

JWS 23/11

CHARACTER LIST

Cassytha flava

- #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/

heath

#8. <text> <date> compiled/

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

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

ard

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

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

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

#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/
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/

- 4-ranked/
- 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/ 0.5-1

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

mm wide/ 0.3-0.6

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

- 1. simple/
- 2. compound/

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

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

#26. <simple leaves> blade <shape> <ref: Flora of Perth>/

- 1. elliptic/
- 2. oblong/
- 3. rhombic/
- 4. ovate/
- 5. obovate/
- 6. trullate/
- 7. obtusulate/
- 8. triangular/
- 9. obtriangular

26. 20

27. <simple leaves> blade <when elliptic, qualifier> <ref: Flora of Perth>/

- 1. narrowly/
- 2. broadly/
- 3. circular/
- 4. transversely broadly/
- 5. transversely/

28. <simple leaves> blade <when oblong, qualifier> <ref: Flora of Perth>/

- 1. narrowly/
- 2. broadly/
- 3. square/
- 4. transversely broadly/
- 5. transversely/

29. <simple leaves> blade <when rhombic, qualifier> <ref: Flora of Perth>/

- 1. narrowly/
- 2. broadly/
- 3. quadrate/

4. transversely broadly/
5. transversely/

#30. <simple leaves> blade <when ovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

normal

#31. <simple leaves> blade <when obovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#32. <simple leaves> blade <when trullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#33. <simple leaves> blade <when obtrullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#34. <simple leaves> blade <when triangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. deltate/
4. shallowly/

#35. <simple leaves> blade <when obtriangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. obdeltate/
4. shallowly/

#36. <39> <leaves> blade <mature form>/

1. flat/
2. folded/
3. rolled/
4. terete <includes semi-terete and angled forms>/

*27. not twisted
28. not ciliate
29. flat*

#37. <leaves> blade <when terete, mature form>/

1. terete/
2. semi-terete/
3. 3-angled/
4. 4-angled/

#38. <72> <leaves> margins/

1. flat/
2. revolute/
3. involute/

30
#39. <71> <leaves> margins/

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

4. dentate/

#40. ³¹ <542> <simple leaves> blade <length, mm>/
mm long/ 0.5-1

#41. ³² <543> <simple leaves> blade <width, mm>/
mm wide/ 0.3-0.6

#42. <53> leaves <compound form>/

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

#43. <compound leaves> leaflet blade <ultimate shape> <ref: Flora of Perth>/

1. elliptic/
2. oblong/
3. rhombic/
4. ovate/
5. obovate/
6. trullate/
7. obtrullate/
8. angular/
9. triangular

#44. <compound leaves> leaflet blade <when elliptic, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. circular/
4. transversely broadly/
5. transversely/

#45. <compound leaves> leaflet blade <when oblong, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. square/
4. transversely broadly/
5. transversely/

#46. <compound leaves> leaflet blade <when rhombic, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. quadrate/
4. transversely broadly/
5. transversely/

#47. <compound leaves> leaflet blade <when ovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#48. <compound leaves> leaflet blade <when obovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#49. <compound leaves> leaflet blade <when trullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#50. <compound leaves> leaflet blade <when obtrullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#51. <compound leaves> leaflet blade <when triangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. deltate/
4. shallowly/

#52. <compound leaves> leaflet blade <when obtriangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. obdeltate/
4. shallowly/

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

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

#54. <544> <compound leaves> leaflet blade <ultimate length, mm>/
mm long/

#55. <545> <compound leaves> leaflet blade <ultimate width, mm>/
mm wide/

³⁹ #56. <O> <546> flowers <overall inflorescence colour>/

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

⁴⁰ #57. 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/

- dandelion-daisy/
- 0. clustered/
- 1. other/

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. <165?> flowers <sexuality>/

- 1. bisexual/
- 2. unisexual/

hermaphrodite

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. <208?> floral tube <presence>/

- 1. present/
 - 2. absent/
- apparently*

48. <219> calyx <number of parts>/ 3

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

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

50. calyx <length, mm>/
mm long/ 0.5-1

51. <236> corolla <number of parts>/
segments/ 3

- 52 #69. <240> corolla <whether parts joined or free>/
 1. free <or almost so> <polysepalous>/
 2. of joined and free segments <partially gamosepalous>/
 3. joined <gamosepalous>/

- #70. <246?> corolla <where segments joined, shape>/
 1. rotate/
 2. 2-lipped/
 3. campanulate/
 4. tubular/
 5. urceolate/
 6. trumpet-like/
 7. spurred/
 8. ligulate/

- 54 #71. <255?> petals <or corolla lobes, whether incised>/
 1. deeply bifid/
 2. 2-lobed/
 3. fringed/
 4. entire/
 5. emarginate/

- 55 #72. corolla <length, mm>/
 mm long/ 0.8-1.5

- 56 #73.. <271> stamens <fertile, number>/ 9

- 57 #74. <269> staminodes <number>/ 3

- 58 #75. <265?> stamens <freedom>/
 1. free/
 2. fused/
 3. some fused and some free/

- 59 #76. stamens <insertion>/
 1. opposite sepals/
 2. opposite petals/
 3. in continuous whorl/
 4. on corolla tube/
 5. in corolla throat/
 6. free from corolla/

- 60 #77. <283?> anthers dehiscing <mechanism>/
 1. by pores/
 2. by vertical slits/
 3. by transverse slits/
 4. by valves/
 5. <other, specify>/

- 61 #78. <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 #79. <318> ovary <position>/
 1. superior/ and
 2. partly inferior/
 3. inferior/ <in fruit>
 <appearing>

