

**Supplementary Material.** Longevity records and associated life history and ecological variables used in this study.

Genus	Species	Record life span	Progeny per year	Latitude	Colony Size	Female mass (g)	Hibernate	Cave roost	Diet	Record source	Reference
<i>Saccopteryx</i>	<i>bilineata</i>	6.0	1.0	0	50	7.9	no	never	animal	field	J. Bradbury and G. Wilkinson, unpubl.
<i>Megaderma</i>	<i>lyra</i>	14.0	1.0	20	25	38.6	no	sometimes	animal	captive	(Badwaik, 1992)
<i>Tadarida</i>	<i>brasiliensis</i>	10.0	1.0	0	100,000	11.2	no	always	animal	captive	A. Lollar, pers. com.
<i>Tadarida</i>	<i>teniotis</i>	13.0	1.0	40	50	35.0	no	sometimes	animal	field	(Ibanez and Perez-Jorda, 1998)
<i>Noctilio</i>	<i>leporinus</i>	11.5	2.0	0	10	55.9	no	sometimes	animal	captive	(Jones, 1982)
<i>Artibeus</i>	<i>jamaicensis</i>	10.0	2.0	0	20	39.8	no	sometimes	fruit	captive	(Jones, 1982)
<i>Carollia</i>	<i>perspicillata</i>	12.4	2.0	0	100	18.9	no	sometimes	fruit	captive	(Jones, 1982)
<i>Desmodus</i>	<i>rotundus</i>	19.0	1.0	5	100	37.0	no	sometimes	animal	captive	U. Schmidt, pers. com.

<i>Glossophaga soricina</i>	10.0	2.0	0	50	9.9	no	sometimes	fruit	captive	(Jones, 1982)
<i>Macrotus californicus</i>	10.4	1.0	25	50	16.0	no	always	animal	field	(Tuttle and Stevenson, 1982)
<i>Phyllostomus discolor</i>	9.0	1.7	10	200	43.4	no	sometimes	fruit	captive	G. Kwiezinski, pers. com.
<i>Phyllostomus hastatus</i>	18.0	1.0	0	100	81.0	no	sometimes	animal	field	GSW, unpublished
<i>Platyrrhinus lineatus</i>	10.2	2.0	15	13	22.6	no	sometimes	fruit	captive	(Carey and Judge, 2001b)
<i>Eidolon helvum</i>	21.8	1.0	10	50,000	325.0	no	sometimes	fruit	captive	(Tuttle and Stevenson, 1982)
<i>Pteropus giganteus</i>	31.4	1.0	10	900	1021.0	no	never	fruit	captive	(Jones, 1982)
<i>Pteropus rodricensis</i>	24.1	1.0	20		350.0	no	never	fruit	captive	(Jones, 1982)
<i>Rousettus aegyptiacus</i>	22.9	1.0	0	3,000	142.0	no	always	fruit	captive	(Jones, 1982)
<i>Rousettus leschenaulti</i>	14.0	1.0	15		80.0	no	always	fruit	captive	(Badwaik, 1992)
<i>Hipposideros fulvus</i>	13.0	1.0	15	50	7.0		sometimes	animal	field	(Tuttle and Stevenson,

1982)

<i>Rhinolophus ferrumequinum</i>	30.5	1.0	45	100	23.5	yes	sometimes	animal	field	(Caubere <i>et al.</i> , 1984)
<i>Rhinolophus hipposideros</i>	21.2	1.0	45	50	4.6	yes	sometimes	animal	field	(Harmata, 1981)
<i>Rhinolophus megaphyllus</i>	7.5	1.0	20	2	9.8	yes	always	animal	field	(Young, 2001)
<i>Antrozous pallidus</i>	9.1	2.0	35	60	32.0	yes	sometimes	animal	field	(Tuttle and Stevenson, 1982)
<i>Barbastella barbastellus</i>	23.0	1.0	42	20	8.0	yes	sometimes	animal	field	(Schober and Grimmberger, 1997)
<i>Eptesicus fuscus</i>	19.0	2.0	30	50	16.9	yes	sometimes	animal	field	(Hitchcock, 1965)
<i>Eptesicus nilssonii</i>	15.5	2.0	56	40	13.0	yes	sometimes	animal	field	(Schober and Grimmberger, 1997)
<i>Eptesicus serotinus</i>	19.0	1.0	40	20	23.4	yes	sometimes	animal	field	(Tuttle and Stevenson, 1982)
<i>Lasionycteris noctivagans</i>	12.0	2.0	35	12	10.0	yes	sometimes	animal	field	(Tuttle and Stevenson, 1982)

