

Online Material

Appendix. Means and standard deviation (Sd) of 37 selected original and 9 derived characters for the samples from Libya and the reference samples from the Oberusel data bank. Length measures are given in mm. Differences to Libyan samples are indicated by asterisks (* $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$).

	<i>A.m. intermissa</i> (N = 7)		<i>A.m. sahariensis</i> (N = 6)		<i>A.m. ligustica</i> (N = 12)		<i>A.m. lamarckii</i> (N = 8)		<i>A.m. jemenitica</i> (N = 41)		<i>A.m. litorea</i> (N = 9)		<i>Lybia</i> (N = 11)	
	Mean	±Sd	Mean	±Sd	Mean	±Sd	Mean	±Sd	Mean	±Sd	Mean	±Sd	Mean	±Sd
Hairlength	0.30	±0.06 **	0.27	±0.04	0.27	±0.02	0.23	±0.02	0.21	±0.02 ***	0.23	±0.02	0.25	±0.02
Tomentum	0.81	±0.26	0.76	±0.18 **	0.92	±0.05	0.99	±0.05	0.85	±0.06 *	0.82	±0.02	0.95	±0.05
Tom dark stripe	0.53	±0.13	0.42	±0.09	0.44	±0.06	0.37	±0.03	0.45	±0.06	0.43	±0.04 *	0.45	±0.03
Length femur	2.65	±0.07	2.59	±0.04	2.66	±0.03	2.42	±0.06 ***	2.38	0.06 ***	2.42	±0.03 ***	2.62	±0.04
Length tibia	3.24	±0.07	3.16	±0.08	3.23	±0.03	3.01	±0.08 ***	2.96	±0.07 ***	3.00	±0.03 ***	3.19	±0.05
Length metatarsus	2.05	±0.04 ***	2.03	±0.04 **	2.08	±0.03 ***	1.96	±0.07	1.85	±0.05 ***	1.86	±0.02 ***	1.94	±0.05
Width metatarsus	1.16	±0.02	1.12	±0.03	1.15	±0.02	1.10	±0.03 **	1.05	±0.03 ***	1.05	±0.03 ***	1.16	±0.03
Pigment tergite 2	1.59	±0.52 ***	8.03	±0.49	7.85	±0.56	8.27	±0.51	8.60	±0.66	7.39	±1.05 *	8.43	±0.52
Pigment tergite 3	3.72	±0.74 ***	8.08	±0.53	7.48	±0.69	6.97	±0.33	8.36	±0.84 **	7.29	±1.11	7.28	±0.76
Pigment tergite 4	1.91	±1.44 *	4.53	±0.73	4.00	±0.56	3.89	±0.22	5.42	±1.67	4.46	±0.94	4.10	±0.44
Length tergite 3	2.24	±0.06	2.17	±0.07	2.21	±0.05	2.12	±0.06	2.00	±0.05 ***	1.97	±0.05 ***	2.19	±0.03
Length tergite 4	2.17	±0.06	2.12	±0.07	2.18	±0.05	2.07	±0.06	1.95	±0.05 ***	1.91	±0.04 ***	2.13	±0.03
Length sternite 3	2.76	±0.07	2.72	±0.04	2.75	±0.04	2.44	±0.08 ***	2.44	±0.07 ***	2.44	±0.06 ***	2.71	±0.03
Length waxmirror	1.33	±0.07 *	1.30	±0.06 ***	1.31	±0.04 ***	1.11	±0.06 ***	1.08	±0.05 ***	1.09	±0.04 ***	1.42	±0.03
Width waxmirror	2.37	±0.04	2.30	±0.05	2.35	±0.06	2.01	±0.08 ***	2.00	±0.07 ***	2.04	±0.05 ***	2.32	±0.05
Distance waxmirror	0.25	±0.05	0.25	±0.05	0.29	±0.01	0.35	±0.02 ***	0.34	±0.03 ***	0.34	±0.04 ***	0.26	±0.02
Length sternite 6	2.55	±0.07	2.49	±0.04	2.59	±0.06 ***	2.33	±0.07 ***	2.29	±0.06 ***	2.30	±0.06 *	2.47	±0.05
Width sternite 6	3.15	±0.11 *	2.99	±0.04	3.09	±0.09	2.69	±0.12 ***	2.66	±0.10 ***	2.66	±0.09 ***	3.00	±0.05
Length forewing	9.00	±0.17	8.96	±0.08	9.19	±0.09 **	8.23	±0.24 ***	8.25	±0.15 ***	8.30	±0.15 ***	8.93	±0.15
Width forewing	3.02	±0.08	3.03	±0.05	3.22	±0.03 ***	2.78	±0.07 ***	2.85	±0.07 ***	2.86	±0.05 ***	3.00	±0.05
Pigment scutellum 1	0.54	±0.39 ***	6.84	±0.49	4.53	±1.10 ***	6.28	±0.42	6.56	±0.93	6.51	±1.00	6.82	±0.84
Pigment scutellum 2	1.19	±1.12	3.82	±1.84	1.88	±1.06	4.02	±1.37	2.94	±1.64	2.47	±1.09	3.21	±1.27
Pigment labrum 1	0.87	±0.99	4.21	±0.74 ***	2.48	±1.38	3.58	±1.66 *	3.09	±1.31 **	3.69	±1.34 **	1.42	±1.10
Pigment labrum 2	2.13	±1.10	1.53	±1.90	1.98	±1.00	1.72	±1.32	1.86	±1.10	2.79	±2.59	2.92	±0.60
Cubital 1	0.48	±0.03 ***	0.49	±0.02 ***	0.52	±0.01	0.44	±0.04 ***	0.44	±0.02 ***	0.44	±0.02 ***	0.55	±0.03
Cubital 2	0.22	±0.01 **	0.20	±0.02 ***	0.20	±0.01 ***	0.19	±0.01 ***	0.19	±0.01 ***	0.19	±0.01 ***	0.24	±0.01
Angle A4	31.99	±0.84	32.71	±1.55 ***	29.94	±0.87	33.94	±0.90	32.75	±1.31	32.83	±1.19	32.74	±1.21
Angle b4	102.93	±3.25	100.60	±3.94	109.60	±2.39 **	99.96	±2.26	103.01	±5.36	102.97	±1.87	102.21	±5.88
Angle D7	100.35	±2.95 ***	100.51	±1.77 ***	98.60	±1.44	99.88	±1.82 **	101.16	±1.93 ***	101.87	±2.00 ***	96.09	±2.90
Angle E9	19.81	±0.57	18.81	±0.45 ***	23.73	±0.87	19.12	±0.51	19.18	±0.73	19.16	±0.53	19.40	±1.25
Angle G18	102.02	±2.01 ***	100.58	±2.01 ***	94.03	±1.16	99.92	±1.32 ***	98.18	±1.91 ***	98.40	±1.51 ***	92.47	±1.78
Angle J10	47.79	±1.71 **	50.30	±1.30	52.21	±1.15	48.85	±1.23	52.87	±1.61 **	53.90	±1.68 **	50.74	±2.20

