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THE NORTHERN TERRITORY.

§ 1. Area and Population.

1. Introductory.—Upon the extension of New South Wales westward to the 129th meridian in 1827, the Northern Territory was comprised within that colony (see Year Book No. 4, page 16), and in 1863 was annexed by Royal Letters Patent to the province of South Australia. With the adjacent islands, it was transferred to the Commonwealth on 1st January, 1911.

2. Area and Boundaries.—The total area of this Territory is 523,620 square miles, or 335,116,800 acres. Its length from north to south is about 900 miles, while its breadth from east to west is 560 miles. Its eastern boundary, dividing it from Queensland, is the 138th meridian of east longitude; and its western boundary, separating it from Western Australia, the 129th meridian. Its southern boundary is the 26th parallel of south latitude, dividing it from South Australia. The northern boundary is the coast line of those parts of the Indian Ocean known as the Timor and Arafura Seas. Near the mouth of the Wentworth River, in the Gulf of Carpentaria, the coast line is met by the eastern boundary; at Cape Domett, near Cambridge Gulf, the western boundary cuts the northern coast line. The length of coast line is about 1040 miles, or 503 square miles of area to one mile of coast line; an exact survey has, however, not yet been made.

3. Population.—(i.) Character. In 1881 there were 670 Europeans in the Territory, and at the end of 1913 the number was estimated at 2143. The Chinese population, at its maximum during the years of railway construction, 1887 and 1888, has gradually dwindled, the estimate for 1913 being 1177. Japanese, first recorded in 1884, increased up to the year 1898, falling again after five years. The highest recorded population, excluding aborigines, was 7533 in 1888; the estimate for 1913 was 3672. The year 1911 was the first in which the population was dominated by the European race. A thirty years table of population, distinguishing races, will be found on page 1156 of the Commonwealth Official Year Book, No. 5. Subsequent to the Census of 1911, a revision of the estimates, back to 1901, was made. The results are incorporated in the following table:—

POPULATION OF NORTHERN TERRITORY (EXCLUSIVE OF ABORIGINES), 1901 to 1913.

Year ended 31st December	Male.	Female.	Total,	Year en 31st Dece		Male.	Female.	Total.
1901 1902 1903 1904 1905 1906 1907	. 3,847 . 3,582 . 3,514 . 3,368 . 3,248 2,005	674 627 652 692 678 656 642	4,673 4,474 4,234 4,206 4,046 3,904 3,737	1908 1909 1910 1911 1912 1913	··· ··· ···	2,963 2,927 2,738 2,662 2,854 2,995	609 576 563 586 621 677	3,572 3,503 3,301 3,248 3,475 3,672

NORTHERN TERRITORY.-LEGISLATION AND ADMINISTRATION.

The census population (3rd April, 1911) was 2734 males, 576 females; total, 3310. The estimate for 31st December, 1913, was 2995 males, 677 females; total, 3672.

(ii.) Movement of Population. The following is a summary of movement of population in 1913 (excluding overland migration):—

Europeans— Inwards, oversea Births Others— Inwards, oversea Births	855 22 127 37	Europeans— Outwards, oversea Deaths Others— Outwards, oversea Deaths	642 23 213 34	Excess— Immigration over emigration Births over deaths	197 2
					·
Increase	1,041	Decrease	912	Net gain	129

MOVEMENT OF POPULATION, NORTHERN TERRITORY, 1913.*

The immigration and emigration of the Territory in five-year periods from 1881 to 1910, and for 1911, 1912, and 1913, is shewn in the following table :---

Year.	Immigra- tion.	Emigra- tion.	Year.	Immigra- tion.	Emigra- tion.	Year.	Immigra- tion.	Emigra- tion.
1881-5 1886-90 1891-5	3,683 9,208 1,958	3,787 7,250 2,353	1896- 1900 1901-5 1906-10	2,538 2,211 2,559	2,259 2,932 3,125	1911 1912 1913	412 840 982	440 625 855

MIGRATION, NORTHERN TERRITORY, 1881 to 1913.*

* A variation in the method adopted by the Northern Territory administration and that used in the Statistical Bureau, of allocating the crews of departing vessels, is responsible for the difference between the figures here shewn and those given on the previous page.

