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### V. Notice of a Diatomaceous Deposit

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V. *Notice of a Diatomaceous Deposit.* By GEORGE DICKIE, M.D., Professor of Botany, Aberdeen.

In a small peat-bog, parish of Methlic, Aberdeenshire, about 400 feet above sea-level, I found in August 1871, a Diatomaceous deposit two or three inches thick, and about two feet from the surface, the total depth of peat below the layer being, so far as exposed, four feet. The species detected are forty in number, and seem worth recording; some which were overlooked by me have been added to the list by Messrs Clark and Leys, members of the Aberdeen Microscopical Society:—

<i>Fam. MELOSEIREÆ.</i>	<i>Synedra radians, Ktz.</i>
<i>Meloseira nivalis, Sm.</i>	<i>Fam. NAVICULACEÆ.</i>
<i>varians, Ag.</i>	<i>Navicula affinis, Ehrb.</i>
<i>Fam. SURIRELLÆ.</i>	<i>Rostellum, Sm.</i>
<i>Surirella biseriata, Breb.</i>	<i>Pinnularia viridis, Rabh.</i>
<i>nobilis, Sm.</i>	<i>divergens, Sm.</i>
<i>Fam. EUNOTIÆ.</i>	<i>major, Rabh.</i>
<i>Eunotia tetraodon, Ehrb.</i>	<i>nobilis, Ehrb.</i>
<i>Epithemia alpestris, Sm.</i>	<i>acuminata, Sm.</i>
<i>gibba, Ktz.</i>	<i>mesolepta, Sm.</i>
<i>rupestris, Sm.</i>	<i>Tabellaria, Ehrb.</i>
<i>turgida, Ktz.</i>	<i>nodosa Sm.,</i>
<i>Himantidium gracile, Grun.</i>	<i>gibba, Ehrb.</i>
<i>pectinale, Ktz.</i>	<i>gigas, Ehrb.</i>
<i>Fam. CYMBELLÆ.</i>	<i>Stauroneis gracilis, Sm.</i>
<i>Cymbella cuspidata, Ktz.</i>	<i>Phoenicenteron, Ehrb.</i>
<i>scotica, Sm.</i>	<i>Fam. GOMPHONEMÆ.</i>
<i>Amphora ovalis, Ktz.</i>	<i>Gomphonema olivaceum, Ktz.</i>
<i>Cocconema lanceolatum, Ehrb.</i>	<i>intricatum, Ktz.</i>
<i>Fam. FRAGILARIÆ.</i>	<i>acuminatum, Eh.</i>
<i>Fragilaria virescens, Ralfs.</i>	<i>Fam. MERIDIÆ.</i>
<i>Odontidium mutabile, Sm.</i>	<i>Meridion constrictum, Ralfs.</i>
<i>Diatoma elongatum, Ag. var. γ,</i>	<i>Fam. TABELLARIÆ.</i>
<i>Sm.</i>	<i>Tabellaria fenestrata, Ktz.</i>
<i>Synedra biceps, Ktz.</i>	<i>flocculosa, Ktz.</i>

VI. *Notes on some rare plants gathered near Mentone.* By Mrs WRIGHT, Halston Hall.

Mrs Wright exhibited and presented to the University Herbarium, a series of dried specimens of some interest-