UK Barcode of Life: 2023 project

DEFRA Centre of Excellence for DNA Methods

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Report details

Author(s)

Ben Price, Joana Cristovao, Olga Sivell, Andie Hall, Daniel W. Hall, Oliver White, Jo Wilbraham, Juliet Brodie, Vladimir Blagoderov, Ashleigh Whiffin, Piotr Cuber, Robert Davis, Raju Misra, Debbie Leatherland and Katie Clark

Natural England Project Manager

Katie Clark (Katie.Clark@naturalengland.org.uk)

Contractor

The Natural History Museum, Cromwell Road, London, SW7 5BD https://nhm.ac.uk/

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Foreword

Natural England is part of the Defra DNA Centre of Excellence, which champions the uptake of DNA based tools for monitoring the environment to inform its management and regulation. Natural England commissioned this report to report on the progress of the UK Barcode of Life project which has received funding from the Defra DNA Centre of Excellence in 21/22 and 20/21 and Natural England in 22/23.

Natural England commission a range of reports from external contractors to provide evidence and advice to assist us in delivering our duties. The views in this report are those of the authors and do not necessarily represent those of Natural England or the DNA Centre of Excellence.

Executive summary

DNA-based methods offer a significant opportunity to monitor individual species and species assemblages where appropriate, for example those that may be difficult to monitor using traditional methods. However, with the exception of some individual species such as the great crested newt, there is still much development of these techniques required before they can be used in routine monitoring. Natural England has been developing the use of DNA-based methods for monitoring for several years and is a founding member of the Defra DNA Centre of Excellence, which was set up to encourage collaboration across the Defra group to progress the use of DNA based methods by tackling cross-cutting barriers

Gaps in DNA reference libraries of UK species were identified by the Defra DNA Centre of Excellence Working Group as one of the main barriers preventing the further uptake of DNA based methods for environmental species monitoring. This report details the continuation of the UK Barcode of Life (UKBOL) project and progress in barcoding priority species. In particular an additional 1705 specimens of 1214 species were sequenced and added to BOLD, and the project website (including a data portal), was developed to facilitate a continuous gap analysis of species coverage. In addition, a project directly funded by Natural England, generated barcode sequence data through genome skimming of 83 museum specimens of priority charophyte algae and invertebrate species.

Key points:

- There are approximately 76,000 eukaryote species recognised in the UK, the majority of which are poorly known.
- DNA barcoding uses a short, standardised segment of an organism's genome for identification by comparison to a reference library.
- A Defra funded gap analysis highlighted that almost half the known UK species lack DNA barcode data (see report: Price et al. 2020).
- To rectify this a steering group was formed to initiate a UK Barcode of Life (UKBOL) project, and begin sequencing priority species (see report: Price et al. 2022)
- This report provides an overview of progress towards three main goals (a) coordinating a steering group, (b) sequencing 1000 UK specimens, and (b) developing the website and data portal.
- In the past year a further 1705 specimens of 1214 species have been processed with their data made publicly available on BOLD.
- The data portal was updated to combine the authoritative list of all UK species and existing data on BOLD.
- Additional funding provided by Natural England enabled a project to genome skim historic museum specimens on the priority list (see reports: Price and others, 2020; Price and others, 2022b), including charophyte algae, insects and spiders, resulting in an additional 83 species being sequenced, with 59 successfully recovering the mitochondrial or plastid barcode.

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Introduction

There are approximately 76,000 eukaryote species recognised in the UK, however the majority are poorly known. For those few species with sufficient data, their abundance and distribution have, on average, declined since 1970 and of the 8,431 species that have been formally assessed, 15% are threatened with extinction and 133 species are already extinct in the UK (Hayhow and others, 2019).

DNA barcoding uses a short, standardized segment of an organism's genome for identification, much like the barcodes found on commercial products (Hebert and others, 2003). These DNA-based identifications require comparison to reference libraries of DNA barcodes sequenced from identified individuals, typically deposited in natural history collections. See Price and others (2020, 2022a, 2022b) for additional background information.

A gap analysis of public DNA data in major DNA reference libraries highlighted that almost half the known UK species lack DNA barcode data, and that quality assurance is variable for those with data (Price and others, 2020). The previous report recommended the formation of a steering group to initiate a UK Barcode of Life (UKBOL) project to coordinate UK barcoding and begin sequencing priority species (Price and others, 2020).

The UKBOL steering group was initiated in 2021 and represents government agencies and national repositories from the devolved nations, national sequencing centres and organisations representing citizen science networks (Price and others, 2022). A live priority list checks the barcode of life database (BOLD) weekly to assess coverage for priority species.

The aims of the project in 2022 - 2023 were:

1. Continue to coordinate the UKBOL steering group.
2. Maintain and develop a project website and online data portal.
3. Sequence 1000 taxa.
4. Genome skim museum samples of priority species.

Progress towards objectives

Objective 1: Co-ordination of UKBOL steering group

The steering group membership and Terms of Reference are provided in Price and others (2022a). A steering group meeting was held online in March 2023, and further meetings are planned to continue quarterly. The focus of the steering group will be to revise the priority species list in light of previous barcode and genome sequencing and ensure wider communication of the project. Several members of the steering group are partners in the Biodiversity Genomics Europe project (https://biodiversitygenomics.eu/) which includes a

strand developing European DNA barcode reference libraries for three groups: (a) pollinators, and species monitored in (b) freshwater and (c) marine habitats across Europe. The steering group will work closely with the BGE project to ensure synergy.

Objective 2: Develop a website and a linked data portal

The website (https://www.ukbol.org/) continues to be developed in consultation with the steering group. The site includes several static pages for general project information and the priority species checklist. The priority checklist queries the BOLD database for DNA barcode data available for each priority species, either without a geographic restriction, or restricted to specimens collected in the UK. The UKBOL data portal uses the UK species inventory (UKSI) as the taxonomic backbone and monthly public data snapshots provided by BOLD (https://www.boldsystems.org/index.php/datapackages)

For background see the outline in Price and others (2022). The project has a Twitter account (@UK_BOL) for social media engagement.

Objective 3: Barcode 1000 taxa

This objective continues the barcode sequencing of priority species identified by Price and others (2020) and sequencing started by Price and others (2022a, 2022b). The objective for this contract was to sequence 1000 taxa in collaboration with the BIOSCAN UK project (https://www.sanger.ac.uk/collaboration/bioscan/) with data uploaded to BOLD.

Specimens were provided via several sources, but primarily through the UK recording community. A bioblitz at Bure Marshes NNR with Natural England and Natural History Museum (NHM) staff in June 2022 provided specimens of 202 species. In addition, National Museums Scotland (NMS) and Natural History Museum (NHM) staff provided specimens throughout the year.

A new general project for plants (UKPL) was registered and made public on BOLD, within the UKBOL container project and a summary of the additional specimens added to the UKBOL project in 2022-23 is provided (Table 1), with specimen details provided in Appendix 1.

Table 1 Current summary of UKBOL projects on BOLD and new records added in 2022-23.

Project	Description	Specimens added 2022-23	Specimen Total	Species added 2022-23	Species Total
ANBIO	"Ainsdale BioBlitz": Natural England and NHM BioBlitz held at Ainsdale NNR July 2019.	0	625	0	307
NMS	National Museums Scotland	285	475	266	399
UKAN	"UK Barcoding – Animals": General project for UK animal barcoding.	1370	2430	949	1637
UKPL	"UK Barcoding – Plants": General project for UK plant barcoding.	50	50	27	27
FBUK	FreshBase. Freshwater invertebrate barcoding.	0	443	0	421
FPUK	Flowering Plants UK	0	4750	0	1455
TOTAL		1705	9216	1214	4246

In addition to the UKBOL projects in Table 1, the Darwin Tree of Life (DTOL, https://darwintreeoflife.org/) has contributed 6829 specimens of 2973 species to BOLD since initiation in 2020.

Samples were databased, imaged and then dissected / tissue sampled as appropriate for the taxon group. In the case of very small specimens the whole body was used for DNA extraction, with the voucher recovered after the extraction was completed and subsequently stored in 80% ethanol at -20°C until further processed (e.g. mounted).

Samples were extracted using the KAPA Express Extraction Kit, then amplified using a one-step PCR with uniquely indexed LCO and HCO primers (Folmer and others, 1994). Resulting amplicons were sequenced on a GridION, using either MinION R10 or Flongle R10 flowcells (Oxford Nanopore), and processed using ONTbarcoder (Srivathsan and others, 2021).

Voucher barcode sequences were checked against BOLD using BOLDigger (Buchner and Leese, 2020) and any unexpected matches were inspected manually. Only a small proportion of unexpected matches occurred, resulting from (a) poor sample preservation leading to contaminant bacterial / fungal / human sequences being recovered, or (b) misidentified species already on BOLD. For the former additional specimens were sought and for the latter the identification was confirmed before upload to BOLD (http://www.boldsystems.org/index.php/Public_SearchTerms?query=DS-UKBOL).

Objective 4: Genome skim priority species

Natural England provided additional funds to genome skim 83 UK priority species currently missing from BOLD (see Appendix 2 for specimen details). Genome skimming approaches were used as amplicon sequencing of older museum specimens (i.e., collected over 10-20 years ago) is error prone and prohibitively expensive due to the fragmentation of DNA over time (see Mullin and others, 2022; Price and others (2022b). The target groups for this year were the priority species outlined in Price and others 2020 which were either missing from BOLD entirely (Arachnida, Coleoptera, Hemiptera and Diptera) or with complex taxonomic issues requiring additional data only available in collections (charophyte algae).

DNA was extracted using the ancient DNA protocol from Rohland and others (2018) modified to work at smaller volumes on a Kingfisher™ Flex robot. Invertebrate tissues were lysed overnight at 56°C in 90ul of lysis buffer C (Korlević and others, 2021), whereas plant tissues were lysed following the DNEasy Plant Pro kit (steps 1 to 7). Following lysis 90ul of lysate was transferred to deep well plates with 900ul of binding buffer (Dabney and others, 2013). For each sample 10ul of silica bead suspension (prepared following Rohland and others, 2018) was added to each sample well, containing lysate and binding buffer, and the plate loaded onto the Kingfisher to complete the extraction process. DNA extracts were quantified using a Qubit fluorimeter and the Qubit HS dsDNA assay kit (ThermoFisher Scientific).

Libraries were prepared with combinatorial dual indexing for each specimen, using either the xGen™ ssDNA & Low-Input DNA Library Preparation Kit (Integrated DNA Technologies, Inc), or Santa Cruz Reaction (Kapp and others, 2021). Samples processed following Kapp and others (2021) were diluted with 1.1x EBT post-SCR and cleaned with 0.75x SPRI bead solution (Cytiva Sera-Mag SpeedBeads™ Carboxyl Magnetic Beads) as described in Rohland and Reich (2012).

Libraries were pooled in relation to their expected genome size targeting 50M reads (charophytes and arachnids), 10-20M reads (insects) per specimen and sequenced on a single NovaSeq S4 2*150bp flowcell with other museum samples through an external provider. The other museum samples on the run included 23 specimens from the previous project (Price and others, 2022b) where additional skim data was needed to recover or refine the COI barcode data.

The barcode fragment of COI was recovered using a custom in-house pipeline: Custom mitochondrial reference datasets were downloaded for each sample using Entrez Direct

(Kans, 2013) and custom bash scripts, targeting the lowest taxonomic rank for each sample which had at least 10 mitochondrial genomes. Annotated gene sequences were then extracted using the python script “get_annotated_regions_from_gb.py” (https://github.com/Kinggerm/PersonalUtilities/blob/master/).

Raw reads were quality filtered for each sample using fastp (Chen and others, 2018), then the mitochondrial genome was assembled using GetOrganelle (Jin and others, 2020) with the sample specific reference data described above, and the additional settings “--reduce-reads-for-coverage inf” and “--max-reads inf”.

Assembly quality was assessed using blobtools2 (Laetsch and others, 2017; Challis and others, 2020) using read mapping produced with minimap2 (Li, 2018) and taxonomic inference based on a blastn search against the NCBI nucleotide database (Camacho and others, 2009). Contigs with a taxonomic identification from non-target taxa (e.g., fungi) were removed from downstream analyses.

Assembled mitochondrial genome data were then annotated using MITOS2 (Donath and others, 2019) and each protein coding gene was extracted using a custom python script. The COI sequences were then aligned with MEGA (Tamura and others, 2021), trimmed to remove the stop codon at the end of the gene and then exported as FASTA format. The identification of each final barcode sequence was inferred using the BOLD database (Hebert and Ratnasingham, 2007) and the BOLDigger tool (Buchner and Leese, 2020) by checking the expected genus was matched, before the barcodes were uploaded to BOLD (http://www.boldsystems.org/index.php/Public_SearchTerms?query=DS-UKBOL). Plastid DNA was processed in a similar way to mitochondrial DNA, except annotation used GeSeq (Tillich and others, 2017) rather than MITOS2.

In addition to the barcode data being uploaded to BOLD, the entire genome skim sequence data for each specimen has been deposited in the European Nucleotide Archive (ENA) at EMBL-EBI under accession number PRJEB51803, adding to previous UKBOL skim data. (https://www.ebi.ac.uk/ena/browser/view/PRJEB51803).

Due to anticipated failures in very old material a total of 96 specimens (46 invertebrates, 50 charophytes) were processed. Of these, 13 charophytes were not sequenced due to failures during library preparation. Of the 46 invertebrate specimens sequenced all recovered mitochondrial DNA, including 23 with COI sequence data which passed all quality checks and were uploaded to BOLD. Of the 37 charophyte specimens sequenced all recovered plastid DNA, including 36 with rbcL sequence data, which passed all quality checks and were uploaded to BOLD.

The specimens which failed to produce validated barcode(s) either failed library prep, did not have sufficient genome skim data due to the complexities of equimolar pooling degraded samples, or have sufficient skim data but require refinement of current approaches to recover the barcodes. The additional 26 specimens of freshwater species added to the sequencing run resulted in an additional 13 priority freshwater species with COI barcodes, and improved barcode data for another 13 freshwater species from the previous project (see Price and others 2022b).

Next Steps

As monitoring programmes begin to incorporate more DNA-based techniques to identify species, filling the gaps in UK DNA reference libraries becomes more important to the success of these programmes.

The next steps for the project are to (1) advertise the project with relevant organisations, including national recording schemes who may be able to contribute expertly identified specimens to the project; (2) continue to develop the data portal in response to user needs; (3) continue to deliver DNA barcode sequences of priority species; (4) secure large-scale funding to fill the remaining gaps, enabling comprehensive DNA-based biodiversity exploration and monitoring through such initiatives as the Natural Capital and Ecosystem Assessment programme; (5) incorporate several projects based in UK overseas territories; and (6) coordinate with the Biodiversity Genomics Europe (BGE) project team to ensure complementary taxon sampling and data portal development.

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Appendix 1 – Summary of UKBOL specimens processed in 2022-23

Table 2: Summary of UKBOL specimens processed in 2022-23.

