

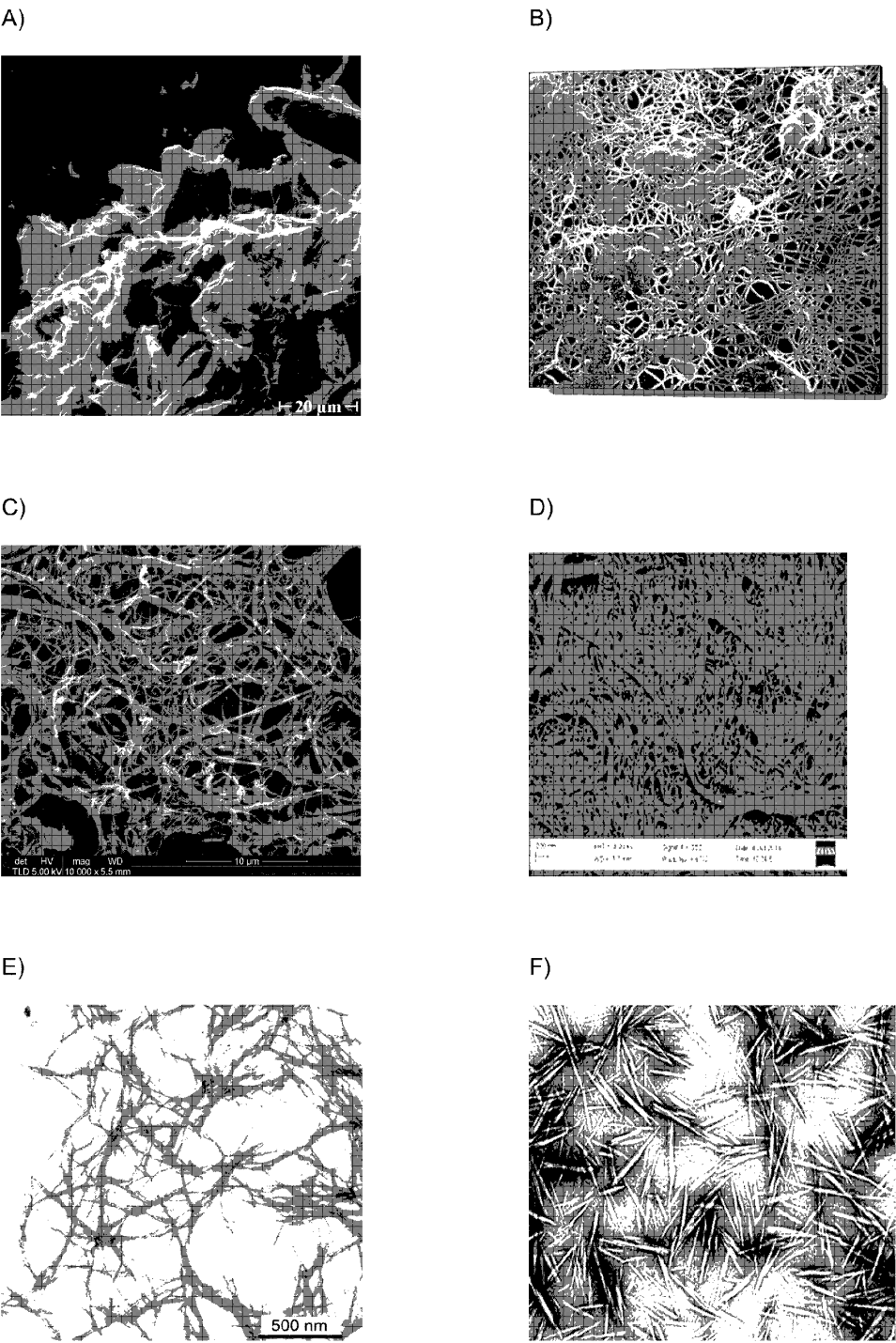


Figure 1

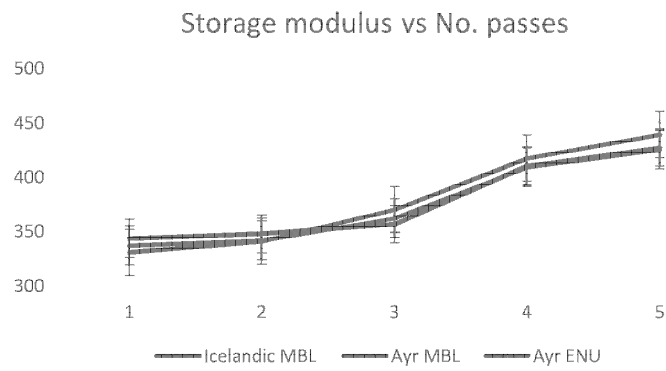


Figure 2a

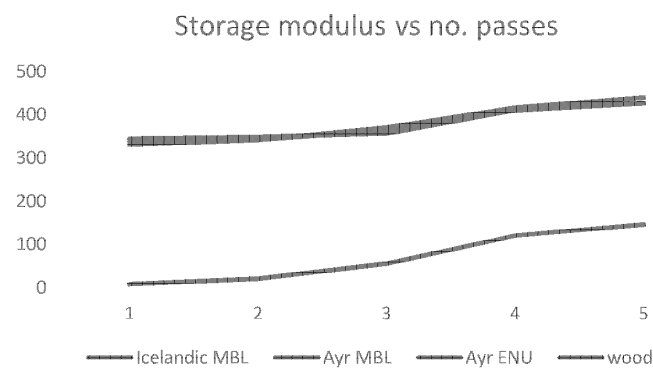


Figure 2b

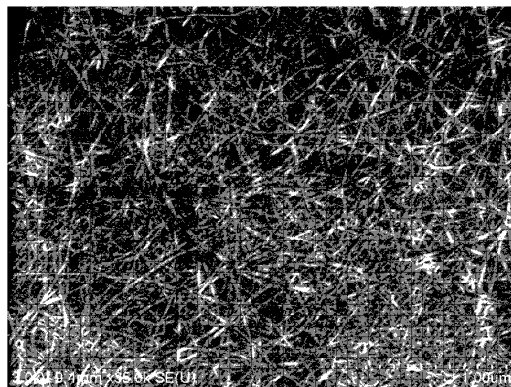


Figure 3a

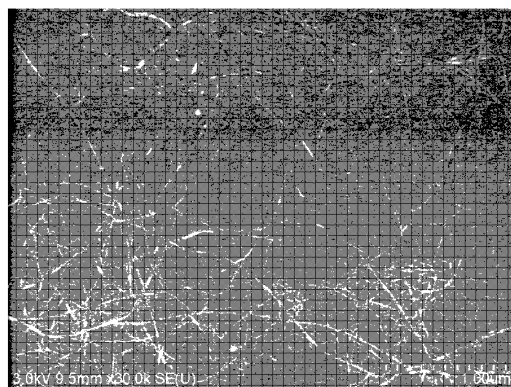


Figure 3b

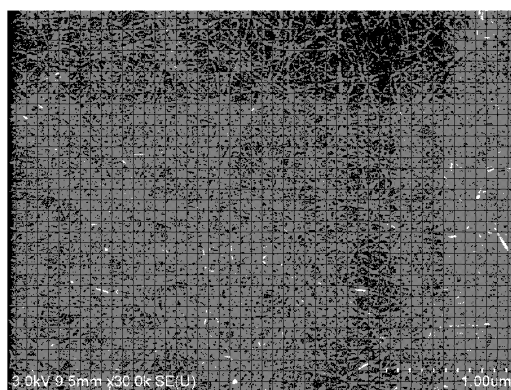


Figure 3c

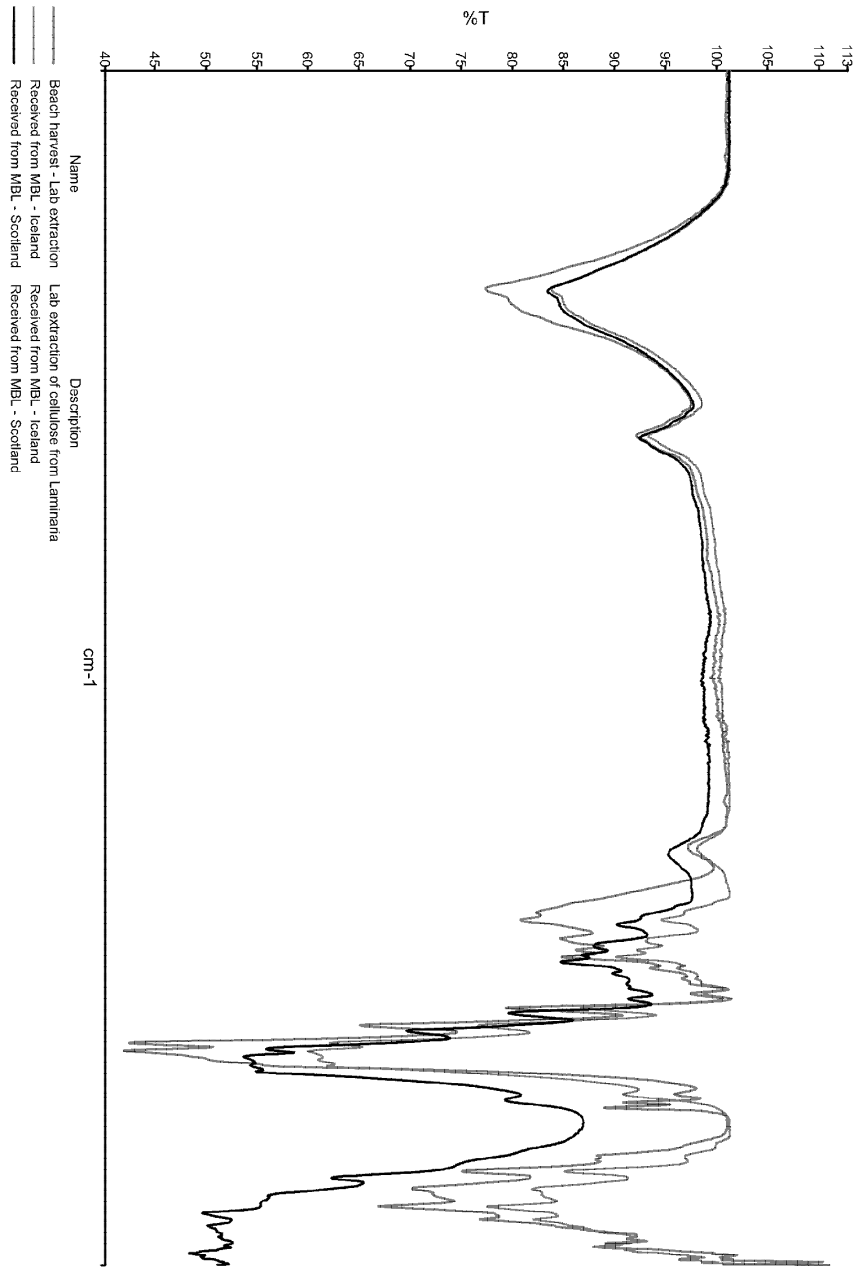


Figure 4a

LAB EXTRACTION	MBL SCOTLAND	MBL ICELAND	ASSIGNMENT
3341	3339	3339	OH
2895	2894	2894	CH
1640	1637	1638	OH bending of absorbed H ₂ O
1427	1427	1427	CH ₂ bending at C-6
1370	1365	1364	CH
1315	1314	1315	CH ₂ wagging at C-6
1204	1203	1204	COH in plane at C-6
1161	1160	1160	COC at β Glycosidic linkage
1108	1107	1107	Ring in plane
1054	1053	1053	CO at C3
1031	1028	1029	CO at C-6
898	897	898	COC at β Glycosidic linkage
663	662	663	COH out of plane

