



Keys to the Bats of Cuba

(applies only to adult individuals)

- 1 Tail length equal or greater than length of pelvic limb.....**2**
Tail length absent or shorter than length of pelvic limb.....**14**
- 2 Tail extends moderately (8mm) to greatly (40mm) beyond edge of uropatagium.....**3**
Tail ends at edge of uropatagium, or extends slightly (1-4mm) past the edge of uropatagium.....**8**
- 3 Length of forearm greater than 50mm.....**4**
Length of forearm less than 50mm.....**5**
- 4 Length of forearm is equal or three time greater than the length of tibia.....
.....***Nyctinomops macrotis***
Length of forearm is less than three times the length of tibia (less than 68mm)..... ***Eumops ferox***
- 5 Length of 2nd phalange of the 4th finger is greater than 5mm.....**6**
Length of 2nd phalange of the 4th finger is less than 5 mm.....**7**
- 6 Length of forearm is greater than 34 mm.....***Tadarida brasiliensis***
Length of forearm is less than 34 mm.....***Mormopterus minutus***
- 7 Length of forearm is greater than 39 mm.....***Nyctinomops laticaudatus***
Length of forearm is less than 39 mm.....***Molossus molossus***
- 8 Uropatagium fuses at foot.....**9**
Uropatagium does not fuse at foot.....**13**
- 9 Large ears which surpass the rostrum by more than 6mm when folded forwards.....***Antrozous koopmani***
Short ears which do not reach the rostrum, or only pass it by 1-3mm.....**10**
- 10 Length of forearm greater than 36mm.....**11**
Length of forearm less than 36 mm.....***Nycticeius cubanus***
- 11 3rd Metacarpal longer than forearm.....**12**
3rd Metacarpal shorter than forearm..... ***Eptesicus fuscus***
- 12 Length of forearm greater than 52mm.....***Lasiurus insularis***
Length of forearm less than 52mm.....***Lasiurus pfeifferi***
- 13 Plagiopatagium fuses with the pelvic limb in the middle or just above middle of tibia.....***Chilonatalus macer***
Plagiopatagium fuses with the pelvic limb below the middle point of the tibia.....***Nyctiellus lepidus***

14	Tail absent.....	15
	Tail present.....	17
15	Length of forearm greater than 49mm.....	16
	Length of forearm less than 49mm.....	<i>Phyllops falcatus</i>
16	Plagiopatagium fuses at foot; short (5-6mm), but well defined calcar.....	<i>Artibeus jamaicensis</i>
	Plagiopatagium fuses at ankle, reduced calcar (1-2mm).....	<i>Brachyphylla nana</i>
17	Tail longer, and extending border of uropatagium.....	18
	Tail shorter than uropatagium, but extending through the centre of the dorsal aspect of uropatagium.....	21
18	Tail longer than femur; defined uropatagium; pronounced calcar (9-14mm).....	<i>Macrotus waterhousii</i>
	Tail shorter than femur; reduced uropatagium; calcar absent or 1-2mm long.....	19
19	Length of forearm greater than 43 mm.....	20
	Length of forearm less than 43 mm.....	<i>Monophyllus redmani</i>
20	Length of tibia is greater than half the length of the forearm.....	<i>Phyllonycteris poeysi</i>
	Length of tibia is equal or less than half the length of the forearm.....	<i>Erophylla sezekorni</i>
21	Length of forearm greater than 70mm.....	<i>Noctilio leporinus</i>
	Length of forearm less than 70mm	22
22	Length of tibia greater than 19mm.....	23
	Length of tibia less than 19mm.....	24
23	4th and 5th metacarpals equal in length (+/- 2mm).....	<i>Pteronotus parnelli</i>
	4th metacarpal much longer than the 5th (difference no less than 5mm).....	<i>Mormoops blainvillii</i>
24	Looking at the middle of ventral edge of uropatagium, 7-10 small perpendicular ridges present. Length of forearm 39-45 mm.....	<i>Pteronotus macleayi</i>
	Uropatagium smooth, ridges absent. Length of forearm 35-41 mm.....	<i>Pteronotus quadridens</i>