

APPENDIX.

Recent information and returns which have come to hand since the various sections of this book were sent to press, are given hereunder.

SECTION III.

PHYSIOGRAPHY.

§ 5. The Geology of Australia.

3. **The Building Stones of Australia**, p. 56.—In August, 1918, an illustrated pamphlet by H. C. Richards, D.Sc., dealing with "The Building Stones of Queensland," was reprinted from the Proceedings of the Royal Society of Queensland. (Vol. xxx., No. 8.)

SECTION VII.

PASTORAL PRODUCTION.

§ 1. Initiation and Growth of Pastoral Industry.

3. **Increase in Numbers**, p. 305.—The following table shews the estimated number of horses, cattle, sheep, and pigs in the Commonwealth at the latest dates available. The totals shew a satisfactory upward tendency as compared with the previous year's figures:—

PRELIMINARY FIGURES.—LIVE STOCK.

States and Territories.	Date.	Horses.	Cattle.	Sheep.	Pigs.
New South Wales ...	30/6/17	732,334	2,757,713	36,086,241	359,504
Victoria ...	1/3/18	514,061	1,371,049	14,760,013	323,159
Queensland ...	31/12/17	733,014	5,316,558	17,204,268	172,699
South Australia...	30/6/17	257,422	288,887	5,091,282	118,542
Western Australia	31/12/17	178,151	957,086	6,384,191	111,844
Tasmania ...	1/3/18	42,396	197,938	1,711,116	54,653
Northern Territory	31/12/16	21,674	420,362	47,520	500
Federal Territory	30/6/17	1,457	8,230	110,142	259
Commonwealth ...	...	2,480,509	11,317,823	81,394,773	1,141,160

SECTION VIII. AGRICULTURAL PRODUCTION.

§ 4. Wheat.

6. (ii.) **Advances and Finance, p. 349.**—Up to the 14th October, 1918, the position as regards the 1916-17 and 1917-18 wheat crops was that 3s. 3d. per bushel had been advanced to farmers up to that date.

6. (iii.) **Results of the Scheme, p. 350.**—Deliveries made on account of each harvest are as follows:—

WHEAT DELIVERED IN EACH STATE, 1915-18.

State in which pooled.	1915-16.	1916-17.	1917-18 to 14/10/18.
	Bushels.	Bushels.	Bushels.
New South Wales ...	58,244,000	32,471,000	33,486,000
Victoria ...	59,176,000	50,406,000	36,197,000
South Australia ...	29,894,000	41,990,000	25,792,000
Western Australia ...	14,943,000	13,825,000	7,245,000
Total ...	162,257,000	138,692,000	102,720,000

On 14th October, 1918, the total overdraft on all pools amounted to £12,937,000.

The quantities of wheat disposed of and in hand on that date were as follows:—

WHEAT DISPOSED OF AND IN HAND IN EACH STATE, 14th OCTOBER, 1918.

Particulars.	N.S.W.	Vic.	S.A.	W.A.	Total.
1915-16. (In thousands of bushels).					
Shipments ...	28,977	37,742	17,869	10,169	94,757
Local Sales ...	29,597	22,034	7,480	4,835	63,946
Stocks on hand ...	...	30	4,545	...	4,575
Total ...	58,574	59,806	29,894	15,004	163,278
1916-17. (In thousands of bushels).					
Shipments ...	4,245	2,952	5,900	2,271	15,368
Local Sales ...	13,280	14,583	7,864	8,015	43,742
Stocks on hand ...	14,549	32,871	28,232	3,536	79,188
Total ...	32,074	50,406	41,996	13,822	138,298
1917-18. (In thousands of bushels).					
Shipments ...	1,021	...	702	82	1,805
Local Sales ...	9,604	6,814	538	454	17,410
Stocks on hand ...	23,012	29,383	24,553	6,945	83,893
Total ...	33,637	36,197	25,793	7,481	103,108

The value realised to 14th October, 1918 (all pools) is as follows :—

VALUE OF WHEAT SOLD IN EACH STATE, 14th OCTOBER, 1918.

Particulars.	N.S.W.	Vic.	S.A.	W.A.	Total.
	£	£	£	£	£
Oversea shipments and Australian Wheat Board Flour Contracts	10,568,000	11,923,000	7,350,000	4,161,000	34,002,000
Local Sales ...	10,575,000	7,210,000	2,131,000	1,514,000	21,430,000
Total shipments and local deliveries	21,143,000	19,133,000	9,481,000	5,675,000	55,432,000

SECTION XII.

MINES AND MINING.

§ 1. The Mineral Wealth of Australia.

3. Value of Production during 1917.—The following table shews the value of the production of the principal minerals and of all minerals for each State and for the Commonwealth during the year 1917:—

COMMONWEALTH MINERAL PRODUCTION, 1917.