Figure 4b

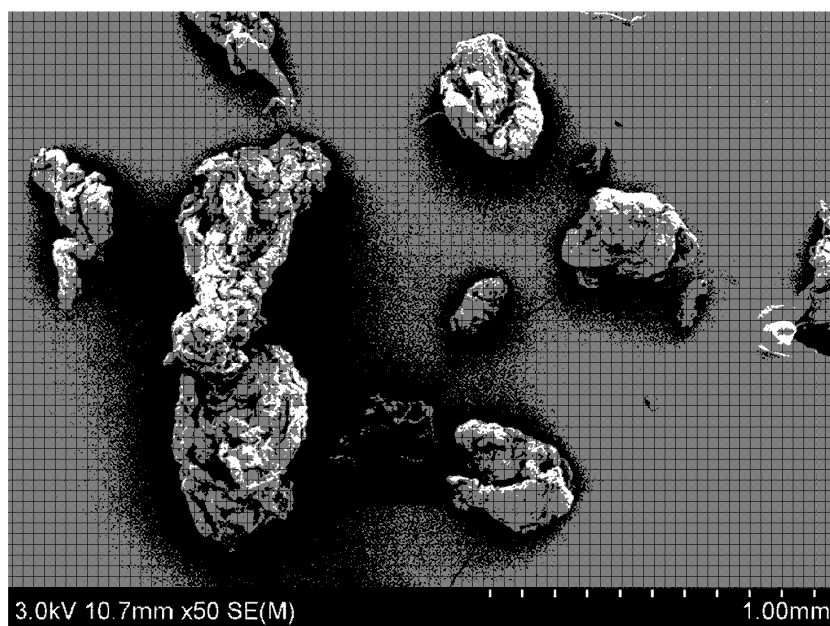


Figure 5a

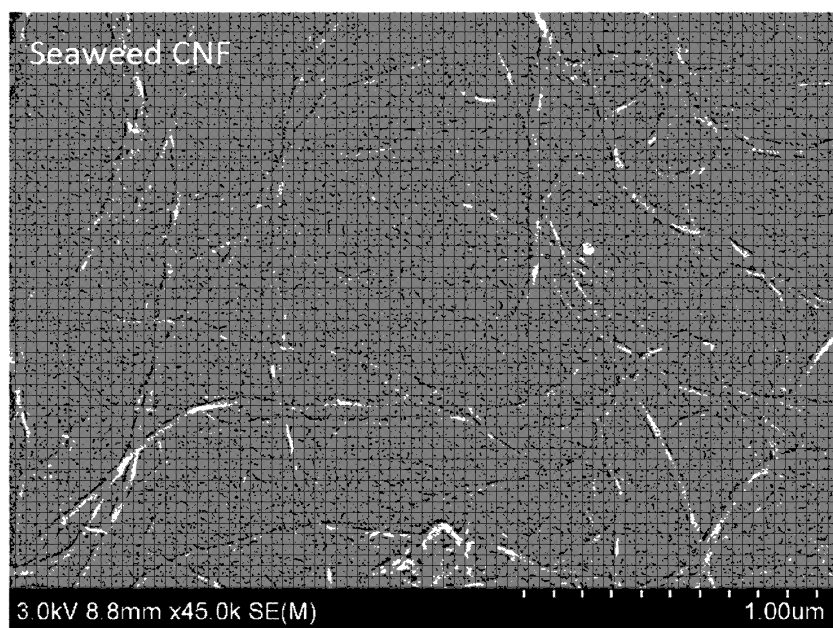


Figure 5b

