

Serangga 12(1-2): 29-32

ISSN 1394-1530 © 2007, Centre for Insect Systematics, UKM & Department of Museums Malaysia

**NEW RECORDS OF *LILIOCERIS (CHUJOITA)*
SPECIES FROM SABAH, E. MALAYSIA
AND IS. BALI, INDONESIA
(COLEOPTERA: CHRYSOMELIDAE)**

Haruo Takizawa

Institute for Tropical Biology and Conservation, Universiti Malaysia Sabah
Kota Kinabalu, Sabah

ABSTRACT

Lilioceris (Chujoita) severini (Jacoby) and *L. (C.) dromedaria* (Baly) was recorded from Sabah, E. Malaysia and Bali Is., Indonesia, respectively. The former species feeds on leaves of *Smilax borneensis* (Smilacaceae) near Kota Kinabalu. This is the first record of host plants for this small subgenus.

Key words: Malaysia, Sabah, Chrysomelidae, Bali Island, Malaysia

ABSTRAK

Lilioceris (Chujoita) severini (Jacoby) dan *L. (C.) dromedaria* (Baly) telah direkodkan dari Sabah, Malaysia Timur dan Pulau Bali, Indonesia. Spesies terdahulu memakan daun *Smilax borneensis* (Smilacaceae) berdekatan Kota Kinabalu. Ini adalah rekod pertama pokok perumah untuk subgenus yang kecil ini.

Kata kunci: Malaysia, Sabah, Chrysomelidae, Pulau Bali, Indonesia.

On the course of our study on Chrysomelidae of Great Sunda Islands, two species belonging to the subgenus *Chujoita* Monros of *Liliocerus* Reitter were found. These two species are keyed and their habitus are given.

Subgenus *Chujoita* Monros, 1959, is a small group represented by several species from Asia and Australia. This is clearly distinguished from 2 other subgenera by the elytra conspicuously raised behind the scutellum and foveolate-punctate sparsely.

Liliocerus (Chujoita) Monros, 1959

Los generos de Chrysomelidae, Opera Lilloana, 3: 148 (Type species: *Criocerus camelus* Duvivier from Australia).

Liliocerus (Chujoita) dromedaria (Baly) (Fig. 1)

Criocerus dromedaria Baly, 1861, J. Ent., 1: 279, pl. 13, fig. 2 (Cambodia)

Liliocerus (Chujoita) dromedaria: Kimoto & Gressitt, 1979, Pac. Ins., 20 (2-3): 221 (Cambodia, Vietnam).

Specimens examined. 1 ex., Asah Panji, Lake Tamblingan, C. Bali, Indonesia, VI.1998, Arbaimuni leg. (H. Takizawa collection).

Remarks. This is the first record of this species from Is. Bali. So far this species has been recorded from Cambodia, Vietnam and Java.

Liliocerus (Chujoita) severini (Jacoby) (Fig. 2)

Criocerus severini Jacoby, 1893, Ann. Soc. Ent. Belg., 37: 270 (Sumatra).

Liliocerus (Chujoita) severini: Kimoto, 1984, J. Kurume Univ., 38 (1): 54 (Sumatra)

Specimens examined. 1 ex., near Keningau, Sabah, E. Malaysia, V.1999 (H. Takizawa collection); 3 exs., UMS hill, Kota Kinabalu, Sabah, Malaysia, 17.IV.2007, 15.VIII.2007, (feeding on *Smilax borneensis*), H. Takizawa leg. (ITBC collection, Malaysia Sabah University)

Remarks. This is the first record of this species from Borneo, so far known from Sumatra and Australia. Three individuals from Kota Kinabalu were caught when feeding on leaves of *Smilax borneensis* (Smilacaceae). Members of the world-widely distributed genus *Lilioceris* Reitter usually feed on Liliaceae, Amilacaceae, Dioscoraceae, Orchidaceae, etc. (Jolivet & Hawkeswood, 1995). So far no host plant for the subgenus *Chujoita* is known.

These two species are similar in shape and coloration, but are distinguished from each other as follows.

L. dromedaria: Body slightly smaller, 7.5 mm in length; postocular area gradually narrowed posteriorly behind posterior margin of eye; elytra with seriate dark spots well contrasted to the yellowish brown ground; metathoracic sternum at lateral area shallowly delimited by weak longitudinal line, the area flat and about 1/3 as wide as episternum.

L. severini: Body larger, 9-10 mm in length; postocular area subparallel-sided, making clear angle with posterior margin of eye; elytra with obscure dark spots; metathoracic sternum with a strong longitudinal line, the separated area convex and 2/3 as wide as episternum.

This short note was written at the Institute of Tropical Biology and Conservation, Malaysia Sabah Univ., Kota Kinabalu, where the first author is staying for two years as a visiting researcher sent by JICA (Japan International Corporation Agency). For these two organizations, he wishes to express his sincere gratitude.

REFERENCES

Jolivet, P. & T. J. Hawkeswood, 1995, *Host-plants of Chrysomelidae of the world*, 281pp., Backhuys Publishers, Leiden.

Takizawa Haruo & Nordin Wahid: Institute of Tropical Biology and conservation, Malaysia Sabah Univ.



Figure 1: *Lilioceris (Chujoita) dromedaria*



Figure 2: *Lilioceris (Chujoita) severini*