

Supplementary Materials 1-2 (Tables and Figures)

Table S1 - List of individuals used in the statistical analysis. Columns show: individual ID (ID), species, date of collection of the respective specimen, latitude (Lat) and longitude (Long) of the sampling location, state of origin, the respective biogeographical region (region), sex, age (Ad = adult, SbAd = subadult), length of the forearm (FA), tibia (TL) and hind feet (HF); and whether the individual was used in evaluating morphometric differences (“LDF”) or a museum specimen used to investigate previous recordings of *M. davidii* in Austria (MUS).

ID	species	Collection date	Lat	Long	state	region	sex	age	FA [mm]	TL [mm]	HF [mm]	purpose
5572	<i>Myotis davidii</i>	2021-05-10	46,61	14,26	Austria	Alpine	F	Ad	35,80	17,30	7,20	LDF
5610	<i>Myotis mystacinus</i>	2021-05-28	46,61	14,26	Austria	Alpine	F	SbAd	35,10	16,30	6,50	LDF
5612	<i>Myotis davidii</i>	2021-05-28	46,61	14,26	Austria	Alpine	F	Ad	35,00	17,90	7,40	LDF
5623	<i>Myotis davidii</i>	2021-05-29	46,61	14,26	Austria	Alpine	F	Ad	37,00	18,20	7,20	LDF
5626	<i>Myotis davidii</i>	2021-05-29	46,61	14,26	Austria	Alpine	F	Ad	36,60	17,70	7,60	LDF
CD001	<i>Myotis davidii</i>	2008-08-16	35,16	24,46	Greece	Crete	F	Ad	31,90	15,40	6,20	LDF
CD002	<i>Myotis davidii</i>	2008-08-16	35,16	24,46	Greece	Crete	F	Ad	34,00	16,70	6,40	LDF
CD003	<i>Myotis davidii</i>	2008-08-16	35,16	24,46	Greece	Crete	F	Ad	33,20	15,90	6,50	LDF
CD004	<i>Myotis davidii</i>	2008-08-16	35,16	24,46	Greece	Crete	F	Sbad	34,10	16,30	5,80	LDF
CD005	<i>Myotis davidii</i>	2008-08-20	35,21	24,87	Greece	Crete	M	Ad	32,80	17,20	6,00	LDF
CD006	<i>Myotis davidii</i>	2008-08-20	35,21	24,87	Greece	Crete	M	Ad	32,90	17,30	6,50	LDF
CD007	<i>Myotis davidii</i>	2008-08-18	35,34	23,83	Greece	Crete	M	Ad	33,10	16,60	6,40	LDF
CD008	<i>Myotis davidii</i>	2008-08-17	35,35	23,91	Greece	Crete	M	Ad	33,00	16,90	6,60	LDF
CD009	<i>Myotis davidii</i>	2003-09-04	37,53	27,28	Turkey	Mediterranean	M	Ad	32,20	15,90	7,00	LDF
CD010	<i>Myotis davidii</i>	2003-09-08	38,51	28,05	Turkey	Mediterranean	M	Ad	32,80	16,10	7,10	LDF
CD011	<i>Myotis davidii</i>	2002-09-03	38,73	21,65	Greece	Mediterranean	F	SbAd	35,10	16,90	8,20	LDF
CD012	<i>Myotis davidii</i>	2002-09-03	38,73	21,65	Greece	Mediterranean	M	Ad	35,70	16,10	7,20	LDF
CD013	<i>Myotis davidii</i>	2002-09-11	39,85	21,23	Greece	Mediterranean	M	Ad	34,60	17,00	8,50	LDF
CD014	<i>Myotis davidii</i>	2002-09-11	39,85	21,23	Greece	Mediterranean	F	Ad	36,10	16,50	6,90	LDF
CD015	<i>Myotis davidii</i>	2004-06-19	41,14	24,89	Greece	Mediterranean	M	Ad	35,20	16,80	7,10	LDF

CD016	<i>Myotis davidii</i>	2004-06-17	41,28	24,97	Greece	Mediterranean	M	Ad	34,90	16,40	6,90	LDF
CD017	<i>Myotis davidii</i>	2004-06-17	41,28	24,97	Greece	Mediterranean	F	Ad	34,30	16,20	6,90	LDF
CD018	<i>Myotis davidii</i>	2004-06-17	41,28	24,97	Greece	Mediterranean	M	Ad	34,10	15,70	7,30	LDF

