

**Biodiversity Duty:
Coleoptera (Beetles) Survey of the
Collections Centre, Nantgarw**



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Introduction

From 1 October 2006, all public authorities in England and Wales have a duty to have regard to the conservation of biodiversity in exercising their functions (Section 40 of the Natural Environment and Rural Communities Act 2006). As part of the Museum's response to this legislation, biodiversity audits are being carried out at all of its sites. In this report, an assessment of the potential Coleoptera biodiversity is presented from a survey of the grounds of the Collections Centre, Nantgarw during June 2009.

Methods

A site visit was made to the Nantgarw Collection Centre on the 15/06/2009. Approximately 4 hours was spent collecting at the sides and rear of the building using vacuum sampling (Stewart and Wright, 1995). Each sample was visually sorted and the Coleoptera removed and preserved for later identification.

Results

There were 24 species of Coleoptera represented in the vacuum samples. The species in the samples were those one would expect to find in an urban garden or brownfield site and none were of note. Further collecting at other times of the year would undoubtedly increase the number of species found, but given the nature of the site most of these would be common species typical of urban sites.

References

Stewart, A.J.A., & Wright, A.F. 1995. A new inexpensive suction apparatus for sampling arthropods in grassland. *Ecol. Entomol.* 20:98-102.