

Weed and native flora quadrat data compiled between 1990 – 1996 for the Swan Coastal Plain

Compiled and edited by Keighery, B., Keighery, G., Longman, V.M., and Clarke, K.A. 2012. Data compiled for the Departments of Environmental Protection and Conservation and Land Management.

1 INTRODUCTION AND IMPORTANT PROVISIO

This dataset derives from a database that has been compiled and maintained by Greg and Bronwen Keighery and Vanda Longman over many years. It combines the results of a number of floristic studies conducted on plant communities of the IBRA Swan Coastal Plain Bioregion (abbreviated as SWA, SEWPC 2012) south of the Moore River, hereafter referred to as the southern Swan Coastal Plain. It includes sampling site details, the flora collected at these sampling sites and the floristic community type assigned to these sampling sites. The taxonomy of the flora in the database has been updated regularly as determined by Greg and Bronwen Keighery. This dataset lists the taxonomy (including family names) which was current in this database on 23 June 2005 when this dataset was compiled.

PROVISO: *It is important to know that the data in this dataset are not suitable for floristic community type analysis due to inconsistencies in the grouping and splitting of some species compared to that used in the Gibson et al. (1994) analysis. This dataset is not the exact dataset used to analyse FCTs for Bush Forever (Government of Western Australia 2000).*

2 THE STUDIES

This dataset is derived from the results of several floristic studies, or sets of quadrats, conducted between 1990 and 1996, on southern Swan Coastal Plain (SCP) plant communities. These studies are summarised in Table 1: Floristic studies used in the preparation of this dataset. .

Table 1: Floristic studies used in the preparation of this dataset.

Study Code or Quadrat Set Code	Reference	Coverage	Years of Survey
Floristic survey of the southern Swan Coastal Plain			
SCP	Gibson <i>et al.</i> (1994)	Southern Swan Coastal Plain	1990 – 1993
Established for the System 6 and Part System 1 Update Programme by the Department of Environmental Protection			
SYS6ENV	DEP (1996) – 1994 data *	Southern Swan Coastal Plain	1993 – 1994
SYS6ENV2	DEP (1996) – 1995 data *	Southern Swan Coastal Plain	1995 – 1996
Contributed to the System 6 and Part System 1 Update Programme			
GRIFFIN	Griffin (1993, 1994) Weston <i>et al.</i> (1993)	Swan Coastal Plain north of Perth	1993
GJKENV	Keighery (1996)	Tuart (<i>Eucalyptus gomphocephala</i>) woodlands on the Swan Coastal Plain	1990 – 1994

* Include 13 quadrats from Trudgen and Keighery (1995).

3 THE SAMPLING SITES

The studies involved the establishment of over a thousand floristic sampling sites; some of these were measured and permanently located 10 m x 10 m quadrats and some were estimated 10 m x 10 m (relevés). See Table 2 for the sampling sites included in this dataset for each study.

Table 2: Floristic sampling site types for each study.

Study Code or Quadrat Set Code	Number of Sampling Sites in this Dataset
Permanent quadrats located with 4 steel fence droppers, measured 10 m x 10 m	
SCP	511
SYS6ENV SYS6ENV2	292
Estimated 10 m x 10 m quadrats (relevés)	
GRIFFIN	287
GJKENV	31

Hereafter, all quadrat and relevé sampling sites will be referred to as ‘quadrats’.

The quadrats in this dataset are listed, with their study codes and southern Swan Coastal Plain floristic community type (SWAFCT) codes in Table 3. FCT codes are described in Table 4. The FCTs allocated to southern SCP quadrats can differ from those in Gibson *et al.* (1994); this is because the SCP quadrats were reanalyzed more recently (in 1996, see Table 4 and Government of Western Australia 2000), in conjunction with the other quadrats, and it is these reallocated FCTs that are listed here. This dataset includes information only from the quadrats to which FCTs have been allocated; some quadrats were unsuitable for analysis because, for example, they were too weedy. Note that the NatureMap dataset does not include any quadrats on private property.

Table 3: Quadrats, studies and southern Swan Coastal Plain floristic community type codes

QUADRAT	STUDY	SWAFCT
4M01	GRIFFIN	23c
4M02	GRIFFIN	s09
4M03	GRIFFIN	28
4M04	GRIFFIN	s09
5A01	GRIFFIN	23b
5C01	GRIFFIN	s18
5C02	GRIFFIN	23b
5C03	GRIFFIN	20a
5C04	GRIFFIN	23b
5C05	GRIFFIN	s18
5C06	GRIFFIN	23b
5C07	GRIFFIN	21c
5D01	GRIFFIN	23b
5E01	GRIFFIN	23b
5E02	GRIFFIN	s09
5F01	GRIFFIN	22
5G01	GRIFFIN	s09
activ01	SYS6ENV2	20a
activ02	SYS6ENV2	20a
activ03	SYS6ENV2	20a
ACTON-1	SCP	1a
airf01	GJKENV	8
airf02	SYS6ENV2	8
alfr01	SYS6ENV	16
alfr02	SYS6ENV	s07
AMBR-1	SCP	1b
AMBR-2	SCP	2
AMBR-3	SCP	4
AMBR-4	SCP	1b
AMBR-5	SCP	2
AMBR-6	SCP	1b
AMBR-7	SCP	2

QUADRAT	STUDY	SWAFCT
AMBR-9	SCP	1b
AMBRAL-1	SCP	1b
APBF-1	SCP	20a
APBF-2	SCP	20a
AUSTB-1	SCP	7
AUSTB-2	SCP	7
AUSTB-3	SCP	11
AUSTB-4	SCP	5
AUSTB-5	SCP	5
AUSTB-6	SCP	5
AUSTB-7	SCP	7
AUSTB-8	SCP	7
AUSTRA-1	SCP	21a
BAMBUN-1	SCP	7
BAMBUN-2	SCP	15
BAMBUN-3	SCP	7
BANK-1	SCP	22
BANK-2	SCP	23a
BANK-3	SCP	23a
BANK-4	SCP	13
BC1	GRIFFIN	20d
BC2	GRIFFIN	s10
BC3	GRIFFIN	23b
BC4	GRIFFIN	20d
BC5	GRIFFIN	s18
BC6	GRIFFIN	20d
BC7	GRIFFIN	20d
beel01	SYS6ENV	28
beel02	SYS6ENV	23a
beel03	SYS6ENV	11
benn01	SYS6ENV	s07
benn02	SYS6ENV	s07
benn03	SYS6ENV	s07
bibra01	SYS6ENV2	23a
BMaid02	SYS6ENV2	29a
BNR01	GRIFFIN	s09
BNR02	GRIFFIN	s10
BNR03	GRIFFIN	23b
BNR04	GRIFFIN	s02
BNR05	GRIFFIN	s06
BNR06	GRIFFIN	s10
BNR07	GRIFFIN	s09
BNR08	GRIFFIN	s10
BNR09	GRIFFIN	s10
BNR10	GRIFFIN	s10
BNR11	GRIFFIN	s18
BNR12	GRIFFIN	s18
BNR13	GRIFFIN	s18
BNR14	GRIFFIN	s09
BNR15	GRIFFIN	s18
BNR16	GRIFFIN	s18
BNR17	GRIFFIN	s18
BNR18	GRIFFIN	s09
BNR19	GRIFFIN	23b
BNR20	GRIFFIN	s09
BNR21	GRIFFIN	s10
BNR22	GRIFFIN	20d
BNR23	GRIFFIN	s09
BNR24	GRIFFIN	s18