1/3 <appearing> <fruit>

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

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

65. <336?> styles <insertion>/
1. apical/
2. lateral/
3. gynobasic/

66. simple

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>/

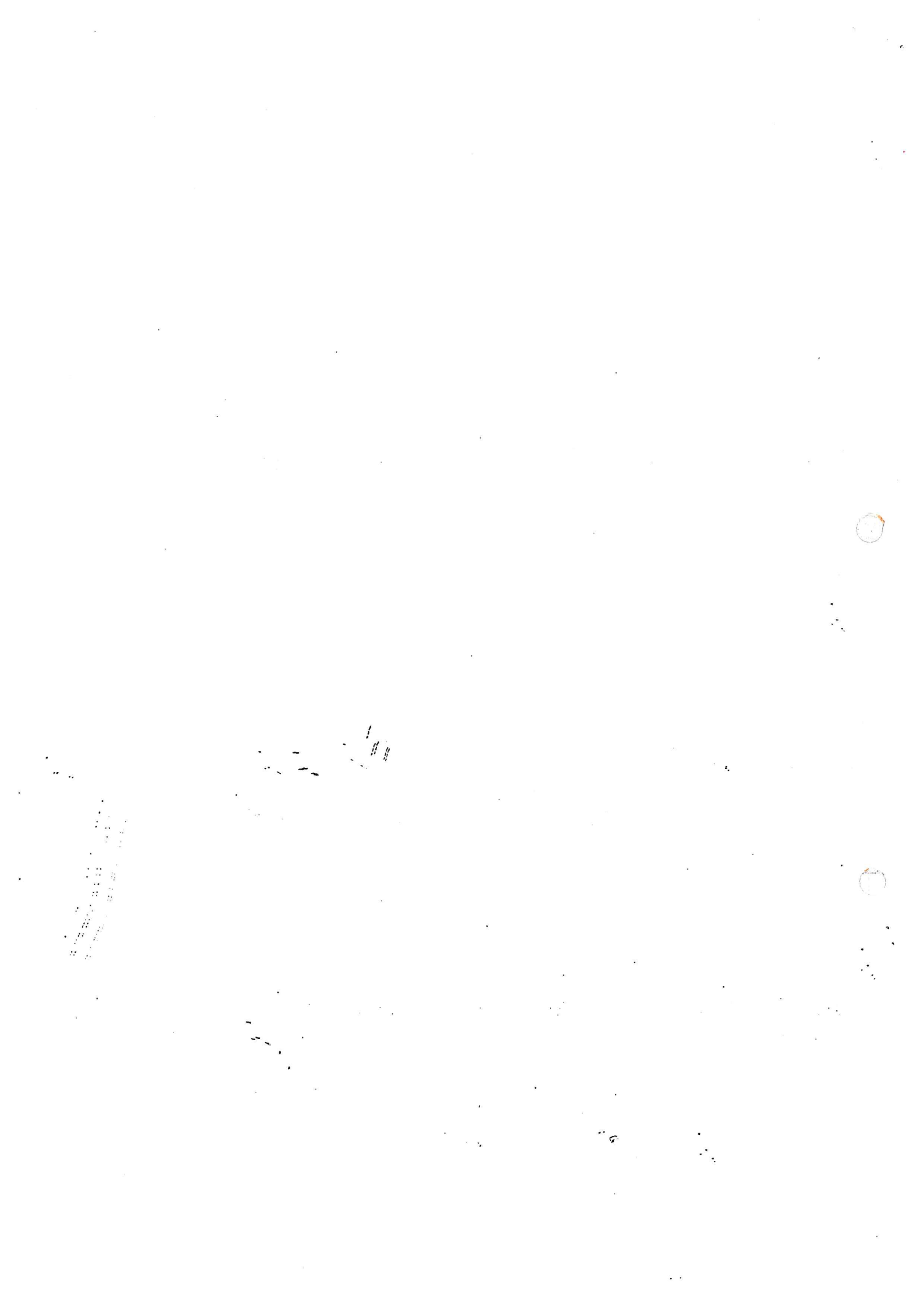
69. <378, 380> fruit <whether dehiscent>/
1. dehiscent/
2. indehiscent/

70. fruit <length, mm>/
mm long/ 4

71. fruit <width, mm>/
mm wide/ 4

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





*SHOW: South West Flora Character List Revised 12 October 1993

MS 22/11

*CHARACTER LIST *Cassytha glabella*

#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. <text> <date> compiled/

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

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

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

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

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

#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/
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/ 0.5

#23. <C> <543> leaves <total leaf width, mm>/
mm wide/ 0.3

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

- 1. simple/
- 2. compound/

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

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

#26. <simple leaves> blade <shape> <ref: Flora of Perth>/

- 1. elliptic/
- 2. oblong/
- 3. rhombic/
- 4. ovate/
- 5. obovate/
- 6. trullate/
- 7. obtrullate/
- 8. triangular/
- 9. obtriangular

26. 20 or 40

#27. <simple leaves> blade <when elliptic, qualifier> <ref: Flora of Perth>/

- 1. narrowly/
- 2. broadly/
- 3. circular/
- 4. transversely broadly/
- 5. transversely/

#28. <simple leaves> blade <when oblong, qualifier> <ref: Flora of Perth>/

- 1. narrowly/
- 2. broadly/
- 3. square/
- 4. transversely broadly/
- 5. transversely/

#29. <simple leaves> blade <when rhombic, qualifier> <ref: Flora of Perth>/

- 1. narrowly/
- 2. broadly/
- 3. quadrate/

4. transversely broadly/
5. transversely/

#30. <simple leaves> blade <when ovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#31. <simple leaves> blade <when obovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#32. <simple leaves> blade <when trullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#33. <simple leaves> blade <when obrullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#34. <simple leaves> blade <when triangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. deltate/
4. shallowly/

