

# Capítulo VI

Cadeia do Espinhaço, Minas Gerais, Brasil  
Asclepiadoideae (Apocynaceae)

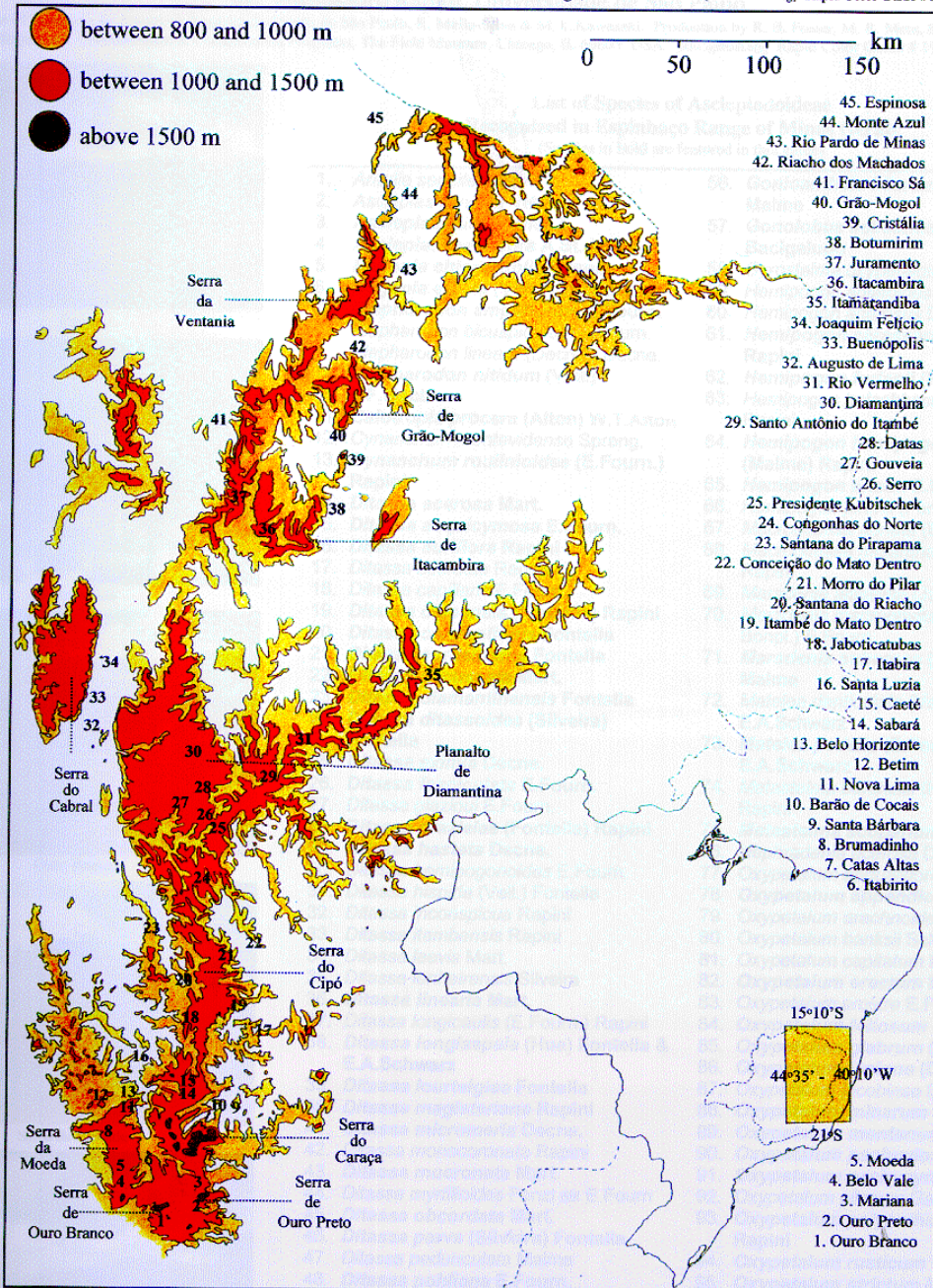
- Guia de Campo -

# ESPINHAÇO RANGE, Minas Gerais, Brazil

## ASCLEPIADOIDEAE (Apocynaceae)

by: Alessandro Rapini, Universidade de São Paulo

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Espinhaço Range of Minas Gerais (adapted from "Carta do Brasil ao Milionésimo", IBGE, 1972) with towns and localities indicated.



