Supplementary Material to:

Notes on *Hysterochelifer afghanicus* Beier (Pseudoscorpiones: Cheliferidae), with a key to the species of *Hysterochelifer* Chamberlin

Mahrad Nassirkhani, Reza Vafai Shoushtari and Mahtab Rahmat Abadi

Zoology in the Middle East, 62, 2015

<http://dx.doi.org/10.1080/09397140.2016.1144281>

Table 1. Morphological measurements in *Hysterochelifer afghanicus* Beier, 1966 collected from Iran. All measurements in mm; (+) = with pedicel; (-) = without pedicel.

	Mazandaran Province		Kerman Province		Kermanshah Province	
	1♂	1♀	2♂	1♀	10♂	6♀
Body L.	3.10	4.17	2.97-3.15	4.67	2.95-3.27	4.10-4.73
Carapace L.	1.00	1.15	1.03-1.04	1.30	0.92-1.05	1.02-1.27
Carapace W.	1.05	1.00	1.00-1.03	1.10	0.88-1.00	1.02-1.05
Pedipalp						
Femur L.	1.22	1.25	1.07-1.15	1.45	1.00-1.20	1.25-1.40
Femur W.	0.25	0.27	0.23-0.24	0.31	0.21-0.25	0.27-0.30
Patella L.	1.00	1.05	0.90-1.00	1.17	0.86-1.00	1.05-1.15
Patella W.	0.30	0.33	0.27-0.30	0.40	0.24-0.29	0.34-0.35
Chela (+) L.	1.87	1.97	1.67-1.75	2.25	1.55-1.82	2.00-2.10
Chela (-) L.	1.75	1.87	1.55-1.62	2.05	1.45-1.70	1.85-1.95
Chela W.	0.47	0.50	0.40-0.43	0.58	0.34-0.46	0.48-0.55
Hand (+) L.	1.02	1.12	0.90-0.95	1.25	0.87-1.05	1.10-1.17
Movable finger L.	0.90	0.97	0.83-0.85	1.07	0.76-0.90	0.96-0.98
Leg I						
Femur L.	0.32	0.37	0.32-0.30	0.43	0.32-0.35	0.38-0.40
Femur D.	0.18	0.20	0.19-0.18	0.24	0.17-0.19	0.20-0.21
Patella L.	0.52	0.56	0.52	0.68	0.46-0.52	0.56-0.59
Patella D.	0.16	0.18	0.17	0.19	0.15-0.17	0.19
Tibia L.	0.55	0.55	0.53-0.56	0.66	0.47-0.54	0.56-0.60
Tibia D.	0.12	0.12	0.12	0.12	0.08-0.15	0.11-0.12
Tarsus L.	0.44	0.49	0.43-0.47	0.57	0.42-0.49	0.45-0.50
Tarsus D.	0.11	0.08	0.09	0.09	0.08-0.10	0.08-0.09
Leg IV						
Femur L.	0.28	0.33	0.30-0.33	0.32	0.25-0.30	0.32-0.35
Femur D.	0.17	0.24	0.17	0.20	0.16-0.18	0.19-0.22
Patella L.	0.78	0.86	0.75-0.80	1.04	0.70-0.80	0.85-0.91
Patella D.	0.26	0.29	0.25-0.28	0.33	0.25-0.30	0.30-0.34
Femur + patella L.	0.89	1.09	0.86-0.95	1.15	0.80-0.95	1.00-1.09
Tibia L.	0.77	0.81	0.71-0.77	0.97	0.66-0.75	0.82-0.87
Tibia D.	0.13	0.15	0.13	0.17	0.10-0.16	0.15-0.18
Tarsus L.	0.54	0.57	0.52-0.55	0.65	0.46-0.52	0.56-0.60
Tarsus D.	0.09	0.10	0.08-0.09	0.10	0.09-0.10	0.10-0.12

Table 2. The ratios of morphological characters in *Hysterochelifer afghanicus* Beier, 1966 collected from Iran. All measurements in mm; (+) = with pedicel; (-) = without pedicel.

Ratios (L/W, L/D)	Mazandaran Province		Kerman Province		Kermanshah Province	
	1♂	1♀	2♂	1♀	10♂	6♀
Carapace	0.95	1.15	1.01-1.03	1.18	0.98-1.05	1.00-1.24
Pedipalp						
Trochanter	1.93	2.00	2.00	1.83	1.92-2.32	1.83-2.03
Femur	4.88	4.63	4.65-4.79	4.67	4.65-5.00	4.56-4.82
Patella	3.33	3.18	3.33	2.92	3.36-3.58	3.08-3.28
Chela (+)	3.98	3.94	4.07-4.17	3.87	3.95-4.56	3.73-4.20
Chela (-)	3.72	3.74	3.76-3.87	3.53	3.69-4.26	3.45-3.90
Hand (+)	2.17	2.24	2.21-2.27	2.15	2.26-2.55	2.12-2.30
Leg I						
Tibia	4.58	4.58	4.41-4.66	5.50	4.00-5.87	4.67-5.45
Tarsus	4.00	6.12	4.77-5.22	6.33	4.20-6.12	5.33-5.62
Leg IV						
Femur +patella	3.42	3.76	3.39-3.44	3.48	2.96-3.20	3.15-3.33
Tibia	5.92	5.40	5.46-5.92	5.70	4.31-6.64	4.56-5.82
Tarsus	6.00	5.70	6.11-6.50	6.50	4.60-5.78	5.00-5.60

Table 3. Tergal and sternal chaetotaxy of *Hysterochelifer afghanicus* Beier, 1966 from Iran. Spi = spiracle.

Tergites	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
Male	13-15	12-16	15-18	16-19	15-21	17-22	18-21	19-22	18-21	15-19	13-15	2	
Female	13-17	16-19	18-21	18-22	20-23	20-25	20-23	20-24	20-24	17-20	15-18	2	
Sternites	II	Spi. I	III	Spi. II	IV	V	VI	VII	VIII	IX	X	XI	XII
Male	25-32	(0)-(0)	7-10	(1)-(1)	9-10	11-14	12-14	11-15	14-17	15-16	10-17	8-12	2
Female	19-25	(0)-(0)	10-13	(1)-(1)	10-12	13-17	16-19	16-18	17-19	15-18	14-18	11-13	2