

## SECTION X.

## FORESTS, FORESTRY, AND FORESTAL PRODUCTS.

## § 1. The Forests of Australia.

1. **Extent of Forests.**—Although no definite survey of forest lands has been made on a uniform basis for the different States of Australia, the following table gives the results of careful estimates made for each State :—

## FOREST RESERVES AND FOREST AREAS, STATE AND COMMONWEALTH, 1913.

State.	Specially Reserved for Timber.	Total Forest Area.	Percentage of State Area.		Percentage of Commonwealth Area.	
			Specially Reserved.	Total Forest.	Specially Reserved.	Total Forest.
	Acres.	Acres.	%	%	%	%
New South Wales	*6,853,823	15,000,000	3.46	7.55	0.36	0.78
Victoria ...	4,160,342	11,800,000	7.40	20.98	0.22	0.62
Queensland ...	4,108,470	40,000,000	0.96	9.32	0.22	2.10
South Australia ...	154,232	3,800,000	0.07	0.66	0.01	0.20
Western Australia	12,371,152	20,400,000†	1.98	3.27	0.65	1.07
Tasmania ...	1,017,949	11,000,000	6.07	65.56	0.05	0.58
Commonwealth	28,665,973	102,000,000	—	—	1.51	5.35

\* Inclusive of Federal area. † S.W. division only.

The actual area of wooded land is probably in all cases much greater than shewn above. For example, that of Western Australia is estimated at 97,900,000 acres; Queensland has probably 143,000,000 acres; and Victoria has a considerable extent of "Mallee" country not included in the above estimate. The basis of estimation for each State in any case cannot be regarded as quite identical. Considerable areas not included as forest lands possess timber of local value.

In each of the States areas have been set apart as State forests and "timber reserves," in some cases the reservation being made in perpetuity, in others for a definite period; in others again the reservation may be cancelled at any time.

The absolute and relative forest areas of Australia and other countries, to the latest available date, are shewn in the table on the next page.

## RELATIVE AREAS OF FOREST LANDS, AUSTRALIA AND OTHER COUNTRIES.

Country.	Total Forest Area.	Percentage of Total Area.	Country.	Total Forest Area.	Percentage of Total Area.
	Sq. Miles.	%		Sq. Miles.	%
<b>Commonwealth</b> ...	<b>159,375</b>	<b>5.35</b>	Rumania ...	10,836	21.36
New Zealand ...	26,562	25.63	Sweden ...	90,241	52.20
United Kingdom ...	4,820	3.84	Norway ...	26,685	21.50
France ...	36,005	17.58	Russia in Europe	859,375	39.00
Algeria ...	10,249	2.98	United States ...	860,000	24.08
Germany ...	54,015	25.90	Canada ...	625,000	17.34
Switzerland ...	3,290	20.60	Cape Colony ...	537	0.19
Italy ...	17,613	15.92	British India ...	126,330	11.55
Austria ...	37,700	31.66	Japan ...	29,680	18.24
Hungary ...	34,750	29.30			

2. **Distribution of Timber.**—The characteristics of the forest areas are given in some detail for each State in the Official Year Book No. 6, pp. 446-9. The more conspicuous timber regions of Australia as a whole are the eastern and southern portions, including Tasmania, and, again, the south-western portion northwards and eastwards from Cape Leeuwin. In regard to distribution, on the eastern side of the continent the largest timber is found on the crests and coastal slopes of the mountain ranges, but in the south-west, in addition to the vegetation between mountains and sea, a large area of forest stretches inland from the coastal ranges. The hills encircling Adelaide and Yorke and Eyre Peninsulas also bear good forest. The Kimberley district is timbered, and in the Northern Territory and round the shores of the Gulf of Carpentaria there are considerable forest areas. In the coastal regions of parts of West and North-West Australia, and along the shores of the Great Australian Bight and Encounter Bay, there is little forest. The areas in the centre of the continent are thinly timbered.

