

AN ANNOTATED LIST OF THE BUCKINGHAMSHIRE CARABIDAE (COLEOPTERA) INCLUDING TWENTY SPECIES NOT PREVIOUSLY RECORDED

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A few years have elapsed since the last serious attempt to enumerate any sort of insect in Buckinghamshire. I have been studying Carabidae in the county for three years and this list of 156 species summarises some of the information accumulated. The last published list was that of Moore (1957), which included 127 species. However, this and earlier studies concentrated upon the southern half of the county and field-work in the north has produced a number of hitherto unrecorded Carabidae. A more detailed discussion of the Buckinghamshire ground beetle fauna is planned; hopefully this article will stimulate interest in a branch of natural history surprisingly neglected in a region so close to London.

Nomenclature follows Pope (1977), however for convenience the names are listed alphabetically.

Key to Symbols

- * New to county.
- † No locality details available, or confirmation of species desirable.
- F Fowler (1902).
- M Moore (1957).
- L Various short notes and articles considered reliable.
- T Rev. C. E. Tottenham collection and notebooks (1931 - 1956). British Museum (Natural History).
- Q H. J. Quilter coll. (c. 1918 - 1948), Buckinghamshire County Museum, det. C. Reid.
- A Sir E. C. Ansorge coll. (c. 1955 - 1975), Buckinghamshire County Museum, det. C. Reid.
- B F. D. Buck notebooks, (1950s), Colchester Natural History Museum, list in BCM.
- H A. Marshall coll. (1976 -), High Wycombe, det. C. Reid.
- I M. Arthern coll. (1979), Ivinghoe Environmental Studies Centre, det. C. Reid.
- R C. Reid coll. and notebooks (1976 -).
- S N. Stott coll. (1976 -), Bletchley, dets. confirmed M. L. Luff.
- C coll. A. McCann (1979), for MKDC, det. C. Reid.

Abax parallelipedus (Piller & Mitterpacher)	FMARSLC	A. assimile (Paykull)	FMSRLC
Acupalpus consputus (Duftschmid)	FMR	A. dorsale (Pontoppidan)	FMQALR
A. dorsalis (Fabricius)	FM	A. fuliginosum (Panzer)	FMLR
A. dubius Schilsky	FMLR	A. gracile Sturm	LR
A. exiguus Dejean	FMR	A. marginatum (Linnaeus)	FMTR
A. meridianus (Linnaeus)	FMLQS	A. micans Nicolai	FMR
Agonum albipes (Fabricius)	FMTBRS	A. moestum (Duftschmid)	MR
		A. muelleri (Herbst)	FMQAR

A. obscurum (Herbst)	FMR	† B. ruficollis (Stephens)	FM
† A. piceum (Linnaeus)	FM	B. sharpi Joy	FR
A. thoreyi Dejean	MR	B. verbasci (Duftschmid)	FMQAR
A. viduum (Panzer)	FMR	† Calathus erratus Sahlberg	FM
Amara aenea (Degeer)	MTQRSL	C. fuscipes (Goeze)	FMARS
A. apricaria (Paykull)	FMARS	C. melanocephalus (Linnaeus)	FMARS
A. aulica (Panzer)	FMAR	* C. piceus (Marsham)	RS
A. bifrons (Gyllenhal)	FMAR	Carabus granulatus Linnaeus	FMLR
† A. communis (Panzer)	M	C. monilis Fabricius	FML
† A. consularis (Duftschmid)	M	C. nemoralis Müller, O.F.	FMQARSL
* A. convexior Stephens	QR	C. problematicus Herbst	FMB
A. convexiuscula (Marsham)	MAR	C. violaceus Linnaeus	FMALRSIC
† A. eurynota (Panzer)	FM	Chlaenius vestitus (Paykull)	FMR
A. familiaris (Duftschmid)	FMQR	Cicindela campestris Linnaeus	FMLA
A. lucida (Duftschmid)	FM	† Clivina collaris (Herbst)	FM
A. lunicollis Schiödtte	FM	C. fossor (Linnaeus)	FMQLRSC
† A. montivaga Sturm	ML	Cychrus caraboides (Linnaeus)	FMQAR
A. ovata (Fabricius)	FMQA	Demetrias atricapillus (Linnaeus)	FMQAR
A. plebeja (Gyllenhal)	FMQARSL	D. imperialis (Germar)	LR
A. similata (Gyllenhal)	FMR	* Dromius agilis (Fabricius)	AR
Anisodactylus binotatus (Fabricius)	MR	D. linearis (Olivier)	FMQABR
Asaphidion flavipes (Linnaeus)	FMTARSC	D. melanocephalus Dejean	FMLRS
Badister bipustulatus (Fabricius)	FMTQRS	D. meridionalis Dejean	FMAR
† B. peltatus (Panzer)	F	† D. notatus Stephens	FM
B. sodalis (Duftschmid)	FMLR	D. quadrimaculatus (Linnaeus)	FMLARS
* Bembidion aeneum Germar	R	D. quadrinotatus (Zenker)	FMLAR
B. articulatum (Panzer)	FMRS	Dyschirius aeneus (Dejean)	FS
B. assimile Gyllenhal	FMTLR	* Elaphrus cupreus Duftschmid	R
B. biguttatum (Fabricius)	MTQRSC	E. riparius (Linnaeus)	FMTRS
* B. bruxellense Wesmali	R	Harpalus affinis (Schränk)	FMQARS
B. clarki Dawson	FML	H. ardosiacus Lutschnik	FMA
† B. decorum (Zenker)	FM	H. azureus (Fabricius)	FMR
B. dentellum (Thunberg)	FMR	H. latus (Linnaeus)	FMLQAR
B. doris (Panzer)	FMLR	H. punctatulus (Duftschmid)	FM
† B. femoratum Sturm	FM	H. puncticeps (Stephens)	MAR
B. fumigatum (Duftschmid)	FML	† H. rubripes (Duftschmid)	FM
B. genei Küster	FMRS	H. rufibarbis (Fabricius)	FTAR
B. gilvipes Sturm	FMTR	H. rufipes (Degeer)	FMLQARSC
B. guttula (Fabricius)	FMRL	† H. rufitarsis (Duftschmid)	FM
B. harpaloides Serville	FMTQRS	H. rupicola Sturm	FMQ
B. lampros (Herbst)	FMQATRSLC	† H. schaubergerianus Puel	M
B. lunulatum (Fourcroy)	MTR	* H. tardus (Panzer)	R
B. nitidulum (Marsham)	FMQARS	† H. tenebrosus Dejean	M
B. obtusum Serville	FMQTR	Laemostenus terricola (Herbst)	FML
B. properans Stephens	MTAR	Lebia chlorocephala (Hoffmannsegg)	FMLR
B. quadrimaculatum (Linnaeus)	FMTARS	L. cyanocephala (Linnaeus)	FML
B. tetracolum Say	FMQAHRS	Leistus ferrugineus (Linnaeus)	FMAQRSL
B. unicolor Chaudoir	FMRC	L. fulvibarbis Dejean	FMR
Brachinus crepitans (Linnaeus)	FML	* L. rufescens Fabricius	RS
Bradycellus harpalinus (Serville)	FMQARS	* L. rufomarginatus (Duftschmid)	ARSIC

