

APPENDIX TO SECOND REPORT

No. 3b. 2 Fibres examined.

				Diameter of Fibre.	Diameter of Cavity.
D	...	...	...	·00055	·0002
E	...	...	...	·0005	·0001

Fibres very dirty: quantities of cellular tissue adhering to the fibres. The prosenchymatous cells were very few in number (hence small number measured), while the pitted and spiral vessels were very numerous.

No. 3j. 9 Fibres examined.

				Diameter of Fibre.	Diameter of Cavity.
F	...	...	...	·00075	·0002
G	...	...	...	·0004	·0001
H	...	...	...	·00035	·0001
I	...	...	...	·0005	·000125
J	...	...	...	·00045	·0001
K	...	...	...	·0005	·0001
L	...	...	...	·000425	·000075
M	...	...	...	·0005	·00015
N	...	...	...	·000525	·000175
Mean				·000488	·000125

Fibres dirty; cellular tissue adhering. The fibres are closely adherent in bundles, which are very difficult to separate into the ultimate cells. The cells are very irregular in size, varying from ·00075 to ·00035 in diameter.

No. 3 8. 9 Fibres examined.

				Diameter of Fibre.	Diameter of Cavity.
O	...	...	...	·0007	·00025
P	...	...	...	·000725	·0003
Q	...	...	...	·0008	·00035
R	...	...	...	·00065	·0003
S	...	...	...	·0006	·00025
T	...	...	...	·00055	·0002
U	...	...	...	·000575	·000175
V	...	...	...	·0007	·0002
W	...	...	...	·0008	·0003
Mean				·00067	·00025

No. 4.—*Harakeke*, soaked and beaten with mallets.

10 Fibres examined.

				Diameter of Fibre.	Diameter of Cavity.
A	...	...	...	·000575	·0002
B	...	...	...	·00065	·00025
C	...	...	...	·0006	·0002
D	...	...	...	·00055	·000175
E	...	...	...	·0005	·000175
F	...	...	...	·000525	·00015
G	...	...	...	·0007	·0001
H	...	...	...	·00055	·0002
I	...	...	...	·0006	·0002
J	...	...	...	·00055	·000175
Mean				·00058	·00018

No. 5.—Swamp flax, only stripped.

No. 5a. 5 Fibres examined.

				Diameter of Fibre.	Diameter of Cavity.
A	...	...	...	·00065	·00025
B	...	...	...	·0006	·000275
C	...	...	...	·000525	·0001
D	...	...	...	·00045	·00015
E	...	...	...	·000575	·000175
Mean				·00056	·00019

Fibres dirty; much cellular tissue adherent.