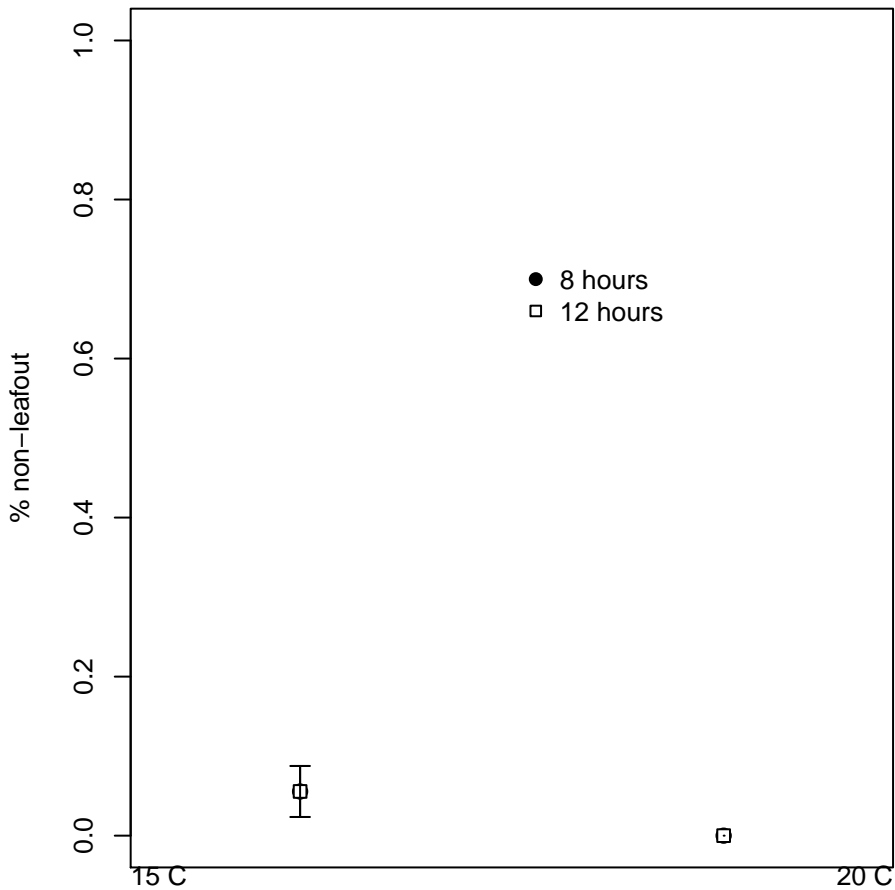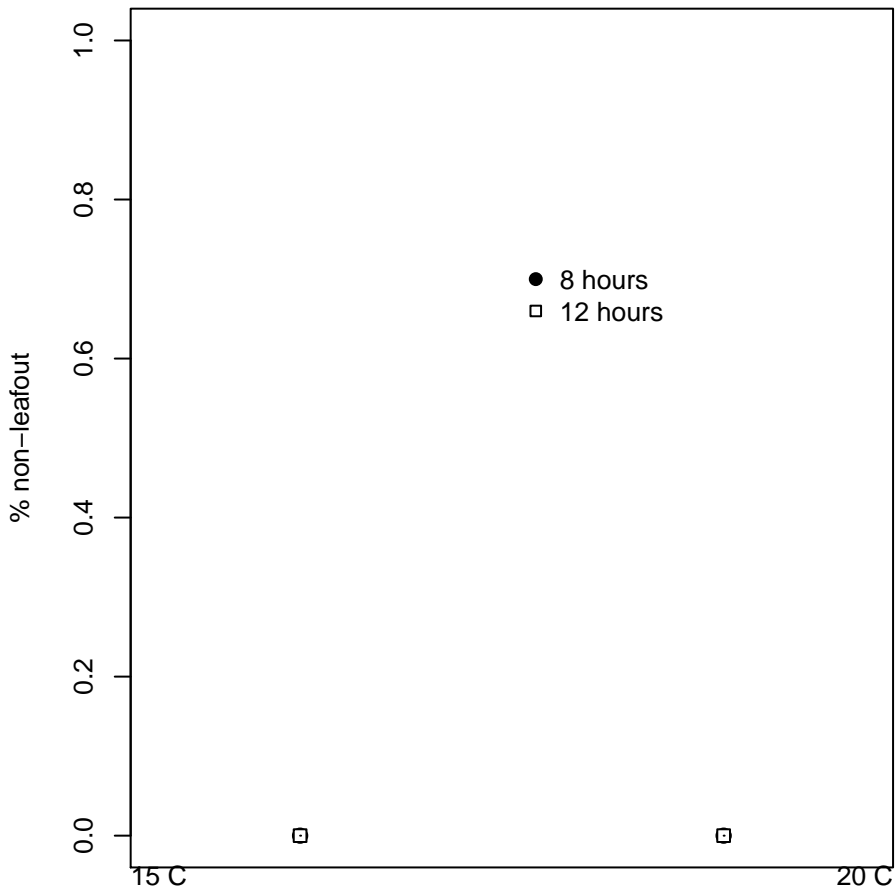
Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	1.609	1.095	1.469	0.142
warm20	18.957	7238.393	0.003	0.998
photo12	0	1.549	0	1
warm20:photo12	0	10236.634	0	1

NYSSYL at Harvard Forest, USA
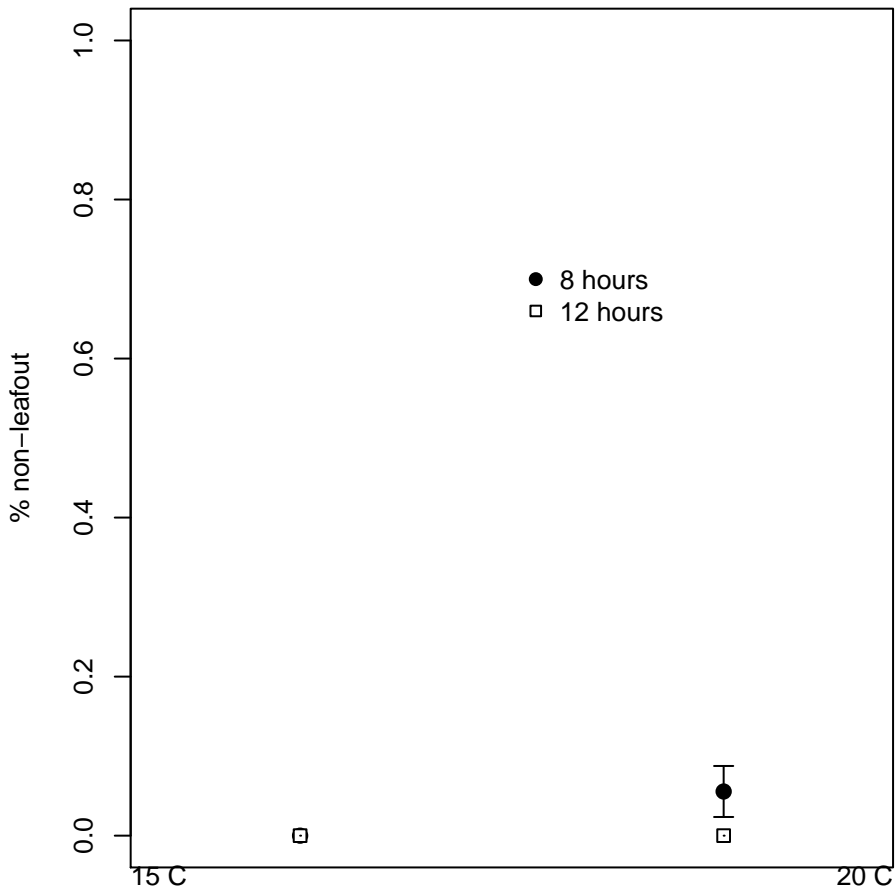
Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	21.566	11934.093	0.002	0.999
warm20	−19.957	11934.093	−0.002	0.999
photo12	0	16877.356	0	1
warm20:photo12	19.957	20670.455	0.001	0.999