Process ID	Sample ID	Identification
NMS191-23	NMS-10013772	Symmerus nobilis
NMS192-23	NMS-10013809	Asindulum nigrum
NMS193-23	NMS-10013738	Monocentrota lundstroemi
NMS194-23	NMS-10013595	Orfelia discoloria
NMS195-23	NMS-10013856	Orfelia nigricornis
NMS196-23	NMS-10013893	Pyratula zonata
NMS197-23	NMS-10013607	Macrocera fascipennis
NMS198-23	NMS-10004125	Bolitophila modesta
NMS199-23	NMS-10006412	Bolitophila dubia
NMS200-23	NMS-10006466	Bolitophila glabrata
NMS201-23	NMS-10006422	Bolitophila maculipennis
NMS202-23	NMS-10007708	Exechia sp.
NMS203-23	NMS-10010838	Bolitophila nigrolineata
NMS204-23	NMS-10010821	Bolitophila occlusa
NMS205-23	NMS-10010808	Bolitophila pseudohybrida
NMS206-23	NMS-10013934	Cerotelion striatum
NMS207-23	NMS-10013611	Keroplatus testaceus
NMS208-23	NMS-10013791	Antlemon servulum
NMS209-23	NMS-10013648	Macrorrhyncha flava
NMS210-23	NMS-10013864	Neoplatyura modesta
NMS211-23	NMS-10013918	Neoplatyura nigricauda
NMS212-23	NMS-10013658	Orfelia fasciata
NMS213-23	NMS-10013775	Orfelia nemoralis
NMS214-23	NMS-10013910	Orfelia pallida
NMS215-23	NMS-10013587	Orfelia lugubris
NMS216-23	NMS-10013821	Platyura marginata
NMS217-23	NMS-10013956	Rutylapa ruficornis
NMS218-23	NMS-10013597	Urytalpa dorsalis
NMS219-23	NMS-10012755	Boletina edwardsi
NMS220-23	NMS-10012378	Phronia forcipata
NMS221-23	NMS-10012477	Boletina cf. griphoides
NMS222-23	NMS-10012567	Mycomya cf. mendax
NMS223-23	NMS-10012406	Apolephthisa subincana
NMS224-23	NMS-10012424	Mycomya mendax
NMS225-23	NMS-10012478	Phronia humeralis
NMS226-23	NMS-10012541	Platurocypta testata
NMS227-23	NMS-10012550	Mycetophila bohemica
NMS228-23	NMS-10012559	Mycetophila abiecta
NMS229-23	NMS-10012622	Exechia nigroscutellata

Process ID	Sample ID	Identification
NMS230-23	NMS-10012685	Brevicornu sp.
NMS231-23	NMS-10012703	Pseudexechia trisignata
NMS232-23	NMS-10012389	Bolitophila austriaca
NMS233-23	NMS-10012425	Mycetophila lastovkai
NMS234-23	NMS-10012443	Mycetophila vittipes-group
NMS235-23	NMS-10012452	Mycetophila vittipes-group
NMS236-23	NMS-10012479	Phronia tiefii
NMS237-23	NMS-10012551	Allodia sp.
NMS238-23	NMS-10012614	Bolitophila spinigera
NMS239-23	NMS-10012731	Boletina cf. griphoides
NMS240-23	NMS-10012435	Exechia cincta
NMS241-23	NMS-10012498	Allodia embla
NMS242-23	NMS-10012516	Rymosia setiger
NMS243-23	NMS-10012633	Exechiopsis pseudindecisa
NMS244-23	NMS-10012651	Brevicornu sericoma
NMS245-23	NMS-10012687	Dicranota claripennis
NMS246-23	NMS-10012499	Dynatosoma nigromaculatum
NMS247-23	NMS-10012508	Bolitophila cinerea
NMS248-23	NMS-10012616	Mycetophila sp.
NMS249-23	NMS-10012679	Phronia sp.
NMS250-23	NMS-10012769	Anatella setigera
NMS251-23	NMS-10012473	Sceptonia costata
NMS252-23	NMS-10012572	Mycomya cinerascens
NMS253-23	NMS-10012626	Mycetophila evanida
NMS254-23	NMS-10012671	Mycetophila dentata
NMS255-23	NMS-10012716	Mycetophila blanda
NMS256-23	NMS-10012438	Phronia obtusa
NMS257-23	NMS-10012483	Allodia lundstroemi
NMS258-23	NMS-10012519	Exechia nigra
NMS259-23	NMS-10012564	Brachycampta alternans
NMS260-23	NMS-10012663	Mycomya sp.
NMS261-23	NMS-10012672	Exechiopsis clypeata
NMS262-23	NMS-10012717	Mycetophila vittipes-group
NMS263-23	NMS-10012753	Brevicornu sp.
NMS264-23	NMS-10012430	Bolitophila bimaculata
NMS265-23	NMS-10012511	Phronia cf. biarcuata
NMS266-23	NMS-10012565	Allodia sp.
NMS267-23	NMS-10012655	Zygomyia vara
NMS268-23	NMS-10012691	Exechiopsis indecisa
NMS269-23	NMS-10012782	Sylvicola stackelbergi
NMS270-23	NMS-10012953	Mycetophila dentata
NMS271-23	NMS-10012989	Cordyla murina
NMS272-23	NMS-10012998	Epicypta aterrima
NMS273-23	NMS-10013043	Anatella lenis
NMS274-23	NMS-10013115	Exechiopsis pulchella

Process ID	Sample ID	Identification
NMS275-23	NMS-10012963	Mycomya nitida
NMS276-23	NMS-10012990	Boletina basalis
NMS277-23	NMS-10013134	Phronia vitrea
NMS278-23	NMS-10012820	Allodia anglofennica
NMS279-23	NMS-10012892	Bibio nigriventris
NMS280-23	NMS-10012937	Anatella flavomaculata
NMS281-23	NMS-10013000	Exechia spinuligera
NMS282-23	NMS-10013072	Brevicornu kingi
NMS283-23	NMS-10012884	Mycetophila marginata
NMS284-23	NMS-10012893	Mycetophila vittipes-group
NMS285-23	NMS-10014775	Otiorhynchus singularis
NMS286-23	NMS-10014772	Chrysotoxum bicinctum
NMS287-23	NMS-10014773	Xylota segnis
NMS288-23	NMS-10014777	Haematopota pluvialis
NMS289-23	NMS-10014771	Micropterna sequax
NMS290-23	NMS-10014779	Phosphuga atrata
NMS291-23	NMS-10014780	Acrossus rufipes
NMS292-23	NMS-10014781	Serica brunnea
NMS293-23	NMS-10014770	Teuchestes fossor
NMS294-23	NMS-10012974	Boletina trivittata
NMS295-23	NMS-10012983	Bolitophila tenella
NMS296-23	NMS-10012992	Boletina basalis
NMS297-23	NMS-10013019	Docosia sciarina
NMS298-23	NMS-10013055	Mycomya
NMS299-23	NMS-10013064	Sciophila fenestella
NMS300-23	NMS-10013118	Tarnania fenestralis
NMS301-23	NMS-10013136	Trichonta clavigera
NMS302-23	NMS-10014814	Mycetophila caudata
NMS303-23	NMS-10014832	Phronia forcipula
NMS304-23	NMS-10014830	Bolitophila rossica
NMS305-23	NMS-10014851	Dziedzickia marginata
NMS306-23	NMS-10014850	Boletina dispecta
NMS307-23	NMS-10014857	Speolepta leptogaster
NMS308-23	NMS-10014877	Mycetophila adumbrata
NMS309-23	NMS-10014876	Mycetophila lubomirskii
NMS310-23	NMS-10014872	Alnetoidia alneti
NMS311-23	NMS-10014881	Plagiognathus arbustorum
NMS312-23	NMS-10014871	Nabis limbatus
NMS313-23	NMS-10014873	Stenotus binotatus
NMS314-23	NMS-10014870	Philotarsus parviceps
NMS315-23	NMS-10014819	Longitarsus luridus
NMS316-23	NMS-10014822	Neocrepidodera transversa
NMS317-23	NMS-10014826	Stenophylax permistus
NMS318-23	NMS-10014834	Gonioctena olivacea
NMS319-23	NMS-10014902	Bembidion geniculatum

Process ID	Sample ID	Identification
NMS320-23	NMS-10014907	Strophosoma melanogrammum
NMS321-23	NMS-10014912	Nicrophorus vespilloides
NMS322-23	NMS-10014911	Nicrophorus investigator
NMS323-23	NMS-10014910	Necrodes littoralis
NMS324-23	NMS-10014909	Creophilus maxillosus
NMS325-23	NMS-10014891	Loricera pilicornis
NMS326-23	NMS-10014818	Stenus sp.
NMS327-23	NMS-10013154	Ditomyia fasciata
NMS328-23	NMS-10013163	Diadocidia ferruginosa
NMS329-23	NMS-10012813	Docosia carbonaria
NMS330-23	NMS-10012822	Docosia fumosa
NMS331-23	NMS-10012840	Boletina basalis
NMS332-23	NMS-10012858	Cordyla crassicornis
NMS333-23	NMS-10012849	Allodia lugens
NMS334-23	NMS-10012912	Dilophus febrilis
NMS335-23	NMS-10012921	Mycomya occultans
NMS336-23	NMS-10012957	Tipula submarmorata
NMS337-23	NMS-10013038	Mycetophila ruficollis
NMS338-23	NMS-10013056	Boletina gripha
NMS339-23	NMS-10013065	Boletina griphoides
NMS340-23	NMS-10014906	Paranchus albipes
NMS341-23	NMS-10013092	Pseudexechia trisignata
NMS342-23	NMS-10014920	Kybos smaragdulus
NMS343-23	NMS-10014820	Lygus punctatus
NMS344-23	NMS-10014917	Luperus longicornis
NMS345-23	NMS-10014823	Deporaus betulae
NMS346-23	NMS-10013101	Brevicornu auriculatum
NMS347-23	NMS-10013119	Phronia notata
NMS348-23	NMS-10014875	Limnephilus marmoratus
NMS349-23	NMS-10012805	Macrocera anglica
NMS350-23	NMS-10012841	Bolitophila cinerea
NMS351-23	NMS-10012922	Exechia nigroscutellata
NMS352-23	NMS-10012931	Exechia borealis
NMS353-23	NMS-10013030	Mycetophila alea
NMS354-23	NMS-10013039	Exechia confinis
NMS355-23	NMS-10013075	Trichonta submaculata
NMS356-23	NMS-10013111	Phronia exigua
NMS357-23	NMS-10013129	Phronia coritanica
NMS358-23	NMS-10013147	Phronia egregia
NMS359-23	NMS-10012797	Exechia dorsalis
NMS360-23	NMS-10012806	Mycetophila idonea
NMS361-23	NMS-10012824	Mycetophila vittipes-group
NMS362-23	NMS-10012833	Mycetophila cingulum
NMS363-23	NMS-10012869	Stenophylax vibex
NMS364-23	NMS-10012986	Limnephilus sparsus

Process ID	Sample ID	Identification
NMS365-23	NMS-10013200	Leuctra geniculata
NMS366-23	NMS-10013236	Phronia nitidiventris
NMS367-23	NMS-10013272	Cordyla fissa
NMS368-23	NMS-10013317	Rymosia bifida
NMS369-23	NMS-10013389	Hydropsyche contubernalis
NMS370-23	NMS-10013398	Limnephilus lunatus
NMS371-23	NMS-10013425	Limnephilus griseus
NMS372-23	NMS-10013443	Plectrocnemia conspersa
NMS373-23	NMS-10013515	Apiloscatopse flavicollis
NMS374-23	NMS-10013533	Metalimnobia bifasciata
NMS375-23	NMS-10013542	Dicranomyia sp.
NMS376-23	NMS-10013560	Dicranomyia chorea
NMS377-23	NMS-10013167	Dicranomyia autumnalis
NMS378-23	NMS-10014945	Notiophilus biguttatus
NMS379-23	NMS-10014948	Formica aquilonia
NMS380-23	NMS-10014992	Bembidion tibiale
NMS381-23	NMS-10014986	Bembidion tetracolum
NMS382-23	NMS-10014958	Planolinoides borealis
NMS383-23	NMS-10014957	Aphodius pedellus
NMS384-23	NMS-10013158	Philopotamus montanus
NMS385-23	NMS-10013140	Hemerobius perelegans
NMS386-23	NMS-10013104	Isoneuromyia semirufa
NMS387-23	NMS-10013086	Mycomya marginata
NMS388-23	NMS-10014998	Staphylinus
NMS389-23	NMS-10013014	Exechiopsis davatchii
NMS390-23	NMS-10012996	Synapha vitripennis
NMS391-23	NMS-10012915	Lipoptena cervi
NMS392-23	NMS-10012906	Wormaldia occipitalis
NMS393-23	NMS-10012897	Odontocerum albicorne
NMS394-23	NMS-10012888	Mycetophila pumila
NMS395-23	NMS-10012870	Dixa puberula
NMS396-23	NMS-10012852	Pipunculidae
NMS397-23	NMS-10012834	Molophilus appendiculatus
NMS398-23	NMS-10012816	Dicranomyia imbecilla
NMS399-23	NMS-10012789	Protonemura montana
NMS400-23	NMS-10012780	Brachyptera risi
NMS401-23	NMS-10012790	Zygomyia valeriae
NMS402-23	NMS-10012835	Mycomya neohyalinata
NMS403-23	NMS-10012853	Mycetophila ornata
NMS404-23	NMS-10012862	Mycetophila ruficollis
NMS405-23	NMS-10012961	Mycetophila v-nigrum
NMS406-23	NMS-10015039	Nemoura cambrica
NMS407-23	NMS-10015033	Thanatophilus rugosus
NMS408-23	NMS-10015022	Oiceoptoma thoracicum
NMS409-23	NMS-10015018	Bembidion deletum

Process ID	Sample ID	Identification
NMS410-23	NMS-10015016	Platambus maculatus
NMS411-23	NMS-10015030	Micrambe
NMS412-23	NMS-10015027	Micrelus ericae
NMS413-23	NMS-10015041	Dolichopeza albipes
NMS414-23	NMS-10015042	Tipula sp.
NMS415-23	NMS-10015026	Lochmaea suturalis
NMS416-23	NMS-10015014	Anacaena
NMS417-23	NMS-10015032	Lathrobium sp.
NMS418-23	NMS-10012979	Anatella simpatica
NMS419-23	NMS-10012988	Exechiopsis unguiculata
NMS420-23	NMS-10013024	Phronia forcipata
NMS421-23	NMS-10013078	Phronia tenuis
NMS422-23	NMS-10013141	Trichocera saltator
NMS423-23	NMS-10013174	Macrocera fasciata
NMS424-23	NMS-10013210	Oecetis testacea
NMS425-23	NMS-10013228	Tinodes waeneri
NMS426-23	NMS-10013246	Dicranomyia lutea
NMS427-23	NMS-10013291	Molophilus flavus
NMS428-23	NMS-10013282	Molophilus medius
NMS429-23	NMS-10013345	Crunoecia irrorata
NMS430-23	NMS-10013408	Phronia basalis
NMS431-23	NMS-10013417	Mycetophila bohemica
NMS432-23	NMS-10013471	Cheumatopsyche lepida
NMS433-23	NMS-10013498	Limnephilus hirsutus
NMS434-23	NMS-10015052	Brachonyx pineti
NMS435-23	NMS-10015054	Polydrusus cervinus
NMS436-23	NMS-10015057	Margarinotus striola
NMS437-23	NMS-10013561	Pedicia rivosa
NMS438-23	NMS-10013175	Tipula oleracea
NMS439-23	NMS-10013184	Tipula rufina
NMS440-23	NMS-10013211	Mycetophila cf. perpallida
NMS441-23	NMS-10013229	Polycentropus kingi
NMS442-23	NMS-10013265	Zygomyia semifusca
NMS443-23	NMS-10013274	Thaumalea verralli
NMS444-23	NMS-10013283	Agapetus fuscipes
NMS445-23	NMS-10013337	Boletina gusakovae
NMS446-23	NMS-10013382	Brachypeza bisignata
NMS447-23	NMS-10013418	Phronia signata
NMS448-23	NMS-10013490	Ormosia pseudosimilis
NMS449-23	NMS-10013499	Paradelphomyia nielseni
NMS450-23	NMS-10013562	Ormosia nodulosa
NMS451-23	NMS-10013176	Achyrolimonia decemmaculata
NMS452-23	NMS-10013185	Ula sylvatica
NMS453-23	NMS-10013194	Phylidorea ferruginea
NMS454-23	NMS-10013239	Pseudexechia trivittata

Process ID	Sample ID	Identification
NMS455-23	NMS-10013320	Leuctra nigra
NMS456-23	NMS-10013329	Leuctra hippopus
NMS457-23	NMS-10013338	Neuratelia nemoralis
NMS458-23	NMS-10013374	Mycomya ornata
NMS459-23	NMS-10013446	Zygomyia humeralis
NMS460-23	NMS-10013527	Mycetophila ornata
NMS461-23	NMS-10013554	Mycetophila cf. occultans
NMS462-23	NMS-10013563	Mycetophila spectabilis
NMS463-23	NMS-10017576	Boletina cf. gripha
NMS464-23	NMS-10017585	Boletina griphoides
NMS465-23	NMS-10017612	Phronia cf. flavipes
NMS466-23	NMS-10013465	Exechia parvula
NMS467-23	NMS-10013501	Trichonta submaculata
NMS468-23	NMS-10015581	Phronia triangularis
NMS469-23	NMS-10015653	Phronia persimilis
NMS470-23	NMS-10015662	Phronia cf. persimilis
NMS471-23	NMS-10015707	Tipula lateralis
NMS472-23	NMS-10015698	Tipula varipennis
NMS473-23	NMS-10015716	Ormosia hederae
NMS474-23	NMS-10015752	Ula mollissima
NMS475-23	NMS-10015779	Dicranomyia affinis
UKAN1000-23	NHMUK013438429	Chironomidae
UKAN1001-23	NHMUK013438430	Chironomidae
UKAN1002-23	NHMUK013438431	Culicidae
UKAN1003-23	NHMUK013438432	Rymosia fasciata
UKAN1004-23	NHMUK013438433	Ceratopogonidae
UKAN1005-23	NHMUK013438434	Ceratopogonidae
UKAN1006-23	NHMUK013438435	Ceratopogonidae
UKAN1007-23	NHMUK013438436	Ceratopogonidae
UKAN1008-23	NHMUK013438437	Ceratopogonidae
UKAN1009-23	NHMUK013438438	Ceratopogonidae
UKAN1010-23	NHMUK013438439	Ceratopogonidae
UKAN1011-23	NHMUK013438440	Ceratopogonidae
UKAN1012-23	NHMUK013438441	Ceratopogonidae
UKAN1013-23	NHMUK013438442	Ceratopogonidae
UKAN1014-23	NHMUK013438443	Chironomidae
UKAN1015-23	NHMUK013438444	Cecidomyiidae
UKAN1016-23	NHMUK013438445	Cecidomyiidae
UKAN1017-23	NHMUK013438446	Cecidomyiidae
UKAN1018-23	NHMUK013438447	Cecidomyiidae
UKAN1019-23	NHMUK013438448	Cecidomyiidae
UKAN1020-23	NHMUK013438449	Cecidomyiidae
UKAN1021-23	NHMUK013438450	Cecidomyiidae
UKAN1022-23	NHMUK013438451	Cecidomyiidae
UKAN1023-23	NHMUK013438452	Cecidomyiidae