(iii.) The Aborigines. An account of the Australian aborigines, by Dr. W. Ramsay-Smith, was given in Year Book No. 3 (pp. 158-176). The interior of the continent is the most thickly populated by the natives, but it is believed that they are rapidly dying out. In these regions, remote from contact with other races, the native has maintained his primitive simplicity, and furnishes an interesting subject of study to the anthropologist and ethnologist. At the census of 1911, full-blooded aboriginals in the employ of whites, and those who were living in a civilised or semi-civilised condition in the vicinity of European settlements, were enumerated—the males being 743, females 480; total, 1223. Estimates of the total black population of the Territory vary from 20,000 to 50,000.

§ 2. Legislation and Administration.

1. Transfer to Commonwealth.—(i.) The Northern Territory Acceptance Act. A short historical sketch is given in Year Book No. 6, pp. 1113-4. On 1st January, 1911, the Territory was transferred by South Australia to the Commonwealth, upon terms previously agreed upon by the respective cabinets, and ratified by the Commonwealth Northern Territory Acceptance Act (No. 20 of 1910). It is enacted that laws and courts of justice remain in operation, powers and functions of magistrates and officials remain vested; estates and interests continue upon the same terms; trade with Australian States is declared free. The Commonwealth assumes responsibility for the State loans in respect of the Territory, paying the interest yearly to the State, providing a sinking fund to pay off the loans at maturity, and paying cff the deficit in respect of the Territory. It also purchases the Port Augusta to Oodnadatta railway, and agrees to complete the construction of the transcontinental railway from Port Darwin to Port Augusta.

(ii.) The South Australian Surrender Act. The State Act approves and ratifies the agreement surrendering the Territory.

(iii.) The Northern Territory (Administration) Act 1910. The Act provides for Government authorising the appointment of an administrator and officials. South Australian laws are declared to continue in force as laws of the Territory and certain Oommonwealth Acts to apply. Power is given to the Governor-General to make Ordinances having the force of law.

(iv.) Administration. A Resident Administrator, vested with supreme authority in internal affairs, was appointed in the Department of the Minister for External Affairs in February, 1912. Many other important administrative offices have also been filled.

(v.) Legislation. The main provisions of the Ordinances passed are as follows:-The powers and duties of the Administrator vested in the appointee, include custody of the public seal, appointment and suspension of officials, and execution of leases of crown lands. A Supreme Court with original and appellate jurisdiction is instituted, the method of appointment of the Judge is prescribed, and provision is made for trial by jury, and for the registration and summoning of jurors. A Sheriff, a Registrar-General, and a Health Officer are provided for, also the registration of births, marriages and deaths, and of deeds and documents. District Councils are authorised to assess land values and levy rates on unimproved value. Custody and control of aborigines with extensive powers of supervision are vested in the Chief Protector. Birds protected during the whole or part of the year, are scheduled. Crown lands are classified, and their mode of acquisition, entry and holding defined. Shop assistants are to have a weekly half-holiday, and the establishments must be closed at a certain time. Mining is encouraged by the provision of rewards for the invention of new processes, and the discovery of valuable deposits and of new mineral fields; subsidisation of the industry and the issue of prospecting licenses are also provided for. Licenses to search for mineral oil, and leases for working, are available. A Board is constituted for the purpose of making advances to settlers who intend to improve and stock their holdings, to purchase farm implements, plant, etc., or to pay off mortgages, the rate of interest and terms of repayment being set out.

§ 3. Physiography.

1. Tropical Nature of the Country.—The Territory is within the torrid zone, with the exception of a strip $2\frac{1}{2}$ degrees wide, which lies south of the Tropic of Capricorn.

2. Contour and Physical Characteristics.—The low flat coast line seldom reaches a height of 100 feet. Sandy beaches and mud flats, thickly fringed with mangroves, prevail. Sandstone, marl, and ironstone form the occasional cliffy headlands. The sea frontage of more than 1000 miles is indented by bays and inlets and intersected by numerous rivers, many of which are navigable for considerable distances from their estuaries.

