

Key to genera of Cactus Moths and their Relatives (Pyralidae: Phycitinae)

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This key was modified from Neunzig 1997, Simonsen 2008, and Heinrich 1956.

1.	Male.....	2
-	Female.....	21
2.	Antenna bipectinate.....	3
-	Antenna not bipectinate.....	8
3.	Flagellum of antenna with dorso-basal patch of scale-like sensilla	<i>Cactobrosis</i>
-	Flagellum of antenna without such patch.....	4
4.	Abdomen 8 with two pair of ventro-lateral scale tufts.....	<i>Amalafriada</i>
-	Abdomen 8 without two such tufts.....	5
5.	Forewing with M ₂ and M ₃ divided for less than half their length.....	<i>Melitara</i>
-	Forewing with M ₂ and M ₃ divided for more than half their length.....	6
6.	Sharp ridge between eye and labial palpus; ocellus placed in an anterior incision of chaetosomata	7
-	No ridge between eye and labial palpus; ocellus placed adjacent to chaetosomata.....	<i>Alberada</i>
7.	Antecosta of male T8 laterally lyre shaped.....	<i>Sigelgaita</i>
-	Antecosta of male T8 laterally curved but not lyre shaped.....	<i>Nanaia</i>
8.	Flagellum of antenna with dorso-basal patch of scale-like sensilla.....	9
-	Flagellum of antenna without such patch.....	11
9.	Hair-like sensilla on antenna almost as long as segments are wide.....	10
-	Hair-like sensilla on antenna clearly shorter than width of segment.....	<i>Ozamia</i>
10.	Forewing with RS ₂₊₃ and RS ₄ diverging after the end of RS ₁ ; forewing with M ₂ and M ₃ divided for less than half their length.....	<i>Baphala</i>
-	Forewing with RS ₂₊₃ and RS ₄ diverging before the end of RS ₁ ; forewing with M ₂ and M ₃ diverged for more than half their length.....	<i>Zophodia</i>
11.	Haustellum absent.....	<i>Rostrolaetilia</i>
-	Haustellum present.....	12
12.	Antenna serrate.....	13
-	Antenna not serrate.....	18

13. Maxillary palpus fan-shaped.....14
 - Maxillary palpus not fan-shaped.....*Echinocereta*
14. Hair-like sensilla on antenna almost as long as segments are wide.....15
 Hair-like sensilla on antenna clearly shorter than width of segment..*Salambola*
15. Sharp ridge between eye and labial palpus.....16
 - No ridge between eye and labial palpus.....*Tucumania*
16. Terminal segment of maxillary palpus pointed outwards.....*Cactoblastis*
 - Terminal segment of maxillary palpus not pointed outwards.....17
17. Head of gnathos fused except most terminally.....*Cahela*
 - Head of gnathos not fused except dorso-basally.....*Eremberga*
18. Dorsal base of uncus with a pair of rounded bumps.....*Rumatha*
 - Dorsal base of uncus without rounded bumps.....19
19. Sharp ridge between eye and labial palpus.....20
 - No ridge between eye and labial palpus.....*Yosemitia*
20. Chaetosomata placed posterior to dorso-basal corner of eye; tergal antecosta
 of A3 M-shaped.....*Laetilia*
 - Chaetosomata placed anterior to dorso-basal corner of eye; tergal antecosta
 of A3 ring-shaped.....*Rhagea*
21. Dorsal sclerotization of abdomen 8 in lateral view triangular and saddle-
 shaped.....22
 - Dorsal sclerotization of abdomen 8 different.....25
22. Antenna bipectinate.....*Melitara*
 - Antenna not bipectinate.....23
23. Lamella antevaginalis prominent, entire and sclerotized.....24
 - Lamella antevaginalis not prominent.....*Alberada*
24. Lamella antevaginalis with latero-anterior horns.....*Olyca*
 - Lamella antevaginalis anteriorly smooth and rounded.....*Cactoblastis*
25. Ductus seminalis attached anteriorly on corpus bursae.....26
 - Ductus seminalis attached more posterior on corpus bursae.....34
26. Maxillary palpus fan-shaped.....27
 - Maxillary palpus not fan-shaped.....29
27. Dorsal sclerotization of abdomen 8 with large, unsclerotized, V-shape
 basal incision.....28
 - Unsclerotized incision smaller and rounded.....*Amalafrida*

28. Hind wing cell with vestigial anterior cross veins.....*Salambola*
 - Hind wing cell fully open without vestigial anterior cross veins.....*Nanaia*
29. Forewing RS_{2+3} diverge well after the end of RS_130
 - Forewing RS_{2+3} diverge before the end of RS_1 *Zophodia*
30. Forewing M_2 and M_3 diverged for more than half their length.....31
 - Forewing M_2 and M_3 diverged for less than half their length.....*Baphala*
31. Forewing CuA_1 and CuA_2 close together at base, CuA_2 then sigmoid
 swung away from CuA_132
 - Forewing CuA_1 and CuA_2 not particularly close together, CuA_2 not
 sigmoid.....33
32. Hind wing cell with vestigial anterior cross veins.....*Cactobrosis*
 - Hind wing cell fully open without vestigial anterior cross veins...*Echinocereta*
33. Base of anterior apophysis narrow.....*Laetilia*
 - Base of anterior apophysis broad and diamond-shaped.....*Rhagea*
34. Dorsal sclerotization of abdomen 8 entire anteriorly; haustellum
 present.....35
 - Dorsal sclerotization of abdomen 8 incomplete anteriorly; haustellum
 absent.....*Rostrolaetilia*
35. Sharp ridge between eye and labial palpus.....36
 - No ridge between eye and labial palpus.....39
36. Dorsal sclerotization of abdomen 8 cylindrical.....37
 - Dorsal sclerotization of abdomen 8 flattened and clearly longer than high....
*Sigelgaita*
37. Base of posterior apophysis broad and diamond-shaped.....38
 - Base of posterior apophysis narrow.....*Rumatha*
38. Base of anterior apophysis broad with a ventral point; bursa ostium
 membranous ventrally.....*Cahela*
 - Base of anterior apophysis broad and diamond-shaped; bursa ostium
 sclerotized ventrally.....*Eremberga*
39. Ocellus placed in an anterior incision of chaetosomata.....*Tucumania*
 - Ocellus not placed in incision of chaetosomata.....40
40. Dorsal sclerotization of abdomen 8 with anterior centro-anterior incision.....
*Yosemitia*
 Dorsal sclerotization of abdomen 8 anteriorly entire.....*Ozamia*

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