QUADRAT	STUDY	SWAFCT
BNR25	GRIFFIN	s09
BNR26	GRIFFIN	23b
BNR27	GRIFFIN	22
BNR28	GRIFFIN	23c
BNR29	GRIFFIN	22
BNR30	GRIFFIN	23b
BNR31	GRIFFIN	23b
BNR32	GRIFFIN	22
BNR33	GRIFFIN	23b
BOLD-1	SCP	24
BOLD-2	SCP	24
BOLD-3	SCP	24
BOLD-4	SCP	24
bold05	GJKENV	s11
bold06	GJKENV	30a2
bold07	GJKENV	24
bold08	GJKENV	29b
bold09	GJKENV	24
bold10	GJKENV	29b
bold11	GJKENV	29b
bold12	GJKENV	24
bold13	GJKENV	24
bold14	GJKENV	24
bold16	GJKENV	25
bold17	GJKENV	s15
bold18	GJKENV	27
bold21	GJKENV	s07
bold22	GJKENV	27
bold23	GJKENV	24
boot01	SYS6ENV2	18
boot02	SYS6ENV2	s07
boot03	SYS6ENV2	18
boyan 01	SCP	21b
boyan 02	SCP	1a
brick1	SCP	3a
brick2	SCP	20b
brick3	SCP	3a
brick4	SCP	9
brick5	SCP	3a
brick6	SCP	3a
brick7	SCP	3a
brick8	SCP	3a
BRIX-1	SCP	8
BRIX-2	SCP	3a
BRIX-3	SCP	8
BRIX-4	SCP	8
BRIX-5	SCP	3a
BU01	GRIFFIN	29a
BU02	GRIFFIN	29a
BU03	GRIFFIN	27
BU04	GRIFFIN	29a
buck01	SYS6ENV	24
buffer01	SCP	21b
BULL-1	SCP	28
BULL-3	SCP	23a
BULL-4	SCP	28
BULL-5	SCP	5
BULL-6	SCP	7
BULL-7	SCP	5

QUADRAT	STUDY	SWAFCT
BULL-8	SCP	7
BULL-9	SCP	28
BULL-10	SCP	28
BULL-11	SCP	28
BULL-12	SCP	11
BULLER-1	SCP	21a
BULLER-2	SCP	21a
BULLER-3	SCP	21c
bunb01	SYS6ENV2	25
BURN-1	SCP	29a
BURN-2	SCP	29a
BURNRD01	SCP	20b
BURNRD02	SCP	3b
Bushm01	SYS6ENV2	20a
Bushm02	SYS6ENV2	20c
BW01	GRIFFIN	s16
BW02	GRIFFIN	s09
BW03	GRIFFIN	26b
BW04	GRIFFIN	s10
BW05	GRIFFIN	s09
BYRD-1	SCP	9
C 97PU.R	GRIFFIN	s18
C 98PU.R	GRIFFIN	s10
C 99PU.R	GRIFFIN	s18
C58-1	SCP	4
C58-2	SCP	13
C58-3	SCP	8
C58-4	SCP	10a
C71-1	SCP	11
C71-2	SCP	21a
C71-3	SCP	21a
C71-4	SCP	25
CAPEL-1	SCP	21b
CAPEL-2	SCP	21b
CAPEL-3	SCP	4
CAPEL-4	SCP	13
CAPEL-5	SCP	1b
CAPEL-6	SCP	12
CAPEL-7	SCP	21a
CAPEL-8	SCP	12
CAPEL-9	SCP	12
CARAB-1	SCP	15
CARAB-2	SCP	7
CARAB-3	SCP	11
CARB-1	SCP	1b
CARB-2	SCP	1b
CARB-3	SCP	21b
CARB-4	SCP	1b
card1	SCP	20b
card2	SCP	20b
card3	SCP	21a
card4	SCP	6
card5	SCP	20b
card6	SCP	20b
card7	SCP	21a
card8	SCP	20b
card9	SCP	20b
card10	SCP	6
card11	SCP	6

QUADRAT	STUDY	SWAFCT
card12	SCP	3b
card13	SCP	3b
cas01	SYS6ENV	4
cas02	SYS6ENV	21a
cas03	SYS6ENV	23a
cas04	SYS6ENV	4
Cavs01	SYS6ENV2	21a
Cavs02	SYS6ENV2	21a
Cavs06	SYS6ENV2	s07
Cavs07	SYS6ENV2	s01
Cavs09	SYS6ENV2	s02
Cavs10	SYS6ENV2	21a
Cavs11	SYS6ENV2	21a
CH049CUL	GRIFFIN	s09
CH050CUL	GRIFFIN	s09
CH054ASH	GRIFFIN	s09
CH055ASH	GRIFFIN	s09
CH056ASH	GRIFFIN	s18
CH057ASH	GRIFFIN	s10
CH058ASH	GRIFFIN	s09
CH059ASH	GRIFFIN	s18
CH060ASH	GRIFFIN	s18
CH156TEE	GRIFFIN	s18
CH157TEE	GRIFFIN	s09
Chid01	SYS6ENV2	21b
Chid02	SYS6ENV2	21b
Chid03	SYS6ENV2	4
Chid04	SYS6ENV2	s17
Chid05	SYS6ENV2	4
Chid06	SYS6ENV2	17
CHIDPT-1	SCP	24
CLIFT01	SCP	21a
CLIFT02	SCP	26a
CLIFT03	SCP	26a
colriv01	SYS6ENV2	25
cool 01	SCP	17
cool 02	SCP	24
cool 03	SCP	24
cool 04	SCP	17
cool 08	SCP	24
cool 09	SCP	19b
cool 11	SCP	17
cool14	GJKENV	19b
cool15	GJKENV	19b
CORON-1	SCP	21a
CORON-2	SCP	25
CRAMPT-1	SCP	21a
CRAMPT-2	SCP	21a
Cresw01	SYS6ENV2	23a
dard01	SCP	1a
dard02	SCP	21b
dard03	SCP	1a
davies01	SYS6ENV2	4
davies02	SYS6ENV2	7
DEJONG01	SCP	22
DEJONG02	SCP	21c
Della01	SYS6ENV2	s01
DEPOT-1	SCP	28
dian01	SYS6ENV	23a

