

Accepted Manuscript

Morphological phylogeny and biogeography of the *Pterostichus raptor* species group (Coleoptera: Carabidae) of ground beetles, endemic to the Korean peninsula and adjacent islands

Kôji Sasakawa, Jung-Lark Kim, Jong-Kuk Kim, Kôhei Kubota

PII: S1226-8615(16)30345-4
DOI: doi: [10.1016/j.aspen.2016.11.001](https://doi.org/10.1016/j.aspen.2016.11.001)
Reference: ASPEN 879

To appear in: *Journal of Asia-Pacific Entomology*

Received date: 5 August 2016
Accepted date: 7 November 2016



Please cite this article as: Sasakawa, Kôji, Kim, Jung-Lark, Kim, Jong-Kuk, Kubota, Kôhei, Morphological phylogeny and biogeography of the *Pterostichus raptor* species group (Coleoptera: Carabidae) of ground beetles, endemic to the Korean peninsula and adjacent islands, *Journal of Asia-Pacific Entomology* (2016), doi: [10.1016/j.aspen.2016.11.001](https://doi.org/10.1016/j.aspen.2016.11.001)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Morphological phylogeny and biogeography of the *Pterostichus raptor* species group (Coleoptera: Carabidae) of ground beetles, endemic to the Korean Peninsula and adjacent islands

Kôji Sasakawa,^{1*} Jung-Lark Kim,² Jong-Kuk Kim³ and Kôhei Kubota⁴

¹Laboratory of Zoology, Department of Science Education, Faculty of Education, Chiba University, Yayoi-cho, Inage-ku, Chiba, Japan

²Division of Health, Uiduk University, Gyeongju 789-713, Republic of Korea

³Department of Forest Environment Protection, College of Forest Sciences, Kangwon National University, Chuncheon 200-701, Republic of Korea

⁴Graduate School of Agricultural and Life Sciences, The University of Tokyo, Tokyo 113-8657, Japan

*Corresponding author: ksasa@chiba-u.jp

Download English Version:

<https://daneshyari.com/en/article/5763602>

Download Persian Version:

<https://daneshyari.com/article/5763602>

[Daneshyari.com](https://daneshyari.com)