POPGRA at Harvard Forest, USA
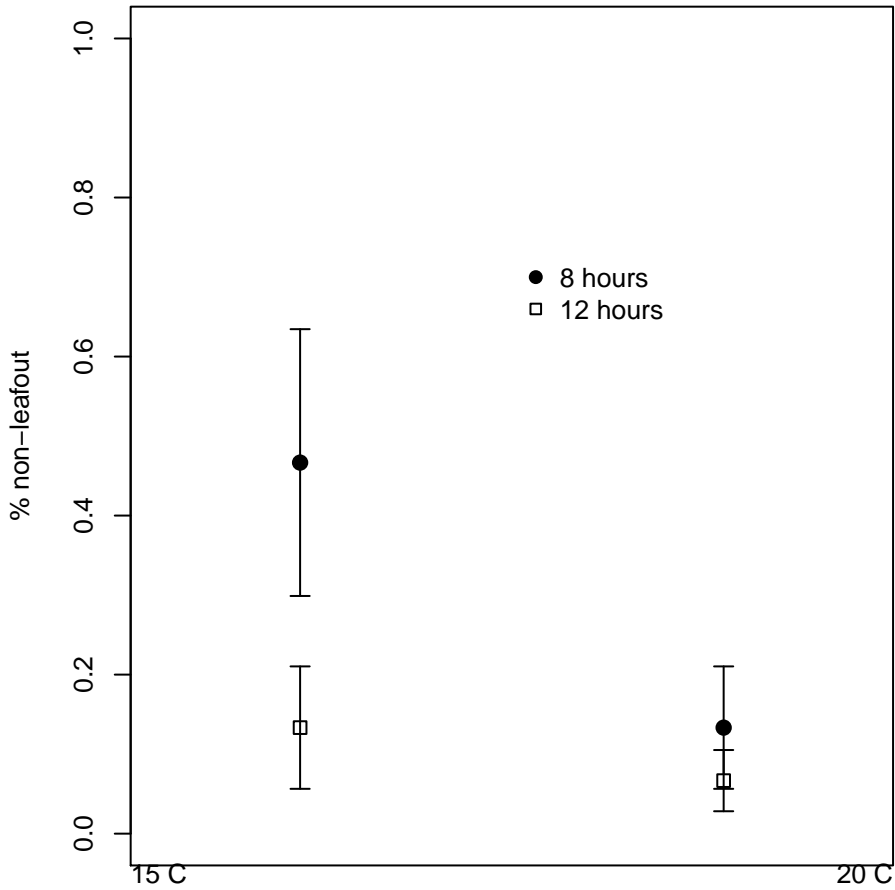
Saint Hippolyte, Qc
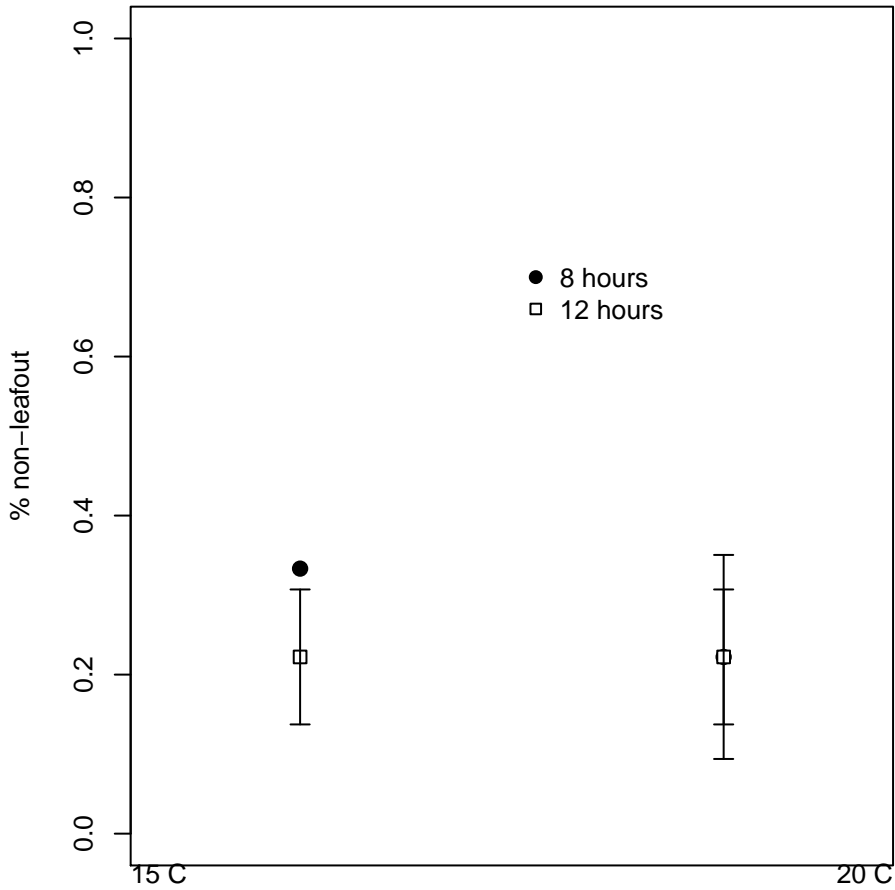
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	19.669	5062.883	0.004	0.997
warm20	18.717	21221690.321	0	1
photo12	17.154	21221690.321	0	1
chillchill1	−19.263	5062.884	−0.004	0.997
chillchill2	−38.858	6442.099	−0.006	0.995
siteSH	−18.976	5062.884	−0.004	0.997
warm20:photo12	−35.87	25653.781	−0.001	0.999
warm20:chillchill1	10.483	21225475.135	0	1
warm20:chillchill2	0.878	21221690.321	0	1
warm20:siteSH	0.369	21221690.321	0	1
photo12:chillchill1	12.046	21225475.135	0	1
photo12:chillchill2	2.441	21221690.321	0	1
photo12:siteSH	1.933	21221690.321	0	1
warm20:photo12:chillchill1	−3.24	25820.121	0	1
warm20:photo12:chillchill2	17.257	25342.625	0.001	0.999
warm20:photo12:siteSH	20	3983.448	0.005	0.996
warm15:chillchill1:siteSH	19.263	5062.884	0.004	0.997
warm20:chillchill1:siteSH	8.805	21225475.135	0	1
warm15:chillchill2:siteSH	38.858	6442.099	0.006	0.995
warm20:chillchill2:siteSH	17.508	21221690.321	0	1
photo12:chillchill1:siteSH	−30.216	21225475.135	0	1
photo12:chillchill2:siteSH	−22.22	21221690.321	0	1
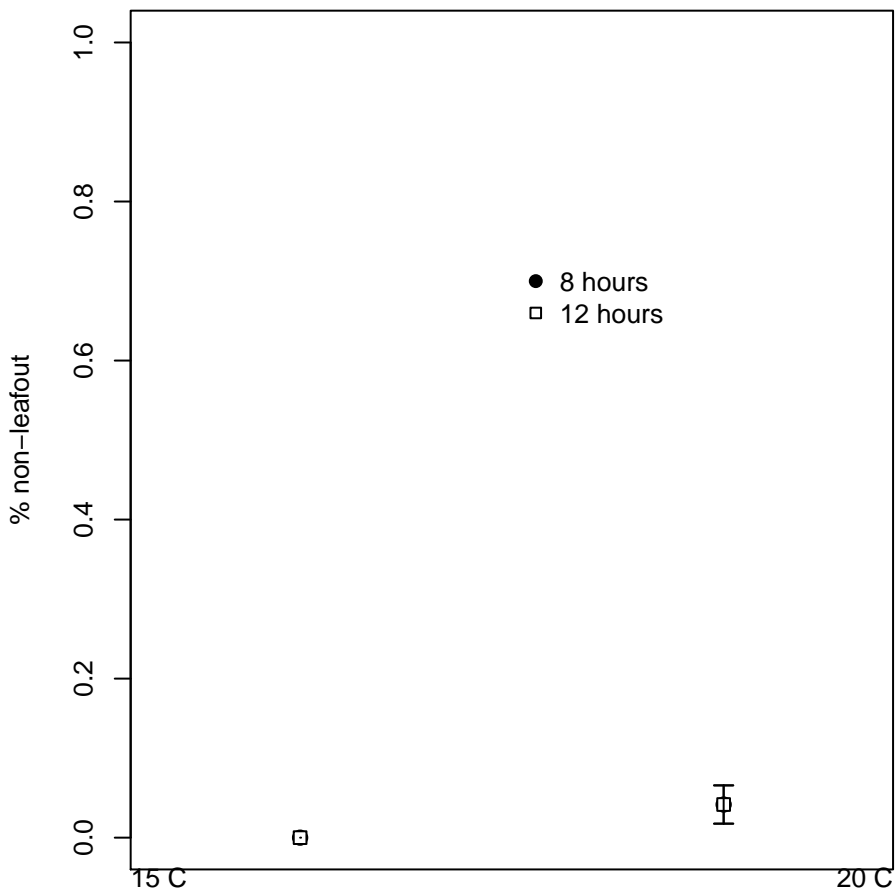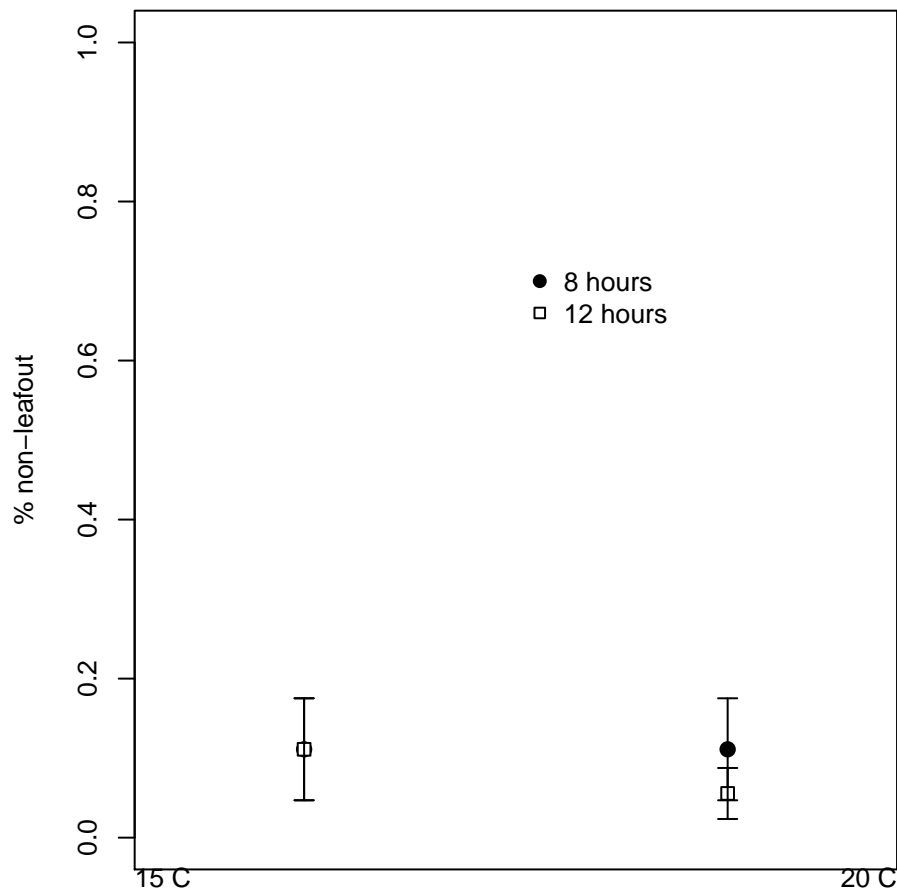
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	19.566	3802.118	0.005	0.996
warm20	−17.62	3802.118	−0.005	0.996
photo12	0	5377.006	0	1
siteSH	−18.873	3802.118	−0.005	0.996
warm20:photo12	0	5377.007	0	1
warm20:siteSH	17.62	3802.118	0.005	0.996
photo12:siteSH	0	5377.007	0	1
warm20:photo12:siteSH	0.916	5377.007	0	1
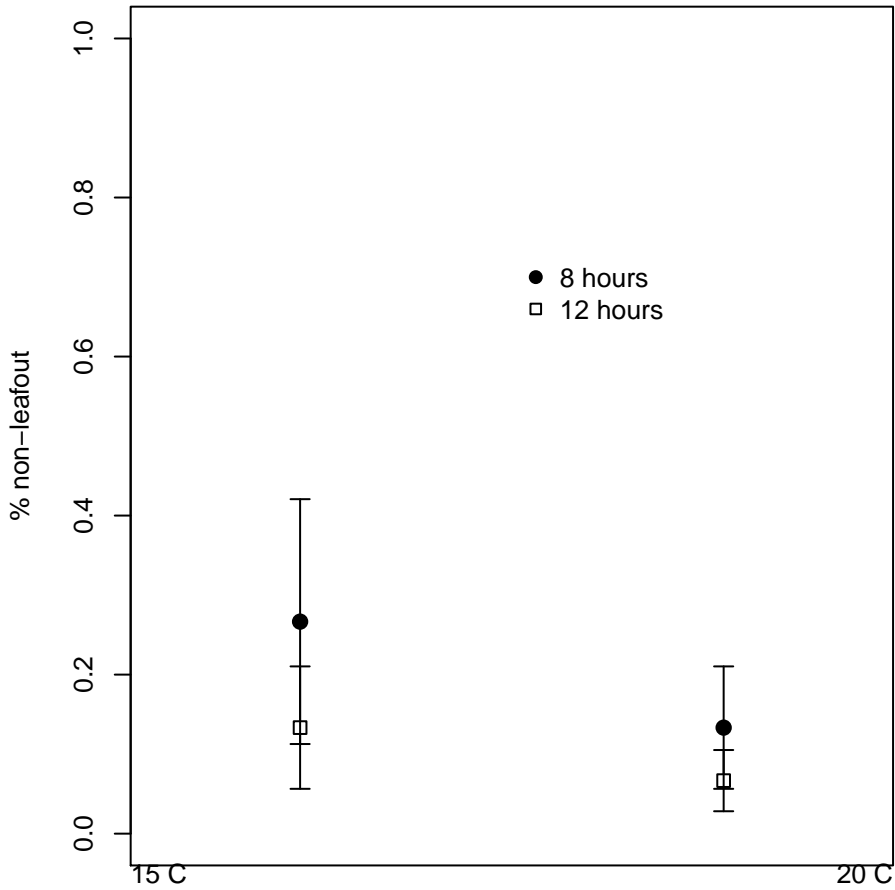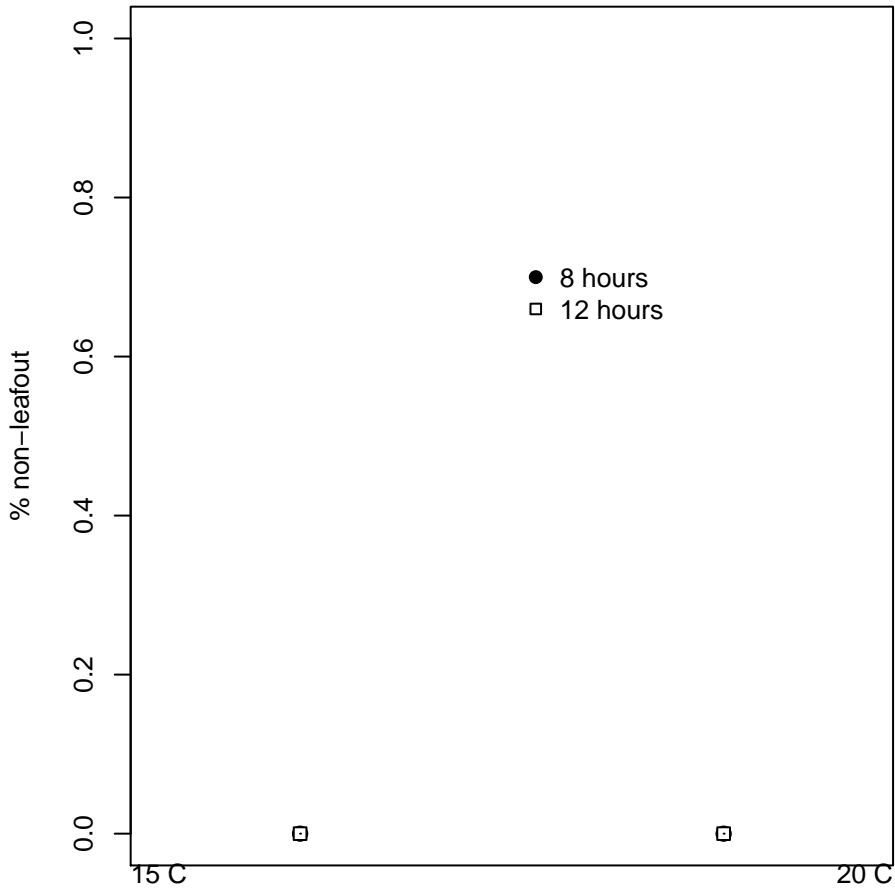
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	−1.386	1.118	−1.24	0.215
warm20	1.792	1.443	1.241	0.214
photo12	1.792	1.443	1.241	0.214
warm20:photo12	−0.811	2.041	−0.397	0.691

