### RAILROADS IN MEXICO.

# LIST OF RAILROADS IN OPERATION DURING THE YEAR 1880.

The Vera Cruz Railroad.—Some of the most important railroad charters granted by the Mexican Government.—Tariff rates.

—Railroad connections with the United States.—Jay Gould's south-west system,—The International and Great Northern, and International and Interoceanic Railroad.—The New York, Texas and Mexican Railroad, better known as Count Telfener's road.—The Sunset Extension into Mexico, or Col. Pierce & Huntington's roads.

### RAILROADS IN OPERATION IN 1880.

		Kilometers.	Traction.
I.	Mexican Railway,	423,620	Steam.
2.	From Jalapa to Coatepec,	126,000	Tramway.
3.	" Esperanza to Tehuacan, .	50,000	10/2 100000
4.	" Merida to Progreso,	32,000	Steam.
5.	" Vera Cruz to Medallin, .	. 22,000	"
6.	Ferrocaril de Hidalgo,	26,000	Tramway
7.	" de Zacatecas,	6,500	"

		Kilometers.	Traction.
8.	From Celaya to Leon,	60,000	Steam.
9.	" Cuantitlan to Salto, ,	71,432	"
10.	" Morelos,	95,000	
11.	Tramways in the Federal District, .	98,598	
12.	Other cross branches,	16,428	
13.	Other branches to the baths,	2,653	
14.	From Puebla to Cholula and Mata-		
	mores de Izucar,	15,617	
15.	From San Luis to Tampico,	6,000	

### THE VERA CRUZ RAILROAD.

The Mexican Railway Company presented at the annual meeting of the shareholders, held in the City of London, England, on the 29th of July, 1880, the following statement:

Receipts	for 1876,		admitte.					\$2,175,000
	1877,		200					2,700,000
"	1878,							2,895,000
"	1879,							3,512,000
"	five month	S,	1880,					1,512,000

Supposing that, for the remaining seven months of last year, the returns have been in the same proportion, it will give for the year 1880, \$3,628,000, which is the largest amount that has been received.

The Vera Cruz Railway and Puebla branch are, together, 292 miles long. The cost of construction was, for various reasons, excessive, yet its bonds and preferred stocks are at a premium on the market.

# TABLE SHOWING CONCESSIONS GRANTED BY THE MEXICAN GOVERNMENT FROM AUGUST, 1877, TO FEBRUARY 3d, 1881.

Subsidy granted.				60 \$8,000	46,280 8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000			8,000				2,000	6,500
Kilometers completed.		51		8	46,280		25	9				6							c.	n.
Length in Kilometers.		50		125	120	999	92	209	737	104	519				105				913 Pac.	1043 fron.
Length in Kilometers Subsidy Date of Commission. Kilometers. completed. granted.		Aug. 14th, 1877,		Dec. 21st, 1877.	Dec. 22d, 1877.	Jan. 28th, 1878.	Feb. 2d, 1878.	Feb. 14th, 1878.	Feb. 27th, 1878.	Feb. 28th, 1878.	March 22d, 1878.	March 25th, 1878.			March 27th, 1878.				Sept. 8th, 1880.	
To whom Granted.		General Governm't. Aug. 14th, 1877,	Gov't of the State	of Guanajuato. Dec. 21st, 1877.	Anon. company.	State of Michoacan. Jan. 28th, 1878.	State of Hidalgo.	State of San Luis. ]	State of Jalisco.	State of Queretaro. Feb. 28th, 1878.	State of Oaxaca.	State of Vera Cruz. March 25th, 1878.		State of Tamauli-	pas.	Company repre-	sented by S. Ca-	macho and R.	Guzman.	
	National R. R. from Tehuacan to la Espe-	ranza.	From Celaya to Leon and Guanajuato.		Mexico, Toluca and Cuantitlan.	From Salamanca to the Pacific coast.	From Ometusco to Pachuca and Tulancingo.	San Luis Potosí to Tantoyuquita.	Lagos and Guadalajara to San Blas.	From Celaya to San Juan del Rio.	From Tehuacan, via Oaxaca, to Port Angel. State of Oaxaca. March 22d, 1878.	From Vera Cruz to Alvarado.	From Tantoyuquita to the limit or boundary	line bet. Tamaulipas and S. Luis Potosí.	Charles president of Supplement of the Constraint	Central, International and Interoceanic.				

