

*SHOW: South West Flora Character List Revised 29 October 1993

*CHARACTER LIST

#1. <supra group>/

1. fern/
2. cycad/
3. conifer/
4. monocot/
5. dicot/

#2. <origin> <whether native to SW region>/

1. native/
2. naturalised/

#3. <Beard subdistrict> <Western Australian South-west Province, Darling District>/

1. Dale Division/
2. Drummond Division/
3. Menzies Division/
4. Warren Division/

#4. <National Parks> <voucher specimens available>/

1. Leeuwin-Naturaliste/
2. Scott River/
3. D'entrecasteaux/
4. Beedelup/
5. Warren/
6. Shannon/
7. Mt Frankland/
8. Walpole-Nornalup/
9. William Bay/
10. West Cape Howe/
11. Torndirrup/

(possibly naturalised)

#5. <National Parks> <voucher specimens not available>/

1. Leeuwin-Naturaliste/-
2. Scott River/
3. D'entrecasteaux/
4. Beedelup/
5. Warren/
6. Shannon/
7. Mt Frankland/
8. Walpole-Nornalup/
9. William Bay/
10. West Cape Howe/
11. Torndirrup/

#6. flowers <flowering period>/

1. January/
2. February/
3. March/
4. April/
5. May/
6. June/
7. July/
8. August/
9. September/

- 10. October/
- 11. November/
- 12. December/

#7. <vegetation type>/

- 1. coastal heath/
- 2. swamp/
- 3. shrubland/
- 4. woodland/
- 5. karri forest/
- 6. jarrah forest/
- 7. other/
- 8. heath <not coastal>/
- 9. granite rocks/

10. Riverine
 11. Estuarine

(disturbed areas)

#8. <text> <date> compiled/

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#9. <C> <S> <plant> <habit>/

- 1. tree/
- 2. tree-like/
- 3. shrub/
- 4. climber/
- 5. herb/
- 6. grass-like/
- 7. <other, specify>/

8. Sedge or rush-like

#10. <19> <plant> <longevity in herbs>/

- 1. annual/
- 2. biennial/
- 3. perennial/

#11. <C> <541> <plant> <height, m, including inflorescence>/
m high/ *0.5-1m*

#12. <29?> <plant> <whether aquatic or terrestrial>/

- 1. aquatic <hydrophytic>/
- 2. terrestrial <implicit>/

#13. <30> <hydrophytic habit>/

- 1. marine/
- 2. non-marine/

#14. <32> leaves <of rooted hydrophytes> <habit>/

- 1. submerged/
- 2. emergent/
- 3. floating/

#15. <C> <12> leaves <including phyllodes, presence>/

- 1. present <implicit>/
- 2. much reduced/
- 3. absent/

#16. leaves <whether fasciculate>/

- 1. fasciculate/
- 2. not fasciculate <implicit>/

#17. <36> leaves <insertion, score "scattered; crowded" as U, with comment>/

- 1. alternate/

2. opposite/
3. whorled/
- #18. <37> leaves <phyllotaxy, when alternate>/
1. spiral/
2. distichous/
3. 4-ranked/
4. 3-ranked <tristichous>/
- #19. leaves <opposite, whether decussate>/
1. decussate/
2. not decussate <implicit>/
- #20. <64?> stipule <presence>/
1. present <well developed, leaves stipulate>/
2. absent <or much reduced, leaves exstipulate>/
- #21. <42> leaves <whether petiolate>/
1. petiolate/
2. subsessile/
3. sessile/
4. perfoliate/
- #22. <C> <542> leaves <total leaf length, mm>/
mm long/ 400-800
- #23. <C> <543> leaves <total leaf width, mm>/
mm wide/ 30-50 mm
- #24. <C> <50> leaves <whether simple or compound>/
1. simple <implicit>/
2. compound/
- #25. <56> <simple leaves> blade <dissection>/
1. dissected/
2. entire <apart from margin>/
- #26. <simple leaves> <shape> <ref: Flora of the Perth Region>/
1. narrowly elliptic/
2. elliptic/
3. broadly elliptic/
4. circular elliptic/
5. transversely broadly elliptic/
6. transversely elliptic/
7. narrowly oblong/
8. oblong/
9. broadly oblong/
10. square/
11. transversely broadly oblong/
12. transversely oblong/
13. narrowly rhombic/
14. rhombic/
15. broadly rhombic/
16. quadrate/
17. transversely broadly rhombic/
18. transversely rhombic/
19. narrowly ovate/
20. ovate/

21. broadly ovate/
22. very broadly ovate/
23. depressed ovate/
24. narrowly obovate/
25. obovate/
26. broadly obovate/
27. very broadly obovate/
28. depressed obovate/
29. narrowly trullate/
30. trullate/
31. broadly trullate/
32. very broadly trullate/
33. depressed trullate/
34. narrowly obtrullate/
35. obtrullate/
36. broadly obtrullate/
37. very broadly obtrullate/
38. depressed obtrullate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtriangular/
45. obtriangular/
46. broadly obtriangular/
47. obdeltate/
48. shallowly obtriangular/
49. linear/
50. subulate/
51. <other - specify>/
52. filiform/

#27. <simple leaves> <whether twisted>/

1. twisted/
2. not twisted/

#28. <simple leaves> margins <whether ciliate>/

1. ciliate/
2. not ciliate/

#29. <39?> <leaves> blade <mature form>/

1. flat/
2. folded lengthwise/
3. concave/
4. convex/
5. involute/
6. revolute/
7. terete/
8. semi-terete/
9. 3-angled/
10. 4-angled/
11. compressed/

#30. <71?> <simple leaves> margins/

1. entire/
2. crenate/
3. serrate/

4. dentate/
5. denticulate/

6. spiny-toothed

#31. <542> <simple leaves> blade <length, mm>/
mm long/ 400 - 800

#32. <543> <simple leaves> blade <width, mm>/
mm wide/ 30 - 50

#33. <53> leaves <compound form>/

1. unifoliate/
2. ternate/
3. pinnate/
4. palmate/
5. bipinnate/
6. multipinnate <multiply compound>/