Process ID	Sample ID	Identification
UKAN1024-23	NHMUK013438453	Psychodidae
UKAN1025-23	NHMUK013438454	Psychodidae
UKAN1026-23	NHMUK013438455	Psychodidae
UKAN1027-23	NHMUK013438456	Psychodidae
UKAN1028-23	NHMUK013438457	Psychodidae
UKAN1029-23	NHMUK013438458	Psychodidae
UKAN1030-23	NHMUK013438459	Psychodidae
UKAN1031-23	NHMUK013438460	Psychodidae
UKAN1032-23	NHMUK013438461	Psychodidae
UKAN1033-23	NHMUK013438462	Psychodidae
UKAN1034-23	NHMUK013438463	Psychodidae
UKAN1035-23	NHMUK013438464	Psychodidae
UKAN1036-23	NHMUK013438466	Psychodidae
UKAN1037-23	NHMUK013438467	Psychodidae
UKAN1038-23	NHMUK013438468	Psychodidae
UKAN1039-23	NHMUK013438469	Cheilotrichia cinerascens
UKAN1040-23	NHMUK013438470	Cheilotrichia cinerascens
UKAN1041-23	NHMUK013438471	Cheilotrichia cinerascens
UKAN1042-23	NHMUK013438472	Molophilus ochraceus
UKAN1043-23	NHMUK013438473	Drosophilidae
UKAN1044-23	NHMUK013438474	Drosophilidae
UKAN1045-23	NHMUK013438475	Drosophilidae
UKAN1046-23	NHMUK013438476	Drosophilidae
UKAN1047-23	NHMUK013438477	Drosophilidae
UKAN1048-23	NHMUK013438478	Drosophilidae
UKAN1049-23	NHMUK013438479	Drosophilidae
UKAN1050-23	NHMUK013438480	Drosophilidae
UKAN1051-23	NHMUK013438481	Drosophilidae
UKAN1052-23	NHMUK013438482	Drosophilidae
UKAN1053-23	NHMUK013438483	Drosophilidae
UKAN1054-23	NHMUK013438484	Drosophilidae
UKAN1055-23	NHMUK013438485	Diptera
UKAN1056-23	NHMUK013438486	Diptera
UKAN1057-23	NHMUK013438487	Diptera
UKAN1058-23	NHMUK013438488	Diptera
UKAN1059-23	NHMUK013438489	Diptera
UKAN1060-23	NHMUK013438490	Diptera
UKAN1061-23	NHMUK013438491	Diptera
UKAN1062-23	NHMUK013438492	Diptera
UKAN1063-23	NHMUK013438493	Diptera
UKAN1064-23	NHMUK013438494	Diptera
UKAN1065-23	NHMUK013574103	Aphthona euphorbiae
UKAN1066-23	NHMUK013574104	Lasius niger
UKAN1067-23	NHMUK013574105	Orius
UKAN1068-23	NHMUK013574106	Carcinops pumilio

Process ID	Sample ID	Identification
UKAN1069-23	NHMUK013574107	Isopoda
UKAN1070-23	NHMUK013574108	Empicoris vagabundus
UKAN1071-23	NHMUK013574109	Elasmucha grisea
UKAN1072-23	NHMUK013574110	Graphocephala fennahi
UKAN1073-23	NHMUK013574111	Philonthus spinipes
UKAN1074-23	NHMUK013574112	Anaspis lurida
UKAN1075-23	NHMUK013574113	Amara apricaria
UKAN1076-23	NHMUK013574114	Amara consularis
UKAN1077-23	NHMUK013574115	Dolichovespula media
UKAN1078-23	NHMUK013574176	Hermaeophaga mercurialis
UKAN1079-23	NHMUK013574177	Mniophila muscorum
UKAN1080-23	NHMUK013574178	Mniophila muscorum
UKAN1081-23	NHMUK013574179	Galleria mellonella
UKAN1082-23	NHMUK013574180	Plodia interpunctella
UKAN1083-23	NHMUK013574181	Arocatus longiceps
UKAN1084-23	NHMUK013574182	Plodia interpunctella
UKAN1085-23	NHMUK013574183	Sitophilus granarius
UKAN1086-23	NHMUK013574184	Lilioceris lilii
UKAN1087-23	NHMUK013574185	Cacoxenus indagator
UKAN1088-23	NHMUK013574186	Osmia bicornis
UKAN1089-23	NHMUK013574187	Zele chlorophthalmus
UKAN1090-23	NHMUK013574188	Agriotypus armatus
UKAN1091-23	NHMUK013574189	Agrypon gracilipes
UKAN1092-23	NHMUK013574190	Cryptopimpla calceolata
UKAN1093-23	NHMUK013574191	Lissonota clypeator
UKAN1094-23	NHMUK013574192	Lissonota coracina
UKAN1095-23	NHMUK013574193	Lissonota fundator
UKAN1096-23	NHMUK013574194	Lissonota fundator
UKAN1097-23	NHMUK013574195	Glypta woerzi
UKAN1098-23	NHMUK013574196	Campoletis annulata
UKAN1099-23	NHMUK013574197	Cymodusa declinator
UKAN1100-23	NHMUK013574198	Diadegma monospilum
UKAN1101-23	NHMUK013574199	Dusona blanda
UKAN1102-23	NHMUK013574200	Collyria trichophthalma
UKAN1103-23	NHMUK013574201	Parmortha pleuralis
UKAN1104-23	NHMUK013574202	Rhembobius perscrutator
UKAN1105-23	NHMUK013574203	Rhembobius perscrutator
UKAN1106-23	NHMUK013574204	Rhembobius quadrispinus
UKAN1107-23	NHMUK013574205	Aritranis director
UKAN1108-23	NHMUK013574206	Gambrus carnifex
UKAN1109-23	NHMUK013574207	Ischnus inquisitorius
UKAN1110-23	NHMUK013574208	Lagarotis debitor
UKAN1111-23	NHMUK013574209	Lagarotis semicaligata
UKAN1112-23	NHMUK013574210	Lagarotis semicaligata
UKAN1113-23	NHMUK013574211	Diplazon laetatorius

Process ID	Sample ID	Identification
UKAN1114-23	NHMUK013574212	Promethes sulcator
UKAN1115-23	NHMUK013574213	Promethes sulcator
UKAN1116-23	NHMUK013574214	Sussaba flavipes
UKAN1117-23	NHMUK013574398	Chrysops relictus
UKAN1118-23	NHMUK014036971	Pales pavida
UKAN1119-23	NHMUK014036972	Thereva nobilitata
UKAN1120-23	NHMUK014036973	Sarcophaga vagans
UKAN1121-23	NHMUK014036974	Herina frondescentiae
UKAN1122-23	NHMUK014036975	Herina lugubris
UKAN1123-23	NHMUK014036977	Tetanocera hyalipennis
UKAN1124-23	NHMUK014036979	Brachicoma devia
UKAN1141-23	NHMUK014037095	Empis punctata
UKAN1142-23	NHMUK014037096	Epiphragma ocellare
UKAN1143-23	NHMUK014037097	Platystoma seminationis
UKAN1144-23	NHMUK014037099	Tabanus bromius
UKAN1145-23	NHMUK014037100	Argyra vestita
UKAN1146-23	NHMUK014037103	Helina confinis
UKAN1147-23	NHMUK014037108	Tephritis neesii
UKAN1148-23	NHMUK014037141	Sciapus platypterus
UKAN1149-23	NHMUK014037143	Nemotelus uliginosus
UKAN1150-23	NHMUK014037146	Dioctria baumhaueri
UKAN1151-23	NHMUK014037147	Norellisoma spinimanum
UKAN1152-23	NHMUK014436799	Athous haemorrhoidalis
UKAN1153-23	NHMUK014438245	Campsicnemus alpinus
UKAN1154-23	NHMUK014438246	Dolichopus griseipennis
UKAN1155-23	NHMUK014438247	Tachytrechus consobrinus
UKAN1156-23	NHMUK014438248	Dolichopus phaeopus
UKAN1157-23	NHMUK014438249	Dolichopus atratus
UKAN1158-23	NHMUK014438250	Dolichopus festivus
UKAN1159-23	NHMUK014438251	Dolichopus vitripennis
UKAN1160-23	NHMUK014438252	Thinophilus versutus
UKAN1161-23	NHMUK014438253	Aphrosylus ferox
UKAN1162-23	NHMUK014438254	Dolichopus picipes
UKAN1163-23	NHMUK014438255	Sybistroma obscurella
UKAN1164-23	NHMUK014438256	Hercostomus chetifer
UKAN1165-23	NHMUK014438257	Dolichopus sabinus
UKAN1166-23	NHMUK014438258	Liancalus virens
UKAN1167-23	NHMUK014438259	Dolichopus diadema
UKAN1168-23	NHMUK014438260	Dolichopus clavipes
UKAN1169-23	NHMUK014438261	Hercostomus celer
UKAN1170-23	NHMUK014438262	Hercostomus metallicus
UKAN1171-23	NHMUK014438263	Hercostomus aerosus
UKAN1172-23	NHMUK014438264	Hercostomus cupreus
UKAN1173-23	NHMUK014438265	Dolichopus signatus
UKAN1174-23	NHMUK014438266	Dolichopus pennatus

Process ID	Sample ID	Identification
UKAN1175-23	NHMUK014438267	Dolichopus wahlbergi
UKAN1176-23	NHMUK014438268	Tachytrechus notatus
UKAN1177-23	NHMUK014438269	Hydrophorus praecox
UKAN1178-23	NHMUK014438270	Xanthochlorus ornatus
UKAN1179-23	NHMUK014438271	Sciapus wiedemanni
UKAN1180-23	NHMUK014438272	Dolichopus simplex
UKAN1181-23	NHMUK014438273	Dolichopus brevipennis
UKAN1182-23	NHMUK014438274	Campsicnemus pusillus
UKAN1183-23	NHMUK014438275	Teuchophorus monacanthus
UKAN1184-23	NHMUK014438276	Syntormon denticulatus
UKAN1185-23	NHMUK014438277	Dolichopus nubilus
UKAN1186-23	NHMUK014438278	Dolichopus ungulatus
UKAN1187-23	NHMUK014438279	Dolichopus plumipes
UKAN1188-23	NHMUK014438280	Micromorphus
UKAN1189-23	NHMUK014438281	Thinophilus flavipalpis
UKAN1190-23	NHMUK014438282	Hydrophorus oceanus
UKAN1191-23	NHMUK014438283	Syntormon pseudospicatum
UKAN1192-23	NHMUK014438284	Argyra vestita
UKAN1193-23	NHMUK014438285	Dolichopus andalusiacus
UKAN1194-23	NHMUK014438286	Medetera petrophiloides
UKAN1195-23	NHMUK014438287	Teuchophorus spinigerellus
UKAN1196-23	NHMUK014438288	Dolichopus campestris
UKAN1197-23	NHMUK014438289	Hercostomus chalybeus
UKAN1198-23	NHMUK014438290	Hercostomus nanus
UKAN1199-23	NHMUK014438291	Syntormon submonilis
UKAN1200-23	NHMUK014438292	Anepsiomyia flaviventris
UKAN1201-23	NHMUK014438293	Syntormon pumilus
UKAN1202-23	NHMUK014438294	Rhaphium monotrichum
UKAN1203-23	NHMUK014438295	Thrypticus nigricauda
UKAN1204-23	NHMUK014438296	Hercostomus gracilis
UKAN1205-23	NHMUK014438297	Clanoneurum cimiciforme
UKAN1206-23	NHMUK014438298	Psilopa leucostoma
UKAN1207-23	NHMUK014438299	Syntormon pallipes
UKAN1208-23	NHMUK014438300	Dolichopus atripes
UKAN1209-23	NHMUK014440531	Clytus arietis
UKAN1210-23	NHMUK014440532	Anaglyptus mysticus
UKAN1211-23	NHMUK014440533	Trichosirocalus troglodytes
UKAN1212-23	NHMUK014440534	Grammoptera ruficornis
UKAN1213-23	NHMUK014440535	Alosterna tabacicolor
UKAN1214-23	NHMUK014440536	Stenurella melanura
UKAN1215-23	NHMUK014440537	Dascillus cervinus
UKAN1216-23	NHMUK014440538	Paradromius linearis
UKAN1217-23	NHMUK014440539	Anthonomus rubi
UKAN1218-23	NHMUK014440540	Hygromia cinctella
UKAN1219-23	NHMUK014440541	Cryptops anomalans

Process ID	Sample ID	Identification
UKAN1220-23	NHMUK014440542	Stethophyma grossum
UKAN1221-23	NHMUK014440543	Agrypnus murinus
UKAN1222-23	NHMUK014440544	Mordellochroa abdominalis
UKAN1223-23	NHMUK014440545	Halyomorpha halys
UKAN1224-23	NHMUK014440546	Reduviidae
UKAN1225-23	NHMUK014440548	Pulvinaria
UKAN1226-23	NHMUK014440550	Lithobius forficatus
UKAN1227-23	NHMUK014440551	Cryptops anomalans
UKAN1228-23	NHMUK014440552	Polydesmus
UKAN1229-23	NHMUK014440553	Limacus maculatus
UKAN1230-23	NHMUK014440554	Coelopa frigida
UKAN1231-23	NHMUK014440555	Coelopa frigida
UKAN1232-23	NHMUK014440556	Coelopa frigida
UKAN1233-23	NHMUK014440560	Cantharis rustica
UKAN1234-23	NHMUK014440561	Cassida rubiginosa
UKAN1235-23	NHMUK014440562	Malachius bipustulatus
UKAN1236-23	NHMUK014440737	Archarius salicivorus
UKAN1237-23	NHMUK014440738	Melanotus castanipes
UKAN1238-23	NHMUK014440739	Telmatophilus typhae
UKAN1239-23	NHMUK014440740	Crepidodera aurata
UKAN1240-23	NHMUK014440741	Trixagus
UKAN1241-23	NHMUK014440742	Stenus
UKAN1242-23	NHMUK014440743	Crepidodera aurea
UKAN1243-23	NHMUK014440744	Galerucella lineola
UKAN1244-23	NHMUK014440745	Eutrichapion ervi
UKAN1245-23	NHMUK014440746	Lathrobium
UKAN1246-23	NHMUK014440747	Anaspis lurida
UKAN1250-23	NHMUK014451692	Leucozona lucorum
UKAN1251-23	NHMUK014451732	Hydrellia maura
UKAN1254-23	NHMUK014527433	Arion ater
UKAN1256-23	NHMUK014543612	Melanostoma scalare
UKAN1257-23	NHMUK014543613	Scathophaga spurca
UKAN1258-23	NHMUK014543614	Morellia hortorum
UKAN1259-23	NHMUK014543615	Sylvicola punctatus
UKAN1260-23	NHMUK014543617	Eysarcoris venustissimus
UKAN1261-23	NHMUK014543618	Melanogaster hirtella
UKAN1262-23	NHMUK014543619	Sphegina clunipes
UKAN1263-23	NHMUK014543650	Portevinia maculata
UKAN1264-23	NHMUK014543651	Tetanocera ferruginea
UKAN1266-23	NHMUK014543653	Melanogaster hirtella
UKAN1267-23	NHMUK014543654	Ferdinandea cuprea
UKAN1268-23	NHMUK014543655	Pyrophaena rosarum
UKAN1273-23	NHMUK014543661	Neurigona quadrifasciata
UKAN1275-23	NHMUK014543693	Minettia longipennis
UKAN1277-23	NHMUK014543695	Nephrotoma flavipalpis