ID	species	Collection date	Lat	Long	state	region	sex	age	FA [mm]	TL [mm]	HFL [mm]	purpose
CD019	<i>Myotis davidii</i>	1935-09-03	42,15	24,74	Bulgaria	Continental	F	Ad	34,70	16,00	7,80	LDF
CD020	<i>Myotis davidii</i>	1935-09-03	42,15	24,74	Bulgaria	Continental	M	Ad	33,40	16,30	8,20	LDF
CD021	<i>Myotis davidii</i>	1935-09-21	42,15	24,74	Bulgaria	Continental	M	Ad	34,60	16,90	7,90	LDF
CD022	<i>Myotis davidii</i>	NA	42,15	24,74	Bulgaria	Continental	M	Ad	35,10	16,80	7,90	LDF
CD023	<i>Myotis davidii</i>	NA	42,15	24,74	Bulgaria	Continental	M	Ad	35,00	16,90	8,10	LDF
CD024	<i>Myotis davidii</i>	2002-08-13	42,74	24,90	Bulgaria	Continental	M	Ad	35,50	16,90	7,50	LDF
CD025	<i>Myotis davidii</i>	2002-08-13	42,74	24,90	Bulgaria	Continental	M	Ad	35,70	16,40	7,50	LDF
CD026	<i>Myotis davidii</i>	2002-08-13	42,74	24,90	Bulgaria	Continental	M	Ad	34,50	16,00	7,10	LDF
CD027	<i>Myotis davidii</i>	2001-08-28	42,74	24,90	Bulgaria	Continental	M	Ad	34,10	16,30	6,90	LDF
CD028	<i>Myotis davidii</i>	2004-09-08	43,17	16,50	Croatia	Mediterranean	F	SbAd	35,10	17,40	7,10	LDF
CD029	<i>Myotis davidii</i>	2004-09-08	43,17	16,50	Croatia	Mediterranean	F	Ad	35,60	17,10	8,20	LDF
CD030	<i>Myotis davidii</i>	2004-09-08	43,17	16,50	Croatia	Mediterranean	F	SbAd	35,10	17,50	7,10	LDF
CD031	<i>Myotis davidii</i>	2004-09-08	43,17	16,50	Croatia	Mediterranean	F	Ad	35,90	17,10	7,40	LDF
CD032	<i>Myotis davidii</i>	2004-09-08	43,17	16,50	Croatia	Mediterranean	F	Ad	37,00	18,00	8,10	LDF
CD033	<i>Myotis davidii</i>	2004-09-08	43,17	16,50	Croatia	Mediterranean	F	SbAd	35,00	17,80	7,40	LDF
CD034	<i>Myotis davidii</i>	2004-09-08	43,17	16,50	Croatia	Mediterranean	M	SbAd	36,20	18,00	7,90	LDF
CD035	<i>Myotis davidii</i>	2004-09-08	43,17	16,50	Croatia	Mediterranean	F	Ad	34,40	16,70	7,20	LDF
CD036	<i>Myotis davidii</i>	2004-09-13	43,17	16,50	Croatia	Mediterranean	F	SbAd	34,80	17,30	6,80	LDF
CD037	<i>Myotis davidii</i>	2004-09-13	43,17	16,50	Croatia	Mediterranean	F	Ad	36,60	18,10	8,30	LDF
CD038	<i>Myotis davidii</i>	2004-09-13	43,17	16,50	Croatia	Mediterranean	F	SbAd	36,10	17,30	7,40	LDF
CD039	<i>Myotis davidii</i>	2002-06-11	43,59	24,91	Bulgaria	Continental	F	Ad	35,40	17,40	6,60	LDF
CD040	<i>Myotis davidii</i>	2002-09-26	43,59	24,91	Bulgaria	Continental	M	SbAd	33,40	17,20	7,50	LDF
CD041	<i>Myotis davidii</i>	2002-09-26	43,59	24,91	Bulgaria	Continental	F	SbAd	35,00	17,20	7,50	LDF
CD042	<i>Myotis davidii</i>	2002-09-26	43,59	24,91	Bulgaria	Continental	M	SbAd	34,80	16,80	7,50	LDF

CD043	<i>Myotis davidii</i>	2004-06-03	43,59	24,91	Bulgaria	Continental	F	Ad	NA	17,50	6,90	LDF
CD044	<i>Myotis davidii</i>	2004-06-03	43,59	24,91	Bulgaria	Continental	M	Ad	35,00	17,70	7,30	LDF