QUERUB at Harvard Forest, USA
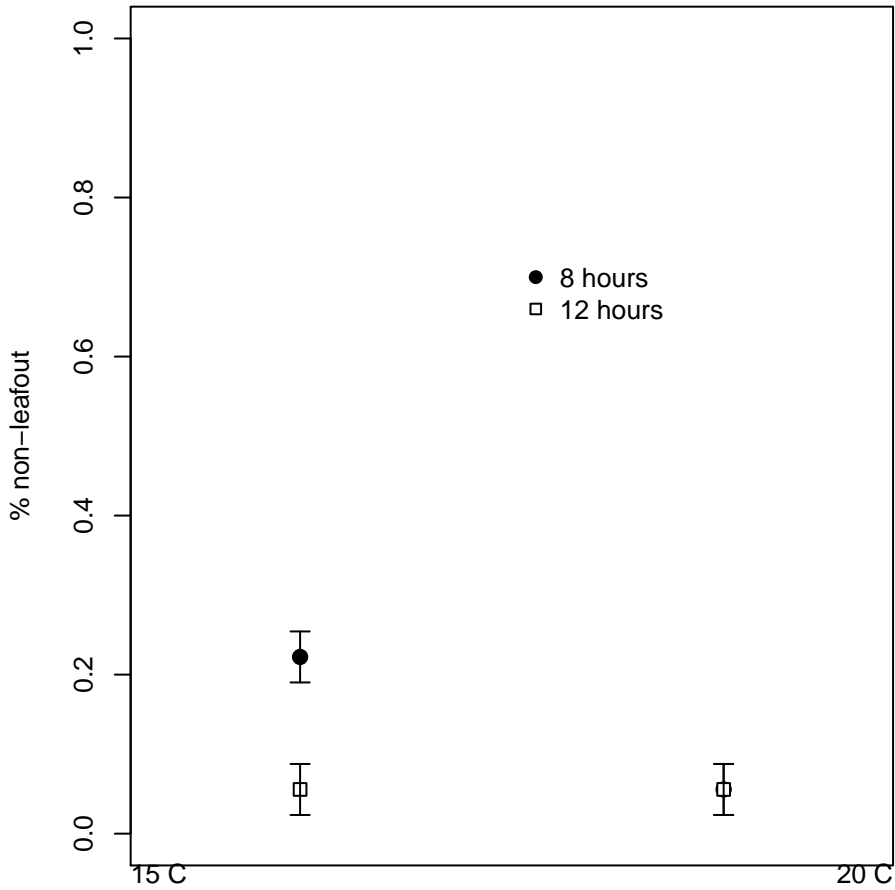
Saint Hippolyte, Qc
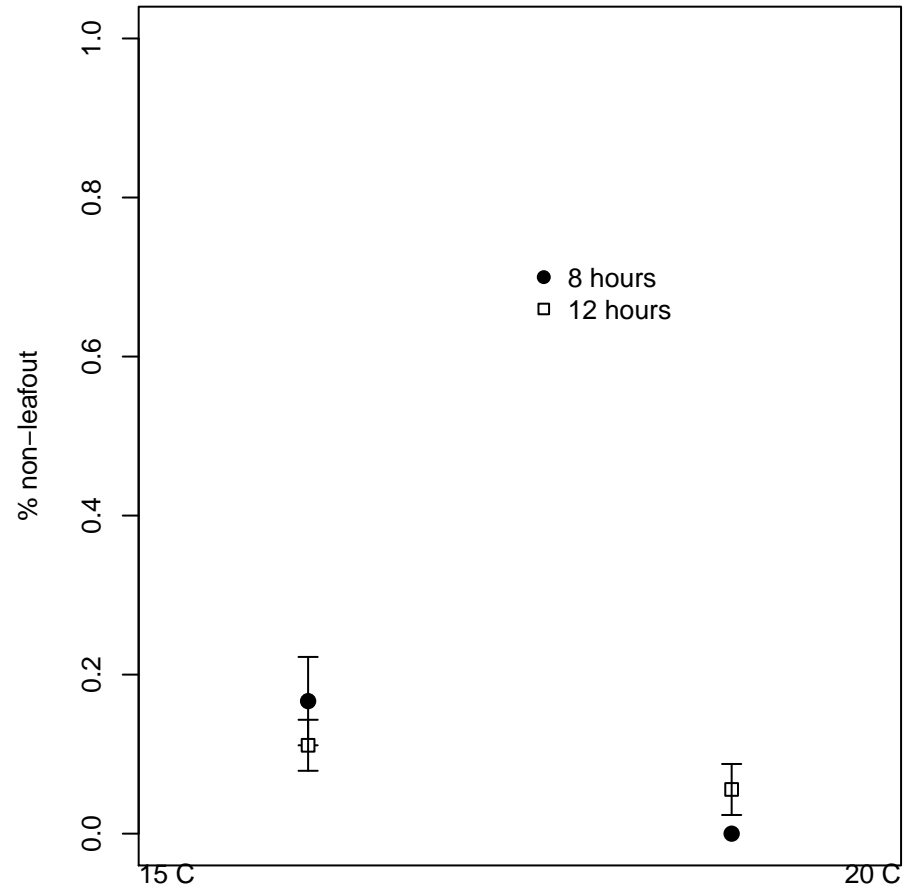
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	1.609	1.095	1.469	0.142
warm20	20.136	11188.608	0.002	0.999
photo12	0	1.549	0	1
chillchill1	0	1.549	0	1
chillchill2	−0.916	1.396	−0.656	0.512
siteSH	−0.916	1.396	−0.656	0.512
warm20:photo12	−1.747	11738.6	0	1
warm20:chillchill1	−20.136	11188.608	−0.002	0.999
warm20:chillchill2	0.222	12414.25	0	1
warm20:siteSH	−0.831	11738.6	0	1
photo12:chillchill1	18.175	4897.75	0.004	0.997
photo12:chillchill2	20.358	8590.104	0.002	0.998
photo12:siteSH	0.916	2.086	0.439	0.66
warm20:photo12:chillchill1	−16.428	12717.375	−0.001	0.999
warm20:photo12:chillchill2	−19.442	12238.051	−0.002	0.999
warm20:photo12:siteSH	2.578	12301.638	0	1
warm15:chillchill1:siteSH	19.092	4897.75	0.004	0.997
warm20:chillchill1:siteSH	27.721	133702.708	0	1
warm15:chillchill2:siteSH	1.833	1.975	0.928	0.353
warm20:chillchill2:siteSH	0.916	12690.203	0	1
photo12:chillchill1:siteSH	−11.293	133470.32	0	1
photo12:chillchill2:siteSH	−21.275	8590.105	−0.002	0.998

