

<i>Byblis-1</i>	0.309	US
<i>Byblis-1</i>	0.892	LS
<i>Byblis-1</i>	0.853	LS
<i>Byblis-1</i>	1.146	LS
<i>Byblis-1</i>	0.468	LS
<i>Byblis-1</i>	1.027	LS
<i>Byblis-1</i>	1.102	LS
<i>Byblis-1</i>	0.908	LS
<i>Byblis-1</i>	0.931	LS
<i>Byblis-1</i>	1.213	LS
<i>Byblis-1</i>	0.646	LS
<i>Byblis-1</i>	0.613	US
<i>Byblis-1</i>	0.564	US
<i>Byblis-1</i>	0.691	US
<i>Byblis-1</i>	0.438	US
<i>Byblis-1</i>	0.565	LS
<i>Byblis-1</i>	0.923	LS
<i>Byblis-1</i>	0.829	LS
<i>Byblis-1</i>	1.304	LS
<i>Byblis-1</i>	0.936	US
<i>Byblis-1</i>	0.492	US
<i>Byblis-1</i>	0.733	US
<i>Byblis-1</i>	1.182	LS
<i>Byblis-1</i>	0.558	LS
<i>Byblis-1</i>	0.83	LS
<i>Byblis-1</i>	0.722	US
<i>Byblis-1</i>	0.686	US
<i>Byblis-1</i>	0.367	US
<i>Byblis-1</i>	0.845	US
<i>Byblis-1</i>	0.44	LS
<i>Byblis-1</i>	1.084	LS
<i>Byblis-1</i>	0.548	LS
<i>Byblis-1</i>	0.775	LS
<i>Byblis-1</i>	0.375	LS
<i>Byblis-1</i>	0.686	US
<i>Byblis-1</i>	0.944	US
<i>Byblis-1</i>	0.243	US
<i>Byblis-1</i>	0.467	US
<i>Byblis-1</i>	0.902	US
<i>Byblis-1</i>	0.852	LS
<i>Byblis-1</i>	0.92	LS
<i>Byblis-1</i>	0.611	LS
<i>Byblis-1</i>	0.816	LS
<i>Byblis-1</i>	0.93	US
<i>Byblis-1</i>	0.974	US
<i>Byblis-1</i>	0.287	US
<i>Byblis-1</i>	0.989	LS

<i>Byblis-1</i>	0.907	LS
<i>Byblis-1</i>	0.607	LS
<i>Byblis-1</i>	0.847	LS
<i>Byblis-1</i>	0.423	LS
<i>Byblis-1</i>	0.484	LS
<i>Byblis-1</i>	0.393	LS
<i>Byblis-1</i>	0.46	US
<i>Byblis-1</i>	0.486	US
<i>Byblis-1</i>	0.325	US
<i>Byblis-1</i>	0.423	LS
<i>Byblis-1</i>	0.595	LS
<i>Byblis-1</i>	0.324	LS
<i>Byblis-1</i>	0.438	US
<i>Byblis-1</i>	0.362	US
<i>Byblis-1</i>	0.544	US
<i>Byblis-1</i>	0.641	LS
<i>Byblis-1</i>	0.377	LS
<i>Byblis-1</i>	0.55	LS
<i>Byblis-1</i>	0.445	LS
<i>Byblis-1</i>	0.393	US
<i>Byblis-1</i>	0.43	US
<i>Byblis-1</i>	0.399	US
<i>Byblis-1</i>	0.597	LS
<i>Byblis-1</i>	0.437	LS
<i>Byblis-1</i>	0.564	LS
<i>Byblis-1</i>	0.355	LS
<i>Byblis-1</i>	0.437	US
<i>Byblis-1</i>	0.279	US
<i>Byblis-1</i>	0.454	LS
<i>Byblis-1</i>	0.284	LS
<i>Byblis-1</i>	0.626	LS
<i>Byblis-1</i>	0.445	LS
<i>Byblis-2</i>	0.543	US
<i>Byblis-2</i>	0.635	US
<i>Byblis-2</i>	0.486	LS
<i>Byblis-2</i>	0.694	LS
<i>Byblis-2</i>	0.463	LS
<i>Byblis-2</i>	0.41	LS
<i>Byblis-2</i>	0.683	LS
<i>Byblis-2</i>	0.353	LS
<i>Byblis-2</i>	0.491	LS
<i>Byblis-2</i>	0.421	LS
<i>Byblis-2</i>	0.169	US
<i>Byblis-2</i>	0.815	LS
<i>Byblis-2</i>	0.589	LS
<i>Byblis-2</i>	0.847	LS
<i>Byblis-2</i>	0.534	LS