Subsidy . granted.	8,000	7,000 8,000 no sub.	6,500	ooo,8	8,000	000'9
Kilometers		9				10
Length in Kilometers.	65 51 142	457		160	150	126
Date of Commission. Length in Kilometers Subsidy Kilometers. completed, granted.	Sept. 14th, 1880. Sept. 14th, 1880. Sept. 14th 1880.	Sept. 14th, 1880. Sept. 15th, 1880.	Nov. 27th, 1880.	Dec. 15th, 1880. Dec. 15th, 1880. Jan. 10th, 1881.	Jan. 19th, 1881. Feb. 2d, 1881.	Feb. 3d, 1881. March 28th, 1878.
To whom Granted.	State of Tlaxcala. State of Puebla. State of Yucatan. Limited company	represented by S. Camacho and D. Ferguson. Sept. 14th, 188o. State of Michoacan. Sept. 15th, 188o. José M. Amat.	State of Morelos.	Robert R. Syman. Dec. 15th, 1880. Francisco Canton. Dec. 15th, 1880. Ramon Zangroniz, Jan. 10th, 1881.	Pedro del Valle. Jan. 19th, 1881. State of San Luis Feb. 2d, 1881. & Aguascalientes.	
Names of Railroads. From San Martin to the Hidalgo and Tlax-	cala R. R. Puebla to San Marcos. From Mérida to Kalkini and Celestum. From Guayamas to the northern frontier.	From Patzcuaro to the Pacific.  From Toluca to the mines of Ixtapa del Oro. José M. Amat. Making a junction between the Morelos and Mexican lines at a point between Te-	pexpan and Irolo.  Carboniferous district, from the Yaqui to	Merida to Valladolid.  Jalapa to Vera Cruz.	x. Central,	Station and town of Tlalmanalco. From Mérida to Petoria, Ticul and Tecax.

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SKETCH OF SOME OF THE MOST IMPORTANT RAILROAD CHARTERS GRANTED BY THE MEXICAN GOVERN-MENT TO AMERICAN COMPANIES.

Contract made between the Department of Public Works, representing the Executive, and Messrs. Sebastian Camacho and Ramon G. Guzman, representatives of the Mexican Central Railway Company (limited), for a railroad to be constructed from the City of Mexico to Leon, connecting with the City of Queretaro, Celaya, Salamanca, Irapuato, Guanajualto and Silao; from Leon, connecting with Aguascalientes, Zacatecas and Chihuahua, and from any convenient point between the cities of Mexico and Leon to any port on the Pacific coast, and connecting en route with the City of Guadalajara. This road is to be of standard gauge. The charter extends during the period of ninety-nine years; the Government having to pay, in this case, cash upon the valuation to be made, as in other cases already stated, of all property of the company except the road-bed and structures comprising it. If the Government determine to sell or rent the road, the company to have the preference in either case. The line from Mexico to Leon to be finished on December 31st, 1882 (a very short time); the line to the Pacific within five years, and to Paso del Norte within eight years after the conclusion of the road from Mexico to Leon. A bond of \$250,000 to be deposited in the City of Mexico.

Contract between the Executive and James Sullivan, representative of the National Mexican Construction Company, for the construction and operation of a narrow-gauge railroad from the City of Mexico to the Pacific ocean at the port of Manzanillo or Navidad, passing through Toluca, Maravatio, Acambaro, Morelia, Zamora and la Piedad, and from Mexico to the northern frontier, leaving the Pacific line between Maravatio and Morelia, and passing through the cities of San Luis Potosi, Saltillo and Monterey to any point on the Rio Grande between Laredo and Eagle Pass. This concession is for ninety-nine years, the Government obligating itself to purchase for cash, or rent or sell to the company as under the concession of September 8th last. The line to the Pacific to be finished within five years, and that to the frontier within eight years from date of charter. A subvention granted of \$7,500 per kilometre, or

