

Aptenia cordifolia

1

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

AIZOACEAE

*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/ *disturbed*

2. swamp/
3. shrubland/
4. woodland/
5. karri forest/
6. jarrah forest/
7. other/
8. heath <not coastal>/
9. granite rocks/
10. riverine vegetation/
11. estuarine vegetation/

#8. <text> <date> compiled/ *22.5.97*

#9. <O> <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. <O> <S41> <plant> <height, m, including inflorescence>/
m high/ *0.2 m*

#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. <O> <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. <542> leaves <total leaf length, mm>/
mm long/ 20 - 40

#23. <543> leaves <total leaf width, mm>/
mm wide/ 8 - 30

#24. <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 obtusulate/
35. obtusulate/
36. broadly obtusulate/
37. very broadly obtusulate/
38. depressed obtusulate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusangular/
45. obtusangular/
46. broadly obtusangular/
47. obdeltate/
48. shallowly obtusangular/
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. <?> <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. <?> <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/ 20-40

#32. <543> <simple leaves> blade <width, mm>/
mm wide/ 8-30

- #33. <53> leaves <compound form>/
1. unifoliate/
 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 obtusate/
35. obtusate/

36. broadly obtusate/
37. very broadly obtusate/
38. depressed obtusate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusate/
45. obtusate/
46. broadly obtusate/
47. obdeltate/
48. shallowly obtusate/
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. <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. <175> flowers <arrangement>/

1. solitary/

2. aggregated <into inflorescences>/

#42. <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>/ *<at base>*
- #50. calyx/ *or outer perianth* <length, mm>/ *15 mm*
mm long/
- #51. <236> corolla/ *or inner perianth* <number of parts>/ *0*
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>/ *numerous*
- #57. <269> staminodes <number>/ *numerous, petal-like*
- #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. <other - specify>/ *on staminodal tube*
- #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)>/ 4
 locular/
- #64. <333?> styles <number>/ 4
- #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/
- #71. fruit <width, mm>/
 mm wide/
- #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/

CARPOBROTUS EDULIS

1

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

AIZOACEAE

*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 vegetation/

11. estuarine vegetation/

#8. <text> <date> compiled/ 27.5.97

#9. <O> <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. <O> <S41> <plant> <height, m, including inflorescence>/

m high/ 0.05-0.3 (prostrate stems to 2 m long)

#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. <O> <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. <542> leaves <total leaf length, mm>/
mm long/

40 - 140 <fresh>

#23. <543> leaves <total leaf width, mm>/
mm wide/

8 - 17 <fresh>

#24. <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 obtusulate/
35. obtusulate/
36. broadly obtusulate/
37. very broadly obtusulate/
38. depressed obtusulate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusangular/
45. obtusangular/
46. broadly obtusangular/
47. obdeltate/
48. shallowly obtusangular/
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/

< keel, near tip >

#31. <542> <simple leaves> blade <length, mm>/
mm long/ 40-140

#32. <543> <simple leaves> blade <width, mm>/
mm wide/ 8-17

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

1. unifoliate/

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 obtusate/

35. obtusate/

36. broadly obtusulate/
37. very broadly obtusulate/
38. depressed obtusulate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusangular/
45. obtusangular/
46. broadly obtusangular/
47. obdeltate/
48. shallowly obtusangular/
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. <546> flowers <overall inflorescence colour>/

1. green/
2. white/
3. cream/

4. yellow/

5. orange/

6. red/

7. pink/

<fade to 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. <175> flowers <arrangement>/

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

#42. <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>/

apparently hermaphrodite
flowers functionally unisexual

#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/ 20-45

#51. <236> corolla ^{or inner perianth} <number of parts>/ 0
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>/ <numerous> 400-600

#57. <269> staminodes <number>/ 120-130

#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. <other - specify>/ in 4-6 whorls

#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)>/ 10 - 14
 locular/
- #64. <333?> styles <number>/ 10 - 14
- #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/
- #71. fruit <width, mm>/
 mm wide/
- #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/

Carpobrotus modestus

1

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

AIZOACEAE

*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 vegetation/
- 11. estuarine vegetation/