The principal features of the coast line are enumerated in Year Book No. 1, p. 66; the rivers in Year Book No. 2, p. 76; the mountains in Year Book No. 3, p. 67; the lakes in Year Book No. 4, p. 77; the islands in Year Book No. 5, pp. 71, 72, and the mineral springs in Year Book No. 6, p. 65.

Inland, the country is generally destitute of conspicuous landmarks. From the coast there is a general rise southwards to the vicinity of the 17th or 18th parallel of south latitude, where the higher lands form the watershed between the rivers that flow northwards to the sea, and those that form the scanty supply of the interior systems. Towards the centre of the continent the land over a wide area is of considerable elevation, and there are several mountain ranges, generally with an east and west trend.

994 NORTHERN TERRITORY.-CLIMATE, FAUNA AND FLORA.-PRODUCTION.

§ 4. Climate, Fauna and Flora.

1. The Seasons.—There are two main climatic divisions—the wet season, November to April; and the dry season, May to October; with uniform and regular changes of: season. Nearly the whole of the rainfall occurs in the summer months. Fuller particulars will be found in Year Book No. 6, p. 1116.

2. Fauna.—The ordinary types of native Australian fauna inhabit the territory.. As elsewhere on the continent, the higher *Theria* are rare, but marsupials, birds, crocodiles, fresh-water tortoises, snakes (mostly non-venomous), and frogs abound. There are many varieties of freshwater fish and littoral mollusca. Butterflies and beetles are strongly represented. The white ant is a pest, anthills in the Territory sometimes attaining great dimensions. Mosquitoes and sandflies are very troublesome, particularly in the wet season. Native fauna are in some cases protected. The domesticated. animals have been introduced, and buffalo also exist in large herds.

3. Flora.—The vegetation is tropical, many of the forms belonging to the Malayan and Oceanic regions. The timber trees are not of great commercial value, but in the coastal regions tropical vegetation grows luxuriantly to the water's edge. On the wide expanses of plain country of the interior, there is little vegetation. The principal orders. represented in the Territory are:—Euphorbiaceæ, Compositæ, Convolvulaceæ, Rubiaceæ, Goodenoviaceæ, Leguminosæ, Urticeæ.

Fuller particulars regarding fauna and flora are given in Year Book No. 6, pp. 1116-7.

§ 5. Production.

There is no great home consumption of the articles produced in the Territory, the greater part being exported oversea and to the States of the Commonwealth.

1. Stock.—The spacious, well-grassed "runs" of the Territory are suitable for horseand cattle breeding. It is anticipated that the cattle trade with the East will develop. Large numbers are overlanded to neighbouring States, which also take considerable quantities of horse hides. The estimated number of stock on 31st December, 1913, was:—

LIVE STOCK, NORTHERN TERRITORY, 31st DECEMBER, 1913.

Horses.Cattle.Sheep.Pigs.22,792...417,643...67,109...1,018Dairying as an industry is not developed.The abundant indigenous herbage is,however, well suited for stock, and the making of hay and ensilage would ensure aprogressive industry.It is proposed to establish a dairy factory.

2. Mining.—Considerable quantities of the precious and commercial metals are mined. The discovery of gold and tin in various localities, and the measure of success that has attended their working, indicate scope for development. An important discovery of tin at Maranboy Springs was made in 1913.

(i.) *Mineral Production*. Both alluvial and reef gold are found, and there are several batteries and cyanide plants. Other minerals are also raised. The following. table shews the total mineral production for the last five years:—

VALUE OF MINERAL PRODUCTION, NORTHERN TERRITORY, 1909 to 1913.

Yea	ur. Gold		ar. Gold.		Tin Ore.	Wolfram.	Silver Lead Ore.	Copper Ore.	Smelter Product (C'pp'rBase)	Total Value.
		£	£	£	£	£	£	£		
1909		24,148	32,741	4,105		1,400	2,342	64,736		
1910		21,711	31,113	6,686		1,196		60,706		
1911		30,910	22,900	4,048		1,470		59,353*		
1912		20,150	27,001	3,330	820	3,998		55,299 。		
1913		13,250	25,526	3,140	2,228	482		44,626		
			1	Į	i					

* Includes bismuth valued at £25.

