INFORMIX DATABASES

INTRODUCTION

The Informix database was used by the Greater London Environmental Archaeology Service (GLEAS) during the 1980s to record environmental archaeological data. At the time of first processing (March 2002), eight separate databases were present on the Informix machine:

Name used in this document	Number of rows/bytes of data (approx)
Bib	806 / 130k
Botany	40451 / 1994k
Sites	77568 / 4643k
Big	0 / 0k
Cat	30048 / 527k
Soil_samp	1549 / 54k
Duadev	14 / 0.7k
Bones	303715 / 9323k

In turn, each database contained a number of tables:

Name used in this document	Number of tables
Bib	1
Botany	14
Sites	35
Big	0
Cat	5
Soil_samp	1
Duadev	1
Bones	66

During the reprocessing of this archive, a number of tables were identified as containing data derived from the primary records and consequently have been excluded from this edition. In addition, tables containing no data, duplicate data or non-archive data have also been excluded.

In addition to the data tables, the databases contained an equivalent number of forms employed to access and enter data. These forms are discussed in the documentation accompanying first processing (available on request), but excluded from the current document.

Database tables and fields

For each table that exists in a database, information is presented as shown below:

Table: the_table_name				
Field	**Field Description**	**Type**	**Size**	**Flags**
A_field_name	Field Description	A_field_type	Approx_size	Flags

Field This is the name assigned to the column at table creation. It is a string.

Field Description	An explanation of field content if required. Fields left blank without a description are self explanatory. Unknown field descriptions are indicated by '?'.
Type	This is one of the following types: "Int" – an integer number (eg 2). "Signed Int" – a signed integer number (eg –2). "Float" – a floating point number (eg –2.34) "Char" – a string of characters (eg "hello").
Size	This is the number of characters/digits to be stored, not counting decimal points or sign indicators.
Flags	The following flags are used: "IX" – this column is indexed. "PK" – this column has a unique index "NN" – this column does not allow null values

Code tables

The data contains a significant proportion of coded information. These codes, plus expansions, are presented as a second series of tables. Commonly, codes are applicable across a range of data tables (e.g., plant codes apply to many tables in the botany 'database'). Where codes only apply to a specific table this is clearly indicated. Every attempt has been made to provide expansions for the codes that appear in the data, but if you have a query about any remaining undocumented codes, please contact the LAARC Archaeological Records (Digital) Officer. Consultation of the relevant paper archive(s) is also strongly advised when utilising Informix digital data.

The structure of this document

This document follows the structure of the original Informix database, in that each information type is discussed in turn. Field descriptions precede code expansions in all instances.

1.0 BIB DATABASE

This table contains bibliographic information compiled by GLEAS staff and is not included in this dissemination version of the Informix databases archive.

2.0 BOTANY DATABASE

2.1 Tables

2.1.1 arch_data

Table: arch_data				
Field	**Field Description**	**Type**	**Size**	**Flags**
sample_code	Sample ID	Int	10	PK,NN
site_code	Project ID	Char	10	IX,NN
area	Project area	Char	10	
contex	Context	Signed Int	10	IX,NN
sample_no	Sample number	Char	5	IX
Period	Archaeological period	Char	10	IX
phase	Project phase	Char	5	
sub_phase	Project sub-phase	Char	5	
date_sampled	(mm/dd/yyyy)	Date	10	
feature_type	Archaeological feature	Char	4	
Weight_of_soil	(grams)	Signed Int	10	
Volume_of_soil	(cubic cm – litre/1000)	Signed Int	10	
vol_subsamp	(in litres)	Signed Int	10	
soil_type	Type of soil	Char	6	
modern_contam	Modern contamination	Char	3	
prop_whole_context	Proportion of whole context (provided as a percentage)	Signed Int	5	
Weight_of_flot	(in grams)	Signed Int	10	
volume_of_flot	(cubic cm – litre/1000)	Signed Int	10	
volume_sorted_flot	(cubic cm's)	Signed Int	10	
mesh_size	(in μm 1mm =1000)	Signed Int	10	
processing*	Administrative Information- (initials of processor)	Char	5	
Sorter	Administrative Information (initials of sorter)	Char	5	
identifier	Administrative Information (initials of identifier)	Char	3	

store	Administrative Information (storage location of sample)	Char	10	
Shelf	Administrative Information (shelf location of sample)	Char	10	
project* *	Administrative Information	Signed Int	10	IX

* This field sometimes also includes information relating to the processing method rather than the initials of the processor, e.g. 'flot'.

* * This field contains a series of numbers between 1 and 10. It is unclear what projects these numbers refer to.

2.1.2 cont_area

Table: cont_area				
Field	**Field Description**	**Type**	**Size**	**Flags**
analtaxa	Taxonomic unit	Signed Int	10	
context	Context	Signed Int	10	
samplenum	Sample ID	Char	5	
fullname	Plant name(s) including qualifiers	Char	35	
QUAL	Identification status qualifier(s)			
QUAL_NAME	Plant name implied by qualifier			

2.1.3 cont_fea

Table: cont_fea				
Field	**Field Description**	**Type**	**Size**	**Flags**
analtaxa	Taxonomic unit	Signed Int	10	
context	Context	Signed Int	10	
samplenum	Sample ID	Char	5	
fullspname	Plant name(s) including qualifiers	Char	35	
feature	Archaeological feature	Char	4	

2.1.4 cont_phase

Table: cont_phase				
Field	**Field Description**	**Type**	**Size**	**Flags**
analtaxa	Taxanomic unit	Signed Int	10	
context		Signed Int	10	
samplenum	Sample number	Char	5	
fullspname	Full species name	Char	35	
phase		Char	4	

Note: 'cont_area', 'cont_fea' and 'cont_phase' only contain data relating to site code **NRF88**.

2.1.5 *feataxa*

Table: feataxa				
Field	**Field Description**	**Type**	**Size**	**Flags**
analtaxa	Taxonomic unit	Signed Int	10	
Fullname	Plant name(s) including qualifiers	Char	35	
feature	Archaeological feature	Char	4	

2.1.6 *habitat_use*

Table: habitat_use				
Field	**Field Description**	**Type**	**Size**	**Flags**
HABITAT_USE_CODE	Record ID	Int	10	PK,NN
TAXA_NUMBER	Taxa ID	Signed Int	10	IX
ANAL_TAXA	Taxonomic unit	Signed Int	10	
PLANT_CODE	Plant code	Char	15	IX
STATUS_ALL*	Identification status plus displaced special feature data	Char	5	IX
STATUS	Identification status			
SPECIAL_FEATURE	Indication of any particular points of consideration			
NAME1	Order	Char	35	
NAME2	Full species name	Char	35	
SILLY_NAME	English name	Char	35	
HU_CODE	Habitat Use Code	Char	10	
ANAL_GRP	Analytical group	Char	10	
NATIVE	Indication of plant source / introduction	Char	5	
PERENIALITY	Indication of plant seasonality	Char	2	
HABITAT_PREFERENCE	Preferred habitat	Char	30	
POTENTIAL_USE_1	Potential plant use	Char	?	
POTENTIAL_USE_2	Potential plant use	Char	?	
POTENTIAL_USE_3	Potential plant use	Char	?	

* This field originally contained multiple data entries. The original field has been left in place, but has also been atomised (differentiated through the use of numerical suffixes) to facilitate analysis.

2.1.7 *quali*

Table: quali				
Field	**Field Description**	**Type**	**Size**	**Flags**
Qual_code	Record ID	Int	10	PK,NN
site_code	Project ID	Char	10	NN
contex	Context	Signed Int	10	IX,NN
sample_no	Sample ID	Char	5	
plant_code	Plant Code	Char	15	
status	Indication of identification status	Char	5	
special_feat	Indication of particular features to be considered	Char	5	
number_of_parts	Number of particular plant parts in sample	Char	5	
Estimate	Number of plant parts: estimated (E) or real (R)	Char	1	
part_of_plant	Part of plant recovered	Char	10	
mode_preservation	How preserved	Char	1	NN
degree_charring	Extent of charring	Char	1	
degree_preserv *	Extent of preservation	Char	1	
Intact	Sample intact (yes/ no)	Char	1	
Frags	Fragments also (yes/ no)	Char	1	
Comment	Comments	Char	20	

* A number between 1 and 6 was assigned for 'extent of preservation', but no documentation has been located to date which indicates whether 1= best preserved or 6 = best preserved.

2.1.8 *seednum*

Table: seednum				
Field	**Field Description**	**Type**	**Size**	**Flags**
context	Context Identifier	Signed Int	10	
samplenum	Sample identifier	Char	5	
analtaxa	Taxonomic unit	Signed Int	10	
seedno	Number of seeds	Char	5	
fullspname	Plant name(s) including qualifiers	Char	35	

Note: this table only contains data for site code **BIG82**.

2.2 Botany Codes

The following tables present the codes, with expansions, employed in the tables of the botany tables Informix database. Unless otherwise indicated the codes apply to a number of tables.

2.2.1 *Plant codes*

PLANT_CODE	STATUS	LATIN_NAME	COMMON_NAME AND PLANT_PART	HABITAT_USE _CODE	PLANT_FAMILY	TAXA_NUMBER
ABIAL	_	Abies alba Miller	silver fir		PINACEAE	3500
ACE	#	Acer sp.	sycamore/maple		ACERACEAE	193600
ACH	#/	cf. Achillea sp.	sneezewort/yarrow	CDE	COMPOSITAE	521500
AEG	#	Aegilops sp.		ABD	GRAMINAE	665600
AESHI	_	Aesculus hippocastanum L.	horse chestnut		HIPPOCASTANACEAE	193700
AETCY	_	Aethusa cynapium L.	fool's parsley	A	UMBELLIFERAE	295001
AETCY	//	cf. Aethusa cynapium	fool's parsley	A	UMBELLIFERAE	295100
AGR	#/	cf. Agrostis sp.	bent-grass	ABCD	GRAMINEAE	700000
AGR	!#	Agrostis type	bent-grass	ABCD	GRAMINEAE	700500
AGR	!/	cf. Agrostis sp. type	bent-grass	ABCD	GRAMINEAE	701000
AGRGI	_	Agrostemma githago L.	corn cockle	AB	CARYOPHYLLACEAE	100000
AGRGI	//	cf. Agrostemma githago	corn cockle	AB	CARYOPHYLLACEAE	101000
AJU	#/	cf. Ajuga sp.	bugle	ACDEG	LABIATAE	471000
ALC	#/	cf. Alchemilla sp.	Lady's mantle	CD	ROSACEAE	253000
ALCVU	/	Alchemilla cf.vulgaris agg.	Lady's mantle	CDE	ROSACEAE	252000
ALI	#	Alisma sp.	water-plantain	E	ALISMATACEAE	594000
ALI	##	Alisma spp.	water-plantain	E	ALISMATACEAE	595000
ALILAGR	#	Alisma sp.L.	water-plantain	E	ALISMATACEAE	593000
ALIPL	_	Alisma plantago-aquatica L.	water-plantain	EG	ALISMATACEAE	591000
ALIPL	/	Alisma cf. plantago-aquatica L.	water-plantain	EG	ALISMATACEAE	592000
ALIS	~	Alismataceae indet.	-	E	ALISMATACEAE	596000
ALNGLIN	!	Alnus glutinosa/incana	alder/grey alder		BETULACEAE	403100
AMA	#/	cf. Amaranthus sp.	-	-	CF. AMARANTHACEAE	150000
ANAAR	_	Anagallis arvensis L.	scarlet pimpernel	AG	PRIMULACEAE	406500
ANAAR	//	cf. Anagallis arvensis	scarlet pimpernel	AG	PRIMULACEAE	406700
ANAARMITE	!	Anagallis sp.	pimpernel	ADEG	PRIMULACEAE	407000
ANEGR	_	Anethum graveolens L.	dill	BFGI	UMBELLIFERAE	297001
ANEGR	//	cf. Anethum graveolens	dill	BFGI	UMBELLIFERAE	297100
ANTAR	_	Anthemis arvensis L.	corn chamomile	ABGH	COMPOSITAE	517000
ANTARCO	!	Anthemis arvensis/cotula	mayweed/chamomile	ABGH	COMPOSITAE	518000
ANTARCOTI	!	Anthemis sp.	mayweed/chamomile	ABGH	COMPOSITAE	519000
ANTARCOTI	!/	cf. Anthemis sp.	mayweed/chamomile	ABGH	COMPOSITAE	520000

ANTCA	_	Anthriscus caucalis Bieb.	bur chervil	BCD	UMBELLIFERAE	281500
ANTCHR	!#	Anthemis/Chrysanthemum sp.	-	ABD	COMPOSITAE	532000
ANTCO	_	Anthemis cotula L.	stinking mayweed	ABGH	COMPOSITAE	514000
ANTCO	_HD	Anthemis cotula L.	stk.mayweed seed head	ABGH	COMPOSITAE	514010
ANTCO	/	Anthemis cf. cotula	stinking mayweed	ABGH	COMPOSITAE	515000
ANTCO	//	cf. Anthemis cotula	stinking mayweed	ABGH	COMPOSITAE	516000
ANTSY	_	Anthriscus sylvestris (L.) Hoffm.	Cow Parsley	BC	UMBELLIFERAE	281510
APHAR	_	Aphanes arvensis agg.	parsley piert	ABD	ROSACEAE	254000
APHAR	//	cf. Aphanes arvensis agg.	parsley piert	ABD	ROSACEAE	255000
API	#	Apium sp.	-	EFI	UMBELLIFERAE	300900
API	#/	cf. Apium sp.	-	EFI	UMBELLIFERAE	301010
API	##/	cf. Apium spp.	-	EFI	UMBELLIFERAE	301100
API	!#	Apium sp. type	-	EFI	UMBELLIFERAE	301200
APIBER	!#	Apium/Berula sp.	-	EFI	UMBELLIFERAE	301300
APIGR	_	Apium graveolens L.	celery	EFI	UMBELLIFERAE	300001
APIGR	/	Apium cf. graveolens	celery	EFI	UMBELLIFERAE	300010
APIGR	//	cf. Apium graveolens	celery	EFI	UMBELLIFERAE	300100
APIIN	/	Apium cf.inundatum	-	E	UMBELLIFERAE	300600
APIIN	//	cf. Apium inundatum	-	E	UMBELLIFERAE	300700
APIINNO	!	Apium inundatum/nodiflorum	- /fool's watercress	E	UMBELLIFERAE	300800
APINO	_	Apium nodiflorum (L.)Lag.	fool'watercress	E	UMBELLIFERAE	300200
APINO	/	Apium cf. nodiflorum	fool'watercress	E	UMBELLIFERAE	300300
APINO	//	cf. Apium nodiflorum	fool'watercress	E	UMBELLIFERAE	300400
APINOGR	!	Apium graveolens/nodiflorum	wild celery/fool's watercress	E	UMBELLIFERAE	300500
AQUVU	_	Aquilegia vulgaris L.	columbine	CEGI	RANUNCULACEAE	26500
ARC	#	Arctium sp.	burdock	BCD	COMPOSITAE	537000
ARCLA	_	Arctium lappa L.	great burdock	B(D)	COMPOSITAE	534000
ARCLA	//	cf. Arctium lappa	great burdock	B(D)	COMPOSITAE	535000
ARCMI	_	Arctium minus Bernh.	lesser burdock	BC	COMPOSITAE	535150
ARCMI	/	Arctium cf. minus	lesser burdock	BC	COMPOSITAE	535200
ARCMILA	#	Arctium sp.	burdock	BCD	COMPOSITAE	536000
ARE	#/	cf. Arenaria sp.	sandwort	ABD	CARYOPHYLLACEAE	140000