ID	species	Collection date	Lat	Long	state	region	sex	age	FA [mm]	TL [mm]	HFL [mm]	purpose
CD045	<i>Myotis davidii</i>	2004-06-03	43,59	24,91	Bulgaria	Continental	F	Ad	NA	17,20	7,90	LDF
CD046	<i>Myotis davidii</i>	2004-07-06	43,59	24,91	Bulgaria	Continental	F	Ad	35,60	16,50	8,10	LDF
CD047	<i>Myotis davidii</i>	2006-05-28	43,59	24,91	Bulgaria	Continental	F	Ad	34,60	16,90	7,20	LDF
CD048	<i>Myotis davidii</i>	2006-05-28	43,59	24,91	Bulgaria	Continental	M	Ad	35,00	17,30	7,40	LDF
CD049	<i>Myotis davidii</i>	2006-05-28	43,59	24,91	Bulgaria	Continental	M	Ad	34,40	16,10	7,20	LDF
CD050	<i>Myotis davidii</i>	2001-06-14	43,59	24,91	Bulgaria	Continental	F	Ad	36,50	17,30	7,10	LDF
CD051	<i>Myotis davidii</i>	2001-06-14	43,59	24,91	Bulgaria	Continental	M	Ad	35,10	16,10	7,00	LDF
CD052	<i>Myotis davidii</i>	2002-08-21	43,63	24,88	Bulgaria	Continental	F	Ad	34,70	16,30	6,70	LDF
CD053	<i>Myotis davidii</i>	2006-06-06	43,64	24,85	Bulgaria	Continental	F	Ad	37,50	18,10	8,10	LDF
CD054	<i>Myotis davidii</i>	2001-06-08	43,64	24,85	Bulgaria	Continental	M	Ad	35,80	17,20	7,10	LDF
CD055	<i>Myotis davidii</i>	2002-09-26	43,70	24,90	Bulgaria	Continental	M	Ad	34,40	17,30	7,50	LDF
CD056	<i>Myotis davidii</i>	2003-05-17	43,70	24,90	Bulgaria	Continental	M	Ad	35,30	15,90	6,90	LDF
CD057	<i>Myotis davidii</i>	2004-06-05	43,70	24,90	Bulgaria	Continental	M	Ad	35,30	17,60	7,40	LDF
CD058	<i>Myotis davidii</i>	2004-06-05	43,70	24,90	Bulgaria	Continental	M	Ad	NA	17,00	6,90	LDF
CD059	<i>Myotis davidii</i>	2004-06-05	43,70	24,90	Bulgaria	Continental	M	Ad	34,70	17,70	7,80	LDF
CD060	<i>Myotis davidii</i>	2004-06-05	43,70	24,90	Bulgaria	Continental	M	Ad	NA	17,90	7,40	LDF
CD061	<i>Myotis davidii</i>	2004-07-07	43,70	24,90	Bulgaria	Continental	F	Ad	33,50	16,40	7,20	LDF
CD062	<i>Myotis davidii</i>	2006-06-05	43,70	24,90	Bulgaria	Continental	F	Ad	34,70	17,00	9,20	LDF
CD063	<i>Myotis davidii</i>	2006-06-05	43,70	24,90	Bulgaria	Continental	F	Ad	36,30	17,90	7,20	LDF
CD064	<i>Myotis davidii</i>	2006-06-05	43,70	24,90	Bulgaria	Continental	F	Ad	35,40	17,20	7,10	LDF
CD065	<i>Myotis davidii</i>	2006-06-05	43,70	24,90	Bulgaria	Continental	F	Ad	35,30	16,70	7,00	LDF
CD066	<i>Myotis davidii</i>	2006-06-05	43,70	24,90	Bulgaria	Continental	F	Ad	35,60	18,00	7,00	LDF
CD067	<i>Myotis davidii</i>	2006-06-05	43,70	24,90	Bulgaria	Continental	F	Ad	34,80	17,10	6,90	LDF
CD068	<i>Myotis davidii</i>	2006-06-05	43,70	24,90	Bulgaria	Continental	M	Ad	34,40	17,10	7,00	LDF
CD069	<i>Myotis davidii</i>	2006-06-05	43,70	24,90	Bulgaria	Continental	M	Ad	33,40	16,10	6,40	LDF