#34. <compound leaves> <leaflet shape> <ref: Flora of the Perth Region>/

1. narrowly elliptic/
2. elliptic/
3. broadly elliptic/
4. circular elliptic/
5. transversely broadly elliptic/
6. transversely elliptic/
7. narrowly oblong/
8. oblong/
9. broadly oblong/
10. square/
11. transversely broadly oblong/
12. transversely oblong/
13. narrowly rhombic/
14. rhombic/
15. broadly rhombic/
16. quadrate/
17. transversely broadly rhombic/
18. transversely rhombic/
19. narrowly ovate/
20. ovate/
21. broadly ovate/
22. very broadly ovate/
23. depressed ovate/
24. narrowly obovate/
25. obovate/
26. broadly obovate/
27. very broadly obovate/
28. depressed obovate/
29. narrowly trullate/
30. trullate/
31. broadly trullate/
32. very broadly trullate/
33. depressed trullate/
34. narrowly obtrullate/
35. obtrullate/
36. broadly obtrullate/
37. very broadly obtrullate/
38. depressed obtrullate/
39. narrowly triangular/
40. triangular/

41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtriangular/
45. obtriangular/
46. broadly obtriangular/
47. obdeltate/
48. shallowly obtriangular/
49. linear/
50. subulate/
51. <other - specify>/
52. filiform/

#35. <compound leaves> <leaflet> margin/

1. entire/
2. crenate/
3. serrate/
4. dentate/
5. denticulate/

6. spiny toothed

#36. <compound leaves> <leaflet margins> <whether ciliate>/

1. ciliate/
2. not ciliate/

#37. <544> <compound leaves> leaflet blade <ultimate length, mm>/
mm long/

#38. <545> <compound leaves> leaflet blade <ultimate width, mm>/
mm wide/

#39. <C> <546> flowers <overall inflorescence colour>/

1. green/
2. white/
3. cream/
4. yellow/
5. orange/
6. red/
7. pink/
8. purple/
9. violet/
10. blue/
11. brown/
12. black/
13. other/

#40. flowers <shape> <casual character>/

1. 3-petal/
2. 4-petal/
3. 5-petal/
4. 6-petal/
5. pea flower/
6. wattle/
7. eucalypt/
8. daisy/
9. dandelion-daisy/
10. clustered/
11. other/
12. spikelet/

#41. <C> <175> flowers <arrangement>/

- 1. solitary/
- 2. aggregated <into inflorescences>/

#42. <C> <176> flowers in <inflorescence type>/

- 1. cymes/
- 2. racemes/
- 3. spikes/
- 4. heads/
- 5. umbels/
- 6. corymbs/
- 7. fascicles/
- 8. panicles/
- 9. verticils/
- 10. glomerules/
- 11. catkins/
- 12. <other - specify>/

#43. <plant sexuality>/

- 1. hermaphrodite <flowers bisexual, implicit>/
- 2. monoecious <separate male and female flowers on same plant>/
- 3. dioecious <plants with either all male or all female flowers>/
- 4. other <specify>/

#44. <186> <flowers> bracts <whether bracteate>/

- 1. present/
- 2. absent/

#45. <188> <flowers> bracteoles <whether bracteolate>/

- 1. present/
- 2. absent/

#46. <207> floral whorls <presence or absence of perianth>/

- 1. two distinct whorls <calyx and corolla>/
- 2. intergrading calyx to corolla/
- 3. one whorl only (calyx) = corolla absent/
- 4. one whorl only (corolla) - calyx absent/
- 5. one whorl of uncertain origin <floral whorl or perianth>/
- 6. two whorls of uncertain origin <perianth in monocots>/
- 7. vestigial <reduced to bracts, scales, bristles, hairs or lodicules>/
- 8. absent/

#47. <202> floral tube <presence>/

- 1. present/
- 2. absent <implicit>/

#48. <219> calyx ^{or outer perianth} <number of parts>/

#49. <222> calyx ^{or outer perianth} <whether parts joined or free>/

- 1. free <or almost so> <polysepalous>/
- 2. of joined and free segments <partially gamosepalous>/
- 3. joined <gamosepalous>/

#50. calyx ^{or outer perianth} <length, mm>/

mm long/

#51. <236> corolla ^{or inner perianth} <number of parts>/

segments/

- #52. <240> corolla ^{or inner perianth} <whether parts joined or free>/
 1. free <or almost so> <polysepalous>/
 2. of joined and free segments <partially gamosepalous>/
 3. joined <gamosepalous>/
- #53. <246?> corolla ^{or inner perianth} <where segments joined, shape>/
 1. rotate/
 2. 2-lipped/
 3. campanulate/
 4. tubular/
 5. urceolate/
 6. trumpet-like/
 7. spurred/
 8. ligulate/
 9. lobed/
- #54. <255?> petals ^{or inner perianth} <or corolla lobes, whether incised>/
 1. deeply bifid/
 2. 2-lobed/
 3. fringed/
 4. entire/
 5. emarginate/
 6. several lobed/
 7. <other, specify>
- #55. corolla ^{or inner perianth} <length, mm>/
 mm long/
- #56. <271> stamens <fertile, number>/ 6
- #57. <269> staminodes <number>/ none
- #58. <265?> stamens <freedom>/
 1. free/
 2. fused/
 3. some fused and some free/
- #59. stamens <insertion>/ (fused to perianth for 20-30mm)
 1. opposite sepals/
 2. opposite petals/
 3. in continuous whorl/
 4. on corolla tube/
 5. in corolla throat/
 6. free from corolla/
- #60. <283?> anthers dehiscing <mechanism>/
 1. by pores/
 2. by vertical slits/
 3. by transverse slits/
 4. by valves/
 5. <other, specify>/
- #61. <316> ovary <gynoecium, constitution>/
 1. monomerous <of a single carpel>/
 2. apocarpous <of two or more free carpels>/
 3. syncarpous <of two or more fused or partly fused carpels>/