MINERS, NORTHERN TERRITORY, 1909 to 1913. Europeans. Total. Year. Chinese. 1909 190 630 820 • • • 1910 140 602 742••• • • • ... 101 575 676 1911 ••• • • • ... 84 542626 1912 530 90 620 1913 ••• ...

(ii.) Employment of Miners, 1909 to 1913. The following table shews average number employed in mines annually for five years, distinguishing Chinese:—

(iii.) Mining Accidents, 1900 to 1912. In 1911 five mining accidents were recorded, four resulting in death. There were no serious accidents in 1910, 1912, and 1913. During the nine years preceding (1901-1909), nine fatal accidents and seven cases of serious injury were recorded. The majority of the victims were Chinese.

3. Pearl Fishing.—In 1884 mother-of-pearl shell was discovered in the harbour of Port Darwin. Difficulty in working, principally through heavy tides and muddy water, retarded the development of the industry for many years. Latterly, however, the opening up of new patches has led to a revival. In 1913, thirty-nine boats were engaged, valued, with their equipment, at about £4600; 234 men were employed. Fifty-nine tons of pearl shell were obtained, valued at £13,661. The value of pearls produced was £1415. 215 lbs. of tortoiseshell, valued at £225, and bêche-de-mer, valued at £1675, were also raised.

§ 6. Commerce and Shipping.

1. Trade.—The following table shews the total trade of the Territory for 10 years from 1901 to 1910:—

_	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.
Imports Exports	£ 108,886 302,931	£ 107,217 191,558	£ 125,244 178,266	£ 113,461 235,650	£ 86,878 216,279	£ 74,659 254,222	£ 78,996 345,721	£ 68,905 241,028	£ 57,994 278,555	£ 52,398 269,063
Total Trade	411,817	298,775	303,510	349,111	303,157	328,881	424,717	309,933	336,549	321,461

VALUE OF IMPORTS AND EXPORTS, NORTHERN TERRITORY, 1901 to 1910.

No record is now kept of the direction of trade between the Commonwealth States and Territories. It is, therefore, impossible to give the total imports and exports of the Northern Territory for years later than 1910. In 1911 the imports from places outside Australia were valued at £16,920, an increase of £3966 on the previous year. The exports to oversea countries were valued at £48,468, a decrease of £12,983 as compared with 1910. In 1912 imports were valued at £18,130; exports at £59,106.

From 1881 to 1910, the annual average trade in five-year periods was :---

VALUE OF IMPORTS AND EXPORTS, NORTHERN TERRITORY, 1881 to 1910.

Period.	Average Annual Imports.	Average Annual Exports.	Period.	Average Annual Imports.	Average Annual Exports.
1881-1885 1886-1890 1891-1895	£ 125,600 236,099 109,704	£ 92,727 113,156 177,463	1896-1900 1901-1905 1906-1910	£ 127,489 108,337 66,590	£ 158,978 224,937 277,718

2. Shipping.—The Territory's oversea commerce is carried chiefly in British bottoms. One of the kines maintains a monthly service, others are irregular. Coastal shipping is chiefly in Australian vessels. The following table shews the shipping of the Territory:—

Period.		Arriv	als.	Departures.		
		No. of Vessels.	Tonnage.	No. of Vessels.	Tonnage.	
1881-1885	(Annual	72	71,814	72	71.692	
1886-1890	Average)	95	94,452	103	94.724	
1891—1895	"	75	81,128	73	81,090	
1896-1900	,,	71	88,284	70	88,244	
1901—1905	,,	63	93,751	63	91,556	
19061910	,,	87	128,502	88	128,408	
1911		71	130,178	71	130,178	
1912		74	138,052	74	138,052	
1913		83	171,504	84	171,594	

SHIPPING, NORTHERN TERRITORY, 1881 to 1913.

§ 7. Internal Communication.

1. Railways.—Under the agreement ratified by the Act the Commonwealth is to •onstruct the Northern Territory portion of the transcontinental railway line (connecting Adelaide and Darwin, via Port Augusta).