Process ID	Sample ID	Identification
UKAN1283-23	NHMUK014543701	Parallelomma vittatum
UKAN1285-23	NHMUK014543703	Euleia heraclei
UKAN1286-23	NHMUK014543704	Elachiptera austriaca
UKAN1287-23	NHMUK014560754	Campsicnemus pumilio
UKAN1291-23	NHMUK014560758	Sympycnus pulicarius
UKAN1293-23	NHMUK014560760	Sciapus longulus
UKAN1294-23	NHMUK014560761	Hercostomus parvilamellatus
UKAN1296-23	NHMUK014560796	Dolichopus strigipes
UKAN1297-23	NHMUK014560797	Thinophilus ruficornis
UKAN1301-23	NHMUK014560801	Thrypticus bellus
UKAN1302-23	NHMUK014560802	Chrysotus laesus
UKAN1309-23	NHMUK014560842	Diaphorus nigricans
UKAN1314-23	NHMUK014560880	Chrysotus suavis
UKAN1316-23	NHMUK014560882	Chrysotimus molliculus
UKAN1317-23	NHMUK014560883	Achalcus cinereus
UKAN1318-23	NHMUK014560884	Neurigona suturalis
UKAN1319-23	NHMUK014560885	Neurigona quadrifasciata
UKAN1320-23	NHMUK014560886	Neurigona quadrifasciata
UKAN1321-23	NHMUK014560887	Neurigona abdominalis
UKAN1322-23	NHMUK014560888	Neurigona abdominalis
UKAN1323-23	NHMUK014560922	Sciapus platypterus
UKAN1324-23	NHMUK014560923	Sciapus platypterus
UKAN1325-23	NHMUK014560924	Scellus notatus
UKAN1326-23	NHMUK014560925	Dolichopus ungulatus
UKAN1327-23	NHMUK014560926	Dolichopus griseipennis
UKAN1328-23	NHMUK014560927	Medetera truncorum
UKAN1329-23	NHMUK014560928	Medetera saxatilis
UKAN1330-23	NHMUK014560929	Medetera muralis
UKAN1331-23	NHMUK014560930	Xanthochlorus ornatus
UKAN1332-23	NHMUK014560964	Medetera muralis
UKAN1333-23	NHMUK014560965	Campsicnemus curvipes
UKAN1334-23	NHMUK014560966	Poecilobothrus nobilitatus
UKAN1335-23	NHMUK014560967	Xanthochlorus tenellus
UKAN1336-23	NHMUK014560968	Medetera pallipes
UKAN1337-23	NHMUK014560969	Sympycnus pulicarius
UKAN1338-23	NHMUK014560970	Sympycnus pulicarius
UKAN1339-23	NHMUK014560971	Gymnopternus silvestris
UKAN1340-23	NHMUK014560972	Opomyza germinationis
UKAN1341-23	NHMUK014561006	Opomyza germinationis
UKAN1342-23	NHMUK014561007	Opomyza florum
UKAN1343-23	NHMUK014561008	Palloptera umbellatarum
UKAN1348-23	NHMUK014588857	Melanostoma scalare
UKAN1349-23	NHMUK014588858	Morellia hortorum
UKAN1350-23	NHMUK014588859	Sylvicola punctatus
UKAN1351-23	NHMUK014588860	Portevinia maculata

Process ID	Sample ID	Identification
UKAN1352-23	NHMUK014588861	Sphegina clunipes
UKAN1353-23	NHMUK014588862	Palloptera umbellatarum
UKAN1354-23	NHMUK014588863	Campsicnemus curvipes
UKAN1355-23	NHMUK014588864	Opomyza germinationis
UKAN1356-23	NHMUK014588865	Opomyza germinationis
UKAN1357-23	NHMUK014588866	Medetera muralis
UKAN1358-23	NHMUK014588867	Medetera truncorum
UKAN1359-23	NHMUK014588868	Neurigona suturalis
UKAN1360-23	NHMUK014588869	Sciapus platypterus
UKAN1361-23	NHMUK014588870	Ichneumon oblongus
UKAN1362-23	NHMUK014588871	Ichneumon gracilentus
UKAN1363-23	NHMUK014588872	Stenichneumon culpator
UKAN1364-23	NHMUK014588873	Baranisobas ridibundus
UKAN1365-23	NHMUK014588874	Ischnus alternator
UKAN1366-23	NHMUK014588875	Netelia
UKAN1367-23	NHMUK014588876	Alomya debellator
UKAN1368-23	NHMUK014588877	Itoplectis maculator
UKAN1369-23	NHMUK014588878	Collyria coxator
UKAN1370-23	NHMUK014588879	Collyria coxator
UKAN1371-23	NHMUK014588880	Ichneumon stramentor
UKAN1372-23	NHMUK014588881	Cratichneumon flavifrons
UKAN1373-23	NHMUK014588882	Diplazon pectoratorius
UKAN1374-23	NHMUK014588883	Pimpla rufipes
UKAN1375-23	NHMUK014588884	Dyspetes luteomarginatus
UKAN1376-23	NHMUK014588885	Netelia melanura
UKAN1377-23	NHMUK014588886	Exyston
UKAN1378-23	NHMUK014588887	Enicospilus ramidulus
UKAN1379-23	NHMUK014588888	Diplazon laetatorius
UKAN1380-23	NHMUK014588889	Ichneumon simulans
UKAN1381-23	NHMUK014588890	Ophion obscuratus
UKAN1382-23	NHMUK014588891	Polytribax arrogans
UKAN1383-23	NHMUK014588892	Diphyus palliatorius
UKAN1384-23	NHMUK014588893	Diphyus palliatorius
UKAN1385-23	NHMUK014598866	Batophila aerata
UKAN1386-23	NHMUK014598867	Limax maximus
UKAN1387-23	NHMUK014598891	Scolopostethus
UKAN1388-23	NHMUK014598892	Empicoris
UKAN1389-23	NHMUK014598893	Dicyphus
UKAN1390-23	NHMUK014598894	Dicyphus
UKAN1391-23	NHMUK014598895	Isopoda
UKAN1392-23	NHMUK014598897	Miridae
UKAN1393-23	NHMUK014598898	Stilbus testaceus
UKAN1424-23	NHMUK014915654	Aphthona euphorbiae
UKAN1427-23	NHMUK014915685	Haemopis sanguisuga
UKAN1429-23	NHMUK014915695	Chrysomela saliceti

Process ID	Sample ID	Identification
UKAN1432-23	NHMUK014915724	Amphinemura standfussi
UKAN1438-23	NHMUK015053890	Diprion pini
UKAN1439-23	NHMUK015053891	Diprion pini
UKAN1440-23	NHMUK015053892	Diprion pini
UKAN1443-23	NHMUK015053992	Gymnochiromyia inermis
UKAN1445-23	NHMUK015053994	Hydroptila occulta
UKAN1446-23	NHMUK015053995	Hydroptila occulta
UKAN1447-23	NHMUK015053996	Ithytrichia lamellaris
UKAN1448-23	NHMUK015053997	Ithytrichia lamellaris
UKAN1449-23	NHMUK015053998	Hydroptila simulans
UKAN1450-23	NHMUK015053999	Agapetus ochripes
UKAN1451-23	NHMUK015054000	Agapetus ochripes
UKAN1452-23	NHMUK015054001	Ceraclea dissimilis
UKAN1453-23	NHMUK015054002	Rhyacophila dorsalis
UKAN1454-23	NHMUK015054004	Hydroptila vectis
UKAN1455-23	NHMUK015054005	Limnephilus lunatus
UKAN1456-23	NHMUK015054006	Agapetus fuscipes
UKAN1457-23	NHMUK015054007	Melampophylax mucoreus
UKAN1458-23	NHMUK015054008	Philopotamus montanus
UKAN1459-23	NHMUK015054009	Hydroptila forcipata
UKAN1460-23	NHMUK015054010	Metalype fragilis
UKAN1461-23	NHMUK015054011	Wormaldia occipitalis
UKAN1462-23	NHMUK015054012	Wormaldia occipitalis
UKAN1463-23	NHMUK015054013	Anabolia nervosa
UKAN1464-23	NHMUK015054014	Hydroptila sparsa
UKAN1465-23	NHMUK015054691	Coenagrion pulchellum
UKAN1466-23	NHMUK015058972	Symplecta stictica
UKAN1467-23	NHMUK015058973	Limonia trivittata
UKAN1468-23	NHMUK015058974	Tipula helvola
UKAN1469-23	NHMUK015058975	Lipsothrix nervosa
UKAN1470-23	NHMUK015058976	Euphylidorea aperta
UKAN1471-23	NHMUK015058977	Phylidorea fulvonervosa
UKAN1472-23	NHMUK015058978	Pachygaster leachii
UKAN1473-23	NHMUK015058979	Minettia inusta
UKAN1474-23	NHMUK015058980	Molophilus bihamatus
UKAN1475-23	NHMUK015058981	Tricyphona immaculata
UKAN1476-23	NHMUK015058982	Molophilus medius
UKAN1477-23	NHMUK015058983	Gonomyia recta
UKAN1478-23	NHMUK015058984	Molophilus ochraceus
UKAN1479-23	NHMUK015058985	Tipula furca
UKAN1480-23	NHMUK015058986	Epiphragma ocellare
UKAN1481-23	NHMUK015058987	Neolimonia dumetorum
UKAN1482-23	NHMUK015058988	Rhamphomyia barbata
UKAN1483-23	NHMUK015058989	Nephrotoma cornicina
UKAN1484-23	NHMUK015058990	Nephrotoma quadrifaria

Process ID	Sample ID	Identification
UKAN1485-23	NHMUK015058991	Xyphosia miliaria
UKAN1486-23	NHMUK015058992	Hybos femoratus
UKAN1487-23	NHMUK015058993	Dicranomyia lucida
UKAN1488-23	NHMUK015058996	Xyphosia miliaria
UKAN1489-23	NHMUK015059001	Chrysogaster solstitialis
UKAN1490-23	NHMUK015059002	Limonia nubeculosa
UKAN1491-23	NHMUK015059003	Sylvicola punctatus
UKAN1492-23	NHMUK015059014	Erioptera meijerei
UKAN1493-23	NHMUK015059015	Molophilus obscurus
UKAN1494-23	NHMUK015059016	Dicranomyia morio
UKAN1495-23	NHMUK015059021	Oplodontha viridula
UKAN1496-23	NHMUK015059022	Leptura quadrifasciata
UKAN1497-23	NHMUK015059024	Tipula pruinosa
UKAN1498-23	NHMUK015059025	Sphaerophoria menthastri
UKAN1499-23	NHMUK015059026	Chrysopilus cristatus
UKAN1500-23	NHMUK015059027	Insecta
UKAN1501-23	NHMUK015059029	Curculio nucum
UKAN1502-23	NHMUK015059030	Marpissa muscosa
UKAN1503-23	NHMUK015059031	Metalimnobia quadrinotata
UKAN1504-23	NHMUK015059032	Limonia macrostigma
UKAN1505-23	NHMUK015059033	Molophilus appendiculatus
UKAN1506-23	NHMUK015059034	Philophylla caesio
UKAN1507-23	NHMUK015059035	Ptychoptera minuta
UKAN1508-23	NHMUK015059036	Tipula helvola
UKAN1509-23	NHMUK015059037	Tipula fascipennis
UKAN1510-23	NHMUK015059038	Tipula lateralis
UKAN1511-23	NHMUK015059040	Phylidorea ferruginea
UKAN1512-23	NHMUK015059041	Platycephala planifrons
UKAN1513-23	NHMUK015059042	Neolimnomyia batava
UKAN1514-23	NHMUK015059043	Lipsothrix remota
UKAN1515-23	NHMUK015059044	Austrolimnophila ochracea
UKAN1516-23	NHMUK015059050	Ichneumonidae
UKAN1517-23	NHMUK015059052	Atypophthalmus inustus
UKAN1518-23	NHMUK015059053	Panorpa communis
UKAN1519-23	NHMUK015059054	Panorpa communis
UKAN1520-23	NHMUK015059434	Achyrolimonia decemmaculata
UKAN1521-23	NHMUK015059435	Tipula pierrei
UKAN1522-23	NHMUK015059436	Cordilura albipes
UKAN1523-23	NHMUK015059437	Ptychoptera albimana
UKAN1524-23	NHMUK015059438	Chrysotoxum verralli
UKAN1525-23	NHMUK015059439	Cryptocephalus fulvus
UKAN1526-23	NHMUK015059440	Ormosia pseudosimilis
UKAN1527-23	NHMUK015059441	Ormosia pseudosimilis
UKAN1528-23	NHMUK015059442	Molophilus appendiculatus
UKAN1529-23	NHMUK015059443	Cryptocephalus fulvus

Process ID	Sample ID	Identification
UKAN1530-23	NHMUK015059444	Nigrotipula nigra
UKAN1531-23	NHMUK015059445	Tipula lateralis
UKAN1532-23	NHMUK015059446	Nemotelus pantherinus
UKAN1533-23	NHMUK015059447	Dicranomyia ventralis
UKAN1534-23	NHMUK015059448	Dicranomyia modesta
UKAN1535-23	NHMUK015059449	Erioptera flavata
UKAN1536-23	NHMUK015059450	Austrolimnophila ochracea
UKAN1537-23	NHMUK015059451	Odontomyia angulata
UKAN1538-23	NHMUK015059452	Ptychoptera contaminata
UKAN1539-23	NHMUK015059453	Dicranomyia sericata
UKAN1540-23	NHMUK015059454	Melieria crassipennis
UKAN1541-23	NHMUK015059455	Erioptera fuscipennis
UKAN1542-23	NHMUK015059456	Erioptera fuscipennis
UKAN1543-23	NHMUK015059457	Erioptera fuscipennis
UKAN1544-23	NHMUK015059458	Erioptera fuscipennis
UKAN1545-23	NHMUK015059461	Hybomitra bimaculata
UKAN1546-23	NHMUK015059462	Hybomitra muehlfeldi
UKAN1547-23	NHMUK015059464	Philodromus aureolus
UKAN1548-23	NHMUK015059465	Rhipidia maculata
UKAN1549-23	NHMUK015059467	Pilaria meridiana
UKAN1550-23	NHMUK015059469	Dicranomyia modesta
UKAN1551-23	NHMUK015059471	Nephrotoma flavescens
UKAN1552-23	NHMUK015059472	Nephrotoma analis
UKAN1553-23	NHMUK015059473	Tropidia scita
UKAN1554-23	NHMUK015059474	Platycephala planifrons
UKAN1555-23	NHMUK015059475	Hybomitra solstitialis
UKAN1556-23	NHMUK015059476	Plateumaris braccata
UKAN1557-23	NHMUK015059477	Prionocera turcica
UKAN1558-23	NHMUK015059478	Nematus latipes
UKAN1559-23	NHMUK015059479	Gonomyia bifida
UKAN1560-23	NHMUK015059480	Dicranomyia danica
UKAN1561-23	NHMUK015059481	Dicranomyia chorea
UKAN1562-23	NHMUK015059482	Linyphia hortensis
UKAN1563-23	NHMUK015059483	Linyphia hortensis
UKAN1564-23	NHMUK015059485	Chrysops viduatus
UKAN1565-23	NHMUK015059560	Ptychoptera contaminata
UKAN1566-23	NHMUK015059561	Sepedon sphegea
UKAN1567-23	NHMUK015059563	Sepedon spinipes
UKAN1568-23	NHMUK015059564	Sepsis thoracica
UKAN1569-23	NHMUK015059565	Sepsis cynipsea
UKAN1570-23	NHMUK015059567	Themira annulipes
UKAN1571-23	NHMUK015059570	Chironomidae
UKAN1572-23	NHMUK015059602	Oxycera rara
UKAN1573-23	NHMUK015060556	Acidia cognata
UKAN1574-23	NHMUK015060557	Opomyza florum

Process ID	Sample ID	Identification
UKAN1575-23	NHMUK015060560	Conops quadrifasciatus
UKAN1576-23	NHMUK015060561	Syritta pipiens
UKAN1577-23	NHMUK015060562	Sepsis
UKAN1578-23	NHMUK015073255	Psylliodes napi
UKAN1579-23	NHMUK015073257	Longitarsus flavicornis
UKAN1580-23	NHMUK015073261	Myrmecocephalus concinnus
UKAN1581-23	NHMUK015073262	Atheta
UKAN1582-23	NHMUK015073263	Atheta
UKAN1583-23	NHMUK015073983	Nacerdes carniolica
UKAN1584-23	NHMUK015081186	Anthonomus rubi
UKAN1585-23	NHMUK015081188	Cryptocephalus fulvus
UKAN1586-23	NHMUK015081189	Calvia quatuordecimguttata
UKAN1587-23	NHMUK015081190	Thryogenes festucae
UKAN1588-23	NHMUK015081191	Melanotus castanipes
UKAN1589-23	NHMUK015081192	Harpalus anxius
UKAN1590-23	NHMUK015081193	Nanophyes marmoratus
UKAN1591-23	NHMUK015081194	Hoplia philanthus
UKAN1592-23	NHMUK015081195	Bombus vestalis
UKAN1593-23	NHMUK015081196	Amphimallon solstitiale
UKAN1594-23	NHMUK015081197	Delphax pulchellus
UKAN1595-23	NHMUK015081198	Idaea dimidiata
UKAN1596-23	NHMUK015081199	Cerapheles terminatus
UKAN1597-23	NHMUK015081200	Macrochilo cribrumalis
UKAN1598-23	NHMUK015081201	Cantharis pallida
UKAN1599-23	NHMUK015081202	Dacne bipustulata
UKAN1600-23	NHMUK015081203	Phyllobrotica quadrimaculata
UKAN1601-23	NHMUK015081204	Cantharis cryptica
UKAN1602-23	NHMUK015081205	Cantharis pallida
UKAN1603-23	NHMUK015081206	Phaedon armoraciae
UKAN1604-23	NHMUK015081207	Phaedon armoraciae
UKAN1605-23	NHMUK015081208	Galerucella calmariensis
UKAN1606-23	NHMUK015081209	Micrelus ericae
UKAN1607-23	NHMUK015081210	Galerucella sagittariae
UKAN1608-23	NHMUK015081211	Plateumaris sericea
UKAN1609-23	NHMUK015081212	Vulgichneumon saturatorius
UKAN1610-23	NHMUK015081213	Paederus riparius
UKAN1611-23	NHMUK015081214	Nebria brevicollis
UKAN1612-23	NHMUK015081215	Philanthus triangulum
UKAN1613-23	NHMUK015081216	Ilybius ater
UKAN1614-23	NHMUK015081217	Schoenobius gigantella
UKAN1615-23	NHMUK015081218	Idaea dimidiata
UKAN1616-23	NHMUK015081219	Pelosia muscerda
UKAN1617-23	NHMUK015081220	Nemotelus pantherinus
UKAN1618-23	NHMUK015081221	Nemotelus pantherinus
UKAN1619-23	NHMUK015081222	Anteon pubicorne