\$12,075 per mile, for the line from the City of Mexico to the Pacific, and \$6,500 per kilometre, or \$10,465 per mile, for that portion extending from the junction with the Pacific line to the northern frontier, to be paid out of the proceeds of four per cent. of the maritime and frontier custom duties, without interest. A subsidy granted of \$9,500 per kilometre, or \$15,295 per English mile, except when route adopted takes lines subsidized under other grants. Payment to commence after the construction of the first hundred and fifty kilometres, and paid in installments upon each succeeding fifty kilometres, except for those portions of the road already occupied by narrow-gauge roads, when the difference of \$1,500 per kilometre, or \$2,415 per mile, only will be paid, to be met out of an appropriation of six per cent, of the duties to be collected at all the maritime and frontier custom-houses of the Republic. The tariff for freight and passengers to be as authorized by act of Congress of June 1st, 1880. Length, 1,767 miles. Thirty miles of track laid north from the City of Mexico, and construction being pushed forward. Date of contract, September 8th, 1880.

First payment to be made upon the completion of one hundred and fifty kilometres, and succeeding payments upon the completion of each twenty-five kilometres. A bond of \$300,000 in cash to be deposited in the City of Mexico, to remain on deposit until one hundred kilometres of road are constructed.

The tariff rates fixed at the time of the granting of the charter; to be revised every two years, as is generally provided for under all charters; but in every case the company is prohibited from increasing these rates under any circumstances. Length of main line and branch, 1,230 miles. Construction said to be going on rapidly. Date of contract, September 13th, 1880.

THE INTERNATIONAL AND INTEROCEANIC RAILWAY CO.

The Jay Gould South-west System of Railroads to connect with the City of Mexico and the Pacific and Atlantic Oceans in Mexico.

The South-west system of roads consists of the Missouri Pacific, the Texas Pacific, the Missouri, Kansas and Texas, the Iron Mountain, the International and Great Northern, and the New Orleans

and Pacific. They comprise about 7,000 miles of line. They have all been placed under one head, with Mr. Gould as president of all the roads, with Mr. R. S. Hayes as vice-president and executive officer, with headquarters at St. Louis. The managers are A. A. Talmage, A. W. Soper, H. M. Hoxie. The general management of the seven roads has been reduced to one. Its eastern connection is through the Wabash, which connects with a line through Canada, reaching to the sea-board on one side, and a line south of the lakes reaching to New York on the other side, giving them two through outlets. These outlets are the Great Western of Canada, the Delaware and Lackawanna, and by means of the Pennsylvania road a link that connects with the New Jersey Central, which takes them to New York. This system of roads has obtained a charter from the Mexican Government under the name of the International and Interoceanic Railway Co. They are to run from Laredo to the City of Mexico via Guerrero, Mier Santander, Jimenes and Victoria in the State of Tamaulipas, and from Victoria via Jalancingo to the City of Mexico, with the option of building branches to Vera Cruz, to Tampico and Matamoros. This company is pushing the building of their roads in Mexico at a rapide rate. This line is of easy construction from Laredo to Victoria. At the latter place it will have to go through mountain ranges, and will be more expensive to construct; but as it will run through the "Huasteca" country, one of the richest portions of Mexico in natural and agricultural productions and mineral wealth, as well as on account of its shortness, it will highly repay for the cost of its construction.

This system, at the City of Mexico connects with the concessions obtained by General Grant, which is part of the same scheme. The connections extend from the City of Mexico via the City of Puebla to the City of Oaxaca, and is to connect with the trunk line which is to run almost due south from Vera Cruz to the Pacific. passing through the State and City of Oaxaca.

THE NEW YORK, TEXAS AND MEXICAN RAIROAD, BETTER KNOWN AS COUNT TELFENER'S ROAD,

The initial point of this line is at Rosenburg Junction, in Texas, via Wharton, Victoria, San Patricio and Banquete. It will reach Brownsville on the Rio Grande.

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This company has lately obtained a charter from the Mexican Government to construct a road from Matamoros to Tampico in Tamaulipas.

THE MEXICAN NATIONAL OR PALMER-SULLIVAN RAILROAD IN MEXICO (IN FEBRUARY, 1882).

Official reports, that are beyond a doubt, show that this company is progressing as rapidly as possible in the construction of their lines, viz.:

Toluca Division.

22 kilometres of completed road.

37 " graded.

Maravatio Division.

42 kilometres completely graded.