## § 2. Forestry.

1. **Objects.**—Economic forestry, aiming at the conservation of forestal wealth by safeguarding forests against inconsiderate destruction, and by the suitable re-afforestation of denuded areas, is essential to the preservation of industries dependent upon an adequate supply of timber, and to the perpetuation of a necessary form of national wealth. Though in Australia large areas of virgin forests still remain, the inroads made by timber-getters, by agriculturists, and by pastoralists—who have destroyed large areas by “ring-barking”—are considerable; and it is not unlikely that climatological changes are caused thereby. It is stated that beneficial consequences follow on the planting of trees on denuded lands, or along eroding coasts, and that a forest covering tends to beneficially regulate the effects of rainfall.

Successful planting of exotics in various parts of the Commonwealth has demonstrated that the Australian climate is suitable for the cultivation of a large number of the most valuable and beautiful of the world's timber trees.

2. **Forestry Departments.**—Each State of the Commonwealth, excepting Tasmania, has organised a separate forestry department or branch of service specially charged with forestal matters. Forest improvement work is carried on, areas of young forest being cleaned up by the felling and removal of stunted, diseased and suppressed growth, the

burning of debris and the making of fire breaks. Provision is made for effective patrols in forest districts, to check the ravages caused by fires, often, it is believed, caused through carelessness.

3. **Sylvicultural Nurseries and Plantations.**—Recognition of the necessity for systematic sylviculture has led to the creation in most of the States of a number of sylvicultural nurseries and plantations. The locality of these establishments, together with a brief statement of the nature of their activities, is given in previous issues of the Year Book. (Reference may be made to Official Year Book No. 6, pp. 451-3.) Details regarding forest reserves, nurseries, and trial stations are as follows:—

#### FOREST RESERVES AND NURSERIES, 1913.

Particulars.	New South Wales.	Victoria.	Q'land.	South Australia.	Western Australia.	Tasmania.	Commonwealth.
State Forest Reserves— Number (for area see page 378) ...	1,486	317	348	38	292*	63	2,544
State Forest Nurseries— Number ...	1	3	2	7	1	1	15
Area ...	126	54	1	7	17	5	210
Plantation Trial Stations— Number ...	7	11	2	...	2	...	22
Area ...	4,497	19,070	40	...	850	...	24,457
Number of persons employed in Forestry Departments— Administrative ...	16	16	2	1	6	1	42
Professional ...	6	5	1	1	...	2	15
General ...	151	116	18	174	32	7	498

\* Areas specially reserved.

4. **Revenue and Expenditure.**—The revenue and expenditure of the State Forestry Departments from 1909-10 to 1913-14 are given below:—

#### REVENUE OF STATE FORESTRY DEPARTMENTS, 1909-10 to 1913-14.

State.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.
	£	£	£	£	£
New South Wales ...	66,030	87,618	95,231	96,145	99,333
Victoria ...	37,992	43,886	45,077	51,146	57,746
Queensland ...	35,200	39,645	53,840	63,467	62,973
South Australia ...	3,089	3,756	4,849	5,609	6,868
Western Australia ...	31,549	23,985	23,456	33,805	48,236
Tasmania ...	3,840	4,366	3,800	4,414	4,659
Commonwealth ...	177,700	203,256	226,253	254,586	279,815

## EXPENDITURE OF STATE FORESTRY DEPARTMENTS, 1909-10 to 1913-14.

State.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.
	£	£	£	£	£
New South Wales ...	24,510	26,695	34,408	42,154	44,828
Victoria ...	27,230	46,448	41,686	56,899	58,007
Queensland ...	5,000	8,000	2,954	5,397	7,386
South Australia ...	16,411	20,968	23,296	22,858	22,832
Western Australia ...	10,110	8,572	8,874	10,469	11,463
Tasmania ...	260	240	220	760	760
Commonwealth ...	83,521	110,923	111,438	138,537	145,276

5. **Instruction in Scientific Forestry.**—Forestry schools have been established in which, while general scientific instruction is imparted, special attention is paid to forestry. In the classes, theoretical forestry, botany, geology, physics, land surveying, etc., are taught; while in outside work trainees receive practical instruction in the preparation of seed-beds, seed-sowing, propagation, planting out, pruning, the general care and improvement of plantations and natural forests, and the employment of timber to the best advantage. The desire is to give the prospective forester a thorough training in all branches of the work. Courses of lectures are also given at various centres, and at some of the higher technical schools, members of the forest staffs are afforded opportunities of qualifying in special subjects.