#35. <simple leaves> blade <when obtriangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. obdeltate/
4. shallowly/

#36. <39> <leaves> blade <mature form>/

1. flat/
2. folded/
3. rolled/
4. terete <includes semi-terete and angled forms>/

#37. <leaves> blade <when terete, mature form>/

1. terete/
2. semi-terete/
3. 3-angled/
4. 4-angled/

#38. <72> <leaves> margins/

1. flat/
2. revolute/
3. involute/

30
#39. <71> <leaves> margins/

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

27. not twisted
28. not ciliate
29. flat

4. dentate/

#40. ³¹<542> <simple leaves> blade <length, mm>/
mm long/ 0.5

#41. ³²<543> <simple leaves> blade <width, mm>/
mm wide/ 0.3

#42. <53> leaves <compound form>/

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

#43. <compound leaves> leaflet blade <ultimate shape> <ref: Flora of Perth>/

1. elliptic/
2. oblong/
3. rhombic/
4. ovate/
5. obovate/
6. trullate/
7. obtrullate/
8. triangular/
9. obtriangular

#44. <compound leaves> leaflet blade <when elliptic, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. circular/
4. transversely broadly/
5. transversely/

#45. <compound leaves> leaflet blade <when oblong, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. square/
4. transversely broadly/
5. transversely/

#46. <compound leaves> leaflet blade <when rhombic, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. quadrate/
4. transversely broadly/
5. transversely/

#47. <compound leaves> leaflet blade <when ovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#48. <compound leaves> leaflet blade <when obovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#49. <compound leaves> leaflet blade <when trullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#50. <compound leaves> leaflet blade <when obtrullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#51. <compound leaves> leaflet blade <when triangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. deltate/
4. shallowly/

#52. <compound leaves> leaflet blade <when obtriangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. obdeltate/
4. shallowly/

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

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

#54. <544> <compound leaves> leaflet blade <ultimate length, mm>/
mm long/

#55. <545> <compound leaves> leaflet blade <ultimate width, mm>/
mm wide/

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

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

10 #57. 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/

41 #58. <C> <175> flowers <arrangement>/
 1. solitary/
 2. aggregated <into inflorescences>/

42 #59. <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 #60. <165?> flowers <sexuality>/
 1. bisexual/ *hermaphrodite*
 2. unisexual/

44 #61. <186> <flowers> bracts <whether bracteate>/
 1. present/
 2. absent/

45 #62. <188> <flowers> bracteoles <whether bracteolate>/
 1. present/
 2. absent/

46 #63. <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 #64. <202> floral tube <presence>/
 1. present/
 2. absent/ *<apparently>*

48 #65. <219> calyx <number of parts>/ 3

49 #66. <222> calyx <whether parts joined or free>/
 1. free <or almost so> <polysepalous>/
 2. of joined and free segments <partially gamosepalous>/
 3. joined <gamosepalous>/

50 #67. calyx <length, mm>/
 mm long/ 0.5-1

51 #68. <236> corolla <number of parts>/ 3
 segments/

- 52 #69. <240> corolla <whether parts joined or free>/
 1. free <or almost so> <polysepalous>/
 2. of joined and free segments <partially gamosepalous>/
 3. joined <gamosepalous>/

- #70. <246?> corolla <where segments joined, shape>/
 1. rotate/
 2. 2-lipped/
 3. campanulate/
 4. tubular/
 5. urceolate/
 6. trumpet-like/
 7. spurred/
 8. ligulate/

- 54 #71. <255?> petals <or corolla lobes, whether incised>/
 1. deeply bifid/
 2. 2-lobed/
 3. fringed/
 4. entire/
 5. emarginate/

- 55 #72. corolla <length, mm>/
 mm long/ 1-3

- 56 #73.. <271> stamens <fertile, number>/ 9

- 57 #74. <269> staminodes <number>/ 3

- 58 #75. <265?> stamens <freedom>/
 1. free/
 2. fused/
 3. some fused and some free/

- 59 #76. stamens <insertion>/
 1. opposite sepals/
 2. opposite petals/
 3. in continuous whorl/
 4. on corolla tube/
 5. in corolla throat/
 6. free from corolla/

- 60 #77. <283?> anthers dehiscing <mechanism>/
 1. by pores/
 2. by vertical slits/
 3. by transverse slits/
 4. by valves/
 5. <other, specify>/

- 61 #78. <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 #79. <318> ovary <position>/
 1. superior/ and
 2. partly inferior/
 3. inferior/ *in fruit*
<appearing>

63

<326> ovary <locule number of syncarpous gynoecia>/
lar/

<333?> styles <number>/ !

<336?> styles <insertion>/
cal/
eral/
nobasic/

66 simple

?379, 381, 382> fruit <type>/
ume/
ent/
icle/
ene/
ara/
/
pe/
y/
icarps/
psule/
icule/
iqua/
yopsis/
ther, specify>/