ARECER	!//	Arenaria/Cerastium sp.	sandwort/chickweed	ABCD	CARYOPHYLLACEAE	141000
ARELE	_	Arenaria leptoclados (Rchb.)Guss	lesser thyme-leaved sandwort	AB	CARYOPHYLLACEAE	136000
ARELE	/	Arenaria cf. leptoclados	lesser thyme-leaved sandwort	AB	CARYOPHYLLACEAE	136100
ARELE	//	cf. Arenaria leptoclados	lesser thyme-leaved sandwort	AB	CARYOPHYLLACEAE	137000
ARESE	_	Arenaria serpyllifolia L.	thyme-leaved sandwort	ABD	CARYOPHYLLACEAE	134000
ARESE	/	Arenaria cf. serpyllifolia	thyme-leaved sandwort	ABD	CARYOPHYLLACEAE	135000
ARESELE	!	Arenaria serpyllifolia/leptoclades	thyme-leaved sandwort	ABD	CARYOPHYLLACEAE	138000
ARESELE	!//	cf.Arenaria serpyllifolia/leptoclad	thyme-leaved sandwort	ABD	CARYOPHYLLACEAE	139000
ARREL	_	Arrhenatherum elatius (L.)Beauv.	false oat-grass/onion couch	D	GRAMINEAE	680000
ARREL	//	cf. Arrhenatherum elatius	false oat-grass/onion couch	D	GRAMINEAE	681000
ART	#	Artemisia sp.	mugwort etc.	BCGH	COMPOSITAE	533000
ART	#/	cf. Artemisia sp.	mugwort etc.	BCGH	COMPOSITAE	533500
ARTAB	_	Artemisia absinthium L.	wormwood	BGH	COMPOSITAE	532700
ASPGAL	!#	Galium/Asperula sp.	bedstraw/woodruff	ABCDEG	RUBIACEAE	490000
ASPGAL	!#/	cf. Galium/Asperula sp.	bedstraw/woodruff	ABCDEG	RUBIACEAE	491000
ATR	#	Atriplex sp.	orache	ABFGH	CHENOPODIACEAE	176000
ATR	##	Atriplex spp.	oraches	ABFGH	CHENOPODIACEAE	177000
ATR	#/	cf. Atriplex sp.	orache	ABFGH	CHENOPODIACEAE	178000
ATR	##/	cf. Atriplex spp.	oraches	ABFGH	CHENOPODIACEAE	179000
ATRBE	_	Atropa bella-donna L.	Deadly Nightshade	CG	SOLANACEAE	412000
ATRCHE	!#	Chenopodium/Atriplex sp.	goosefoots/oraches	ABFGH	CHENOPODIACEAE	179500
ATRCHE	!##	Chenopodium/Atriplex spp.	goosefoots/oraches	ABFGH	CHENOPODIACEAE	179600
ATRHAPA	!	Atriplex hastata/patula	orache	ABFGH	CHENOPODIACEAE	173000
ATRHAPA	!/	Atriplex cf. hastata/patula	orache	ABFGH	CHENOPODIACEAE	174000
ATRHAPA	!//	cf.Atriplex hastata/patula	orache	ABFGH	CHENOPODIACEAE	175000
AVE	#	Avena sp.	oat	AFI	GRAMINEAE	840
AVE	#FL	Avena sp.	oat floret	AFI	GRAMINEAE	845
AVE	#A	Avena sp.	oat awn	AFI	GRAMINEAE	850
AVE	#/	cf. Avena sp.	oat	AFI	GRAMINEAE	860
AVE	#/FL	cf. Avena sp.	oat floret	AFI	GRAMINEAE	865

AVE	#/A	cf. Avena sp.	oat awn	AFI	GRAMINEAE	870
AVE	#!	Avena sp. type	oat	AFI	GRAMINEAE	880
AVEBRO	!#	Avena/Bromus sp.	oat/brome grass	ABCDFI	GRAMINEAE	670000
AVEBRO	!#/	cf. Avena/Bromus sp.	oat/brome grass	ABCDFI	GRAMINEAE	671000
AVEBRO	!##	Avena/Bromus spp.	oat/brome grasses	ABCDFI	GRAMINEAE	672000
AVEFALU	!	Avena fatua/ludoviciana	wild oat	A	GRAMINEAE	668000
AVEFALU	!FL	Avena fatua/ludoviciana	wild oat floret	A	GRAMINEAE	669000
AVEHOR	!#	Avena/Hordeum sp.	oat/barley	AFI	GRAMINEAE	910
AVEHOR	!#FL	Avena/Hordeum sp.	oat/barley floret	AFI	GRAMINEAE	912
AVEHOR	!##/	cf. Avena/Hordeum spp.	oat/barley	AFI	GRAMINEAE	915
AVEHORSECT	!#	Cerealia	indet. cereal	FI	GRAMINEAE	935
AVEHORSECT	!##	Cerealia	indet. cereal	FI	GRAMINEAE	940
AVEHORSECT	!##CN	Cerealia	indet. cereal, culm node	FI	GRAMINEAE	945
AVEHORSECT	!##R	Cerealia	indet. cereal, rachis	FI	GRAMINEAE	950
AVEHORSECT	!##G	cerealia	indet. cereal, glume	FI	GRAMINEAE	955
AVEHORSECT	!##CO	Cerealia	indet. cereal, coleoptile	FI	GRAMINEAE	960
AVEHORSECT	!##A	Cerealia	indet. cereal, awn	FI	GRAMINEAE	965
AVEHORSECT	!##/	Cerealia	cf. indet. cereal	FI	GRAMINEAE	980
AVEHORSECT	!##B	Cerealia	indet. cereal, bran	FI	GRAMINEAE	985

AVEHORSECTRI	!##ST	Cerealia	indet. cereal, straw	FI	GRAMINEAE	970
AVESA	_	Avena sativa L.	cultivated oat	FI	GRAMINEAE	800
AVESA	_HU	Avena sativa	cultivated oat	FI	GRAMINEAE	801
AVESA	_A	Avena sativa L.	cult. oat awn	FI	GRAMINEAE	802
AVESA	/	Avena cf. sativa	cultivated oat	FI	GRAMINEAE	805
AVESEC	!#	Avena/Secale sp.	oat/rye	AFI	GRAMINEAE	920
AVETRI	!#	Avena/Triticum sp.	oat/wheat	AFI	GRAMINEAE	890
BALMAR	!	Ballota nigra/Marrubium vulgare	horehound	BCDG	LABIATAE	469100
BALNI	_	Ballota nigra L.	black horehound	CG	LABIATAE	455000
BALNI	//	cf. Ballota nigra	black horehound	CG	LABIATAE	456000
BARVU	_	Barbarea vulgaris R.Br.	Yellow Rocket	BC	CRUCIFERAE	59100
BELPE	_	Bellis perennis L.	daisy	D	COMPOSITAE	512000
BELPE	//	cf. Bellis perennis	daisy	D	COMPOSITAE	513000
BERER	_	Berula erecta (Huds.)Coville	narrow-leaved water-parsnip	E	UMBELLIFERAE	292001
BERER	//	cf. Berula erecta	narrow-leaved water-parsnip	E	UMBELLIFERAE	292100
BERVU	_	Berberis vulgaris L.	barberry	CFH	BERBERIDACEAE	31200
BERVU	//	cf. Berberis vulgaris L.	barberry	CFH	BERBERIDACEAE	31300
BERVU	//F	cf. Berberis vulgaris	barberry, fruit	CFH	BERBERIDACEAE	31350
BETPEPU	!	Betula sp.	birch		BETULACEAE	402000
BETPEPUNA	!#	Betula sp.	birch	CDH	BETULACEAE	403000
BETPEPUNA	!##	Betula spp.	birch	CDH	BETULACEAE	403050
BETPU	_	Betula pubescens Ehrh.	downy birch	CDH	BETULACEAE	401900
BIDCE	_	Bidens cernua L.	nodding bur-marigold	E	COMPOSITAE	500000
BIDCE	/	Bidens cf. cernua	nodding bur-marigold	E	COMPOSITAE	501000
BIDCE	//	cf.Bidens cernua	nodding bur-marigold	E	COMPOSITAE	502000
BIDCETR	!	Bidens sp.	bur-marigold	E	COMPOSITAE	505000
BIDCETRFR	!	Bidens sp.	bur-marigold	E	COMPOSITAE	506000
BIDTR	_	Bidens tripartita L.	tripartite bur-marigold	E	COMPOSITAE	503000
BIDTR	/	Bidens cf. tripartita	tripartite bur-marigold	E	COMPOSITAE	504000
BORA	~/	cf. Boraginaceae indet.	-	-	BORAGINACEAE	411500
BRA	#	Brassica sp.	wild cabbage/turnip/mustard	ABFI	CRUCIFERAE	47000

BRA	!#	Brassica sp. type	wild cabbage/turnip/mustard	ABFI	CRUCIFERAE	48000
BRA	##	Brassica spp.	wild cabbage/turnip/mustard	ABFI	CRUCIFERAE	49000
BRA	#/	cf. Brassica sp.	wild cabbage/turnip/mustard	ABFI	CRUCIFERAE	50000
BRA	##/	cf. Brassica spp.	wild cabbage/turnip/mustard	ABFI	CRUCIFERAE	51000
BRANA	/	Brassica cf. napus	rape,cole,swedish turnip or sw	ABFI	CRUCIFERAE	45100
BRANI	_	Brassica nigra (L.)Koch	black mustard	BFHI	CRUCIFERAE	44600
BRANI	/	Brassica cf.nigra	black mustard	BFHI	CRUCIFERAE	46000
BRAOL	/	Brassica cf. oleraceus	cabbage	ADFI	CRUCIFERAE	45000
BRARA	/	Brassica cf. rapa	turnip,navew	ABFI	CRUCIFERAE	45600
BRASIN	!#	Brassica/Sinapis sp.	-	ABFGHI	CRUCIFERAE	51500
BRASIN	!##	Brassica/Sinapis spp.	-	ABFGHI	CRUCIFERAE	52000
BRASIN	!#/	cf. Brassica/Sinapis sp.		ABFGHI	CRUCIFERAE	52100
BRASIN	!##/	cf. Brassica/Sinapis spp.	-	ABFGHI	CRUCIFERAE	53000
BRASINAR	!#_	Brassica sp./Sinapis arvensis	-	ABFHI	CRUCIFERAE	51100
BRASINAR	!#_F	Brassica sp./Sinapis arvensis	- fruit	ABFHI	CRUCIFERAE	51110
BRO	#	Bromus sp.	brome	ABD	GRAMINEAE	663000
BRO	##	Bromus spp.	bromes	ABD	GRAMINEAE	664000
BRO	#/	cf. Bromus sp.	brome	ABD	GRAMINEAE	665000
BRO	##/	cf. Bromus spp.	brome	ABD	GRAMINEAE	665500
BROMO	/	Bromus cf. mollis	lop-grass	BD	GRAMINEAE	660000
BROMOSE	!	Bromus secalinus/mollis	rye-brome/lop-grass	ABD	GRAMINEAE	661000
BROMOSE	!/	Bromus cf. secalinus/mollis	rye-brome/lop-grass	ABD	GRAMINEAE	662000
BRYDI	_	Bryonia dioica Jacq.	bryony	CG	CUCURBITACEAE	342000
BRYDI	/	Bryonia cf. dioica	bryony	CG	CUCURBITACEAE	343000
BRYDI	//	cf. Bryonia dioica Jacq.	bryony	CG	CUCURBITACEAE	344000
BUP	#	Bupleurum sp.	-	ABCD	UMBELLIFERAE	299200
BUP	#/	cf. Bupleurum sp.	-	ABCD	UMBELLIFERAE	299300
BUPRO	_	Bupleurum rotundifolium L.	hare's ear	AG	UMBELLIFERAE	298150
BUPRO	/	Bupleurum cf. rotundifolium	hare's-ear	AG	UMBELLIFERAE	299000

BUPRO	//	cf. Bupleurum rotundifolium	hare's-ear	AG	UMBELLIFERAE	299100
BUXSE	_	Buxus sempervirens L.	box, leaves	CI	BUXACEAE	194000
BUXSE	//	cf. Buxus sempervirens	box leaves	CI	BUXACEAE	194010
CAD	#	Carduus sp.	thistle	ABCDEG	COMPOSITAE	537500
CAD	##	Carduus spp.	thistle	ABCDEG	COMPOSITAE	537550
CAD	#/	cf. Carduus sp.	thistle	ABCDEG	COMPOSITAE	537600
CAL	#	Calamintha sp.	calamint	D	LABIATAE	449000
CALPA	_	Caltha palustris L.	marsh marigold	CE	RANUNCULACEAE	5000
CALPA	//	cf. Caltha palustris	marsh marigold	CE	RANUNCULACEAE	6000
CALSY	/	Calamintha cf. sylvatica	calamint	D	LABIATAE	448500
CAMSA	_	Camelina sativa (L.) Cranz	gold of pleasure	AHI	CRUCIFERAE	68000
CAMSA	//	cf. Camelina sativa	gold of pleasure	AHI	CRUCIFERAE	69000
CANN	~	Cannabiaceae indet.		BCGHI	CANNABIACEAE	396100
CANSA	_	Cannabis sativa L.	hemp	BGHI	CANNABIACEAE	395500
CANSA	//	cf. Cannabis sativa L.	hemp	BGHI	CANNABIACEAE	396000
CAPBU	_	Capsella bursa-pastoris (L.) Medic.	shepherd's purse	AB	CRUCIFERAE	58000
CAPBU	//	cf. Capsella bursa-pastoris	shepherd's purse	AB	CRUCIFERAE	59000
CAR	#	Carex sp.	sedge	CDEH	CYPERACEAE	636000
CAR	##	Carex spp.	sedges	CDEH	CYPERACEAE	637000
CAR	#/	cf. Carex sp.	sedge	CDEH	CYPERACEAE	638000
CAR	##/	cf. Carex spp.	sedges	CDEH	CYPERACEAE	639000
CARCA	//	cf. Carum carvi	caraway	BFGI	UMBELLIFERAE	303000
CARCIR	!#	Carduus/Cirsium sp.	thistles	ABDEG	COMPOSITAE	545000
CARCIR	!##	Carduus/Cirsium spp.	thistles	ABDEG	COMPOSITAE	545500
CARCIR	!#/	cf.Carduus/Cirsium	thistles	ABDEG	COMPOSITAE	546000
CARCIRCEN	!	Carduus/Cirsium/Centaurea	thistle/knapweed	ABCD	COMPOSITAE	552000
CARY	~	Caryophyllaceae indet.	-	-	CARYOPHYLLACEAE	146000
CARY	~/	cf. Caryophyllaceae	-	-	CARYOPHYLLACEAE	146200
CARYCHEN	!~	Caryophyllaceae/Chenopodiaceae	-	-	CARYOPHYLLACEAE/CHENOPODIACEAE	146500

CARYCHENPORT	~!	Caryophyllaceae/Chenopodiaceae/Port	-	ABCDE	CARYOPHYLLACEAE/CHENOPODIACEAE/POR	182000
CARYCHENPORT	~!/	cf. Caryophyllaceae/Chenopodiaceae/	-	ABCDE	CARYOPHYLLACEAE/CHENOPODIACEAE/POR	183000
CASSA	_	Castanea sativa Miller	sweet chestnut		FAGACEAE	406110
CAT	#	Callitriche sp.	-	E	CALLITRICHACEAE	278000
CAT	#/	cf. Callitriche sp.	-	E	CALLITRICHACEAE	279000
CED	#	Cedrus sp.	cedar		PINACEAE	3900
CEDLI	_	Cedrus libana A. Rich.	cedar of lebanon		PINACEAE	3950
CEN	#	Centaurea sp.	knapweed/thistle	ABDGH	COMPOSITAE	550000
CEN	#/	cf. Centaurea sp.	knapweed/thistle	ABDGH	COMPOSITAE	551000
CENCY	_	Centaurea cyanus L.	cornflower	ABGH	COMPOSITAE	547000
CENCY	/	Centaurea cf. cyanus	cornflower	ABGH	COMPOSITAE	548000
CENNI	_	Centaurea nigra	lesser knapweed	BDG	COMPOSITAE	549000
CENNI	/	Centaurea cf. nigra	lesser knapweed	BDG	COMPOSITAE	549500
CENRU	//	cf. Centranthus ruber	Red Valerian	B	VALERIANACEAE	499100
CER	#	Cerastium sp.	mouse-ear chickweed	ABD	CARYOPHYLLACEAE	107000
CER	##	Cerastium spp.	mouse-ear chickweed	ABD	CARYOPHYLLACEAE	108000
CER	#/	cf. Cerastium sp.	mouse-ear chickweed	ABD	CARYOPHYLLACEAE	109000
CERHO	//	cf. Cerastium holostoides Fr.	common mouse-ear chickweed	ABCD	CARYOPHYLLACEAE	106000
CHA	#	Chara sp.	-	E	CHARACEAE	1000
CHA	##	Chara spp.	-	E	CHARACEAE	1500
CHA	#/	cf.Chara sp.	-	E	CHARACEAE	2000
CHAAU	//	cf. Chaerophyllum aureum	golden chervil	D	UMBELLIFERAE	280800
CHAAUTE	!	Chaerophyllum sp.	chervil	CD	UMBELLIFERAE	281000
CHAAUTE	!/	cf. Chaerophyllum sp.	chervil	CD	UMBELLIFERAE	281100
CHANO	_	Chamaemelum nobile (L.) All.	chamomile	BDFG	COMPOSITAE	521000
CHANO	//	cf. Chamaemelum nobile	Chamomile	BDFG	COMPOSITAE	521100
CHE	#	Chenopodium sp.	goosefoot etc.	ABCDFH	CHENOPODIACEAE	168000
CHE	##	Chenopodium spp.	goosefoot etc.	ABCDFH	CHENOPODIACEAE	169000
CHE	#/	cf. Chenopodium sp.	goosefoot etc.	ABFH	CHENOPODIACEAE	170000
CHEAL	_	Chenopodium album L.	fat hen	ABFH	CHENOPODIACEAE	154000