<i>Byblis-2</i>	0.68	US
<i>Byblis-2</i>	0.282	US
<i>Byblis-2</i>	0.436	US
<i>Byblis-2</i>	0.377	LS
<i>Byblis-2</i>	0.377	LS
<i>Byblis-2</i>	1.263	LS
<i>Byblis-2</i>	0.715	US
<i>Byblis-2</i>	0.815	US
<i>Byblis-2</i>	0.769	LS
<i>Byblis-2</i>	0.55	LS
<i>Byblis-2</i>	0.601	LS
<i>Byblis-2</i>	0.464	US
<i>Byblis-2</i>	0.324	US
<i>Byblis-2</i>	0.432	US
<i>Byblis-2</i>	1.057	LS
<i>Byblis-2</i>	0.936	LS
<i>Byblis-2</i>	0.605	LS
<i>Byblis-2</i>	0.596	LS
<i>Byblis-2</i>	0.846	LS
<i>Byblis-2</i>	0.505	LS
<i>Byblis-2</i>	0.988	LS
<i>Byblis-2</i>	0.548	LS
<i>Byblis-2</i>	0.423	LS
<i>Byblis-2</i>	0.427	US
<i>Byblis-2</i>	0.513	US
<i>Byblis-2</i>	0.377	US
<i>Byblis-2</i>	0.452	US
<i>Byblis-2</i>	0.66	LS
<i>Byblis-2</i>	1.044	LS
<i>Byblis-2</i>	0.91	LS
<i>Byblis-2</i>	0.584	LS
<i>Byblis-2</i>	0.542	LS
<i>Byblis-2</i>	0.906	LS
<i>Byblis-2</i>	0.437	LS
<i>Byblis-2</i>	0.692	LS
<i>Byblis-2</i>	0.432	LS
<i>Byblis-2</i>	0.451	LS
<i>Byblis-2</i>	0.368	US
<i>Byblis-2</i>	0.856	LS
<i>Byblis-2</i>	0.321	LS
<i>Byblis-2</i>	0.662	LS
<i>Byblis-2</i>	0.606	US
<i>Byblis-2</i>	0.6	LS
<i>Byblis-2</i>	0.98	LS
<i>Byblis-2</i>	0.589	LS
<i>Byblis-2</i>	0.874	LS
<i>Byblis-2</i>	0.795	LS

<i>Byblis-2</i>	1.178	LS
<i>Byblis-2</i>	0.814	LS
<i>Byblis-2</i>	0.339	LS
<i>Byblis-2</i>	0.537	LS
<i>Byblis-2</i>	0.966	LS
<i>Byblis-2</i>	0.708	US
<i>Byblis-2</i>	0.588	US
<i>Byblis-2</i>	0.483	US
<i>Byblis-2</i>	0.665	US
<i>Byblis-2</i>	0.43	US
<i>Byblis-2</i>	0.305	US
<i>Byblis-2</i>	0.467	LS
<i>Byblis-2</i>	1.193	LS
<i>Byblis-2</i>	0.713	LS
<i>Byblis-2</i>	0.311	LS
<i>Byblis-2</i>	0.575	LS
<i>Byblis-2</i>	0.615	LS
<i>Byblis-2</i>	0.252	US
<i>Byblis-2</i>	0.46	US
<i>Byblis-2</i>	0.437	US
<i>Byblis-2</i>	0.498	US
<i>Byblis-2</i>	0.423	US
<i>Byblis-2</i>	0.476	US
<i>Byblis-2</i>	0.52	US
<i>Byblis-2</i>	0.505	LS
<i>Byblis-2</i>	1.457	LS
<i>Byblis-2</i>	0.655	US
<i>Byblis-2</i>	0.597	US
<i>Byblis-2</i>	0.783	US
<i>Byblis-2</i>	0.524	US
<i>Byblis-2</i>	0.64	US
<i>Byblis-2</i>	0.29	US
<i>Byblis-2</i>	0.773	LS
<i>Byblis-2</i>	0.642	LS
<i>Byblis-2</i>	1.227	LS
<i>Byblis-2</i>	1.062	LS
<i>Byblis-2</i>	1.271	LS
<i>Byblis-2</i>	0.574	US
<i>Byblis-2</i>	0.94	US
<i>Byblis-2</i>	0.832	US
<i>Byblis-2</i>	0.777	US
<i>Byblis-2</i>	0.386	LS
<i>Byblis-2</i>	0.828	LS
<i>Byblis-2</i>	0.35	LS
<i>Byblis-2</i>	0.698	LS
<i>Byblis-2</i>	0.88	LS
<i>Byblis-2</i>	0.761	LS

