

\*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/ (winter-wet depressions)
8. heath <not coastal>/
9. granite rocks/
10. riverine vegetation/
11. estuarine vegetation/

#8. <text> <date> compiled/ 9.9.97

#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/ 0.05-0.15

#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/ 5-13

#23. <C> <543> leaves <total leaf width, mm>/  
mm wide/ 1-3

#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/ ~~h~~
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/ *ov*
2. crenate/
3. serrate/
4. dentate/
5. denticulate/
6. spiny-toothed/

*(minutely)*

#31. <542> <simple leaves> blade <length, mm>/  
mm long/ *5-13*

#32. <543> <simple leaves> blade <width, mm>/  
mm wide/ *1-3*

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

1. unifoliolate/
2. ternate/
3. pinnate/
4. palmate/
5. bipinnate/
6. multipinnate <multiply compound>/
7. <other -specify>/

#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/ or
9. violet/
10. blue/ <often with yellow throat>
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 (leaf like)  
 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 <sup>or outer perianth</sup> <number of parts> 5
- #49. <222> calyx <sup>or outer perianth</sup> <whether parts joined or free>/  
 1. free <or almost so> <polysepalous> (above floral tube) or  
 2. of joined and free segments <partially gamosepalous>/

3. joined <gamosepalous>/ *<adnate to ovary>*
- #50. calyx <length, mm>/ *or outer perianth*  
mm long/ *2-5 (tube), 2-5 (lobes)*
- #51. <236> corolla <number of parts>/ *or inner perianth*  
segments/ *5*
- #52. <240> corolla <whether parts joined or free>/  
1. free <or almost so> <polysepalous>/  
2. of joined and free segments <partially gamosepalous>/  
3. joined <gamosepalous>/ *or inner perianth*
- #53. <246?> corolla <where segments joined, shape>/ *or inner perianth*  
1. rotate/  
2. 2-lipped *(slightly) or*  
3. campanulate/  
4. tubular *and*  
5. urceolate/  
6. trumpet-like/  
7. spurred/  
8. ligulate/  
9. lobed
- #54. <255?> petals <or corolla lobes, whether incised>/ *or inner perianth*  
1. deeply bifid/  
2. 2-lobed/  
3. fringed/  
4. entire/  
5. emarginate/  
6. several lobed/  
7. <other - specify>/
- #55. corolla <length, mm>/ *or inner perianth*  
mm long/ *6-12*
- #56. <271> stamens <fertile, number>/ *5*
- #57. <269> staminodes <number>/ *0*
- #58. <265?> stamens <freedom>/  
1. free/  
2. fused *(in ring around style)*  
3. some fused and some free/
- #59. stamens <insertion>/  
1. opposite sepals/  
2. opposite petals/  
3. in continuous whorl/  
4. <other - specify>/
- #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 (currently includes carpel number of apocarpous gynoecia)>/  
 locular/ 2
- #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/ 2
- #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/ 4-7
- #71. fruit <width, mm>/  
 mm wide/ 1.5-2
- #72. <text> <complete description, added only at completion of flora>/
- #73. floral whorl or perianth <no. of parts>/

#74. floral whorl or perianth <whether free or joined>/

1. free/
2. joined/

#75. floral whorl or perianth <length, mm>/

mm long/

#76. stamens <insertion when perianth fused>/

1. on perianth tube <below level of lobes or top of fused section>/
2. in perianth throat <above fused section>/
3. free from perianth/