Process ID	Sample ID	Identification
UKAN1620-23	NHMUK015081223	Melieria crassipennis
UKAN1621-23	NHMUK015081224	Hoplia philanthus
UKAN1622-23	NHMUK015081225	Scolopostethus puberulus
UKAN1623-23	NHMUK015081227	Capsus ater
UKAN1624-23	NHMUK015081228	Herina frondescentiae
UKAN1625-23	NHMUK015081229	Pithanus maerkelii
UKAN1626-23	NHMUK015081230	Polyblastus varitarsus
UKAN1627-23	NHMUK015081231	Sciara hemerobioides
UKAN1628-23	NHMUK015081232	Phylidorea ferruginea
UKAN1629-23	NHMUK015081233	Stenotus binotatus
UKAN1630-23	NHMUK015081235	Tenthredo notha
UKAN1631-23	NHMUK015081236	Limnobaris t-album
UKAN1632-23	NHMUK015081237	Pyrophaena rosarum
UKAN1633-23	NHMUK015081238	Haematopota pluvialis
UKAN1634-23	NHMUK015081239	Oxybelus argentatus
UKAN1635-23	NHMUK015081240	Nabis limbatus
UKAN1636-23	NHMUK015081241	Trioza galii
UKAN1637-23	NHMUK015081242	Cryptocephalus primarius
UKAN1638-23	NHMUK015081243	Anomala dubia
UKAN1639-23	NHMUK015081244	Adalia decempunctata
UKAN1640-23	NHMUK015081245	Olibrus
UKAN1641-23	NHMUK015081246	Phylan gibbus
UKAN1642-23	NHMUK015081247	Cryptocephalus fulvus
UKAN1643-23	NHMUK015081248	Cryptocephalus fulvus
UKAN1644-23	NHMUK015081249	Cordylepherus viridis
UKAN1645-23	NHMUK015081250	Oedemera nobilis
UKAN1646-23	NHMUK015081251	Cryptocephalus fulvus
UKAN1647-23	NHMUK015081252	Harpalus
UKAN1648-23	NHMUK015081253	Ceutorhynchus obstrictus
UKAN1649-23	NHMUK015081254	Phylan gibbus
UKAN1650-23	NHMUK015081255	Plateumaris braccata
UKAN1651-23	NHMUK015081256	Lagria hirta
UKAN1652-23	NHMUK015081257	Silis ruficollis
UKAN1653-23	NHMUK015081258	Cantharis nigra
UKAN1654-23	NHMUK015081259	Cantharis lateralis
UKAN1655-23	NHMUK015081260	Limnobaris t-album
UKAN1656-23	NHMUK015081261	Brassicogethes aeneus
UKAN1657-23	NHMUK015081262	Brassicogethes aeneus
UKAN1658-23	NHMUK015081263	Lasioglossum calceatum
UKAN1659-23	NHMUK015081264	Hybos femoratus
UKAN1660-23	NHMUK015081265	Hylaeus communis
UKAN1661-23	NHMUK015081266	Hylaeus communis
UKAN1662-23	NHMUK015081267	Rhinophora lepida
UKAN1663-23	NHMUK015081268	Trypeta zoe
UKAN1664-23	NHMUK015081269	Stenodema calcarata

Process ID	Sample ID	Identification
UKAN1665-23	NHMUK015081270	Oplodontha viridula
UKAN1666-23	NHMUK015081271	Ectemnius lapidarius
UKAN1667-23	NHMUK015081272	Dorcus parallelipipedus
UKAN1668-23	NHMUK015081273	Conocephalus dorsalis
UKAN1669-23	NHMUK015081274	Ceutorhynchus obstrictus
UKAN1670-23	NHMUK015081275	Cantharis figurata
UKAN1671-23	NHMUK015081276	Aphthona nonstriata
UKAN1672-23	NHMUK015081277	Kateretes pedicularius
UKAN1673-23	NHMUK015081278	Leptura quadrifasciata
UKAN1674-23	NHMUK015081279	Malthinus seriepunctatus
UKAN1675-23	NHMUK015081280	Malthinus seriepunctatus
UKAN1676-23	NHMUK015081281	Cordylepherus viridis
UKAN1677-23	NHMUK015081282	Lagria hirta
UKAN1678-23	NHMUK015081283	Carabus granulatus
UKAN1679-23	NHMUK015081284	Stratiomys
UKAN1680-23	NHMUK015081285	Rhagio scolopaceus
UKAN1681-23	NHMUK015081286	Plateumaris braccata
UKAN1682-23	NHMUK015081287	Grammoptera ruficornis
UKAN1683-23	NHMUK015081288	Nanophyes marmoratus
UKAN1684-23	NHMUK015081289	Cantharis nigra
UKAN1685-23	NHMUK015081290	Plagiodera versicolora
UKAN1686-23	NHMUK015081291	Necrodes littoralis
UKAN1687-23	NHMUK015081292	Anthrenus verbasci
UKAN1688-23	NHMUK015081293	Anthrenus fuscus
UKAN1689-23	NHMUK015081294	Brassicogethes
UKAN1690-23	NHMUK015081295	Phylan gibbus
UKAN1691-23	NHMUK015081296	Agapanthia villosoviridescens
UKAN1692-23	NHMUK015081297	Ceutorhynchus obstrictus
UKAN1693-23	NHMUK015081298	Hoplia philanthus
UKAN1694-23	NHMUK015081299	Odontomyia angulata
UKAN1695-23	NHMUK015081300	Eulithis pyraliata
UKAN1696-23	NHMUK015081301	Furcula furcula
UKAN1697-23	NHMUK015081302	Chrysoteuchia culmella
UKAN1698-23	NHMUK015081303	Ectropis crepuscularia
UKAN1699-23	NHMUK015081304	Serica brunnea
UKAN1700-23	NHMUK015081305	Dysmachus trigonus
UKAN1701-23	NHMUK015081306	Idaea aversata
UKAN1702-23	NHMUK015081307	Noctua fimbriata
UKAN1703-23	NHMUK015081308	Thumatha senex
UKAN1704-23	NHMUK015081309	Cantharis rufa
UKAN1705-23	NHMUK015081310	Lampyris noctiluca
UKAN1706-23	NHMUK015081311	Acentria ephemerella
UKAN1707-23	NHMUK015081312	Hypera nigrirostris
UKAN1708-23	NHMUK015081313	Euophryum confine
UKAN1709-23	NHMUK015081314	Helophilus pendulus

Process ID	Sample ID	Identification
UKAN1710-23	NHMUK015081315	Phragmatobia fuliginosa
UKAN1711-23	NHMUK015081316	Elophila nymphaeata
UKAN1712-23	NHMUK015081317	Selenia tetralunaria
UKAN1713-23	NHMUK015081318	Pelosia muscerda
UKAN1714-23	NHMUK015081319	Rivula sericealis
UKAN1715-23	NHMUK015081320	Arenostola phragmitidis
UKAN1716-23	NHMUK015081321	Tetrix undulata
UKAN1717-23	NHMUK015081322	Brachylomia viminalis
UKAN1718-23	NHMUK015081323	Agelena labyrinthica
UKAN1719-23	NHMUK015081324	Odontomyia angulata
UKAN1720-23	NHMUK015081325	Pardosa nigriceps
UKAN1721-23	NHMUK015081326	Geometra papilionaria
UKAN1722-23	NHMUK015081327	Thumatha senex
UKAN1723-23	NHMUK015081328	Euthrix potatoria
UKAN1724-23	NHMUK015081329	Hydriomena furcata
UKAN1725-23	NHMUK015081330	Pelosia muscerda
UKAN1726-23	NHMUK015081331	Hoplodrina blanda
UKAN1727-23	NHMUK015081332	Selenia tetralunaria
UKAN1728-23	NHMUK015081333	Hypsopygia glaucinalis
UKAN1729-23	NHMUK015081334	Euthrix potatoria
UKAN1730-23	NHMUK015081335	Propylea quatuordecimpunctata
UKAN1731-23	NHMUK015081336	Axinotarsus marginalis
UKAN1732-23	NHMUK015081337	Protapion trifolii
UKAN1733-23	NHMUK015081338	Longitarsus flavicornis
UKAN1734-23	NHMUK015081339	Byturus ochraceus
UKAN1735-23	NHMUK015081340	Ceutorhynchus obstrictus
UKAN1736-23	NHMUK015081341	Oedemera lurida
UKAN1737-23	NHMUK015081342	Cortinicara gibbosa
UKAN1738-23	NHMUK015081343	Bruchidius villosus
UKAN1739-23	NHMUK015081344	Hypera nigrirostris
UKAN1740-23	NHMUK015081345	Bruchidius villosus
UKAN1741-23	NHMUK015081346	Dasytes aeratus
UKAN1742-23	NHMUK015081347	Crepidodera aurea
UKAN1743-23	NHMUK015081349	Neoascia tenur
UKAN1744-23	NHMUK015081350	Neoascia tenur
UKAN1745-23	NHMUK015081351	Bembidion tibiale
UKAN1746-23	NHMUK015081353	Crepidodera aurata
UKAN1747-23	NHMUK015081354	Spilichneumon ammonius
UKAN1748-23	NHMUK015081355	Ichneumon gracilentus
UKAN1749-23	NHMUK015081356	Netelia
UKAN1750-23	NHMUK015081357	Glypta mensurator
UKAN1751-23	NHMUK015081358	Netelia
UKAN1752-23	NHMUK015081359	Ichneumon extensorius
UKAN1753-23	NHMUK015081360	Ichneumon stramentarius
UKAN1754-23	NHMUK015081361	Ichneumon gracilentus

Process ID	Sample ID	Identification
UKAN1755-23	NHMUK015081362	Ichneumon gracilentus
UKAN1756-23	NHMUK015081363	Diphyus palliatorius
UKAN1757-23	NHMUK015081364	Amblyteles armatorius
UKAN1758-23	NHMUK015081365	Poemenia hectica
UKAN1759-23	NHMUK015081366	Banchus volutatorius
UKAN1760-23	NHMUK015081367	Therion circumflexum
UKAN1761-23	NHMUK015081368	Perithous scurra
UKAN1762-23	NHMUK015081369	Endromopoda detrita
UKAN1763-23	NHMUK015081370	Ichneumon extensorius
UKAN1764-23	NHMUK015081371	Ichneumon stramentarius
UKAN1765-23	NHMUK015081372	Ichneumon gracilentus
UKAN1766-23	NHMUK015081373	Glyphicnemis profligator
UKAN1767-23	NHMUK015081374	Hyposoter didymator
UKAN1768-23	NHMUK015081375	Phthorima compressa
UKAN1769-23	NHMUK015081376	Agrypon flaveolatum
UKAN1770-23	NHMUK015081377	Alomya debellator
UKAN1771-23	NHMUK015081378	Agrypon flaveolatum
UKAN1772-23	NHMUK015081379	Cratichneumon viator
UKAN1773-23	NHMUK015081380	Tryphon bidentatus
UKAN1774-23	NHMUK015081381	Zele deceptor
UKAN1775-23	NHMUK015081382	Clistopyga incitator
UKAN1776-23	NHMUK015081383	Oedemopsis scabricula
UKAN1777-23	NHMUK015081384	Ophion obscuratus
UKAN1778-23	NHMUK015081385	Lissonota lineolaris
UKAN1779-23	NHMUK015081386	Leptidea sinapsis
UKAN1780-23	NHMUK015081387	Litargus connexus
UKAN1781-23	NHMUK015081388	Anobium punctatum
UKAN1782-23	NHMUK015081389	Acupalpus parvulus
UKAN1783-23	NHMUK015081390	Biphyllus lunatus
UKAN1784-23	NHMUK015081391	Pterostichus minor
UKAN1785-23	NHMUK015081392	Diaperis boleti
UKAN1786-23	NHMUK015081393	Panspaeus guttatus
UKAN1787-23	NHMUK015081394	Betulapion simile
UKAN1788-23	NHMUK015081395	Scymnus suturalis
UKAN1789-23	NHMUK015081396	Pycnomerus fuliginosus
UKAN1790-23	NHMUK015081397	Biphyllus lunatus
UKAN1791-23	NHMUK015081398	Chilocorus renipustulatus
UKAN1792-23	NHMUK015081399	Limodromus assimilis
UKAN1793-23	NHMUK015081400	Helochares obscurus
UKAN1794-23	NHMUK015081401	Contacyphon padi
UKAN1795-23	NHMUK015081402	Atrecus affinis
UKAN1796-23	NHMUK015081403	Exapion ulicis
UKAN1797-23	NHMUK015081404	Acupalpus meridianus
UKAN1798-23	NHMUK015081405	Anisoxya fuscula
UKAN1799-23	NHMUK015081406	Teuchestes fossor

Process ID	Sample ID	Identification
UKAN1800-23	NHMUK015081407	Chrysopidae
UKAN1801-23	NHMUK015081408	Trichoptera
UKAN1802-23	NHMUK015081409	Trichoptera
UKAN1803-23	NHMUK015081410	Trichoptera
UKAN1804-23	NHMUK015081411	Abia fasciata
UKAN1805-23	NHMUK015081412	Stomorhina lunata
UKAN1806-23	NHMUK015081413	Syritta pipiens
UKAN1807-23	NHMUK015081414	Anomoia purmunda
UKAN1808-23	NHMUK015081415	Chorisops nagatomii
UKAN1809-23	NHMUK015081416	Ornithomya fringillina
UKAN1810-23	NHMUK015081417	Ornithomya fringillina
UKAN1811-23	NHMUK015081418	Crataerina hirundinis
UKAN1812-23	NHMUK015081419	Lipoptena cervi
UKAN1813-23	NHMUK015081420	Ornithomya avicularia
UKAN1814-23	NHMUK015081421	Lipoptena cervi
UKAN1815-23	NHMUK015081422	Ornithomya fringillina
UKAN1816-23	NHMUK015081423	Ornithomya chloropus
UKAN1817-23	NHMUK015081424	Crataerina pallida
UKAN1818-23	NHMUK015081425	Crataerina pallida
UKAN1819-23	NHMUK015081426	Ornithomya fringillina
UKAN1820-23	NHMUK015081427	Ornithomya chloropus
UKAN1821-23	NHMUK015081428	Ornithomya avicularia
UKAN1822-23	NHMUK015081432	Araneae
UKAN1823-23	NHMUK015081433	Arachnida
UKAN1824-23	NHMUK015081434	Arachnida
UKAN1825-23	NHMUK015081435	Arachnida
UKAN1826-23	NHMUK015081436	Arachnida
UKAN1827-23	NHMUK015081437	Arachnida
UKAN1828-23	NHMUK015081438	Arachnida
UKAN1829-23	NHMUK015081439	Arachnida
UKAN1830-23	NHMUK015081440	Arachnida
UKAN1831-23	NHMUK015081441	Arachnida
UKAN1832-23	NHMUK015081442	Arachnida
UKAN1833-23	NHMUK015081443	Arachnida
UKAN1834-23	NHMUK015081444	Arachnida
UKAN1835-23	NHMUK015081445	Arachnida
UKAN1836-23	NHMUK015081446	Arachnida
UKAN1837-23	NHMUK015081447	Pardosa saltans
UKAN1838-23	NHMUK015081448	Harpactea hombergi
UKAN1839-23	NHMUK015081449	Agalenatea redii
UKAN1840-23	NHMUK015081450	Tenuiphantes tenuis
UKAN1841-23	NHMUK015081451	Philodromus cespitum
UKAN1842-23	NHMUK015081452	Xysticus ulmi
UKAN1843-23	NHMUK015081453	Micaria silesiaca
UKAN1844-23	NHMUK015081454	Tenuiphantes tenuis