6. **Forest Congresses.**—An Australian Interstate Conference on Forestry was held at Sydney in November, 1911. Many of the recommendations which the conference approved have been carried out. An International Forest Congress was held at Paris in June, 1913, when Professor Percy Groom, of South Kensington Imperial College, represented the Commonwealth Government. The papers and reports dealt chiefly with the threatened shortage of timber, and the measures necessary to avert the danger.

### § 3. Commercial Uses of Principal Australian Timbers.

The uses of the more important of Australian timbers are many and various, and are indicated in previous issues of this work (see Official Year Book No. 6, pp. 454-6).

As aids in the development of Commonwealth industries, the Government is experimenting with Australian woods for rifle stocks, telephone switch boards, etc. It has also made available a sum of money for the seasoning and storing of Australian timber. Timber seasoning depôts have also been established by States Governments at the principal centres, and from these contractors may obtain timber at scheduled rates. Other timber seasoning works have been established by private enterprise.

### § 4. Forestal Industries and Production.

1. **Timber.**—Estimates of the quantity and value of timber cut and sawn have been prepared by the States Forestry Departments, and are as follows:—

**QUANTITIES OF LOCAL TIMBER SAWN OR HEWN IN EACH STATE OF THE  
COMMONWEALTH DURING THE YEARS 1909 to 1913.**

State.	1909.	1910.	1911.	1912.	1913.
	sup. feet.	sup. feet.	sup. feet.	sup. feet.	sup. feet.
New South Wales ... ..	134,070,000	138,845,000	142,358,000	162,604,000	164,899,000
Victoria ... ..	50,000,000	51,000,000	53,000,000	60,000,000	81,770,000
Queensland ... ..	108,391,000	116,438,000	138,896,000	163,828,000	156,634,000
South Australia ... ..	240,500	210,000	217,000	183,000	100,000
Western Australia ... ..	171,825,000	174,528,000	191,114,000	217,696,000	218,908,000
Tasmania... ..	45,035,000	54,933,000	66,061,000	63,243,000	60,780,000
Commonwealth ... ..	509,561,500	535,954,000	591,646,000	667,554,000	683,091,000

**2. Other Forest Produce.**—No satisfactory estimates of the total value of forest production are available. Large returns are credited to firewood, but these are subject to a wide range of uncertainty.

**§ 5. Oversea Trade.**

**1. Imports.**—The quantity and value of timber imports during the four years 1910 to 1913 inclusive are shewn according to countries of origin in the following tables:—

**IMPORTS OF DRESSED TIMBER, COMMONWEALTH, 1910 to 1913.**

Country of Origin.	Quantity.*				Value.			
	1910.	1911.	1912.	1913.	1910.	1911.	1912.	1913.
	sup. ft.	sup. ft.	sup. ft.	sup. ft.	£	£	£	£
United Kingdom ... ..	12,012	6,350	95,938	3,537	409	177	1,070	191
New Zealand ... ..	2,304	6,251	77,821	4,427	30	36	1,107	32
Other British Poss. ... ..	39,459	46,375	961,085	2,344	633	227	8,468	26
Norway ... ..	48,465,404	59,396,352	45,796,037	56,251,225	338,924	446,180	341,731	399,699
Sweden ... ..	15,648,298	27,249,978	23,827,979	23,571,012	100,965	201,142	176,697	187,988
United States ... ..	1,747,748	1,812,295	4,299,739	1,938,088	21,510	23,099	37,477	19,658
Other For. Countries ... ..	231,960	399,696	22,283	700,809	4,280	3,855	417	5,566
Total ... ..	64,147,155	88,917,337	75,080,872	82,471,445	466,754	674,716	566,987	613,360

\* Exclusive of timber not measured in super. feet.

