

***Calopteryx maculata* (Beauvois)**

Ebony Jewelwing

11 May - 21 Sep

Common - S5

MALE: 39-57 mm (1.5-2.2 in.) FEMALE: 41-52 (1.6-2.1)

Large

MALE: Head/Thorax: black. Abdomen: metallic green. Wings: jet black. Stigmas: absent. Appendages: long/slender, black.

FEMALE: Thorax/Abdomen: duller green; S9-10 light brown. Wings: brown, often w/ dark tips. Stigmas: white.

JUVENILE: Wings: lighter brown.

Habitat: Shaded or partly shaded forested sections of rivers and streams; adults at rapids. Perches horizontally.

Reproduction: Male patrols 6-9' of shoreline near floating vegetation 10 a.m.-4 p.m. Mate perched outside of territory. Female oviposits alone while male guards; mostly in p.m.; eggs are inserted in floating plants (e.g., watercress, bur-reed, etc.) in slow to moderate flowing water.

Notes: Perched (often in clusters), slowly opens/quickly closes wings. May occupy same feeding perch for hours or days. Butterfly- like flight. Was *Agrion maculatum*.

Similar species: The *Hetaerina americana* (American Rubyspot).

Locations: Avalon, Alpha Ridge - LPR, Amberwoods, Atholton, Cattail, Cedar Lane, Centennial - L/S/VP, Coca Cola Drive, Daniels, David Force, Deep Run, Dunteachin Farm, Elkhorn - FB, Farm Ponds, Font Hill, Fox Chase, Frederick Road, Gaither Road, Gateway - AE/JM/SM, Gwynn Acres, Henryton, High Ridge, Hipsely Mill, Howard Chapel, Hugg-Thomas, Jackson, Pond, Kindler - D/P, Long Corner - P/PR, Lynn Buff, Manor Woods, Marriotsville, Mayfield Woods - DR/GG, Meadowbrook, MPEA - CC/MPR/P1/P2/P3/P4, Mount Pleasant, Murray Hill, Nichol's Cove, North Laurel, Old Frederick, Pigtail, PRSP, River Road, Savage Mill, Savege Park, Schooley Mill, Sewell's Orchard, Starting Gate, Stevens - E/W, Swansfield, Trinity, UMDCF - S, Vantage Point - S/LPR, Vollmerhausen - U/IB, Wesley Lane, Western Regional, Wilde Lake, Wincopin, Woodstock.

[Phenograms](#) (pages 2 – 6).

[Locations](#) (in Howard County)

[Identification features and odonate anatomy](#)