Process ID	Sample ID	Identification
UKAN1845-23	NHMUK015081455	Neriene clathrata
UKAN1846-23	NHMUK015081456	Pardosa saltans
UKAN1847-23	NHMUK015081457	Longitarsus parvulus
UKAN1848-23	NHMUK015081458	Rhopalapion longirostre
UKAN1849-23	NHMUK015081459	Dorcatoma
UKAN1850-23	NHMUK015081460	Longitarsus rubiginosus
UKAN1851-23	NHMUK015081461	Longitarsus rubiginosus
UKAN1852-23	NHMUK015081462	Bruchidius varius
UKAN1853-23	NHMUK015081463	Aphthona euphorbiae
UKAN1854-23	NHMUK015081464	Molophilus bihamatus
UKAN1855-23	NHMUK015081465	Sericoderus brevicornis
UKAN1856-23	NHMUK015081466	Armadillidium depressum
UKAN1857-23	NHMUK015081467	Stethorus pusillus
UKAN1858-23	NHMUK015081468	Liocoris tripustulatus
UKAN1859-23	NHMUK015081469	Timarcha goettingensis
UKAN1860-23	NHMUK015081470	Tachyporus hypnorum
UKAN1861-23	NHMUK015081471	Androniscus dentiger
UKAN1862-23	NHMUK015081472	Diptera
UKAN1863-23	NHMUK015081473	Diptera
UKAN1864-23	NHMUK015081474	Oxystoma pomonae
UKAN1865-23	NHMUK015081475	Sericoderus brevicornis
UKAN1866-23	NHMUK015081476	Elasmostethus interstinctus
UKAN1867-23	NHMUK015081477	Diptera
UKAN1868-23	NHMUK015081478	Protapion fulvipes
UKAN1869-23	NHMUK015081479	Diptera
UKAN1870-23	NHMUK015081480	Diptera
UKAN1871-23	NHMUK015081481	Protapion fulvipes
UKAN1872-23	NHMUK015081482	Ptilium
UKAN1873-23	NHMUK015081483	Stenus impressus
UKAN1874-23	NHMUK015081484	Pyrophaena rosarum
UKAN1875-23	NHMUK015081485	Melanostoma mellinum
UKAN1876-23	NHMUK015081486	Tipula cava
UKAN1877-23	NHMUK015081487	Molophilus griseus
UKAN1878-23	NHMUK015081488	Pardosa proxima
UKAN1879-23	NHMUK015081489	Parasteatoda lunata
UKAN1880-23	NHMUK015081490	Capnia atra
UKAN1881-23	NHMUK015081491	Cassida nobilis
UKAN1882-23	NHMUK015081492	Cteniopus sulphureus
UKAN1883-23	NHMUK015081493	Attagenus smirnovi
UKAN1884-23	NHMUK015081494	Leptacinus
UKAN1885-23	NHMUK015081495	Dolomedes fimbriatus
UKAN1886-23	NHMUK015081497	Broscus cephalotes
UKAN1887-23	NHMUK015081498	Euura myosotidis
UKAN1888-23	NHMUK015081499	Nysius
UKAN1889-23	NHMUK015081500	Tenthredo mesomelas

Process ID	Sample ID	Identification
UKAN1890-23	NHMUK015081501	Bembidion pallidipenne
UKAN1891-23	NHMUK015081502	Pulvinaria
UKAN1892-23	NHMUK015081503	Euura myosotidis
UKAN1893-23	NHMUK015081504	Phaleria cadaverina
UKAN1894-23	NHMUK015081505	Dicheirotrichus gustavii
UKAN1895-23	NHMUK015081506	Paradromius linearis
UKAN1896-23	NHMUK015081507	Demetrias monostigma
UKAN1897-23	NHMUK015081508	Notoxus monoceros
UKAN1898-23	NHMUK015081509	Fredegunda diluta
UKAN1899-23	NHMUK015081510	Gregopimpla inquisitor
UKAN1900-23	NHMUK015081511	Scambus brevicornis
UKAN1901-23	NHMUK015081512	Scambus nigricans
UKAN1902-23	NHMUK015081513	Schizopyga circulator
UKAN1903-23	NHMUK015081514	Tromatobia lineatoria
UKAN1904-23	NHMUK015081515	Itoplectis alternans
UKAN1905-23	NHMUK015081516	Itoplectis maculator
UKAN1906-23	NHMUK015081517	Pimpla contemplator
UKAN1907-23	NHMUK015081518	Pimpla spuria
UKAN1908-23	NHMUK015081519	Stilbops ruficornis
UKAN1909-23	NHMUK015081520	Stilbops vetula
UKAN1910-23	NHMUK015081521	Probles erythrostomus
UKAN1911-23	NHMUK015081523	Cryptops anomalans
UKAN1912-23	NHMUK015081524	Malachius bipustulatus
UKAN1913-23	NHMUK015081526	Cantharis rustica
UKAN1914-23	NHMUK015081528	Hermaeophaga mercurialis
UKAN1915-23	NHMUK015081529	Glomeris marginata
UKAN1916-23	NHMUK015081530	Tetragnatha
UKAN1917-23	NHMUK015081531	Tetragnatha pinicola
UKAN1918-23	NHMUK015081532	Reduviidae
UKAN1919-23	NHMUK015081533	Bradycellus verbasci
UKAN1920-23	NHMUK015081534	Cydalima perspectalis
UKAN1921-23	NHMUK015081535	Meconema meridionale
UKAN1922-23	NHMUK015081536	Alydus calcaratus
UKAN1923-23	NHMUK015081537	Anotylus rugosus
UKAN1924-23	NHMUK015081538	Cartodere bifasciata
UKAN1925-23	NHMUK015081539	Chilocorus renipustulatus
UKAN1926-23	NHMUK015081540	Cortinicara gibbosa
UKAN1927-23	NHMUK015081541	Orthops
UKAN1928-23	NHMUK015081542	Stethorus pusillus
UKAN1929-23	NHMUK015081543	Brachypterus urticae
UKAN1930-23	NHMUK015081544	Longitarsus luridus
UKAN1931-23	NHMUK015081545	Longitarsus rubiginosus
UKAN1932-23	NHMUK015081546	Rhyzobius chrysomeloides
UKAN1933-23	NHMUK015081547	Chrysopa
UKAN1934-23	NHMUK015081548	Heterogaster urticae

Process ID	Sample ID	Identification
UKAN1935-23	NHMUK015081549	Denticollis linearis
UKAN1936-23	NHMUK015081550	Pterostichus niger
UKAN1937-23	NHMUK015081551	Arcitalitrus dorrieni
UKAN1938-23	NHMUK015081552	Solva marginata
UKAN1939-23	NHMUK015081553	Liocoris tripustulatus
UKAN1940-23	NHMUK015081554	Arcitalitrus dorrieni
UKAN1941-23	NHMUK015082761	Ischiolepta pusilla
UKAN1942-23	NHMUK015082762	Chaetopodella scutellaris
UKAN1943-23	NHMUK015082763	Opacifrons coxata
UKAN1944-23	NHMUK015082764	Sphaerocera monilis
UKAN1945-23	NHMUK015082765	Chaetopodella scutellaris
UKAN1946-23	NHMUK015082766	Apteromyia claviventris
UKAN1947-23	NHMUK015082767	Spelobia parapusio
UKAN1948-23	NHMUK015082768	Sphaerocera monilis
UKAN1949-23	NHMUK015082769	Opacifrons coxata
UKAN1950-23	NHMUK015082770	Spelobia palmata
UKAN1951-23	NHMUK015082771	Copromyza stercoraria
UKAN1952-23	NHMUK015082772	Limosina silvatica
UKAN1953-23	NHMUK015082773	Spelobia clunipes
UKAN1954-23	NHMUK015082774	Spelobia clunipes
UKAN1955-23	NHMUK015082775	Pullimosina heteroneura
UKAN1956-23	NHMUK015082776	Spelobia palmata
UKAN1957-23	NHMUK015082777	Pseudocollinella humida
UKAN1958-23	NHMUK015082778	Limosina silvatica
UKAN1959-23	NHMUK015082779	Opalimosina liliputana
UKAN1960-23	NHMUK015082780	Opalimosina liliputana
UKAN1961-23	NHMUK015082781	Pullimosina heteroneura
UKAN1962-23	NHMUK015082782	Pullimosina heteroneura
UKAN1963-23	NHMUK015082783	Bifronsina bifrons
UKAN1964-23	NHMUK015082784	Pseudocollinella humida
UKAN1965-23	NHMUK015082785	Pullimosina vulgesta
UKAN1966-23	NHMUK015082786	Telomerina flavipes
UKAN1967-23	NHMUK015082787	Ischiolepta
UKAN1968-23	NHMUK015082788	Leptocera fontinalis
UKAN1969-23	NHMUK015082789	Ischiolepta pusilla
UKAN1970-23	NHMUK015082790	Spelobia manicata
UKAN1971-23	NHMUK015082791	Pullimosina vulgesta
UKAN1972-23	NHMUK015082792	Opalimosina mirabilis
UKAN1973-23	NHMUK015082793	Leptocera fontinalis
UKAN1974-23	NHMUK015082794	Spelobia luteilabris
UKAN1975-23	NHMUK015082795	Leptocera caenosa
UKAN1976-23	NHMUK015082796	Minilimosina
UKAN1977-23	NHMUK015082797	Telomerina flavipes
UKAN1978-23	NHMUK015082799	Pselaphochernes scorpioides
UKAN1979-23	NHMUK015082800	Aglaostigma aucupariae

Process ID	Sample ID	Identification
UKAN1980-23	NHMUK015082801	Adela reaumurella
UKAN1981-23	NHMUK015082802	Tenthredopsis coquebertii
UKAN1982-23	NHMUK015082803	Strongylogaster multifasciata
UKAN1983-23	NHMUK015082804	Bibio anglicus
UKAN1984-23	NHMUK015082805	Bibio marci
UKAN1985-23	NHMUK015082806	Liophloeus tessulatus
UKAN1986-23	NHMUK015082807	Miltogramma punctata
UKAN1987-23	NHMUK015082808	Rhingia campestris
UKAN1988-23	NHMUK015082809	Macrophya annulata
UKAN1989-23	NHMUK015082810	Gambrus carnifex
UKAN1990-23	NHMUK015082811	Agonum thoreyi
UKAN1991-23	NHMUK015082813	Scirtes hemisphaericus
UKAN1992-23	NHMUK015082814	Themira lucida
UKAN1993-23	NHMUK015082815	Themira superba
UKAN1994-23	NHMUK015082816	Syrphus ribesii
UKAN1995-23	NHMUK015082818	Silis ruficollis
UKAN1996-23	NHMUK015082819	Cantharis nigra
UKAN1997-23	NHMUK015082820	Chrysogaster solstitialis
UKAN1998-23	NHMUK015082821	Cixius nervosus
UKAN1999-23	NHMUK015082822	Monophadnoides rubi
UKAN2000-23	NHMUK015082823	Nemastoma bimaculatum
UKAN2001-23	NHMUK015082824	Diplazon laetatorius
UKAN2002-23	NHMUK015082825	Rhembobius quadrispinus
UKAN2003-23	NHMUK015082826	Sussaba pulchella
UKAN2004-23	NHMUK015082827	Pollenia griseotomentosa
UKAN2005-23	NHMUK015082829	Sciara humeralis
UKAN2006-23	NHMUK015082831	Promethes sulcator
UKAN2007-23	NHMUK015082832	Psylla alni
UKAN2008-23	NHMUK015082833	Psylla alni
UKAN2009-23	NHMUK015082834	Homotropus signatus
UKAN2010-23	NHMUK015082835	Elgiva solicita
UKAN2011-23	NHMUK015082836	Elgiva solicita
UKAN2012-23	NHMUK015082837	Tetanocera freyi
UKAN2013-23	NHMUK015082838	Paralimnus phragmitis
UKAN2014-23	NHMUK015082839	Chloriona smaragdula
UKAN2015-23	NHMUK015082841	Monochroa cytisella
UKAN2016-23	NHMUK015082842	Idaea fuscovenosa
UKAN2017-23	NHMUK015082843	Macrocentrus nitidus
UKAN2018-23	NHMUK015082844	Epinotia subocellana
UKAN2019-23	NHMUK015082845	Ilybius ater
UKAN2020-23	NHMUK015082846	Ilybius ater
UKAN2021-23	NHMUK015082847	Adalia decempunctata
UKAN2022-23	NHMUK015082848	Adalia decempunctata
UKAN2023-23	NHMUK015082849	Thereva bipunctata
UKAN2024-23	NHMUK015082850	Corticeus unicolor

Process ID	Sample ID	Identification
UKAN2025-23	NHMUK015082851	Polia nebulosa
UKAN2026-23	NHMUK015082852	Nephrotoma submaculosa
UKAN2027-23	NHMUK015082853	Hygrotus nigrolineatus
UKAN2028-23	NHMUK015082854	Phosphuga atrata
UKAN2029-23	NHMUK015082855	Cimbex femoratus
UKAN2030-23	NHMUK015082856	Ancistrocerus parietum
UKAN2031-23	NHMUK015082857	Apotomis lineana
UKAN2032-23	NHMUK015082858	Meromyza pratorum
UKAN2033-23	NHMUK015082860	Soronia grisea
UKAN2034-23	NHMUK015082862	Agriphila inquinatella
UKAN2035-23	NHMUK015082863	Habrosyne pyritoides
UKAN2036-23	NHMUK015082864	Paragus haemorrhous
UKAN2037-23	NHMUK015082865	Strophingia ericae
UKAN2038-23	NHMUK015082866	Javesella pellucida
UKAN2039-23	NHMUK015082868	Sepedon sphegea
UKAN2040-23	NHMUK015082869	Argyresthia brockeella
UKAN2041-23	NHMUK015082871	Hilara flavipes
UKAN2042-23	NHMUK015082873	Deraeocoris flavilinea
UKAN2043-23	NHMUK015082874	Oncopsis flavicollis
UKAN2044-23	NHMUK015082875	Bodilopsis rufa
UKAN2045-23	NHMUK015082877	Aplocera efformata
UKAN2046-23	NHMUK015082878	Mamestra brassicae
UKAN2047-23	NHMUK015082879	Epinotia brunnichana
UKAN2048-23	NHMUK015082880	Nephrotoma cornicina
UKAN2049-23	NHMUK015082881	Scambus brevicornis
UKAN2050-23	NHMUK015082882	Miltogramma germari
UKAN2051-23	NHMUK015082883	Matilella fusca
UKAN2052-23	NHMUK015082884	Acleris emargana
UKAN2053-23	NHMUK015082885	Clistopyga incitator
UKAN2054-23	NHMUK015082886	Curculio venosus
UKAN2055-23	NHMUK015082887	Tephritis vespertina
UKAN2056-23	NHMUK015082889	Diplazon laetatorius
UKAN2057-23	NHMUK015082890	Cryptocephalus pusillus
UKAN2058-23	NHMUK015082892	Alphitobius diaperinus
UKAN2059-23	NHMUK015082893	Bledius gallicus
UKAN2060-23	NHMUK015082898	Pithanus maerkelii
UKAN2061-23	NHMUK015082899	Macrosteles sexnotatus
UKAN2062-23	NHMUK015082900	Edwardsiana candidula
UKAN2063-23	NHMUK015082901	Kybos smaragdula
UKAN2064-23	NHMUK015082902	Eupeodes corollae
UKAN2065-23	NHMUK015082903	Neoascia tenur
UKAN2066-23	NHMUK015082904	Absyrtus vernalis
UKAN2067-23	NHMUK015082905	Limnephilus marmoratus
UKAN2068-23	NHMUK015082906	Chamaemyia aridella
UKAN2069-23	NHMUK015082908	Chamaemyia aridella

