

***Pholcus parkyeonensis* Kim & Yoo, 2009**

Kim, J. P., Yoo, S. H. 2009. One new species of genus *Pholcus* (Araneae: Pholcidae). Korean Arachnol. 25: 41-46.

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***Pholcus parkyeonensis* sp. 박연유령거미**

(Fig. 1)

(1) Material examined. Holotype: 19-Desember, 2007. ♂2, ♀5

Collector: Yoo, S. H.

Parkyeon waterfall, Gaeseong-si, Hwanghae-do, North Korea

(2) Measurements

Table 1. *Pholcus parkyeonensis* sp. Measurements

Measurements(mm)	♂	♀
Body length	8.07~9.96	8.62~10.51
Abdomen length	5.38~6.63	7.22
Abdomen width	2.66	5.30
Abdomen thickness	2.54	6.00

Carapace length	2.69~3.33	3.41
Carapace width	2.80	2.59
Carapace thickness	2.22	2.18
AER	0.63	0.63
PER	0.71	0.70
Leg Formular	1>2>4>3	1>2>4>3
Epigynum width	-	1.89
Epigynum length	-	1.60

(3) Etymology: The specific name is taken from its type locality, Parkyeon waterfall, Gaeseong-si, Hwanghae-do, North Korea

(4) Remark: The present species resemble to the Korean endemic species, *P. crassus* Paik, 1978, *P. acutulus* Paik, 1978, dorsal pattern of carapace and abdomen. The present species resemble to the Korean endemic species, *Pholcus kwanaksanensis* Namkung & Kim, 1996. bird-Shaped head of uncus. However, It is distinctly different from the species for the structure of male palpal organ and the structure of epigynum and genitalia.

Pholcus Parkyeonensis sp. is distinguished from the other species by straighten procurus' an end is divided Y form.

(5) Body size: ♂- 8~9.9 mm, ♀- 8.6~10.5 mm

(6) Maturity: May~November

(7) Distribution: North Korea (Indigenous species)

Table 2. *Pholcus Parkyeonensis* sp. Collecting site

No	Locality	Day	Sex	GPS	
1	Parkyeon waterfall, Gaeseong-si, Hwanghae-do, North Korea	2007. 12.19.	♂2, ♀5	38°0'47.77"N	126°31'49.78"E

(8) Ecology

Pholcids are found mainly in dark spaces, under ground objects, in leaf and plants detritus, in soil openings and caves. spinning in hollow trees, beneath overhanging rocks or in the corners of

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houses, a tangled network of threads, amongst which the occupant hangs head downwards. The female carries her cocoon in her chelicerae.

[Ubick et al, 2004]