The Northern line from Adelaide terminates at Oodnadatta, about 100 miles south of the southern boundary of the Territory. The only line at present in the Territory is one from Darwin to Pine Creek, a length of $145\frac{1}{2}$ miles, of 3 ft. 6 in. gauge; and Pine Creek is distant about 1100 miles from Oodnadatta. The extension of this line southwards from Pine Creek to Katherine River ($54\frac{1}{2}$ miles) is being proceeded with. In November, 1913, the field survey work, begun in December, 1912, was completed, and the line is now under construction; while the line to connect Katherine River with Oodnadatta (about 1030 miles) is in course of survey. It is stated that this transcontinental railway would bring London within seventeen days of Adelaide. The Commonwealth also acquired on 1st January, 1911, the property in the line from Port Augusta to Oodnadatta (478 miles).

2. Posts.—The principal mail services are as follows:—

(i.) Marine. Postal communication is maintained between Sydney, Melbourne, and Adelaide, via North Queensland ports. The service extends to China and Japan. There is also a quarterly contract service between Darwin and Boroloola, calling half-yearly at Roper River; and a service every two months between Darwin and Wyndham, on the estuary of Ord River, in the north-east of Western Australia. These are subsidised according to agreement for three years, the amount for the first service being £350, and for the second, £125 per voyage.

(ii.) Inland. Posts are also despatched into the interior of the Continent. One route is from the Katherine Telegraph Station southwards as far as Renner Springs, and then eastwards to Anthony Lagoon, where the Queensland mailman is met. The service is maintained with difficulty, on account of the many hardships caused by the alternations of extreme drought and flood.

Other inland routes are served, and there is a frequent service in Darwin.

3. Telegraphs.—The transcontinental telegraph line, covering a length of 2230 miles, was completed on 2nd August, 1872, at a cost of nearly half-a-million sterling. The line runs in a northerly direction from Adelaide to Darwin, whence telegraphic communication is provided with Asia and Europe, *via* Banjoewangie (Java), Singapore, and Madras.

Between Darwin and Banjoewangie the submarine cable is duplicated.

§ 8. Finance.

1. Revenue and Expenditure, 1913-14.-In the Commonwealth finance statement for 1913-14, separate accounts are given for Northern Territory administration. The following shews the receipts and expenditure for the financial year named :--

REVENUE.	£	EXPENDITURE.—cont.	£
Oustoms and Excise	12,628	Lands-	0.005
Postal, Telegraph & Telephone	5,290	Salaries and contingencies	. 6,095
Railways	18,034	Survey-	00 500
Territorial	9,723	Salaries and contingencies	23,702
Land and Income Tax Miscellaneous	7,491	Goldfields and Mining— Salaries and contingencies	09 067
Port Augusta - Oodnadatta	19,545	Education-	23,267
	946	Salaries and contingencies	2,058
Railway Deficiency on year's transactions		Railways—	2,008
Denciency on year 5 transactions	400,010	Salaries and contingencies	22,991
	532,535	Public Works Staff—	22,331
EXPENDITURE.		Salaries and contingencies	1,942
Trade and Customs—	•	Works and Buildings	4,823
Salaries and contingencies	1,707	Miscellaneous	31,579
Dant renaire etc	118	Administrative Office-	01,010
Quarantine contingencies	113	Salaries and contingencies	4,875
Postmaster-General—	102	Audit	420
Salaries and contingencies	13,484	Interest and sinking fund on	
Mails	3,380	C'wealth Inscribed Stock for	
Bent, repairs, etc.	441	Redemption of N.T. loans	10,135
Administrator's Office		Interest and sinking fund on	,
Salaries and contingencies	4,508	C'wealth Inscribed Stock for	
Govt. Secretary's Office-	1,000	Redemption of Port Augusta	
Salaries and contingencies	22,380	Railway loans	7,465
Immigration	258	Interest and Redemption (ex-	
Aboriginal Affairs-		cluding Port Augusta rail-	
Salaries and contingencies	9,610	way)	
Agriculture—		Interest on loans	128,856
Salaries and contingencies	19,411	Contribution to sinking fund	8,400
Police—		Interest and Redemption, Port	
Salaries and contingencies	10,613	Augusta railway—	
Gaol—		Interest on loans	86,393
Salaries and contingencies	2,289	Contribution to Sinking Fund	
Charitable Institutions-		Extraordinary maintenance	10,451
Salaries and contingencies	4,824	Advertising and other expenses	
Board of Health-		in connection with Rolling Stock	529
Salaries	1,629	Buildings, artesian bores, roads,	
Law Officers-	0.000	bridges, farms, etc.	50,000
Salaries and contingencies	2,136	Port Augusta railway	115
Marine Office	004	Buildings, PostmasterGeneral's	
Salaries and contingencies	924	Department	1,113
Stock and Brands-	1.60#	Survey of Railway, Pine Creek	
Salaries and contingencies Botanic Gardens—	1,695	to Katherine	856
Salaries and contingencies	1,859		532,535
Salaries and contingencies	1 1,609	L	004,000