55 " nearly graded.

8 " completed road from Maravatio to Acambaro.

Zacatecas Division.

20 kilometres of completed road.

12 " of graded road.

Morelia Division.

58 kilometres of road graded east.

20 " of road graded west.

Colima Division.

31 kilometres of graded road.

Laredo Division.

40 kilometres of completed road.

40 " of graded road.

Making a total of 82 kilometres of road in running order and 339 of graded road. Since writing the above the line from Laredo to Monterey has been completed through the town of Lampasas, to Villaldama and will be completed to Monterey by September next.

### THE MEXICAN PACIFIC.

The Mexican Pacific, which is an extension of the Galveston, Harrisburg and San Antonio Railway in Texas (or Sunset Route), connects at Houston with the New Orleans and Houston Railway; also with the International and Great Northern, and at Rosenberg Junction with the New York and Texas-Mexican, or Count Telfener's road, and the Galveston and Santa Fé Railway. It is constructed through one of the prettiest portions of Western Texas. It is almost finished to Eagle Pass, on the Rio Grande, and is now the shortest and quickest route to the following points in Mexico: Piedras Negras (town opposite Eagle Pass), Monclova, Durango, Zacatecas, Guanajuato, Queretaro and the City of Mexico.

Within two months it will be completed to El Paso, where it will connect with the Southern Pacific, and also with the Mexican Central road. When completed, which will be about 1883, it will be the main artery of travel and trade in Mexico.

It is the intention of Cols. Pierce and Huntington to construct a railway which, starting from Eagle Pass and running through a rich portion of Mexico, will connect at the rich mining district of Parral with the Mexican Central, and reach the Pacific at or about the mouth of the Fuerte River, near the boundary line of the States of Sonora and Sinaloa. They will probably also construct another line running from Eagle Pass to Durango, to connect with the Mexican Central, and reach the port of Mazatlan on the Pacific.

The construction of these roads in the United States, by Cols. Pierce and Huntington, has been pushed with wonderful rapidity. They deserve great credit for the manner in which they have lavished capital to make them first-class roads in every respect, and for opening to the world the garden spot of Texas and the hidden wealth of Mexico. They must be looked upon not only as great railroad builders but as public benefactors.

### TELEGRAPHIC LINES IN THE RE-PUBLIC OF MEXICO IN 1881.

### LINES BELONGING TO THE GOVERNMENT.

Eastern lines, 1,945 kilometres, 483 metres; 45 offices. Eastern lines, 6,440 kilometres, 119 metres; 99 offices. Western lines, 1,394 kilometres, 940 metres; 37 offices. Southern lines, 584 kilometres, 376 metres; 9 offices. Making a total of 10,364 kilometres, 918 metres, and 190 offices, which carried during the year 1881, 281,697 messages for the amount of \$126,962.43.

### LINES BELONGING TO THE STATES.

State of Zacatecas, 1,076 kilometres, 492 metres; 19 offices. State of Hidalgo, 314 kilometres 250 metres; 9 offices. State of Morelos, 251 kilometres, 400 metres; 12 offices. State of Michoacan, 11 kilometres; 2 offices. Making a total of 1,653 kilometres, 142 metres, and 42 offices, which carried 31,609 messages for the sum of \$11,031.28.

### LINES THE PROPERTY OF RAILROADS.

Mexican Railway, 485 kilometres; 39 offices that carried 349,092 messages for the estimated amount of \$203,704.82.

The Morelos Railroad, 127 kilometres; 9 offices that carried 30,300 messages for the amount of \$610.33.

The Cuantitlan and Salto Railroad, 81 kilometres, 995 metres; 8 offices that carried 3,855 messages for the sum of \$590.51.

The Central to Tula, 80 kilometres, 210 metres.

The line from San Marcos to Puebla, 49 kilometres, 169 metres; 2 offices.

Making a total of 887 kilometres, 834 metres of telegraphic lines, with 58 offices, the property of railroads in Mexico that carried 355,977 messages for the sum of \$204,905.66.

### LINES OWNED BY PRIVATE COMPANIES.

From Mexico to Vera Cruz, 1,047 kilometres 500 metres; 17 offices that carried 55,956 messages for the sum of \$42,170.78.

