

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
Evening Bat (<i>Nycticeius humeralis</i>)	Dark chocolate or dull brown. = above buff brown below. Juv darker	36	5-14	7-8	14-15	short and rounded	Not Keeled	Strong odor!, Looks like small big brown bat. Look for swollen glands on muzzle. Often identified by process of elimination. Only two upper incisors
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

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Red Bat (<i>Lasiurus borealis</i>)	Bright red or rust color, females with frosting, males without. White patches on shoulders	40	8-16	9-10	8-13	short, blunt and curved	Keeled	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. White patches on shoulders	53	20-35	6-13	17	short, blunt and curved		Very Large Bat!!!!, 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, notch in claw on rear feet.
Southeastern Bat (<i>Myotis austroriparius</i>)	Woolly 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 Females orange - Males brown??
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)