CHEAL	/	Chenopodium cf. album	fat hen	ABFH	CHENOPODIACEAE	155000
CHEAL	!!	Chenopodium album gp.		AB	CHENOPODIACEAE	155500
CHEAL	!	Chenopodium album type	fat hen	ABFH	CHENOPODIACEAE	156000
CHEAL	!/	Chenopodium cf. album type	fat hen	ABFH	CHENOPODIACEAE	157000
CHEBO	_	Chenopodium bonus-henricus	all-good L.	BCDF	CHENOPODIACEAE	151000
CHEBO	/	Chenopodium cf. bonus-henricus	all-good	BCDF	CHENOPODIACEAE	151500
CHEFI	_	Chenopodium ficifolium	fig-leaved goosefoot	AB	CHENOPODIACEAE	158000
CHEFI	/	Chenopodium cf. ficifolium	fig-leaved goosefoot	AB	CHENOPODIACEAE	159000
CHEGLRU	!	Chenopodium rubrum/glaucum	red/glaucous goosefoot	AB	CHENOPODIACEAE	166000
CHEGLRU	!/	Chenopodium cf. rubrum/glaucum	red/glaucous goosefoot	AB	CHENOPODIACEAE	167000
CHEHY	_	Chenopodium hybridum L.	maple-leaved goosefoot	AB	CHENOPODIACEAE	164000
CHEHY	/	Chenopodium cf. hybridum	maple-leaved goosefoot	AB	CHENOPODIACEAE	165000
CHEMU	_	Chenopodium murale L.	nettle-leaved goosefoot	BD	CHENOPODIACEAE	161000
CHEMU	/	Chenopodium cf. murale	nettle-leaved goosefoot	BD	CHENOPODIACEAE	162000
CHEN	~	Chenopodiaceae indet.	-	-	CHENOPODIACEAE	180000
CHEN	~/	cf. Chenopodiaceae indet.	-	-	CF. CHENOPODIACEAE	181000
CHEPO	_	Chenopodium polyspermum	all-seed	AB	CHENOPODIACEAE	152000
CHEPO	/	Chenopodium cf. polyspermum	all-seed	AB	CHENOPODIACEAE	153000
CHERU	_	Chenopodium rubrum L.	red goosefoot	AB	CHENOPODIACEAE	165400
CHERU	/	Chenopodium cf. rubrum	red goosefoot	AB	CHENOPODIACEAE	165500
CHEUR	//	cf. Chenopodium urbicum	upright goosefoot	AB	CHENOPODIACEAE	163000
CHLMA	_	Chelidonium majus L.	greater celandine	BC	PAPAVERACEAE	42700
CHLMA	//	cf. Chelidonium majus	greater celandine	BC	PAPAVERACEAE	42750
CHR	#	Chrysanthemum sp.	-	ABCD	COMPOSITAE	530000
CHR	#/	cf. Chrysanthemum sp.	-	ABCD	COMPOSITAE	531000

CHRLE	_	Chrysanthemum leucanthemum L.	ox-eye daisy	D	COMPOSITAE	527000
CHRLE	/	Chrysanthemum cf. leucanthemum	ox-eye daisy	D	COMPOSITAE	529000
CHRSE	_	Chrysanthemum segetum L.	corn marigold	AHI	COMPOSITAE	524000
CHRSE	/	Chrysanthemum cf. segetum	corn marigold	AHI	COMPOSITAE	525000
CHRSE	//	cf. Chrysanthemum segetum	corn marigold	AHI	COMPOSITAE	526000
CICIN	_	Cichorium intybus L.	chicory	CD	COMPOSITAE	553000
CICIN	/	Cichorium cf.intybus	chicory	CD	COMPOSITAE	554000
CICIN	//	cf. Cichorium intybus	chicory	CD	COMPOSITAE	555000
CIR	#	Cirsium sp.	thistle	ABCDEFG	COMPOSITAE	543000
CIR	#/	cf. Cirsium sp.	thistle	ABCDEFG	COMPOSITAE	544000
CIRAR	_	Cirsium arvense (L.) Scop	creeping thistle	AB	COMPOSITAE	540000
CIRAR	/	Cirsium cf. arvense	creeping thistle	AB	COMPOSITAE	541000
CIRAR	//	cf. Cirsium arvense	creeping thistle	AB	COMPOSITAE	542000
CIRVU	_	Cirsium vulgare (Savi) Ten	spear thistle	AB	COMPOSITAE	538000
CIRVU	/	Cirsium cf. vulgare	spear thistle	AB	COMPOSITAE	539000
CIT	#	Citrus sp.		FI	RUTACEAE	345600
CIT	//	cf. Citrus sp.		FI	RUTACEAE	345700
CLAMA	_	Cladium mariscus (L.)Pohl	sedge	E	CYPERACEAE	634000
CLAMA	//	cf. Cladium mariscus	sedge	E	CYPERACEAE	635000
CLE	#/	cf. Calendula sp.	marigold	BI	COMPOSITAE	511500
CND	#/	cf. Calendula sp.	marigold	GHI	COMPOSITAE	510500
COMP	~	Compositae indet.	-	-	COMPOSITAE	589000
COMP	~/	cf. Compositae indet.	-	-	cf. COMPOSITAE	590000
CONMA	_	Conium maculatum L.	hemlock	CEG	UMBELLIFERAE	298000
CONMA	//	cf. Conium maculatum	hemlock	CEG	UMBELLIFERAE	298100
CONMJ	_	Conopodium majus (Gouan) Loret	pignut, earthnut	CDF	UMBELLIFERAE	282110
CONMJ	//	cf. Conopodium majus (Gouan) Loret	pignut, earthnut	CDF	UMBELLIFERAE	282115
CONRUS	!#	Convallaria/Ruscus sp.	lily-of-the-valley/butcher's b	CFGH	LILIACEAE	604000

CONSA	_	Cornus sanguinea L.	dogwood	CH	CORNACEAE	279500
CONSA	//	cf. Cornus sanguinea L.	dogwood	CH	CORNACEAE	279550
CORAV	_	Corylus avellana L.	hazel	CF	CORYLACEAE	405000
CORAV	//	cf. Corylus avellana	hazel	CF	CORYLACEAE	406000
CORSA	_	Coriandrum sativum L.	coriander	FGI	UMBELLIFERAE	282001
CORSA	//	cf. Coriandrum sativum	coriander	FGI	UMBELLIFERAE	282100
CORSAMA	!	Cornus sp.	dogwood/cornelian cherry		CORNACEAE	280000
CRAMALPYR	!#	C.laevigata/monogyna/P. sp./M. sp.	hawthorn/apple/pear		ROSACEAE	269900
CRAMO	_	Crataegus monogyna Jacq.	hawthorn	C	ROSACEAE	270000
CRAMO	//	cf. Crataegus monogyna	hawthorn	C	ROSACEAE	270200
CRE	#	Crepis sp.	hawk's beard	BCE	COMPOSITAE	584000
CRE	#/	cf. Crepis sp.	hawk's beard	BCE	COMPOSITAE	585000
CRECA	/	Crepis cf. capillaris	smooth hawk's-beard	BD	COMPOSITAE	583000
CRPBE	_	Carpinus betulus L.	hornbeam	C	CORYLACEAE	404000
CRTDE	_	Ceratophyllum demersum L.	rigid hornwort	E	CERATOPHYLLACEAE	31800
CRUC	~	Cruciferae	-	-	CRUCIFERAE	70000
CRUC	~/	cf. Cruciferae indet.			CRUCIFERAE	71000
CUCMA	_	Cucurbita maxima	pumpkin	FGI	CUCURBITACEAE	344080
CUCME	_	Cucumis melo L.	melon, cantaloupe	FGI	CUCURBITACEAE	344200
CUCME	//	cf. Cucumis melo L.	melon, cantaloupe	FGI	CUCURBITACEAE	344250
CUCPE	_	Cucurbita pepo	marrow	FGI	CUCURBITACEAE	344050
CUCSA	_	Cucumis sativus	cucumber	FGI	CUCURBITACEAE	344100
CUCSA	//	cf. Cucumis sativus	cucumber	FGI	CUCURBITACEAE	344150
CUCSAME	!	Cucumis sativus/melo	cucumber/melon	FGI	CUCURBITACEAE	344300
CUCU	!##	Cucurbita/ Cucumis spp.	marrow, pumpkin/ melon, cucumb	FGI	CUCURBITACEAE	344400
CUCU	~	Cucurbitaceae indet.	-	CFGI	CUCURBITACEAE	344450
CYPE	~	Cyperaceae indet.	-	-	CYPERACEAE	640000
CYPE	~/	cf. Cyperaceae indet.	-	ABCDEFI	CYPERACEAE	641000
DAPMELA	!	Daphne mezereum/laureola	mezereon/spurge-laurel		THYMELAEACEAE	276000
DAUCA	_	Daucus carota L.	wild carrot	ADFGI	UMBELLIFERAE	338500
DAUCA	//	cf. Daucus carota	wild carrot	ADFGI	UMBELLIFERAE	338600
DIA	#	Dianthus sp.	pink	BD	CARYOPHYLLACEAE	103200

DIAAR	/	Dianthus cf. armeria	deptford pink	BD	CARYOPHYLLACEAE	103000
DIP	#	Dipsacus sp. (L.)	Teasel	ABC	DIPSACACEAE	499300
DIPFU	//	cf. Dipsacus fullonum	wild teasel	BC	DIPSACACEAE	499250
DIPS	~/	cf. Dipsacaceae sp.			DIPSACACEAE	499400
DIPSA	_	Dipsacus sativus (L.) Honckeny	fuller's teasel	BHI	DIPSACACEAE	499150
ECHSET	!#	Echinochloa/Setaria sp.	cockspur/bristle-grass	AB	GRAMINEAE	705000
ELE	#	Eleocharis sp.	spike-rush	E	CYPERACEAE	623000
ELE	##	Eleocharis spp.	spike-rush	DE	CYPERACEAE	623500
ELE	#/	cf. Eleocharis sp.	spike-rush	E	CYPERACEAE	624000
ELEPA	_	Eleocharis palustris (L.)	common spike-rush	E	CYPERACEAE	619500
ELEPA	!	Eleocharis palustris type	common spike-rush	E	CYPERACEAE	620000
ELEPA	#//	cf. Eleocharis palustris type	common spike-rush	E	CYPERACEAE	621000
ELEPAUN	!	Eleocharis palustris/uniglumis	spike-rush	E	CYPERACEAE	622000
ELEPAUN	!//	cf. Eleocharis palustris/uniglumis	spike-rush	E	CYPERACEAE	622500
EPIHI	_	Epilobium hirsutum L.	great hairy willow-herb	E	ONAGRACEAE	277500
ERI	/	cf. Eriophorum	cotton-grass	E	CYPERACEAE	619000
ERIVA	/	Eriophorum cf. vaginatum	cotton-grass	E	CYPERACEAE	618000
EUOEU	_	Euonymus europaeus L.	spindle		CELASTRACEAE	193900
EUP	#	Euphorbia sp.		ABCDEFGHI	EUPHORBIACEAE	345500
EUPHE	_	Euphorbia helioscopia L.	sun spurge	AGI	EUPHORBIACEAE	345000
EUPODO	!#	Euphrasia/Odontites sp.	euphrasia/red bartsia	ABCDE	SCROPHULARIACEAE	436700
EUPODO	!##	Euphrasia/Odontites spp.	euphrasia/red bartsia	ABCDE	SCROPHULARIACEAE	436800
EUPPE	_	Euphorbia peplus L.	petty spurge	AB	EUPHORBIACEAE	345050
EUPPE	//	cf. Euphorbia peplus	petty spurge	AB	EUPHORBIACEAE	345100
FAGSY	_	Fagus sylvatica L.	beech	CFH	FAGACEAE	406100
FALCO	_	Fallopia convolvulus(L.) A. Love	black bindweed	ABF	POLYGONACEAE	361000
FALCO	/	Fallopia cf. convolvulus	black bindweed	ABF	POLYGONACEAE	362000
FALCO	//	cf. Fallopia convolvulus	black bindweed	ABF	POLYGONACEAE	363000
FES	#	Festuca sp.	fescue	CDEF	GRAMINEAE	645000
FICCA	_	Ficus carica L.	fig	FGI	MORACEAE	397000
FICCA	//	cf. Ficus carica	fig	FI	MORACEAE	398000
FILUL	_	Filipendula ulmaria (L.) Maxim.	meadow-sweet	CDE	ROSACEAE	220000

FILUL	/	Filipendula cf. ulmaria	meadow-sweet	CDE	ROSACEAE	220500
FILUL	//	cf. Filipendula ulmaria	meadow-sweet	CDE	ROSACEAE	221000
FILVU	/	Filipendula cf. vulgaris	dropwort	D	ROSACEAE	221500
FOESILCAR	!	Foeniculum/Silaum/Carum sp.	fennel/pepper saxifrage/carawa	ABDFGI	UMBELLIFERAE	303500
FOEVU	_	Foeniculum vulgare Miller	fennel	BDFGI	UMBELLIFERAE	296000
FOEVU	//	cf. Foeniculum vulgare	fennel	BDFGI	UMBELLIFERAE	296100
FRAAL	_	Frangula alnus Miller	alder buckthorn/black dogwood		RHAMNACEAE	194200
FRAEX	_	Fraxinus excelsior L.	ash		OLEACEAE	407600
FRAPOT	!#/	cf. Potentilla/Fragaria sp.	-	BCDEFGH	ROSACEAE	249500
FRAPOT	!#	Potentilla/Fragaria sp.	-	BCDEFGH	ROSACEAE	250000
FRAPOT	!##	Potentilla/Fragaria spp.	-	BCDEFGH	ROSACEAE	251000
FRAVE	_	Fragaria vesca L.	wild strawberry	CDF	ROSACEAE	248000
FRAVE	//	cf. Fragaria vesca	wild strawberry	CDF	ROSACEAE	249000
FUM	#	Fumaria sp.	fumitory	ABC	FUMARIACEAE	44000
FUM	#/	cf. Fumaria sp.	fumitory	A	FUMARIACEAE	44500
FUMOF	_	Fumaria officinalis L.	fumitory	A	FUMARIACEAE	43000
GAL	#	Galium sp.	bedstraw	ABCDE	RUBIACEAE	489500
GAL	##	Galium spp.	bedstraw	ABCDE	RUBIACEAE	489700
GAL	##/	cf. Galium spp.	bedstraw	ABCDE	RUBIACEAE	489800
GALAP	_	Galium aparine L.	cleavers	BCG	RUBIACEAE	489000
GALAP	/	Galium cf. aparine	cleavers	BCG	RUBIACIAE	489200
GALPA	_	Galium palustre L.	Marsh bedstraw	EFG	RUBIACEAE	488000
GALSE	_	Galeopsis segetum Necker	downy hemp-nettle	AB	LABIATAE	458700
GALSE	//	cf. Galeopsis segetum Necker	downy hemp-nettle	AB	LABIATAE	458750
GALTE	_	Galeopsis tetrahit L.	common hemp-nettle	ACE	LABIATAE	458800
GALTE	//	cf. Galeopsis tetrahit	common hemp-nettle	ACE	LABIATAE	458900
GALVE	_	Galium verum L.	Lady's bedstraw	CD	RUBIACEAE	487000
GALVEMO	!	Galium verum/mollugo	bedstraw	BCD	RUBIACEAE	487500
GAP	#	Galeopsis sp.	hemp-nettle	ABCD	LABIATAE	466000
GAP	#/	cf. Galeopsis sp.	hemp-nettle	ABCD	LABIATAE	466100
GERDI	_	Geranium dissectum L.	cut-leaved cranesbill	ABCD	GERANIACEAE	193505
GERDI	//	cf. Geranium dissectum L.	cut-leaved cranesbill	ABCD	GERANIACEAE	193510