<i>Lasiurus</i>	<i>cinereus</i>	12.0	2.0	40	1	30.0	no	never	animal	captive	R.L. Timm, unpubl.
<i>Miniopterus</i>	<i>schreibersii</i>	22.0	1.5	30	4,040	13.0	yes	sometimes	animal	field	(Cardinal, 2002)
<i>Myotis</i>	<i>bechsteini</i>	21.0	1.0	42	15	10.5	yes	never	animal	field	(Henze, 1979)
<i>Myotis</i>	<i>blythii</i>	33.0	1.0	35	200	23.0	yes	sometimes	animal	field	(Arlettaz <i>et al.</i> , 2002)
<i>Myotis</i>	<i>brandti</i>	38.0	1.0	50	30	7.0	yes	sometimes	animal	field	(Khritankov and Ovodov, 2001)
<i>Myotis</i>	<i>dasycneme</i>	20.5	1.0	55	200	15.0	yes	sometimes	animal	field	(Schober and Grimmberger, 1997)
<i>Myotis</i>	<i>daubentoni</i>	28.0	1.0	45	40	8.5	yes	sometimes	animal	field	(Schober and Grimmberger, 1997)
<i>Myotis</i>	<i>emarginatus</i>	22.7	1.0	40	100	11.0	yes	sometimes	animal	field	(Danko, 1995)
<i>Myotis</i>	<i>evotis</i>	22.0	1.0	40	20	7.4	yes	sometimes	animal	field	(Tuttle and Stevenson, 1982)
<i>Myotis</i>	<i>grisescens</i>	16.5	1.0	35	1,000	10.5	yes	always	animal	field	(Tuttle and Stevenson, 1982)

<i>Myotis</i>	<i>keenii</i>	18.5	1.0	40	15	6.8	yes	sometimes	animal	field	(Tuttle and Stevenson, 1982)
<i>Myotis</i>	<i>leibii</i>	12.0	1.0	38	20	5.6	yes	sometimes	animal	field	(Paradiso and Greenhall, 1967)
<i>Myotis</i>	<i>lucifugus</i>	34.0	1.0	45	500	6.8	yes	sometimes	animal	field	(Davis and Hitchcock, 1995)
<i>Myotis</i>	<i>myotis</i>	21.8	1.0	40	500	25.6	yes	sometimes	animal	field	(Neverly, 1987)
<i>Myotis</i>	<i>mystacinus</i>	24.0	1.0	50	35	5.3	yes	sometimes	animal	field	(Stebbins and Griffith, 1986)
<i>Myotis</i>	<i>nattereri</i>	20.0	1.0	42	30	7.5	yes	sometimes	animal	field	(Stebbins and Griffith, 1986)
<i>Myotis</i>	<i>nigricans</i>	7.0	3.0	0	100	4.0	no	never	animal	field	(Wilson and Tyson, 1970)
<i>Myotis</i>	<i>septentrionalis</i>	19.0	1.0	44	40	7.0	yes	sometimes	animal	field	(Kurta, 1995)
<i>Myotis</i>	<i>sodalis</i>	20.0	1.0	38	20	7.4	yes	sometimes	animal	field	(LaVal and LaVal,

1980)

<i>Myotis</i>	<i>thysanodes</i>	18.3	1.0	30	200	6.0	yes	sometimes	animal	field	(Tuttle and Stevenson, 1982)
<i>Myotis</i>	<i>velifer</i>	11.3	1.0	20	500	11.9	yes	always	animal	field	(Tuttle and Stevenson, 1982)
<i>Myotis</i>	<i>vivesi</i>	10.0	1.0	25	1000	25.0	no	sometimes	animal	captive	(Tuttle and Stevenson, 1982)
<i>Myotis</i>	<i>volans</i>	21.0	1.0	40	200	7.0	yes	sometimes	animal	field	(Tuttle and Stevenson, 1982)
<i>Myotis</i>	<i>yumanensis</i>	8.8	1.0	30	1000	6.0		sometimes	animal	field	(Tuttle and Stevenson, 1982)
<i>Nyctalus</i>	<i>leisleri</i>	16.0	1.5	50	30	16.0	yes	sometimes	animal	field	(Stebbins and Griffith, 1986)
<i>Nyctalus</i>	<i>noctula</i>	12.0	1.5	48	20	28.0	yes	never	animal	field	(Schober and Grimmberger, 1997)

<i>Nycticeius</i>	<i>humeralis</i>	6.0	2.3	30	100	10.5	no	never	animal	field	GSW, unpublished
<i>Pipistrellus</i>	<i>kuhlii</i>	8.0	2.0	10	12	6.0	no	never	animal	field	(Schober and Grimmberger, 1997)
<i>Pipistrellus</i>	<i>nathusii</i>	11.0	2.0	48	10	10.0	yes	never	animal	field	(Haensel, 1994)
<i>Pipistrellus</i>	<i>pipistrellus</i>	16.0	1.2	50	200	5.0	yes	sometimes	animal	field	(Stebbins and Griffith, 1986)
<i>Pipistrellus</i>	<i>subflavus</i>	14.8	2.0	32	10	5.3	yes	sometimes	animal	field	(Tuttle and Stevenson, 1982)
<i>Plecotus</i>	<i>auritus</i>	30.0	1.0	52	75	7.2	yes	sometimes	animal	field	(Lehmann <i>et al.</i> , 1992)
<i>Plecotus</i>	<i>austriacus</i>	15.0	1.0	45	25	10.5	yes	sometimes	animal	field	(Carey and Judge, 2001b)
<i>Plecotus</i>	<i>rafinesque</i>	10.1	1.0	28	40	8.7	yes	sometimes	animal	field	(Paradiso and Greenhall, 1967)
<i>Plecotus</i>	<i>townsendi</i>	16.4	1.0	36	50	9.0	yes	sometimes	animal	field	(Paradiso and Greenhall, 1967)

*Vespertilio murinus* 12.0 2.0 50 1000 16.0 yes never animal field (Schober and  
Grimmberger, 1997)

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