<i>Byblis-2</i>	0.415	US
<i>Byblis-2</i>	0.443	US
<i>Byblis-2</i>	0.691	US
<i>Byblis-2</i>	0.807	US
<i>Byblis-2</i>	0.729	LS
<i>Byblis-2</i>	0.771	LS
<i>Byblis-2</i>	1.214	LS
<i>Byblis-2</i>	0.399	US
<i>Byblis-2</i>	1.052	US
<i>Byblis-2</i>	0.874	US
<i>Byblis-2</i>	0.498	US
<i>Byblis-2</i>	0.754	LS
<i>Byblis-2</i>	0.671	LS
<i>Byblis-2</i>	1.269	LS
<i>Byblis-2</i>	1.176	LS
<i>Byblis-2</i>	0.725	LS
<i>Byblis-2</i>	1.3	US
<i>Byblis-2</i>	1.1951	US
<i>Byblis-2</i>	0.664	US
<i>Byblis-2</i>	1.394	US
<i>Byblis-2</i>	0.71	US
<i>Byblis-2</i>	0.98	LS
<i>Byblis-2</i>	0.966	LS
<i>Byblis-2</i>	1.022	LS
<i>Byblis-2</i>	1.512	LS
<i>Byblis-2</i>	1.186	LS
<i>Byblis-2</i>	1.078	US
<i>Byblis-2</i>	0.445	US
<i>Byblis-2</i>	0.838	US
<i>Byblis-2</i>	0.666	US
<i>Byblis-2</i>	0.875	US
<i>Byblis-2</i>	0.688	US
<i>Byblis-2</i>	0.808	US
<i>Byblis-2</i>	0.809	US
<i>Byblis-2</i>	1.295	LS
<i>Byblis-2</i>	0.808	LS
<i>Byblis-2</i>	0.902	LS
<i>Byblis-2</i>	0.517	LS
<i>Byblis-2</i>	0.748	US
<i>Byblis-2</i>	0.59	US
<i>Byblis-2</i>	1.271	US
<i>Byblis-2</i>	0.37	US
<i>Byblis-2</i>	0.498	US
<i>Byblis-2</i>	0.447	LS
<i>Byblis-2</i>	0.453	LS
<i>Byblis-2</i>	0.995	LS
<i>Byblis-2</i>	0.597	US

<i>Byblis-2</i>	1.108	US
<i>Byblis-2</i>	0.822	US
<i>Byblis-2</i>	0.641	LS
<i>Byblis-2</i>	1.1	LS
<i>Byblis-2</i>	0.806	LS
<i>Byblis-2</i>	0.787	LS
<i>Byblis-2</i>	0.484	US
<i>Byblis-2</i>	0.475	US
<i>Byblis-2</i>	0.536	US
<i>Byblis-2</i>	0.528	US
<i>Byblis-2</i>	1.364	LS
<i>Byblis-2</i>	0.611	LS
<i>Byblis-2</i>	0.626	LS
<i>Byblis-2</i>	0.801	US
<i>Byblis-2</i>	0.912	US
<i>Byblis-3</i>	0.52	US
<i>Byblis-3</i>	0.46	US
<i>Byblis-3</i>	0.649	US
<i>Byblis-3</i>	0.513	LS
<i>Byblis-3</i>	0.385	LS
<i>Byblis-3</i>	0.731	LS
<i>Byblis-3</i>	1.228	US
<i>Byblis-3</i>	0.696	US
<i>Byblis-3</i>	0.735	LS
<i>Byblis-3</i>	0.47	LS
<i>Byblis-3</i>	0.445	US
<i>Byblis-3</i>	0.386	US
<i>Byblis-3</i>	1.481	LS
<i>Byblis-3</i>	1.161	LS
<i>Byblis-3</i>	1.1951	LS
<i>Byblis-3</i>	0.73	LS
<i>Byblis-3</i>	1.814	US
<i>Byblis-3</i>	1.128	US
<i>Byblis-3</i>	1.463	US
<i>Byblis-3</i>	2.155	LS
<i>Byblis-3</i>	1.448	LS
<i>Byblis-3</i>	0.583	LS
<i>Byblis-3</i>	1.297	US
<i>Byblis-3</i>	1.098	US
<i>Byblis-3</i>	0.477	US
<i>Byblis-3</i>	0.879	US
<i>Byblis-3</i>	2.361	US
<i>Byblis-3</i>	2.024	US
<i>Byblis-3</i>	2.329	US
<i>Byblis-3</i>	2.735	US
<i>Byblis-3</i>	2.157	US
<i>Byblis-3</i>	1.169	US

