On Her Majesty's Service

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PLEASE DO NOT BEND-PHOTOGRAPHS.



University of



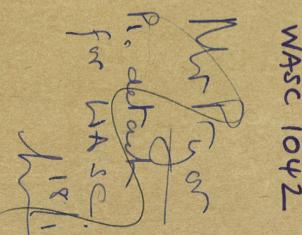
Mr M. Mc Laven Head of Library Services

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176 October 1979

Dear Malcolm

Thank-you for your letter and the papers and photographs which have proved very useful. I apologize for the long delay in replying but I have been busy with the gumponoler project.

This week I have has this Evans and everyone else from the gumponoler project visiting me at Newcastle which reminded me that I had not sent you the results of the charcoal examination.

Cleaner then examined it using the Scanning electron nucroscope. I have identified it as Frangula alous, the prime gunpowder charcoal which in post work has been referred to as clogwood. I have identified the charcoal and found it not be dogwood but another wood, frangula alous which has no common name.

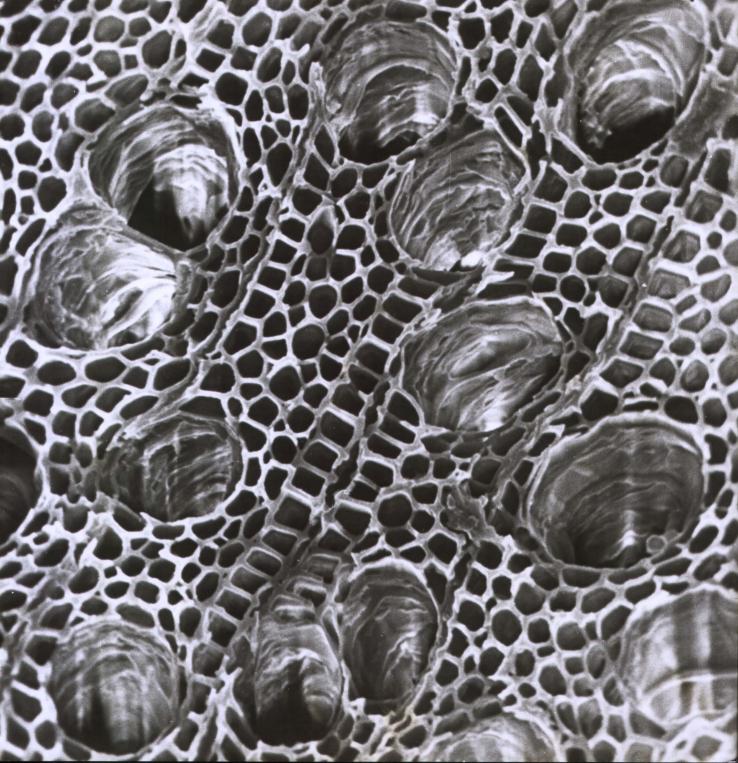
I enclose 2 copies of micrographs of

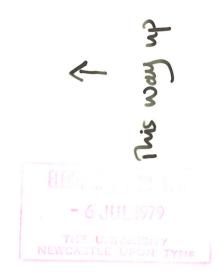
the charcoal which you may like to add to your gunpander exibition.

Thank-you again for the papers. If you require an further copies of the micrographs or more charcoal identified please do not hesitate to write. I will try to be more prompt in replying this time.

Yours Sincerely

Eileen McAnliffe





CR 18/450

× 960

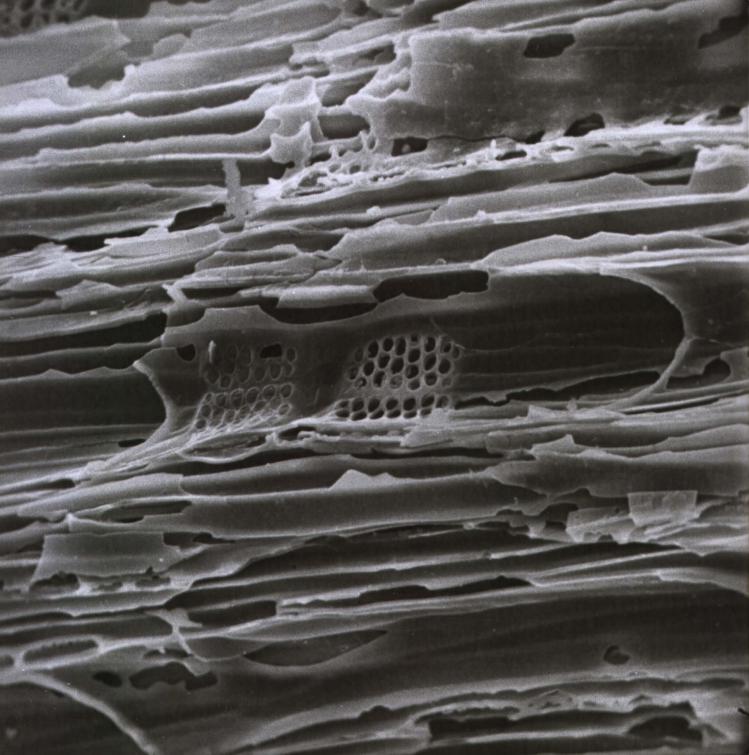
Frangula alnus charcoal from the Waltham Abbay excavation. The Surface Shawing a transverse view was ultresonically cleaned than Corban and gold cooled.

SEM micrograph of a fractive surface of Fronzenta alnus charcoal from the wallham Abbey eccavation. The surface shaving a tromsverse view was ultrasonically cleaned then carbon and gold coated

x 960

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SEM unicrograph of a fractive Swface of Frangula almus charcoal from the Waltham Abbey excavation. The Swface showing a langithdinal view was ultrasonically cleaned then castom and gold coated.

- 6 JUL 1979

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SEH nucrogrouph of a fractive Swfice of Frangola aluns charcoal from the Wallham Abbey excavation. The swface showing a longitudinal view had been carbon and gold coated.

- 6 JUL 1979

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× 980

Waltham Abbey (washed)

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