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Caraça



Diamantina



Ouro Branco



Serra da Piedade



Serra do Cipó

### List of Species of Asclepiadoideae Recognized in Espinhaço Range of Minas Gerais

(Species in **bold** are featured in this guide)

- |   |  |
|---|--|
| 1. <i>Araujia sericifera</i> Brot.                          | 56. <i>Gonioanthera hilariana</i> (E.Fourn.) Malme           |
| 2. <i>Asclepias candida</i> Vell.                           | 57. <i>Gonolobus selleanus</i> (E.Fourn.) Bacigalupo         |
| 3. <i>Asclepias curassavica</i> L.                          | 58. <i>Gyrostelma oxypetaloides</i> E.Fourn.                 |
| 4. <i>Asclepias mellodora</i> A.St.-Hil.                    | 59. <i>Hemipogon abietoides</i> E.Fourn.                     |
| 5. <i>Barjonia chloraeifolia</i> Decne.                     | 60. <i>Hemipogon acerosus</i> Decne.                         |
| 6. <i>Barjonia erecta</i> (Vell.) K.Schum.                  | 61. <i>Hemipogon carassensis</i> (Malme) Rapini              |
| 7. <i>Blepharodon ampliflorum</i> E.Fourn.                  | 62. <i>Hemipogon furlanii</i> (Fontella) Rapini              |
| 8. <i>Blepharodon bicuspidatum</i> E.Fourn.                 | 63. <i>Hemipogon hatschbachii</i> (Fontella) Rapini          |
| 9. <i>Blepharodon lineare</i> (Decne.) Decne.               | 64. <i>Hemipogon hemipogonoides</i> (Malme) Rapini           |
| 10. <i>Blepharodon nitidum</i> (Vell.) J.F.Macbr.           | 65. <i>Hemipogon luteus</i> E.Fourn.                         |
| 11. <i>Calotropis procera</i> (Aiton) W.T.Aiton             | 66. <i>Hemipogon piranii</i> (Fontella) Rapini               |
| 12. <i>Cynanchum montevidense</i> Spreng.                   | 67. <i>Macroditassa adnata</i> (E.Fourn.) Malme              |
| 13. <i>Cynanchum roulinoioides</i> (E.Fourn.) Rapini        | 68. <i>Macroditassa melantha</i> (Silveira) Rapini           |
| 14. <i>Ditassa acerosa</i> Mart.                            | 69. <i>Marsdenia altissima</i> (Jacq.) Dugand                |
| 15. <i>Ditassa aequicymosa</i> E.Fourn.                     | 70. <i>Marsdenia macrophylla</i> (Humb. & Bonpl.) E.Fourn.   |
| 16. <i>Ditassa auriflora</i> Rapini                         | 71. <i>Marsdenia suberosa</i> (E.Fourn.) Malme               |
| 17. <i>Ditassa bifurcata</i> Rapini                         | 72. <i>Matelea denticulata</i> (Vahl) Fontella & E.A.Schwarz |
| 18. <i>Ditassa capillaris</i> E.Fourn.                      | 73. <i>Matelea pedalis</i> (E.Fourn.) Fontella & E.A.Schwarz |
| 19. <i>Ditassa cipoensis</i> (Fontella) Rapini              | 74. <i>Metastelma burchellii</i> (Hook. & Arn.) Rapini       |
| 20. <i>Ditassa conceptionis</i> Fontella                    | 75. <i>Metastelma scoparium</i> (Nutt.) Vail                 |
| 21. <i>Ditassa cordeiroana</i> Fontella                     | 76. <i>Nephradenia acerosa</i> Decne.                        |
| 22. <i>Ditassa decussata</i> Mart.                          | 77. <i>Oxypetalum aequaliflorum</i> E.Fourn.                 |
| 23. <i>Ditassa diamantinensis</i> Fontella                  | 78. <i>Oxypetalum appendiculatum</i> Mart.                   |
| 24. <i>Ditassa ditassoides</i> (Silveira) Fontella          | 79. <i>Oxypetalum arachnoideum</i> E.Fourn.                  |