GLAFLCO	!	Glaucium flavum/corniculatum	horned poppy	BD	PAPAVERACEAE	42500
GLEHE	_	Glechoma hederacea	ground-ivy	BCDE	LABIATAE	467400
GLEHE	//	cf.Glechoma hederacea	ground-ivy	BCDE	LABIATAE	467500
GLESAT	!#	Glechoma/Satureja sp.	ground-ivy/savory	BCDI	LABIATAE	467700
GLY	#	Glyceria sp.	flote/reed grass	EH	GRAMINEAE	642000
GLY	#/	cf. Glyceria sp.	flote/reed grass	EH	GRAMINEAE	643000
GRAM	~	Gramineae indet.	-	ABCDEFHI	GRAMINEAE	706000
GRAM	~ST	Gramineae indet.	grass, stem	ABCDEFHI	GRAMINEAE	706010
GRAM	~FL	Gramineae indet.	grass, floret	ABCDEFHI	GRAMINEAE	706020
GRAM	~CN	Gramineae indet.	grass, culm node	ABCDEFHI	GRAMINEAE	706030
GRAM	~R	Gramineae indet.	grass, rachis	ABCDEFHI	GRAMINEAE	706040
GRAM	~/ST	cf. Gramineae indet.	grass, stem	ABCDEFHI	GRAMINEAE	706050
GRAM	~/	cf. Gramineae indet.	-	ABCDEFHI	GRAMINEAE	706100
HEDHE	_	Hedera helix L.	Ivy		ARALIACEAE	280100
HEL	#	Helleborus sp.	hellebore	CGHI	RANUNCULACEAE	6200
HIE	#	Hieracium sp.	hawkweed	BCD	COMPOSITAE	581000
HIPRH	_	Hippophae rhamnoides L.	sea-buckthorn		ELAEAGNACEAE	277000
HOR	#	Hordeum sp.	barley	BDFI	GRAMINEAE	667000
HORMU	/	Hordeum cf. murinum	barley	BDFI	GRAMINEAE	666000
HORSA	_	Hordeum sativum	barley	FI	GRAMINEAE	700
HORSA	_R	Hordeum sativum	barley rachis	FI	GRAMINEAE	710
HORSA	_L	Hordeum sativum	barley lemma	FI	GRAMINEAE	714
HORSA	_A	Hordeum sativum	barley awn	FI	GRAMINEAE	715
HORSA	_ST	Hordeum sativum	barley straw	FI	GRAMINEAE	716
HORSA	//	cf. Hordeum sativum	barley	FI	GRAMINEAE	730
HORSA	//R	cf. Hordeum sativum	barley rachis	FI	GRAMINEAE	735
HORSA	//A	cf. Hordeum sativum	barley awn	FI	GRAMINEAE	740
HORSEC	!#	Secale/Hordeum sp.	rye/barley	FI	GRAMINEAE	670
HORSEC	!#R	Secale/Hordeum sp.	rye/barley rachis	FI	GRAMINEAE	680
HORSECTRI	!#	Hordeum/Secale/Triticum sp.	barley/rye/wheat	FI	GRAMINEAE	770
HORTRI	!#	Hordeum/Triticum sp.	barley or wheat	FI	GRAMINEAE	750
HORTRI	!##	Hordeum/Triticum sp.	barley or wheat	FI	GRAMINEAE	752
HORTRI	!#CO	Hordeum/Triticum sp.	barl./wheat coleoptile	FI	GRAMINEAE	755
HORTRI	!#CN	Hordeum/Triticum sp.	barl./wheat culm node	FI	GRAMINEAE	760
HORTRI	!##A	Hordeum/Triticum spp.	barley/wheat awn	FI	GRAMINEAE	765

HUMLU	_	Humulus lupulus L.	hop	CGHI	CANNABIACEAE	395400
HUMLU	//	cf. Humulus lupulus L.	hop	CGHI	CANNABIACEAE	395450
HYONI	_	Hyoscyamus niger L.	henbane	BDG	SOLANACEAE	413000
HYONI	//	cf. Hyoscyamus niger L.	henbane	BDG	SOLANACEAE	413500
HYP	#	Hypericum sp.	St. John's wort	CDE	HYPERICACEAE	80000
HYP	#/	cf. Hypochoeris sp.	cat's ear	BD	COMPOSITAE	562000
HYPRA	_	Hypochoeris radicata L.	cat's ear	CD	COMPOSITAE	559000
HYPRA	/	Hypochoeris cf. radicata	cat's ear	CD	COMPOSITAE	560000
ILEAQ	_	Ilex aquifolium L.	holly	C	AQUIFOLIACEAE	193800
INDET	@	indeterminate	-	-	-	707000
INDET	@B	indeterminate, berry	-	-	-	707100
INDET	@L	indeterminate, leaf	_	_	-	707200
ISOSE	_	Isolepis setacea (L.)R.Br.	bristle club-rush	E	CYPERACEAE	633700
JUGRE	_	Juglans regia	walnut	FHI	JUGLANDACEAE	401500
JUN	#/	cf. Juncus sp.	rush	ADEH	JUNCACEAE	607200
JUN	#	Juncus sp.	rush	ADEH	JUNCACEAE	607400
JUN	##	Juncus spp.	rush	ADEH	JUNCACEAE	607500
JUN	##/	cf. Juncus spp.	rush	ADEH	JUNCACEAE	607600
JUNAR	!	Juncus articulatus gp.	Rush	Dci	JUNCACEAE	606100
JUNBU	!	Juncus bufonius gp.	Toad Rush	ABE	JUNCACEAE	606000
JUNC	~	Juncaceae indet.	_	-	JUNCACEAE	611000
JUNEF	!	Juncus effusus gp.	Rush	DE	JUNCACEAE	606200
JUP	#	Juniperis sp.	juniper		PINACEAE	4100
LABAN	_	Laburnum anagyroides Medicus	laburnum		LEGUMINOSAE	196100
LABI	~	Labiatae indet.	-	-	LABIATAE	472000
LABI	~/	cf. Labiatae indet.		ABCFEFI	LABIATAE	472100
LAM	#	Lamium sp.	dead-nettle	ABC	LABIATAE	458000
LAM	#/	cf. Lamium sp.	dead-nettle	ABC	LABIATAE	458100
LAMPU	_	Lamium purpurem	red dead nettle	AB	LABIATAE	458400
LAMPU	//	cf. Lamium purpureum	red dead nettle	AB	LABIATAE	458500
LAPCO	_	Lapsana communis L.	nipplewort	BCF	COMPOSITAE	557000
LAPCO	//	cf. Lapsana communis	nipplewort	BCF	COMPOSITAE	558000
LARDE	_	Larix decidua Miller	european larch		PINACEAE	3800
LATVIC	!#	Vicia/Lathyrus sp.	vetch/tare/vetchling	CD	LEGUMINOSAE	214000
LATVIC	!##	Vicia/Lathyrus spp.	vetch/tare/vetchling	CD	LEGUMINOSAE	214100

LATVIC	!#/	cf. Vicia/Lathyrus sp.	vetch/tare/vetchling	CD	LEGUMINOSAE	215000
LATVIC	!##/	cf. Vicia/Lathyrus spp.	vetch/tare/vetchling	CD	LEGUMINOSAE	216000
LATVICPIS	!#	Vicia/Lathyrus/Pisum sp.	vetch/tare/vetchling/pea	ABCDEFI	LEGUMINOSAE	216800
LATVICPIS	!##	Vicia/Lathyrus/Pisum spp.	vetch/tare/vetchling/pea	ABCDEFI	LEGUMINOSAE	216900
LEGU	~	Leguminosae indet.	-	-	LEGUMINOSAE	218000
LEGU	~/	cf. Leguminosae	-	-	LEGUMINOSAE	219000
LEM	#	Lemna sp.	duckweed	E	LEMNACEAE	612000
LEM	##	Lemna spp.	duckweed	E	LEMNACEAE	613000
LENCU	_	Lens culinaris	lentil	FI	LEGUMINOSAE	205000
LENCU	//	cf. Lens culinaris	lentil	FI	LEGUMINOSAE	205100
LEOAU	_	Leontodon autumnalis L.	autumnal hawkbit	BD	COMPOSITAE	563000
LEOAU	/	Leontodon cf. autumnalis	autumnal hawkbit	BD	COMPOSITAE	564000
LEOAU	//	cf. Leontodon autumnalis	autumnal hawkbit	BD	COMPOSITAE	565000
LEOAUHI	!	Leontodon autumnalis/hispidus	hawkbit	BD	COMPOSITAE	566500
LEOAUHITA	!	Leontodon sp.	hawkbit	BDF	COMPOSITAE	567000
LEOAUHITA	!/	cf. Leontodon sp.	hawkbit	BDF	COMPOSITAE	568000
LEOHI	/	Leontodon cf. hispidus	rough hawkbit	D	COMPOSITAE	566000
LEOTA	_	Leontodon taraxacoides	hairy hawkbit	D	COMPOSITAE	566600
LEOTA	/	Leontodon cf. taraxacoides	hairy hawkbit	D	COMPOSITAE	566700
LEP	#	Lepidium sp.	Cress/Pepperwort	ABCD	CRUCIFERAE	55500
LEP	#/	cf. Lepidium sp.	-	ABDE	CRUCIFERAE	56000
LIGVU	_	Ligustrum vulgare L.	common privet	CHI	OLEACEAE	407700
LILI	~	Liliaceae indet.	_	-	LILIACEAE	605000
LIMAQ	_	Limosella aquatica L.	mudwort	E	SCROPHULARIACEAE	423000
LIMAQ	//	cf. Limosella aquatica	mudwort	E	SCROPHULARIACEAE	424000
LIN	#	Linum sp.	flax	ADHI	LINACEAE	193000
LIN	#/	cf. Linum sp.	flax	ADHI	LINACEAE	193500
LINBI	_	Linum bienne	pale flax	D	LINACEAE	188500
LINCA	_	Linum catharticum L.	purging flax	D	LINACEAE	191000
LINUS	_	Linum usitatissimum L.	cultivated flax	HI	LINACEAE	189000
LINUS	_C	Linum usitatissimum L.	cultivated flax, capsule	HI	LINACEAE	189200
LINUS	/	Linum cf. usitatissimum	cultivated flax	HI	LINACEAE	189500
LINUS	//	cf. Linum usitatissimum	cultivated flax	HI	LINACEAE	190000

LINUS	//ST	cf. Linum usitatissimum	cultivated flax, stems	HI	LINACEAE	190200
LINUSPE	!	Linum usitatissimum/perenne	Flax/Perennial Flax	ADHI	LINACEAE	190500
LIT	#/	cf. Lithospermum sp.	gromwell	AC	BORAGINACEAE	411100
LITAR	_	Lithospermum arvense L.	corn gromwell	A	BORAGINACEAE	411000
LOL	#	Lolium sp.	rye-grass	BI	GRAMINEAE	647400
LOL	#/	cf. Lolium sp.	rye-grass	BI	GRAMINEAE	647500
LOL	##/	cf. Lolium spp.	rye-grass	BI	GRAMINEAE	647600
LOLFES	!#	Lolium/Festuca	rye-grass/fescue	BCD	GRAMINEAE	648000
LOLFES	!##	Lolium/Festuca spp.	rye-grass/festuca		GRAMINEAE	648500
LOLFES	!#/	cf. Lolium/Festuca	rye-grass/fescue	BCD	GRAMINEAE	649000
LOLFES	!##/	cf. Lolium/Festuca spp.	rye-grass/fescue	BCD	GRAMINEAE	649500
LOLPE	/	Lolium cf. perenne	rye-grass	BI	GRAMINEAE	646000
LOLPE	//	cf. Lolium perenne	rye-grass	BI	GRAMINEAE	647000
LOLRE	//	cf. Lolium remotum	rye-grass	A	GRAMINAE	647100
LOLTE	/	Lolium cf. temulentum	rye-grass	AB	GRAMINAE	647050
LUZ	#	Luzula sp. DC	woodrush	CDE	JUNCACEAE	609000
LUZ	#/	cf. Luzula sp.	woodrush	CDE	JUNCACEAE	610000
LUZCA	/	Luzula cf. campestris	field woodrush	D	JUNCACEAE	608500
LUZPI	//	cf.Luzula pilosa		C	JUNCACEAE	608000
LYCEU	_	Lycopus europaeus L.	gipsy-wort	EH	LABIATAE	441000
LYCEU	!	Lycopus europaeus type	gipsy-wort	EH	LABIATAE	442000
LYCEU	//	cf.Lycopus europeaus	gipsy-wort	EH	LABIATAE	443000
LYCFL	_	Lychnis flos-cuculi L.	ragged robin	CDE	CARYOPHYLLACEAE	98000
LYCFL	//	cf. Lychnis flos-cuculi	ragged robin	CDE	CARYOPHYLLACEAE	99000
LYSGLA	!#	Lysimachia/Glaux sp.	-	CDE	PRIMULACEAE	407500
LYSNE	//	cf. Lysimachia nemorum L.	yellow pimpernel	C	PRIMULACEAE	406400
LYSNE	//FL	cf. Lysimachia nemorum L.	yellow pimpernel	C	PRIMULACEAE	406450
LYTSA	_	Lythrum salicaria L.	purple loosestrife	E	LYTHRACACEAE	275000
MAL	#	Malva sp.	mallow	BCDF	MALVACEAE	186000
MAL	#HD	Malva sp.	mallow seed head	BCDF	MALVACEAE	186010
MAL	#/	cf. Malva sp.	mallow	BCDF	MALVACEAE	187000
MAL	#/HD	cf. Malva sp.	mallow seed head	BCDF	MALVACEAE	187010
MALCYDOB	!#_	Malus sp./Cydonia oblongata	apple/quince	CFI	ROSACEAE	273700
MALDOSY	!	Malus	apple/crab apple	CFHI	ROSACEAE	271500

		domestica/sylvestris				
MALDOSY	!E	Malus domestica/sylvestris	apple/crab apple, endocarp	CFHI	ROSACEAE	271550
MALDOSY	//	cf. Malus sp.	apple	CFHI	ROSACEAE	271600
MALPYR	!#	Pyrus/Malus sp.	pear/apple	CFI	ROSACEAE	272000
MALPYR	!##	Pyrus/Malus spp.	pear/apple	CFI	ROSACEAE	272100
MALPYR	!#/	cf. Pyrus/Malus sp.	pear/apple	CFI	ROSACEAE	273000
MALPYR	!##/	cf. Pyrus/Malus spp.	pear/apple	CFI	ROSACEAE	273500
MALSY	_	Malva sylvestris L.	mallow	BF	MALVACEAE	184000
MALSY	/	Malva cf. sylvestris	mallow	BF	MALVACEAE	185000
MALV	~	Malvaceae indet.	-	-	MALVACEAE	188000
MARVU	_	Marrubium vulgare L.	white horehound	BG	LABIATAE	468000
MARVU	//	cf. Marrubium vulgare	white horehound	BG	LABIATAE	469000
MAUSY	//	cf. Malus sylvestris Miller	crab apple	CFH	ROSACEAE	271000
MED	#	Medicago sp.	medick	BD	LEGUMINOSAE	198000
MEDAR	_	Medicago arabica (L.)Huds.	spotted medick	BD	LEGUMINOSAE	197000
MEDLU	//	cf. Medicago lupulina	black medick	CD	LEGUMINOSAE	196500
MEDTRF	!#	Medicago/Trifolium sp.	medick/clover	ABDI	LEGUMINOSAE	201550
MEDTRF	!#/	cf. Medicago/Trifolium spp.	medick/clover	ABDI	LEGUMINOSAE	201560
MEDTRF	!##	Medicago/Trifolium spp.	medick/clover	ABDI	LEGUMINOSAE	201600
MEDTRF	!##/	cf. Medicago/Trifolium spp.	medick/clover	ABDI	LEGUMINOSAE	201650
MEL	##	Melandrium spp.	campion	ABC	CARYOPHYLLACEAE	97500
MELPR	//	cf. Melampyrum pratense	common cow-wheat	CD	SCROPHULARIACEAE	436250
MEN	#	Mentha sp.	mint	ABCEFGI	LABIATAE	438000
MEN	#/	cf. Mentha sp.	mint	ABCEFGI	LABIATAE	438500
MEN	##	Mentha spp.	mint	ABCEFGI	LABIATAE	440000
MENAQ	/	Mentha cf. aquatica	water mint	E	LABIATAE	437800
MENAR	/	Mentha cf. arvensis	corn mint	ACE	LABIATAE	437500
MENORI	!#	Mentha/Origanum sp.	mint/marjoram	ABCDE	LABIATAE	444500
MENTR	_	Menyanthes trifoliata L.	bogbean	EFG	MENYANTHACEAE	408000
MENTR	//	cf. Menyanthes trifoliata	bogbean	EFG	MENYANTHACEAE	408500
MERPE	//	cf. Mercurialis perennis L.	Dog's Mercury	C	EUPHORBIACEAE	344500
MESGE	_	Mespilus germanica L.	medlar		ROSACEAE	270800
MILEFSC	!	Milium sp.	millet	CDE	GRAMINEAE	704000
MOETR	_	Moehringia trinervia	three-nerved sandwort	C	CARYOPHYLLACEAE	133000