QUADRAT	STUDY	SWAFCT
dian02	SYS6ENV	4
dillo01	SYS6ENV2	21c
DRAIN-1	SCP	21a
DUCK-1	SCP	3c
DUCK-2	SCP	3c
DUCK-3	SCP	9
DUNS-1	SCP	3b
elbr01	SYS6ENV	3b
elbr02	SYS6ENV	s08
elbr03	SYS6ENV	s08
ELDO-1	SCP	23b
ELE01	GRIFFIN	23b
ELE02	GRIFFIN	21c
ELE03	GRIFFIN	23b
ELE04	GRIFFIN	21a
ELE05	GRIFFIN	s02
ELE06	GRIFFIN	s02
ELE07	GRIFFIN	4
ELE08	GRIFFIN	23b
ELE09	GRIFFIN	s05
ELE10	GRIFFIN	s05
ELE11	GRIFFIN	21a
ELE12	GRIFFIN	s06
ELE13	GRIFFIN	18
ELE14	GRIFFIN	4
ELE15	GRIFFIN	21a
ELE16	GRIFFIN	23b
ELE17	GRIFFIN	23b
ELE18	GRIFFIN	22
ELE19	GRIFFIN	s03
ELE20	GRIFFIN	s03
ELE21	GRIFFIN	s09
ELE22	GRIFFIN	21c
ELE23	GRIFFIN	22
ELE24	GRIFFIN	23b
ELE25	GRIFFIN	21c
ELE26	GRIFFIN	s02
ELE27	GRIFFIN	21c
ELE28	GRIFFIN	23b
ELE29	GRIFFIN	21c
ELE30	GRIFFIN	s02
ELE31	GRIFFIN	s02
ELE32	GRIFFIN	4
ELE33	GRIFFIN	4
ELE34	GRIFFIN	s02
ELE35	GRIFFIN	s05
ELE36	GRIFFIN	s05
ELE37	GRIFFIN	s17
ELE38	GRIFFIN	s06
ELE39	GRIFFIN	s06
ELE40	GRIFFIN	4
ELLEN-1	SCP	8
ELLEN-2	SCP	8
ELLEN-3	SCP	8
ELLEN-4	SCP	8
ELLEN-5	SCP	8
ELLEN-6	SCP	3c
ELLEN-7	SCP	6
Ellib01	SYS6ENV2	s08

QUADRAT	STUDY	SWAFCT
Ellib02	SYS6ENV2	20d
Ellib03	SYS6ENV2	s08
Ellib04	SYS6ENV2	s08
Ellib05	SYS6ENV2	s08
Ellib06	SYS6ENV2	s08
ELLIS-1	SCP	17
ELLIS-2	SCP	18
ELLIS-3	SCP	18
FISH-1	SCP	7
FISH-2	SCP	7
FISH-3	SCP	10a
FISH-4	SCP	10a
FISH-5	SCP	2
FL-1	SCP	4
FL-2	SCP	10a
FL-3	SCP	8
FL-4	SCP	21a
FL-5	SCP	21c
FL-6	SCP	21c
FL-7	SCP	8
FL-9	SCP	4
FL-10	SCP	12
FYR01	GRIFFIN	s09
FYR02	GRIFFIN	s10
FYR03	GRIFFIN	s10
GARD01	SCP	30a1
GARD02	SCP	29a
GARD03	SCP	30a1
GARD04	SCP	30a2
gelor01	SYS6ENV2	25
gelor02	SYS6ENV2	21a
gibson01	SCP	21b
gibson02	SCP	1a
gill01	SYS6ENV2	23a
GINGIN-1	SCP	7
GINGIN-2	SCP	7
GINGIN-3	SCP	7
GMaid01	SYS6ENV2	25
GMaid02	SYS6ENV2	25
GMaid03	SYS6ENV2	25
GMaid04	SYS6ENV2	25
gnan01	SYS6ENV	s03
gnan02	SYS6ENV	s17
gnan03	SYS6ENV	23a
GOLF-1	SCP	20a
gosn01	SYS6ENV	4
gosn02	SYS6ENV	23a
gosn03	SYS6ENV	4
gosn04	SYS6ENV	23a
gosn05	SYS6ENV	s03
gosn06	SYS6ENV	s01
gosn07	SYS6ENV	4
gosn08	SYS6ENV	8
gosn09	SYS6ENV	4
gosn10	SYS6ENV	7
gosn11	SYS6ENV	10a
gosn12	SYS6ENV	23a
gosn13	SYS6ENV	23a
Guild01	SYS6ENV2	29b

QUADRAT	STUDY	SWAFCT
Guild02	SYS6ENV2	29b
Guild03	SYS6ENV2	29b
Guild04	SYS6ENV2	29b
Guild05	SYS6ENV2	26b
Guild06	SYS6ENV2	29b
Guild07	SYS6ENV2	17
Guild08	SYS6ENV2	28
Guild09	SYS6ENV2	26b
Guild10	SYS6ENV2	29b
GUTHR-1	SCP	4
GUTHR-2	SCP	5
GUTHR-3	SCP	21a
GUTHR-4	SCP	5
GUTHR-5	SCP	21a
GUTHR-6	SCP	21a
Hamp01	SYS6ENV2	4
Hamp02	SYS6ENV2	5
Hamp03	SYS6ENV2	21a
Hamp04	SYS6ENV2	12
HARRY-1	SCP	28
HARRY-2	SCP	28
HARRY-3	SCP	5
HARRY-4	SCP	23a
HARRY-5	SCP	21a
HARRY-6	SCP	11
hart01	SYS6ENV2	20a
hart02	SYS6ENV2	s02
hart03	SYS6ENV2	s02
hart04	SYS6ENV2	23a
Hay01	SYS6ENV2	8
Hay02	SYS6ENV2	17
Hay03	SYS6ENV2	s05
Hay04	SYS6ENV2	s05
Hay05	SYS6ENV2	18
Hepb01	SYS6ENV2	28
Hepb02	SYS6ENV2	26b
Hepb03	SYS6ENV2	24
hurst01	SCP	23a
hurst02	SCP	23a
hurst03	SCP	23a
hurst04	SCP	23a
hymus01	SCP	11
hymus02	SCP	11
hymus03	SCP	21c
hymus04	SCP	21c
hymus05	SCP	11
hymus06	SCP	11
iron01	SCP	10b
iron02	SCP	10b
jand01	SYS6ENV	23a
jand02	SYS6ENV	23a
jand03	SYS6ENV	22
jand04	SYS6ENV	23a
jand05	SYS6ENV	21c
jand06	SYS6ENV	5
jand07	SYS6ENV	23a
jand08	SYS6ENV	23a
kailis01	SYS6ENV2	23a
kailis02	SYS6ENV2	23a

QUADRAT	STUDY	SWAFCT
kailis03	SYS6ENV2	4
kelly01	SCP	1a
kelly02	SCP	21b
KEME-1	SCP	25
KEME-2	SCP	21a
KEME-3	SCP	21c
kemp01	SCP	1a
Kens01	SYS6ENV2	23a
KERO-1	SCP	24
KERO-2	SCP	24
KING-1	SCP	28
KING-2	SCP	28
KOOLJ-1	SCP	4
KOOLJ-2	SCP	21a
KOOLJ-3	SCP	21a
KOOLJ-4	SCP	21a
KOOLJ-5	SCP	3b
KOOLJ-6	SCP	10a
KOOLJ-7	SCP	10a
KOON-1	SCP	20a
KOON-2	SCP	20a
lamb1	SCP	3a
lamb2	SCP	3a
LAND-1	SCP	20a
leda01	SYS6ENV	25
leda02	SYS6ENV	28
leda03	SYS6ENV	17
leda04	SYS6ENV	17
LESCH-1	SCP	30b
LESCH-2	SCP	30b
LESCH-3	SCP	30b
LESCH-4	SCP	30b
LESCH-5	SCP	30b
LESCH-6	SCP	17
Light01	SYS6ENV2	23a
Light02	SYS6ENV2	23a
Light03	SYS6ENV2	4
Light04	SYS6ENV2	23a
low01	SCP	21c
low04	SCP	21a
low06a	SCP	21c
low06b	SCP	21c
low07	SCP	21c
low08	SCP	5
low09a	SCP	5
low09b	SCP	5
low10a	SCP	21a
low10b	SCP	11
low12a	SCP	21a
low12b	SCP	21a
low13a	SCP	21a
low13b	SCP	23a
low14a	SCP	4
LYONS-1	SCP	4
LYONS-2	SCP	25
m4601	GJKENV	s11
m4602	GJKENV	s11
M53	SCP	20a
m5302	SYS6ENV	20a