C&M	1	6	1.242	37	51	50.0-51.7; 50.85	26.6-27.0; 26.8
C&M	2	2	0.897	52	47	36.2-37.6; 36.9	26.9-26.9; 26.9
C&M	2	8	0.924	64	71	37.1-38.8; 37.95	26.4-26.8; 26.6
C&M	2	2	0.982	47	69	49.0-52.0; 50.5	23.2-25.1; 24.15
C&M	2	9	0.943	32	62	44.4-45.1; 44.75	26.2-26.3; 26.25
C&M	2	9	0.661	64	18	42.7-43.5; 43.1	24.4-25.1; 24.75
C&M	2	2	1.056	43	34	29.2-40.0; 34.6	28.5-34.6; 31.55
C&M	2	8	1.006	64	57	46.5-46.6; 46.55	27.3-27.6; 27.45
C&M	2	10	0.912	55	51	47.0-47.6; 47.3	27.2-27.3; 27.25
C&M	2	10	1.128	76	34	37.9-39.7; 38.8	27.4-27.7; 27.55
C&M	2	2	0.783	79	24	40.2-41.2; 40.7	27.8-27.8; 27.8
M	1	3	0.642	no motion	no motion	32.6-34.7; 33.65	25.1-25.2; 25.15
M	1	3	0.463	no motion	no motion	32.6-34.7; 33.65	25.1-25.2; 25.15
M	1	2	0.859	no motion	no motion	31.3-31.8; 31.55	24.-24.8; 24.8
M	1	2	0.571	no motion	no motion	31.3-31.8; 31.55	24.-24.8; 24.8
M	1	2	0.647	no motion	no motion	31.3-31.8; 31.55	24.-24.8; 24.8
M	2	2	0.800	no motion	no motion	36.0-37.5; 36.75	24.7-25.2; 24.95
M	2	2	1.017	no motion	no motion	36.0-37.5; 36.75	24.7-25.2; 24.95
M	2	6	0.651	no motion	no motion	38.4-38.4; 38.4	25.0-25.1; 25.05
M	2	6	0.583	no motion	no motion	38.4-38.4; 38.4	25.0-25.1; 25.05
M	2	6	0.578	no motion	no motion	38.4-38.4; 38.4	25.0-25.1; 25.05

Table S4

Table S4. Provides the original data for the measured reaction times and movement durations in the two temperature regimes, i.e., warm (22 °C) vs. cold (12 °C).

Reaction time [min] @ 22° C	Movement duration [min] @ 22° C	Reaction time [min] @ 12° C	Movement duration [min] @ 12° C
40	56	52	68
28	44	54	73
46	42	84	53
34	55	56	89
38	51	63	92
24	42	48	103
50	63	44	82
41	58	38	

Table S5

Table S5. Provides the original data for the cellulose microfibril angle measurements on the five different stalked gland sections.

Stalk cell number	Section 1 [°]	Section 2 [°]	Section 3 [°]	Section 4 [°]	Section 5 [°]
1	42.8	38.5	32.3	31.3	21.8
2	45.2	39.7	34.8	33.9	30.6
3	41.7	36.9	37.9	33.9	27.2
4	33.5	33.7	30.6	--	--
5	41	45.6	28.3	26.1	27.9
6	38.9	37.5	35.3	35.4	26.1
7	37.2	33.8	35.8	28.7	22.6
8	--	--	--	30.7	24.7
9	38.9	36.5	30.4	33.2	25.3
10	36.2	34.9	35.4	32.3	26
11	38.5	37.8	30.5	32.6	18.4
12	37.6	39.5	36.4	34.1	23.8
13	42.9	37.8	32.7	32.1	25
14	40.2	36.8	32	31.3	27.5
15	38	37.5	38.3	33.4	23.3
16	39.4	39.3	41	38.9	26
17	52.9	44.7	43.6	40.6	28.1
18	50.3	42.3	42.9	41.6	32.5