		(L.)Clairv.				
MONFO	_	Montia fontana ssp. chondrosperma L	blinks	AE	PORTULACEAE	147000
MONFO	//	cf. Montia fontana ssp. chondrosper	blinks	AE	PORTULACEAE	148000
MONFOFO	//	cf. Montia fontana ssp. fontana		E	PORTULACEAE	146510
MONPE	/	Montia cf. perfoliata	-	BI	PORTULACACEAE	149000
MOR	#	Morus sp.	mulberry	FI	MORACEAE	401000
MORNI	_	Morus nigra L.	mulberry	FHI	MORACEAE	399000
MORNI	//	cf. Morus nigra	mulberry	FHI	MORACEAE	400000
MYOAQ	_	Myosoton aquaticum (L.)Moench	water chickweed	E	CARYOPHYLLACEAE	110000
MYOAQ	//	cf. Myosoton aquaticum	water chickweed	E	CARYOPHYLLACEAE	111000
MYOSTE	!#	Myosoton/Stellaria sp.	chickweed/stitchwort	ABCDEG	CARYOPHYLLACEAE	112000
MYS	#/	cf. Myosotis	forget-me-not	BCDE	BORAGINACEAE	409000
MYS	#	Myosotis sp.	forget-me-not	BCDE	BORAGINACEAE	410000
MYSSC	/	Myosotis cf. scorpioides	water forget-me-not	E	BORAGINACEAE	408600
NAJFLMA	!//	cf. Naja sp.	naiad	E	NAJADACEAE	603000
NEPCA	_	Nepeta cataria L.	cat-mint	C	LABIATAE	467000
NESPA	//	cf. Neslia paniculata (L.) Desv.	yellow ball mustard	AB	CRUCIFERAE	57900
NUPLU	_	Nuphar lutea (L.)Sm.	yellow water-lily	E	NYMPHAEACEAE	31500
ODOVE	_	Odontites verna	red bartsia	AB	SCROPHULARIACEAE	436500
OEN	#	Oenanthe sp.	dropwort	DE	UMBELLIFERAE	294910
OEN	##	Oenanthe spp.	dropwort	DE	UMBELLIFERAE	294920
OEN	#/	cf. Oenanthe sp.	dropwort	DE	UMBELLIFERAE	294930
OENAQ	_	Oenanthe aquatica (L.)Poiret	fine-leaved waterdropwort	E	UMBELLIFERAE	294500
OENAQ	/	Oenanthe cf. aquatica	fine-leaved waterdropwort	E	UMBELLIFERAE	294600
OENAQ	//	cf. Oenanthe aquatica	fine-leaved waterdropwort	E	UMBELLIFERAE	294700
OENAQCR	!	Oenanthe aquatica/crocata	water dropwort	E	UMBELLIFERAE	294800
OENAQCR	!//	cf. Oenanthe aquatica/crocata	water dropwort	E	UMBELLIFERAE	294900
OENCR	_	Oenanthe crocata	hemlock water dropwort	E	UMBELLIFERAE	294300

OENFI	_	Oenanthe fistulosa L.	water dropwort	E	UMBELLIFERAE	294000
OENFI	/	Oenanthe cf. fistulosa	water dropwort	E	UMBELLIFERAE	294100
OENPI	_	Oenanthe pimpinelloides L.	dropwort	DE	UMBELLIFERAE	294200
OENPI	/	Oenanthe cf. pimpinelloides	dropwort	DE	UMBELLIFERAE	294210
OLEEU	//	cf. Olea europaea	olive	FGHI	OLEACEAE	407900
OLEEU	_	Olea europaea	olive	FGHI	OLEACEAE	407950
ONOAC	_	Onopordum acanthium L.	scotch thistle	ABC	COMPOSITAE	546500
ONOVI	_L	Onobrychis viciifolia Scop.	sainfoin, legume	DI	LEGUMINOSAE	217000
ORIVU	_	Origanum vulgare L.	Marjoram	CD	LABIATAE	444000
ORNPE	_	Ornithopus perpusillus L.	birsfoot	D	LEGUMINOSAE	202000
ORNPE	_P	Ornithopus perpusillus L.	birdsfoot pod fragment	D	LEGUMINOSAE	202500
ORNPE	//	cf. Ornithopus perpusillus	birdsfoot	D	LEGUMINOSAE	203000
OXAAC	_	Oxalis acetosella L.	Wood-sorrel	C	OXALIDACEAE	193520
PANMI	_	Panicum miliaceum L.	common or broom-corn millet	FI	GRAMINEAE	925
PAP	#	Papaver sp.	poppy	ABGHI	PAPAVERACEAE	40000
PAP	##	Papaver spp.	poppy	ABGHI	PAPAVERACEAE	41000
PAP	#/	cf.Papaver sp.	poppy	ABGHI	PAPAVERACEAE	42000
PAPAR	_	Papaver argemone L.	long prickly-headed poppy	AB	PAPAVERACEAE	35000
PAPAR	/	Papaver cf. argemone	long prickly-headed poppy	AB	PAPAVERACEAE	36000
PAPDURH	!	Papaver rhoeas/dubium	field/long-headed poppy	ABGH	PAPAVERACEAE	34000
PAPRH	_	Papaver rhoeas L.	field poppy	ABGH	PAPAVERACEAE	32000
PAPRH	/	Papaver cf. rhoeas	field poppy	ABGH	PAPAVERACEAE	33000
PAPSO	_	Papaver somniferum L.	opium poppy	BGHI	PAPAVERACEAE	37000
PAPSO	/	Papaver cf. somniferum	opium poppy	BGHI	PAPAVERACEAE	38000
PAPSO	//	cf. Papaver somniferum	opium poppy	BGHI	PAPAVERACEAE	39000
PASHER	!##	Pastinaca/Heracleum spp.	wild parsnip/hogweed	BCDG	UMBELLIFERAE	303200
PASSA	_	Pastinaca sativa L.	wild parsnip	CD	UMBELLIFERAE	303100
PASSA	//	cf. Pastinaca sativa L.	wild parsnip	CD	UMBELLIFERAE	303150
PETCR	//	cf. Petroselinum crispum	garden parsley	BFGI	UMBELLIFERAE	301400
PHA	!#	Phalaris type		BE	GRAMINEAE	703800

PHL	#	Phleum sp.	cat's tail	DE	GRAMINEAE	702000
PHL	#/	cf. Phleum sp.	cat's tail	DE	GRAMINEAE	703000
PHL	##/	cf. Phleum spp.	cat's tail	DE	GRAMINEAE	703500
PHL	!##	Phleum type	-	-	GRAMINEAE	703600
PHLPOA	!#	Poa/Phleum sp.	poa/cat's tail	ABCDE	GRAMINEAE	659000
PHODA	//	cf. Phoenix dactylifera	date palm	FI	PALMAE	641500
PHY	#/	cf. Phyteuma sp.	rampion	CD	CAMPANULACEAE	484500
PIC	#	Picris sp.	ox-tongue	BCD	COMPOSITAE	572000
PICAB	_	Picea abies (L.) Karsten	norway spruce		PINACEAE	3700
PICEC	_	Picris echioides L.	bristly ox-tongue	BC	COMPOSITAE	570000
PICEC	/	Picris cf. echioides	bristly ox-tongue	BC	COMPOSITAE	570500
PICEC	//	cf. Picris echioides L.	bristly ox-tongue	BC	COMPOSITAE	571000
PICHI	//	cf. Picris hieracioides	hawkweed ox-tongue	BD	COMPOSITAE	571500
PIMAEG	!#	Pimpinella/Aegopodium sp.		ABCD	UMBELLIFERAE	282150
PIMCONPET	!#	Pimpinella/Conium/Petroselinum sp.	burnet saxifrage/hemlock/parsl	CDEFGI	UMBELLIFERAE	302000
PIMDI	_	Pimenta dioica	allspice, berry	FI	MYRTACEAE	344480
PIN	#	Pinus sp.	pine	CFHI	PINACEAE	4000
PINPI	_	Pinus pinea L.	stone pine	FHI	PINACEAE	3960
PINSYMU	!	Pinus sylvestris/mugo	scots pine/mountain pine		PINACEAE	3975
PIPNI	_	Piper nigrum	pepper	FGI	PIPERACEAE	420500
PIPNI	//	cf. Piper nigrum	pepper	FGI	PIPERACEAE	420550
PIS	#	Pisum sp.	pea	FI	LEGUMINOSAE	216650
PISSA	_	Pisum sativum L.	pea	FI	LEGUMINOSAE	216500
PISSA	//	cf. Pisum sativum	pea	FI	LEGUMINOSAE	216600
PLA	#	Plantago sp.	plantain/ribwort	ABCD	PLANTAGINACEAE	483000
PLA	#/	cf. Plantago sp.	plantain/ribwort	ABCD	PLANTAGINACEAE	484000
PLALA	_	Plantago lanceolata L.	ribwort	D	PLANTAGINACEAE	478000
PLALA	/	Plantago cf. lanceolata	ribwort	D	PLANTAGINACEAE	479000
PLALA	//	cf. Plantago lanceolata	ribwort	D	PLANTAGINACEAE	480000
PLALA	!	Plantago lanceolata type	ribwort	D	PLANTAGINACEAE	481000
PLALA	!//	cf. Plantago lanceolata type	ribwort	D	PLANTAGINACEAE	482000
PLAMA	_	Plantago major L.	great plantain	ABC	PLANTAGINACEAE	474000

PLAMA	//	cf. Plantago major	great plantain	ABC	PLANTAGINACEAE	475000
PLAME	_	Plantago media L.	hoary plantain	D	PLANTAGINACEAE	476000
PLAME	//	cf. Plantago media	hoary plantain	D	PLANTAGINACEAE	477000
PLT	#	Platanus sp.	plane		PLATANACEAE	274200
POA	##	Poa spp	poa	ABDE	GRAMINEAE	655000
POA	!#	Poa spp type	poa	ABDE	GRAMINEAE	656000
POA	#/	cf. Poa sp.	poa	ABCDE	GRAMINEAE	657000
POA	##/	cf. Poa spp.	poa	ABCDE	GRAMINEAE	658000
POAAN	_	Poa annua L.	annual poa	ABDE	GRAMINEAE	653000
POAAN	//	cf. Poa annua	annual poa	ABDE	GRAMINEAE	654000
POL	#	Polygonum sp.	-	ABCDEFG	POLYGONACEAE	364000
POL	##	Polygonum spp.	-	ABCDEFG	POLYGONACEAE	365000
POL	#/	cf. Polygonum sp.	-	ABCDEFG	POLYGONACEAE	366000
POLAM	//	cf.Polygonum amphibium L.	Amphibious bistort	E	POLYGONACEAE	349500
POLAR	_	Polygonum arenastrum Bor.	small-leaved knotgrass	BC	POLYGONACEAE	348500
POLAV	_	Polygonum aviculare L.	knotgrass	ABG	POLYGONACEAE	346000
POLAV	/	Polygonum cf. aviculare	knotgrass	ABG	POLYGONACEAE	347000
POLAV	//	cf. Polygonum aviculare	knotgrass	ABG	POLYGONACEAE	347500
POLAV	!	Polygonum aviculare agg.	knotgrass	ABG	POLYGONACEAE	348000
POLBI	_	Polygonum bistorta L.	bistort	DF	POLYGONACEAE	349000
POLHY	_	Polygonum hydropiper L.	water pepper	E	POLYGONACEAE	359000
POLHY	/	Polygonum cf. hydropiper	water pepper	E	POLYGONACEAE	360000
POLHYMI	!	Polygonum hydropiper/mite	water-pepper	E	POLYGONACEAE	360700
POLLA	_	Polygonum lapathifolium L.	pale persicaria	ABE	POLYGONACEAE	352000
POLLA	!	Polygonum lapathifolium type	pale persicaria	ABE	POLYGONACEAE	353000
POLLA	/	Polygonum cf. lapathifolium	pale persicaria	ABE	POLYGONACEAE	354000
POLLA	//	cf. Polygonum lapathifolium	pale persicaria	ABE	POLYGONACEAE	355000
POLMI	/	Polygonum cf. mite	tasteless water-pepper	E	POLYGONACEAE	360500
POLPE	_	Polygonum persicaria L.	persicaria	ABEH	POLYGONACEAE	350000
POLPE	/	Polygonum cf. persicaria	persicaria	ABEH	POLYGONACEAE	351000
POLPELA	!	Polygonum persicaria/lapathifolium	persicaria	ABEH	POLYGONACEAE	356000

POLPELA	!/	Polygonum cf. persicaria/lapathifol	persicaria	ABEH	POLYGONACEAE	357000
POLPELA	!//	cf. Polygonum persicaria/lapathifol	persicaria	ABEH	POLYGONACEAE	358000
POLY	~	Polygonaceae indet.	-	-	POLYGONACEAE	385000
POLY	~/	cf. Polygonaceae indet.	-	-	CF. POLYGONACEAE	386000
POT	#	Potentilla sp.	cinquefoil/tormentil	BCDEFGH	ROSACEAE	245000
POT	##	Potentilla spp.	cinquefoil/tormentil	BCDEFGH	ROSACEAE	246000
POT	#/	cf..Potentilla sp.	cinquefoil/tormentil	BCDEFGH	ROSACEAE	247000
POTAN	_	Potentilla anserina	silverweed	BDE	ROSACEAE	230500
POTAR	_	Potentilla argentea L.	hoary cinquefoil	D	ROSACEAE	231000
POTAR	!	Potentilla argentea type	hoary cinquefoil	D	ROSACEAE	232000
POTAR	/	Potentilla cf. argentea	hoary cinquefoil	D	ROSACEAE	233000
POTER	_	Potentilla erecta (L.) Rausch	tormentil	CDEGH	ROSACEAE	234000
POTER	!	Potentilla erecta type	tormentil	CDEGH	ROSACEAE	235000
POTER	/	Potentilla cf. erecta	tormentil	CDEGH	ROSACEAE	236000
POTER	//	cf. Potentilla erecta	tormentil	CDEGH	ROSACEAE	237000
POTERAN	_	Potentilla argentea/erecta	hoary cinquefoil/tormentil	CDEGH	ROSACEAE	238000
POTERAN	!	Potentilla argentea/erecta type	hoary cinquefoil/tormentil	CDEGH	ROSACEAE	239000
POTERAN	!/	Potentilla cf. argentea/erecta typ	hoary cinquefoil/tormentil	CDEGH	ROSACEAE	240000
POTERAN	//	cf. Potentilla argentea/erecta	hoary cinquefoil/tormentil	CDEGH	ROSACEAE	241000
POTPA	_	Potentilla palustris	marsh cinquefoil	E	ROSACEAE	228500
POTPA	/	Potentilla cf. palustris	marsh cinquefoil	E	ROSACEAE	229000
POTPA	//	cf. Potentilla palustris	marsh cinquefoil	E	ROSACEAE	230000
POTRC	_	Potentilla recta	sulphur cinquefoil	AB	ROSACEAE	233500
POTRE	_	Potentilla reptans L.	creeping cinquefoil	BCD	ROSACEAE	242000
POTRE	!	Potentilla reptans type	creeping cinquefoil	BCD	ROSACEAE	243000
POTRE	/	Potentilla cf. reptans	creeping cinquefoil	BCD	ROSACEAE	244000
PRI	#/	cf. Primula sp.		CDE	PRIMULACEAE	406350
PRIM	~	Primulaceae sp.	-	-	PRIMULACEAE	407550
PRU	#	Prunus sp.	-	CFGI	ROSACEAE	267000
PRU	##	Prunus spp.	-	CFGI	ROSACEAE	268000
PRU	#/	cf. Prunus sp.	-	CFGI	ROSACEAE	269000