<i>L. spinibarbis</i> (Fabricius)	FMQAS	<i>Stomis pumicatus</i> (Panzer)	FMTQRS
<i>Licinus depressus</i> (Paykull)	FM	* <i>Synuchus nivalis</i> (Panzer)	A
<i>Loricera pilicornis</i> (Fabricius)	FMTQALRSC	<i>Tachys bistriatus</i> (Duftschmid)	FM
<i>Metabletus foveatus</i> (Fourcroy)	FMR	<i>Trechus discus</i> (Fabricius)	FM
* <i>M. obscuriguttatus</i> (Duftschmid)	R	* <i>T. obtusus</i> Erichson	BRI
<i>Microlestes maurus</i> (Sturm)	FMQRS	<i>T. quadristriatus</i> (Schränk)	FMRSL
<i>Nebria brevicollis</i> (Fabricius)	FMLQAHRSLC	<i>T. secalis</i> (Paykull)	RSL
* <i>Notiophilus aquaticus</i> (Linnaeus)	R	<i>Trichocellus placidus</i> (Gyllenhal)	FMR
<i>N. biguttatus</i> (Fabricius)	MAQHRSILC		
* <i>N. germinyi</i> Fauvel	R		
<i>N. palustris</i> (Duftschmid)	MR		
<i>N. rufipes</i> Curtis	L		
* <i>N. substriatus</i> Waterhouse	QR		
† <i>Olisthopus rotundatus</i> (Paykull)	FM		
† <i>Panagaeus bipustulatus</i> (Fabricius)	M		
<i>Patrobus atrorufus</i> (Ström)	FMQRSCL		
* <i>Pterostichus angustatus</i> (Duftschmid)	S		
<i>P. anthracinus</i> (Panzer)	FMR		
<i>P. cupreus</i> Linnaeus	FMR		
<i>P. diligens</i> (Sturm)	FMR		
<i>P. gracilis</i> (Dejean)	FMLR		
* <i>P. macer</i> (Marsham)	RS		
<i>P. madidus</i> (Fabricius)	FMAHRSLC		
<i>P. melanarius</i> (Illiger)	FMRSLC		
<i>P. minor</i> (Gyllenhal)	FMR		
<i>P. niger</i> (Schaller)	FMARC		
<i>P. nigrita</i> (Paykull)	FMR		
* <i>P. oblongopunctatus</i> (Fabricius)	R		
<i>P. strenuus</i> (Panzer)	FMQARSCL		
* <i>P. vernalis</i> (Panzer)	RS		
† <i>P. versicolor</i> (Sturm)	FM		
* <i>Stenolophus mixtus</i> (Herbst)	AR		
† <i>S. teutonus</i> (Schränk)	M		

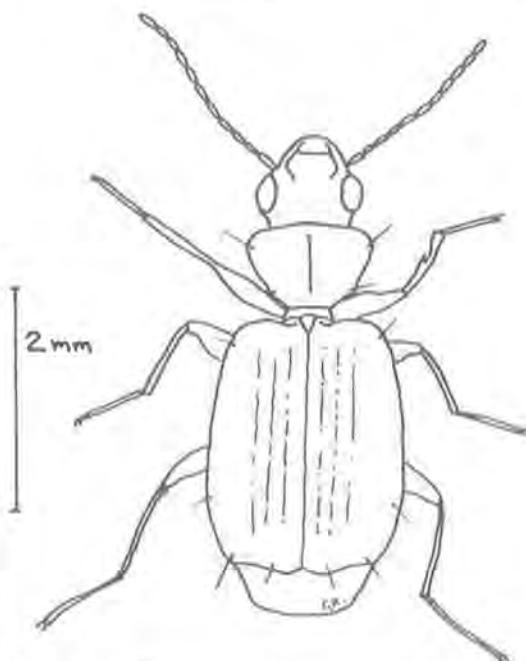


Fig. 1. *Metabletus obscuriguttatus* Duft.

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