

Characteristics of Eastern Bats

Species	Fur	4arm Avg (mm)	Weight (gr)	Foot (mm)	Ear (mm)	Tragus shape	Calcar	Other ID Traits
Brazilian Free-tailed Bat (<i>Tadarida brasiliensis</i>)	Short, brown to dark gray	43	11-14	8.6	19-20			Tail free from membrane
Rafinesque's Big-eared Bat (<i>Corynorhinus rafinesquii</i>)	Gray or brown above and whitish below	41	8-14	8-13	27-37	Broad and Long		Huge ears
Townsend's Big-eared Bat (<i>Corynorhinus townsendii</i>)	Clove-brown above and buffy below	43	9-13	9-13	27-39	Broad and Long		Huge ears
Big Brown Bat (<i>Eptesicus fuscus</i>)	Long brown - two toned black base	47	13-25	10-12	17-18	Broad and Rounded	Keeled	Large, prominent glands on muzzle
Eastern Pipistrelle (<i>Pipistrellus subflavus</i>)	Sandy brown to orange on back - tricolored,	33	4-7	8-10	13-15	Blunt and Straight	Not Keeled	Pink forearms, black wings
Evening Bat (<i>Nycticeius humeralis</i>)	Dull brown with paler belly, young much darker	36	5-14	7-8	14-15	short and rounded	Not Keeled	Strong odor!, prominent glands on muzzle single upper incisor

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Red Bat (<i>Lasiurus borealis</i>)	Bright red or rust color, females with frosting, males without	40	8-16	9-10	8-13	short, blunt and curved		Membrane between rear legs is completely furred
Seminole Bat (<i>Lasiurus seminolus</i>)	Mahogany brown with frosted tips above, paler below	40	8-15	6-11	7-14	short, blunt and curved		Membrane between rear legs is completely furred
Hoary Bat (<i>Lasiurus cinereus</i>)	Yellowish brown to dark brown with very heavy frosted tips	53	20-35	6-13	17	short, blunt and curved		Very large, membrane between rear legs is completely furred
Northern Yellow Bat (<i>Lasiurus intermedius</i>)	Yellowish brown, no white shoulder or wrist patches no frosting	48	14-20	10	?	short, blunt and curved		Membrane between rear legs is furred only on basal half
Silver-haired Bat (<i>Lasionycteris noctivagans</i>)	Dark blackish brown, with silver frosted tips	41	7-16	7-11	14	Blunt and rounded		Membrane between rear legs is furred on anterior half

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Gray Bat (<i>Myotis grisescens</i>)	Solid gray above, paler below	43	7-12	9-12	14-16	Sharp	Not Keeled	Wing attached to ankle, all gray, rear claw has a notch in it.
Southeastern Bat (<i>Myotis austroriparius</i>)	Wooly dull, little contrast between base and tips, yellowish to gray above, orangeish in mid-late summer, white below	40	5-12	10-13	13-16	Slender Pointed	Not Keeled	Gray-black wings, long toe hairs
Little Brown Bat (<i>Myotis lucifugus</i>)	Long glossy tan to dark brown above, gray to buff below	38	7-8	8-11	13-16	Slender Pointed	Not Keeled	Long toe hairs (beyond claws), contrasting wings with body,
Indiana Bat (<i>Myotis sodalis</i>)	Fine fluffy, not glossy dark gray to brown above, grayish below	38	5-11	7-10	11-16	Slender Pointed	Keeled	short toe hairs, pink nose, uniform in color, wings do not contrast with body. Never has condensation in winter.
Northern Long-eared Bat (<i>Myotis septentrionalis</i>)	Not glossy, brown above, grayish below	35	5-10	7-10	16-19	Very Long and Slender	Keeled	Large propatagium, ears extend beyond nose (3mm)
Eastern Small-footed Bat (<i>Myotis leibii</i>)	Blackish brown above, paler below	32	4-6	6-8	13-15	Sharp	Sharply Keeled	Black mask, longish tail (33 mm)

Characteristics of Eastern Bats

Species	Status	Roosting Habits	Seasons of Cave Use
Brazilian Free-tailed Bat <i>(Tadarida brasiliensis)</i>	Common	Large Clusters	All
Rafinesque's Big-eared Bat <i>(Corynorhinus rafinesquii)</i>	Rare	Solitary or V. Small Groups	Mostly winter
Townsend's Big-eared Bat <i>(Corynorhinus townsendii)</i>	Endangered	Solitary or in small clusters	All
Big Brown Bat <i>(Eptesicus fuscus)</i>	Common	Solitary	Winter
Eastern Pipistrelle <i>(Pipistrellus subflavus)</i>	Common	Solitary	Winter
Evening Bat <i>(Nycticeius humeralis)</i>	Common	colonial in trees	Never

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Species	Status	Roosting Habits	Seasons of Cave Use
Red Bat <i>(Lasiurus borealis)</i>	V Common	Solitary in trees	Never
Seminole Bat <i>(Lasiurus seminolus)</i>	Common	Solitary in trees	Never
Hoary Bat <i>(Lasiurus cinereus)</i>	Common, but rarely caught	Solitary in trees	Never
Northern Yellow Bat <i>(Lasiurus intermedius)</i>	?	Solitary in trees	Never
Silver-haired Bat <i>(Lasionycteris noctivagans)</i>	Common in spring and fall	solitary or small groups	Occasionally

Characteristics of Eastern Bats

Species	Status	Roosting Habits	Seasons of Cave Use
Gray Bat <i>(Myotis grisescens)</i>	Endangered	Small to Large Clusters	All
Southeastern Bat <i>(Myotis austroriparius)</i>	Rare	Small to Large Clusters	All
Little Brown Bat <i>(Myotis lucifugus)</i>	Common	Small Tight Clusters	Winter
Indiana Bat <i>(Myotis sodalis)</i>	Endangered	Small to Large Tight Clusters	Winter
Northern Long-eared Bat <i>(Myotis septentrionalis)</i>	Common	Solitary or V. Small Groups	Winter
Eastern Small-footed Bat <i>(Myotis leibii)</i>	Rare	Solitary	Winter