PRUAR	_	Prunus armeniaca L.	apricot	CFGI	ROSACEAE	266500
PRUAV	_	Prunus avium (L.) L.	cherry	CFGI	ROSACEAE	262000
PRUAV	!	Prunus avium type	cherry	CFGI	ROSACEAE	262500
PRUAVCE	!	Prunus avium/cerasus	sloe/cherry	CFGI	ROSACEAE	265000
PRUAVCESP	!	Prunus spinosa/avium/cerasus	sloe/cherry	CFGI	ROSACEAE	266000
PRUCE	_	Prunus cerasus L.	sour/morello cherry	CI	ROSACEAE	263000
PRUCE	/	Prunus cf. cerasus	sour cherry	CI	ROSACEAE	264000
PRUDO	_	Prunus domestica L.	plum/bullace	CFI	ROSACEAE	260000
PRUDO	/	Prunus cf. domestica	plum/bullace	CFI	ROSACEAE	261000
PRUPE	_	Prunus persica (L.)Batsch	Peach	FI	ROSACEAE	261500
PRUSP	_	Prunus spinosa L.	sloe/blackthorn	CFG	ROSACEAE	258000
PRUSP	/	Prunus cf. spinosa	sloe/blackthorn	CFG	ROSACEAE	259000
PRUVU	_	Prunella vulgaris L.	self-heal	BCDG	LABIATAE	450000
PRUVU	//	cf. Prunella vulgaris	self-heal	BDCG	LABIATAE	451000
PSEME	_	Pseudotsuga menziesii(Mirbel)Franco	douglas fir		PINACEAE	3600
PTEAQ	_	Pteridium aquilinum (L.)Kuhn	bracken	CDGH	POLYPODIACEAE	3000
PTM	#	Potamogeton sp.L.	pondweed	E	POTAMOGETONACEAE	600000
PTM	#/	cf. Potamogeton sp.L.	pondweed	E	POTAMOGETONACEAE	601000
PUC	#	Puccinellia sp.	-	E	GRAMINEAE	651000
PUC	#/	cf. Puccinellia sp.	-	E	GRAMINEAE	652000
PULDY	_	Pulicaria dysenterica (L.)Bernh.	fleabane	DE	COMPOSITAE	511000
PYR	#	Pyrus sp.	pear	CFI	ROSACEAE	270940
PYR	#/	cf. Pyrus sp.	pear	CFI	ROSACEAE	270950
PYRPY	//	cf. Pyrus pyraster	pear	CFI	ROSACEAE	270930
QUEROPE	!	Quercus robur/petraea	oak		FAGACEAE	406150
RAN	#	Ranunculus sp.	-	ABCDEG	RANUNCULACEAE	30000
RAN	##	Ranunculus spp.	-	ABCDEG	RANUNCULACEAE	30500
RAN	#/	cf. Ranunculus sp.	-	ABCDEG	RANUNCULACEAE	31000
RANAC	/	Ranunculus cf. acris	meadow buttercup	CDE	RANUNCULACEAE	6500

RANACBURE	!	Ranunculus acris/repens/bulbosus	buttercups	ABCDEG	RANUNCULACEAE	7000
RANACBURE	!/	Ranunculus cf. acris/repens/bulbosu	buttercups	ABCDEG	RANUNCULACEAE	8000
RANACBURE	!//	cf. Ranunculus acris/repens/bulbosu	buttercups	ABCDEG	RANUNCULACEAE	9000
RANAR	_	Ranunculus arvensis L.	corn crowfoot	A	RANUNCULACEAE	10000
RANAR	/	Ranunculus cf.arvensis	corn crowfoot	A	RANUNCULACEAE	11000
RANAR	//	cf. Ranunculus arvensis	corn crowfoot	A	RANUNCULACEAE	12000
RANAR	!	Ranunculus arvensis	corn crowfoot	A	RANUNCULACEAE	12500
RANAU	/	Ranunculus cf. auricomus	goldilocks	C	RANUNCULACEAE	16000
RANBA	!	Ranunculus subgen. Batrachium (DC)A	crowfoots	E	RANUNCULACEAE	25000
RANBA	!/	Ranunculus cf. subgen. Batrachium	crowfoots	E	RANUNCULACEAE	26000
RANFL	_	Ranunculus flammula L.	lesser spearwort	EG	RANUNCULACEAE	19000
RANFL	/	Ranunculus cf. flammula	lesser spearwort	EG	RANUNCULACEAE	20000
RANFL	//	cf. Ranunculus flammula	lesser spearwort	EG	RANUNCULACEAE	21000
RANLI	_	Ranunculus lingua L.	great spearwort	E	RANUNCULACEAE	17000
RANLI	/	Ranunculus cf. lingua	great spearwort	E	RANUNCULACEAE	18000
RANPA	/	Ranunculus cf. parviflorus	small-flowered buttercup	CD	RANUNCULACEAE	15000
RANRE	/	Ranunculus cf. repens	creeping buttercup	CD	RANUNCULACEAE	6600
RANSA	_	Ranunculus sardous Crantz	hairy buttercup	ABE	RANUNCULACEAE	13000
RANSA	/	Ranunculus cf. sardous	hairy buttercup	ABE	RANUNCULACEAE	14000
RANSC	_	Ranunculus sceleratus L.	celery-leaved crowfoot	E	RANUNCULACEAE	22000
RANSC	/	Ranunculus cf. sceleratus	celery-leaved crowfoot	E	RANUNCULACEAE	23000
RANSC	//	cf. Ranunculus sceleratus	celery-leaved crowfoot	E	RANUNCULACEAE	24000
RAPRA	_	Raphanus raphanistrum L.	wild radish/charlock	A	CRUCIFERAE	54000
RAPRA	_S	Raphanus raphanistrum L.	wild radish/charlock, siliqua	A	CRUCIFERAE	54050
RAPRA	//	cf. Raphanus raphanistrum	wild radish/charlock	A	CRUCIFERAE	55000
RES	#	Reseda sp.	weld/mignonette	AB	RESEDACEAE	77000
RES	#/	cf. Reseda sp.	weld/mignonette	AB	RESEDACEAE	77500
RESLT	_	Reseda lutea L.	wild mignonette	AB	RESEDACEAE	75000

RESLT	//	cf. Reseda lutea	wild mignonette	AB	RESEDACEAE	76000
RESLU	_	Reseda luteola L.	weld/dyer's rocket	ABGHI	RESEDACEAE	73000
RESLU	//	cf. Reseda luteola	weld-dyer's rocket	ABGHI	RESEDACEAE	74000
RHACA	_	Rhamnus catharticus L.	buckthorn		RHAMNACEAE	194100
RHIBOMISE	!	Rhinanthus sp.	yellow rattle	ABDGH	SCROPHULARIACEAE	435000
RHIBOMISE	!/	cf. Rhinanthus sp.	yellow rattle	ABDGH	SCROPHULARIACEAE	436000
RHIMI	-	Rhinanthus minor L.	yellow rattle	D	SCROPHULARIACEAE	433000
RHIMI	//	cf. Rhinanthus minor	yellow rattle	D	SCROPHULARIACEAE	434000
RIBRU	/	Ribes cf. rubrum	red currant	CFI	GROSSULARIACEAE	274600
ROBPS	_	Robinia pseudoacacia L.	acacia		LEGUMINOSAE	196200
ROR	#	Rorippa sp.	-	E	CRUCIFERAE	67200
RORIS	_	Rorippa islandica (Oeder)Borbas	marsh yellow-cress	E	CRUCIFERAE	64000
RORIS	/	Rorippa cf. islandica	marsh yellow-cress	E	CRUCIFERAE	65000
RORIS	//	cf. Rorippa islandica	marsh yellow-cress	E	CRUCIFERAE	66000
RORMI	/	Rorippa cf. microphylla	one-rowed watercress	E	CRUCIFERAE	63000
RORMINA	!	Rorippa microphylla/islandica	cress	E	CRUCIFERAE	67000
RORNA	_	Rorippa nasturtium-aquaticum (L.)Ha	watercress	EFI	CRUCIFERAE	60000
RORNA	/	Rorippa cf. nasturtium-aquaticum	watercress	EFI	CRUCIFERAE	61000
RORNA	//	cf. Rorippa nasturtium-aquaticum	watercress	EFI	CRUCIFERAE	62000
RORSY	/	cf. Rorippa sylvestris	creeping yellow-cress	ADE	CRUCIFERAE	63500
ROS	#	Rosa sp.	rose	CGI	ROSACEAE	257000
ROSA	~	Rosaceae indet.	-	-	ROSACEAE	274000
ROSA	~TH	Rosaceae indet.	- thorn	-	ROSACEAE	274050
ROSA	~/	cf.Rosaceae indet.	-	-	ROSACEAE	274100
ROSCA	/	Rosa cf. canina	dogrose	CG	ROSACEAE	256000
RUB	#	Rubus sp.		CDFGH	ROSACEAE	228200
RUBCAFR	!	Rubus fruticosus/caesius	blackberry/dewberry	CDFGH	ROSACEAE	228000
RUBCAFRID	!	Rubus fruticosus/idaeus/caesius	blackberry/raspberry/dewberry	CDFGH	ROSACEAE	226000
RUBFR	_	Rubus fruticosus sens. lat.	blackberry	CFGH	ROSACEAE	222000
RUBFR	!	Rubus fruticosus agg.	blackberry	CFGH	ROSACEAE	223000

RUBFR	/	Rubus cf. fruticosus agg.	blackberry	CFGH	ROSACEAE	224000
RUBFRID	!	Rubus fruticosus/idaeus	blackberry/raspberry	CFGH	ROSACEAE	225000
RUBFRID	!HD	Rubus fruticosus/idaeus	seed head	CFGH	ROSACEAE	225010
RUBFRID	!//HD	cf. Rubus fruticosus/idaeus	seed head	CFGH	ROSACEAE	225020
RUBI	~	Rubiaceae indet.	-	-	RUBIACEAE	491900
RUBI	~/	cf. Rubiaceae indet.	-	-	cf. RUBIACEAE	492000
RUBID	_	Rubus idaeus	raspberry	CFG	ROSACEAE	226500
RUBID	/	Rubus cf. idaeus	raspberry	CFG	ROSACEAE	227000
RUM	#	Rumex sp.	dock	ABCDEFG	POLYGONACEAE	383000
RUM	#P	Rumex sp.	dock, perianth	ABCDEFG	POLYGONACEAE	383100
RUM	##	Rumex spp.	docks	ABCDEFG	POLYGONACEAE	384000
RUM	##/	cf. Rumex spp.	docks	ABCDEFG	POLYGONACEAE	384500
RUMAC	_	Rumex acetosella L.	sheep's sorrel	AD	POLYGONACEAE	367000
RUMAC	/	Rumex cf. acetosella	sheep's sorrel	AD	POLYGONACEAE	368000
RUMAC	//	cf. Rumex acetosella	sheep's sorrel	AD	POLYGONACEAE	369000
RUMAC	!	Rumex acetosella agg.	sheep's sorrel	AD	POLYGONACEAE	370000
RUMAC	!!	Rumex acetosella type	sheep's sorrel	AD	POLYGONACEAE	370500
RUMAC	!//	cf. Rumex acetosella agg.	sheep's sorrel	AD	POLYGONACEAE	371000
RUMAT	!	Rumex acetosa type	common sorrel	CDF	POLYGONACEAE	371100
RUMCACROB	!	Rumex acetosa/crispus/obtusifolius	dock	ABCD	POLYGONACEAE	376000
RUMCACROB	!/	Rumex cf. acetosa/crispus/obtusifo	dock	ABCD	POLYGONACEAE	377000
RUMCO	_	Rumex conglomeratus Murr.	sharp dock	CDE	POLYGONACEAE	381000
RUMCO	_B	Rumex conglomeratus Murr.	sharp dock bract	CDE	POLYGONACEAE	381010
RUMCR	_B	Rumex crispus L.	curled dock bract	BC	POLYGONACEAE	373500
RUMCR	/B	cf. Rumex crispus L.	curled dock bract	BC	POLYGONACEAE	373600
RUMHY	_	Rumex hydrolapathum Huds.	great water dock	E	POLYGONACEAE	371500
RUMHY	/	Rumex cf. hydrolapathum	great water dock	E	POLYGONACEAE	372000
RUMMA	_	Rumex maritimus L.	golden dock	EJ	POLYGONACEAE	382000
RUMMA	_B	Rumex maritimus L.	golden dock, perianth	EJ	POLYGONACEAE	382500
RUMOB	_	Rumex obtusifolius L.	broad-leaved dock	BC	POLYGONACEAE	373000
RUMOB	!	Rumex obtusifolius type	broad-leaved dock	BC	POLYGONACEAE	374000
RUMOB	/	Rumex cf. obtusifolius	broad-leaved dock	BC	POLYGONACEAE	375000

RUMOB	/B	Rumex cf. obtusifolius	brdlvd dock bract	BC	POLYGONACEAE	375010
RUMSA	_	Rumex sanguineus L.	red-veined dock	BCD	POLYGONACEAE	379000
RUMSA	/	Rumex cf. sanguineus	red-veined dock	BCD	POLYGONACEAE	380000
RUMSACO	!	Rumex sanguineus/conglomeratus	dock	BC	POLYGONACEAE	378000
RUTGR	_	Ruta graveolens	rue	FGI	RUTACEAE	345550
SAGSA	//	Sagittaria sagittifolia L.	arrow-head	E	ALISMATACEAE	596500
SAL	!	Salix type	willow	CE	SALICACEAE	406200
SAL	#C	Salix sp.	willow, capsule	CE	SALICACEAE	406250
SALI	~	Populus sp./Salix sp.	willow/poplar/aspen	-	SALICACEAE	406300
SAM	#	Sambucus sp.	elder	BCFGH	CAPRIFOLIACEAE	495500
SAM	##	Sambucus spp.	elder	BCFGH	CAPRIFOLIACEAE	495550
SAMEBNI	!	Sambucus nigra/ebulus	elder/danewort	BCFGH	CAPRIFOLIACEAE	495000
SAMNI	_	Sambucus nigra L.	elder	BCFGH	CAPRIFOLIACEAE	493000
SAMNI	/	Sambucus cf. nigra	elder	BCFGH	CAPRIFOLIACEAE	494000
SAPOF	//	cf. Saponaria officinalis	soapwort	CEH	CARYOPHYLLACEAE	105000
SATHO	_	Satureja hortensis	summer savory	FGI	LABIATAE	445000
SATHO	!	Satureja hortensis type	summer savory	FGI	LABIATAE	446000
SATHO	//	cf. Satureja hortensis	summer savory	FGI	LABIATAE	447000
SATMO	!//	cf. Satureja montana	savory	FI	LABIATAE	448000
SAX	#	Saxifraga sp.	saxifrage	CDE	SAXIFRAGACEAE	274500
SCHLA	_	Schoenoplectus lacustris (L.)Palla	bulrush	E	CYPERACEAE	630000
SCHLA	/	Schoenoplectus cf. lacustris	bulrush	E	CYPERACEAE	631000
SCHLA	//	cf. Schoenoplectus lacustris	bulrush	E	CYPERACEAE	632000
SCHLATA	!	Schoenoplectus lacustris/tabernaem.	bulrush	E	CYPERACEAE	633000
SCHLATA	!//	cf. Schoenoplectus lacus./tabernae.	bulrush	E	CYPERACEAE	633500
SCI	##	Scirpus spp.	club-rushes	EH	CYPERACEAE	627000
SCI	#/	cf. Scirpus sp.	club-rush	E	CYPERACEAE	629000
SCIMA	_	Scirpus maritimus L.	Sea Club-rush	E	CYPERACEAE	625000
SCISCHLA	!#_	Scirpus/Schoenoplectus lacustris		E	CYPERACEAE	633600
SCISCHLA	!#_/	cf. Scirpus/ Schoenoplectus lacustri		E	CYPERACEAE	633610