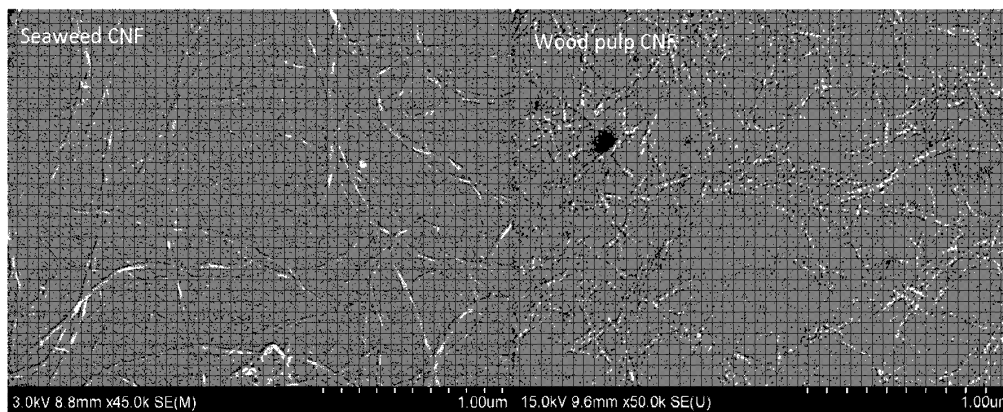


Figure 6



Figure 7

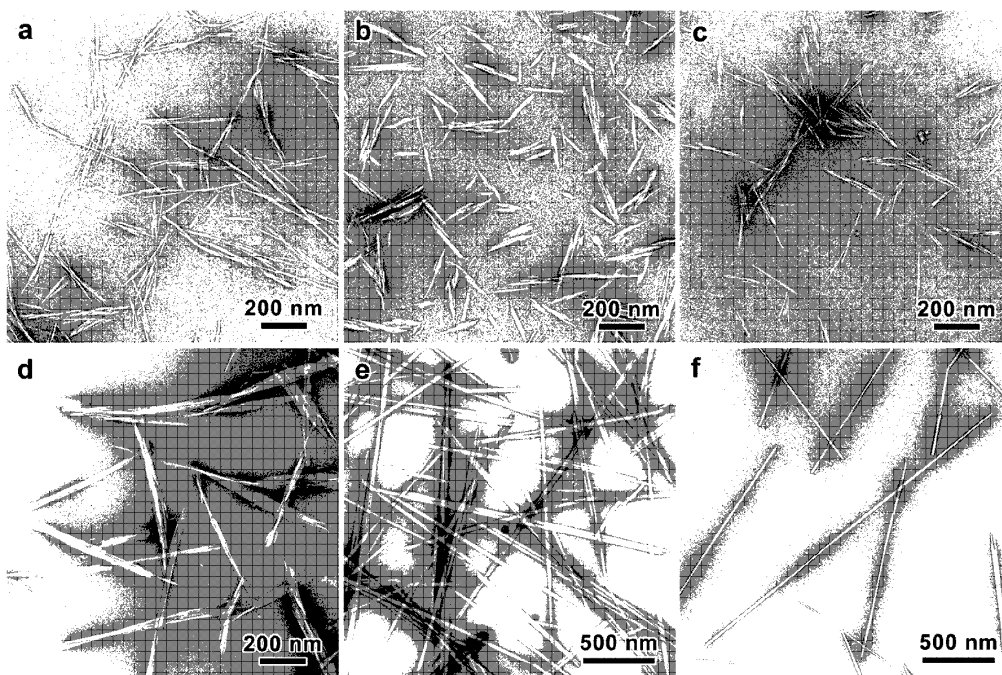


Figure 8



Figure 9