

PROCEEDINGS OF A SEMINAR HELD ON 20 SEPTEMBER 1983

BY THE DEPARTMENT OF FISHERIES AND WILDLIFE

THE MANAGEMENT OF SMALL BUSH AREAS  
IN THE  
PERTH METROPOLITAN REGION

EDITED BY

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## THE PERTH METROPOLITAN REGION NATURE RESERVES

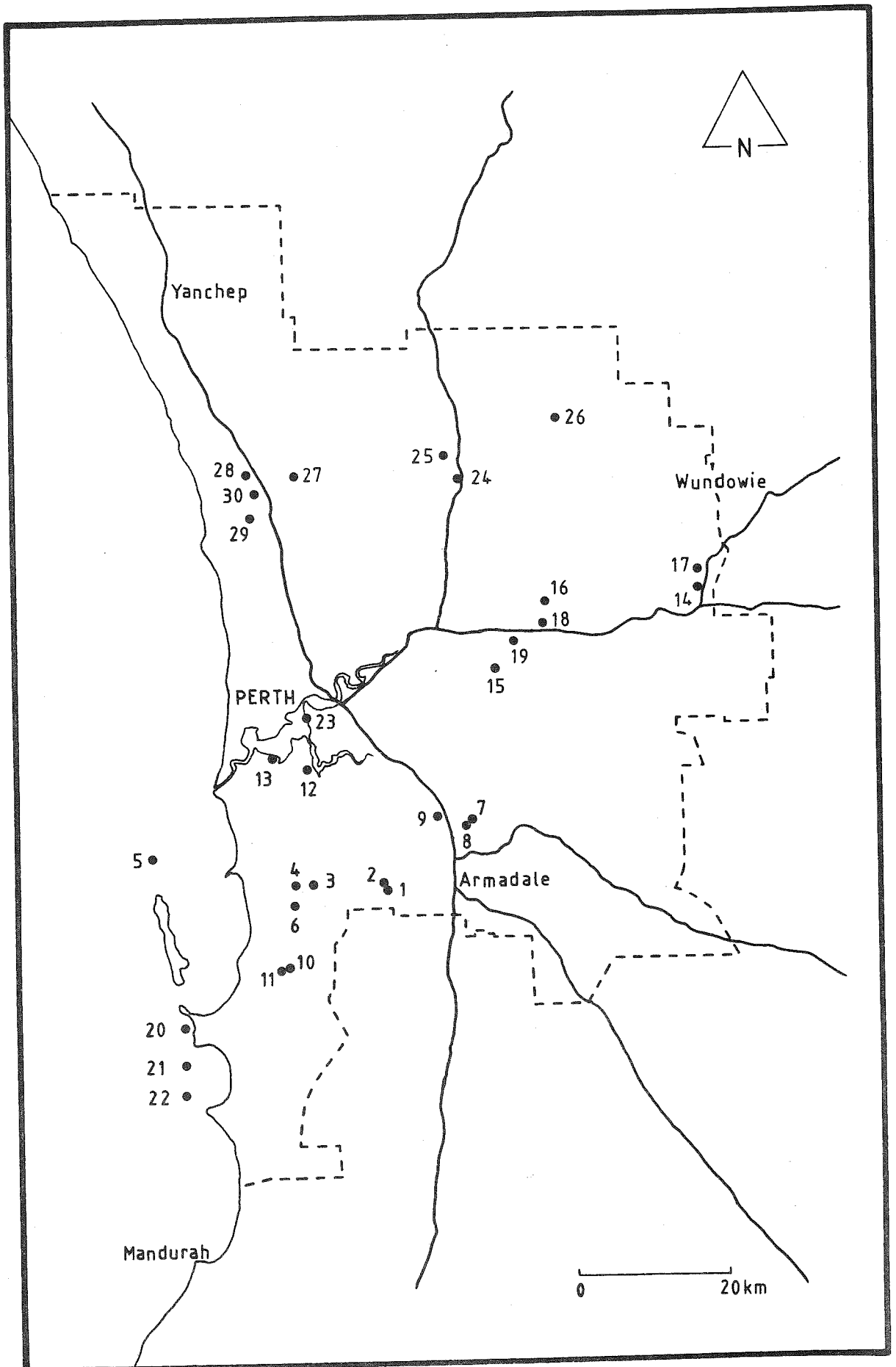
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There are 30 nature reserves in the Perth Metropolitan Region (here defined as the Perth Wildlife district, according to the Department of Fisheries and Wildlife; see map). The region includes 28 Local Government Authorities. The purpose of the nature reserves within this region range from 'Drainage and Fauna' to 'Wildlife Park' to 'Flora and Nursery School' to 'Conservation of Flora and Fauna' (see table). Thus, the Metropolitan nature reserves (MNR) encompass a broad spectrum of purposes. Their size range is similarly broad - from the two island reserves (Third Rocks and The Sisters) in Warnbro Sound, of negligible size, to Thomsons Lake, with an area of 509 ha. These reserves occur in 10 of the 28 Local Government Authorities in the region; from Wanneroo in the north, to Rockingham in the south and Mundaring in the east.