**IMPORTS OF UNDRESSED TIMBER, INCLUDING LOGS, COMMONWEALTH,  
1910 to 1913.**

Country of Origin.	Quantity.*				Value.			
	1910.	1911.	1912.	1913.	1910.	1911.	1912.	1913.
	sup. ft.	sup. ft.	sup. ft.	sup. ft.	£	£	£	£
United Kingdom ... ..	65,420	97,485	311,535	65,342	738	1,509	3,409	1,189
Canada ... ..	15,585,078	25,806,593	12,371,444	12,263,586	68,308	110,238	54,116	54,369
India ... ..	483,635	826,240	740,059	682,724	13,604	15,373	20,847	18,490
New Zealand ... ..	70,604,559	85,383,540	93,524,793	64,469,843	416,630	571,979	654,093	453,798
Straits Settlements ... ..	295,525	313,443	544,190	281,155	1,799	1,658	2,785	1,454
Other British Poss. ... ..	75,033	267,545	59,607	2,793	900	2,922	550	61
Japan ... ..	7,138,554	13,218,773	11,911,714	16,011,418	29,127	62,552	61,900	72,095
Java ... ..	64,459	324,630	7,319	45,890	1,244	5,765	147	1,312
Norway ... ..	6,104,204	5,798,584	4,152,072	6,204,961	43,065	45,165	29,093	42,162
Russia ... ..	14,878,825	21,641,285	9,258,609	10,516,517	83,408	136,645	56,099	66,434
Sweden ... ..	6,506,762	6,093,004	6,986,236	5,905,476	44,378	40,459	50,072	44,696
United States ... ..	156,219,083	193,949,570	227,112,385	256,331,192	835,614	987,016	1,209,626	1,418,760
Other For. Countries ... ..	653,617	507,182	2,074,393	317,975	3,354	4,011	18,878	2,771
Total ... ..	278,674,754	354,227,874	368,954,356	373,118,802	1,542,178	1,985,292	2,161,605	2,157,591

\* Exclusive of timber not measured in super. feet.

2. Exports.—The quantity and value of undressed (sawn) timber exported from 1909 to 1913 are given below, the countries of destination being also shewn.

### EXPORTS OF UNDRESSED TIMBER (SAWN), COMMONWEALTH, 1909 to 1913.

Country to which Exported.	Quantity.*					Value.				
	1909.	1910.	1911.	1912.	1913.	1909.	1910.	1911.	1912.	1913.
	1000 sup. ft.	1000 sup. ft.	1000 sup. ft.	1000 sup. ft.	1000 sup. ft.	£	£	£	£	£
United Kingdom...	21,689	10,879	10,436	11,325	20,222	151,724	77,003	77,070	79,940	140,082
Canada ...	492	610	546	456	619	5,267	7,038	6,640	5,893	8,028
S. African Union	3,768	11,687	19,243	39,544	33,793	24,712	80,223	32,094	270,282	233,782
Ceylon ...	2,235	303	611	576	1,926	14,864	1,833	4,110	4,153	12,923
Fiji ...	1,305	1,994	1,900	2,359	1,421	7,950	13,392	12,416	17,342	12,939
India ...	55,357	44,852	52,254	31,477	23,960	364,430	300,411	353,482	209,312	160,577
Mauritius ...	8	525	273	225	235	75	3,533	2,138	1,501	1,587
New Zealand	25,424	20,766	27,137	21,061	38,566	172,705	147,314	199,666	162,518	278,975
Ocean Island ...	416	268	120	446	347	3,236	1,605	768	3,682	3,139
Papua ...	160	357	435	614	598	1,366	3,497	4,223	6,410	6,184
Straits Settlements	601	52	52	81	88	3,877	320	380	506	478
Other British Pos.	4,022	2,643	103	18	249	29,702	19,651	774	184	2,151
Argentine Repub.	1,134	3,007	2,474	667	1,584	7,499	19,797	16,492	4,447	10,558
Belgium ...	1,820	3,535	2,887	2,727	2,429	12,154	24,870	21,665	19,193	17,146
China ...	7,263	409	2,138	1	1	26,595	2,693	14,250	2	2
Egypt ...	10,176	15,708	7,289	50	56	62,096	104,600	48,594	333	377
Germany ...	2,027	1,944	1,829	1,774	1,762	17,987	18,555	18,122	17,394	14,293
Japan ...	73	26	36	90	86	484	317	354	771	890
Kaiser Wilhelm L.	75	43	79	98	131	556	333	648	891	1,522
Marshall Islands...	162	229	226	140	211	1,325	1,643	2,023	1,366	2,227
Netherlands ...	35	...	3	...	...	256	...	26	...	...
Neu Pommern ...	311	562	372	611	...	2,504	4,838	3,498	6,231	...
New Caledonia ...	118	441	355	232	201	949	3,511	3,096	2,017	2,123
Philippine Islands	306	3,282	2,941	61	63	3,372	21,132	19,608	414	449
Port'guese E. Africa	3,539	4,720	2,639	380	3,106	24,230	31,036	17,416	3,890	21,775
South Sea Islands (so described) ...	337	388	631	914	838	2,965	3,247	5,520	9,129	8,403
U.S. of America ...	659	2,501	4,907	942	1,295	7,703	12,693	25,032	11,182	13,579
Uruguay ...	3,894	6,240	1,888	1,754	...	25,963	41,596	12,589	11,689	...
Other For. Count.	648	4,863	2,715	778	998	5,164	29,674	16,948	7,685	10,449
<b>Total</b> ...	<b>148,064</b>	<b>142,834</b>	<b>146,524</b>	<b>119,401</b>	<b>134,805</b>	<b>981,770</b>	<b>976,355</b>	<b>1,019,648</b>	<b>858,357</b>	<b>964,938</b>

