

VII.—*On a Natural Alloy of Silver and Copper from Chile.**By* MR. FREDERICK FIELD.

The alloy was taken from a mine about twenty leagues east of Coquinbo, and six from the Cordillera of the Andes.

It was perfectly free from oxygen, sulphur, &c., and other substances usually found combined with metals in nature, having exactly the appearance of an artificially smelted product from a copper furnace. 100 grs. taken from the centre of a large mass, was found to contain, on analysis :

Copper	.	.	.	.	.	.	98.91
Silver	.	.	.	.	.	.	1.09
							<hr/>
							100.00

The quantity of silver, however, was very variable. One portion of the alloy had almost a whitish appearance, and, on being separated by the chisel and analysed, gave :

Copper	.	.	.	.	.	.	92.40
Silver	.	.	.	.	.	.	7.60
							<hr/>
							100.00

I have a large specimen, weighing more than a pound, which I hope to have the pleasure of sending to the Society's Museum by the first opportunity.

Feb. 18, 1850.

The PRESIDENT in the Chair.

The Rev. Bath Power and H. Yates Finch, Esq., were elected Fellows of the Society.

The following Papers were read :

“ On some Salts of Chromic Acid,” by Mr. J. Danson.