REVENUE AND EXPENDITURE, NORTHERN TERRITORY, 1913-14. 1

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In addition, the following expenditure was made from the Loan Fund during the year :--Red

Redemption of N.T. Loans	•••	• •,•.	126,529
Redemption of Port Augusta	Loans	•••	135,627
			· ·
Total	•••	•.• •.	£262,156.

The Commonwealth received £151,513 from South Australia, being the credit balance of Northern Territory funds, but assumed responsibility for interest on loans. and redemptions.

NORTHERN TERRITORY .- LAND TENURE.

2. Loans.—The first loan on Northern Territory account was floated in London in 1876; the nominal amount was £75,000, at 4 per cent., due date 1st January, 1916. The public debt on 30th June, 1914, was £3,359,891. The following is a summary:—

PUBLIC DEBT, NORTHERN TERRITORY, 30th JUNE, 1914.

	Principal.		Rate.		Annual Interest.
	$2\tilde{7},216$		ŝ		817
	154,992		3 1		5,425
	1,798,383		3 1 3 2		67,439
•	1,379,300	•••	4	•••	55,172
Total	3,359,891			•••	128,853

§ 9. Land Tenure.

1. Present Policy .-- The system of land settlement in the Territory will be found fully described in the chapter "Land Tenure and Settlement," see pages 242, 243 supra. Progress in land settlement has been slow, reports indicating that a good class of Southern European immigrant is required. Prior to the transfer of the Territory to the Commonwealth on 1st January, 1911, the sale and occupation of lands were regulated by the South Australian Legislature in Statutes applying particularly to the Territory. Under the Commonwealth Government a complete reorganisation is being effected. Lands Ordinances, recently proclaimed, declare the present land policy and define the conditions. A leasehold system only is provided for and no further alienation of Crown lands is permitted, except in pursuance of existing agreements. The land is classified and appraised, and leased in blocks, the maximum areas ranging from 300 square miles of first class pastoral, to 1280 acres of first class agricultural land. The term of pastoral and miscellaneous leases is 21 or 42 years; all other leases are to be in perpetuity, making them almost equivalent to freeholds, but with re-appraisement of rent values every 14 years in the case of town lands, and every 21 years in the case of agricultural. and pastoral lands. The conditions are of a very favourable nature, with low rents and elastic conditions of tenure. In order to provide for cases where allottees on inspection of their blocks have reasonable grounds for preferring another block, the Administrator is empowered to revoke leases, under certain conditions. Under the Advances to Settlers Ordinance 1913, provision was made for giving settlers financial assistance in the pioneering years. Repayment of loans can be extended over a period of 30 years.

2. Number of Holdings.—The table on page 243 supra shews the total area under lease, license, and permit in 1901 and in each year from 1909 to 1913. In the latter year 93,748,100 acres were held under pastoral leases and permits; 667 acres under right-to-purchase leases; and 1,762,538 acres under other leases. The pastoral leases include 378,240 acres held under annual leases; and 7,509,120 under grazing licenses. The other leases include 1,644,060 acres held under coal and oil permits; 50,880 acres under mineral oil licenses; 6000 acres under mining licenses; 594 acres under gold-mining leases; 970 acres under mineral leases; 400 acres under tin-dredging applications; 140 acres under gold-dredging applications; and 1280 acres under water leases. There are also 38,219 acres held under agricultural leases, for cultivation, mixed farming, etc.