\* Exclusive of timber not measured in super. feet.

### QUANTITIES OF TIMBER IMPORTED INTO AND EXPORTED FROM THE COMMONWEALTH, 1909 to 1913.

Description.	1909.	1910.	1911.	1912.	1913.
IMPORTS.					
Veneers ... Sup. feet	296,801	599,178	994,575	1,815,917	1,959,436
Dressed ... "	57,924,923	65,609,803	90,672,708	76,513,670	83,849,002
Undressed ... "	200,469,213	257,007,893	324,325,658	350,052,617	349,680,896
Logs ... "	11,335,870	21,666,861	29,902,216	18,901,739	23,437,906
Palings ... No.	...	...	...	...	...
Pickets ... "	1,226,082	2,123,398	1,523,849	2,065,145	2,302,748
Shingles ... "	1,270,476	690,710	937,270	1,242,720	1,526,994
Staves—Dressed, etc. "	4,600	600	5,440	920	...
Undressed ... "	2,390,888	3,929,063	3,863,457	2,181,121	3,639,969
Laths for blinds ... "	...	...	...	...	...
" other ... "	25,692,686	38,564,512	30,213,094	29,631,746	46,337,501
Spokes, rims, felloes ... "	659,298	835,400	1,916,045	...	...
Doors ... "	4	2	234	12,172	1,410
Architraves, mouldings, etc. ... Lin. feet	29,725	9,045	23,601	35,106	80,398
Other (Free) ...	...	...	...	...	...

\* Quantity not available.