QUADRAT	STUDY	SWAFCT
m5303	SYS6ENV	20a
m5304	SYS6ENV	2
m5305	SYS6ENV	3a
m5306	SYS6ENV	3a
maida01	SYS6ENV2	20a
maida02	SYS6ENV2	20a
MANEA-1	SCP	9
MANEA-2	SCP	21a
MANEA-3	SCP	21b
McLART-1	SCP	13
MEAL-1	SCP	25
MEAL-2	SCP	26b
MEELON-1	SCP	8
MEELON-2	SCP	8
MELA-1	SCP	4
MELA-2	SCP	23b
MELA-3	SCP	23b
MELA-5	SCP	22
MELA-6	SCP	23b
MELA-7	SCP	23b
MELA-8	SCP	23b
MELA-9	SCP	23b
MELA-10	SCP	22
MGK01	SYS6ENV2	21a
MGK02	SYS6ENV2	4
MGK03	SYS6ENV2	21b
MGK04	SYS6ENV2	21b
MHENRY-1	SCP	30a2
MHENRY-2	SCP	30a2
MHR01	GRIFFIN	23b
MHR02	GRIFFIN	s09
MHR03	GRIFFIN	s10
MI002MOR	GRIFFIN	s09
MI003MOR	GRIFFIN	s04
MI01	GRIFFIN	29b
MI02	GRIFFIN	29b
MI03	GRIFFIN	29b
MI04	GRIFFIN	s11
MI05	GRIFFIN	s11
MI06	GRIFFIN	29b
MI07	GRIFFIN	29b
MI08	GRIFFIN	s11
MI09	GRIFFIN	29b
MI10	GRIFFIN	s14
MI11	GRIFFIN	s13
MI12	GRIFFIN	s13
MI13	GRIFFIN	s14
MI14	GRIFFIN	s14
MI15	GRIFFIN	s14
MI16	GRIFFIN	s14
MI17	GRIFFIN	s13
MI18	GRIFFIN	29b
MI19	GRIFFIN	s13
MI20	GRIFFIN	s14
MI21	GRIFFIN	29a
MI22	GRIFFIN	s13
MI23	GRIFFIN	24
Mill01	SYS6ENV2	5
MILT-1	SCP	5

QUADRAT	STUDY	SWAFCT
MILT-2	SCP	13
MILT-3	SCP	23b
MILT-4	SCP	28
MILT-5	SCP	14
MILT-6	SCP	21a
MILT-7	SCP	23b
MILT-8	SCP	23b
MIME 01	GRIFFIN	23b
MINN-1	SCP	25
MINN-2	SCP	25
MINN-3	SCP	25
MNP01	GRIFFIN	23b
MNP02	GRIFFIN	23b
MNP03	GRIFFIN	s09
MODO-1	SCP	4
MODO-2	SCP	21c
MODO-3	SCP	11
MODO-4	SCP	23a
MODO-5	SCP	23a
MODO-6	SCP	4
MOOR 01	GRIFFIN	S09
MOOR 02	GRIFFIN	S09
MOOR 03	GRIFFIN	S10
MOOR 04	GRIFFIN	S06
MOOR 05	GRIFFIN	23b
MOOR 06	GRIFFIN	23b
MOOR 07	GRIFFIN	23b
MOOR 08	GRIFFIN	23b
MOOR 09	GRIFFIN	23b
moore01	SYS6ENV	28
moore02	SYS6ENV	28
moore03	SYS6ENV	28
MP01	GRIFFIN	23b
MP02	GRIFFIN	s02
MP03	GRIFFIN	4
MP04	GRIFFIN	23b
MP05	GRIFFIN	23b
MP06	GRIFFIN	23b
MP07	GRIFFIN	4
MP08	GRIFFIN	23b
MP09	GRIFFIN	23b
MP10	GRIFFIN	23b
MP11	GRIFFIN	s02
MPK01	SCP	23b
MPK02	SCP	22
MPK03	SCP	23b
MR01	GRIFFIN	s20
MR02	GRIFFIN	s20
MR03	GRIFFIN	s20
MR04	GRIFFIN	s20
MR05	GRIFFIN	23b
MR06	GRIFFIN	s06
MR07	GRIFFIN	s06
MR08	GRIFFIN	s02
MR09	GRIFFIN	23b
MR10	GRIFFIN	23b
MR11	GRIFFIN	22
MR12	GRIFFIN	23b
MR13	GRIFFIN	23b

QUADRAT	STUDY	SWAFCT
MR14	GRIFFIN	s09
MR15	GRIFFIN	s06
MR16	GRIFFIN	s06
MR17	GRIFFIN	s06
MR18	GRIFFIN	s06
mrnp01	SYS6ENV	7
mrnp02	SYS6ENV	s06
mrnp03	SYS6ENV	7
mrnp04	SYS6ENV	23b
MSF01	GRIFFIN	s09
MSF02	GRIFFIN	s09
MSF03	GRIFFIN	23c
MTB-1	SCP	24
MTB-2	SCP	24
MTB-3	SCP	24
MTB-4	SCP	24
MTB-5	SCP	17
much01	SYS6ENV	28
much02	SYS6ENV	6
much03	SYS6ENV	28
much04	SYS6ENV	25
much05	SYS6ENV	s17
MUCK-1	SCP	23b
MUCK-2	SCP	7
MUD-2	SCP	8
MUD-3	SCP	8
MUD-4	SCP	3a
MUD-5	SCP	3a
MUD-6	SCP	8
MUD-7	SCP	8
MUD-9	SCP	8
MUK01	GRIFFIN	23b
MUK02	GRIFFIN	4
MWR01	GRIFFIN	20d
MWR02	GRIFFIN	20d
MWR03	GRIFFIN	s06
MWR04	GRIFFIN	23b
MWR05	GRIFFIN	s10
MWR06	GRIFFIN	s06
MWR07	GRIFFIN	s09
MWR08	GRIFFIN	23b
MWR09	GRIFFIN	s10
MWR10	GRIFFIN	23b
MYALUP-2	SCP	25
NAVB-1	SCP	16
NAVB-2	SCP	29a
NAVB-3	SCP	24
NAVB-4	SCP	24
NEER-1	SCP	24
NEER-2	SCP	28
NEER-3	SCP	28
NEER-4	SCP	28
NEER-5	SCP	28
NEER-6	SCP	28
NEER-7	SCP	24
NEER-8	SCP	28
NEER-9	SCP	24
NEER-10	SCP	24
NEER-11	SCP	24

