

Four Longhorned Beetles (Coleoptera: Cerambycidae) New to
Virginia and Additional New Park Records (Coleoptera: Anthicidae,
Buprestidae, Cantharidae, Carabidae, Cerambycidae, Chrysomelidae)
for the George Washington Memorial Parkway

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ABSTRACT

New park records are provided for six families of Coleoptera. Four species of Cerambycidae are recorded for the first time from Virginia. An updated count of Cerambycidae and Chrysomelidae is given for the Potomac River Gorge, an area that has been surveyed for beetles for more than 100 years.

Keywords: Fairfax County, Malaise trap, national park, new state records.

Continued sorting of Malaise trap samples obtained from national park sites within the George Washington Memorial Parkway (Dyke Marsh Wildlife Preserve, Great Falls Park, Turkey Run Park, and Little Hunting Creek) and recent hand picking has produced new beetle records for the park and for Virginia. All specimens are deposited at the Turkey Run Park Headquarters of the George Washington Memorial Parkway (GWMP) in McLean, Virginia. These new records are summarized below.

Anthicidae (Ant-like Flower Beetles)

The following record increases the number of ant-like flower beetles documented from the park to 13 species (Steury et al., 2013; Steury, 2017).

Malporus formicarius (LaFerté-Sénéctère) – Fairfax Co.: Turkey Run Park, near river, 10-30 April 2009, D. Smith (1).

Buprestidae (Metallic Wood-boring Beetles)

These records increase the total number of metallic wood-boring beetles known from the park to 29 species (Steury et al., 2012; Steury & Messer, 2015; Steury, 2017).

Agrilus arcuatus (Say) – Fairfax Co.: Little Hunting Creek, 19 May-2 June 2017, B. Steury, C. Davis, & C. Acosta (2).

Chrysobothris chlorocephala Gory – Fairfax Co.: Collingwood Picnic Area, found dead in parking lot, 20 August 2017, B. Steury & H. M. Steury (1).

Cantharidae (Soldier Beetles)

This record increases the number of soldier beetles documented from the park to 38 species (Steury et al., 2018).

Malthodes wernerii Fender – Fairfax Co.: Little Hunting Creek, 1-14 June 2018, B. Steury & C. Davis (1). Fender (1951) reported this species from the District of Columbia, Maryland, and West Virginia, but not Virginia. Pelletier & Hébert (2014) include a record from near the state line between Virginia and West Virginia.

Carabidae (Ground Beetles)

These records increase the tally of ground beetles documented from the park to 199 species (Steury et al., 2014, Steury & Messer, 2014, 2015; Steury, 2017).

Bembidion confusum Hayward – Fairfax Co.: Turkey Run Park, sand bar with silt cakes in Potomac River at mouth of Dead Run, 8 May 2017, B. Steury (1); same but 13 June 2017 (4).

Trichotichnus vulpeculus (Say) – Fairfax Co.: Great Falls Park, quarry, 5 September-21 October 2009, D. Smith (2); Turkey Run Park, in building in spider web, 2 October 2017, B. Steury (1).

Cerambycidae (Longhorned Beetles)

These records increase the number of longhorned beetles known from the Potomac River Gorge (POGO), an area that has been surveyed for beetles for more than 100 years (Evans, 2008; Staines, 2008a), to 102 species (Steury & MacRae, 2014), and increase the park total to 91 species (Steury & MacRae, 2014; Steury, 2017). State record determinations are based on published literature records maintained in the database of Ted MacRae (T. C. MacRae, in litt., 2017). Voucher specimen records from the Virginia Museum of Natural History (VMNH), located in Martinsville, Virginia, (and possibly Virginia Polytechnic Institute and State University [VTEC], in Blacksburg) that were compiled by the late Richard Hoffman for his uncompleted atlas of Virginia Cerambycidae project, are given for each species reported as new to Virginia.

Methia nocydalea (Fabricius) – Fairfax Co.: Dyke Marsh Wildlife Preserve, 6-16 June 1998, E.M. Barrows (1); Little Hunting Creek, 2-20 June 2017, B. Steury, C. Davis, & C. Acosta (6). **NEW STATE RECORD.** Richard Hoffman had records from the cities of Norfolk and Virginia Beach.

Neochlytus scutellaris (Oliver) – Fairfax Co.: Little Hunting Creek, 2-20 June 2017, B. Steury, C. Davis, & C. Acosta (1). **NEW STATE RECORD.** Richard Hoffman had records from Charlotte, Craig, Fairfax, Frederick, King and Queen, Nelson, Northumberland, Prince William, and Roanoke counties and the cities of Chesapeake, Norfolk, and Virginia Beach.

Oberea deficiens Casey – Fairfax Co.: Little Hunting Creek, 1-14 June 2018, B. Steury & C. Davis (1).

Obrium rubidum LeConte – Fairfax Co.: Turkey Run Park gulch, 1-20 May 2009, D. Smith (2). New POGO Record; **NEW STATE RECORD.** Richard Hoffman was aware of a record from Montgomery County.

Psyrrassa pertenuis (Casey) - Fairfax Co.: Little Hunting

Creek, 1-14 June 2018, B. Steury & C. Davis (1).

Purpuricenus paraxillaris MacRae – Fairfax Co.: Collingwood Picnic Area, 18 June 2018, B. Steury (1). This species was only recently described (MacRae, 2000, 2009).

Sarosesthes fulminans (Fabricius) – Fairfax Co.: Little Hunting Creek, 5-19 May 2017, B. Steury, C. Davis, & C. Acosta (1).

Stenocorus cylindricollis (Say) – Fairfax Co.: Little Hunting Creek, 19 May-2 June 2017, B. Steury, C. Davis, & C. Acosta (1); same but 2-20 June 2017 (2). Two specimens are of the form with a dark head, pronotum, basal antennal segments, and legs. The other specimen is of the form with a reddish head, pronotum, basal antennal segments, and femora.

Sternidius alpha (Say) – Fairfax Co.: Little Hunting Creek, 23 April-15 May 2017, B. Steury, C. Davis, & C. Acosta (2); same but 2-20 June 2017 (1).

Typocerus lugubris (Say) – Fairfax Co.: Great Falls Park swamp, 15-29 June 2006, D. Smith (1); same but 21 May-18 June 2009 (1); Great Falls Park quarry 19-30 June 2009, D. Smith (4); Little Hunting Creek, 2-20 June 2017, B. Steury, C. Davis, & C. Acosta (1). **NEW STATE RECORD.** Richard Hoffman had records from Amherst, Augusta, Dickenson, Fairfax, Franklin, Giles, Halifax, Henrico, Louisa, Lunenburg, Montgomery, Nelson, Page, Roanoke, Rockingham, Spotsylvania, Tazewell, and Warren counties and the City of Richmond.

Chrysomelidae (Leaf Beetles)

The following records increase the number of leaf beetles known from the park to 110 species (Cavey et al., 2013; Steury et al., 2014; Steury, 2017) and those known from the Potomac River Gorge to 189 (Evans, 2008; Staines, 2008b).

Bassareus formosus (Melsheimer) – Fairfax Co.: Turkey Run Park, 7-21 June 2006, D. Smith (1). New POGO Record.

Epitrix fasciata Blatchley – City of Alexandria: Jones Point Park community gardens, feeding on *Solanum melongena* L., 22 May 2018, B. Steury (6).

Pachyonychus paradoxus (Melsheimer) – Fairfax Co.: Little Hunting Creek, 2-20 June 2017, B. Steury, C. Davis, & C. Acosta (1).

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