Process ID	Sample ID	Identification
UKAN2070-23	NHMUK015082910	Selandria serva
UKAN2071-23	NHMUK015082911	Stenodema calcarata
UKAN2072-23	NHMUK015082912	Cymus glandicolor
UKAN2073-23	NHMUK015082913	Cymus glandicolor
UKAN2074-23	NHMUK015082914	Philaenus spumarius
UKAN2075-23	NHMUK015082915	Oxybelus argentatus
UKAN2076-23	NHMUK015082916	Delia platura
UKAN2077-23	NHMUK015082917	Themira minor
UKAN2078-23	NHMUK015082918	Sepsis fulgens
UKAN2079-23	NHMUK015082920	Callitula pyrrhogaster
UKAN2080-23	NHMUK015082921	Erigone atra
UKAN2081-23	NHMUK015082922	Platypalpus clarandus
UKAN2082-23	NHMUK015082923	Gambrus carnifex
UKAN2083-23	NHMUK015082925	Coenosia femoralis
UKAN2084-23	NHMUK015082927	Endromopoda nigricoxis
UKAN2085-23	NHMUK015082928	Macropsis cerea
UKAN2086-23	NHMUK015082929	Kleidocerys resedae
UKAN2087-23	NHMUK015082930	Hilara fulvibarba
UKAN2088-23	NHMUK015082931	Melanum laterale
UKAN2089-23	NHMUK015082932	Glypta ceratites
UKAN2090-23	NHMUK015082933	Psammoecus bipunctatus
UKAN2091-23	NHMUK015082934	Cerapheles terminatus
UKAN2092-23	NHMUK015082935	Xyphosia miliaria
UKAN2093-23	NHMUK015082936	Psacadina verbekei
UKAN2094-23	NHMUK015082937	Elgiva solicita
UKAN2095-23	NHMUK015082938	Platycephala planifrons
UKAN2096-23	NHMUK015082940	Rhembobius quadrispinus
UKAN2097-23	NHMUK015082941	Stenus bimaculatus
UKAN2098-23	NHMUK015082942	Spanochaeta dorsalis
UKAN2099-23	NHMUK015082943	Leptogaster cylindrica
UKAN2100-23	NHMUK015082944	Dioctria baumhaueri
UKAN2101-23	NHMUK015082945	Notiphila riparia
UKAN2102-23	NHMUK015082947	Dryope decrepita
UKAN2103-23	NHMUK015082949	Macrosiphoniella artemisiae
UKAN2104-23	NHMUK015082951	Europiella artemisiae
UKAN2105-23	NHMUK015082952	Lonchoptera bifurcata
UKAN2106-23	NHMUK015082953	Sepsis fulgens
UKAN2107-23	NHMUK015082954	Platypalpus pallidiventris
UKAN2108-23	NHMUK015082955	Hybos femoratus
UKAN2109-23	NHMUK015082956	Dolichopus atripes
UKAN2110-23	NHMUK015082957	Atomaria gutta
UKAN2111-23	NHMUK015082958	Ischiolepta denticulata
UKAN2112-23	NHMUK015082959	Atheta ravilla
UKAN2113-23	NHMUK015082960	Phratora vitellinae
UKAN2114-23	NHMUK015082961	Aphthona lutescens

Process ID	Sample ID	Identification
UKAN2115-23	NHMUK015082962	Paradromius linearis
UKAN2116-23	NHMUK015082963	Scirtes hemisphaericus
UKAN2117-23	NHMUK015082964	Aspidapion radiolus
UKAN2118-23	NHMUK015082965	Lochmaea caprea
UKAN2119-23	NHMUK015082966	Tytthaspis sedecimpunctata
UKAN2120-23	NHMUK015082967	Bruchus loti
UKAN2121-23	NHMUK015082968	Chrysomela saliceti
UKAN2122-23	NHMUK015082969	Cordylepherus viridis
UKAN2123-23	NHMUK015082970	Solva marginata
UKAN2124-23	NHMUK015082971	Myrmecina graminicola
UKAN2125-23	NHMUK015082972	Athous haemorrhoidalis
UKAN2126-23	NHMUK015082973	Badister bullatus
UKAN2127-23	NHMUK015082974	Halyomorpha halys
UKAN2128-23	NHMUK015082975	Opilo mollis
UKAN2129-23	NHMUK015082976	Prionychus ater
UKAN2130-23	NHMUK015082977	Hoplia philanthus
UKAN2131-23	NHMUK015082978	Demetrias imperialis
UKAN2132-23	NHMUK015082979	Stenus
UKAN2133-23	NHMUK015082980	Cantharis rustica
UKAN2134-23	NHMUK015082981	Cantharis pellucida
UKAN2135-23	NHMUK015082982	Malthodes marginatus
UKAN2136-23	NHMUK015082983	Gastrophysa viridula
UKAN2137-23	NHMUK015082984	Ischnomera cyanea
UKAN2138-23	NHMUK015082985	Rhagonycha lignosa
UKAN2139-23	NHMUK015082986	Altica carinthiaca
UKAN2140-23	NHMUK015082987	Bruchus loti
UKAN2141-23	NHMUK015082989	Patrobus septentrionis
UKAN2142-23	NHMUK015082990	Neocrepidodera transversa
UKAN2143-23	NHMUK015082991	Malthodes
UKAN2144-23	NHMUK015082992	Otiorhynchus singularis
UKAN2145-23	NHMUK015082993	Longitarsus ganglbaueri
UKAN2146-23	NHMUK015082994	Micrelus ericae
UKAN2147-23	NHMUK015082995	Brachonyx pineti
UKAN2148-23	NHMUK015082996	Dorytomus melanophthalmus
UKAN2149-23	NHMUK015082997	Longitarsus luridus
UKAN2150-23	NHMUK015082998	Malthodes
UKAN2151-23	NHMUK015082999	Gonioctena olivacea
UKAN2152-23	NHMUK015083000	Andrion regensteinense
UKAN2153-23	NHMUK015083001	Patrobus assimilis
UKAN2154-23	NHMUK015083002	Euura myosotidis
UKAN2155-23	NHMUK015083005	Aradus depressus
UKAN2156-23	NHMUK015083006	Herina frondescentiae
UKAN2157-23	NHMUK015083007	Rhyzobius chrysomeloides
UKAN2158-23	NHMUK015083008	Oedemera lurida
UKAN2159-23	NHMUK015083009	Micropterix mansuetella

Process ID	Sample ID	Identification
UKAN2160-23	NHMUK015083010	Chrysopilus cristatus
UKAN2161-23	NHMUK015083011	Eristalinus sepulchralis
UKAN2162-23	NHMUK015083012	Ptychoptera contaminata
UKAN2163-23	NHMUK015083013	Pentastiridius leporinus
UKAN2164-23	NHMUK015083014	Ptinus sexpunctatus
UKAN2165-23	NHMUK015083015	Bibio johannis
UKAN2166-23	NHMUK015083017	Athalia cordata
UKAN2167-23	NHMUK015083019	Nysius ericae
UKAN2168-23	NHMUK015083020	Nabis ferus
UKAN2169-23	NHMUK015083021	Microchrysa polita
UKAN2170-23	NHMUK015083022	Pseudoscorpiones
UKAN2171-23	NHMUK015083023	Coleoptera
UKAN2172-23	NHMUK015083024	Pyrochroa serraticornis
UKAN2173-23	NHMUK015083025	Chrysolina bankii
UKAN2174-23	NHMUK015083026	Arge cyanocrocea
UKAN2175-23	NHMUK015083027	Helophilus pendulus
UKAN2176-23	NHMUK015083028	Selandria serva
UKAN2177-23	NHMUK015083029	Panorpa germanica
UKAN2178-23	NHMUK015083030	Empis tessellata
UKAN2179-23	NHMUK015083031	Dicranocephalus medius
UKAN2180-23	NHMUK015083032	Bombylius major
UKAN2181-23	NHMUK015083033	Bibio marci
UKAN2182-23	NHMUK015083034	Centrotus cornutus
UKAN2183-23	NHMUK015083035	Chrysolina americana
UKAN2184-23	NHMUK015083036	Chrysolina americana
UKAN2185-23	NHMUK015083037	Coccinella undecimpunctata
UKAN2186-23	NHMUK015083038	Lagria hirta
UKAN2187-23	NHMUK015083039	Amara tibialis
UKAN2188-23	NHMUK015083040	Pterostichus diligens
UKAN2189-23	NHMUK015083041	Platycephala planifrons
UKAN2190-23	NHMUK015083042	Platycephala planifrons
UKAN2191-23	NHMUK015083043	Dolichopus atratus
UKAN2192-23	NHMUK015083044	Euphylidorea meigenii
UKAN2193-23	NHMUK015083046	Parhelophilus versicolor
UKAN2194-23	NHMUK015083047	Eristalis horticola
UKAN2195-23	NHMUK015083048	Cheilosia vernalis
UKAN2196-23	NHMUK015083049	Elgiva cucularia
UKAN2197-23	NHMUK015083050	Cheilosia fraterna
UKAN2198-23	NHMUK015083052	Pipizella viduata
UKAN2199-23	NHMUK015083053	Cheilosia proxima
UKAN2200-23	NHMUK015083055	Platycheirus occultus
UKAN2201-23	NHMUK015083056	Platycheirus clypeatus
UKAN2202-23	NHMUK015083058	Eurimyia lineata
UKAN2203-23	NHMUK015083059	Neoascia tenur
UKAN2204-23	NHMUK015083061	Neoascia podagrica

Process ID	Sample ID	Identification
UKAN2205-23	NHMUK015083062	Lagria hirta
UKAN2206-23	NHMUK015083063	Tropidia scita
UKAN2207-23	NHMUK015083064	Beris vallata
UKAN2208-23	NHMUK015083066	Oxycera nigricornis
UKAN2209-23	NHMUK015083067	Pachygaster atra
UKAN2210-23	NHMUK015083069	Eristalis horticola
UKAN2211-23	NHMUK015083072	Melanostoma mellinum
UKAN2212-23	NHMUK015083074	Ophion variegatus
UKAN2213-23	NHMUK015083075	Stilbops vetula
UKAN2214-23	NHMUK015083076	Tromatobia lineatoria
UKAN2215-23	NHMUK015083077	Agriotypus armatus
UKAN2216-23	NHMUK015083078	Gelis rufogaster
UKAN2217-23	NHMUK015083079	Gelis rufogaster
UKAN2218-23	NHMUK015083080	Gelis areator
UKAN2219-23	NHMUK015083081	Tromatobia ovivora
UKAN2220-23	NHMUK015083082	Cymodusa declinator
UKAN2221-23	NHMUK015083083	Netelia inedita
UKAN2222-23	NHMUK015083084	Netelia cristata
UKAN2223-23	NHMUK015083085	Ichneumon
UKAN2224-23	NHMUK015083086	Ichneumon
UKAN2225-23	NHMUK015083087	Homolobus flagitator
UKAN2226-23	NHMUK015083088	Ichneumon terminatorius
UKAN2227-23	NHMUK015083089	Colpotrochia cincta
UKAN2228-23	NHMUK015083090	Cionus scrophulariae
UKAN2229-23	NHMUK015083091	Heterocerus fenestratus
UKAN2230-23	NHMUK015083092	Cryptocephalus pusillus
UKAN2231-23	NHMUK015083093	Cis bilamellatus
UKAN2232-23	NHMUK015083094	Litargus connexus
UKAN2233-23	NHMUK015083095	Cartodere bifasciata
UKAN2234-23	NHMUK015083096	Sphaeroderma testaceum
UKAN2235-23	NHMUK015083097	Donacia marginata
UKAN2236-23	NHMUK015083098	Cercyon lateralis
UKAN2237-23	NHMUK015083099	Brachypterus urticae
UKAN2238-23	NHMUK015083100	Enochrus fuscipennis
UKAN2239-23	NHMUK015083101	Cercyon convexiusculus
UKAN2240-23	NHMUK015083102	Protapion apricans
UKAN2241-23	NHMUK015083103	Ochthebius minimus
UKAN2242-23	NHMUK015083104	Polydrusus formosus
UKAN2243-23	NHMUK015083105	Ceutorhynchus pallidactylus
UKAN2244-23	NHMUK015083106	Hydrobius fuscipes
UKAN2245-23	NHMUK015083107	Cercyon tristis
UKAN2246-23	NHMUK015083108	Agonum thoreyi
UKAN2247-23	NHMUK015083109	Thryogenes nereis
UKAN2248-23	NHMUK015083110	Euphylidorea aperta
UKAN2249-23	NHMUK015083111	Molophilus occultus

Process ID	Sample ID	Identification
UKAN2250-23	NHMUK015083112	Neolimonia dumetorum
UKAN2251-23	NHMUK015083113	Diogma glabrata
UKAN2252-23	NHMUK015083114	Pilaria discicollis
UKAN2253-23	NHMUK015083115	Ptychoptera lacustris
UKAN2254-23	NHMUK015083116	Pilaria discicollis
UKAN2255-23	NHMUK015083117	Metalimnobia quadrinotata
UKAN2256-23	NHMUK015083118	Pyrophaena rosarum
UKAN2257-23	NHMUK015083119	Ptychoptera albimana
UKAN2258-23	NHMUK015083120	Molophilus appendiculatus
UKAN2259-23	NHMUK015083121	Cupido minimus
UKAN2260-23	NHMUK015083122	Philonthus
UKAN2261-23	NHMUK015083123	Nephrotoma flavescens
UKAN2262-23	NHMUK015083124	Tipulidae
UKAN2263-23	NHMUK015083125	Neoitamus cyanurus
UKAN2264-23	NHMUK015083126	Exomias araneiformis
UKAN2265-23	NHMUK015083127	Microrhagus pygmaeus
UKAN2266-23	NHMUK015083128	Helophorus brevipalpis
UKAN2267-23	NHMUK015083129	Stenus guttula
UKAN2268-23	NHMUK015083130	Stenus bifoveolatus
UKAN2269-23	NHMUK015083131	Euleia heraclei
UKAN2270-23	NHMUK015083133	Peplomyza litura
UKAN2271-23	NHMUK015083134	Neoascia interrupta
UKAN2272-23	NHMUK015083135	Xylota sylvarum
UKAN2273-23	NHMUK015083136	Pachygaster leachii
UKAN2274-23	NHMUK015083138	Rhagio lineola
UKAN2275-23	NHMUK015083139	Lamyra marginata
UKAN2276-23	NHMUK015083140	Pollenia
UKAN2277-23	NHMUK015083141	Chrysopilus asiliformis
UKAN2278-23	NHMUK015083143	Chrysogaster solstitialis
UKAN2279-23	NHMUK015083144	Odontomyia tigrina
UKAN2280-23	NHMUK015083145	Parhelophilus frutetorum
UKAN2281-23	NHMUK015083146	Colletes halophilus
UKAN2282-23	NHMUK015083147	Ichneumon insidiosus
UKAN2283-23	NHMUK015083148	Ichneumon ligatorius
UKAN2284-23	NHMUK015083149	Stenichneumon culpator
UKAN2285-23	NHMUK015083150	Ichneumon stramentarius
UKAN2286-23	NHMUK015083151	Cratichneumon viator
UKAN2287-23	NHMUK015083152	Aoplus ochropis
UKAN2288-23	NHMUK015083153	Trychosis tristator
UKAN2289-23	NHMUK015083154	Cosmoconus nigriventris
UKAN2290-23	NHMUK015083155	Lissonota lineolaris
UKAN2291-23	NHMUK015083156	Ichneumon gracilentus
UKAN2292-23	NHMUK015083157	Spilichneumon ammonius
UKAN2293-23	NHMUK015083158	Probolus culpatorius
UKAN2294-23	NHMUK015083159	Alomya debellator

Process ID	Sample ID	Identification
UKAN2295-23	NHMUK015083160	Ichneumon extensorius
UKAN2296-23	NHMUK015083161	Chasmias motatorius
UKAN2297-23	NHMUK015083162	Dusona
UKAN2298-23	NHMUK015083163	Aoplus ochropis
UKAN2299-23	NHMUK015083164	Agrypon minutum
UKAN2300-23	NHMUK015083165	Pimpla turionellae
UKAN2301-23	NHMUK015083166	Ichneumon confusor
UKAN2302-23	NHMUK015083167	Tryphon signator
UKAN2303-23	NHMUK015083168	Polytribax arrogans
UKAN2304-23	NHMUK015083169	Perithous divinator
UKAN2305-23	NHMUK015083170	Ichneumon validicornis
UKAN2306-23	NHMUK015083171	Ichneumon albiger
UKAN2307-23	NHMUK015083172	Ichneumon stramentarius
UKAN2308-23	NHMUK015083173	Ichneumon stramentarius
UKAN2309-23	NHMUK015083174	Rhyssa persuasoria
UKAN2310-23	NHMUK015083175	Ichneumon gracilentus
UKAN2311-23	NHMUK015083176	Ichneumon extensorius
UKAN2312-23	NHMUK015083177	Ichneumon oblongus
UKAN2313-23	NHMUK015134173	Syrphoctonus tarsatorius
UKAN2314-23	NHMUK015134174	Tymmophorus obscuripes
UKAN2315-23	NHMUK015134175	Tymmophorus obscuripes
UKAN2316-23	NHMUK015134176	Barichneumon chionomus
UKAN2317-23	NHMUK015134177	Chasmias motatorius
UKAN2318-23	NHMUK015134178	Cratichneumon culex
UKAN2319-23	NHMUK015134179	Cratichneumon flavifrons
UKAN2320-23	NHMUK015134180	Ichneumon albiger
UKAN2321-23	NHMUK015134181	Ichneumon confusor
UKAN2322-23	NHMUK015134182	Ichneumon extensorius
UKAN2323-23	NHMUK015134183	Ichneumon gracilicornis
UKAN2324-23	NHMUK015134184	Ichneumon insidiosus
UKAN2325-23	NHMUK015134185	Ichneumon oblongus
UKAN2326-23	NHMUK015134186	Ichneumon stramentor
UKAN2327-23	NHMUK015134187	Ichneumon suspiciosus
UKAN2328-23	NHMUK015134188	Pseudoamblyteles homocerus
UKAN2329-23	NHMUK015134189	Vulgichneumon bimaculatus
UKAN2330-23	NHMUK015134190	Vulgichneumon bimaculatus
UKAN2331-23	NHMUK015134191	Vulgichneumon saturatorius
UKAN2332-23	NHMUK015134192	Vulgichneumon suavis
UKAN2333-23	NHMUK015134193	Centeterus rubiginosus
UKAN2334-23	NHMUK015134194	Colpognathus celerator
UKAN2335-23	NHMUK015134195	Diadromus collaris
UKAN2336-23	NHMUK015134196	Dicaelotus pumilus
UKAN2337-23	NHMUK015134197	Dicaelotus ruficoxatus
UKAN2338-23	NHMUK015134198	Dirophanes regenerator
UKAN2339-23	NHMUK015134199	Epitomus infuscatus