Lines in the State of Vera Cruz, 617 kilometres 980 metres; 14 offices whose receipts amounted to \$14,743.55.

Lines in the State of Jalisco, 1,635 kilometres 685 metres; 39 offices that carried 17,823 messages.

Making a total of 3,301 kilometres 165 metres; 70 offices that carried 71,779 messages for the sum of \$56,914.33.

Submarine cable, inaugurated in March, 1881, 703 kilometres 133 metres; 3 offices.

Making a grand total of 16,910 kilometres 192 metres of teleraphic lines, with 363 offices in the Republic that carried 744,917 messages for the amount of \$399,813.72.

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### WEIGHTS AND MEASURES.

The French metric system of weights and measures has been adopted in the Republic of Mexico and is now in force.

But in the country, the inhabitants have not done away with the old system, (although it is no longer the legal one,) of which we give a sketch.

MEXICAN LAND MEASURES.

(Translated from the "Ordenanzas de tierras y aguas.")

The Mexican vara is the same as the vara of Castile, and is divided into thirds or foot-fourths, sixths and thirty-sixths inch. It equals 33½ inches American measure.

Fifty Mexican varas make a measure called "cordel."

A Mexican league contains 100 cordels, or 5,000 varas.

The league is divided into halves and quarters. The half-league contains 2,500 varas, and a quarter of a league 1,250 varas.

Sitio de Ganado Mayor (sitio, a farm for raising cattle).

The figure of a sitio de estancia de ganado mayor is a square whose sides measure 5,000 Mexican varas. The area of a sitio is 25,000,000 square varas, or 4,428 acres.

Criadero de Ganado Mayor (place for breeding animals).

It is a square equal to a fourth part of a *sitio de ganado mayor*, whose sides measure 2,500 varas, and contains an area of 6,250,000 square varas.

Sitio de Ganado Menor (farm for raising sheep or goats).

The form of a sitio de estancia de ganado menor is a square whose sides measure 3,3331/4 varas. Its area contains II,III,IIII square varas.

Criadero de Ganado Menor.

It is a square whose sides measure 1,666% varas, and its area contains 2,767,777% square varas.

Caballeria de Tierra (33 1-3 acres American measure).

The form of a caballeria de tierra is a rectangular parallelogram whose north or small side contains 552 varas, and whose greatest length is 1,104 varas. Its area contains 609,408 square varas.

Media Caballeria de Tierra.

It is a square whose side measures 552 varas, and contains 304,704 square varas.

Suerte de Tierra (lot of ground-a chance).

It is the fourth part of a *caballeria de tierra* and the same figure, whose long side measures 552 varas and 276 in width. It contains 152,352 square varas.

The Caballeria de Tierra is also divided into twelve fanegas of good seed oats. The fanega is equal to three American bushels, or a superficy of 8.5624 American acres.

Solar de Tierra (ground on which a house is built—town lot).

Any parcel of land less than a suerte.

Solar para Casas (for houses, mills and markets). It is a square of 50 varas; 2,500 square varas.

Fundo Legal (piece of ground which is cultivated—town site). It is a tract of land whose form is a square of 1,200 varas on each side, and contains an area of 1,440,000 square varas.

Porcion.

Porcion is a measure sometimes used. It is a tract of land 1,000 wide, and 16,000 long.

Labor (a cultivated field).

A square containing 1,000,000 square varas or 177 acres.

Texas Measure.

League and labor, 26,000,000 square varas or 4,605 acres. To find the number of acres in a given number of square varas, divide by 5,646, fractions rejected.