SCLAN	_	Scleranthus annuus L.	annual knawel	AB	CARYOPHYLLACEAE	144000
SCLAN	//	cf. Scleranthus annuus	annual knawel	AB	CARYOPHYLLACEAE	145000
SCR	#	Scrophularia sp.	figwort	CE	SCROPHULARIACEAE	422000
SCRNO	/	Scrophularia cf. nodosa	figwort	CEG	SCROPHULARIACEAE	421000
SECCE	_	Secale cereale	rye	FI	GRAMINEAE	600
SECCE	_R	Secale cereale	rye rachis	FI	GRAMINEAE	610
SECCE	//	cf. Secale cereale	rye	FI	GRAMINEAE	620
SECCE	//R	cf. Secale cereale	rye rachis	FI	GRAMINEAE	625
SECCE	//A	cf. Secale cereale	rye awn	FI	GRAMINEAE	630
SECTRI	!#	Triticum/Secale sp.	wheat/rye	FI	GRAMINEAE	650
SECTRI	!##	Triticum/Secale spp.	wheat/rye	FI	GRAMINEAE	652
SECTRI	!#R	Triticum/Secale sp.	wheat/rye rachis	FI	GRAMINEAE	655
SEN	#	Senecio sp.	ragwort	ABCDEG	COMPOSITAE	509000
SEN	#/	cf. Senecio sp.	ragwort	ABCDEG	COMPOSITAE	510000
SENAQ	/	Senecio cf.aquaticus	marsh ragwort	DE	COMPOSITAE	508000
SENJA	/	Senecio cf. jacobea	ragwort	BG	COMPOSITAE	507000
SESLI	_	Seseli libanotis (L)Koch	moon carrot	CD	UMBELLIFERAE	292500
SET	#	Setaria sp.	-	B	GRAMINEAE	704100
SET	#/	cf. Setaria sp.	-	B	GRAMINEAE	704200
SETVIVE	/	Setaria cf. viridis/verticillata	green/bur bristle-grass	A	GRAMINAE	704050
SHEAR	_	Sherardia arvensis L.	field madder	AB	RUBIACEAE	485000
SIBMA	//	cf. Silybum marianum	milk-thistle	B	COMPOSITAE	546100
SIL	#	Silene sp.	campion/catchfly	ABCDF	CARYOPHYLLACEAE	95000
SIL	##	Silene spp.	campions/catchflies	ABCDF	CARYOPHYLLACEAE	96000
SIL	#/	cf. Silene sp.	campion/catchfly	ABCDF	CARYOPHYLLACEAE	97000
SILAL	/	Silene cf. alba	white campion	ABC	CARYOPHYLLACEAE	85000
SILALDI	!	Silene dioica/alba type	white/red campion	ABCD	CARYOPHYLLACEAE	86000
SILALDI	/	Silene cf. dioica/alba	white/red campion	ABCD	CARYOPHYLLACEAE	87000
SILALDINO	!	Silene alba/dioica/noctiflora	campion	ABC	CARYOPHYLLACEAE	89000
SILALNO	!	Silene alba/noctiflora	campion	ABC	CARYOPHYLLACEAE	88000
SILALNOVU	!	Silene alba/noctiflora/vulgaris	campion	ABCDF	CARYOPHYLLACEAE	90000
SILALVU	!	Silene alba/vulgaris	white/bladder campion	ABDF	CARYOPHYLLACEAE	92500
SILDI	_	Silene dioica (L.) Clairv.	red campion	CD	CARYOPHYLLACEAE	83000
SILDI	/	Silene cf. dioica	red campion	CD	CARYOPHYLLACEAE	84000

SILMA	/	Silene cf. maritima	sea campion	ABDF	CARYOPHYLLACEAE	93000
SILMAVU	!	Silene vulgaris/maritima	bladder/sea campion	ABDF	CARYOPHYLLACEAE	94000
SILSI	//	cf. Silaum silaus	pepper saxifrage	D	UMBELLIFERAE	297500
SILSTE	!#	Silene/Stellaria sp.	campion/stitchwort	ABCDEG	CARYOPHYLLACEAE	132000
SILSTE	!##	Silene/Stellaria spp.	campion/stitchwort	ABCDEG	CARYOPHYLLACEAE	132100
SILSTE	!#/	cf. Silene/Stellaria sp.	campion/stitchwort	ABCDEG	CARYOPHYLLACEAE	132500
SILVU	_	Silene vulgaris(Moench)Garcke	bladder campion	ABDF	CARYOPHYLLACEAE	91000
SILVU	/	Silene cf. vulgaris	bladder campion	ABDF	CARYOPHYLLACEAE	92000
SINAL	_	Sinapis alba L.	white mustard	ABFGHI	CRUCIFERAE	53500
SISOF	_	Sisymbrium officinale (L.) Scop	hedge mustard	ABCG	CRUCIFERAE	67500
SISOF	!	Sisymbrium officinale type	hedge mustard	ABCG	CRUCIFERAE	67700
SOL	#	Solanum sp.	nightshade	BD	SOLANACEAE	419000
SOLA	~	Solanaceae indet.	-	-	SOLANACEAE	419500
SOLA	~/	cf. Solanaceae indet.	-	-	CF. SOLANACEAE	420000
SOLDU	_	Solanum dulcamara L.	woody nightshade	BC	SOLANACEAE	414000
SOLDU	//	cf. Solanum dulcamara	woody nightshade	BC	SOLANACEAE	415000
SOLNI	_	Solanum nigrum L.	black nightshade	BF	SOLANACEAE	416000
SOLNI	/	Solanum cf. nigrum	black nightshade	BF	SOLANACEAE	417000
SOLNI	//	cf. Solanum nigrum	black nightshade	BF	SOLANACEAE	418000
SON	#	Sonchus sp.	milk-/sow-thistle	ABE	COMPOSITAE	579000
SON	#/	cf. Sonchus sp.	milk-/sow-thistle	ABE	COMPOSITAE	580000
SONAR	_	Sonchus arvensis L.	field milk-thistle	ADE	COMPOSITAE	573000
SONAS	_	Sonchus asper (L.) Hill	spiny milk-/sow-thistle	AB	COMPOSITAE	576000
SONAS	/	Sonchus cf. asper	spiny milk-/sow-thistle	AB	COMPOSITAE	577000
SONASOL	!	Sonchus asper/oleraceus	milk/sow thistle	AB	COMPOSITAE	578000
SONOL	_	Sonchus oleraceus L.	milk-/sow-thistle	AB	COMPOSITAE	574000
SONOL	/	Sonchus cf. oleraceus	milk-/sow-thistle	AB	COMPOSITAE	575000
SOR	#	Sorbus sp.	rowan/service/etc		ROSACEAE	270900
SORMAL	!#	Sorbus/ Malus sp.	rowan,service etc./ apple	CFHI	ROSACEAE	270920
SPA	#	Sparganium sp.	bur-reed	E	SPARGANIACEAE	614000
SPA	#/	cf. Sparganium sp.	bur-reed	E	SPARGANIACEAE	615000
SPEAR	_	Spergula arvensis L.	corn spurrey	ADF	CARYOPHYLLACEAE	142000
SPEAR	//	cf. Spergula arvensis	corn spurrey	ADF	CARYOPHYLLACEAE	143000

STA	#	Stachys sp.	woundwort	ACEG	LABIATAE	453000
STA	#/	cf. Stachys sp.	woundwort	ACEG	LABIATAE	454000
STAPA	_	Stachys palustris L.	marsh woundwort	AE	LABIATAE	451800
STAPA	/	Stachys cf. palustris	marsh woundwort	AE	LABIATAE	451900
STAPA	/	cf. Stachys palustris	marsh woundwort	AE	LABIATAE	452000
STE	#	Stellaria sp.	chickweed/stitchwort	ABCDEG	CARYOPHYLLACEAE	129000
STE	##	Stellaria spp.	chickweed/stitchwort	ABCDEG	CARYOPHYLLACEAE	130000
STE	#/	cf. Stellaria sp.	chickweed/stitchwort	ABCDEG	CARYOPHYLLACEAE	131000
STE	##/	cf. Stellaria spp.	chickweed/stitchwort	ABCDEG	CARYOPHYLLACEAE	131500
STEAL	_	Stellaria alsine Grimm	bog stitchwort	E	CARYOPHYLLACEAE	126000
STEAL	/	Stellaria cf. alsine	bog stitchwort	E	CARYOPHYLLACEAE	127000
STEAL	//	cf. Stellaria alsine	bog stitchwort	E	CARYOPHYLLACEAE	128000
STEGR	_	Stellaria graminea L.	lesser stitchwort	CD	CARYOPHYLLACEAE	120000
STEGR	!	Stellaria graminea type	lesser stitchwort	CD	CARYOPHYLLACEAE	121000
STEGR	!/	cf. Stellaria graminea type	lesser stitchwort	CD	CARYOPHYLLACEAE	122000
STEGR	/	Stellaria cf. graminea	lesser stitchwort	CD	CARYOPHYLLACEAE	123000
STEGR	//	cf. Stellaria graminea	lesser stitchwort	CD	CARYOPHYLLACEAE	124000
STEGRME	!	Stellaria media/graminea	chickweed/stitchwor	ABCD	CARYOPHYLLACEAE	124500
STEGRPA	!	Stellaria graminea/palustris	stitchwort	CDE	CARYOPHYLLACEAE	125000
STEHO	_	Stellaria holostea L.	greater stitchwort	CG	CARYOPHYLLACEAE	117000
STEHO	//	cf. Stellaria holostea L.	greater stitchwort	CG	CARYOPHYLLACEAE	118000
STEME	_	Stellaria media (L.) Vill.	chickweed	AB	CARYOPHYLLACEAE	113000
STEME	/	Stellaria cf. media	chickweed	AB	CARYOPHYLLACEAE	114000
STEME	//	cf. Stellaria media	chickweed	AB	CARYOPHYLLACEAE	115000
STEME	!	Stellaria media gp.	chickweeds	ABCDE	CARYOPHYLLACEAE	116000
STENE	/	Stellaria cf. nemorum	wood chickweed	CE	CARYOPHYLLACEAE	112800
STEPA	/	Stellaria cf. palustris	marsh stitchwort	E	CARYOPHYLLACEAE	119000
TAR	#	Taraxacum sp.	dandelion	BCDEFGH	COMPOSITAE	588000
TAR	##	Taraxacum spp.	dandelion	BCDEFGH	COMPOSITAE	588500
TAROF	_	Taraxacum officinale Weber	dandelion	BDFGH	COMPOSITAE	586000
TAROF	/	Taraxacum cf. officinale	dandelion	BDFGH	COMPOSITAE	587000
TAXBA	_	Taxus baccata L.	yew		PINACEAE	4200
TEU	#	Teucrium sp.	germander	CDEG	LABIATAE	470000
THAFL	_	Thalictrum flavum L.	common meadow rue	DE	RANUNCULACEAE	27000

THAFL	/	Thalictrum cf.flavum	common meadow rue		DE	RANUNCULACEAE	28000
THAFLMI	!	Thalictrum flavum/minus	meadow-rue		DE	RANUNCULACEAE	29000
THAFLMI	!//	cf. Thalicrum flavum/minus	meadow rue		DE	RANUNCULACEAE	29200
THLAR	_	Thlaspi arvense L.	field penny-cress		AB	CRUCIFERAE	57000
TIL	#	Tilia sp.	lime			TILIACEAE	183500
TILPLCOEU	!	Tilia platyphyllos/cordata/europaea	lime			TILIACEAE	183400
TORAR	_	Torilis arvensis(Huds.)Link	spreading hedge-parsley		A	UMBELLIFERAE	304100
TORAR	/	Torilis cf.arvensis	spreading hedge-parsley		A	UMBELLIFERAE	304200
TORARJANO	!	Torilis sp.	hedge-parsley		ACD	UMBELLIFERAE	304700
TORARJANO	!/	cf. Torilis sp.	hedge-parsley		ACD	UMBELLIFERAE	304800
TORJA	_	Torilis japonica (Houtt.)DC	upright hedge-parsley		CD	UMBELLIFERAE	304000
TORJANO	!	Torilis japonica/nodosa	hedge-parsley		ACD	UMBELLIFERAE	304500
TORJANO	!//	cf. Torilis japonica/nodosa	hedge-parsley		ACD	UMBELLIFERAE	304600
TORNO	_	Torilis nodosa (L.) Gaertn.	knotted hedge-parsley		AD	UMBELLIFERAE	304300
TORNO	//	cf. Torilis nodosa	knotted hedge-parsley		AD	UMBELLIFERAE	304400
TORNO	/	Torilis cf. nodosa	knotted hedge-parsley		AD	UMBELLIFERAE	304450
TRF	#	Trifolium sp.	clover		ABDI	LEGUMINOSAE	200000
TRF	##/	Trifolium spp.	clover		ABDI	LEGUMINOSAE	201000
TRF	#/	cf. Trifolium sp.	clover		BDI	LEGUMINOSAE	201500
TRFRE	!//	cf. Trifolium repens type	white clover		D	LEGUMINOSAE	199000
TRGMA	_	Triglochin maritima L.	sea arrow-head		E	JUNCAGINACEAE	598000
TRGMA	//	cf. Triglochin maritima	sea arrow-head		E	JUNCAGINACEAE	599000
TRGPA	_	Triglochin palustris L.	marsh arrow-grass		E	JUNCAGINACEAE	597000
TRGPA	//	cf. Triglochin palustris	marsh arrow-grass		E	JUNCAGINACEAE	597500
TRI	#	Triticum sp.	wheat		FI	GRAMINEAE	500
TRI	##	Triticum spp.	wheat		FI	GRAMINEAE	502
TRI	#TG	Triticum sp.	wheat	tail grain	FI	GRAMINEAE	505
TRI	#SK	Triticum sp.	wheat	spikelet	FI	GRAMINEAE	510
TRI	#SF	Triticum sp.	wheat	spikelet fork	FI	GRAMINEAE	515
TRI	#GB	Triticum sp.	wheat	glume base	FI	GRAMINEAE	520
TRI	#R	Triticum sp.	wheat	rachis	FI	GRAMINEAE	525