The MNR capture much of the diversity of the Perth region. Five of the 30 nature reserves are islands, such as Carnac and the Shoalwater Bay Islands. Examples of the Swan coastal plain wetlands are included in Lake Joondalup, Forrestdale Lake and Thomsons Lake Nature Reserves. Further to the east again, Ellen Brook and Twin Swamps represent the upper reaches of the Swan. Finally, on the eastern boundary of the region, the western margins of the Darling Scarp are represented in Copley Dale and Beechina Nature Reserves. Obviously the MNR encompass a diversity of habitats and are therefore invaluable as a conservation and educational resource.

A management plan is currently being prepared for this group of nature reserves. The plan will be divided into two parts, with the first part describing the reserves and their surroundings. This includes the reserves' relationships to surrounding lands (eg. what road passes along what boundary), their history and past use, flora and fauna and nature conservation values. The aforementioned information and descriptions will be obtained from existing records and publications, and from Departmental field surveys. The second part of the plan details management objectives with regard to fire protection, pest control, rehabilitation of degraded areas and public use. This is followed by management strategies which detail how the objectives are to be achieved, based on the information



THE PERTH METROPOLITAN REGION NATURE RESERVES  
 (see following table for reserve identification)

NATURE RESERVES OF THE PERTH METROPOLITAN REGION

Reserve No.	Name	Area (ha)	Purpose	Vesting	Map Ref. Number
ARMADALE KELMSCOTT SHIRE					
A24781	Forrestdale Lake	244	Flora & Fauna & Recreation	WAWA	1
37016	-	2	Flora & Fauna & Recreation	WAWA	2
TOWN OF COCKBURN					
7756	-	33	Drainage & Fauna	-	3
A15556	Thomsons Lake	509	Drainage & Fauna Research	WAWA	4
A26646	Carnac Island	19	Fauna & Recreation	WAWA	5
29241	Marsupial Research Station	254	Min. for Fish. & Fauna	WAWA	6
CITY OF GOSNELLS					
32064	-	5	Wildlife Sanctuary	LA	7
24504	Cohunu	16	Wildlife Park	LA with power to to lease.	8
31993	Mary Carroll Park	9	Bird Sanctuary and Park	LA	9

KWINANA SHIRE

A23961	Ridley Green	2	Flora & Nursery School	LA	10
A23958	Ridley Green	1	Flora & Childrens Playground	LA	11

CITY OF MELVILLE

A25562	Blue Gum Swamp	8	Recreation & Fauna	LA	12
35066	Alfred Cove	7	Cons. of Flora & Fauna	WAWA	13

MUNDARING SHIRE

30667	Beechina	56	Flora & Fauna	WAWA	14
20765	-	4	Recreation & Bird Sanctuary	LA	15
11140	-	4	Flora	-	16
30681	-	4	Flora	-	17
10233	-	4	Flora	-	18
36428	-	9	-	LA	19

ROCKINGHAM SHIRE

24204	Shoalwater Bay Islands	3	Fauna	WAWA	20
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31893	Third Rocks	Neg.	Fauna	WAWA	21
31894	The Sisters	Neg.	Fauna	WAWA	22
CITY OF SOUTH PERTH					
33803	Kwinana Freeway	4	Fauna	WAWA	23
SWAN SHIRE					
A27620	Ellen Brook	67	Fauna	WAWA	24
A27621	Twin Swamps	155	Fauna	WAWA	25
25919	Copley Dale	5	Flora & Fauna	WAWA	26
WANNEROO SHIRE					
7349	Jandabup Lake	308	Fauna	Min. for Fish. & Fauna	27
A21708	Malup Island	4	Flora & Fauna	-	28
30809	Wanneroo Research Station Site	39	Research of Flora & Fauna	Min. for Fish. & Fauna	29
A31048	Lake Joondalup	465	Recreation & Flora & Fauna	LA & WAWA	30

WAWA - Western Australian Wildlife Authority

LA - Local Authority

given in the first part of the plan.

The plan will be based on a recognition of the value of this reserve system for both conservation and education.