QUADRAT	STUDY	SWAFCT
NEER-20	SCP	28
NEER-21	SCP	28
NEER-22	SCP	28
NEER-23	SCP	28
NINE-1	SCP	21a
NINE-2	SCP	21a
NMaid01	SYS6ENV2	29a
NMaid03	SYS6ENV2	29a
NMaid04	SYS6ENV2	30b
NMaid05	SYS6ENV2	25
Norm01	SYS6ENV2	20b
Norm02	SYS6ENV2	1a
Norm03	SYS6ENV2	20b
Norm04	SYS6ENV2	3b
Norm05	SYS6ENV2	3b
Norm06	SYS6ENV2	3b
Norm07	SYS6ENV2	20b
NPRES-1	SCP	29b
NWIL-1	SCP	29b
NWIL-2	SCP	26b
NWIL-3	SCP	29b
OATES-1	SCP	21b
OYR01	GRIFFIN	23b
OYR02	GRIFFIN	26b
PAGA-1	SCP	5
PAGA-2	SCP	13
PAGA-3	SCP	5
PAGA-4	SCP	21a
PAGA-5	SCP	17
PAGA-6	SCP	25
PAGA-7	SCP	21a
PAGA-8	SCP	25
page01	SYS6ENV2	3b
PAR1	GRIFFIN	27
PAYNE-1	SCP	4
PB-1	SCP	19a
PB-2	SCP	29b
PB-3	SCP	29b
PB-4	SCP	29b
PB-5	SCP	29b
PB-6	SCP	19a
PEARCE-1	SCP	6
PEARCE-2	SCP	3c
PEPB-1	SCP	30b
PEPGRV-1	SCP	30a2
PEPGRV-2	SCP	30a2
perth01	SYS6ENV	12
perth02	SYS6ENV	5
perth03	SYS6ENV	20b
perth04	SYS6ENV	23a
perth05	SYS6ENV	7
perth06	SYS6ENV	23a
perth07	SYS6ENV	20a
perth08	SYS6ENV2	23a
perth09	SYS6ENV2	23a
perth10	SYS6ENV2	4
Pind01	SYS6ENV2	3a
Pind02	SYS6ENV2	9
pinj01	SYS6ENV	s03

QUADRAT	STUDY	SWAFCT
pinj02	SYS6ENV	s03
pinj03	SYS6ENV	s03
pinj04	SYS6ENV	s03
pinj05	SYS6ENV	s02
pinj06	SYS6ENV	21a
pinj07	SYS6ENV	12
pinj08	SYS6ENV	23a
pinj09	SYS6ENV	5
pinj10	SYS6ENV	10a
pinj11	SYS6ENV	s03
pinj12	SYS6ENV	22
pinj13	SYS6ENV	s17
pinj14	SYS6ENV	23a
pinj15	SYS6ENV	s01
Pinn01	SYS6ENV2	28
Pinn02	SYS6ENV2	29a
Pinn03	SYS6ENV2	28
pip01	GJKENV	30b
Plant01	SYS6ENV2	10a
Plant02	SYS6ENV2	4
Plant03	SYS6ENV2	21b
PLINE-1	SCP	23b
PLINE-2	SCP	23b
PLINE-3	SCP	21a
PLINE-4	SCP	4
PLINE-5	SCP	5
PLINE-6	SCP	22
PLINE-7	SCP	21c
Possum1	SCP	16
Possum2	SCP	16
Possum3	SCP	30b
Possum4	SCP	30b
Possum5	SCP	17
PRES-1	SCP	29a
PTWALT-1	SCP	24
Punr01	SYS6ENV2	7
Punr02	SYS6ENV2	3a
Punr03	SYS6ENV2	10a
quinn01	SYS6ENV	s10
quinn02	SYS6ENV	28
quinn03	SYS6ENV	20d
quinn05	SYS6ENV	23c
quinn06	SYS6ENV	23c
quinn07	SYS6ENV	s10
quinn08	SYS6ENV	s08
quinn09	SYS6ENV	20d
R116701	SYS6ENV2	4
R116702	SYS6ENV2	21b
R116703	SYS6ENV2	1b
RAAF-1	SCP	23b
RAAF-2	SCP	23b
RAAF-3	SCP	23b
raven02	SYS6ENV2	s17
raven03	SYS6ENV2	21c
raven04	SYS6ENV2	s01
raven05	SYS6ENV2	22
Ravs01	SYS6ENV2	4
Redh01	SYS6ENV2	s08
Redh02	SYS6ENV2	s08

QUADRAT	STUDY	SWAFCT
Redh03	SYS6ENV2	s08
Redh04	SYS6ENV2	s08
Redh05	SYS6ENV2	s15
Redh06	SYS6ENV2	s08
Redh07	SYS6ENV2	s08
Redh09	SYS6ENV2	s08
Redh10	SYS6ENV2	s08
REDL-1	SCP	21a
RGR01	GRIFFIN	23b
RGR02	GRIFFIN	s02
RGR03	GRIFFIN	s10
RGR04	GRIFFIN	23b
RGR05	GRIFFIN	s09
RGR06	GRIFFIN	20d
rich01	SYS6ENV	19a
rich02	SYS6ENV	29a
RIVD-1	SCP	12
RIVD-2	SCP	21a
rott01	GJKENV	s11
rott02	GJKENV	29a
rott03	GJKENV	s12
rott04	GJKENV	s12
rott05	GJKENV	16
rott06	GJKENV	s12
rowe01	SCP	11
rowe02	SCP	4
RUAB-1	SCP	21b
RUAB-2	SCP	21b
RUAB-3	SCP	13
RUAB-4	SCP	7
Rush01	SYS6ENV2	20b
Rush02	SYS6ENV2	20b
Rush03	SYS6ENV2	3b
sams01	SYS6ENV	28
sand01	SYS6ENV	28
SANDON-1	SCP	16
SEAB-1	SCP	30a2
SEAB-2	SCP	29b
SEAB-3	SCP	29b
SEAB-4	SCP	29a
SEAB-5	SCP	29a
SEAB-6	SCP	28
SEAB-7	SCP	29b
SEAB-8	SCP	29a
serp01	SYS6ENV	3b
serp02	SYS6ENV	3b
serp03	SYS6ENV	3b
serp04	SYS6ENV	3b
SF01	GRIFFIN	23b
SF02	GRIFFIN	23b
SF03	GRIFFIN	21c
SF04	GRIFFIN	s02
SF1201	SYS6ENV2	2
SHE-1	SCP	26b
SHE-2	SCP	28
SHE-3	SCP	26b
SHE-4	SCP	26a
SHE-5	SCP	26a
SHE-6	SCP	26b

QUADRAT	STUDY	SWAFCT
SHENT-1	SCP	28
SINT-1	SCP	23b
smith01	SCP	10b
smith02	SCP	1a
smith03	SCP	1a
smith04	SCP	10b
star01	SYS6ENV	24
star02	SYS6ENV	24
star03	SYS6ENV	28
sultaa	SYS6ENV2	20a
Sunday01	SYS6ENV2	6
Sunday02	SYS6ENV2	21a
SVH-1	SCP	26a
SVH-2	SCP	27
SW01	GRIFFIN	s14
SW02	GRIFFIN	s13
SW03	GRIFFIN	s13
SW04	GRIFFIN	s13
SW05	GRIFFIN	s11
SW06	GRIFFIN	29b
SW07	GRIFFIN	29b
SW08	GRIFFIN	s11
SW09	GRIFFIN	s11
SW10	GRIFFIN	s11
SW11	GRIFFIN	29b
Swamp01	SYS6ENV2	5
Swamp02	SYS6ENV2	7
Swamp03	SYS6ENV2	s01
talb1	SCP	3c
talb2	SCP	20c
talb3	SCP	20c
talb4	SCP	3c
talb5	SCP	20c
talb6	SCP	20c
talb7	SCP	20c
talb8	SCP	20c
talb9	SCP	20c
talb10	SCP	20c
talb11	SCP	20c
talb12	SCP	3c
talb13	SCP	3c
TAM-1	SCP	21a
Tele01	SYS6ENV2	23a
THOM-2	SCP	24
tokyu01	SYS6ENV	25
tokyu02	SYS6ENV	26b
tokyu03	SYS6ENV	28
tokyu04	SYS6ENV	29b
tokyu05	SYS6ENV	26b
tokyu06	SYS6ENV	29b
tokyu07	SYS6ENV	29b
TR01	GRIFFIN	s14
TR02	GRIFFIN	s14
TR03	GRIFFIN	s13
TR04	GRIFFIN	s13
TR05	GRIFFIN	s13
TR06	GRIFFIN	s11
TR07	GRIFFIN	s11
TR08	GRIFFIN	s11

