fauna of Horn Island, Mississippi. Gulf Research Reports 2: 213-256.

Riley, E. G. 2011. An Illustrated Inventory of the Beetles (Coleoptera) of Lick Creek Park, College Station, Texas. http://insects.tamu.edu//tamuinsect collection/lick_creek_park/beetles/

Slipinski, S. A., & J. F. Lawrence. 1999. Phylogeny and classification of Zopheridae *sensu novo* (Coleoptera: Tenebrionoidea) with a review of the genera of Zopherinae (excluding Monommatini). Annales Zoologici (Warszawa) 49: 1-53.

Slipinski, S. A., & J. F. Lawrence. 2010. Zopheridae Solier, 1834. Pp. 548-559 *in* R. A. B. Leschen, R. G. Beutel, & J. F. Lawrence (eds.), Handbook of Zoology. Volume IV, Arthropoda: Insecta. Part 39. Coleoptera, Beetles. Volume 2: Morphology and Systematics (Elateroidea, Bostrichiformia, Cucujiformia partim). Walter de Gruyter, Berlin.

Ulke, H. 1902. A list of the beetles of the District of Columbia. Proceedings of the United States National Museum 25(1275): 1-57.

Ulyshen, M. D., & J. L. Hanula. 2009. Habitat associations of saproxylic beetles in the southeastern United States: a comparison of forest types, tree species and wood postures. Forest Ecology and Management 257: 653-664.

White, R. E. 1983. A Field Guide to the Beetles of North America. Houghton Mifflin Company, Boston. 368 pp.

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NAMPABIUS FUNGIFEROPES (CHAMBERLIN), A BOREAL CENTIPED NEW TO THE FAUNA OF VIRGINIA (CHILOPODA: LITHOBIIDAE). — Hoffman (1995) prepared the first list of Virginia centipeds, accounting for 56 confirmed and 20 potential species. Three species were added to the state's fauna by Hoffman & Pereira (2002). Subsequently, Pereira (2009) described *Strigamia hoffmani*, a new species from the mountains of western Virginia, raising the total to 60 centipeds.

Within Lithobiidae, a speciose centiped family, the diminutive genus *Nampabius* is represented in Virginia by four species, including *N. turbator* Crabill, which is apparently restricted to cave environments (Crabill, 1952; Hoffman, 1995). Four other representatives of this genus were included in Hoffman's (1995) list of potential species for Virginia based on their occurrences in nearby areas of North Carolina or Tennessee. None of these species has since been documented in the state, but we herein report the discovery of a species of *Nampabius* that was not previously known to occur in close proximity to Virginia.

Chamberlin (1904) described Lithobius fungiferopes from Ithaca, New York, noting that this small (5-6 mm total length), mostly purple-brown centiped with a blackish head is "Not uncommon under fallen leaves in woods." Subsequently, he (Chamberlin, 1913) erected the genus Nampabius and transferred fungiferopes into it, where the species has resided ever since. In that paper, Chamberlin also reported N. fungiferopes from two localities in southern Vermont and noted that large individuals nearly attain 7 mm in total length. Bailey (1928) remarked that this species was "very common" throughout New York, but he only cited four localities, three of which are in the Finger Lakes region of the state. Citing Johnson (1952), Snider (1991) recorded N. fungiferopes from Presque Isle County, Michigan. These three northern states (Michigan, New York, and Vermont) remain the only known jurisdictions with documented records of this species (Mercurio, 2010). Thus, the following new locality adds considerably to the documented distribution of this small, litterinhabiting centiped.

A berleseate of red spruce (*Picea rubens*) litter obtained by SMR on 19 October 2011 near the summit of Whitetop Mountain (ca. 5500 ft/1675 m) in the southern Blue Ridge Mountains ca. 6 km north of the Virginia-North Carolina border yielded an adult male *N. fungiferopes* in excellent condition (VMNH). This record extends the known range about 480 miles/775

km southwestward from Ithaca, New York (Fig. 1). The recent All Taxa Biodiversity Inventory of Great Smoky Mountains National Park yielded numerous specimens of the widespread congener *N. michiganensis*, but apparently none of *N. fungiferopes* (Discover Life in America, 2012).

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LITERATURE CITED

Bailey, J. W. 1928. The Chilopoda of New York State, with notes on the Diplopoda. New York State Museum Bulletin 276: 1-50.

Chamberlin, R. V. 1904. New chilopods. Proceedings of the Academy of Natural Sciences of Philadelphia 56: 651-657.

Chamberlin, R. V. 1913. The lithobiid genera *Nampabius*, *Garibius*, *Ticlabius*, and *Sigibius*. Bulletin of the Museum of Comparative Zoology 57: 39-104.

Crabill, R. E. 1952. A new cavemicolous *Nampabius* with a key to its northeastern American congeners (Chilopoda: Lithobiidae). Entomological News 63: 203-206.

Discover Life in America. 2012. All Taxa Biodiversity Inventory Database. http://www.dlia.org/all-taxabiodiversity-inventory-atbi-database [accessed 5 November 2012]

Hoffman, R. L. 1995. The centipeds (Chilopoda) of Virginia: a first list. Banisteria 5: 20-32.

Hoffman, R. L., & L. A. Pereira. 2002. First Virginia records for three species of centipeds (Geophilomorpha: Schendylidae). Banisteria 19: 23-25.

Johnson, B. M. 1952. The centipedes and millipedes of Michigan. Unpublished Ph.D. thesis, University of Michigan, Ann Arbor, MI. 488 pp. [not seen by authors]

Mercurio, R. J. 2010. An Annotated Catalog of Centipedes (Chilopoda) from the United States of America, Canada and Greenland (1758-2008). Xlibris Corporation. 560 pp.



Fig. 1. Known distribution of *Nampabius fungiferopes* (Chamberlin).

Pereira, L. A. 2009. A new dwarf species of the genus *Strigamia* Gray, 1843 from the Southern Appalachian Mountains of western Virginia (Chilopoda: Geophilomorpha: Linotaeniidae). Pp. 209-222 *in* S. M. Roble & J. C. Mitchell (eds.), A Lifetime of Contributions to Myriapodology and the Natural History of Virginia: A Festschrift in Honor of Richard L. Hoffman's 80th Birthday. Virginia Museum of Natural History Special Publication No. 16, Martinsville, VA.

Snider, R. M. 1991. Updated species lists and distribution records for the Diplopoda and Chilopoda of Michigan. Michigan Academician 24: 177-194.

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