# TABLE OF MEXICAN LAND MEASURE

				A man in Ca	Metr	Metrical System.	tem.	
Names of Land Measures in Spanish.	Length in Varas.	Width In Varas.	Area or Superficy ballerias and Hec- in Square Varas. Decimals, tares.	ballerias and Decimals.	Hec-	Ares.	Centi-	American Acr
r Hacienda.	25,000	2,000	125,000,000 205,117	205,117	8,778	05		22,143 1/2
1 Sitio de ganado mayor.	2,000	2,000			1,755	19		4,428
1 Sitio de ganado menor.	3,3331/5	3,3331/5		18,233	780	27	11	1,9681/
1 Criadero de ganado mayor.	2,500	2,500		10,256	438	8	25	1,107
1 " de ganado menor.	1,666%	1,666	2,777,7773	4,558	195	90	77	4927b
1 Fundo legal para Puebla (town	1,200	1,200	1,440,000	2,363	IOI	12	31	25510
site).								
1 Labor.	1,000	1,000	1,000,000	1,641	70	22	4	1771
I Caballeria de tierra.	1,104	552	609,408	1,000	42	79	53	107,100
	552	552	304,704	500	21	29	9/	53,661
¼ " or suerte.	552	276	152,352	250	10	69	88	26 551
I Fanega des embrodura de maiz.	276	184	50,784	8314	3	56	62	8 562
1 Solar para casa, molino ó venta.	. 20	50	2,500	4		17	55	

# ENGLISH WEIGHTS AND MEASURES COMPARED WITH THE METRICAL SYSTEM OF WEIGHTS AND MEASURES.

### LINEAR MEASURES.

LINEAR MEASU	RES.
English.	Metrical.
I inch (1 of a yard) corresponds to	. 2.539954 centimetres.
-1-11/1	3.0479449 decimetres.
1 yard "	. 0.91438348 metres.
I fathom (2 yards) "	0.0 44
I pole or perch (5½ yards) "	. 5.02911 "
I furlong (320 yards) "	201.16437 "
I mile (1,760 yards) "	1609.3149 "
Metrical.	English.
I millimetre corresponds to	o.o3937 inches.
I centimetre "	0.393708 "
I decimetre "	3.937079 "
	(39.37079 "
I metre "	{ 3.2808002 feet.
	( 1.093633 yards.
1 kilometre, or 1,000 metres, correspon	ds to
0.62137 n	niles, or 3,280 feet 10 inches.
I myriametre corresponds to	6.2138 miles.
SUPERFICIAL MEA	ounes.
	ISURES.
English.	Metrical.
I square yard corresponds to	
I rod (or sq. perch) "	. 25.291937 "
1 rod (1,210 sq. y'ds) "	10.116775 acres.
I acre (4,840 s. y'ds) "	. 0.40467 hectares.
Metrical.	English.
I square metre equals	1.196033 sq. yards.
I are "	0.98845 rods.
I hectare "	2.471143 acres.

### MEASURES OF CAPACITY.

English.	Metrical.										
1 pint (1/8 of a gallon) equals	0.567932 litres.										
I quart (¼ of a gallon) "											
I imperial gallon "											
1 peck (2 gallons) "											
1 bushel (8 gallons) "											
I sack (3 bushels) "	. 1.09043 hectolitres.										
Metrical.	English.										
. liana	1.760773 pints.										
I litre equals	0.2200967 gallons.										
I decalitre equals	. 2.2009668 "										
1 hectolitre "	. 22.009667 "										
WEIGHTS.											
English Troy Weight.	Metrical Weight.										
I grain (1) of a pennyweight) corresponds to											
I pennyweight "	3313										
I ounce (1 of a pound) "											
I pound "	. 0.3930956 kilos.										
English Avoirdupois.	Metrical.										
I dram (1 of an ounce) corresponds to .	. 0.06477 grams.										
1 ounce (1 of a pound) "	. 28.3384 "										
1 imperial pound "	. 0.4534148 kilos.										
	. 50.78246 "										
I ton (20 cwt.) "	. 1015.649 "										
Metrical.	English.										
(15.4	138 troy grains.										
I gram corresponds to	43 pennyweights.										
( 0.0	3216 troy ounces.										
1 kilogram,	8026 troy pounds.										
	20549 avoirdupois p'ds.										

The troy weights are used to weigh principally precious metals and medicines, etc., and the avoirdupois for general use in commerce. (The above tables are taken from the Bureau of Longitudes, Paris, France.)