CD070	<i>Myotis davidii</i>	2006-06-05	43,70	24,90	Bulgaria	Continental	M	Ad	35,40	16,90	6,90	LDF
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ID	species	Collection date	Lat	Long	state	region	sex	age	FA [mm]	TL [mm]	HFL [mm]	purpose
CD071	<i>Myotis mystacinus</i>	1992-08-02	45,85	2,89	France	Continental	F	Ad	34,10	15,70	6,70	LDF
CD072	<i>Myotis davidii</i>	2007-08-26	46,32	14,05	Slovenia	Alpine	M	Ad	33,30	16,90	7,30	LDF
CD073	<i>Myotis davidii</i>	2007-08-26	46,32	14,05	Slovenia	Alpine	F	Ad	36,50	17,50	7,40	LDF
CD074	<i>Myotis davidii</i>	2007-08-26	46,32	14,05	Slovenia	Alpine	M	Ad	36,00	16,90	7,80	LDF
CD075	<i>Myotis davidii</i>	2007-08-26	46,32	14,05	Slovenia	Alpine	M	Ad	34,40	16,60	7,20	LDF
CD076	<i>Myotis mystacinus</i>	2005-06-26	47,69	9,69	Germany	Continental	M	Ad	35,20	16,50	7,20	LDF
CD077	<i>Myotis mystacinus</i>	2005-06-26	47,69	9,69	Germany	Continental	M	Sbad	33,30	15,80	6,90	LDF
CD078	<i>Myotis mystacinus</i>	2005-06-26	47,69	9,69	Germany	Continental	M	Sbad	29,60	16,40	6,10	LDF
CD079	<i>Myotis mystacinus</i>	2005-06-26	47,69	9,69	Germany	Continental	M	Ad	35,40	16,30	7,10	LDF
CD080	<i>Myotis mystacinus</i>	1990-12-29	47,82	9,39	Germany	Continental	M	SbAd	32,80	14,50	5,80	LDF
CD081	<i>Myotis mystacinus</i>	1984-09-14	47,93	9,54	Germany	Continental	M	Ad	33,80	15,20	7,10	LDF
CD082	<i>Myotis mystacinus</i>	2005-05-28	47,94	11,06	Germany	Continental	M	Ad	36,20	16,90	6,60	LDF
CD083	<i>Myotis mystacinus</i>	2004-08-15	47,95	11,10	Germany	Continental	F	Ad	35,40	16,20	6,50	LDF
CD084	<i>Myotis mystacinus</i>	2004-08-15	47,95	11,10	Germany	Continental	F	Ad	35,20	15,60	6,60	LDF
CD085	<i>Myotis mystacinus</i>	2004-08-30	47,95	11,10	Germany	Continental	F	Ad	33,10	15,20	6,40	LDF
CD086	<i>Myotis mystacinus</i>	2004-08-30	47,95	11,10	Germany	Continental	M	Sbad	32,30	14,90	6,30	LDF
CD087	<i>Myotis mystacinus</i>	2003-08-28	47,95	11,10	Germany	Continental	M	Ad	32,70	14,70	6,70	LDF
CD088	<i>Myotis mystacinus</i>	2003-01-13	48,08	8,92	Germany	Continental	M	Ad	34,70	15,80	6,10	LDF
CD089	<i>Myotis mystacinus</i>	2003-01-13	48,08	8,92	Germany	Continental	M	Ad	34,30	15,50	6,00	LDF
CD090	<i>Myotis mystacinus</i>	2005-08-28	48,28	8,59	Germany	Continental	M	Ad	35,50	16,20	7,70	LDF
CD091	<i>Myotis mystacinus</i>	1987-08-11	48,28	9,03	Germany	Continental	M	Ad	34,00	15,10	6,40	LDF
CD092	<i>Myotis mystacinus</i>	2005-07-17	48,31	8,60	Germany	Continental	M	Ad	35,60	17,00	6,90	LDF
CD093	<i>Myotis mystacinus</i>	2004-05-26	48,38	8,89	Germany	Continental	F	Ad	35,20	16,20	5,10	LDF
CD094	<i>Myotis mystacinus</i>	2002-09-01	48,39	8,62	Germany	Continental	M	SbAd	33,40	14,90	6,40	LDF
CD095	<i>Myotis mystacinus</i>	2002-10-18	48,42	8,63	Germany	Continental	M	Ad	32,60	15,00	6,90	LDF
CD096	<i>Myotis mystacinus</i>	2004-05-15	48,42	8,60	Germany	Continental	F	Ad	36,50	16,70	6,70	LDF

ID	species	Collection date	Lat	Long	state	region	sex	age	FA [mm]	TL [mm]	HFL [mm]	purpose
CD097	<i>Myotis mystacinus</i>	2004-05-14	48,42	8,60	Germany	Continental	M	Ad	32,90	15,90	6,40	LDF
CD098	<i>Myotis mystacinus</i>	2004-05-14	48,42	8,60	Germany	Continental	F	Ad	34,80	15,90	6,10	LDF
CD099	<i>Myotis mystacinus</i>	2004-05-14	48,42	8,60	Germany	Continental	M	Ad	34,10	16,00	6,30	LDF
CD100	<i>Myotis mystacinus</i>	2004-07-21	48,43	8,59	Germany	Continental	F	Ad	34,80	16,20	5,90	LDF
CD101	<i>Myotis mystacinus</i>	2004-07-21	48,43	8,59	Germany	Continental	M	Ad	34,20	15,40	6,50	LDF
CD102	<i>Myotis mystacinus</i>	2004-07-21	48,43	8,59	Germany	Continental	M	Ad	33,30	15,50	6,50	LDF
CD103	<i>Myotis mystacinus</i>	2004-07-21	48,43	8,59	Germany	Continental	M	Ad	34,40	16,00	6,60	LDF
CD104	<i>Myotis mystacinus</i>	2004-07-21	48,43	8,59	Germany	Continental	M	Ad	35,90	16,50	5,90	LDF
CD105	<i>Myotis mystacinus</i>	2004-07-21	48,43	8,59	Germany	Continental	F	Ad	35,10	15,80	6,40	LDF
CD106	<i>Myotis mystacinus</i>	2004-07-21	48,43	8,59	Germany	Continental	F	Ad	34,40	15,80	6,20	LDF
CD107	<i>Myotis mystacinus</i>	2004-07-21	48,43	8,59	Germany	Continental	M	Ad	35,50	16,80	5,80	LDF
CD108	<i>Myotis mystacinus</i>	2004-08-30	48,43	8,60	Germany	Continental	F	Ad	35,00	15,40	6,90	LDF
CD109	<i>Myotis mystacinus</i>	2002-02-09	48,43	9,68	Germany	Continental	M	Ad	32,50	14,70	6,40	LDF
CD110	<i>Myotis mystacinus</i>	2005-02-19	48,43	9,68	Germany	Continental	M	Ad	31,90	15,00	5,60	LDF
CD111	<i>Myotis mystacinus</i>	2005-07-16	48,45	8,69	Germany	Continental	M	Ad	34,50	16,30	6,60	LDF
CD112	<i>Myotis mystacinus</i>	2004-05-20	48,46	8,73	Germany	Continental	M	Ad	34,00	15,80	6,90	LDF
CD113	<i>Myotis mystacinus</i>	2004-05-20	48,46	8,73	Germany	Continental	M	Ad	33,60	15,80	6,20	LDF
CD114	<i>Myotis mystacinus</i>	2005-06-23	48,46	8,43	Germany	Continental	F	Ad	34,10	15,40	6,20	LDF
CD115	<i>Myotis mystacinus</i>	2004-07-28	48,47	8,40	Germany	Continental	M	Sbad	34,70	16,00	6,90	LDF
CD116	<i>Myotis mystacinus</i>	2008-07-03	48,48	8,50	Germany	Continental	M	Ad	34,30	16,10	7,60	LDF
CD117	<i>Myotis mystacinus</i>	2006-08-24	48,51	9,35	Germany	Continental	M	Ad	34,10	15,60	5,90	LDF
CD118	<i>Myotis mystacinus</i>	2006-08-24	48,51	9,35	Germany	Continental	F	Ad	35,10	15,80	6,20	LDF
CD119	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	M	Ad	35,40	16,80	6,60	LDF
CD120	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	F	Ad	33,70	15,10	6,20	LDF
CD121	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	M	Ad	34,00	16,20	6,70	LDF
CD122	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	F	Ad	34,90	16,90	7,40	LDF
CD123	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	M	Ad	34,40	16,50	6,90	LDF

