

Key to the Indian and Burmese species of *Arisaema*

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1. Leaflets 3:
 2. Leaflets with distinct petiole:
 3. Appendix straight or gently curved:
 4. Appendix clavate, glabrous ----- *A. petiolulatum*
 4. Appendix plumose or feather-like ----- *A. album*
 3. Appendix bent and tapering:
 5. Margin of leaflets with dark colored lining ----- *A. speciosum*
 5. Margin of leaflets without any special lining ----- *A. galeatum*
 2. Leaflets sessile or subsessile:
 6. Leaflets broadly ovate or roundish:
 7. Leaf only one:
 8. Spathe obovate, deep purple:
 9. Petiole and peduncle verrucose ----- *A. verrucosum*
 9. Petiole and peduncle glabrous:
 10. Leaflets 3-5 cm. wide ----- *A. sikkimense*
 10. Leaflets 9-13 cm. wide:
 11. Spadix 15-18 cm. long ----- *A. costatum*
 11. Spadix 20-30 cm. long ----- *A. utile*
 8. Spathe lanceolate:
 12. Appendix stout, included, tip obtuse ----- *A. monbeigii*
 12. Appendix slender, exserted, tip acuminate ----- *A. prazeri*
 7. Leaf usually two, (solitary in male *A. pradhanii*):
 13. Spathe deeply colored, recurved, and hooded:
 14. Hood very large, appendix about 30 cm. ----- *A. pradhanii*
 14. Hood large, appendix less than 20 cm. ----- *A. griffithii*
 13. Spathe erect or suberect, appendix shortly exserted ----- *A. propinquum*
 6. Leaflets elongate ovate or narrowly elliptic:
 14. Appendix short, clavate ----- *A. wattii*
 14. Appendix long, filiform ----- *A. intermedium*
 1. Leaflets more than 3:
 15. Leaf pedate compound (not digitate):
 16. Central leaflet distinctly petiolulate:
 17. Lamina of central leaflet 20-25 cm. long ----- *A. decipiens*

17. Lamina of central leaflet 10-15 cm. long:
18. Leaflets five, plant with rhizome ----- *A. rhizomatum*
18. Leaflets 10-15, plant with corm ----- *A. tortuosum*
16. Central leaflet sessile or subsessile, spathe very short ----- *A. flavum*
15. Leaf palmate compound (all leaflets radiating from one point):
19. Leaflets usually 5-7:
20. All leaflets sessile including central leaflet:
21. Appendix tapering, acute:
22. Spathe with long tail, fruit ribbed ----- *A. jacquemontii*
22. Spathe without long tail, fruit not ribbed ----- *A. murrayi*
21. Appendix clavate or narrowly clavate, obtuse:
23. Limb of spathe dilated into two auricles:
24. Spadix more or less cylindrical throughout - *A. nepenthoides*
24. Spadix dilated below, narrow and bent above *A. auriculatum*
23. Limb of spathe not dilated into auricles:
25. Appendix abruptly swollen near the base ----- *A. wightii*
25. Appendix not abruptly swollen near base ----- *A. wardii*
20. Leaflets petiolulate, central one distinctly so:
26. Spathe limb dark purple, gradually tapering into a long tail *A. barnsii*
26. Spathe limb dark green, suddenly ending in a short tail ---
A. tylophorum
19. Leaflets 7-17:
27. Spathe limb erect or suberect:
28. Appendix clavate, obtuse:
29. Apex of leaflet long filiform ----- *A. consanguineum*
30. Apex of leaflet acute:
31. Apex tip spinescent ----- *A. echinatum*
31. Apex tip glabrous:
32. South India ----- *A. leschenaultii*
32. Khasi Hills ----- *A. fraternum*
29. Appendix tapering, tip acute or globulate:
33. Spathe with long tail:
34. Appendix tip smooth, glabrous ----- *A. erubescens*
34. Appendix tip rugulose ----- *A. concinnum*
33. Spathe with short tail:
35. Leaflets slender narrow 8-10 cm. long ----- *A. exile*
35. Leaflets medium lanceolate 16-20 cm. long:
36. Appendix 3-5 cm. gradually tapering, acute ---
A. attenuatum
36. Appendix 2-3 cm. ending in obtuse point *A. peltatum*
27. Spathe limb recurved or hooded:

- 37. Spathe cylindrical with a hooded limb:
 - 38. Hood veil-like with a lanceolate opening ----- *A. psittacus*
 - 38. Hood cuculate with an obcordate opening ----- *A. translucens*
- 37. Spathe broad with a recurved limb:
 - 39. Limb with constriction near base, appendix tapering ---
A. sarracenioides
 - 39. Limb without constriction, appendix clavate -- *A. tuberculatum*

Transcribed by G. R. Stilwell, Jr.
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