Appendix. Continued.

	<i>A.m.</i> <i>intermissa</i> (N = 7)	<i>A.m.</i> <i>sahariensis</i> (N = 6)	<i>A.m.</i> <i>ligustica</i> (N = 12)	<i>A.m.</i> <i>lamarekii</i> (N = 8)	<i>A.m.</i> <i>jemenitica</i> (N = 41)	<i>A.m.</i> <i>litorea</i> (N = 9)	Lybia (N = 11)
Angle J16	96.26 ±1.94	97.00 ±3.22	96.51 ±1.56	97.81 ±3.32	95.46 ±4.53	93.05 ±1.39	95.24 ±2.40
Angle K19	78.51 ±2.96	78.25 ±0.90	79.17 ±1.25	79.72 ±1.68	81.03 ±2.10 ***	80.38 ±1.33	77.50 ±1.58
Angle L13	13.86 ±1.01 **	15.18 ±0.61	13.45 ±0.80 *	14.98 ±0.80	15.20 ±0.88	15.29 ±0.63	14.58 ±1.05
Angle N23	89.70 ±1.65	91.43 ±2.43	93.00 ±1.17 ***	92.32 ±1.82 *	89.45 ±1.86	89.05 ±1.38	89.69 ±1.73
Angle O26	40.15 ±2.14	36.68 ±1.88	36.13 ±1.05	40.81 ±2.27	38.57 ±2.28	39.95 ±2.11	38.10 ±2.67
Complete leg	7.94 ±0.17	7.78 ±0.15	7.96 ±0.08 *	7.39 ±0.20 ***	7.19 ±0.16 ***	7.28 ±0.08 ***	7.74 ±0.14
Body size	4.41 ±0.12	4.29 ±0.15	4.39 ±0.10	4.19 ±0.12	3.95 ±0.09 ***	3.88 ±0.09 ***	4.32 ±0.06
Metatarsal index	0.56 ±0.01 ***	0.55 ±0.01 ***	0.55 ±0.01 ***	0.56 ±0.01 ***	0.57 ±0.01 ***	0.56 ±0.01 ***	0.60 ±0.02
Waxmirror index	0.56 ±0.02 ***	0.56 ±0.01 ***	0.56 ±0.01 ***	0.55 ±0.02 ***	0.54 ±0.02 ***	0.54 ±0.02 ***	0.61 ±0.02
Slenderness	0.81 ±0.03	0.84 ±0.02	0.84 ±0.02	0.87 ±0.04 **	0.86 ±0.02 ***	0.86 ±0.02 **	0.82 ±0.01
Cubital index	2.20 ±0.16	2.52 ±0.28	2.59 ±0.19 **	2.33 ±0.13	2.33 ±0.18	2.40 ±0.26	2.27 ±0.19
Tomentum index	1.60 ±0.39	1.83 ±0.23	2.18 ±0.55	2.73 ±0.35 ***	1.91 ±0.23	1.94 ±0.19 ***	2.13 ±0.18
Body size/leg	0.56 ±0.01	0.55 ±0.01	0.55 ±0.01	0.57 ±0.01	0.55 ±0.01	0.53 ±0.01	0.56 ±0.01
Forewing index	0.34 ±0.00	0.34 ±0.00	0.35 ±0.00 ***	0.34 ±0.00	0.35 ±0.00 ***	0.34 ±0.01 **	0.34 ±0.00