#62. <318> ovary <position>/

1. superior/
2. partly inferior/
3. inferior/

#63. <326> ovary <locule number of syncarpous gynoecia>/

locular/ 3

#64. <333?> styles <number>/ 1

#65. <336?> styles <insertion>/

1. apical/
2. lateral/
3. gynobasic/

#66. styles <whether simple or branched>/

1. simple/
2. branched/

#67. styles <number of branches>/

branches/

#68. <?379, 381, 382> fruit <type>/

1. legume/
2. loment/
3. follicle/
4. achene/
5. samara/
6. nut/
7. drupe/
8. berry/
9. mericarps/
10. capsule/
11. silicule/
12. siliqua/
13. caryopsis/
14. <other, specify>/

#69. <?378, 380> fruit <whether dehiscent>/

1. dehiscent/
2. indehiscent/

#70. fruit <length, mm>/
mm long/

25-33mm

#71. fruit <width, mm>/
mm wide/

#72. <text> <complete description, added only at completion of flora>/

Floral whorl or

#73. [perianth (no of parts)] 6

Floral whorl or

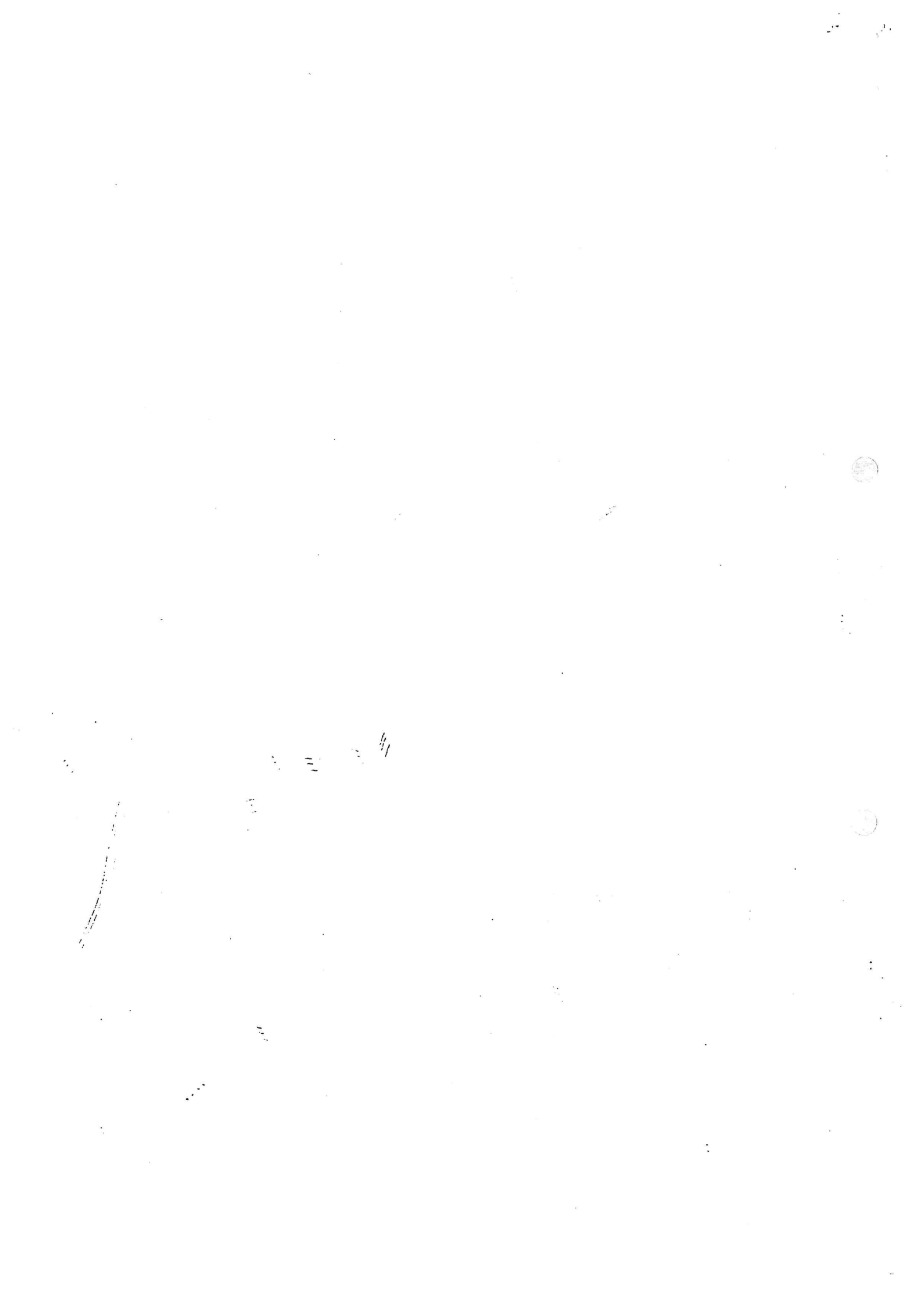
#74. [perianth (joined or free)]

1. Free

2. Joined

#75. [perianth (length, mm)]

40-60mm



Allium ampeloprasum L. ALLIACEAE

*SHOW: South West Flora Character List Revised 29 October 1993

*CHARACTER LIST

#1. <supra group>/

1. fern/
2. cycad/
3. conifer/
4. monocot/
5. dicot/

#2. <origin> <whether native to SW region>/

1. native/
2. naturalised/

#3. <Beard subdistrict> <Western Australian South-west Province, Darling District>/

1. Dale Division/
2. Drummond Division/
3. Menzies Division/
4. Warren Division/

#4. <National Parks> <voucher specimens available>/

1. Leeuwin-Naturaliste/
2. Scott River/
3. D'entrecasteaux/
4. Beedelup/
5. Warren/
6. Shannon/
7. Mt Frankland/
8. Walpole-Nornalup/
9. William Bay/
10. West Cape Howe/
11. Torndirrup/

