

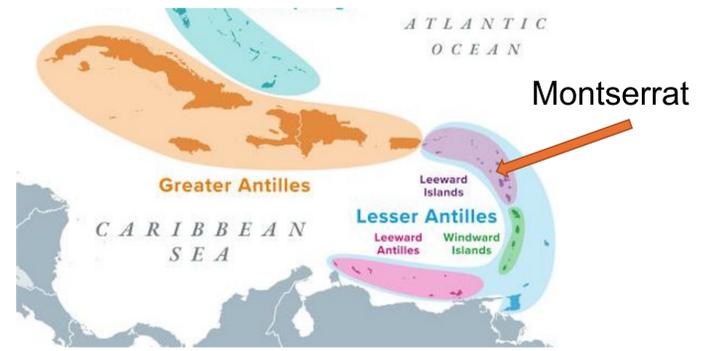


The Heteroptera of Montserrat



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Habitats found on Montserrat include dry, mesic, and wet forests, elfin woodland, littoral forest, as well as man-made habitats. The climate is tropical, but there is a seasonal pattern with a relatively cooler and drier season between January and April and a hotter and wetter season between July and November. During four visits between January 2023 and July 2025 different habitats were surveyed for Heteroptera, using standard entomological field methods.



Montserrat is situated in the eastern Caribbean Sea, approx. 40 km southwest of Antigua and 56 km northwest of Guadeloupe. It is 104 km² in size with a maximum elevation of 1050 m. It is a volcanic island, with a chain of dormant and active volcanos. A large area, covering almost half of the island in the south, is still declared an exclusion zone for safety reasons.



The preliminary checklist includes 130 taxa, some of which await further identification. Considering the small area, the diversity is high, especially in the still underexplored and difficult to access mountain forest. The presence of endemic species is likely, but more studies are needed to further investigate the Heteroptera of Montserrat.



Brachyplatys subaeneus (Westwood, 1837), *Zelus longipes* (Linnaeus, 1767), *Kernegaster pinguis* (Germar, 1839), *Pseudacysta perseae* (Heidemann, 1908), *Vulsirea nigrorubra* Spinola, 1837



Mormidea cubrosa (Dallas, 1851), *Chariesterus gracilicornis* Stål, 1870, *Oxycarenus hyalinipennis* (A. Costa, 1843), *Arvelius albopunctatus* (De Geer, 1773), *Esperanza texana* Barber, 1906



Galgupha guttiger (Stål, 1862), *Arocera placens* (Walker, 1867), *Chinavia marginata* (Palisot de Beauvois, 1817), *Piezodorus guildinii* (Westwood, 1837), *Oebalus pugnax* (Fabricius, 1775)



Catorhintha sp., *Sphyrocoris obliquus* (Germar, 1839), *Harmostes serratus* (Fabricius, 1775), *Neacoryphus bicrucis* (Say, 1825), *Althos obscurator* (Fabricius, 1803)



Oncocephalus sp., *Spartocera* sp., *Pycnoderes* sp., *Kleidocerys virescens* (Fabricius, 1794), *Proxys victor* (Fabricius, 1775)



Phthiacnemia picta (Drury, 1773), *Edessa meditabunda* (Fabricius, 1794), *Cebrenis cauta* Brailovsky 1995, *Jadera sanguinolenta* (Fabricius, 1775)

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