QUEVEL at Harvard Forest, USA
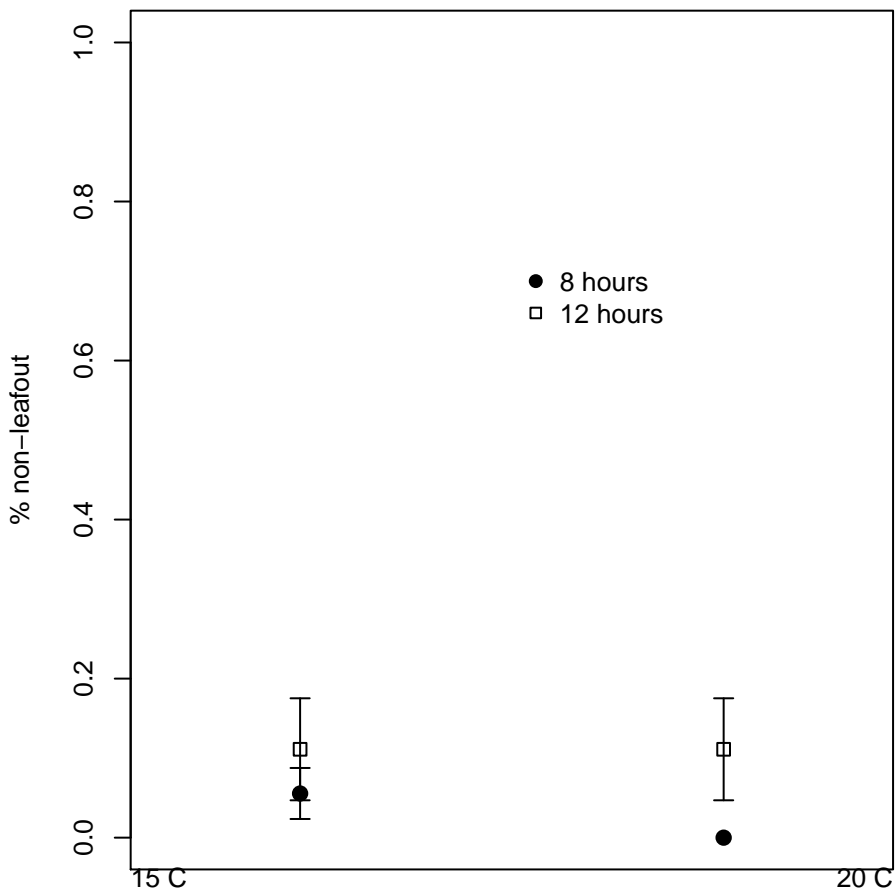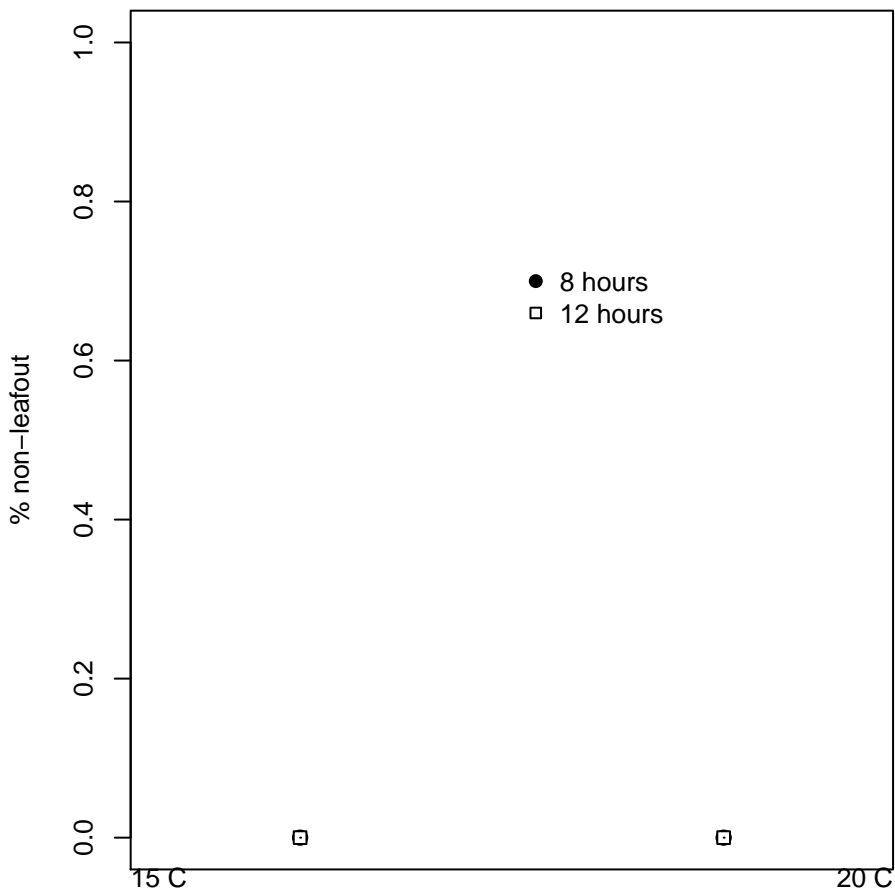
Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	1.609	1.095	1.469	0.142
warm20	16.957	2662.856	0.006	0.995
photo12	−0.916	1.396	−0.656	0.512
warm20:photo12	−16.957	2662.857	−0.006	0.995