## QUANTITIES OF TIMBER IMPORTED AND EXPORTED, ETC.—Continued.

Description.	1909.	1910.	1911.	1912.	1913.
EXPORTS.					
Veneers ...	...	...	...	...	...
Dressed ... Sup. feet	1,280,703	990,924	1,071,683	975,679	716,621
Undressed ... "	148,063,541	142,833,520	146,262,683	119,401,434	134,805,222
Logs ...	4,254,472	2,195,219	3,252,115	1,913,973	1,899,474
Palings ... No.	718,550	608,602	942,220	630,670	487,094
Pickets ... "	3,000	19,570	6,628	5,335	1,411
Shingles ...	12,944	100,540	35,790	21,332	31,300
Staves—Dressed, etc. "	90	5,000	1,300	...	...
" Undressed "	...	1,267	...	...	...
Laths for blinds "	*	*	*	*	*
" other "	14,240	677,280	110,900	406,980	7,190
Spokes, rims, felloes "	*	*	*	*	*
Doors ...	*	*	*	*	*
Architraves, mouldings, etc. ... Lin. feet	90,458	94,054	92,162	125,327	107,664
Other ...	...	...	...	...	...
EXCESS OF IMPORTS OVER EXPORTS.					
Veneers ...	296,801	599,178	994,575	1,815,917	1,959,436
Dressed ... Sup. feet	56,644,220	64,618,879	89,601,025	75,537,991	83,132,381
Undressed ... "	52,405,672	114,174,373	178,062,975	230,651,183	214,875,674
Logs ...	7,081,398	19,471,642	26,650,101	16,987,766	21,538,432
Palings ... No.	—718,550	—608,602	—942,220	—630,670	—487,094
Pickets ...	1,223,082	2,104,428	1,517,221	2,059,810	2,301,337
Shingles ...	1,257,532	590,170	901,480	1,221,388	1,495,694
Staves—Dressed, etc. "	4,510	—4,400	4,140	920	...
" Undressed "	2,390,798	3,927,796	3,363,457	2,181,121	3,639,969
Laths for blinds "	*	*	*	*	*
" other ...	25,678,446	37,897,232	30,102,194	29,224,766	46,330,311
Spokes, rims, felloes "	*	*	*	*	*
Doors ...	*	*	*	*	*
Architraves, mouldings, etc. ... Lin. feet	—60,733	—85,009	—68,561	—90,221	—27,266
Other ...	*	*	*	*	*

\* Quantity not available.

Note. — signifies excess of exports over imports.

## VALUE OF TIMBER IMPORTED INTO AND EXPORTED FROM THE COMMONWEALTH, 1909 to 1913.

Description.	1909.	1910.	1911.	1912.	1913.
IMPORTS.					
Veneers ...	£ 8,778	£ 14,814	£ 25,795	£ 42,379	£ 55,374
Dressed ...	376,732	478,162	683,430	578,427	625,032
Undressed ...	1,158,445	1,432,301	1,819,832	2,061,666	2,036,330
Logs ...	51,246	109,877	165,460	99,939	121,261
Palings ...	...	...	...	...	...
Pickets ...	4,117	8,804	5,622	10,270	8,497
Shingles ...	1,873	851	1,280	1,892	2,208
Staves—Dressed, etc. ...	342	145	131	14	...
" Undressed ...	18,178	24,542	20,417	15,744	22,870
Laths for blinds ...	83	24	38	26	4
" other ...	20,970	28,397	23,181	26,436	40,131
Spokes, rims, felloes ...	12,408	17,297	40,047	21,616	13,993
Doors ...	1	1	137	3,616	445
Architraves, mouldings, etc. ...	59	29	65	145	250
Other (Free) ...	588	136	129	1,043	81
Total value ...	1,653,820	2,115,380	2,785,564	2,863,213	2,926,476

## VALUE OF TIMBER IMPORTED AND EXPORTED, ETC.—Continued.

Description.	1909.	1910.	1911.	1912.	1913.
EXPORTS.					
Veneers ... ..	£ ...	£ ...	£ ...	£ ...	£ ...
Dressed ... ..	12,104	11,396	12,599	11,542	8,160
Undressed ... ..	981,770	976,355	1,016,510	858,357	964,938
Logs ... ..	23,690	16,768	23,024	14,950	25,325
Palings ... ..	3,449	3,106	4,931	3,734	2,688
Pickets ... ..	26	176	84	66	40
Shingles ... ..	29	210	91	106	42
Staves—Dressed, etc. ...	1	52	16	...	...
Undressed ... ..	...	68	...	...	...
Laths for blinds ... ..	1,179	1,136	946	363	297
" Other ... ..	20	708	105	495	11
Spokes, rims, felloes ...	5,191	8,687	9,989	12,214	8,039
Doors ... ..	991	759	743	1,053	960
Architraves, mouldings, etc. ...	511	623	589	723	541
Other ... ..	...	...	...	...	...
Total value ...	1,028,961	1,020,044	1,069,627	903,603	1,011,041