#5. <National Parks> <voucher specimens not available>/

1. Leeuwin-Naturaliste/-
2. Scott River/
3. D'entrecasteaux/
4. Beedelup/
5. Warren/
6. Shannon/
7. Mt Frankland/
8. Walpole-Nornalup/
9. William Bay/
10. West Cape Howe/
11. Torndirrup/

#6. flowers <flowering period>/

1. January/
2. February/
3. March/
4. April/
5. May/
6. June/
7. July/
8. August/
9. September/

- 10. October/
- 11. November/
- 12. December/

- #7. <vegetation type>/
- 1. coastal heath/
 - 2. swamp/
 - 3. shrubland/
 - 4. woodland/
 - 5. karri forest/
 - 6. jarrah forest/
 - 7. other/
 - 8. heath <not coastal>/
 - 9. granite rocks/

10. Riverine
11. Estuarine

disturbed, damp

#8. <text> <date> compiled/ *29 JUNE 94*

- #9. <C> <5> <plant> <habit>/
- 1. tree/
 - 2. tree-like/
 - 3. shrub/
 - 4. climber/
 - 5. herb/
 - 6. grass-like/
 - 7. <other, specify>/

8. Sedge or rush-like

- #10. <19> <plant> <longevity in herbs>/
- 1. annual/
 - 2. biennial/
 - 3. perennial/

#11. <C> <541> <plant> <height, m, including inflorescence>/
m high/ *0.45-1.8m*

- #12. <29?> <plant> <whether aquatic or terrestrial>/
- 1. aquatic <hydrophytic>/
 - 2. terrestrial <implicit>/

- #13. <30> <hydrophytic habit>/
- 1. marine/
 - 2. non-marine/

- #14. <32> leaves <of rooted hydrophytes> <habit>/
- 1. submerged/
 - 2. emergent/
 - 3. floating/

- #15. <C> <12> leaves <including phyllodes, presence>/
- 1. present <implicit>/
 - 2. much reduced/
 - 3. absent/

- #16. leaves <whether fasciculate>/
- 1. fasciculate/
 - 2. not fasciculate <implicit>/

- #17. <36> leaves <insertion, score "scattered; crowded" as U, with comment>/
- 1. alternate/

2. opposite/
3. whorled/
- #18. <37> leaves <phyllotaxy, when alternate>/
1. spiral/
2. distichous/
3. 4-ranked/
4. 3-ranked <tristichous>/
- #19. leaves <opposite, whether decussate>/
1. decussate/
2. not decussate <implicit>/
- #20. <64?> stipule <presence>/
1. present <well developed, leaves stipulate>/
2. absent <or much reduced, leaves exstipulate>/
- #21. <42> leaves <whether petiolate>/
1. petiolate/
2. subsessile/
3. sessile/ *base a closed sheath.*
4. perfoliate/
- #22. <C> <542> leaves <total leaf length, mm>/
mm long/ *100-800*
- #23. <C> <543> leaves <total leaf width, mm>/
mm wide/ *5-40*
- #24. <C> <50> leaves <whether simple or compound>/
1. simple <implicit>/
2. compound/
- #25. <56> <simple leaves> blade <dissection>/
1. dissected/
2. entire <apart from margin>/
- #26. <simple leaves> <shape> <ref: Flora of the Perth Region>/
1. narrowly elliptic/
2. elliptic/
3. broadly elliptic/
4. circular elliptic/
5. transversely broadly elliptic/
6. transversely elliptic/
7. narrowly oblong/
8. oblong/
9. broadly oblong/
10. square/
11. transversely broadly oblong/
12. transversely oblong/
13. narrowly rhombic/
14. rhombic/
15. broadly rhombic/
16. quadrate/
17. transversely broadly rhombic/
18. transversely rhombic/
19. narrowly ovate/
20. ovate/

21. broadly ovate/
22. very broadly ovate/
23. depressed ovate/
24. narrowly obovate/
25. obovate/
26. broadly obovate/
27. very broadly obovate/
28. depressed obovate/
29. narrowly trullate/
30. trullate/
31. broadly trullate/
32. very broadly trullate/
33. depressed trullate/
34. narrowly obtrullate/
35. obtrullate/
36. broadly obtrullate/
37. very broadly obtrullate/
38. depressed obtrullate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtriangular/
45. obtriangular/
46. broadly obtriangular/
47. obdeltate/
48. shallowly obtriangular/
49. linear/
50. subulate/
51. <other - specify>/
52. filiform/

#27. <simple leaves> <whether twisted>/

1. twisted/
2. not twisted/

#28. <simple leaves> margins <whether ciliate>/

1. ciliate/
2. not ciliate/

#29. <39?> <leaves> blade <mature form>/

1. flat/ (or channelled)
2. folded lengthwise/
3. concave/
4. convex/
5. involute/
6. revolute/
7. terete/
8. semi-terete/
9. 3-angled/
10. 4-angled/
11. compressed/

#30. <71?> <simple leaves> margins/

1. entire/
2. crenate/
3. serrate/

4. dentate/
5. denticulate/

6. spiny-toothed

#31. <542> <simple leaves> blade <length, mm>/
mm long/ 100-800

#32. <543> <simple leaves> blade <width, mm>/
mm wide/ 5-40

#33. <53> leaves <compound form>/

1. unifoliate/
2. ternate/
3. pinnate/
4. palmate/
5. bipinnate/
6. multipinnate <multiply compound>/

#34. <compound leaves> <leaflet shape> <ref: Flora of the Perth Region>/

1. narrowly elliptic/
2. elliptic/
3. broadly elliptic/
4. circular elliptic/
5. transversely broadly elliptic/
6. transversely elliptic/
7. narrowly oblong/
8. oblong/
9. broadly oblong/
10. square/
11. transversely broadly oblong/
12. transversely oblong/
13. narrowly rhombic/
14. rhombic/
15. broadly rhombic/
16. quadrate/
17. transversely broadly rhombic/
18. transversely rhombic/
19. narrowly ovate/
20. ovate/
21. broadly ovate/
22. very broadly ovate/
23. depressed ovate/
24. narrowly obovate/
25. obovate/
26. broadly obovate/
27. very broadly obovate/
28. depressed obovate/
29. narrowly trullate/
30. trullate/
31. broadly trullate/
32. very broadly trullate/
33. depressed trullate/
34. narrowly obtrullate/
35. obtrullate/
36. broadly obtrullate/
37. very broadly obtrullate/
38. depressed obtrullate/
39. narrowly triangular/
40. triangular/