RHAFRA at Harvard Forest, USA
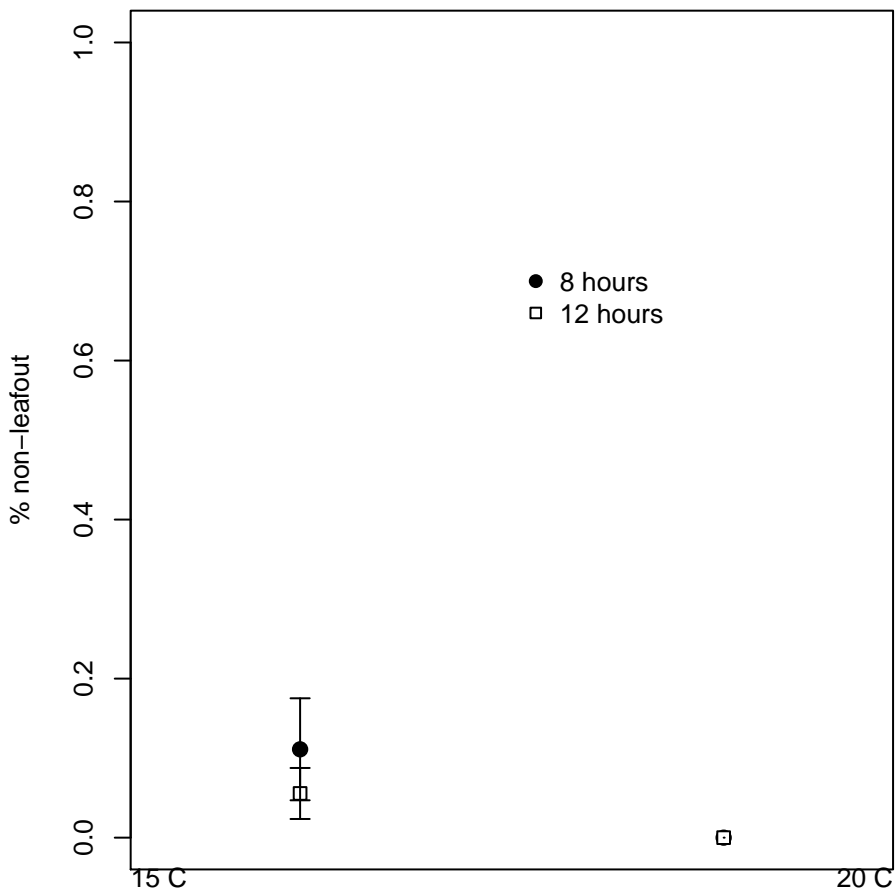
Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	0.693	0.866	0.8	0.423
warm20	18.873	4390.308	0.004	0.997
photo12	0.916	1.396	0.656	0.512
warm20:photo12	−0.916	6208.832	0	1

RHOPRI at Harvard Forest, USA
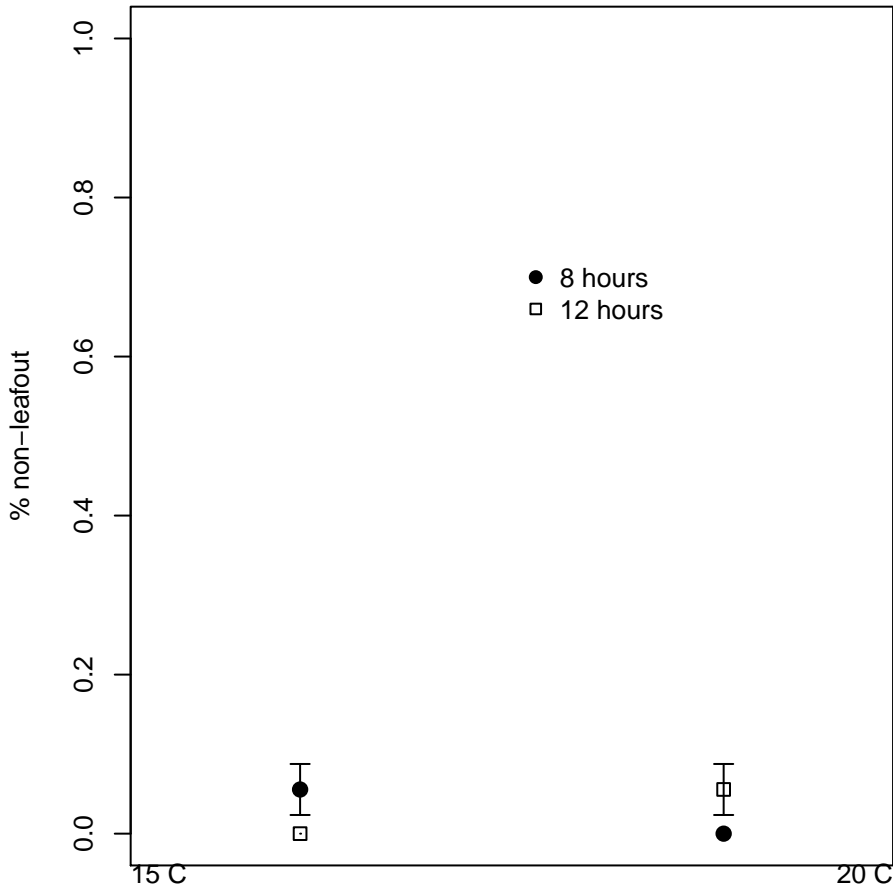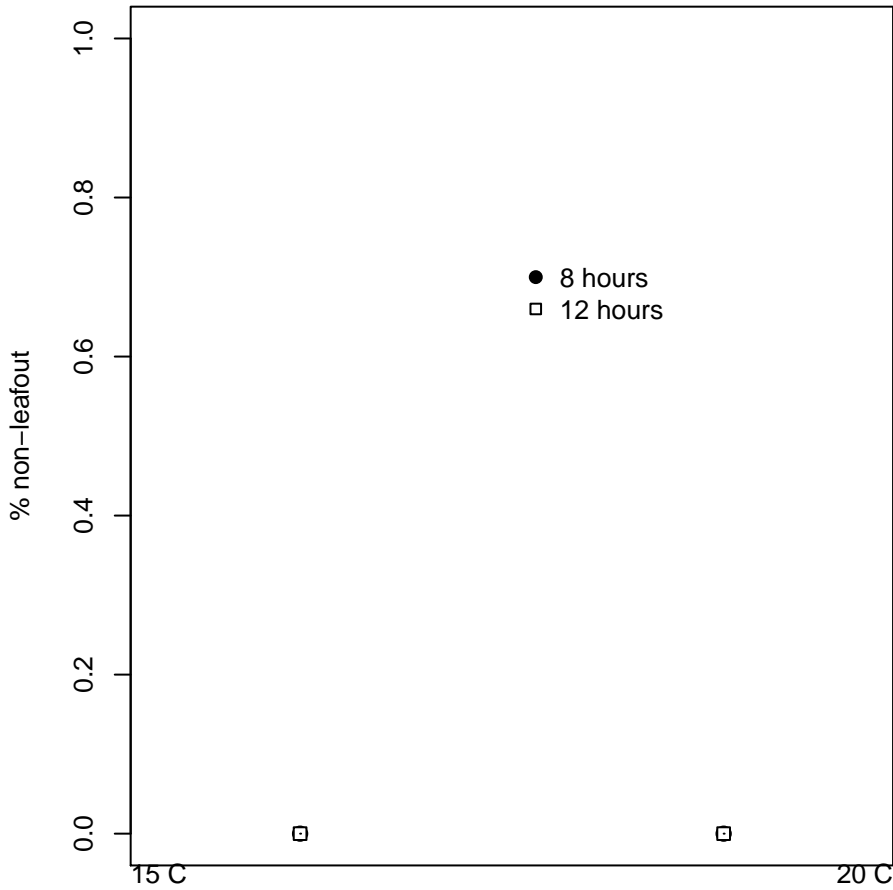
Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	1.609	1.095	1.469	0.142
warm20	18.957	7238.393	0.003	0.998
photo12	18.957	7238.393	0.003	0.998
warm20:photo12	−37.913	10236.634	−0.004	0.997

