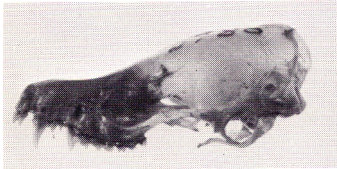



Additional Identifying Characteristics for *Myotis lucifugus* and *Myotis yumanensis*

CHARACTERS TO OBSERVE	<i>Myotis lucifugus</i>	<i>Myotis yumanensis</i>
Fur Appearance	Dark brown, lax and shiny, with <i>tan-tipped belly</i> fur	Light brown, dense and dull, with <i>white-tipped belly</i> fur
Length and Appearance of Foot	8-10mm, appears “small” for the bat’s size	9-11mm, appears “large” for the bat’s size
Mask Made by Face and Ears	Ears and muzzle noticeably dark, especially when compared to fur color	Ears and muzzle almost the same shade as fur; or at most only slightly darker
Forearm Length	35mm or greater	35mm or less
Upper Pre-molar appearance	One upper pre-molar (usually)	Two upper pre-molars (usually)
Slope of Forehead	Gently sloping forehead from braincase to rostrum	Abruptly sloped forehead from braincase to rostrum
		
Echolocation Call: Characteristic Freq.	Fc ~ 40 kHz (often < 40kHz)	Fc ~ 50 kHz (usually > 45kHz)

Sources: Hoffmeister, (1986) *Mammals of Arizona*; Schmidly, (1991) *Bats of Texas*; Fenton and Barclay, (1980) *Mammalian Species* 142: 1-8; Ingles, (1965) *Mammals of California and its Coastal Waters*; Rodhouse, et al., (2008), *Western North American Naturalist*, 68(4): 437-443; Weller, et al., (2007) *Acta Chiropterologica*, 9(1): 133-147.