#8. <text> <date> compiled/ 27. 5. 97

#9. <O> <S> <plan> <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> <plan> <longevity in herbs>/

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

#11. <O> <541> <plan> <height, m, including inflorescence>/

m high/ 0.05 - 0.1 <prostrate stems to 0.35 m long>

#12. <29?> <plan> <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. <O> <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. <542> leaves <total leaf length, mm>/
mm long/ 35-70

#23. <543> leaves <total leaf width, mm>/
mm wide/ 4-6

#24. <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. quadrangle/
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 obtusulate/
35. obtusulate/
36. broadly obtusulate/
37. very broadly obtusulate/
38. depressed obtusulate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusangular/
45. obtusangular/
46. broadly obtusangular/
47. obdeltate/
48. shallowly obtusangular/
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/ 35 - 70

#32. <543> <simple leaves> blade <width, mm>/
mm wide/ 4 - 6

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

1. unifoliate/

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 obtusate/

35. obtusate/

36. broadly obtusulate/
37. very broadly obtusulate/
38. depressed obtusulate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusangular/
45. obtusangular/
46. broadly obtusangular/
47. obdeltate/
48. shallowly obtusangular/
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. <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. <175> flowers <arrangement>/

1. solitary/

2. aggregated <into inflorescences>/

#42. <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>/

4 or 5

#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/ 12-18

#51. <236> corolla ^{or inner perianth} <number of parts>/
segments/ 0

#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>/ 20-100

#57. <269> staminodes <number>/ 45-60

#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. <other - specify>/

in 2 whorls

#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/ 6-10
- #64. <333?> styles <number>/ 6-10
- #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/
- #71. fruit <width, mm>/
 mm wide/
- #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/

Carpobrotus pulcher m's

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

AIZOACEAE

*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 vegetation/
 11. estuarine vegetation/

- #8. <text> <date> compiled/ 27. 5. 97

- #9. <O> <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. <O> <S41> <plant> <height, m, including inflorescence>/
 m high/ 0.05-0.1 <prostrate stems to 1m long>

- #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. <O> <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 <implicite>/

#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. <542> leaves <total leaf length, mm>/
mm long/ 55-80

#23. <543> leaves <total leaf width, mm>/
mm wide/ <ca>12

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

1. simple <implicite>/

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 obtusate/
35. obtusate/
36. broadly obtusate/
37. very broadly obtusate/
38. depressed obtusate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusate/
45. obtusate/
46. broadly obtusate/
47. obovate/
48. shallowly obtusate/
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 <manure 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/ 55-80

#32. <543> <simple leaves> blade <width, mm>/
mm wide/ <ca> 12

- #33. <53> leaves <compound form>/
1. unifoliate/
 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 obtusulate/
35. obtusulate/

- 36. broadly obtusate/
- 37. very broadly obtusate/
- 38. depressed obtusate/
- 39. narrowly triangular/
- 40. triangular/
- 41. broadly triangular/
- 42. deltate/
- 43. shallowly triangular/
- 44. narrowly obtusate/
- 45. obtusate/
- 46. broadly obtusate/
- 47. obdeltate/
- 48. shallowly obtusate/
- 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. << <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. <175> flowers <arrangement>/
- 1. solitary/
 - 2. aggregated <into inflorescences>/

- #42. <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>/ 4 or 5

- #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/ 12 - 22

#51. <236> corolla ^{or inner perianth} <number of parts>/
segments/ 0

#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>/ 250 - 300

#57. <269> staminodes <number>/ numerous

#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. <other - specify>/ in 4 or 5 whorls

#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/ 7-10
- #64. <333?> styles <number>/ 7-10
- #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/
- #71. fruit <width, mm>/
 mm wide/
- #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/

Drosanthemum candens

1

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

AIZOACEAE

*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 vegetation/
- 11. estuarine vegetation/

#8. <text> <date> compiled/

27.5.97

#9. <O> <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. <O> <S41> <plant> <height, m, including inflorescence>/
m high/

0.1

#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. <O> <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/

U clustered

#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. <542> leaves <total leaf length, mm>/
mm long/

