

## APPENDIX No. 1

## APPENDIX 8.

EXTRACT from reprint of the 5th International Congress of Applied Chemistry, Berlin, 1903.

IMPORTS OF CRYOLITE INTO THE UNITED STATES FROM 1891 TO 1902, INCLUSIVE<sup>1</sup>

Year.	Long Tons.	Value <sup>2</sup> .	Year.	Long Tons.	Value.
		\$			\$
1891.....	8,928	76,350	1897.....	10,115	135,114
1892.....	7,241	96,932	1898.....	6,201	88,501
1893.....	9,574	106,688	1899.....	5,879	78,676
1894.....	10,684	142,494	1900.....	5,437	72,763
1895.....	9,425	125,368	1901.....	5,383	70,886
1896.....	3,909	40,056	1902.....	6,188	85,640

## ALUMINIUM.

The Pittsburg Reduction Company, of Niagara Falls, N.Y., continues to be the sole producer of this metal in the United States. The quantity produced in 1902 was 7,300,000 pounds, as compared with 7,150,000 pounds in 1901. The demand for the light metal in the electrical trade, particularly for the purposes of conducting electric currents, and in the metal trade as a substitute for zinc and brass, continues to be large.

The statistics of aluminium production in Europe are not authoritative, several of the important companies being unwilling to make their figures public. The *Metallgesellschaft* of Frankfort-on-Main, gives the following statistics for Europe in its last annual report, to which we have added our own figures for the United States, the official figures for France, and those of C. Le Neve Foster for England previous to 1900.

## ALUMINIUM: WORLD'S PRODUCTION AND COMMERCE.

(In kilograms.)

Year	Germany.	Switzerland.		England.	France.			United States <sup>3</sup> .		Total Production.
	Imports.	Production.	Exports.	Production.	Production.	Imports.	Exports.	Production.	Imports.	
1897.	942,000	800,000	706,000	310,000 <sup>4</sup>	470,000	6,360	224,000	1,814,388	854	3,394,448
1898.	1,104,000	800,000	677,300	310,000	565,000	5,972	187,955	2,358,705	27	4,033,705
1899.	922,000	1,300,000	604,200	559,000	763,000	8,468	256,242	2,948,381	24,323	6,570,381
1900.	943,400	2,500,000	571,200	568,960	1,026,000	8,300	323,700	3,243,219	116,353	7,338,179
1901.	1,089,600	2,500,000	504,100	560,000	1,200,000	11,400	306,600	3,311,213	255,696	7,571,211

<sup>1</sup> The Mineral Industry, Joseph Struthers, Ph. D., Editor.

<sup>2</sup> The values are those reported by the Custom House and represent the estimated cost at the mines. There being no United States Consuls at shipping point in Greenland, a pro forma invoice is prepared for Custom House purposes, where in the value represents only a small part of the actual cost at buyer's factory.

<sup>3</sup> The United States has been an exporter of aluminium for several years, but these exportations were not enumerated by the Bureau of Statistics of the Treasury Department until 1898, in which year they amounted to \$239,997.

<sup>4</sup> C. Le Neve Foster, British Mineral Statistics for 1897.