ID	species	Collection date	Lat	Long	state	region	sex	age	FA [mm]	TL [mm]	HFL [mm]	purpose
CD124	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	F	Ad	34,50	16,30	7,10	LDF
CD125	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	F	Ad	35,60	17,10	6,60	LDF
CD126	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	M	SbAd	34,50	16,10	6,20	LDF
CD127	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	F	Ad	33,10	15,70	6,20	LDF
CD128	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	F	SbAd	36,50	16,70	7,50	LDF
CD129	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	M	Ad	33,40	15,30	6,10	LDF
CD130	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	M	Ad	33,80	16,00	6,90	LDF
CD131	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	M	Ad	31,70	14,90	6,70	LDF
CD132	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	M	Ad	34,40	16,70	6,90	LDF
CD133	<i>Myotis mystacinus</i>	2006-09-06	48,51	9,35	Germany	Continental	F	SbAd	34,30	16,00	5,90	LDF
CD134	<i>Myotis mystacinus</i>	2007-08-05	48,51	9,35	Germany	Continental	F	Ad	36,20	16,60	7,70	LDF
CD135	<i>Myotis mystacinus</i>	2007-08-17	48,51	9,35	Germany	Continental	M	Ad	34,40	17,00	7,40	LDF
CD136	<i>Myotis mystacinus</i>	2007-08-17	48,51	9,35	Germany	Continental	M	Ad	35,00	16,20	7,40	LDF
CD137	<i>Myotis mystacinus</i>	2007-08-17	48,51	9,35	Germany	Continental	F	Ad	34,10	15,60	7,00	LDF
CD138	<i>Myotis mystacinus</i>	2005-05-25	48,52	9,36	Germany	Continental	M	Ad	33,70	15,20	6,30	LDF
CD139	<i>Myotis mystacinus</i>	2005-05-25	48,52	9,36	Germany	Continental	F	Ad	33,90	15,80	5,90	LDF
CD140	<i>Myotis mystacinus</i>	2007-06-24	48,57	9,30	Germany	Continental	F	Ad	34,40	15,50	6,50	LDF
CD141	<i>Myotis mystacinus</i>	2004-07-22	48,57	8,55	Germany	Continental	F	Ad	34,20	16,00	5,90	LDF
CD142	<i>Myotis mystacinus</i>	2004-04-26	48,57	8,55	Germany	Continental	F	Ad	35,30	16,30	6,40	LDF
CD143	<i>Myotis mystacinus</i>	2004-04-26	48,57	8,55	Germany	Continental	F	Ad	34,50	15,30	7,20	LDF
CD144	<i>Myotis mystacinus</i>	2004-04-26	48,57	8,55	Germany	Continental	F	Ad	34,60	16,20	7,10	LDF
CD145	<i>Myotis mystacinus</i>	1995-04-18	48,59	9,24	Germany	Continental	F	Ad	34,00	15,40	5,70	LDF
CD146	<i>Myotis mystacinus</i>	2006-06-26	48,65	7,93	Germany	Continental	F	Ad	34,90	16,00	6,60	LDF
CD147	<i>Myotis mystacinus</i>	1990-05-01	48,68	9,02	Germany	Continental	F	Ad	34,00	15,80	6,80	LDF
CD148	<i>Myotis mystacinus</i>	1988-06-07	48,78	9,99	Germany	Continental	M	Ad	33,10	16,00	6,80	LDF
CD149	<i>Myotis mystacinus</i>	1868-01-01	48,88	9,62	Germany	Continental	NA	Ad	35,60	16,80	7,00	LDF

