Silicate potassa and lime,	.76
Oxide iron,	1.10
Alumina,	3.13
	100.44

The total amount of Phosphoric acid is 34.06
Equivalent to Bone phosphate lime—73.93

Nevassa Guano.

This material is in small red pebbles usually rounded, resembling gravel. I have made but a single full examination of a sample, which gave,

Organic matter and water with some carbonic acid,	12.72
Sand,	4.11
Lime,	29.66
Alumina and Sesquioxid of iron with a little magnesia,	21.50
Phosphoric acid,	31.66
	99.60.

Phosphoric acid equivalent to bone phosphate of lime, 68.49

The sample from which the above analysis was made, was made perfectly dry.

Iron Guano.

Early in 1857, a large number of rocks, supposed to be identical with the Colombian guano already described, were brought into the United States, mainly through the ports of Baltimore, Philadelphia and New York. I never saw any reason to consider them guanoes, they being chiefly composed of Wavellite, mixed with variable quantities of phosphate and Sesquioxid of iron. The following table expresses their composition. No. 1, is a pale phosphate from Testigos; No. 2, a red rock, from the same island.

	I.	II.
Water,	21.05	16.74
Sesquioxid of iron,	4.85	12.96
Alumina,	22.11	20.91
Soluble matter,	17.55	7.74
Phosphoric acid,	33.65	40.45
Sulphuric "		.02
Chlorine,		.12
Phosphoric acid equivalent to bone phosphate of lime,	72.91	87.64