Process ID	Sample ID	Identification
UKAN2340-23	NHMUK015134200	Oiorhinus pallipalpis
UKAN2341-23	NHMUK015134201	Mesochorus giberius
UKAN2342-23	NHMUK015134202	Triclistus globulipes
UKAN2343-23	NHMUK015134203	Gelis bicolor
UKAN2344-23	NHMUK015134204	Gelis fallax
UKAN2345-23	NHMUK015134205	Gelis meigenii
UKAN2346-23	NHMUK015134206	Gelis proximus
UKAN2347-23	NHMUK015134207	Gelis spurius
UKAN2348-23	NHMUK015134208	Gelis viduus
UKAN2349-23	NHMUK015134209	Phygadeuon trichops
UKAN2350-23	NHMUK015134210	Acrodactyla carinator
UKAN2351-23	NHMUK015134211	Acrodactyla carinator
UKAN2352-23	NHMUK015134212	Acrodactyla quadrisculpta
UKAN2353-23	NHMUK015134213	Endromopoda arundinator
UKAN2354-23	NHMUK015134214	Endromopoda arundinator
UKAN2355-23	NHMUK015134215	Endromopoda arundinator
UKAN2356-23	NHMUK015134216	Endromopoda arundinator
UKAN2357-23	NHMUK015134217	Endromopoda arundinator
UKAN2358-23	NHMUK015134233	Tersilochus terebrator
UKAN2359-23	NHMUK015134234	Cosmoconus meridionator
UKAN2360-23	NHMUK015134235	Dyspetes luteomarginatus
UKAN2361-23	NHMUK015134236	Tryphon signator
UKAN2362-23	NHMUK015134237	Tryphon trochanteratus
UKAN2363-23	NHMUK015134238	Polycelis nigra
UKAN2364-23	NHMUK015134239	Polycelis
UKAN2365-23	NHMUK015134240	Polycelis nigra
UKAN2366-23	NHMUK015134241	Polycelis nigra
UKAN2367-23	NHMUK015134242	Polycelis nigra
UKAN2368-23	NHMUK015134243	Polycelis nigra
UKAN2369-23	NHMUK015134244	Cornu aspersum
UKAN2370-23	NHMUK015134245	Ichneumon suspiciosus
UKAN2371-23	NHMUK015134246	Diadromus troglodytes
UKAN2372-23	NHMUK015134844	Anacharis eucharoides
UKAN2373-23	NHMUK015134845	Anacharis eucharoides
UKAN2374-23	NHMUK015134846	Anacharis immunis
UKAN2375-23	NHMUK015134847	Anacharis immunis
UKAN2376-23	NHMUK015134848	Anacharis eucharoides
UKAN2377-23	NHMUK015134849	Anacharis eucharoides
UKAN2378-23	NHMUK015134850	Chaetodactylus osmiae
UKAN2379-23	NHMUK015134851	Chaetodactylus osmiae
UKAN2380-23	NHMUK015134852	Chaetodactylus osmiae
UKAN2381-23	NHMUK015134853	Chaetodactylus osmiae
UKAN2382-23	NHMUK015112412	Alopecosa fabrilis
UKAN2383-23	NHMUK015112413	Gnaphosa leporina
UKAN2384-23	NHMUK015112414	Sibianor aurocinctus

Process ID	Sample ID	Identification
UKAN933-23	NHMUK013268765	Ceraclea dissimilis
UKAN934-23	NHMUK013268766	Rhyacophila dorsalis
UKAN935-23	NHMUK013268767	Lepidostoma hirtum
UKAN936-23	NHMUK013268768	Drusus annulatus
UKAN964-23	NHMUK013268796	Apatania wallengreni
UKAN965-23	NHMUK013268797	Philopotamus montanus
UKAN966-23	NHMUK013268798	Brachycentrus subnubilus
UKAN967-23	NHMUK013268799	Brachycentrus subnubilus
UKAN968-23	NHMUK013268800	Perlodes mortoni
UKAN969-23	NHMUK013438398	Sciaridae
UKAN970-23	NHMUK013438399	Sciaridae
UKAN971-23	NHMUK013438400	Sciaridae
UKAN972-23	NHMUK013438401	Sciaridae
UKAN973-23	NHMUK013438402	Sciaridae
UKAN974-23	NHMUK013438403	Sciaridae
UKAN975-23	NHMUK013438404	Sciaridae
UKAN976-23	NHMUK013438405	Sciaridae
UKAN977-23	NHMUK013438406	Sciaridae
UKAN978-23	NHMUK013438407	Sciaridae
UKAN979-23	NHMUK013438408	Sciaridae
UKAN980-23	NHMUK013438409	Sciaridae
UKAN981-23	NHMUK013438410	Sciaridae
UKAN982-23	NHMUK013438411	Sciaridae
UKAN983-23	NHMUK013438412	Sciaridae
UKAN984-23	NHMUK013438413	Chironomidae
UKAN985-23	NHMUK013438414	Chironomidae
UKAN986-23	NHMUK013438415	Chironomidae
UKAN987-23	NHMUK013438416	Chironomidae
UKAN988-23	NHMUK013438417	Chironomidae
UKAN989-23	NHMUK013438418	Chironomidae
UKAN990-23	NHMUK013438419	Chironomidae
UKAN991-23	NHMUK013438420	Chironomidae
UKAN992-23	NHMUK013438421	Chironomidae
UKAN993-23	NHMUK013438422	Chironomidae
UKAN994-23	NHMUK013438423	Chironomidae
UKAN995-23	NHMUK013438424	Chironomidae
UKAN996-23	NHMUK013438425	Chironomidae
UKAN997-23	NHMUK013438426	Chironomidae
UKAN998-23	NHMUK013438427	Chironomidae
UKAN999-23	NHMUK013438428	Chironomidae

Appendix 2 – Summary of genome skim specimens processed in 2022-23

Table 3: Summary of genome skim specimens processed in 2022-23.

Catalogue No.	No. of reads	Phylum	Class	Order	Family	Taxon name
NHMUK015134162	96,427,966	Arthropoda	Arachnida	Araneae	Eresidae	Eresus sandaliatus
NHMUK015134163	47,503,228	Arthropoda	Arachnida	Araneae	Linyphiidae	Meioneta mollis
NHMUK015134164	32,116,736	Arthropoda	Arachnida	Araneae	Linyphiidae	Midia midas
NHMUK015134165	13,375,676	Arthropoda	Arachnida	Araneae	Linyphiidae	Monocephalus castaneipes
NHMUK015134166	61,535,598	Arthropoda	Arachnida	Araneae	Linyphiidae	Praestigia duffeyi
NHMUK015134167	15,889,618	Arthropoda	Arachnida	Araneae	Linyphiidae	Semljicola caliginosus
NHMUK015134168	59,906,868	Arthropoda	Arachnida	Araneae	Linyphiidae	Tapinocyba mitis
NHMUK015134169	172,074,740	Arthropoda	Arachnida	Araneae	Lycosidae	Arctosa fulvolineata
NHMUK015134170	17,298,482	Arthropoda	Arachnida	Araneae	Philodromidae	Philodromus fallax
NHMUK015134171	38,714,286	Arthropoda	Arachnida	Araneae	Salticidae	Sitticus caricis
NHMUK015134172	34,317,558	Arthropoda	Arachnida	Araneae	Salticidae	Sitticus distinguendus

Catalogue No.	No. of reads	Phylum	Class	Order	Family	Taxon name
NHMUK014598871	20,574,316	Arthropoda	Insecta	Coleoptera	Brentidae	Exapion genistae
NHMUK014598868	40,042,578	Arthropoda	Insecta	Coleoptera	Carabidae	Amara fusca
NHMUK014598869	20,771,690	Arthropoda	Insecta	Coleoptera	Carabidae	Bembidion humerale
NHMUK014598870	24,558,382	Arthropoda	Insecta	Coleoptera	Carabidae	Bracteon argenteolum
NHMUK014598882	23,051,416	Arthropoda	Insecta	Coleoptera	Carabidae	Lebia cyanocephala
NHMUK014598878	20,003,376	Arthropoda	Insecta	Coleoptera	Carabidae	Philorhizus quadrisignatus
NHMUK014598877	19,644,360	Arthropoda	Insecta	Coleoptera	Carabidae	Philorhizus vectensis
NHMUK014598873	8,217,754	Arthropoda	Insecta	Coleoptera	Chrysomelidae	Cryptocephalus decemmaculatus
NHMUK014598874	18,749,270	Arthropoda	Insecta	Coleoptera	Chrysomelidae	Cryptocephalus exiguus
NHMUK015134115	26,255,378	Arthropoda	Insecta	Coleoptera	Megalopodidae	Zeugophora flavicollis
NHMUK015134116	14,985,480	Arthropoda	Insecta	Coleoptera	Megalopodidae	Zeugophora flavicollis
NHMUK015134117	9,668,536	Arthropoda	Insecta	Coleoptera	Megalopodidae	Zeugophora frontalis
NHMUK014598875	18,622,106	Arthropoda	Insecta	Coleoptera	Staphylinidae	Meotica anglica

Catalogue No.	No. of reads	Phylum	Class	Order	Family	Taxon name
NHMUK014598876	22,652,006	Arthropoda	Insecta	Coleoptera	Staphylinidae	Stenus longitarsis
NHMUK015134834	12,834,410	Arthropoda	Insecta	Diptera	Chloropidae	Lipara similis
NHMUK010629024	21,385,426	Arthropoda	Insecta	Diptera	Dolichopodidae	Campsicnemus magius
NHMUK015134835	13,200,270	Arthropoda	Insecta	Diptera	Dolichopodidae	Dolichopus laticola
NHMUK010210567	12,113,238	Arthropoda	Insecta	Diptera	Dolichopodidae	Dolichopus nigripes
NHMUK010731093	7,031,364	Arthropoda	Insecta	Diptera	Drosophilidae	Phortica variegata
NHMUK015134836	17,178,032	Arthropoda	Insecta	Diptera	Empididae	Empis limata
NHMUK015134837	10,877,682	Arthropoda	Insecta	Diptera	Limoniidae	Gnophomyia elsneri
NHMUK010863265	33,102,982	Arthropoda	Insecta	Diptera	Limoniidae	Idiocera sexguttata
NHMUK015134838	40,793,972	Arthropoda	Insecta	Diptera	Limoniidae	Lipsothrix nervosa
NHMUK015134839	28,381,716	Arthropoda	Insecta	Diptera	Limoniidae	Lipsothrix nobilis
NHMUK015134840	23,255,008	Arthropoda	Insecta	Diptera	Limoniidae	Rhabdomastix japonica
NHMUK015134841	25,467,910	Arthropoda	Insecta	Diptera	Pipunculidae	Dorylomorpha clavifemora

Catalogue No.	No. of reads	Phylum	Class	Order	Family	Taxon name
NHMUK015134842	21,392,708	Arthropoda	Insecta	Diptera	Stratiomyidae	Odontomyia hydroleon
NHMUK012531778	14,639,972	Arthropoda	Insecta	Diptera	Syrphidae	Callicera spinolae
NHMUK012534272	20,378,688	Arthropoda	Insecta	Diptera	Syrphidae	Myolepta potens
NHMUK015134843	48,773,784	Arthropoda	Insecta	Diptera	Therevidae	Cliorismia rustica
NHMUK015046273	21,251,736	Arthropoda	Insecta	Diptera	Ulidiidae	Dorycera graminum
NHMUK015134111	24,699,010	Arthropoda	Insecta	Hemiptera	Cicadellidae	Chlorita viridula
NHMUK015134112	22,139,832	Arthropoda	Insecta	Hemiptera	Cicadellidae	Erotettix cyane
NHMUK015134113	30,186,280	Arthropoda	Insecta	Hemiptera	Saldidae	Saldula setulosa
NHMUK015134114	35,345,760	Arthropoda	Insecta	Hemiptera	Tingidae	Physatocheila smreczynskii
BM001216778	76,550,418	Charophyta	Charophyceae	Charales	Characeae	Chara aculeolata
BM001216797	21,952,596	Charophyta	Charophyceae	Charales	Characeae	Chara aculeolata
BM001216809	40,550,804	Charophyta	Charophyceae	Charales	Characeae	Chara aculeolata
BM000772721	139,161,734	Charophyta	Charophyceae	Charales	Characeae	Chara aspera

Catalogue No.	No. of reads	Phylum	Class	Order	Family	Taxon name
BM013739314	434,272,808	Charophyta	Charophyceae	Charales	Characeae	Chara aspera subinermis
BM013739326	167,343,440	Charophyta	Charophyceae	Charales	Characeae	Chara aspera subinermis
BM000840420	147,569,602	Charophyta	Charophyceae	Charales	Characeae	Chara braunii
BM000519864	23,477,438	Charophyta	Charophyceae	Charales	Characeae	Chara curta
BM000772366	179,568,262	Charophyta	Charophyceae	Charales	Characeae	Chara curta
BM000772419	27,411,358	Charophyta	Charophyceae	Charales	Characeae	Chara curta
BM000840484	19,978,610	Charophyta	Charophyceae	Charales	Characeae	Nitella capillaris
BM013828597	97,520,600	Charophyta	Charophyceae	Charales	Characeae	Nitella confervacea
BM000772579	38,162,680	Charophyta	Charophyceae	Charales	Characeae	Nitella flexilis
BM013735454	408,479,494	Charophyta	Charophyceae	Charales	Characeae	Nitella flexilis
BM013735455	250,545,340	Charophyta	Charophyceae	Charales	Characeae	Nitella flexilis
BM013735541	93,880,914	Charophyta	Charophyceae	Charales	Characeae	Nitella flexilis crassa
BM013735550	16,269,074	Charophyta	Charophyceae	Charales	Characeae	Nitella flexilis fryeri

Catalogue No.	No. of reads	Phylum	Class	Order	Family	Taxon name
BM000840461	242,102,236	Charophyta	Charophyceae	Charales	Characeae	Nitella gracilis
BM013828600	91,966,514	Charophyta	Charophyceae	Charales	Characeae	Nitella gracilis
BM013844213	48,618,582	Charophyta	Charophyceae	Charales	Characeae	Nitella gracilis
BM013735566	51,564,814	Charophyta	Charophyceae	Charales	Characeae	Nitella mucronata
BM013735581	567,045,172	Charophyta	Charophyceae	Charales	Characeae	Nitella mucronata
BM013735612	18,657,524	Charophyta	Charophyceae	Charales	Characeae	Nitella mucronata
BM000772685	206,254,900	Charophyta	Charophyceae	Charales	Characeae	Nitella mucronata gracillima
BM013735640	17,685,018	Charophyta	Charophyceae	Charales	Characeae	Nitella mucronata heteromorpha
BM000772585	40,074,594	Charophyta	Charophyceae	Charales	Characeae	Nitella opaca
BM013735917	184,956,334	Charophyta	Charophyceae	Charales	Characeae	Nitella opaca
BM013738463	41,179,516	Charophyta	Charophyceae	Charales	Characeae	Nitella opaca attenuata
BM013738447	43,918,518	Charophyta	Charophyceae	Charales	Characeae	Nitella opaca brachyclema
BM013738450	178,809,740	Charophyta	Charophyceae	Charales	Characeae	Nitella opaca brachyclema

Catalogue No.	No. of reads	Phylum	Class	Order	Family	Taxon name
BM001216643	121,471,314	Charophyta	Charophyceae	Charales	Characeae	Nitella spanioclema
BM000610319	115,386,340	Charophyta	Charophyceae	Charales	Characeae	Nitella tenuissima
BM000772678	62,739,118	Charophyta	Charophyceae	Charales	Characeae	Nitella translucens
BM000772457	18,745,310	Charophyta	Charophyceae	Charales	Characeae	Nitellopsis obtusa
BM013844691	9,924,332	Charophyta	Charophyceae	Charales	Characeae	Tolypella glomerata
BM000773335	67,175,846	Charophyta	Charophyceae	Charales	Characeae	Tolypella intricata
BM000806477	88,176,398	Charophyta	Charophyceae	Charales	Characeae	Tolypella prolifera

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