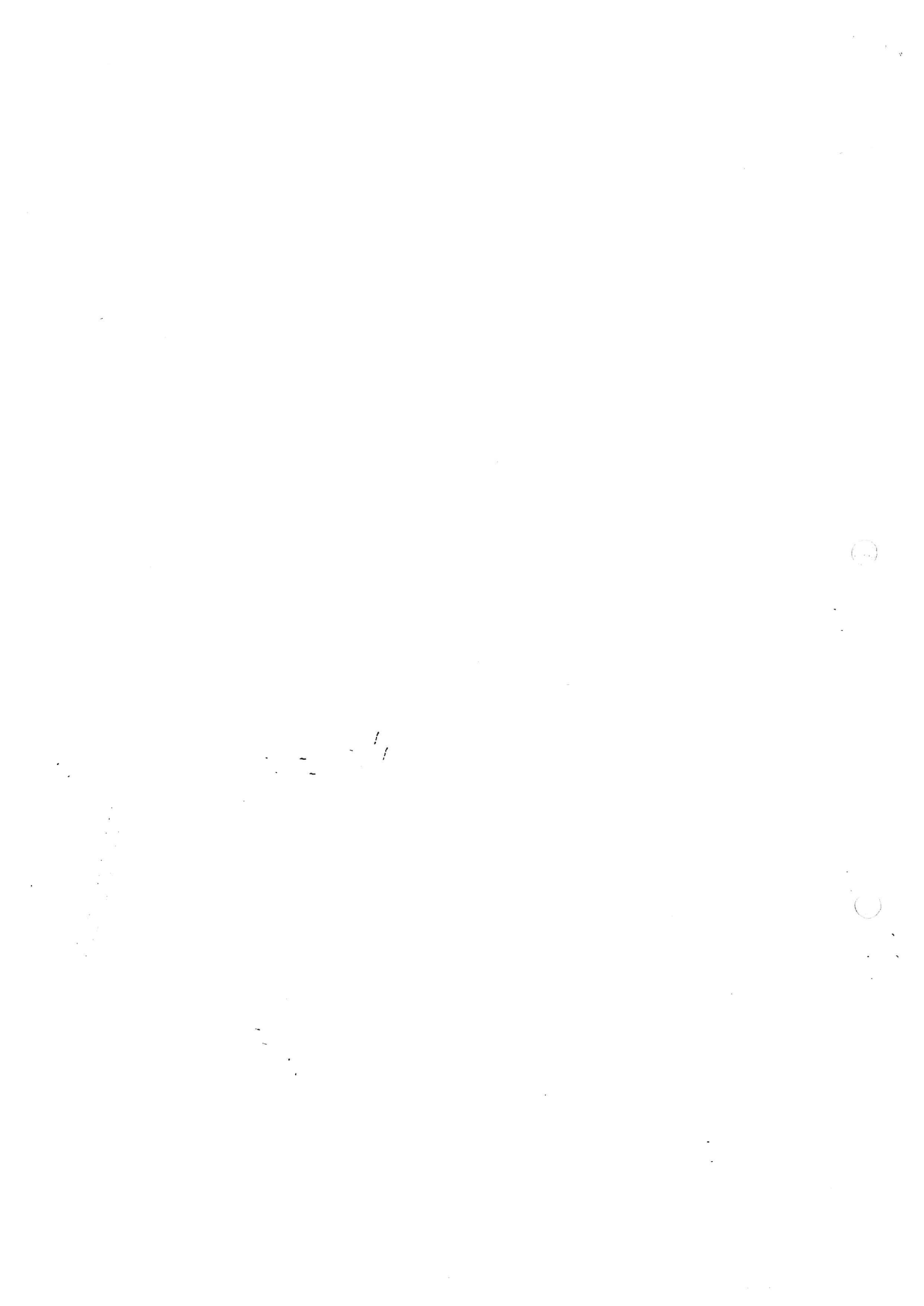
378, 380> fruit <whether dehiscent>/
scent/
hiscent/

it <length, mm>/
lg/ 4.5-11

it <width, mm>/
le/ 2.5-3.5

xt> <complete description, added only at completion of flora>/

h



CHARACTER LIST

Cassytha micrantha

ms 22/11

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. Voren/
 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. <text> <date> compiled/

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

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

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

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

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

#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/
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. <647> 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/ 0.5

- 23. <C> <543> leaves <total leaf width, mm>/
 - mm wide/ 0.2

- 4. <C> <50> leaves <whether simple or compound>/
 - 1. simple/
 - 2. compound/

- 5. <C> <simple leaves> blade <dissection>/
 - 1. dissected/
 - 2. entire <apart from margin>/

- 26. <simple leaves> blade <shape> <ref: Flora of Perth>/
 - 1. elliptic/
 - 2. oblong/
 - 3. rhombic/
 - 4. ovate/
 - 5. obovate/
 - 6. trullate/
 - 7. obtrullate/
 - 8. triangular/
 - 9. obtriangular

26. 2019

- 27. <simple leaves> blade <when elliptic, qualifier> <ref: Flora of Perth>/
 - 1. narrowly/
 - 2. broadly/
 - 3. circular/
 - 4. transversely broadly/
 - 5. transversely/

- 28. <simple leaves> blade <when oblong, qualifier> <ref: Flora of Perth>/
 - 1. narrowly/
 - 2. broadly/
 - 3. square/
 - 4. transversely broadly/
 - 5. transversely/

- 29. <simple leaves> blade <when rhombic, qualifier> <ref: Flora of Perth>/
 - 1. narrowly/
 - 2. broadly/
 - 3. quadrate/

4. transversely broadly/
5. transversely/

#30. <simple leaves> blade <when ovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#31. <simple leaves> blade <when obovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#32. <simple leaves> blade <when trullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#33. <simple leaves> blade <when obtrullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#34. <simple leaves> blade <when triangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. deltate/
4. shallowly/

#35. <simple leaves> blade <when obtriangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. obdeltate/
4. shallowly/

#36. <39> <leaves> blade <mature form>/

1. flat/
2. folded/
3. rolled/
4. terete <includes semi-terete and angled forms>/

#37. <leaves> blade <when terete, mature form>/

1. terete/
2. semi-terete/
3. 3-angled/
4. 4-angled/

#38. <72> <leaves> margins/

1. flat/
2. revolute/
3. involute/

³⁰ #39. <71> <leaves> margins/

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

27. not twisted
28. not crenate
29. flat

4. dentate/

#40. ³¹ <542> <simple leaves> blade <length, mm>/
mm long/ 0.5

#41. ³² <543> <simple leaves> blade <width, mm>/
mm wide/ 0.2

#42. <53> leaves <compound form>/

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

#43. <compound leaves> leaflet blade <ultimate shape> <ref: Flora of Perth>/

1. elliptic/
2. oblong/
3. rhombic/
4. ovate/
5. obovate/
6. trullate/
7. obtrullate/
8. triangular/
9. obtriangular