| 25. <i>Ditassa eximia</i> Decne.                            | 80. <i>Oxypetalum banksii</i> Schult.                        |
| 26. <i>Ditassa fasciculata</i> E.Fourn.                     | 81. <i>Oxypetalum capitatum</i> Mart.                        |
| 27. <i>Ditassa glaziovii</i> E.Fourn.                       | 82. <i>Oxypetalum erectum</i> Mart.                          |
| 28. <i>Ditassa grazielae</i> (Fontella) Rapini              | 83. <i>Oxypetalum erostre</i> E.Fourn.                       |
| 29. <i>Ditassa hastata</i> Decne.                           | 84. <i>Oxypetalum foliosum</i> Mart.                         |
| 30. <i>Ditassa hemipogonoides</i> E.Fourn.                  | 85. <i>Oxypetalum glabrum</i> (Decne.) Malme                 |
| 31. <i>Ditassa hispida</i> (Vell.) Fontella                 | 86. <i>Oxypetalum insigne</i> (Decne.) Malme                 |
| 32. <i>Ditassa inconspicua</i> Rapini                       | 87. <i>Oxypetalum jacobinae</i> Decne.                       |
| 33. <i>Ditassa itambensis</i> Rapini                        | 88. <i>Oxypetalum minarum</i> E.Fourn.                       |
| 34. <i>Ditassa laevis</i> Mart.                             | 89. <i>Oxypetalum montanum</i> Mart.                         |
| 35. <i>Ditassa lenheirensis</i> Silveira                    | 90. <i>Oxypetalum pachyglossum</i> Decne.                    |
| 36. <i>Ditassa linearis</i> Mart.                           | 91. <i>Oxypetalum pachygynum</i> Decne.                      |
| 37. <i>Ditassa longicaulis</i> (E.Fourn.) Rapini            | 92. <i>Oxypetalum pilosum</i> Gardner                        |
| 38. <i>Ditassa longisepala</i> (Hua) Fontella & E.A.Schwarz | 93. <i>Oxypetalum polyanthum</i> (Hoehne) Rapini             |
| 39. <i>Ditassa lourteigiae</i> Fontella                     | 94. <i>Oxypetalum rusticum</i> Rapini                        |
| 40. <i>Ditassa magisteriana</i> Rapini                      | 95. <i>Oxypetalum strictum</i> Mart.                         |
| 41. <i>Ditassa micromeria</i> Decne.                        | 96. <i>Oxypetalum warmingii</i> E.Fourn.                     |
| 42. <i>Ditassa monocranata</i> Rapini                       | 97. <i>Oxypetalum wightianum</i> Hook. & Arn.                |
| 43. <i>Ditassa mucronata</i> Mart.                          | 98. <i>Peplonia asteria</i> (Vell.) Fontella & E.A.Schwarz   |
| 44. <i>Ditassa myrtilloides</i> Fenzl ex E.Fourn.           | 99. <i>Tassadia propinqua</i> Decne.                         |
| 45. <i>Ditassa obcordata</i> Mart.                          |  |
| 46. <i>Ditassa parva</i> (Silveira) Fontella                |  |
| 47. <i>Ditassa pedunculata</i> Malme                        |  |
| 48. <i>Ditassa pohliana</i> E.Fourn.                        |  |
| 49. <i>Ditassa polygaloides</i> Silveira                    |  |
| 50. <i>Ditassa refractifolia</i> K.Schum.                   |  |
| 51. <i>Ditassa retusa</i> Mart.                             |  |
| 52. <i>Ditassa semirii</i> (Fontella) Rapini                |  |
| 53. <i>Ditassa succedanea</i> Rapini                        |  |
| 54. <i>Ditassa tomentosa</i> (Decne.) Fontella              |  |
| 55. <i>Gomphocarpus physocarpus</i> E.Mey.                  |  |