QUADRAT	STUDY	SWAFCT
TRIG-1	SCP	29b
TRIG-2	SCP	29a
TRIG-3	SCP	28
TRIG-4	SCP	28
TRIG-5	SCP	24
TRIG-6	SCP	24
trigg08	GJKENV	s15
TWIN-1	SCP	6
TWIN-2	SCP	6
TWIN-3	SCP	6
TWIN-4	SCP	6
TWIN-5	SCP	15
TWIN-7	SCP	21c
TWIN-8	SCP	21c
TWIN-10	SCP	15
TWIN-11	SCP	11
vines01	SYS6ENV2	25
vines02	SYS6ENV2	5
WABL-1	SCP	26a
WABL-2	SCP	26b
WABL-3	SCP	26b
WABL-4	SCP	28
WAND-1	SCP	23a
WARB-1	SCP	23a
WARB-2	SCP	22
WARB-3	SCP	23a
WARB-4	SCP	22
WARI-1	SCP	28
WARI-2	SCP	28
waro 01	SCP	3b
waro 02	SCP	3b
waro 03	SCP	8
waro 04	SCP	8
waro 05	SCP	10a
waro 06	SCP	3a
WATER-1	SCP	13
WATER-2	SCP	13
WATER-3	SCP	3c
WATER-4	SCP	8
WATERRD1	SCP	28
WELL-1	SCP	21a
WELL-2	SCP	21a
welr 01	SCP	9
welr 02	SCP	9
WHILL-1	SCP	29b
WHILL-2	SCP	29b
WHILL-3	SCP	27
WHILL-4	SCP	27
WHILL-5	SCP	26b
WHITE-1	SCP	23a
WHITE-2	SCP	4
white03	SYS6ENV	4
white04	SYS6ENV	s17
white05	SYS6ENV	21c
white06	SYS6ENV	23a
white07	SYS6ENV	22
white08	SYS6ENV	s17
wicher01	SCP	1a
wilb01	SYS6ENV	29b

QUADRAT	STUDY	SWAFCT
wilb02	SYS6ENV	s13
wilb03	SYS6ENV	29b
wilb04	SYS6ENV	26b
wilb05	SYS6ENV	27
wilb06	SYS6ENV	28
wilb07	SYS6ENV	28
wilb08	SYS6ENV	29b
wilb09	SYS6ENV	29b
wilb10	SYS6ENV	29b
wilb11	SYS6ENV	29a
wilb12	SYS6ENV	29b
wilb13	SYS6ENV	26b
will01	SCP	10b
will02	SCP	1a
will03	SCP	10b
will04	SCP	1a
wire01	SYS6ENV	28
wire02	SYS6ENV	28
WIRR-1	SCP	23a
WIRR-2	SCP	23a
WN019MNR	GRIFFIN	s19
WN020MNR	GRIFFIN	s19
WN021MNR	GRIFFIN	7
WN084CHE	GRIFFIN	23b
WN085CHE	GRIFFIN	s09
WN086CHE	GRIFFIN	23b
WN087CHE	GRIFFIN	s18
WN088CHE	GRIFFIN	s10
WN089CHE	GRIFFIN	23b
WN090HED	GRIFFIN	23b
WN091HED	GRIFFIN	s10
WN092HED	GRIFFIN	s18
WN093HED	GRIFFIN	23b
WN094HED	GRIFFIN	s04
WN095HED	GRIFFIN	s20
WN096HED	GRIFFIN	s20
WN097HED	GRIFFIN	s20
WN098WNR	GRIFFIN	s04
WN099WNR	GRIFFIN	s04
WN100WNR	GRIFFIN	23b
WN101WNR	GRIFFIN	s09
WN102MNR	GRIFFIN	s09
WN103MNR	GRIFFIN	s16
WN104MNR	GRIFFIN	s16
WN105MNR	GRIFFIN	s16
WN106MNR	GRIFFIN	s16
WN107MNR	GRIFFIN	s16
WN108MNR	GRIFFIN	s16
WN109MOR	GRIFFIN	s16
WN110MOR	GRIFFIN	s16
WN111MOR	GRIFFIN	s07
WN112MOR	GRIFFIN	s16
WN113MOR	GRIFFIN	s16
WN114MOR	GRIFFIN	s16
WN115MOR	GRIFFIN	s09
WN116MOR	GRIFFIN	s09
WN117MOR	GRIFFIN	s16
WONN-1	SCP	1a
WONN-2	SCP	1b

QUADRAT	STUDY	SWAFCT
WONN-3	SCP	9
WONN-4	SCP	10b
WONN-5	SCP	10b
WONN-6	SCP	10b
WOODP-1	SCP	30a2
WOODP-2	SCP	30a2
WOODV-1	SCP	28
WOODV-2	SCP	28
xbeer01	SYS6ENV2	24
xbeer02	SYS6ENV2	18
xlamb01	SYS6ENV2	20b
xpearce01	SYS6ENV	8
xpearce02	SYS6ENV	8
xpearce03	SYS6ENV	s08
xpearce04	SYS6ENV	s07
xpearce05	SYS6ENV	15
xyan08	GJKENV	30a2
xyan10	GJKENV	19b
YALG-1	SCP	26b
YALG-2	SCP	26b
YALG-3	SCP	27
YALG-4	SCP	27
YALG-5	SCP	27
YALG-6	SCP	26b
YALG-7	SCP	26b
YALG-8	SCP	27
YALLIN-1	SCP	1b
YAN-1	SCP	26b
YAN-2	SCP	26a
YAN-3	SCP	28
YAN-4	SCP	28
YAN-5	SCP	26b
YAN-6	SCP	28
YAN-8	SCP	28
YAN-9	SCP	28
YAN-10	SCP	26b
YAN-11	SCP	26b
YAN-12	SCP	26a
YAN-13	SCP	26a
YAN-14	SCP	26b
YAN-15	SCP	26a
YAN-16	SCP	26b
YAN-17	SCP	22
YAN-18	SCP	22
YAN-19	SCP	23b
YAN-20	SCP	23b
YAN-21	SCP	14
YAN-22	SCP	22
YAN-23	SCP	26b
YAN-24	SCP	26a
YAN-25	SCP	28
yang01	SYS6ENV2	15
yang02	SYS6ENV2	23a
yang03	SYS6ENV2	s01
yarl01	SCP	3c
yarl02	SCP	9
yarl03	SCP	3b
yarl04	SCP	20b
yela01	SYS6ENV	28