#44. <compound leaves> leaflet blade <when elliptic, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. circular/
4. transversely broadly/
5. transversely/

#45. <compound leaves> leaflet blade <when oblong, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. square/
4. transversely broadly/
5. transversely/

#46. <compound leaves> leaflet blade <when rhombic, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. quadrate/
4. transversely broadly/
5. transversely/

#47. <compound leaves> leaflet blade <when ovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#48. <compound leaves> leaflet blade <when obovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#49. <compound leaves> leaflet blade <when trullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#50. <compound leaves> leaflet blade <when obrullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#51. <compound leaves> leaflet blade <when triangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. deltate/
4. shallowly/

#52. <compound leaves> leaflet blade <when obtriangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. obdeltate/
4. shallowly/

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

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

#54. <544> <compound leaves> leaflet blade <ultimate length, mm>/
mm long/

#55. <545> <compound leaves> leaflet blade <ultimate width, mm>/
mm wide/

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

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

40 #57. 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/

41
 18. <C> <175> flowers <arrangement>/
 1. solitary/
 2. aggregated <into inflorescences>/

42
 19. <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
 20. <165?> flowers <sexuality>/
 1. bisexual/
 2. unisexual/

44
 21. <186> <flowers> bracts <whether bracteate>/
 1. present/
 2. absent/

45
 22. <188> <flowers> bracteoles <whether bracteolate>/
 1. present/
 2. absent/

46
 23. <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
 24. <202> floral tube <presence>/
 1. present/
 2. absent/

48
 25. <219> calyx <number of parts>/ 3

49
 26. <222> calyx <whether parts joined or free>/
 1. free <or almost so> <polysepalous>/
 2. of joined and free segments <partially gamosepalous>/
 3. joined <gamosepalous>/

50
 27. calyx <length, mm>/
 0.3-0.4

51
 28. <236> corolla <number of parts>/ 3
 segments/

- 52 #69. <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 #70. <246?> corolla <where segments joined, shape>/
 1. rotate/
 2. 2-lipped/
 3. campanulate/
 4. tubular/
 5. urceolate/
 6. trumpet-like/
 7. spurred/
 8. ligulate/

- 54 #71. <255?> petals <or corolla lobes, whether incised>/
 1. deeply bifid/
 2. 2-lobed/
 3. fringed/
 4. entire/
 5. emarginate/

- 55 #72. corolla <length, mm>/
 mm long/ 0.6

- 56 #73.. <271> stamens <fertile, number>/ 9

- 57 #74. <269> staminodes <number>/ 3

- 58 #75. <265?> stamens <freedom>/
 1. free/
 2. fused/
 3. some fused and some free/

- 59 #76. stamens <insertion>/
 1. opposite sepals/
 2. opposite petals/
 3. in continuous whorl/
 4. on corolla tube/
 5. in corolla throat/
 6. free from corolla/

- 60 #77. <283?> anthers dehiscing <mechanism>/
 1. by pores/
 2. by vertical slits/
 3. by transverse slits/
 4. by valves/
 5. <other, specify>/

- * #78. <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>/

- 2 #79. <318> ovary <position>/
 1. superior/ and
 2. partly inferior/
 3. inferior/ <in fruit>
 <appearing>