41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtriangular/
45. obtriangular/
46. broadly obtriangular/
47. obdeltate/
48. shallowly obtriangular/
49. linear/
50. subulate/
51. <other - specify>/
52. filiform/

#35. <compound leaves> <leaflet> margin/

1. entire/
2. crenate/
3. serrate/
4. dentate/
5. denticulate/

6. spiny toothed

#36. <compound leaves> <leaflet margins> <whether ciliate>/

1. ciliate/
2. not ciliate/

#37. <544> <compound leaves> leaflet blade <ultimate length, mm>/
mm long/

#38. <545> <compound leaves> leaflet blade <ultimate width, mm>/
mm wide/

#39. <C> <546> flowers <overall inflorescence colour>/

1. green/

2. white/ to

3. cream/

4. yellow/

5. orange/

6. red/

7. pink/ or

8. purple/

9. violet/

10. blue/

11. brown/

12. black/

13. other/

#40. flowers <shape> <casual character>/

1. 3-petal/

2. 4-petal/

3. 5-petal/

4. 6-petal/

5. pea flower/

6. wattle/

7. eucalypt/

8. daisy/

9. dandelion-daisy/

10. clustered/

11. other/

12. spikelet/

#41. <C> <175> flowers <arrangement>/

- 1. solitary/
- 2. aggregated <into inflorescences>/

#42. <C> <176> flowers in <inflorescence type>/

- 1. cymes/
- 2. racemes/
- 3. spikes/
- 4. heads/
- 5. umbels/
- 6. corymbs/
- 7. fascicles/
- 8. panicles/
- 9. verticils/
- 10. glomerules/
- 11. catkins/
- 12. <other - specify>/

#43. <plant sexuality>/

- 1. hermaphrodite <flowers bisexual, implicit>/
- 2. monoecious <separate male and female flowers on same plant>/
- 3. dioecious <plants with either all male or all female flowers>/
- 4. other <specify>/

#44. <186> <flowers> bracts <whether bracteate>/

- 1. present/
- 2. absent/

#45. <188> <flowers> bracteoles <whether bracteolate>/

- 1. present/
- 2. absent/

#46. <207?> floral whorls <presence or absence of perianth>/

- 1. two distinct whorls <calyx and corolla>/
- 2. intergrading calyx to corolla/
- 3. one whorl only (calyx) = corolla absent/
- 4. one whorl only (corolla) - calyx absent/
- 5. one whorl of uncertain origin <floral whorl or perianth>/
- 6. two whorls of uncertain origin <perianth in monocots>/
- 7. vestigial <reduced to bracts, scales, bristles, hairs or lodicules>/
- 8. absent/

#47. <202> floral tube <presence>/

- 1. present/
- 2. absent <implicit>/

#48. <219> calyx ^{or outer perianth} <number of parts>/

#49. <222> calyx ^{or outer perianth} <whether parts joined or free>/

- 1. free <or almost so> <polysepalous>/
- 2. of joined and free segments <partially gamosepalous>/
- 3. joined <gamosepalous>/

#50. calyx ^{or outer perianth} <length, mm>/
mm long/

#51. <236> corolla ^{or inner perianth} <number of parts>/

segments/

- #52. <240> corolla ^{or inner perianth} <whether parts joined or free>/
1. free <or almost so> <polysepalous>/
 2. of joined and free segments <partially gamosepalous>/
 3. joined <gamosepalous>/
- #53. <246?> corolla ^{or inner perianth} <where segments joined, shape>/
1. rotate/
 2. 2-lipped/
 3. campanulate/
 4. tubular/
 5. urceolate/
 6. trumpet-like/
 7. spurred/
 8. ligulate/
 9. lobed/
- #54. <255?> petals ^{or inner perianth} <or corolla lobes, whether incised>/
1. deeply bifid/
 2. 2-lobed/
 3. fringed/
 4. entire/
 5. emarginate/
 6. several lobed/
 7. <other, specify>
- #55. corolla ^{or inner perianth} <length, mm>/
mm long/
- #56. <271> stamens <fertile, number>/ 6
- #57. <269> staminodes <number>/ none
- #58. <265?> stamens <freedom>/
1. free/
 2. fused/
 3. some fused and some free/
- #59. stamens <insertion>/
1. opposite sepals/
 2. opposite petals/
 3. in continuous whorl/
 4. on corolla tube/
 5. in corolla throat/
 6. free from corolla/
- (on base of perianth)
- #60. <283?> anthers dehiscing <mechanism>/
1. by pores/
 2. by vertical slits/
 3. by transverse slits/
 4. by valves/
 5. <other, specify>/
- #61. <316> ovary <gynoecium, constitution>/
1. monomerous <of a single carpel>/
 2. apocarpous <of two or more free carpels>/
 3. syncarpous <of two or more fused or partly fused carpels>/

#62. <318> ovary <position>/

1. superior/
2. partly inferior/
3. inferior/

#63. <326> ovary <locule number of syncarpous gynoecia>/
locular/ 3

#64. <333?> styles <number>/ 1

#65. <336?> styles <insertion>/

1. apical/
2. lateral/
3. gynobasic/

#66. styles <whether simple or branched>/

1. simple/
2. branched/

#67. styles <number of branches>/
branches/

#68. <?379, 381, 382> fruit <type>/

1. legume/
2. loment/
3. follicle/
4. achene/
5. samara/
6. nut/
7. drupe/
8. berry/
9. mericarps/
10. capsule/
11. silicule/
12. siliqua/
13. caryopsis/
14. <other, specify>/