3 - 10

#23. <543> leaves <total leaf width, mm>/
mm wide/

1 - 2

#24. <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 obtusulate/
35. obtusulate/
36. broadly obtusulate/
37. very broadly obtusulate/
38. depressed obtusulate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusangular/
45. obtusangular/
46. broadly obtusangular/
47. obovate/
48. shallowly obtusangular/
49. linear/
50. subulate/
51. ~~other - specify~~/ *clavate*
52. filiform/

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

1. twisted/
2. not twisted/

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

1. ciliate/
2. not ciliate/

#29. <?> <leaves> blade <manure 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. <?> <simple leaves> margins/

1. entire/

<papillose>

2. crenate/

3. serrate/

4. dentate/

5. denticulate/

6. spiny-toothed/

#31. <542> <simple leaves> blade <length, mm>/
mm long/ 3-10

#32. <543> <simple leaves> blade <width, mm>/
mm wide/ 1-2

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

1. unifoliate/

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 obtusate/

35. obtusate/

- 36. broadly obtusate/
- 37. very broadly obtusate/
- 38. depressed obtusate/
- 39. narrowly triangular/
- 40. triangular/
- 41. broadly triangular/
- 42. deltate/
- 43. shallowly triangular/
- 44. narrowly obtusate/
- 45. obtusate/
- 46. broadly obtusate/
- 47. obdeltate/
- 48. shallowly obtusate/
- 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. <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. <175> flowers <arrangement>/
1. solitary/
 2. aggregated <into inflorescences>/

- #42. <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/ 4 mm

#51. <236> corolla ^{or inner perianth} <number of parts>/
segments/ 9

#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>/ numerous

#57. <269> staminodes <number>/ numerous

#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. <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/
- #64. <333?> styles <number>/
- #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/
- #71. fruit <width, mm>/
 mm wide/
- #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/

Lampranthus glaucus

1

AIZOACEAE

*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/ *disturbed areas.*

8. heath <not coastal>/

9. granite rocks/

10. riverine vegetation/

11. estuarine vegetation/

#8. <text> <date> compiled/ *27.5.97*

#9. <O> <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. <O> <S41> <plant> <height, m, including inflorescence>/
m high/ *0.15 - 0.2*

#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. <O> <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. <542> leaves <total leaf length, mm>/
mm long/ 9-14

#23. <543> leaves <total leaf width, mm>/
mm wide/ 2-3

#24. <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 obtusate/
35. obtusate/
36. broadly obtusate/
37. very broadly obtusate/
38. depressed obtusate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusate/
45. obtusate/
46. broadly obtusate/
47. obovate/
48. shallowly obtusate/
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. <?> <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. <?> <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/ 9-14

#32. <543> <simple leaves> blade <width, mm>/
mm wide/ 2-3

- #33. <53> leaves <compound form>/
1. unifoliate/
 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 obtusulate/
35. obtusulate/

36. broadly obtusulate/
37. very broadly obtusulate/
38. depressed obtusulate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusangular/
45. obtusangular/
46. broadly obtusangular/
47. obdeltate/
48. shallowly obtusangular/
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. <O> <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. <175> flowers <arrangement>/

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

#42. <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/ 8-10

#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>/ numerous

#57. <269> staminodes <number>/ numerous

#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. <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/ 5
- #64. <333?> styles <number>/ 5
- #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/
- #71. fruit <width, mm>/
 mm wide/
- #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/

TETRAGONIA DECUMBENS

1

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

AIZOACEAE

*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 vegetation/

11. estuarine vegetation/

#8. <text> <date> compiled/

27. 5. 97

#9. <O> <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. <I9> <plant> <longevity in herbs>/

1. annual/

2. biennial/

3. perennial/

#11. <O> <S41> <plant> <height, m, including inflorescence>/

m high/

0.2 - 0.3 <up to 3m across>

#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. <O> <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. <542> leaves <total leaf length, mm>/
mm long/ 13-35

#23. <543> leaves <total leaf width, mm>/
mm wide/ 5-15

#24. <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 obtusulate/
35. obtusulate/
36. broadly obtusulate/
37. very broadly obtusulate/
38. depressed obtusulate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusangular/
45. obtusangular/
46. broadly obtusangular/
47. obdeltate/
48. shallowly obtusangular/
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 <manure form>/