⁶³
#80. <326> ovary <locule number of syncarpous gynoecia>/ |
locular/

⁶⁴
#81. <333?> styles <number>/ |

⁶⁵
#82. <336?> styles <insertion>/

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

66 simple

⁶⁸
#83. <?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>/

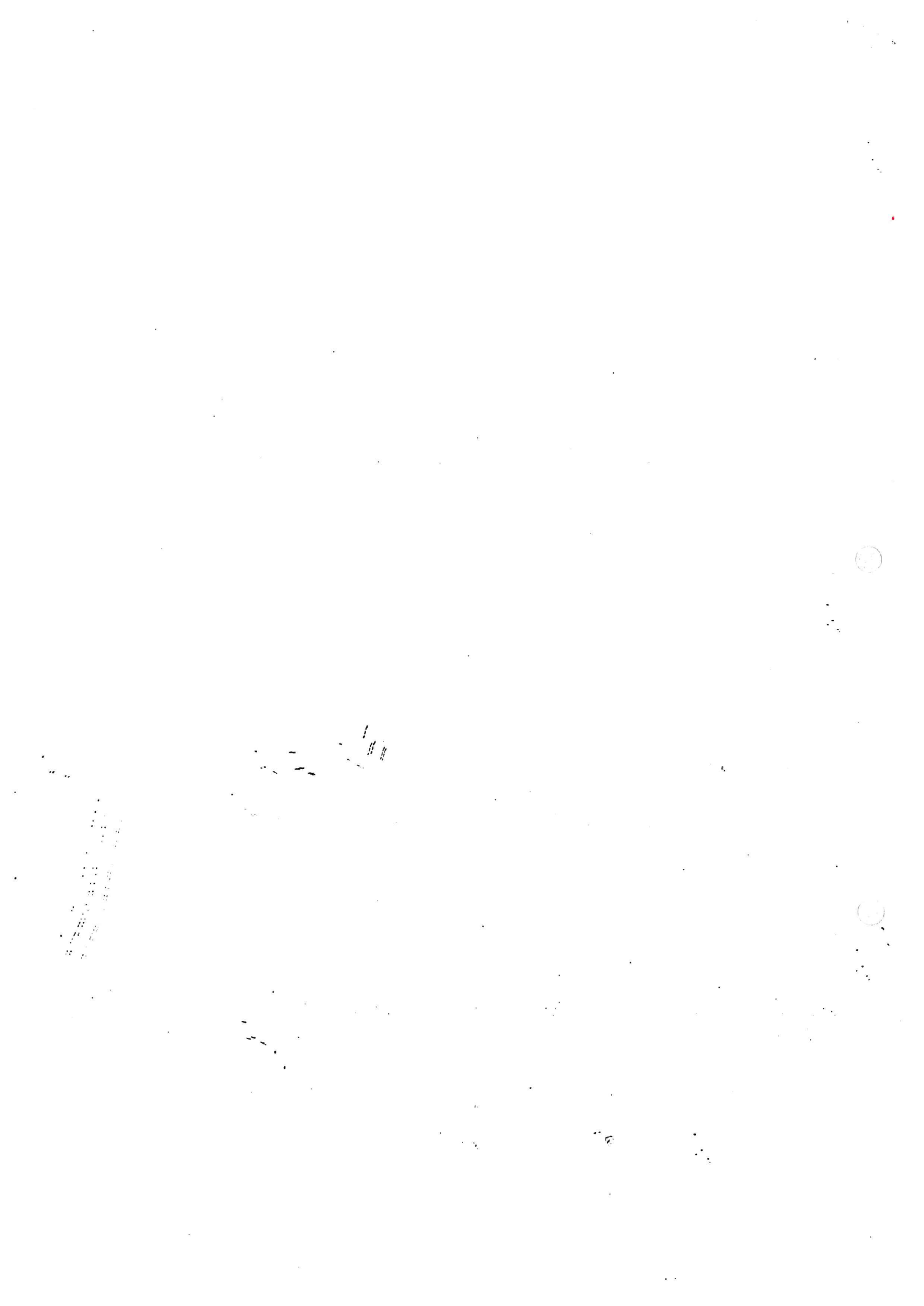
⁶⁹
#84. <?378, 380> fruit <whether dehiscent>/

- 1. dehiscent/
- 2. indehiscent/

⁷⁰
#85. fruit <length, mm>/
mm long/

⁷¹
#86. fruit <width, mm>/
mm wide/

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



CHARACTER LIST

Cassythia pomiformis

Ans 22/11

- #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. <text> <date> compiled/

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

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

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

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

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

#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/
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>/

- 9. leaves <opposite, whether decussate>/
 - 1. decussate/
 - 2. not decussate <implicit>/

- 20. <647> stipule <presence>/
 - 1. present <well developed, leaves stipulate>/
 - 2. absent <or much reduced, leaves exstipulate>/

- 1. <42> leaves <whether petiolate>/
 - 1. petiolate/
 - 2. subsessile/
 - 3. sessile/
 - 4. perfoliate/

- 22. <C> <542> leaves <total leaf length, mm>/
mm long/ 1-1.5

- 23. <C> <543> leaves <total leaf width, mm>/
mm wide/ 0.5-0.8

- 24. <C> <50> leaves <whether simple or compound>/
 - 1. simple/
 - 2. compound/

- 5. <50> <simple leaves> blade <dissection>/
 - 1. dissected/
 - 2. entire <apart from margin>/

- 6. <simple leaves> blade <shape> <ref: Flora of Perth>/
 - 1. elliptic/
 - 2. oblong/
 - 3. rhombic/
 - 4. ovate/
 - 5. obovate/
 - 6. trullate/
 - 7. obtrullate/
 - 8. triangular/
 - 9. obtriangular

26. 20

- 7. <simple leaves> blade <when elliptic, qualifier> <ref: Flora of Perth>/
 - 1. narrowly/
 - 2. broadly/
 - 3. obovate ar/
 - 4. transversely broadly/
 - 5. transversely/

- 8. <simple leaves> blade <when oblong, qualifier> <ref: Flora of Perth>/
 - 1. narrowly/
 - 2. broadly/
 - 3. square/
 - 4. transversely broadly/
 - 5. transversely/

- 9. <simple leaves> blade <when rhombic, qualifier> <ref: Flora of Perth>/
 - 1. narrowly/
 - 2. broadly/
 - 3. quadrate/

- 4. transversely broadly/
- 5. transversely/

#30. <simple leaves> blade <when ovate, qualifier> <ref: Flora of Perth>/

- 1. narrowly/
- 2. broadly/
- 3. very broadly/
- 4. depressed/

#31. <simple leaves> blade <when obovate, qualifier> <ref: Flora of Perth>/

- 1. narrowly/
- 2. broadly/
- 3. very broadly/
- 4. depressed/

#32. <simple leaves> blade <when trullate, qualifier> <ref: Flora of Perth>/

- 1. narrowly/
- 2. broadly/
- 3. very broadly/
- 4. depressed/

#33. <simple leaves> blade <when obtrullate, qualifier> <ref: Flora of Perth>/

- 1. narrowly/
- 2. broadly/
- 3. very broadly/
- 4. depressed/

#34. <simple leaves> blade <when triangular, qualifier> <ref: Flora of Perth>/

- 1. narrowly/
- 2. broadly/
- 3. deltate/
- 4. shallowly/

#35. <simple leaves> blade <when obtriangular, qualifier> <ref: Flora of Perth>/

- 1. narrowly/
- 2. broadly/
- 3. obdeltate/
- 4. shallowly/

#36. <39> <leaves> blade <mature form>/

- 1. flat/
- 2. folded/
- 3. rolled/
- 4. terete <includes semi-terete and angled forms>/