#69. <?378, 380> fruit <whether dehiscent>/

1. dehiscent/
2. indehiscent/

#70. fruit <length, mm>/
mm long/

ca 4mm

#71. fruit <width, mm>/
mm wide/

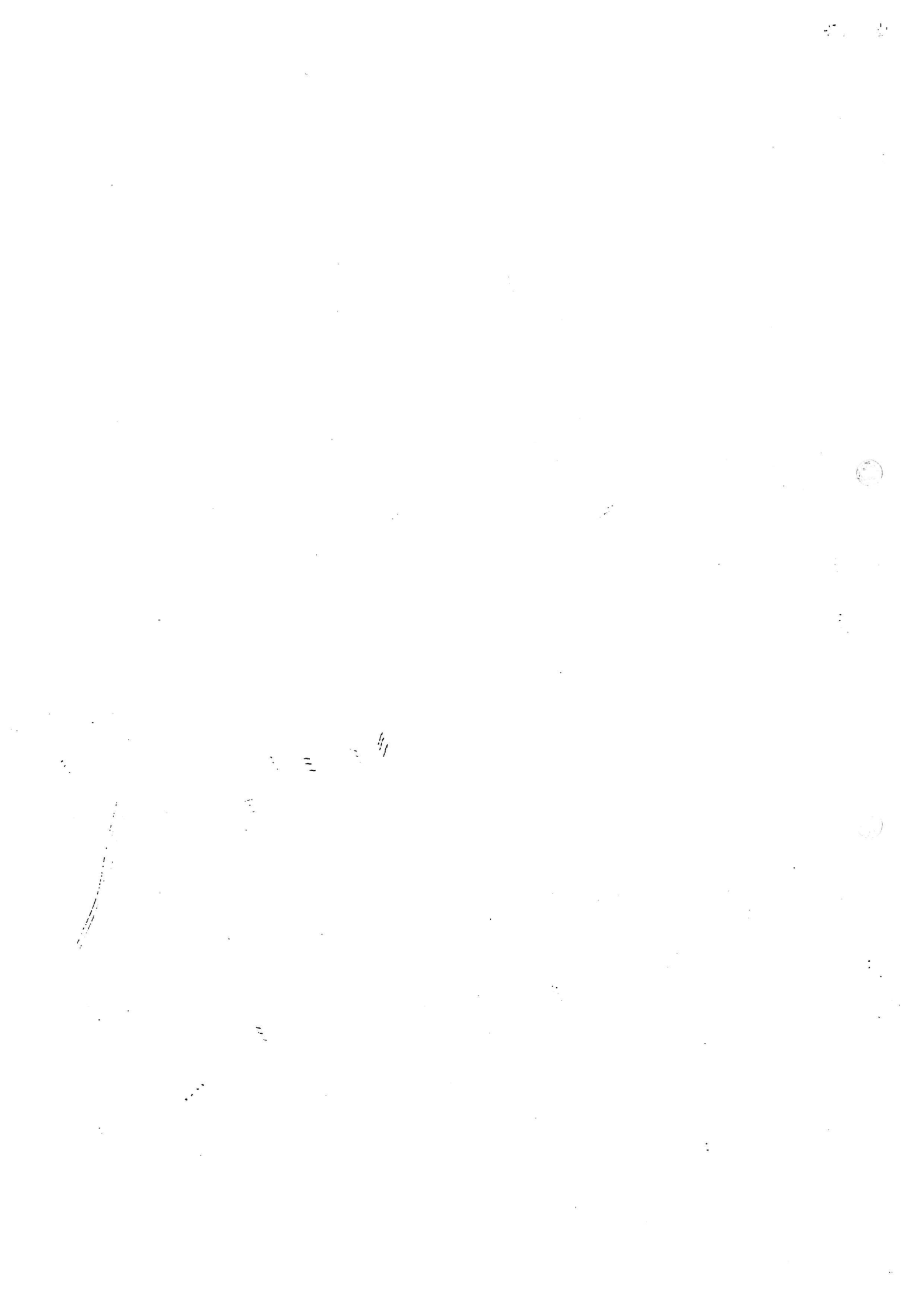
#72. <text> <complete description, added only at completion of flora>/

#73. ^{Floral whorl or} [perianth <no of parts>] 6

#74. ^{Floral whorl or} [Perianth <joined or free>]

1. Free
2. Joined

#75. ^{Floral whorl or} [Perianth <length, mm>] 4-5.5mm.



*SHOW: South West Flora Character List Revised 29 October 1993

*CHARACTER LIST

#1. <supra group>/

1. fern/
2. cycad/
3. conifer/
4. monocot/
5. dicot/

#2. <origin> <whether native to SW region>/

1. native/
2. naturalised/

#3. <Beard subdistrict> <Western Australian South-west Province, Darling District>/

1. Dale Division/
2. Drummond Division/
3. Menzies Division/
4. Warren Division/

#4. <National Parks> <voucher specimens available>/

1. Leeuwin-Naturaliste/
2. Scott River/
3. D'entrecasteaux/
4. Beedelup/
5. Warren/
6. Shannon/
7. Mt Frankland/
8. Walpole-Nornalup/
9. William Bay/
10. West Cape Howe/
11. Torndirrup/

#5. <National Parks> <voucher specimens not available>/

1. Leeuwin-Naturaliste/
2. Scott River/
3. D'entrecasteaux/
4. Beedelup/
5. Warren/
6. Shannon/
7. Mt Frankland/
8. Walpole-Nornalup/
9. William Bay/
10. West Cape Howe/
11. Torndirrup/

#6. flowers <flowering period>/

1. January/
2. February/
3. March/
4. April/
5. May/
6. June/
7. July/
8. August/
9. September/

10. October/

11. November/

12. December/

#7. <vegetation type>/

1. coastal heath/

2. swamp/

3. shrubland/

4. woodland/

5. karri forest/

6. jarrah forest/

7. other/

8. heath <not coastal>/

9. granite rocks/

10. Riverine

11. Estuarine

disturbed areas

#8. <text> <date> compiled/

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#9. <C> <5> <plant> <habit>/