ID	species	Collection date	Lat	Long	state	region	sex	age	FA [mm]	TL [mm]	HFL [mm]	purpose
CD150	<i>Myotis mystacinus</i>	2005-06-27	48,92	10,21	Germany	Continental	F	Ad	36,40	16,80	6,90	LDF
CD151	<i>Myotis mystacinus</i>	2005-08-29	48,92	10,21	Germany	Continental	M	Ad	33,80	16,20	5,20	LDF
CD152	<i>Myotis mystacinus</i>	2005-08-29	48,92	10,21	Germany	Continental	M	Ad	34,50	16,40	6,00	LDF
CD153	<i>Myotis mystacinus</i>	2005-08-29	48,92	10,21	Germany	Continental	M	Ad	34,00	16,30	5,90	LDF
CD154	<i>Myotis mystacinus</i>	2005-08-29	48,92	10,21	Germany	Continental	M	Ad	34,80	16,10	6,40	LDF
CD155	<i>Myotis mystacinus</i>	2005-09-01	48,92	10,21	Germany	Continental	F	SbAd	34,30	16,10	6,40	LDF
CD156	<i>Myotis mystacinus</i>	2005-09-01	48,92	10,21	Germany	Continental	M	SbAd	34,70	16,90	6,10	LDF
CD157	<i>Myotis mystacinus</i>	2005-09-01	48,92	10,21	Germany	Continental	F	SbAd	32,60	16,00	6,80	LDF
CD158	<i>Myotis mystacinus</i>	2005-09-01	48,92	10,21	Germany	Continental	M	SbAd	34,70	17,00	6,40	LDF
CD159	<i>Myotis mystacinus</i>	2005-09-01	48,92	10,21	Germany	Continental	M	SbAd	34,40	16,50	6,10	LDF
CD160	<i>Myotis mystacinus</i>	2005-09-01	48,92	10,21	Germany	Continental	F	SbAd	36,00	17,00	6,10	LDF
CD161	<i>Myotis mystacinus</i>	2005-09-01	48,92	10,21	Germany	Continental	M	SbAd	35,00	17,30	6,00	LDF
CD162	<i>Myotis mystacinus</i>	2005-09-01	48,92	10,21	Germany	Continental	M	Ad	35,20	16,80	6,60	LDF
CD163	<i>Myotis mystacinus</i>	2005-09-01	48,92	10,21	Germany	Continental	M	Ad	35,20	17,20	6,10	LDF
CD164	<i>Myotis mystacinus</i>	2005-09-01	48,92	10,21	Germany	Continental	M	Ad	34,60	15,90	5,10	LDF
CD165	<i>Myotis mystacinus</i>	Ca. 2000	49,14	9,21	Germany	Continental	F	Ad	35,10	16,60	6,90	LDF
CD166	<i>Myotis mystacinus</i>	2004-08-14	49,37	9,49	Germany	Continental	F	Ad	36,00	16,80	7,40	LDF
CD167	<i>Myotis mystacinus</i>	2004-08-14	49,37	9,49	Germany	Continental	F	Ad	35,80	16,20	6,70	LDF
CD168	<i>Myotis mystacinus</i>	2004-08-14	49,37	9,49	Germany	Continental	F	Sbad	33,40	14,60	7,30	LDF
CD169	<i>Myotis mystacinus</i>	2004-08-14	49,37	9,49	Germany	Continental	F	Ad	34,00	15,50	6,30	LDF
CD170	<i>Myotis mystacinus</i>	2004-08-14	49,37	9,49	Germany	Continental	F	Ad	35,00	15,90	7,10	LDF
CD171	<i>Myotis mystacinus</i>	2005-06-26	49,46	9,00	Germany	Continental	F	Ad	36,10	16,30	7,10	LDF
CD172	<i>Myotis mystacinus</i>	1956-11-25	50,19	8,46	Germany	Continental	F	Ad	36,30	15,70	6,20	LDF
CD173	<i>Myotis mystacinus</i>	1956-11-07	50,22	8,42	Germany	Continental	M	Ad	35,10	15,60	6,20	LDF
CD174	<i>Myotis mystacinus</i>	1933-05-30	52,19	12,53	Germany	Continental	M	Ad	32,20	14,80	5,70	LDF
CD175	<i>Myotis mystacinus</i>	1934-02-10	52,47	13,81	Germany	Continental	M	Ad	33,90	15,40	6,70	LDF