ESPINHAÇO RANGE, Minas Gerais, Brazil  
**ASCLEPIADOIDEAE (Apocynaceae)**

1

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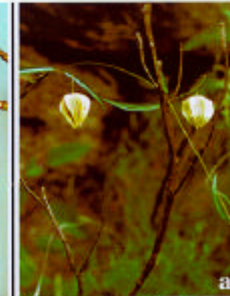
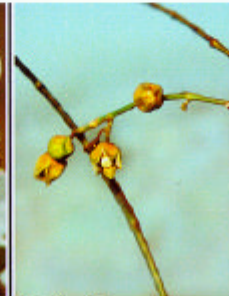
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1 **Asclepias curassavica** -- Herb; common in urban areas, not frequent in Espinhaço Range.

2 **Asclepias mellodora**  
 Herb; grasslands.

3 **Barjonia chloraeifolia** →



← (*Barjonia chloraeifolia*) Herb; rocky soil; only in Espinhaço Range.

4 **Barjonia erecta**  
 Herb; open fields.

5 **Blepharodon ampliflorum** -- Vine; savanna or open fields.



6 **Blepharodon nitidum** -- Vine; gallery forest or disturbed areas; common.

7 **Calotropis procera** -- Shrub; roadsides in warm regions; introduced from Asia. →



← (*Calotropis procera*)

8 **Cynanchum roulinioides** -- Vine; occasional in Espinhaço Range.

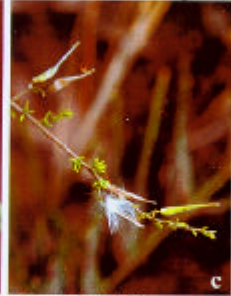
9 **Ditassa acerosa** -- →



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← (*Ditassa serosa*) Shrub, terminal branches sometimes twining; savanna and open fields; frequent.

10 *Ditassa acquicymosa* -- Vine; only in Espinhaço Range.

11 *Ditassa auriflora* -- →



← (*Ditassa atriflora*) Shrub; only in Itacambú mountains.

12 *Ditassa cipoensis* -- Vine; only in Serra do Cipó.

13 *Ditassa conceptionis* →



← (*Ditassa conceptionis*) Vine; mountain forests; Minas Gerais and Rio de Janeiro; rare.

14 *Ditassa cordeiroana* -- Vine, or shrub with twining branches; only in Circo-Mogol region.



15 *Ditassa decussata* -- Shrub; rocks or sandy soil of "campo rupestre"; frequent.

16 *Ditassa diamantinensis* -- Decumbent shrub; Known only from one small population in Diamantina plateau. →



ESPINHAÇO RANGE, Minas Gerais, Brazil  
**ASCLEPIADOIDEAE (Apocynaceae)**

3

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← (*Ditassa damianensis*)



17 ***Ditassa ditassoides*** -- Herb; sandy or stony soil, frequent in Espinhaço Range.



18 ***Ditassa eximia*** -- →



← (*D. eximia*) Vine, twining shrub; frequent, but only in Espinhaço Range.



19 ***Ditassa fasciculata*** -- Shrub, usually twining; only in Espinhaço Range.



20 ***Ditassa graziellae***  
 Shrub; only in Diamantina plateau.



21 ***Ditassa hastata*** -- Shrub; "campo rupestre"; "savanna" or "caatinga."



22 ***Ditassa linearis*** -- Decumbent shrub or vine; on rocks; South Minas Gerais. →



← (*Ditassa longisepala*)



23 ***Ditassa longisepala*** -- Vine; scrubland; only in Ouro Preto region.