SPIALB at Harvard Forest, USA
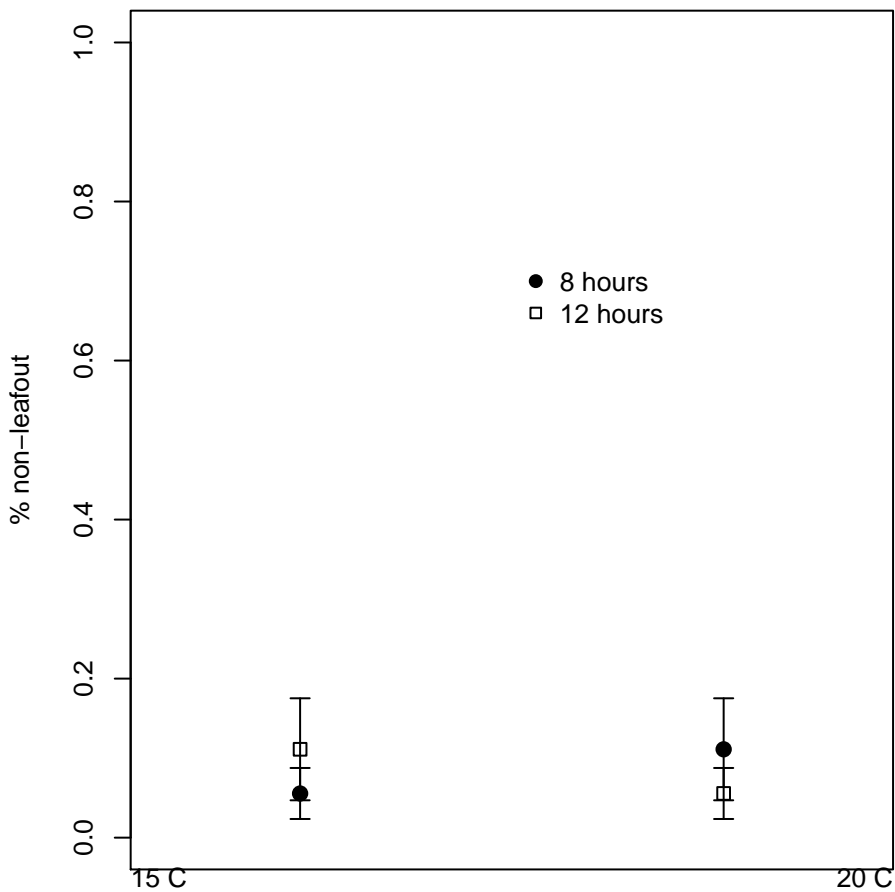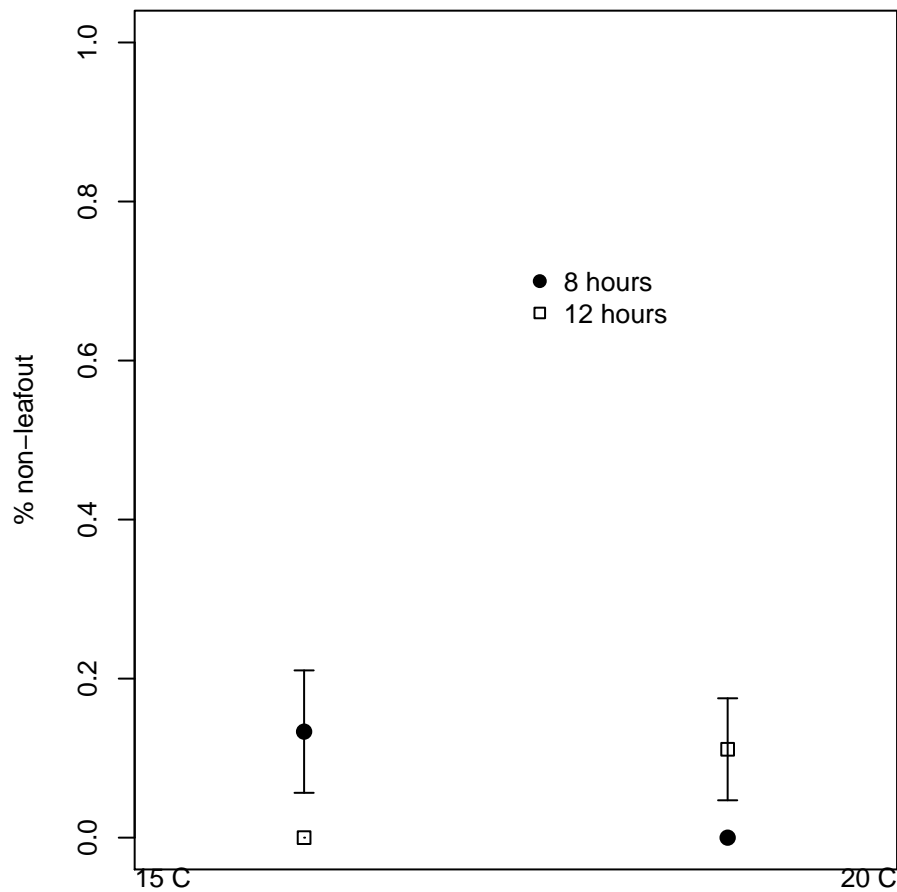
% non-leafout

- ● 8 hours
- □ 12 hours

15 C   20 C

Saint Hippolyte, Qc

% non-leafout

- ● 8 hours
- □ 12 hours

15 C   20 C

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	1.609	1.095	1.469	0.142
warm20	−0.916	1.396	−0.656	0.512
photo12	−0.916	1.396	−0.656	0.512
siteSH	−1.204	1.426	−0.844	0.398
warm20:photo12	1.833	1.975	0.928	0.353
warm20:siteSH	19.077	3765.848	0.005	0.996
photo12:siteSH	19.077	2917.013	0.007	0.995
warm20:photo12:siteSH	−37.866	4763.462	−0.008	0.994