QUADRAT	STUDY	SWAFCT
yela02	SYS6ENV	s07
yela03	SYS6ENV	25
YIRON-1	SCP	10b
YIRON-2	SCP	10b
YOON-1	SCP	1b
YOON-2	SCP	2
YOON-3	SCP	7
YULE-1	SCP	23a
YULE-2	SCP	23a
YULE-3	SCP	21c
YULE-4	SCP	10a
YULE-5	SCP	7
YUR01	GRIFFIN	23c
YUR02	GRIFFIN	23c
yuri01	SYS6ENV	23c
yuri02	SYS6ENV	28
yuri03	SYS6ENV	23c
yuri04	SYS6ENV	11
yuri05	SYS6ENV	s17
zBEER 01	GRIFFIN	22
zBEER 02	GRIFFIN	s03
zBEER 03	GRIFFIN	23c
zBEER 04	GRIFFIN	23b
zYAN2	GRIFFIN	23c
zYAN4	GRIFFIN	26a
zYAN5	GRIFFIN	26a
zYAN6	GRIFFIN	23c

Table 4: Southern Swan Coastal Plain floristic community types.

These are as identified in Gibson *et al.* 1994, and in the System 6 and Part System 1 Update, DEP (1996) and published in Government of WA (2000).

Key**Column 1 Southern Swan Coastal Plain floristic community type codes**

The numbers of the types additional to Gibson *et al.* (1994) are italicised if they are subsets of an existing group (in types 19, 20, 23 and 30), and italicised and preceded by an S if they are supplementary groups.

Column 2 General description of southern Swan Coastal Plain floristic community types

Descriptions are based on generalised information from all plots in the group. Structural units are categorised into forest, woodlands, shrublands, sedgeland and herblands after Gibson *et al.* (1994).

Supergroup 1 - Foothills/Pinjarra Plain

1a	<i>Eucalyptus haematoxylon</i> - <i>E. marginata</i> woodlands on Whicher foothills
1b	Southern <i>Eucalyptus calophylla</i> woodlands on heavy soils
2	Southern wet shrublands
3a	<i>Eucalyptus calophylla</i> - <i>Kingia australis</i> woodlands on heavy soils
3b	<i>Eucalyptus calophylla</i> - <i>Eucalyptus marginata</i> woodlands on sandy clay soils
3c	<i>Eucalyptus calophylla</i> - <i>Xanthorrhoea preissii</i> woodlands and shrublands
S8	<i>Eucalyptus wandoo</i> woodlands (Scarp)

Supergroup 2 - Seasonal Wetlands

4	<i>Melaleuca preissiana</i> damplands
5	Mixed shrub damplands
6	Weed dominated wetlands on heavy soils
7	Herb rich saline shrublands in clay pans
8	Herb rich shrublands in clay pans
9	Dense shrublands on clay flats
10a	Shrublands on dry clay flats
10b	Shrublands on southern ironstones
11	Wet forests and woodlands
12	<i>Melaleuca teretifolia</i> and/or <i>Astartea</i> aff. <i>fascicularis</i> shrublands
13	Deeper wetlands on heavy soils
14	Deeper wetlands on sandy soils
15	Forests and woodlands of deep seasonal wetlands
16	Highly saline seasonal wetlands
17	<i>Melaleuca raphiophylla</i> - <i>Gahnia trifida</i> seasonal wetlands
18	Shrublands on calcareous silts
19a	Sedgeland in Holocene dune swales
19b	Woodlands over sedgeland in Holocene dune swales
S1	<i>Astartea</i> aff. <i>fascicularis</i> / <i>Melaleuca</i> species dense shrublands
S2	Northern <i>Pericalymma ellipticum</i> dense low shrublands
S3	Wet sedgeland on sandy clays
S4	<i>Regelia ciliata</i> Dandaragan Plateau wetlands
S5	<i>Acacia saligna</i> wetlands
S6	Northern dense low shrublands
S7	Northern woodlands to forests over tall sedgeland alongside permanent wetlands
S17	<i>Eucalyptus rudis</i> / <i>Agonis linearifolia</i> wetlands in Bassendean Dunes
S19	Dense tall shrublands
S20	Northern shrublands on sandy clays

Supergroup 3 - Uplands centred on Bassendean Dunes and the Dandaragan Plateau

20a	<i>Banksia attenuata</i> woodlands over species rich dense shrublands
20b	Eastern <i>Banksia attenuata</i> and/or <i>Eucalyptus marginata</i> woodlands
20c	Eastern shrublands and woodlands
20d	Dandaragan Plateau shrublands and woodlands
21a	Central <i>Banksia attenuata</i> - <i>Eucalyptus marginata</i> woodlands
21b	Southern <i>Banksia attenuata</i> woodlands
21c	Low lying <i>Banksia attenuata</i> woodlands or shrublands

22	<i>Banksia ilicifolia</i> woodlands
23a	Central <i>Banksia attenuata</i> - <i>Banksia menziesii</i> woodlands
23b	Northern <i>Banksia attenuata</i> - <i>Banksia menziesii</i> woodlands
23c	North-eastern <i>Banksia attenuata</i> - <i>Banksia menziesii</i> woodlands
S9	<i>Banksia attenuata</i> woodlands over dense low shrublands
S10	<i>Calothamnus sanguineus</i> dense low shrublands on sandy laterites
S16	Mixed dense shrublands on yellow brown sands
S18	<i>Eucalyptus marginata</i> / <i>Eucalyptus calophylla</i> woodlands on laterites

Supergroup 4 - Uplands centred on Spearwood and Quindalup Dunes

Centred on Spearwood Dunes	
24	Northern Spearwood shrublands and woodlands
25	Southern <i>Eucalyptus gomphocephala</i> – <i>Agonis flexuosa</i> woodlands
26a	<i>Melaleuca huegelii</i> - <i>Melaleuca acerosa</i> shrublands on Limestone ridges
26b	Woodlands and mallees on Limestone
27	Species poor mallees and shrublands on Limestone
28	Spearwood <i>Banksia attenuata</i> or <i>Banksia attenuata</i> - <i>Eucalyptus</i> woodlands
Centred on Quindalup Dunes	
29a	Coastal shrublands on shallow sands
29b	<i>Acacia</i> shrublands on taller dunes
30a2	<i>Callitris preissii</i> and/or <i>Melaleuca lanceolata</i> forests and woodlands
30c2	Woodlands and shrublands on Holocene dunes (re-allocated from 30c)
30b	Quindalup <i>Eucalyptus gomphocephala</i> and/or <i>Agonis flexuosa</i> woodlands
S11	Northern <i>Acacia rostellifera</i> - <i>Melaleuca acerosa</i> shrublands
S12	Rottneest Island <i>Melaleuca lanceolata</i> and/or <i>Callitris preissii</i> forests and woodlands
S13	Northern <i>Olearia axillaris</i> - <i>Scaevola crassifolia</i> shrublands
S14	<i>Spinifex longifolius</i> grassland and low shrublands
S15	Weed group Not allied with any supergroup

4 LIST OF SPECIES

The native and weed species recorded in each quadrat are listed in this dataset; species adjacent to quadrats were recorded in the surveys but are not listed here.

Some species names are different to those listed in Gibson *et al.* (1994) since the taxonomy from that dataset has been updated by Greg and Bronwen Keighery over several years to create this list. Taxonomy used here (including family names) is that which was current on June 23, 2005, when this list was compiled.