ID	species	Collection date	Lat	Long	state	region	sex	age	FA [mm]	TL [mm]	HFL [mm]	purpose
9111	<i>Myotis mystacinus</i>	1957-10-07	48,07	15,13	Austria	Alpine	F	Ad	32,40	14,80	6,60	MUS
9484	<i>Myotis mystacinus</i>	1963-05-23	47,80	16,67	Austria	Continental	F	Ad	32,70	14,60	7,00	MUS
10802	<i>Myotis mystacinus</i>	1966-06-29	48,31	16,36	Austria	Continental	F	Ad	34,20	16,30	6,70	MUS
11520	<i>Myotis mystacinus</i>	1965-12-21	47,36	15,34	Austria	Alpine	M	Ad	34,50	15,40	6,20	MUS
11578	<i>Myotis mystacinus</i>	1966-01-02	47,97	15,30	Austria	Alpine	M	Ad	33,60	16,70	5,70	MUS
11584	<i>Myotis mystacinus</i>	1966-02-07	47,87	15,27	Austria	Alpine	M	Ad	33,60	15,50	6,00	MUS
11585	<i>Myotis mystacinus</i>	1966-02-07	47,87	15,27	Austria	Alpine	M	Ad	33,80	15,90	6,90	MUS
12027	<i>Myotis mystacinus</i>	1966-11-27	47,70	14,15	Austria	Alpine	M	Ad	33,70	16,30	5,50	MUS
14324	<i>Myotis mystacinus</i>	1952-05-01	48,00	15,80	Austria	Alpine	F	Ad	34,00	15,10	5,90	MUS
15128	<i>Myotis mystacinus</i>	1972-10-15	47,72	14,90	Austria	Alpine	M	Ad	33,00	15,20	6,50	MUS
24659	<i>Myotis mystacinus</i>	1977-08-25	47,57	14,02	Austria	Alpine	M	NA	33,40	16,00	7,00	MUS
29420	<i>Myotis mystacinus</i>	1977-12-31	47,60	15,97	Austria	Alpine	M	Ad	32,80	15,10	6,30	MUS
29423	<i>Myotis mystacinus</i>	1978-02-25	47,25	15,52	Austria	Alpine	F	Ad	33,30	15,10	6,30	MUS
29427	<i>Myotis mystacinus</i>	1976-03-21	47,40	11,77	Austria	Alpine	M	Ad	34,00	16,30	5,90	MUS
29447	<i>Myotis mystacinus</i>	1978-03-12	46,59	13,82	Austria	Alpine	M	Ad	33,80	16,00	6,90	MUS
29535	<i>Myotis mystacinus</i>	1976-05-12	48,32	16,65	Austria	Continental	F	Ad	34,30	16,10	6,00	MUS
29538	<i>Myotis mystacinus</i>	1978-01-22	47,93	15,85	Austria	Alpine	M	Ad	32,70	15,10	6,30	MUS
29539	<i>Myotis mystacinus</i>	1978-03-24	47,95	13,67	Austria	Alpine	F	Ad	32,10	14,10	5,40	MUS
29540	<i>Myotis mystacinus</i>	1977-12-31	47,60	15,97	Austria	Alpine	F	Ad	34,30	16,10	7,00	MUS
30382	<i>Myotis mystacinus</i>	1980-03-08	47,65	13,62	Austria	Alpine	M	Ad	33,40	15,10	6,20	MUS
30383	<i>Myotis mystacinus</i>	1980-03-09	47,70	14,15	Austria	Alpine	F	Ad	32,60	16,20	5,90	MUS
30384	<i>Myotis mystacinus</i>	1980-03-10	48,40	14,67	Austria	Continental	F	Ad	34,40	15,90	6,40	MUS
30397	<i>Myotis mystacinus</i>	1978-12-08	47,37	10,07	Austria	Alpine	M	Ad	33,20	15,40	5,80	MUS
30400	<i>Myotis mystacinus</i>	1978-12-09	47,37	10,07	Austria	Alpine	M	Ad	33,70	16,90	6,60	MUS
30405	<i>Myotis mystacinus</i>	1980-10-04	47,37	10,07	Austria	Alpine	F	Ad	33,10	14,30	5,80	MUS
30406	<i>Myotis mystacinus</i>	1980-10-04	47,37	10,07	Austria	Alpine	M	Ad	35,60	16,60	7,20	MUS