VACMYR at Harvard Forest, USA
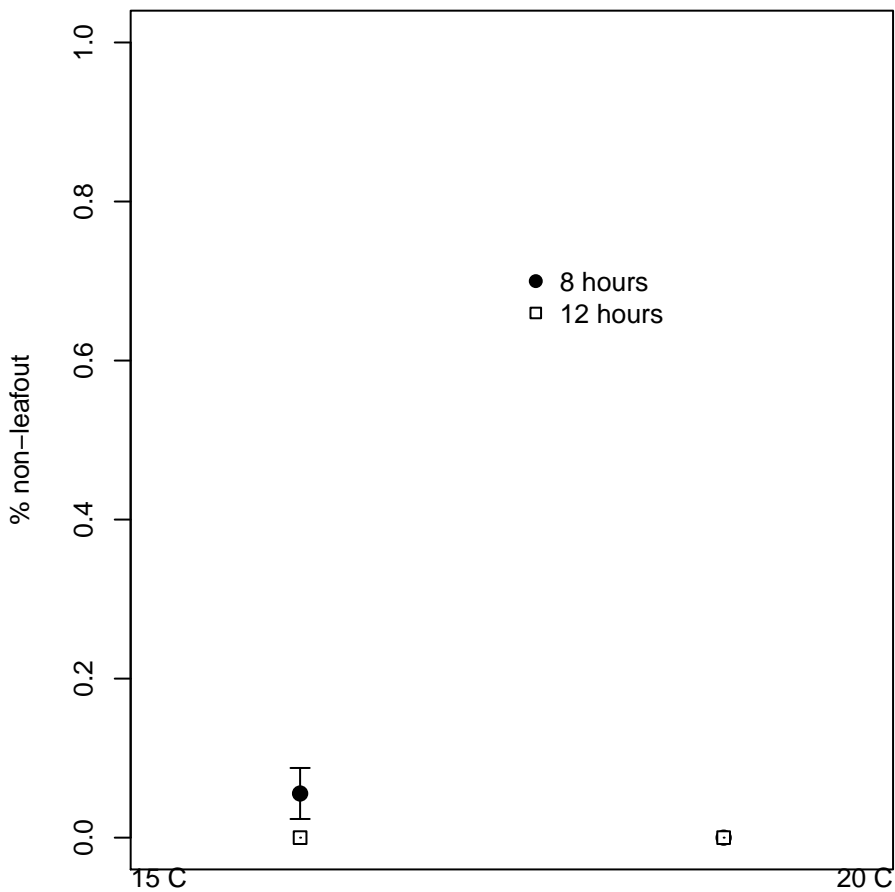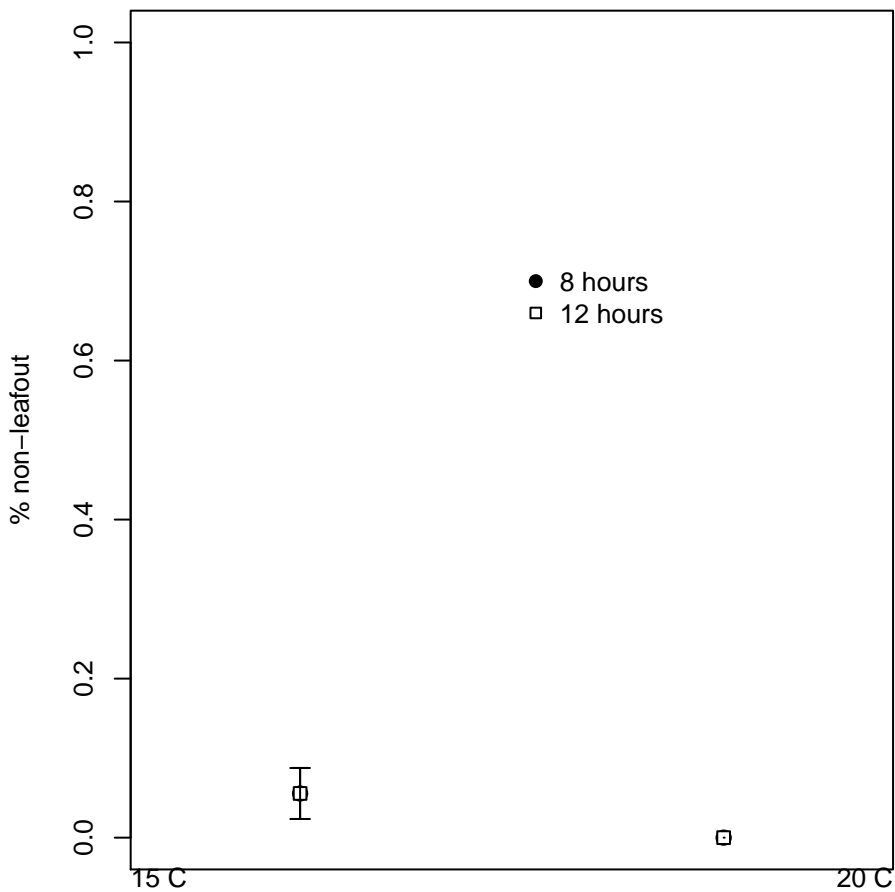
Saint Hippolyte, Qc

	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	1.609	1.095	1.469	0.142
warm20	18.957	7238.393	0.003	0.998
photo12	18.957	7238.393	0.003	0.998
siteSH	0	1.549	0	1
warm20:photo12	−18.957	12537.265	−0.002	0.999
warm20:siteSH	0	10236.634	0	1
photo12:siteSH	−18.957	7238.393	−0.003	0.998
warm20:photo12:siteSH	18.957	16185.539	0.001	0.999

VIBCAS at Harvard Forest, USA
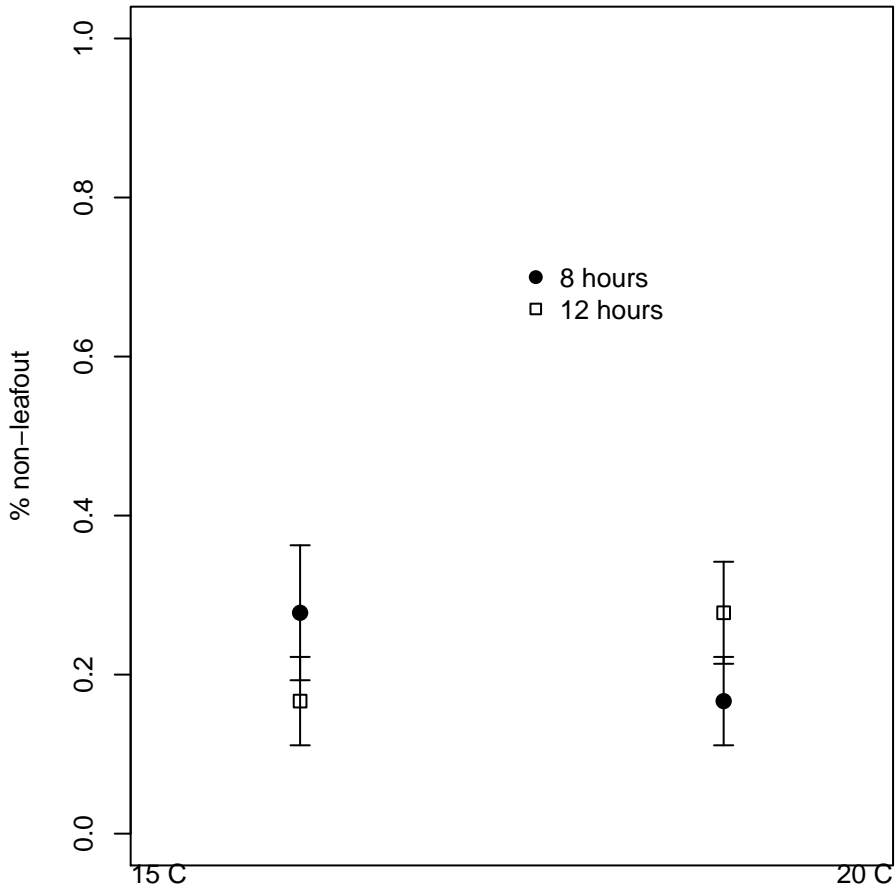
Saint Hippolyte, Qc
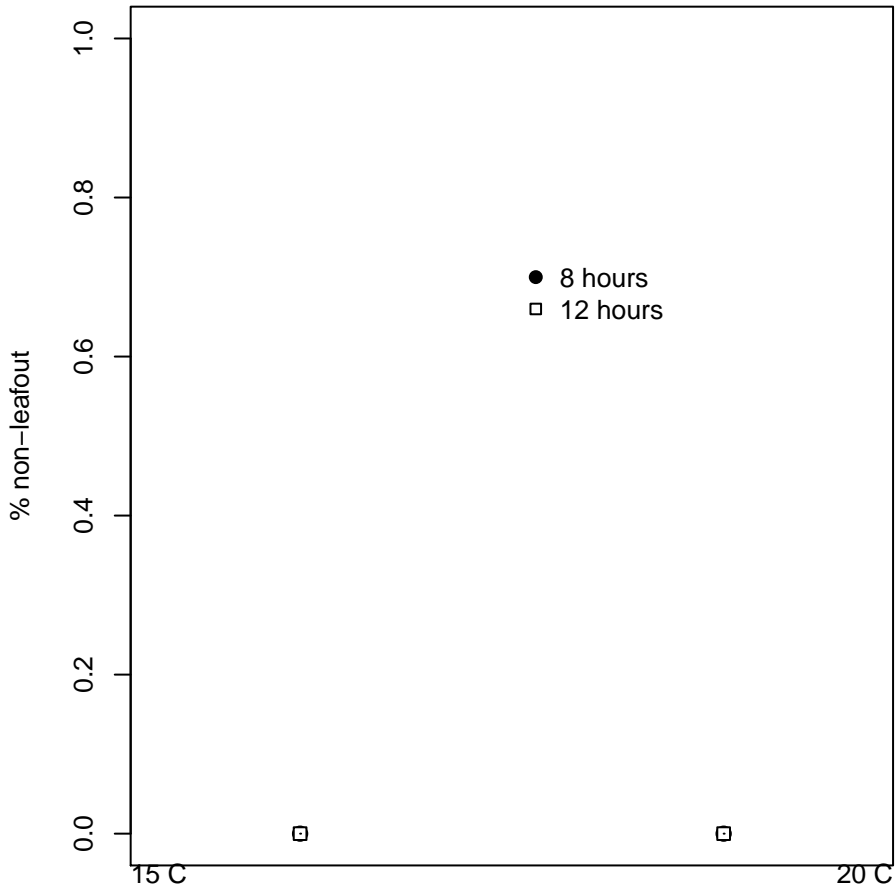
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	24.708	40221.422	0.001	1
warm20	−4.893	40329.787	0	1
photo12	−4.893	40329.787	0	1
chillchill1	−24.015	40221.422	−0.001	1
chillchill2	−24.708	40221.422	−0.001	1
siteSH	−4.893	40329.787	0	1
warm20:photo12	−13.313	40435.806	0	1
warm20:chillchill1	5.809	40329.787	0	1
warm20:chillchill2	5.586	40329.787	0	1
warm20:siteSH	9.785	41004.799	0	1
photo12:chillchill1	5.809	40329.787	0	1
photo12:chillchill2	5.586	40329.787	0	1
photo12:siteSH	9.785	41004.806	0	1
warm20:photo12:chillchill1	12.397	40435.806	0	1
warm20:photo12:chillchill2	11.927	40435.806	0	1
warm20:photo12:siteSH	3.528	11872.02	0	1
warm15:chillchill1:siteSH	25.605	41043.252	0.001	1
warm20:chillchill1:siteSH	13.597	40588.762	0	1
warm15:chillchill2:siteSH	26.117	40918.737	0.001	0.999
warm20:chillchill2:siteSH	14.568	40584.494	0	1
photo12:chillchill1:siteSH	−12.007	41226.458	0	1
photo12:chillchill2:siteSH	−11.549	41117.491	0	1