#37. <leaves> blade <when terete, mature form>/

- 1. terete/
- 2. semi-terete/
- 3. 3-angled/
- 4. 4-angled/

#38. <72> <leaves> margins/

- 1. flat/
- 2. revolute/
- 3. involute/

30 #39. <71> <leaves> margins/

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

27. not twisted
28. not ciliate
29. flat

4. dentate/

³¹
#40. <542> <simple leaves> blade <length, mm>/
mm long/ 1-1.5

³²
#41. <543> <simple leaves> blade <width, mm>/
mm wide/ 0.5-0.8

#42. <53> leaves <compound form>/

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

#43. <compound leaves> leaflet blade <ultimate shape> <ref: Flora of Perth>/

1. elliptic/
2. oblong/
3. rhombic/
4. ovate/
5. obovate/
6. trullate/
7. obtrullate/
8. triangular/
9. iangular

#44. <compound leaves> leaflet blade <when elliptic, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. circular/
4. transversely broadly/
5. transversely/

#45. <compound leaves> leaflet blade <when oblong, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. square/
4. transversely broadly/
5. transversely/

#46. <compound leaves> leaflet blade <when rhombic, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. adrate/
4. transversely broadly/
5. transversely/

#47. <compound leaves> leaflet blade <when ovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#48. <compound leaves> leaflet blade <when obovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#49. <compound leaves> leaflet blade <when trullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#50. <compound leaves> leaflet blade <when obtrullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#51. <compound leaves> leaflet blade <when triangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. deltate/
4. shallowly/

#52. <compound leaves> leaflet blade <when obtriangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. obdeltate/
4. shallowly/

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

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

#54. <544> <compound leaves> leaflet blade <ultimate length, mm>/
mm long/

#55. <545> <compound leaves> leaflet blade <ultimate width, mm>/
mm wide/

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

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

10 #57. 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/

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

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

39. 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>/

40. ⁴³ <1657> flowers <sexuality>/

- 1. bisexual/
- 2. unisexual/

hermaphrodite

41. ⁴⁴ <C> <flowers> bracts <whether bracteate>/

- 1. present/
- 2. absent/

42. ⁴⁵ <188> <flowers> bracteoles <whether bracteolate>/

- 1. present/
- 2. absent/

43. 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/

44. ⁴⁷ <202> floral tube <presence>/

- 1. present/
- 2. absent/

45. ⁴⁸ <219> calyx <number of parts>/ 3

46. ⁴⁹ <222> calyx <whether parts joined or free>/

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

47. ⁵⁰ calyx <length, mm>/

mm long/ 0.5

48. ⁵¹ <236> corolla <number of parts>/ 83

segments/

52 #69. <240> corolla <whether parts joined or free>/

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

#70. <246?> corolla <where segments joined, shape>/

1. rotate/
2. 2-lipped/
3. campanulate/
4. tubular/
5. urceolate/
6. trumpet-like/
7. spurred/
8. ligulate/

54 #71. <255?> petals <or corolla lobes, whether incised>/

1. deeply bifid/
2. 2-lobed/
3. fringed/
4. entire/
5. emarginate/

55 #72. corolla <length, mm>/
mm long/ 105-2

56 #73.. <271> stamens <fertile, number>/ 9

57 #74. <269> staminodes <number>/ 3

58 #75. <265?> stamens <freedom>/

1. free/
2. fused/
3. some fused and some free/

59 #76. stamens <insertion>/

1. opposite sepals/
2. opposite petals/
3. in continuous whorl/
4. on corolla tube/
5. in corolla throat/
6. free from corolla/

60 #77. <283?> anthers dehiscing <mechanism>/

1. by pores/
2. by vertical slits/
3. by transverse slits/
4. by valves/
5. <other, specify>/

61 #78. <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 #79. <318> ovary <position>/

1. superior/ *and*
2. partly inferior/
3. inferior/ *<in fruit>*
appearing

#80. ⁶³ <326> ovary <locule number of syncarpous gynoecia>/ |
locular/

#81. ⁶⁴ <333?> styles <number>/]

#82. ⁶⁵ <336?> styles <insertion>/

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

66. simple

#83. ⁶⁹ <?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>/

#84. ⁷⁰ <?78, 380> fruit <whether dehiscent>/

- 1. dehiscent/
- 2. indehiscent/

#85. ⁷¹ fruit <length, mm>/
mm long/ 10

#86. ⁷² fruit <width, mm>/
mm wide/ 6

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



MS 23/11

CHARACTER LIST

Cassytha racemosa

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. <text> <date> compiled/

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

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

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

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

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

#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/
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/

- 4-ranked/
- 3-ranked <tristichous>/
- 9. leaves <opposite, whether decussate>/
 - 1. decussate/
 - 2. not decussate <implicit>/
- 10. <64?> stipule <presence>/
 - 1. present <well developed, leaves stipulate>/
 - 2. absent <or much reduced, leaves exstipulate>/
- 21. <42> leaves <whether petiolate>/
 - 1. petiolate/
 - 2. sessile/
 - 3. sessile/
 - 4. perfoliate/

22. <C> <542> leaves <total leaf length, mm>/
mm long/ 1.5-2

23. <C> <543> leaves <total leaf width, mm>/
mm wide/ 0.5-0.8

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

25. <56> <simple leaves> blade <dissection>/
1. dissected/

26. <simple leaves> blade <shape> <ref: Flora of Perth>/
1. elliptic/
2. oblong/
3. rhombic/
4. ovate/

26. 19

27. <simple leaves> blade <when elliptic, qualifier> <ref: Flora of Perth>/
1. narrowly/
2. broadly/
3. circular/
4. transversely broadly/
5. transversely/

28. <simple leaves> blade <when oblong, qualifier> <ref: Flora of Perth>/
1. narrowly/
2. broadly/
3. square/
4. transversely broadly/
5. transversely/