### TARIFF OF PUBLIC LANDS IN 1876.

								***	Price		Price of a S de Gana Mayor or 4	do
In the	Territo	ry of Lower	Calif						Hect		acres.	
46	State of	Sonora,		orni	a,				\$0		\$105	34
44	"	Chihuahua,								12	210	
**		Coahuila,			*		•		0	12	210	67
44		Nuevo Leon						•		12	210	-
	"	Tamaulipas								15	263	
**	"	Sinaloa.	,			*				15	263	-
**	"									18	316	
**	"	Durango,				*		2	0	18	316	10
		Zacatecas,							I	00	1,755	61
44		San Luis Pe Jalisco, .							I	00	1,755	61
44	"								I	00	1,755	61
		Aguas Cali							I	50	2,633	II
		Guanajuato							2	00	3,511	22
	"	Queretaro,							2	00	3.511	22
		Michoacan,							1	00	1,755	61
		Colima,							I	00	1,755	61
**	4"	Guerrero,							0	75	1,316	71
**	"	Morelos,		,		*			2	00	3,511	22
		Mexico, .							2	00	3,511	22
**		District,							2	50	4,389	02
**	State of	Tlaxcala, .							I	50	2,633	41
		Puebla,							2	00	3,511	
	"	Hidalgo, .							I	50	2,633	41
**	"	Vera Cruz,							0	65	1,141	15
	"	Oaxaca, .							0	75	1,316	71
		Chiapas,							0	25	438	90
"		Campeche,				1			0	75	1,316	71
		Yucatan,							. 0	25	438	90

ITEMS OF INTEREST TO ALL IMPORTERS OF MERCHANDISE INTO THE REPUBLIC OF MEXICO.

All persons sending articles of commerce from foreign countries into the Republic of Mexico shall make out invoices in triplicate of all goods, fruits or effects remitted to each consignee.

The invoices shall be drawn up according to the form attached to the tariff.

It shall indicate:

1st. The name of the vessel, her captain, port of destination, consignee of articles contained in the invoice, and the nation from which the merchandise originally proceeds, the date of invoice and the signature of shipper; same *in total*.

2d. An account, both in writing and figures, of the number of packages, boxes, barrels, bales, or any other kind of packing; the same *in total*.

3d. The mark and corresponding number of each package as well as its gross weight, excepting that of iron, machinery and railroad material, which may be given with total weight of each lot; same in total.

4th. The name, material, and class of merchandise specificed in accordance with tariff; same in total.

B. The quantity in writing and figures of articles that are to pay duty by piece, pair, dozen or thousand; same in total.

C. The new weight of merchandise that are to pay by net weight, giving the unit taken as a basis.

The names of the goods contained in one and the same package, and paying different duties, should be given whether there is any duty on net weights on them, or whether they are free.

D. The length, width and number of pieces of merchandise that ought to pay by measurement, giving unit of measurement that has been used as a basis; same *in total*.

Invoices should state the value of free goods.

Invoices must be presented with consular certificates.

As importers will always have to employ a custom-house broker, we do not deem it necessary to publish here the tariff—the law of December 14th, 1881—which is too lengthy. It is only necessary to say that the penalties imposed by the Mexican laws for non-compliance, bad faith and fraud are very severe, and importers should be careful in having their documents properly drawn up.

### ABRIDGED

# Mexican Tariff on Imports.

Cotton Goods.	~							
Domestic (unbleached),	per so	uare i	netre,				00	-
" (bleached),	"		"				50	09
Calico,	41	**		***		1		16
Thread (white),	" kile	oram	,		*			14
Thread (colored),	- 44	u						60
Thread (spool), .	" dos	en,						96
Cassimeres and similar		,						14
woolen goods, .	" squ	are m	etre.					
Carriages (open), and								40
coupés,	each,						176	00
Coaches, phaetons, lan-							.,0	00
daus, etc.,							396	00
Buggies,	**				-		132	
Sulkies,	**						66	
Wagons,	41							
Harness for carriages, .	per ki	lograr	n (ornes	weigh			80	
Harness for wagons, .	**	"	" (51033	weigh			2	00
Furniture, 55 per cent. on	invoic	e and	25per co	ent ade	litio	· nal		86
Pianos,	per ki	logran	m (gross	weigh	11110	ildi.		
Flour,	**	"	net	weig:	u),			43
Wheat,	7,	"	"	"				10
Barley,		"	"					04
Rice, ·	**				*			03
Hops,		**	"	"				07
Hams (smoked),	**	"	"	"				18
Meats (salt and smoked),	**	"	"					24
Lard,	"	**	"	"	-			24
Butter,	11		"	"				24
								24