VIBLAN at Harvard Forest, USA
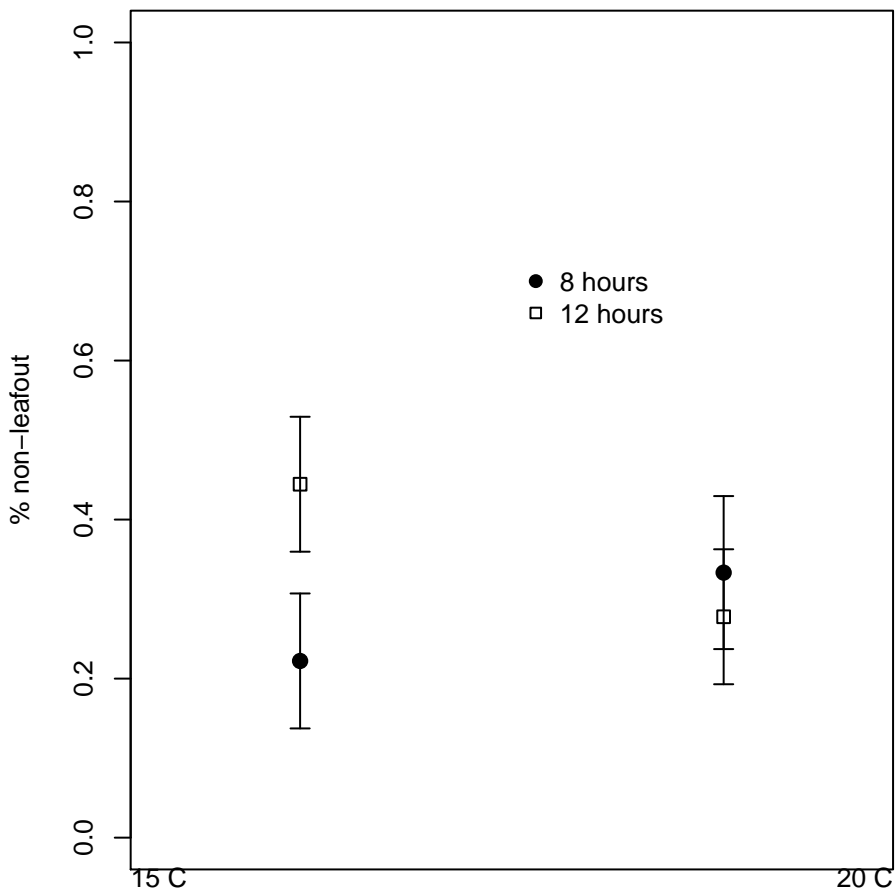
Saint Hippolyte, Qc
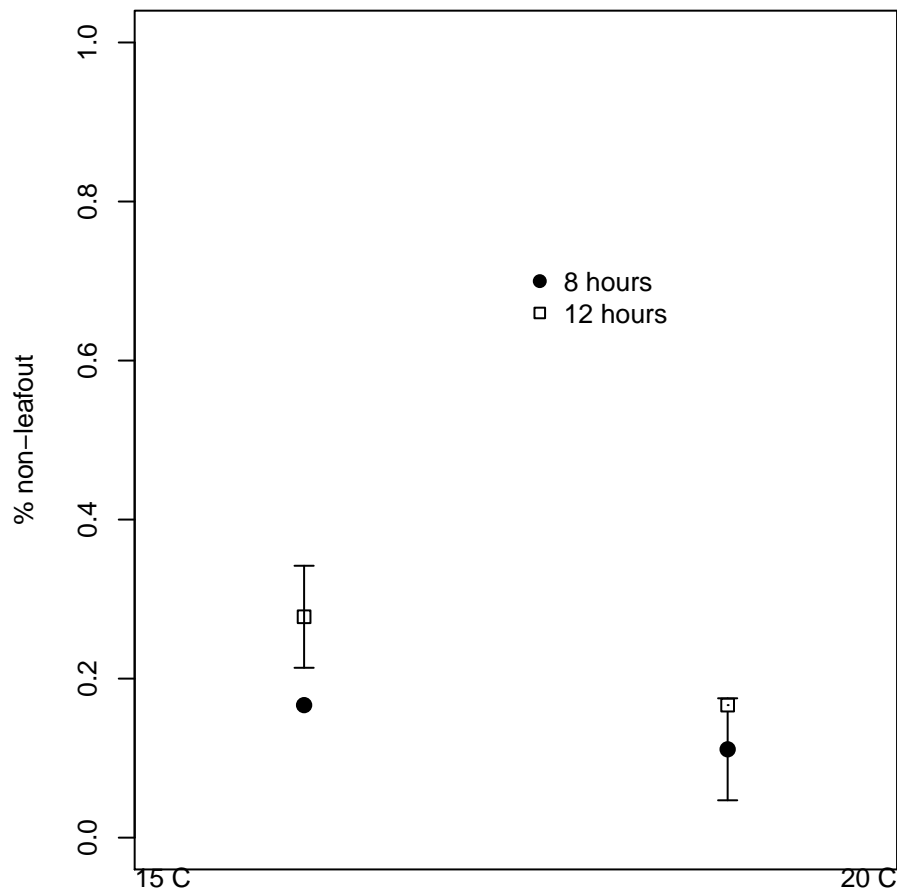
	Estimate	Std. Error	z value	Pr(>|z|)
(Intercept)	1.285	0.959	1.339	0.18
warm20	−1.76	1.227	−1.435	0.151
photo12	−1.084	1.216	−0.891	0.373
chillchill1	1.567	1.884	0.832	0.406
chillchill2	−0.86	1.232	−0.698	0.485
siteSH	0.741	1.472	0.503	0.615
warm20:photo12	1.358	1.563	0.868	0.385
warm20:chillchill1	0.978	2.235	0.438	0.662
warm20:chillchill2	2.323	1.621	1.433	0.152
warm20:siteSH	2.677	1.96	1.366	0.172
photo12:chillchill1	0.302	2.23	0.135	0.892
photo12:chillchill2	−0.557	1.634	−0.341	0.733
photo12:siteSH	0.343	1.76	0.195	0.845
warm20:photo12:chillchill1	0.206	2.591	0.08	0.937
warm20:photo12:chillchill2	0.511	2.009	0.255	0.799
warm20:photo12:siteSH	−1.534	1.83	−0.838	0.402
warm15:chillchill1:siteSH	−1.523	2.344	−0.649	0.516
warm20:chillchill1:siteSH	−2.636	2.474	−1.065	0.287
warm15:chillchill2:siteSH	−0.178	1.778	−0.1	0.92
warm20:chillchill2:siteSH	−3.189	1.982	−1.609	0.108
photo12:chillchill1:siteSH	−0.373	2.616	−0.142	0.887
photo12:chillchill2:siteSH	0.735	2.067	0.356	0.722