Minerals.	N.S.W.	Vic.	Q'land.	S. Aust.	W. Aust.	Tas.	N.T.	C'wealth.
	£	£	£	£	£	£	£	£
Gold ...	349,038	857,500	761,639	30,334	4,121,645	61,577	1,440	6,183,173
Silver and lead ...	5,110,096	1,406	55,181	12,351	178,321	152,122	*	5,509,477
Copper ...	814,154	...	2,208,232	902,495	85,738	847,754	*	4,858,373
Tin ...	373,696	19,709	160,600	...	45,288	427,917	*	1,027,210
Coal ...	4,422,740	345,830	597,360	...	191,822	38,673	*	5,596,425
All minerals	12,563,651	1,294,240	4,012,977	1,456,718	4,629,027	1,584,290	*	25,540,903

* Not yet available.

§ 12. Oil Shale and Mineral Oils.

3. Shale Oil Bounties, p. 56.—The "Shale Oil Bounty Act 1917" provides for the payment of bounty on crude shale oil in accordance with the schedule hereunder:—

Description of Goods.	Period dating from 1st Sept. 1917, during or in respect of which bounty may be paid.	Rate of Bounty payable in each year to each producer of goods produced by him at each separate deposit as prescribed.	Maximum Amount which may be paid in any one year.	Date of Expiry of Bounty.
Crude Shale Oil, as prescribed, produced in Australia from Mined Kerosene Shale.	Four years.	On each gallon up to 3,500,000 gallons, 2½d. On each gallon exceeding 3,500,000 and not exceeding 5,000,000 gallons, 2d. On each gallon exceeding 5,000,000 gallons and not exceeding 8,000,000 gallons, 1½d. On each additional gallon, 1½d.	£67,500.	31st August, 1921.

SECTION XVII.

§ 2. Railways.

(A) General.

6. **Page 658.**—The report of the Board of Commonwealth and States' Railway Engineers was issued late in September, 1918. It gives a list of a large number of devices submitted to it for dealing with the break of gauge question, and states the reasons for such devices failing to satisfy the conditions under which train working must be conducted in order to secure safety and celerity.

(B) Federal Railways.

4. **Page 662.**—Insert after "at any time" on sixth line from bottom of page, "A further Act was passed providing for lands outside the quarter-mile strip where necessary for the purposes of construction, maintenance and working of the railway, being handed over by the State of South Australia to the Commonwealth Government."

Page 662.—On last line but one, for "12th September" read "14th September, 1912."

Page 663.—On eleventh line, for "450" read "over 400"; on fourteenth line, for "207" read "205"; on sixteenth line, for "290" read "205"; on seventeenth line, for "no less than 309" read "over 300"; on twenty-sixth line, for "50" read "52."

Page 664.—Rate of construction of line.—The following records were made in platelaying :—

			Miles.	Chains.
In any one day	...	...	2	40
„ „ week	...	...	14	50
„ four weeks	...	...	46	62
„ six months	...	...	250	30
„ twelve months	...	...	442	44

Owing to delay on the part of contractors in supplying rails, platelaying on the Western Division was suspended from December 18th, 1915, to July 3rd, 1916, and from December 16th, 1916, to May 28th, 1917.

On nineteenth line from bottom of page for "45" read "40."

Page 665.—Reservoirs on Trans-Australian Railway.—A reservoir has also been made at Wynbring, 322 miles ex Port Augusta, with a capacity of 2,000,000 gallons.

The traffic on this line is regulated by the use of electric train staff, there being 20 sections in operation between the terminal stations, the length of the sections averaging 50 miles each.

SECTION XIX.

COMMONWEALTH FINANCE.

§ 1. General.

7. **Accounts of Commonwealth Government, p.760.**—(i.) On the 25th September, 1918, Mr. Watt, Commonwealth Treasurer, delivered his Budget speech, bringing forward the statement of accounts for the year 1917-18, and the estimates for the year 1918-19. A summary of these important statements is appended, but in studying them it must be distinctly remembered that the figures for 1917-18 are not yet final, and are subject to slight revision, whilst the figures for 1918-19 are estimates only, and may in some instances prove to be wide of the mark. This is particularly possible in the case of the estimated yield from the different forms of taxation.

Setting aside loan expenditure, and deducting Commonwealth payments to States from both sides of the account, the revenue and expenditure appear as follows:—

	1917-18 (Actual). £	1918-19 (Estimated). £
Revenue	30,462,594	34,229,250
Expenditure	28,634,930	38,903,345
Surplus for year	1,827,664	...
Deficit for year... ..	...	4,674,095

The year 1918-19 opened with a credit balance of £3,905,091, and to this was added £800,000 from London funds. A total of £4,705,091 is thus obtained, which wipes out the deficiency for the year and replaces it by an estimated surplus of £30,996. This, however, is only a temporary expedient, and does not constitute a permanent balance between revenue and expenditure.

(ii.) *Revenue.* Details of the net revenue are given in the table which follows. They are arranged in such a way as to give due prominence to the several items composing Commonwealth taxation, which is becoming so important a factor in Public Finance.

FEDERAL CONSOLIDATED REVENUE, 1917-19.

