

APPENDIX.

ANALYSIS OF VARIOUS PHOSPHATES.

ENGLISH PHOSPHATES.

		Cambridge Coprolites. John Hughes.			Bedford Coprolites. Alfred Sibson.
Moisture	3.13	}	2.34
Water of Combination	—		25.40
* Phosphoric Acid	25.20	37.22
Lime	43.33	† 3.20
Carbonic Acid	—	5.15
Oxide of Iron and Alumina	—	18.74
Insoluble Siliceous Matter	7.55	7.95
Undetermined	—	Magnesia and Alkaline Salts	
					100.00

* Equivalent to Tribasic

Phosphate of Lime .. 55.01 55.45

† Do. Carbonate of Lime .. — 7.27

SPANISH PHOSPHATES.

		Estramadura. O. Pieper.		Estramadura. J. Hughes.
Moisture	0.23	—
Carbonate of Lime	12.27	15.22
* Phosphoric Acid	33.51	28.00
Oxide of Iron and Alumina91	.. Siliceous Matter	16.75

* Equivalent to Tribasic

Phosphate of Lime .. 73.15 61.13

NOTE.—The higher qualities were practically exhausted several years ago.