1. tree/

2. tree-like/

3. shrub/

4. climber/

5. herb/

6. grass-like/

7. <other, specify>/

8. Sedge or rush-like

#10. <19> <plant> <longevity in herbs>/

1. annual/

2. biennial/

3. perennial/

(leaves + stems renewed annually from bulb)

#11. <C> <541> <plant> <height, m, including inflorescence>/

m high/ 0.1 - 0.5m

#12. <29?> <plant> <whether aquatic or terrestrial>/

1. aquatic <hydrophytic>/

2. terrestrial <implicit>/

#13. <30> <hydrophytic habit>/

1. marine/

2. non-marine/

#14. <32> leaves <of rooted hydrophytes> <habit>/

1. submerged/

2. emergent/

3. floating/

#15. <C> <12> leaves <including phyllodes, presence>/

1. present <implicit>/

2. much reduced/

3. absent/

#16. leaves <whether fasciculate>/

1. fasciculate/

2. not fasciculate <implicit>/

#17. <36> leaves <insertion, score "scattered; crowded" as U, with comment>/

1. alternate/

- 2. opposite/
- 3. whorled/

#18. <37> leaves <phyllotaxy, when alternate>/

- 1. spiral/
- 2. distichous/
- 3. 4-ranked/
- 4. 3-ranked <tristichous>/

#19. leaves <opposite, whether decussate>/

- 1. decussate/
- 2. not decussate <implicit>/

#20. <64?> stipule <presence>/

- 1. present <well developed, leaves stipulate>/
- 2. absent <or much reduced, leaves exstipulate>/

#21. <42> leaves <whether petiolate>/

- 1. petiolate/
- 2. sessile/
- 3. sessile/ *base sheathing*
- 4. perfoliate/

#22. <C> <542> leaves <total leaf length, mm>/
mm long/ *150-450*

#23. <C> <543> leaves <total leaf width, mm>/
mm wide/ *3-17*

#24. <C> <50> leaves <whether simple or compound>/

- 1. simple <implicit>/
- 2. compound/

#25. <56> <simple leaves> blade <dissection>/

- 1. dissected/
- 2. entire <apart from margin>/

#26. <simple leaves> <shape> <ref. Flora of the Perth Region>/

- 1. narrowly elliptic/
- 2. elliptic/
- 3. broadly elliptic/
- 4. circular elliptic/
- 5. transversely broadly elliptic/
- 6. transversely elliptic/
- 7. narrowly oblong/
- 8. oblong/
- 9. broadly oblong/
- 10. square/
- 11. transversely broadly oblong/
- 12. transversely oblong/
- 13. narrowly rhombic/
- 14. rhombic/
- 15. broadly rhombic/
- 16. quadrate/
- 17. transversely broadly rhombic/
- 18. transversely rhombic/
- 19. narrowly ovate/
- 20. ovate/

- 21. broadly ovate/
- 22. very broadly ovate/
- 23. depressed ovate/
- 24. narrowly obovate/
- 25. obovate/
- 26. broadly obovate/
- 27. very broadly obovate/
- 28. depressed obovate/
- 29. narrowly trullate/
- 30. trullate/
- 31. broadly trullate/
- 32. very broadly trullate/
- 33. depressed trullate/
- 34. narrowly obtrullate/
- 35. obtrullate/
- 36. broadly obtrullate/
- 37. very broadly obtrullate/
- 38. depressed obtrullate/
- 39. narrowly triangular/
- 40. triangular/
- 41. broadly triangular/
- 42. deltate/
- 43. shallowly triangular/
- 44. narrowly obtriangular/
- 45. obtriangular/
- 46. broadly obtriangular/
- 47. obdeltate/
- 48. shallowly obtriangular/
- 49. linear/
- 50. subulate/
- 51. <other - specify>/
- 52. filiform/

#27. <simple leaves> <whether twisted>/

- 1. twisted/
- 2. not twisted/

#28. <simple leaves> margins <whether ciliate>/

- 1. ciliate/
- 2. not ciliate/

#29. <39?> <leaves> blade <mature form>/

- 1. flat/
- 2. folded lengthwise/
- 3. concave/
- 4. convex/
- 5. involute/
- 6. revolute/
- 7. terete/
- 8. semi-terete/
- 9. 3-angled/
- 10. 4-angled/
- 11. compressed/

#30. <71?> <simple leaves> margins/

- 1. entire/
- 2. crenate/
- 3. serrate/

4. dentate/
5. denticulate/

6. spiny-toothed

#31. <542> <simple leaves> blade <length, mm>/
mm long/ 150 - 450

#32. <543> <simple leaves> blade <width, mm>/
mm wide/ 3-17

#33. <53> leaves <compound form>/

1. unifoliate/
2. ternate/
3. pinnate/
4. palmate/
5. bipinnate/
6. multipinnate <multiply compound>/

#34. <compound leaves> <leaflet shape> <ref: Flora of the Perth Region>/

1. narrowly elliptic/
2. elliptic/
3. broadly elliptic/
4. circular elliptic/
5. transversely broadly elliptic/
6. transversely elliptic/
7. narrowly oblong/
8. oblong/
9. broadly oblong/
10. square/
11. transversely broadly oblong/
12. transversely oblong/
13. narrowly rhombic/
14. rhombic/
15. broadly rhombic/
16. quadrate/
17. transversely broadly rhombic/
18. transversely rhombic/
19. narrowly ovate/
20. ovate/
21. broadly ovate/
22. very broadly ovate/
23. depressed ovate/
24. narrowly obovate/
25. obovate/
26. broadly obovate/
27. very broadly obovate/
28. depressed obovate/
29. narrowly trullate/
30. trullate/
31. broadly trullate/
32. very broadly trullate/
33. depressed trullate/
34. narrowly obtrullate/
35. obtrullate/
36. broadly obtrullate/
37. very broadly obtrullate/
38. depressed obtrullate/
39. narrowly triangular/
40. triangular/