29. <simple leaves> blade <when rhombic, qualifier> <ref: Flora of Perth>/
1. narrowly/
2. broadly/
3. quadrate/

4. transversely broadly/
5. transversely/

#30. <simple leaves> blade <when ovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#31. <simple leaves> blade <when obovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#32. <simple leaves> blade <when trullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#33. <simple leaves> blade <when obtrullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#34. <simple leaves> blade <when triangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. deltate/
4. shallowly/

#35. <simple leaves> blade <when obtriangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. obdeltate/
4. shallowly/

#36. <39> <leaves> blade <mature form>/

1. flat/
2. folded/
3. rolled/
4. terete <includes semi-terete and angled forms>/

#37. <leaves> blade <when terete, mature form>/

1. terete/
2. semi-terete/
3. 3-angled/
4. 4-angled/

#38. <72> <leaves> margins/

1. flat/
2. revolute/
3. involute/

30. #39. <71> <leaves> margins/

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

27. not twisted
28. not ciliate
29. flat

4. dentate/

#40. ³¹<542> <simple leaves> blade <length, mm>/
mm long/ 1.5-2

#41. ³²<543> <simple leaves> blade <width, mm>/
mm wide/ 0.5-0.8

#42. <53> leaves <compound form>/

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

#43. <compound leaves> leaflet blade <ultimate shape> <ref: Flora of Perth>/

1. elliptic/
2. oblong/
3. rhombic/
4. ovate/
5. obovate/
6. trullate/
7. obturllate/
8. triangular/
9. riangular

#44. <compound leaves> leaflet blade <when elliptic, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. circular/
4. transversely broadly/
5. transversely/

#45. <compound leaves> leaflet blade <when oblong, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. square/
4. transversely broadly/
5. transversely/

#46. <compound leaves> leaflet blade <when rhombic, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. drate/
4. transversely broadly/
5. transversely/

#47. <compound leaves> leaflet blade <when ovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#48. <compound leaves> leaflet blade <when obovate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#49. <compound leaves> leaflet blade <when trullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#50. <compound leaves> leaflet blade <when obrullate, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. very broadly/
4. depressed/

#51. <compound leaves> leaflet blade <when triangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. deltate/
4. shallowly/

#52. <compound leaves> leaflet blade <when obtriangular, qualifier> <ref: Flora of Perth>/

1. narrowly/
2. broadly/
3. obdeltate/
4. shallowly/

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

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

#54. <544> <compound leaves> leaflet blade <ultimate length, mm>/
mm long/

#55. <545> <compound leaves> leaflet blade <ultimate width, mm>/
mm wide/

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

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

#57. 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/

41
#58. <C> <175> flowers <arrangement>/
 1. solitary/
 2. aggregated <into inflorescences>/

42
#59. <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
#60. <165> flowers <sexuality>/ *hermaphrodite*
 1. bisexual/
 2. unisexual/

44
#61. <166> <flowers> bracts <whether bracteate>/
 1. present/
 2. absent/

45
#62. <188> <flowers> bracteoles <whether bracteolate>/
 1. present/
 2. absent/

46
#63. <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
#64. <202> floral tube <presence>/
 1. present/
 2. absent/ *<apparently>*

48
#65. <219> calyx <number of parts>/ *3*

49
#66. <222> calyx <whether parts joined or free>/
 1. free <or almost so> <polysepalous>/
 2. of joined and free segments <partially gamosepalous>/
 3. joined <gamosepalous>/

50
#67. calyx <length, mm>/
 in mm long/ *0.5-0.7*

51
#68. <236> corolla <number of parts>/ *3*
 segments/

- 52 #69. <240> corolla <whether parts joined or free>/
1. free <or almost so> <polysepalous>/
 2. of joined and free segments <partially gamosepalous>/
 3. joined <gamosepalous>/

- #70. <246?> corolla <where segments joined, shape>/
1. rotate/
 2. 2-lipped/
 3. campanulate/
 4. tubular/
 5. urceolate/
 6. trumpet-like/
 7. spurred/
 8. ligulate/

- 54 #71. <255?> petals <or corolla lobes, whether incised>/
1. deeply bifid/
 2. 2-lobed/
 3. fringed/
 4. entire/
 5. emarginate/

- 55 #72. corolla <length, mm>/
mm long/ 1-2

- 56 #73.. <271> stamens <fertile, number>/ 6

- 57 #74. <269> staminodes <number>/ 6

- 58 #75. <265?> stamens <freedom>/
1. free/
 2. fused/
 3. some fused and some free/

- 59 #76. stamens <insertion>/
1. opposite sepals/
 2. opposite petals/
 3. in continuous whorl/
 4. on corolla tube/
 5. in corolla throat/
 6. free from corolla/

- 60 #77. <283?> anthers dehiscing <mechanism>/
1. by pores/
 2. by vertical slits/
 3. by transverse slits/
 4. by valves/
 5. <other, specify>/

- 1 #78. <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>/

- 2 #79. <318> ovary <position>/
1. superior/
 2. partly inferior/
 3. inferior/ <inferior>
<apparently>

#80. ⁶³ <326> ovary <locule number of syncarpous gynoecia>/
locular/

#81. ⁶⁴ <333?> styles <number>/ 1

#82. ⁶⁵ <336?> styles <insertion>/
1. apical/
2. lateral/
3. gynobasic/

66. simple

#83. 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>/

#84. ⁶⁹ <378, 380> fruit <whether dehiscent>/
1. dehiscent/
2. indehiscent/

#85. ⁷⁰ fruit <length, mm>/
mm long/ 7-11

#86. ⁷¹ fruit <width, mm>/
mm wide/ 5-8

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

