

A Taxonomical Study on Ticks in Korea (III)
The Genus *Haemaphysalis*

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韓國產 진드기의 分類學的 研究 (III)
(*Haemaphysalis* 屬)

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摘 要

韓國產 *Haemaphysalis* 屬 진드기는 Ogura and Takada(1927), Akasawa(1928), Kishida(1936), Itagaki, Noda, Yamaguchi(1944) 등에 의하여 *Haemaphysalis bispinosa*, *H. campanulata*, *H. flava*의 3種이 報告되었다.

著者が 1963年 6月 以後 採集한 진드기類를 整理한 結果 *Haemaphysalis cornigera*, *H. kutchensis* 가 韓國未記錄種임이 밝혀졌으므로 이에 發表하는 바이다.

The ticks belonging to the genus *Haemaphysalis* up to date, had been reported three species from Korea by Ogura and Takada (1927), Akasawa (1928), Kishida (1936) and Itagaki, Noda and Yamaguchi (1944). They are:

Haemaphysalis bispinosa NEUMANN, 1897

Haemaphysalis campanulata WARBURTON, 1908

Haemaphysalis flava NEUMANN 1897

In the present paper are described two unrecorded species from Korea.

***Haemaphysalis cornigera* Neumann, 1897**

Haemaphysalis cornigera NEUMANN, 1897. *Mem. Soc. Zool. France*, 10, (3-4): 324-420

Habitat: Yang Joo

Distribution: Korea, Japan, Burma, East India, Taiwan.

Material examined: From the collection of Y.T. NOH: 2 Females. VI 15, 1963 ex *Apodemus agrarius coreae*. From the collection of Y.T. NOH: 2 Females. VI 5, 1963 ex domestic cattle.

Description of the adult:

Female

Length from apex of palpi to posterior body margin approximately 8.0 mm, width approximately 6.0 mm. Color dark brown.

Capitulum: basis capituli slightly over three times as wide as long.

Palpi: retrograde spur of article III at about the midpoint on its posterior margin.

Scutum: length and width subequal.

Coxae: coxa I internal spur very sharp, ventral spur which is at least three times as long as spurs on the other coxae.

***Haemaphysalis kutchensis* Hoogstraal and Trapido, 1963**

Haemaphysalis kutchensis HOOGSTRAAL and TRAPIDO, 1963. *Jour. Parasit.* 49, (3): 489-497.

Habitat: Quelpart Island (Cheju do)

Distribution: Korea, India.

Material examined: From the collection of K.T. Lee: 5 Males. 11 Females. VIII 7, 1963 ex *Phasianus colchicus karpovi*.

Description of the adult:

Male

Length from apex of palpi to posterior body margin approximately 3.0 mm, width approximately 1.7 mm. Color yellowish brown.

Capitulum: basis capituli lateral margins straight, parallel; posterior margin very slightly concave, laterally curving to from internal margins cornua.

Palpi: article I visible dorsally as only a narrow basal ridge; basolateral juncture of article II in a plane with basal margin to trochanter and with only a minute suggestion of lateral salience. Basal margin slightly convex and at a right angle from inner to lateral margin; lateral margin slightly convex, distinctly broken at suture dividing article II and III by slight elongation of basal margin of article III.

Hypostome: moderately stout, approximately twice as long as; lateral margins very slightly convex, apex gradually rounded.

Coxae: internal spur I and II subequal in length but spur I narrow, internal spur II, III and IV subequal in width but those of III and IV slightly shorter than II.

Female

Length from apex of palpi to posterior body margin approximately 4.0 mm, width approximately 2.5 mm. Color yellowish brown.

Capitulum: basis capituli slightly over twice as wide as long; lateral margins straight to cornua, thence slightly converging; basal margin straight.

Palpi: thus lateral margin of article II is longer than in male and article II and III.

Hyposome: essentially as in male except for a few more small denticle in each file similar to those of male.

Scutum: length and width subequal.

Coxae: internal spurs quite similar to those of male except that spur IV is somewhat smaller than that of III and those of II and III are subequal in length and width.

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