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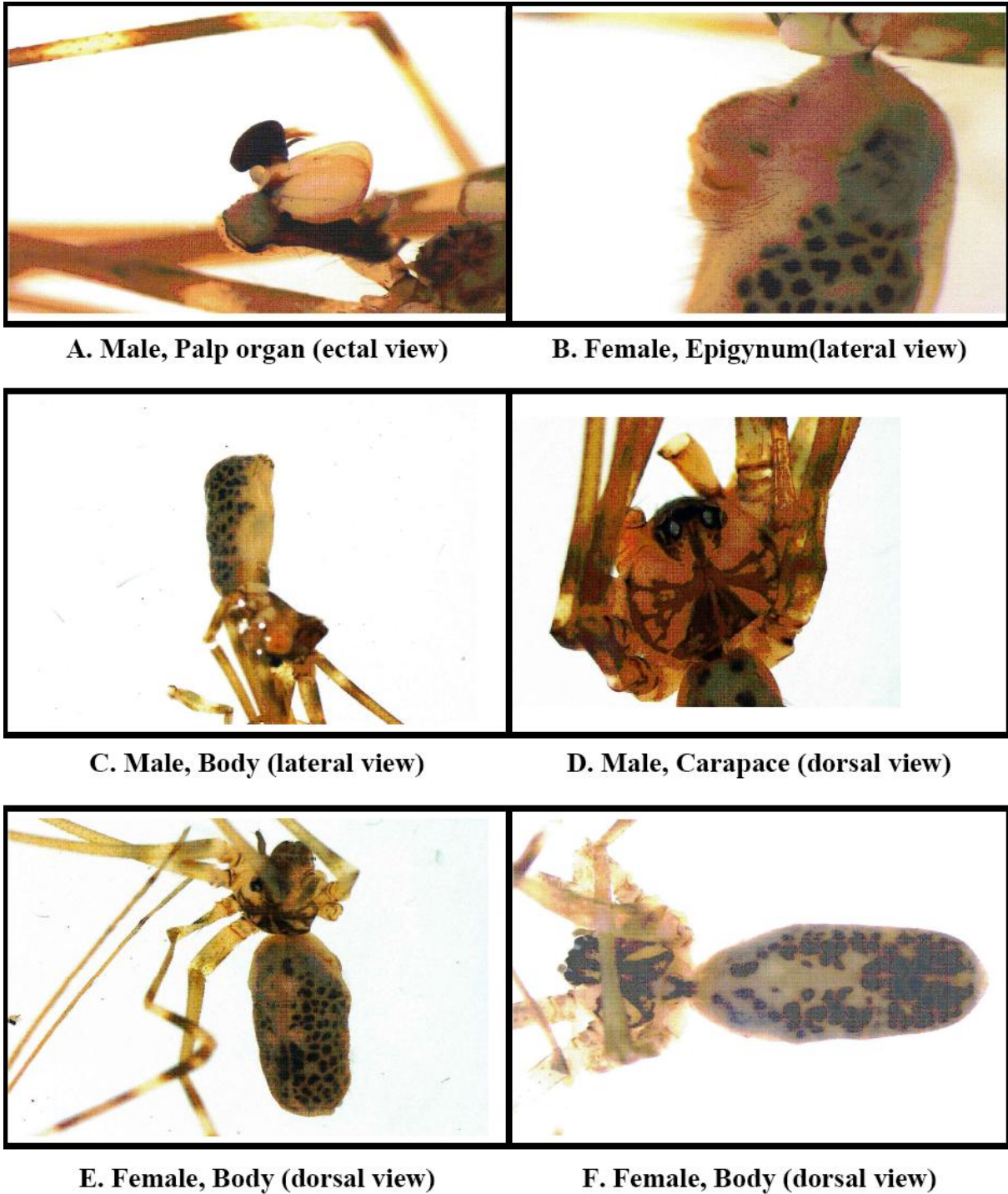
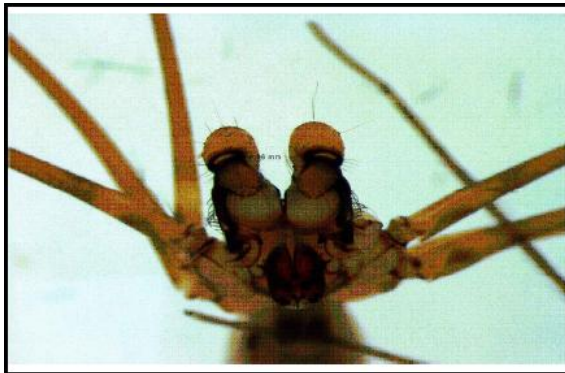
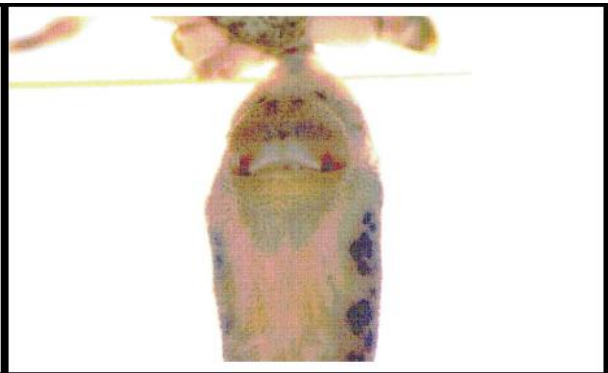


Fig 1. *Pholcus parkyeonensis* sp. (A~F)



G. Male, Palp organ(ectal view)



H. Female, Epigynum



I. Female, Eyes (lateral view)



J. Female, Epigynum(ectal view)



K. Male, Palp (ventral view)



L. Male, palp (ectal view)

Fig 1. *Pholcus parkyeonensis* sp. (G~L)

Huber, B. A. 2011. Revision and cladistic analysis of *Pholcus* and closely related taxa (Araneae, Pholcidae). Bonner zool. Monographien 58: 1-510.