5 DATASET FIELDS

The fields in the dataset are listed in Table 5. As GPS positioning systems were inherently inaccurate prior to 1996, with at least a 100 m inaccuracy, further work was undertaken to improve the spatial accuracy of the quadrat locations in this dataset as detailed in Table 6.

Table 5: Fields in this 2005 dataset.

QUADRAT	Unique quadrat or releve name. See Table 3.
STUDY	Floristic study or quadrat set code. See Error! Reference source not found. , Table 2, Table 3.
SWAFCT	Southern Swan Coastal Plain Floristic Community Type. See Table 3, Table 4.
TAXON_ID	These are unique number codes for each taxon name. Positive TAXON_IDS are from the Census of Western Australian Plants (Western Australian Herbarium 2005; Gioia 2005); negative TAXON_IDS are supplementary taxa names (Keighery <i>et al.</i> 2009).
ORIG_FAMILY	Family names current as at June 23, 2005.
NATURALISED	Weed species are indicated by * (Western Australian Herbarium 2005; Keighery <i>et al.</i> 2009).
PLANT_NAME	Scientific plant name: genus, species, infra rank, infra species name, informal. Some species names may be modified from original sources of information, for example, Gibson <i>et al.</i> (1994) and various reports. Some

	taxa yet to be formally described and named may have a reference collection number from the relevant collector. Names current as at June 23, 2005.
X	X coordinate (longitude) of quadrat (GDA94, MGA Zone 50). Note that the positional accuracy of the GIS X and Y fields is 1:20,000, verified by aerial photo inspection. Quadrats were located in different systems with variable base accuracy. Some quadrats will have an improved positional accuracy (1: 5,000). See Table 6 for further information on positioning, and repositioning, of quadrats for the various studies.
Y	Y coordinate (latitude) of quadrat (GDA94). See note in X field above.
PRPBP_REF_SITE	'PRPBP' indicates that this quadrat was included in the Perth Region Plant Biodiversity Project (PRPBP) that established 40 Bush Forever Reference Sites with updated information about this quadrat. PRPBP was a collaborative project between the Western Australian Local Government Association (WALGA) Perth Biodiversity Project, the Department of Environment and the Department of Conservation and Land Management. The project presented and developed the extensive existing knowledge of plant biodiversity information available for the Perth region to aid Local Government and others in understanding, protecting and managing Perth's unique biodiversity. The PRPBP compiled and published on the web information and photo reference points for a selection of Bush Forever Reference Sites representative of ecosystems across the metropolitan SCP. See the WALGA website (bbp.walga.asn.au/Home.aspx) for more information.

Table 6: Accuracy of Quadrat locations for the studies.

Study Code or Quadrat Set Code	Methodology for positioning of Quadrats
SCP	Quadrats initially positioned from GPS data provided in Gibson <i>et al.</i> (1994) then repositioned on the GIS system by N Thorning, M Lyons and BJ Keighery from mud maps on field datasheets and field knowledge of the quadrats. Quadrats included in the PRPBP Reference Sites were reassessed in 2004 by K Clarke with the support of B Keighery and repositioned where there were still discrepancies between the original mud maps on field datasheets, original marking of quadrat locations on 1:20 000 aerial photographs and the original description of the vegetation unit on field datasheets in conjunction with revisits to the sites.
SYS6ENV SYS6ENV2	Quadrats initially positioned from GPS data collected in the field then repositioned on the GIS system by N Thorning and BJ Keighery from mud maps on field datasheets and field knowledge of the quadrats. Quadrats included in the PRPBP Reference Sites were reassessed in 2004 by K Clarke with the support of B Keighery and repositioned where there were still discrepancies between the original mud maps on field datasheets, original marking of quadrat locations on 1:20 000 aerial photographs and the original description of the vegetation unit on field datasheets in conjunction with revisits to the sites.
GRIFFIN	Quadrats positioned from location data provided by Griffin with the quadrat database
GJKENV	Quadrats positioned from field maps provided by GJ Keighery

6 LIMITATIONS

This is an extract of the floristic database that combined all the studies' results as it stood in the database in 2005; substantial work has been done since, and further work may continue to be done in the future. Consequently the taxa names are not necessarily all correct or current.

Please note the "proviso" stated in the introduction.

7 REFERENCING

This dataset should be referenced as:

Keighery BJ, Keighery GJ, Longman VM and Clarke KA 2012 *Native and Weed Flora of the Southern Swan Coastal Plain: 2005 Dataset*. Department of Environment and Conservation, Kensington, Western Australia.

8 REFERENCES

Gibson N, Keighery BJ, Keighery GJ, Burbidge AH and Lyons MN 1994 *A Floristic Survey of the Southern Swan Coastal Plain*. Unpublished Report for the Australian Heritage Commission prepared by the Department of Conservation and Land Management and the Conservation Council of Western Australia (Inc.).

Weed and Native Flora of the Southern Swan Coastal Plain: 2005 Dataset (Keighery *et al.* 2012)

Gioia P 2005 Max V3 User's Guide. Department of Environment and Conservation, Perth, Western Australian.

Government of Western Australia 2000 *Bush Forever Volume 2*. Directory of Bush Forever Sites. Published by the Department of Environmental Protection, Perth, WA.

Government of Western Australia 2006 Wildlife Conservation Act 1950 Wildlife Conservation (Rare Flora) Notice 2006(2). *Western Australian Government Gazette*, Perth, pp 5311-5317.

Griffin EA 1993 *Flora of the Quindalup Dunes between the Swan and Irwin Rivers, Western Australia*. Unpublished report to the Coastal Planning Branch, the Department of Planning and Urban Development and the Heritage Council of WA, East Perth, Western Australia.

Griffin EA 1994 *Floristic Survey of Northern Sandplains between Perth and Geraldton*. Unpublished report to the Heritage Council of WA for the Australian Heritage Commission, Canberra, Australian Capital Territory.

Keighery BJ, Keighery GJ, Longman VM and Clarke KA 2009 Database *Native and Weed Flora of the Southern Swan Coastal Plain*. Database and associated notes in preparation for publication.

Keighery GJ 1996 *Plot records from Tuart dominated communities*. Unpublished database. Department of Conservation and Land Management, Wanneroo, WA.

SEWPC 2012 *Australia's Bioregions (IBRA)* on the website of the Department of Sustainability, Environment, Water, Population and Communities:
<http://www.environment.gov.au/parks/nrs/science/bioregion-framework/ibra/index.html> [Accessed on 22.09.2012]

Trudgen ME and Keighery BJ 1995 *A Survey of the Remnant Vegetation of the City of Gosnells West of the Darling Scarp*. Unpublished report prepared for the City of Gosnells, Western Australia.

Western Australian Herbarium 1998b- *FloraBase – The Western Australian Flora: Western Australian Flora Conservation Taxa*. Department of Environment and Conservation, Perth.
Available at <http://florabase.calm.wa.au/conservationtaxa> [Accessed on 22.11.2007]

Western Australian Herbarium 2005 Database *Western Australian Plant Census*. Department of Environment and Conservation, Perth, Western Australia.

Weston AS, Griffin EA and Trudgen M 1993 *Flora and Vegetation Conservation Values of the Ellenbrook Estate*. Conducted for Bowman Bishaw Gorham 1993.