Heading.	1917-18 (Actual).	1918-19 Estimate).
Taxation—	£	£
Customs and Excise	13,225,295	14,035,000
Land Tax	2,123,778	2,380,000
Income Tax	7,385,543	9,600,000
Postage Tax ... ..	...	515,000
Probate and Succession	945,232	750,000
Entertainments Tax	245,890	480,000
War Time Profits Tax	680,008	1,800,000
Total Taxation	24,603,746	29,561,000
Post Office	5,755,722	6,000,000
Miscellaneous	6,443,500	5,109,500
Total Revenue	36,802,968	40,670,500
Less paid to States	6,340,374	6,441,250
Net Revenue	30,462,594	34,229,250

In this table it has been assumed that taxation for 1918-19 will be levied on the new scale foreshadowed by the Commonwealth Treasurer. This new scale provides for an increase of Customs and Excise Revenue from liquors and tobacco, an increase of 30 per cent. in the income tax, and 20 per cent. in the land tax, a broadening of the scale of the entertainments tax, and a new postage war tax. The estimated taxation on the old basis would only be £24,205,000.

(iii.) *Expenditure from Consolidated Revenue.* The expenditure for 1917-18, as compared with the estimate for 1918-19, is given in the following table:—

EXPENDITURE FROM FEDERAL CONSOLIDATED REVENUE, 1917-19.

Heads of Expenditure.		1917-18 (Actual).	1918-19 (Estimated).
1. Ordinary—		£	£
Interest		380,808	470,300
Sinking Fund		36,555	36,555
Invalid and Old Age Pensions		3,858,990	3,925,000
Maternity Allowance		634,428	634,000
Defence, Military		1,281,776	1,783,948
Navy		1,548,356	1,632,886
Post Office		5,350,375	5,494,503
New Works		625,014	454,951
Expenditure		2,513,643	2,541,600
		16,229,945	16,973,743
2. Interest (States)		548,750	800,000
3. War (portion only)		11,856,235	21,129,602
		28,634,930	38,903,345
Total			

(iv.) *War Expenditure.* The total war expenditure from consolidated revenue and loan respectively, since 1914-15, is set out in the following table:—

WAR EXPENDITURE FROM REVENUE AND LOAN, 1914-19.

Year.	From Revenue.	From Loan.	Total.
	£	£	£
1914-15	640,217	14,471,118	15,111,335
1915-16	3,778,378	37,423,568	41,201,946
1916-17	8,427,329	53,114,237	61,541,566
1917-18	11,856,235	54,886,115	66,742,350
1918-19 (estimated)	21,129,602	78,914,809	100,044,411

The war expenditure from loans for 1918-19 includes advances to States for construction and erection of silos for wheat storage, (to be recovered) £1,500,000; repatriation, £1,500,000; forestry, £500,000; and contributions under the War Loan Securities Repurchase Act 1918, £1,250,000.

(v.) *Public Debt.* The Public Debt of the Commonwealth as at the 30th June, 1918, was £284,022,072, detailed as follows:—

FEDERAL PUBLIC DEBT AS AT 30th JUNE, 1918.

Heading.	£
War loans in Australia	143,194,680
War loans from Imperial Government... ..	49,082,059
War Savings Certificates	4,535,359
Loans raised for States	12,000,000
Other loans	15,352,550
Transferred properties	11,202,516
Accrued deferred pay, Australian Imperial Forces	10,309,908
Indebtedness to Imperial Government for maintenance of Australian Imperial Forces	38,345,000
	284,022,072

SECTION XXXI.

COMMONWEALTH SEAT OF GOVERNMENT.

8. Revenue and Expenditure, p. 1079.—The following table shews the particulars of expenditure for the year ended 30th June, 1918, and also the total expenditure on each item since 30th June, 1910:—

COMMONWEALTH SEAT OF GOVERNMENT, EXPENDITURE TO 30th JUNE, 1918.

Item.	Total Ex- penditure to 30th June, 1917.	Expenditure (or Credit), 1917-18.		Total Ex- penditure to 30th June, 1918.
		Dr.	Cr.	
	£	£	£	£
Afforestation	12,977	2,871	...	15,848
Bridges, Roads and Culverts	80,183	2,576	...	82,759
Buildings, Repairs, etc.	113,526	10,613	...	124,139
Brickworks	46,130	...	328	45,802
Cement and Quarrying	5,086	25	...	5,111
Electric Lighting (Mains and Plant only)	77,374	...	2,039	75,335
Fire Brigade... ..	1,268	...	...	1,268
Fencing	3,632	5	...	3,637
General Expenditure (including Adminis- trative Charges)	140,830	11,202	...	152,032
Manufacturing Accounts	5,494	...	10,334	Cr. 4,840
Maintenance Accounts	1,880	...	...	1,880
Motor Cars and Upkeep	8,461	753	...	9,214
Medical Services	10,378	1,464	...	11,842
New South Wales Government (Services Rendered)	12,209	2,830	...	15,039
Plant, Instruments, etc.	19,828	...	55	19,773
Railways	62,409	3,497	...	65,906
Rabbit Destruction... ..	13,118	1,986	...	20,104
Stock (Material)	38,159	5,826	...	43,985
Sewerage, Mains, etc.	39,002	...	573	38,429
Water Supply	253,145	1,400	...	254,545
Wire Netting Lessees	6,470	392	...	6,862
Total	956,559	45,440	13,329	988,670