

No distinct catalogues of plants found in the *Pliocene*, or most recent periods of the Tertiary series, have yet been published.

Freshwater formation of Æningen, which has been already spoken of in our account of fossil fishes. The plants enumerated in this catalogue, were collected during a long series of years by the inmates of a monastery near Æningen, on the dissolution of which they were removed to their present place in the Museum of Carlsruhe. It appears by this catalogue that the plants of Æningen afford examples of thirty-six species belonging to twenty-five genera of the following families.

" Families.	Genera.	Species.		Genera.	Species.
Polypodiaceæ	2	2	} Cryptogamiæ, total	4	4
Equisitaceæ	1	1			
Lycopodiaceæ	1	1			
Coniferæ	2	2	Gymnospermicæ	2	2
Gramineæ	1	1	} Moncotyledons	3	3
Najadeæ	2	2			
Amentaceæ	5	10	} Dicotyledons	16	27
Juglandææ	1	2			
Ebenaceæ	1	1			
Tiliaceæ	1	1			
Acerinææ	1	5			
Rhamnææ	1	2			
Leguminosæ	2	2			
Dicotyledons of doubtful families	4	4			

This table shews the great preponderance of Dicotyledonous plants in the Flora of Æningen, and affords a standard of comparison with those of the Brown-coal of other localities in the Tertiary series. The greater number of the species found here correspond with those in the Brown-coal of the Wetteraw and vicinity of Bonn.

Amid this predominance of dicotyledonous vegetables, not a single herbaceous plant has yet been found excepting some frag-