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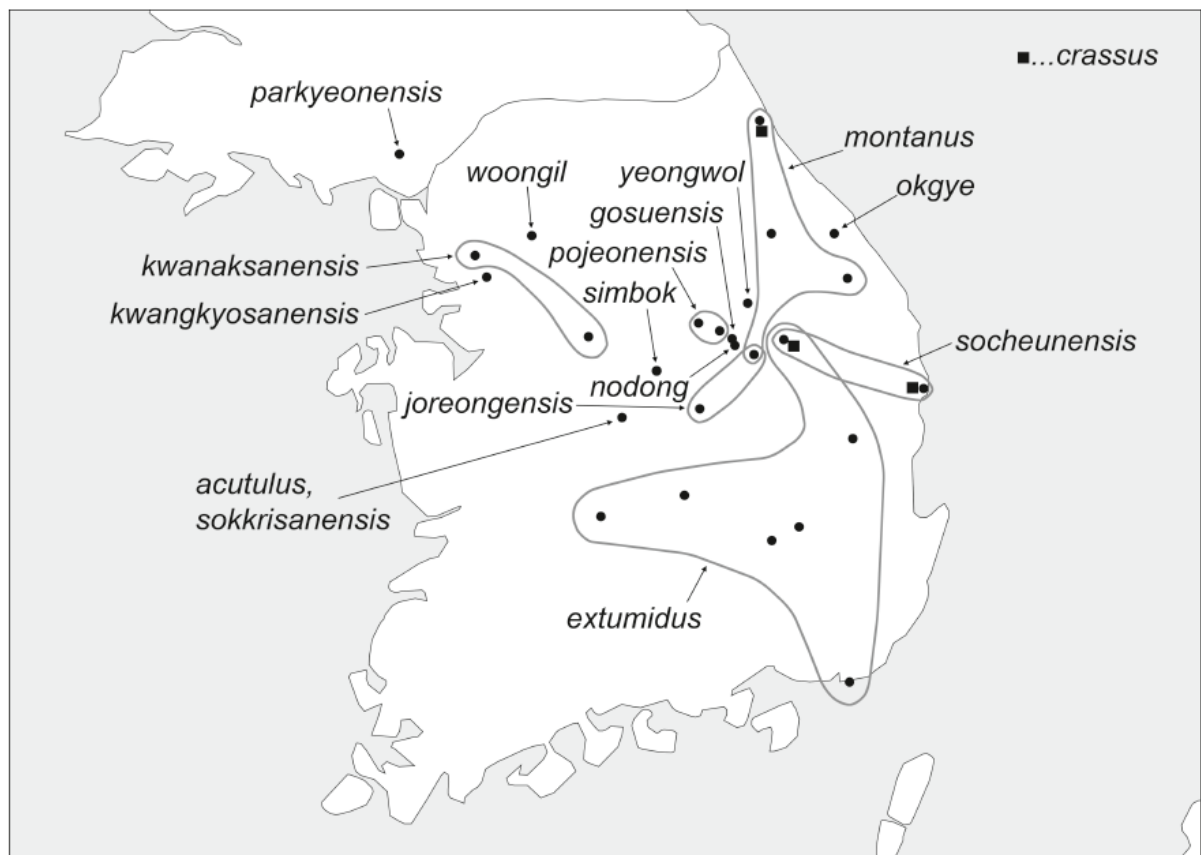


FIG. 2217. Known distribution of Korean representatives of the *Pholcus phungiformes* species group.