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A new *Cyrtodactylus* (Squamata: Gekkonidae) from Khanh Hoa Province, southern Vietnam

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Abstract

We describe a new species of the genus *Cyrtodactylus* from southern Vietnam, based on morphological and molecular datasets. *Cyrtodactylus cucdongensis* sp. nov. is described on the basis of seven specimens collected from Cuc Dong Cape, Khanh Hoa Province. The new species can be distinguished from the remaining bent-toed geckos by a combination of the following characters: maximum SVL 65.9 mm; 16–19 dorsal tubercle rows; 41–44 ventral scales at midbody; 5 or 6 precloacal pores in males, 4–6 pitted precloacal scales in females; no femoral pores; 6–13 enlarged precloacal scales; 5–9 enlarged femoral scales; no transversally enlarged subcaudals; dorsal pattern consisting of irregular dark bands. This is the 33rd species of *Cyrtodactylus* known from Vietnam.

Key words: Gekkonidae; *Cyrtodactylus cucdongensis* sp. nov., new species, morphology, taxonomy, molecular phylogeny

Introduction

In the past decades, Vietnam has shown to be a hotspot of *Cyrtodactylus* diversity. Since 1997, when only three species had been known from the country, 29 additional species have been described from Vietnam (Nguyen *et al.* 2013; Ziegler *et al.* 2013; Phung *et al.* 2014). Recent field research in southern Vietnam's coastal region led to the discovery of another population of *Cyrtodactylus* from Cuc Dong Cape, Khanh Hoa Province. Both morphological examination and molecular analyses revealed that this population is a member of the *Cyrtodactylus irregularis* species complex, the most species-rich group of bent-toed geckos. According to Nazarov *et al.* (2012) and Nguyen *et al.* (2013) the *C. irregularis* group currently consists of ten species, namely *C. bidoupimontis* Nazarov, Poyarkov, Orlov, Phung, Nguyen, Hoang & Ziegler, 2012, *C. bugiamapensis* Nazarov, Poyarkov, Orlov, Phung, Nguyen, Hoang & Ziegler, 2012, *C. cattienensis* Geissler, Nazarov, Orlov, Böhme, Phung, Nguyen & Ziegler, 2009, *C. cryptus* Heidrich, Rösler, Vu, Böhme & Ziegler, 2007, *C. huynghi* Ngo & Bauer, 2008, *C. irregularis* (Smith, 1921), *C. phuocinhensis* Nguyen, Le, Tran, Orlov, Lathrop, Macculloch, Le, Jin, Nguyen, Nguyen, Hoang, Che, Murphy & Zhang, 2013, *C. pseudoquadrivirgatus* Rösler, Vu, Nguyen, Ngo & Ziegler, 2008, *C. taynguyenensis* Nguyen, Le, Tran, Orlov, Lathrop, Macculloch, Le, Jin, Nguyen, Nguyen, Hoang, Che, Murphy &

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