## EXCESS OF IMPORTS OVER EXPORTS.

Veneers ... ..	8,778	14,814	25,795	42,379	55,374
Dressed ... ..	364,628	466,766	670,831	566,885	616,872
Undressed ... ..	176,675	455,946	803,322	1,203,309	1,071,392
Logs ... ..	27,556	93,109	142,436	84,989	95,936
Palings ... ..	—3,449	—3,106	—4,931	—3,734	—2,688
Pickets ... ..	4,091	8,628	5,538	10,204	8,457
Shingles ... ..	1,844	641	1,189	1,786	2,166
Staves—Dressed, etc. ...	341	93	115	14	...
Undressed ... ..	18,178	24,474	20,417	15,744	22,870
Laths for blinds ... ..	—1,096	—1,112	—908	—337	—293
" other ... ..	20,950	27,689	23,076	25,941	40,120
Spokes, rims, felloes ...	7,217	8,610	30,058	9,402	5,954
Doors ... ..	—990	—758	—606	2,563	—515
Architraves, mouldings, etc. ...	—452	—594	—524	—578	—291
Other ... ..	588	136	129	1,043	81
Total value ...	624,859	1,095,336	1,715,937	1,959,610	1,915,435

Note. — signifies excess of exports over imports.

The exports of sandalwood were :—

## EXPORTS OF SANDALWOOD, 1909 to 1913.

Country to which Exported.	Quantity.					Value.				
	1909.	1910.	1911.	1912.	1913.	1909.	1910.	1911.	1912.	1913.
	cwt.	cwt.	cwt.	cwt.	cwt.	£	£	£	£	£
Hong Kong ... ..	54,387	141,646	120,432	22,854	91,054	25,546	71,672	62,566	11,567	41,476
Straits Settlements ... ..	12,890	7,378	13,783	2,390	17,835	5,036	3,319	5,967	1,034	5,931
Other British Possessions ...	5,163	15,223	5,687	7,863	10,760	3,358	6,301	2,506	3,455	4,560
China ... ..	31,649	19,399	7,140	36,755	13,540	12,180	7,332	2,348	16,619	5,593
Other Foreign Countries ...	...	...	6	233	486	...	...	9	225	387
Total ... ..	104,089	183,646	147,048	70,095	133,675	45,120	88,624	73,396	32,900	57,947



Tanning bark is largely exported from the Commonwealth, as the following table shews:—

### EXPORTS OF TANNING BARK, 1909 to 1913.

Country to which Exported.	Quantity.					Value.				
	1909.	1910.	1911.	1912.	1913.	1909.	1910.	1911.	1912.	1913.
	cwt.	cwt.	cwt.	cwt.	cwt.	£	£	£	£	£
United Kingdom ...	19,424	12,159	3,154	605	3,078	8,188	4,674	1,195	197	1,010
New Zealand ...	69,137	55,838	66,574	73,667	45,013	31,414	25,036	29,105	34,224	20,559
Other British Poss. ...	1,745	1,895	1,868	1,684	621	902	860	921	802	307
Belgium ...	15,910	40,556	29,100	40,180	36,250	5,966	15,815	11,576	15,520	14,281
France ...	206	837	204	...	...	105	319	101	...	...
Germany ...	114,128	179,119	148,490	49,849	58,011	43,063	70,442	60,121	20,630	23,653
Other For. Countries ...	5,322	5,239	4,166	2,060	1,379	2,307	2,108	1,627	755	601
Total ...	225,872	295,616	253,556	168,045	144,352	91,945	119,254	104,646	72,128	60,411

### QUANTITIES AND VALUES OF BARK IMPORTED INTO, AND EXPORTED FROM THE COMMONWEALTH, 1909 to 1913.

Particulars.	1909.	1910.	1911.	1912.	1913.
	cwt.	cwt.	cwt.	cwt.	cwt.
QUANTITIES—					
Imports ...	28,020	12,648	72,447	119,253	77,689
Exports ...	225,872	295,616	253,556	168,045	144,352
Excess of exports over imports	197,852	282,968	181,109	48,792	66,663
VALUES—	£	£	£	£	£
Imports ...	12,774	5,461	31,253	50,920	27,987
Exports ...	91,945	119,254	104,646	72,128	60,411
Excess of exports over imports	79,171	113,793	73,393	21,208	32,424