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# Six exotic terrestrial earthworms (Oligochaeta: Megadrilacea: Moniligastridae, Lumbricidae, Ocnerodrilidae & Megascolecidae) newly added to Korean species biodiversity list\*

ROBERT J. BLAKEMORE<sup>1,2</sup>, JOO-LAE CHO<sup>1</sup> & TAE SEO PARK<sup>1</sup>

<sup>1</sup>National Institute of Biological Resources (NIBR), Incheon, 404-708, Korea. <sup>2</sup>Corresponding author. E-mail: rob.blakemore@gmail.com

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Preliminary inspection by the principal author of the NIBR Oligochaete collection, maintained by marine Annelida curator T.-S. Park, revealed several new endemic species, such as an *Amynthas* **sp. nov**. described in the current *Zootaxa* issue, plus three of the six exotics titled above. Three additional new exotic records are the results of recent in-country collection by the authors in early 2012 that together raise the Korean earthworm biodiversity count to ~113 named species.

Exotics new for Korea are:

# Family MONILIGASTRIDAE

#### Drawida cf. barwelli (Beddard, 1886)

NIBR IV0000245078. Jeollanam-do, Gurye-gun, Masan-myeon, Naengcheon-ri, (N35°12'41.0''E127°28'51.8'') 37m AMSL. Collected by R.J.Blakemore, J.-L. Cho and Hanna Bae, 19<sup>th</sup> Jan. 2012 behind tea shop and beside fallow rice paddy drain ditch under frozen soil cap at ca. 15cm depth. Two specimens with regressed clitella, both coiled in diapause in small soil 'cells'; here fixed and preserved in 80% ethanol (EtOH) before dissection and tissue sampling for DNA analysis (pending). Both specimens agree with *Moniligaster beddardii* Rosa, 1890 especially as redescribed by Gates (1972: 246) that, although having (three or) four gizzards in 15–18, as in present specimens, is currently maintained in synonymy of *D. barwelli* that more often has two to four gizzards in some of 12–16 (allowing for Beddard's original segment miscount). Michaelsen (1900: 116) first synonymized these two names and their subsequent accounts have been variously intermingled—Blakemore (2010b: 142–154, figs. 1–6) and Blakemore & Kupriyanova (2010) provide fuller details.

## Family LUMBRICIDAE

## Eiseniella tetraedra tetraedra (Savigny, 1826)

NIBR IV0000213512. Jeollabuk-do, Jeongsup-si, Sanae-myeon, Jeongnyang-ri. Collected by M.C. Kim & J.Y. Mun, 20 May, 2005. "*Eisenia* sp". Mature specimen.

NIBR IV0000243427. Gyeoggi-do. Collected by D.H. Won. 11 Apr. 2004. "Eisenia sp". Six specimens, mostly fully mature clitellates.

NIBR IV0000213239. Gyeonggi-do Hwaseong-si Sinnam-dong. Collected by D. H. Won, 14 Apr. 2004. "Eisenia sp". Thirteen specimens, mostly mature.

NIBR IV0000213622. Gyeonggi-do Anyang-si. Manan-gu Seoksu-dong. Collected by D.H. Won, 14 Apr. 2004. An immature *Eiseniella* sp. specimen.

NIBR IV0000213625. Gyonggi-do Hwaseongsi namyang-dong. Collected by D.H. Won, 14 Apr. 2004. "*Eisenia* sp". Five juvenile *Eiseniella* sp. specimens. All in NIBR collection.