ID	species	Collection date	Lat	Long	state	region	sex	age	FA [mm]	TL [mm]	HFL [mm]	purpose
30407	<i>Myotis mystacinus</i>	1980-10-04	47,37	10,07	Austria	Alpine	M	Ad	33,60	15,90	6,10	MUS
30408	<i>Myotis mystacinus</i>	1980-10-05	47,37	10,07	Austria	Alpine	M	Ad	33,50	15,70	6,00	MUS
30409	<i>Myotis mystacinus</i>	1980-10-06	47,37	10,07	Austria	Alpine	M	Ad	33,50	16,40	6,30	MUS
30410	<i>Myotis mystacinus</i>	1980-10-07	47,37	10,07	Austria	Alpine	M	Ad	32,80	14,80	6,50	MUS
30411	<i>Myotis mystacinus</i>	1980-10-04	47,37	10,07	Austria	Alpine	F	Ad	34,60	16,10	6,00	MUS
30412	<i>Myotis mystacinus</i>	1980-10-04	47,37	10,07	Austria	Alpine	F	Ad	33,30	15,50	6,80	MUS
30418	<i>Myotis mystacinus</i>	1979-07-22	47,41	16,42	Austria	Continental	F	Ad	34,70	15,60	5,70	MUS
30419	<i>Myotis mystacinus</i>	1979-07-22	47,41	16,42	Austria	Continental	F	Ad	34,20	15,20	6,20	MUS
30420	<i>Myotis mystacinus</i>	1977-03-13	47,83	16,00	Austria	Alpine	M	Ad	36,30	17,20	6,30	MUS
30421	<i>Myotis mystacinus</i>	1977-05-14	47,92	16,38	Austria	Continental	M	Ad	35,10	15,90	6,40	MUS
30462	<i>Myotis mystacinus</i>	1966-05-12	47,93	15,38	Austria	Alpine	M	Ad	34,00	16,50	6,30	MUS
30463	<i>Myotis mystacinus</i>	1972-05-21	47,55	13,93	Austria	Alpine	F	Ad	33,50	16,20	5,20	MUS
30466	<i>Myotis mystacinus</i>	2026-08-21	47,85	15,07	Austria	Alpine	F	Ad	32,70	16,00	6,40	MUS
34214	<i>Myotis mystacinus</i>	1984-05-25	47,19	14,74	Austria	Alpine	M	Ad	34,30	16,90	6,60	MUS
36084	<i>Myotis mystacinus</i>	1986-05-23	48,25	16,34	Austria	Continental	F	Ad	34,00	16,10	7,10	MUS
40583	<i>Myotis mystacinus</i>	1984-08-20	46,80	13,49	Austria	Alpine	M	Ad	34,20	15,30	6,30	MUS
40584	<i>Myotis mystacinus</i>	1984-08-21	46,80	13,49	Austria	Alpine	F	Ad	34,70	16,90	6,40	MUS
48225	<i>Myotis mystacinus</i>	1988-07-?	47,25	11,46	Austria	Alpine	F	Ad	34,60	16,70	6,60	MUS
50703	<i>Myotis mystacinus</i>	1988-07-04	46,70	14,01	Austria	Alpine	F	Ad	32,90	15,00	6,60	MUS
50704	<i>Myotis mystacinus</i>	1988-08-22	48,30	16,13	Austria	Alpine	F	Ad	34,30	15,70	6,40	MUS
51505	<i>Myotis mystacinus</i>	1995-04-23	48,28	15,42	Austria	Continental	M	Ad	34,80	16,40	6,10	MUS
52292	<i>Myotis mystacinus</i>	1996-08-25	47,19	14,35	Austria	Alpine	F	Ad	34,80	15,80	6,20	MUS
52728	<i>Myotis mystacinus</i>	1988-09-19	48,25	16,34	Austria	Continental	F	Ad	34,30	16,10	7,60	MUS
52730	<i>Myotis mystacinus</i>	1996-10-15	47,74	16,40	Austria	Continental	F	Ad	33,90	15,70	6,60	MUS
53449	<i>Myotis mystacinus</i>	1991-06-18	47,85	15,07	Austria	Alpine	M	Ad	33,00	15,80	6,30	MUS
53980	<i>Myotis mystacinus</i>	1987-08-01	46,70	12,81	Austria	Alpine	M	Ad	34,10	15,30	6,70	MUS
56091	<i>Myotis mystacinus</i>	1956-04-02	47,67	14,78	Austria	Alpine	M	Ad	34,70	15,30	6,80	MUS

ID	species	Collection date	Lat	Long	state	region	sex	age	FA [mm]	TL [mm]	HFL [mm]	purpose
61662	<i>Myotis mystacinus</i>	2000-09-04	48,05	15,22	Austria	Alpine	F	Ad	34,10	16,30	6,40	MUS
61672	<i>Myotis mystacinus</i>	1998-10-29	47,73	16,08	Austria	Continental	M	Ad	33,20	16,10	6,30	MUS
64070	<i>Myotis mystacinus</i>	2002-09-02	47,72	16,00	Austria	Alpine	M	NA	34,70	16,10	6,10	MUS
65235	<i>Myotis mystacinus</i>	2003-07-24	48,23	16,46	Austria	Continental	M	Ad	33,10	15,70	6,00	MUS
66584	<i>Myotis mystacinus</i>	2005-05-10	48,18	15,18	Austria	Continental	F	Ad	35,40	16,00	6,50	MUS
69252	<i>Myotis mystacinus</i>	2009-07-05	48,00	14,42	Austria	Alpine	M	Ad	34,30	15,60	6,20	MUS
69960	<i>Myotis mystacinus</i>	2021-04-04	47,47	13,18	Austria	Alpine	M	Ad	32,00	15,60	6,30	MUS
77369	<i>Myotis mystacinus</i>	2021-04-04	47,48	13,19	Austria	Alpine	M	Ad	32,20	15,50	6,60	MUS



Figure S1 – Colouration of *M. davidii*. The upper picture shows the bright face and golden dorsal fur. The lower picture demonstrates the sharp contrast between the dorsal and the white ventral fur.



Figure S2 – Hind feet of *M. davidii*. *Myotis davidii* has exceptionally large hind feet compared to other species of the whiskered bat species complex. Moreover, note the light base of the ear and tragus and light skin around the eye.



Figure S3 – Dental characteristics of *M. davidii*. Upper P³ are extremely small and palatally indented. Cingulum cusps on P⁴ are absent.