

of trees and plants in the concretionary nodules found in the marine clays of Green's Creek, Besserers, &c., in the Leda Clay formation (Pleistocene) of the Ottawa Valley. From the collections of nodules recently made at Besserer's Grove and sent to Prof. Penhallow for examination by the writer he has recognised the following interesting flora as may be gathered from a letter recently received from Dr. Penhallow.

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| 1. <i>Betula lutea.</i> | 8. <i>Potamogeton perfoliatus.</i> |
| 2. <i>Cyperaceæ.</i> | 9. " <i>pusillus.</i> |
| 3. <i>Equisetum limosum.</i> | 10. " <i>rutilans.</i> |
| 4. <i>Fucus digitatus.</i> | 11. <i>Potentilla Anserina.</i> |
| 5. <i>Hypnum fluitans.</i> | 12. <i>Vallisneria sp.</i> |
| 6. <i>Populus balsamifera.</i> | 13. <i>Typha latifolia (?)</i> . |
| 7. " <i>grandidentata.</i> | |

(3) From Green's Creek Prof. Penhallow records the following species of fossil plants (pp. 74 and 76, loc. cit. supra.)

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| 1. <i>Acer saccharinum.</i> | 12. <i>Fucus digitatus.</i> |
| 2. <i>Algæ sp.</i> | 13. <i>Gaylussacea resinosa.</i> |
| 3. <i>Brasenia peltata.</i> | 14. <i>Gramineæ, sp.</i> |
| 4. <i>Bromus ciliatus.</i> | 15. <i>Oryzopsis asperifolia.</i> |
| 5. <i>Cyperaceæ.</i> | 16. <i>Populus balsamifera.</i> |
| 6. <i>Carex Magellanica.</i> | 17. <i>Populus grandidentata.</i> |
| 7. <i>Drosera rotundifolia.</i> | 18. <i>Potamogeton pectinatus.</i> |
| 8. <i>Equisetum limosum.</i> | 19. <i>Potamogeton perfoliatus.</i> |
| 9. <i>Equisetum scirpoides.</i> | 20. <i>Potamogeton pusillus.</i> |
| 10. <i>Equisetum sylvaticum.</i> | 21. <i>Potamogeton rutilans.</i> |
| 11. <i>Fontinalis ? sp.</i> | 22. <i>Potentilla Anserina.</i> |

Taking the first lists and putting them together we have altogether a series of not less than twenty-six species of fossil plants from the calcareous nodules of Green's Creek and Besserers, a few miles below Ottawa City.

We are confident in stating that this number will probably be doubled before many years if the members of the Geological section of the Club make it a point to visit the localities in question and obtain more material. We have a number of other collections which have afforded the following species.

(4) STEWART COLLECTIONS—A.--Collected along the banks