41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtriangular/
45. obtriangular/
46. broadly obtriangular/
47. obdeltate/
48. shallowly obtriangular/
49. linear/
50. subulate/
51. <other - specify>/
52. filiform/

#35. <compound leaves> <leaflet> margin/

1. entire/
2. crenate/
3. serrate/
4. dentate/
5. denticulate/

6. spiny toothed

#36. <compound leaves> <leaflet margins> <whether ciliate>/

1. ciliate/
2. not ciliate/

#37. <544> <compound leaves> leaflet blade <ultimate length, mm>/
mm long/

#38. <545> <compound leaves> leaflet blade <ultimate width, mm>/
mm wide/

#39. <C> <546> flowers <overall inflorescence colour>/

1. green/
2. white/
3. cream/
4. yellow/
5. orange/
6. red/
7. pink/
8. purple/
9. violet/
10. blue/
11. brown/
12. black/
13. other/

#40. flowers <shape> <casual character>/

1. 3-petal/
2. 4-petal/
3. 5-petal/
4. 6-petal/
5. pea flower/
6. wattle/
7. eucalypt/
8. daisy/
9. dandelion-daisy/
10. clustered/
11. other/
12. spikelet/

#41. <C> <175> flowers <arrangement>/

- 1. solitary/
- 2. aggregated <into inflorescences>/

#42. <C> <176> flowers in <inflorescence type>/

- 1. cymes/
- 2. racemes/
- 3. spikes/
- 4. heads/
- 5. umbels/
- 6. corymbs/
- 7. fascicles/
- 8. panicles/
- 9. verticils/
- 10. glomerules/
- 11. catkins/
- 12. <other - specify>/

#43. <plant sexuality>/

- 1. hermaphrodite <flowers bisexual, implicit>/
- 2. monoecious <separate male and female flowers on same plant>/
- 3. dioecious <plants with either all male or all female flowers>/
- 4. other <specify>/

#44. <186> <flowers> bracts <whether bracteate>/

- 1. present/
- 2. absent/

#45. <188> <flowers> bracteoles <whether bracteolate>/

- 1. present/
- 2. absent/

#46. <207> floral whorls <presence or absence of perianth>/

- 1. two distinct whorls <calyx and corolla>/
- 2. intergrading calyx to corolla/
- 3. one whorl only (calyx) = corolla absent/
- 4. one whorl only (corolla) - calyx absent/
- 5. one whorl of uncertain origin <floral whorl or perianth>/
- 6. two whorls of uncertain origin <perianth in monocots>/
- 7. vestigial <reduced to bracts, scales, bristles, hairs or lodicules>/
- 8. absent/

#47. <202> floral tube <presence>/

- 1. present/
- 2. absent <implicit>/

#48. <219> calyx <number of parts>/

or outer perianth
or outer perianth

#49. <222> calyx <whether parts joined or free>/

- 1. free <or almost so> <polysepalous>/
- 2. of joined and free segments <partially gamosepalous>/
- 3. joined <gamosepalous>/

#50. calyx <length, mm>/
mm long/

or outer perianth

#51. <236> corolla <number of parts>/

or inner perianth

segments/

- #52. <240> corolla ^{or inner perianth} <whether parts joined or free>/
 1. free <or almost so> <polysepalous>/
 2. of joined and free segments <partially gamosepalous>/
 3. joined <gamosepalous>/
- #53. <246?> corolla ^{or inner perianth} <where segments joined, shape>/
 1. rotate/
 2. 2-lipped/
 3. campanulate/
 4. tubular/
 5. urceolate/
 6. trumpet-like/
 7. spurred/
 8. ligulate/
 9. lobed/
- #54. <255?> petals ^{or inner perianth} <or corolla lobes, whether incised>/
 1. deeply bifid/
 2. 2-lobed/
 3. fringed/
 4. entire/
 5. emarginate/
 6. several lobed/
 7. <other, specify>
- #55. corolla ^{or inner perianth} <length, mm>/
 mm long/
- #56. <271> stamens <fertile, number>/ 6
- #57. <269> staminodes <number>/ none
- #58. <265?> stamens <freedom>/
 1. free/
 2. fused/
 3. some fused and some free/
- #59. stamens <insertion> (on base of tepals)
 1. opposite sepals/
 2. opposite petals/
 3. in continuous whorl/
 4. on corolla tube/
 5. in corolla throat/
 6. free from corolla/
- #60. <283?> anthers dehiscing <mechanism>/
 1. by pores/
 2. by vertical slits/
 3. by transverse slits/
 4. by valves/
 5. <other, specify>/
- #61. <316> ovary <gynoecium, constitution>/
 1. monomerous <of a single carpel>/
 2. apocarpous <of two or more free carpels>/
 3. syncarpous <of two or more fused or partly fused carpels>/

#62. <318> ovary <position>/

1. superior/
2. partly inferior/
3. inferior/

#63. <326> ovary <locule number of syncarpous gynoecia>/
locular/ 3

#64. <333?> styles <number>/ 1

#65. <336?> styles <insertion>/

1. apical/
2. lateral/
3. gynobasic/

#66. styles <whether simple or branched>/

1. simple/
2. branched/ (in upper 1mm)

#67. styles <number of branches>/
branches/ 3

#68. <?379, 381, 382> fruit <type>/

1. legume/
2. loment/
3. follicle/
4. achene/
5. samara/
6. nut/
7. drupe/
8. berry/
9. mericarps/
10. capsule/
11. silicule/
12. siliqua/
13. caryopsis/
14. <other, specify>/

#69. <?378, 380> fruit <whether dehiscent>/

1. dehiscent/
2. indehiscent/

#70. fruit <length, mm>/
mm long/ 6-7mm.

#71. fruit <width, mm>/
mm wide/

#72. <text> <complete description, added only at completion of flora>/

#73. [Floral whorl or Perianth (no of parts)] 6

#74. [Floral whorl or Perianth (joined or free)]
1. Free

2. Joined

#75. [Floral whorl or Perianth (length, mm)] 10-18mm.