24 ***Ditassa lourteigiae***  
 Herb; sandy, wet soil; rare.



25 ***Ditassa magisteriana***  
 Shrub; on rocks; only Serra do Cipó.



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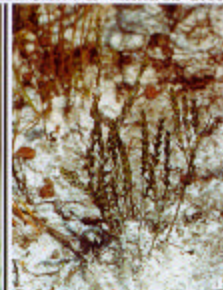
26 *Ditassa micromeria*  
Shrub; stony soil of open fields.



27 *Ditassa mucronata* --  
Vine; scrubland; mountain areas of Minas Gerais and Rio de Janeiro.



28 *Ditassa obcordata*  
Vine; disturbed vegetation or scrubland.



29 *Ditassa parva* -- →



← (*Ditassa parva*) Small shrub; sandy soil; only in Espinhaço Range.



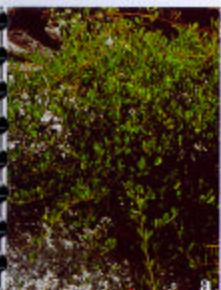
30 *Ditassa pohliana* --Vine; mostly in Bahia & N of Minas Gerais



31 *Ditassa refractifolia* --  
Shrub; on rocks; only in Diamantina plateau.



32 *Ditassa retusa*  
Vine; usually on tops of hills.



33 *Ditassa succedanea* --  
Vine or twining shrub; rock vegetation; almost restricted to Espinhaço Range.



34 *Gonioanthea hilariana* --  
Vine; mainly in South Minas Gerais.



35 *Gonolobus seloanus* →



← (*Gonolobus seloanus*) Vine; disturbed areas; occasional.



36 *Hemipogon carassensis* --  
Vine; savanna and "campo rupestre"; mainly in Espinhaço Range.



37 *Hemipogon furlanii* --  
Vine; only in Espinhaço Range.





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38 *Hemipogon hemipogonoides* -- Erect herb; restricted to sandy soil of Espinhaço Range.



39 *Hemipogon luteus* -- Vine; "campo rupestre"; only in Espinhaço Range.



40 *Marsdenia suberosa* --



← (*M. suberosa*) Vine; scrubland; Minas Gerais and Rio de Janeiro; rare.



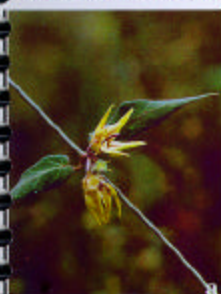
41 *Matelea pedalis* --



Shrub, with thick cortex and usually twining branches; near water.



42 *Metastelma scoparium* -- Vine; mainly mountain forests or border of scrublands.



43 *Oxypetalum appendiculatum* -- Vine; disturbed areas; common.



44 *Oxypetalum erectum* -- Erect herbs; open fields and grasslands.



45 *Oxypetalum foliosum* -- Erect herb; fields and pastures.



46 *Oxypetalum glabrum* -- Vine; mountain rocks; mainly in Espinhaço Range.



47 *Oxypetalum insigne* -- Vine; disturbed vegetation and borders.



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48 *Oxypetalum minarum* -- Vine; near streams or on wet soil; mainly in Ouro Preto region.

49 *Oxypetalum montanum* -- Vine; usually of open fields; Espinhaço Range.

50 *Oxypetalum pachyglossum* -- →



← (*Oxypetalum pachyglossum*)  
Vine; usually of swampy soils.

51 *Oxypetalum pachygynum* -- Vine; mainly of savannas.

52 *Oxypetalum polyanthum* -- Erect herb; open fields or disturbed areas; Espinhaço Range.



53 *Oxypetalum rusticum* -- Vine (dried); only in Diamantina plateau.

54 *Oxypetalum strictum* -- Vine or erect herb; rocky soil or scrubland; mainly in Espinhaço Range.



55 *Oxypetalum warmingii* -- Vine; savanna or scrubland; mainly in Diamantina plateau.

56 *Oxypetalum wightianum* -- Vine; river banks or forest borders.