1. flat/ <thick>
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/ 15 - 35

#32. <543> <simple leaves> blade <width, mm>/
mm wide/ 5 - 15

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

1. unifoliate/
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 obtusulate/
35. obtusulate/

36. broadly obtusate/
37. very broadly obtusate/
38. depressed obtusate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusate/
45. obtusate/
46. broadly obtusate/
47. obdeltate/
48. shallowly obtusate/
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. <175> flowers <arrangement>/
- 1. solitary/
 - 2. aggregated <into inflorescences>/

- #42. <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>/

clustered in upper leaf axils.

- #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>/ *sometimes male*

- #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>/ *4*

- #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/ 2.5-4

#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>/ 12 +

#57. <269> staminodes <number>/ 0

#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. <other - specify>/

at summit of ovary

#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)>/ 3 or 4
 locular/
- #64. <333?> styles <number>/ 3 or 4
- #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>/ dry
- #69. <378, 380> fruit <whether dehiscent>/
 1. dehiscent/
 2. indehiscent/
- #70. fruit <length, mm>/
 mm long/
- #71. fruit <width, mm>/
 mm wide/
- #72. <text> <complete description, added only at completion of flora>/
- #73. floral whorl or perianth <no. of parts>/ 4

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

1. free/
2. joined/

#75. floral whorl or perianth <length, mm>/
mm long/ 2.5 - 4

#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/

Tetragonia implexicoma

1

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

AIZOACEAE

*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 vegetation/

11. estuarine vegetation/

#8. <text> <date> compiled/ 27.5.97

#9. <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. <plant> <longevity in herbs>/

1. annual/

2. biennial/

3. perennial/

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

m high/

0.05-0.3 <up to 2m across>

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

1. aquatic <hydrophytic>/

2. terrestrial <implicit>/

#13. <hydrophytic habit>/

1. marine/

2. non-marine/

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

1. submerged/

2. emergent/

3. floating/

#15. <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 <implicite>/

#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. <542> leaves <total leaf length, mm>/
mm long/ 20-50

#23. <543> leaves <total leaf width, mm>/
mm wide/ 5-25

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

1. simple <implicite>/
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. quadrated/
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 obtusulate/
35. obtusulate/
36. broadly obtusulate/
37. very broadly obtusulate/
38. depressed obtusulate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusangular/
45. obtusangular/
46. broadly obtusangular/
47. obdeltate/
48. shallowly obtusangular/
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 <manure 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/ 20-50

#32. <543> <simple leaves> blade <width, mm>/
mm wide/ 5-25

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

1. unifoliate/
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 obtusate/
35. obtusate/

36. broadly obtusulate/
37. very broadly obtusulate/
38. depressed obtusulate/
39. narrowly triangular/
40. triangular/
41. broadly triangular/
42. deltate/
43. shallowly triangular/
44. narrowly obtusangular/
45. obtusangular/
46. broadly obtusangular/
47. obdeltate/
48. shallowly obtusangular/
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. <175> flowers <arrangement>/

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

#42. <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>/ *in pairs in axils*

#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>/ *4*

#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>/
or *outer perianth*
- #50. calyx <length, mm>/
mm long/ *1.5-3*
- #51. <236> corolla <number of parts>/
segments/ *or inner perianth*
- #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>/
- #53. <246> corolla <where segments joined, shape>/
or inner perianth
1. rotate/
2. 2-lipped/
3. campanulate/
4. tubular/
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>/
mm long/ *or inner perianth*
- #56. <271> stamens <fertile, number>/ *12-25*
- #57. <269> staminodes <number>/ *0*
- #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. <other - specify>/ *at apex of ovary*
- #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)>/ 2-3
 locular/
- #64. <333?> styles <number>/ 2-3
- #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/
- #71. fruit <width, mm>/
 mm wide/
- #72. <text> <complete description, added only at completion of flora>/
- #73. floral whorl or perianth <no. of parts>/ 4

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

1. free/

2. joined/

#75. floral whorl or perianth <length, mm>/
mm long/ 1.5-3

#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/