TRI	#CN	Triticum sp.	wheat	culm node	FI	GRAMINEAE	530
TRI	#A	Triticum sp.	wheat awn		FI	GRAMINEAE	535
TRI	#/	cf.Triticum sp.	wheat		FI	GRAMINEAE	540
TRI	#/TG	cf.Triticum sp.	wheat	tail grain	FI	GRAMINEAE	545
TRI	#/SK	cf.Triticum sp.	wheat	spikelet	FI	GRAMINEAE	550
TRI	#/SF	cf.Triticum sp.	wheat	spikelet fork	FI	GRAMINEAE	555
TRI	#/GB	cf.Triticum sp.	wheat	glume base	FI	GRAMINEAE	560
TRI	#/R	cf.Triticum sp.	wheat	rachis	FI	GRAMINEAE	565
TRI	#/CN	cf.Triticum sp.	wheat	culm node	FI	GRAMINEAE	570
TRI	#/C0	cf.Triticum sp.	wheat	coleoptile	FI	GRAMINEAE	575
TRIAE	_	Triticum aestivum L. s.l.	bread/club wheat		FI	GRAMINEAE	400
TRIAE	_TG	Triticum aestivum L. s.l.	bread wheat tail grain		FI	GRAMINEAE	405
TRIAE	_R	Triticum aestivum L. s.l.	bread wheat rachis		FI	GRAMINEAE	410
TRIAE	!	Triticum aestivum type	bread/club wheat		FI	GRAMINEAE	420
TRIAE	!/	Triticum cf. aestivum type	bread/club wheat		FI	GRAMINEAE	425
TRIAE	!TG	Triticum aestivum type	bread wheat tail grain		FI	GRAMINEAE	430
TRIAE	!R	Triticum aestivum type	bread wheat rachis		FI	GRAMINEAE	435
TRIAECO	!	Triticum aestivo/compactum	club wheat		IF	GRAMINEAE	450
TRIAECO	!TG	Triticum aestivo/compactum	club wheat	tail grain	FI	GRAMINEAE	455
TRIAECO	!R	Triticum aestivo/compactum	club wheat	rachis	FI	GRAMINEAE	460
TRIAECO	!/	Triticum cf. aestivo-compactum	club wheat		FI	GRAMINEAE	470
TRIAECO	!/TG	Triticum cf. aestivo-compactum	club wheat	tail grain	FI	GRAMINEAE	475
TRIAECO	!/R	Triticum cf. aestivo-compactum	club wheat	rachis	FI	GRAMINEAE	480
TRIAESP	!	Triticum spelta/aestivum	spelt/bread wheat		FI	GRAMINEAE	490
TRIDI	_	Triticum dicoccum	emmer		FI	GRAMINEAE	100
TRIDI	_TG	Triticum dicoccum	emmer	tail grain	FI	GRAMINEAE	105
TRIDI	_SK	Triticum dicoccum	emmer	spikelet	FI	GRAMINEAE	110
TRIDI	_SF	Triticum dicoccum	emmer	spikelet fork	FI	GRAMINEAE	115
TRIDI	_GB	Triticum dicoccum	emmer	glume base	FI	GRAMINEAE	120
TRIDI	_R	Triticum dicoccum	emmer	rachis	FI	GRAMINEAE	125
TRIDI	/	Triticum cf. dicoccum	emmer		FI	GRAMINEAE	150

TRIDI	/TG	Triticum cf. dicoccum	emmer	tail grain	FI	GRAMINEAE	160
TRIDI	/SK	Triticum cf. dicoccum	emmer	spikelet	FI	GRAMINEAE	165
TRIDI	/SF	Triticum cf. dicoccum	emmer fork	spikelet	FI	GRAMINEAE	170
TRIDI	/GB	Triticum cf. dicoccum	emmer	glume base	FI	GRAMINEAE	175
TRIDI	/R	Triticum cf. dicoccum	emmer	rachis	FI	GRAMINEAE	180
TRIDIDU	!	Triticum dicoccum/durum	emmer/durum wheat		FI	GRAMINAE	390
TRIDISP	!	Triticum dicoccum/spelta	emmer/spelt		FI	GRAMINEAE	300
TRIDISP	!TG	Triticum dicoccum/spelta	emmer/spelt tail grain		FI	GRAMINEAE	305
TRIDISP	!SK	Triticum dicoccum/spelta	emmer/spelt spikelet		FI	GRAMINEAE	310
TRIDISP	!SF	Triticum dicoccum/spelta	emmer/spelt spikelet fork		FI	GRAMINEAE	315
TRIDISP	!GB	Triticum dicoccum/spelta	emmer/spelt glume base		FI	GRAMINEAE	320
TRIDISP	!R	Triticum dicoccum/spelta	emmer/spelt rachis		FI	GRAMINEAE	325
TRIDISP	!/TG	Triticum cf. dicoccum/spelta	emmer/spelt tail grain		FI	GRAMINEAE	330
TRIDISP	!/SK	Triticum cf. dicoccum/spelta	emmer/spelt spikelet		FI	GRAMINEAE	335
TRIDISP	!/	Triticum cf. dicoccum/spelta	emmer/spelt		FI	GRAMINEAE	340
TRIDISP	!/SF	Triticum cf. dicoccum/spelta	emmer/spelt spikelet fork		FI	GRAMINEAE	345
TRIDISP	!/GB	Triticum cf. dicoccum/spelta	emmer/spelt glume base		FI	GRAMINEAE	350
TRIDISP	!/R	Triticum cf. dicoccum/spelta	emmer/spelt rachis		FI	GRAMINEAE	355
TRIDISP	!//	cf. Triticum dicoccum/spelta	emmer/spelt		FI	GRAMINEAE	360
TRIDISP	!//TG	cf. Triticum dicoccum/spelta	emmer/spelt tail grain		FI	GRAMINEAE	365
TRIDISP	!//SK	cf. Triticum dicoccum/spelta	emmer/spelt spikelet		FI	GRAMINEAE	370
TRIDISP	!//SF	cf. Triticum dicoccum/spelta	emmer/spelt spikelet fork		FI	GRAMINEAE	375
TRIDISP	!//GB	cf. Triticum dicoccum/spelta	emmer/spelt glume base		FI	GRAMINEAE	380
TRIDISP	!//R	cf. Triticum dicoccum/spelta	emmer/spelt rachis		FI	GRAMINEAE	385
TRIDUAE	!	Triticum durum/aestivum	durum/bread wheat		FI	GRAMINAE	495

TRIMA	_	Tripleurospermum maritimum(L.)Koch	scentless mayweed		AB	COMPOSITAE	522000
TRIMA	//	cf. Tripleurospermum maritimum	scentless mayweed		AB	COMPOSITAE	523000
TRIMO	/	Triticum cf. monococcum	einkorn		FI	GRAMINAE	55
TRIMODI	!	Triticum monococcum/dicoccum	einkorn/emmer		FI	GRAMINEAE	190
TRIMODI	!GB	Triticum monococcum/dicoccum	einkorn/emmer glume base		FI	GRAMINEAE	195
TRISP	_	Triticum spelta	spelt		FI	GRAMINEAE	200
TRISP	_TG	Triticum spelta	spelt	tail grain	FI	GRAMINEAE	210
TRISP	_SK	Triticum spelta	spelt	spikelet	FI	GRAMINEAE	215
TRISP	_SF	Triticum spelta	spelt	spikelet fork	FI	GRAMINEAE	220
TRISP	_GB	Triticum spelta	spelt	glume base	FI	GRAMINEAE	225
TRISP	_R	Triticum spelta	spelt	rachis	FI	GRAMINEAE	230
TRISP	/	Triticum cf. spelta	spelt		FI	GRAMINEAE	250
TRISP	/TG	Triticum cf. spelta	spelt	tail grain	FI	GRAMINEAE	260
TRISP	/SK	Triticum cf. spelta	spelt	spikelet	FI	GRAMINEAE	265
TRISP	/SF	Triticum cf. spelta	spelt	spikelet fork	FI	GRAMINEAE	270
TRISP	/GB	Triticum cf. spelta	spelt	glume base	FI	GRAMINEAE	275
TRISP	/R	Triticum cf. spelta	spelt	rachis	FI	GRAMINEAE	280
TRISP	!	Triticum spelta type	spelt		FI	GRAMINEAE	290
TURLA	_	Turgenia latifolia (L.)Hoffm.			AB	UMBELLIFERAE	305000
TYPANLAMI	!	Typha sp.	bulrush/reedmace		E	TYPHACEAE	616000
TYPANLAMI	!/	cf. Typha sp.	bulrush/reedmace		E	TYPHACEAE	617000
UENCR	/	Oenanthe cf. crocata	hemlock water dropwort		E	UMBELLIFERAE	294400
ULMGLMI	!	Ulmus glabra/minor	elm			ULMACEAE	396500
UMBE	~	Umbelliferae indet.	-		-	UMBELLIFERAE	339000
UMBE	~/	cf. Umbelliferae indet.	-		-	CF. UMBELLIFERAE	340000
UMBECOMP	~!	Umbelliferae/Compositae indet	-		-	UMBELLIFERAE/COMPOSITAE	341000
URTDI	_	Urtica dioica L.	stinging nettle		BCDEFGH	URTICACEAE	392000
URTDI	/	Urtica cf. dioica	stinging nettle		BCDEFGH	URTICACEAE	392500
URTDI	//	cf. Urtica dioica	stinging nettle		BCDEFGH	URTICACEAE	393000
URTDIUR	!	Urtica sp.	nettle		BCDEFGH	URTICACEAE	394000

URTDIUR	!//	cf. Urtica sp.	nettle	BCDEFGH	URTICACEAE	395000
URTUR	_	Urtica urens L.	small nettle	AB	URTICACEAE	389000
URTUR	/	Urtica cf. urens	small nettle	AB	URTICACEAE	390000
URTUR	//	cf.Urtica urens	small nettle	AB	URTICACEAE	391000
VACMY	/	Vaccinium cf.myrtillus	bilberry	CD	ERICACEAE	406320
VAL	#	Valerianella sp.	lamb's lettuce/corn salad	AC	VALERIANACEAE	499000
VALCA		Valerianella carinata	keel-fruited cornsalad	AD	VALERIANACEAE	495900
VALCA		cf. Valerianella carinata	keel-fruited cornsalad	AD	VALERIANACEAE	495910
VALDE	_	Valerianella dentata (L.) Pollich	corn salad	A	VALERIANACEAE	496000
VALDE	/	Valerianella cf. dentata	corn salad	A	VALERIANACEAE	497000
VALDE	//	cf. Valerianella dentata	corn salad	A	VALERIANACEAE	498000
VEBOF	_	Verbena officinalis L.	vervain	BG	VERBENACEAE	437000
VER	#	Veronica sp.	speedwell	ACDE	SCROPHULARIACEAE	431000
VER	##/	cf. Veronica spp.	speedwell	ACDE	SCROPHULARIACEAE	432000
VERAN	_	Veronica anagallis-aquatica L.	water-speedwell	CE	SCROPHULARIACEAE	427000
VERAN	/	Veronica cf.anagallis-aquatica L.	w-speedwell	CE	SCROPHULARIACEAE	428000
VERBE	_	Veronica subg. Beccabunga L.	brooklime	E	SCOPHULARIACEAE	425000
VERBE	!	Veronica subg. Beccabunga type	brooklime	E	SCOPHULARIACEAE	426000
VERHE	_	Veronica hederifolia L.	ivy speedwell	A	SCROPHULARIACEAE	430000
VEROF	_	Veronica officinalis L.	common speedwell	CD	SCROPHULARIACEAE	429000
VIBLAOP	!	Viburnum lantana/opulus	wayfaring-tree/guelder-rose		CAPRIFOLIACEAE	495600
VIC	#	Vicia sp.	vetch	CD	LEGUMINOSAE	211000
VIC	#/	cf. Vicia sp.	vetch	CD	LEGUMINOSAE	212000
VICFA	_	Vicia faba	celtic bean/horsebean	FI	LEGUMINOSAE	209900
VICFA	//	cf. Vicia faba	celtic bean/horsebean	FI	LEGUMINOSAE	210000
VICHI	_	Vicia hirsuta (L.) S.F. Gray	hairy tare	AD	LEGUMINOSAE	206000
VICHI	//	cf. Vicia hirsuta	hairy tare	AD	LEGUMINOSAE	207000
VICLU	//	cf. Vicia lutea	Yellow vetch	B	LEGUMINOSAE	209100
VICSA	!	Vicia sativa type	common vetch	ABCD	LEGUMINOSAE	209500
VICTE	_	Vicia tetrasperma (L.) Schreb.	smooth tare	D	LEGUMINOSAE	208000

VICTE	/	Vicia cf. tetrasperma	smooth tare	D	LEGUMINOSAE	209000
VICTE	!	Vicia tetrasperma type	smooth tare	D	LEGUMINOSAE	209050
VIO	#	Viola sp.	violet	ABCDG	VIOLACEAE	78000
VIO	##	Viola spp.	violet	ABCDG	VIOLACEAE	78500
VIO	#/	cf. Viola sp.	violet	ABCDG	VIOLACEAE	79000
VITVI	_	Vitis vinifera L.	vine	FI	VITACEAE	195000
VITVI	_F	Vitis vinifera L.	vine, fruit	FI	VITACEAE	195500
VITVI	//	cf. Vitis vinifera	vine	FI	VITACEAE	196000
VITVI	//F	cf. Vitis vinifera	vine, fruit	FI	VITACEAE	196050
VUL	#/	cf. Vulpia sp.	fescue	BD	GRAMINEAE	650000
ZANPA	_	Zannichellia palustris L.	horned pond-weed	E	ZANNICHELLIACEAE	602000
TRIBOMO	!	Triticum boeoticum/monococcum	wild/cult. einkorn	FI	GRAMINAE	30
TRIMO	_	Triticum monococcum	einkorn	FI	GRAMINAE	50

Additional Plant Codes

PLANT_CODE	LATIN NAME
ACHMI	ACHILLEA MILLEFOLIUM L.
AGM	AGRIMONIA
AGREU	AGRIMONIA EUPATORIUM L.
AJUCH	AJUGA CHAMAEPITYS SCHREBER
AJURE	AJUGA REPTANS L.
AJUTEU	AJUGA/TEUCRIUM
ALNGL	ALNUS GLUTINOSA GAERTNER
ANG	ANGELICA
ANT	ANTHRISCUS
APH	APHANES
AVEST	AVENA STRIGOSA SCHREBER
BETPE	BETULA PENDULA ROTH
BETU	BETULACEAE INDET.
BETULA	Betula
BROLOL	BROMUS/LOLIUM
BROSE	BROMUS SECALINUS L.
BRYO	BRYOPHYTA INDET.
CADCIR	CARDUUS/ CIRSIUM
CALVU	CALLUNA VULGARIS HULL
CENCECA	Unknown
CHAR	CHARACEAE
CHEAMA	CHENOPODIUM/ AMARANTHUS
CHEATR	CHENOPODIUM/ ATRIPLEX
CHERUGL	CHENOPODIUM RUBRUM/ GLAUCUM
CIRPA	Probably Cirsium palustre L.
CITLA	CITRULLUS LANATUS
COCNU	COCUS NUCIFERA
COPM	Probably meant to be COMP
CORSQ	CORONOPUS SQUAMATUS (FSKL)ASCHERSON
CRT	CERATOPHYLLUM
CYANI	Unknown
CYP	CYPERUS
ELAHY	ELATINE HYDROPIPER
ELESCI	ELEOCHARIS/ SCIRPUS
EPI	EPILOBIUM
ERIC	ERICACEAE
ERICN	ERICA CINEREA
ERIGR	Probably Eriophorum gracile Roth
ERIVA	ERIOPHORUM CF. VAGINATUM
ERYCA	ERYNGIUM CAMPESTRE L.
EUPCA	EUPATORIUM CANNABINUM L.
FILULVU	FILIPENDULA ULMARIA/VULGARIS
FRAEX	FRAXINUS EXCELSIOR L.
GLALY	Unknown
GRA	Possibly meant to be GRAM

GRODE	GROENLANDIA DENSA FOURR.
GYP	GYPSOPHILA
HORLOL	HORDEUM/LOLIUM
HORMUSE	HORDEUM MURINUM/SECALINUM
HORTI	Probably meant to be HORTRI
HORVU	HORDEUM VULGARE
HYDVU	HYDROCOTYLE VULGARIS
IRIPS	IRIS PSEUDACORUS
KNAAR	KNAUTIA ARVENSIS
LAMAL	LAMIUM ALBUM
LAB	Probably meant to be LABI
LAT	LATHYRUS
LEG	Probably meant to be LEGU
LEGUGRAM	LEGUMINOSAE/GRAMINEAE
LEO	LEONTODON
LOLBRO	LOLIUM/BROMUS
LOLFE	LOLIUM/FESTUCA
LOT	LOTUS
LYCSIL	LYCHNIS/SILENE
MEDLOT	MEDICAGO/LOTUS
MEDTRI	MEDICAGO/TRIFOLIUM
MELMEDTRF	MELILOTUS/MEDICAGO/TRIFOLIUM
MISC	Miscellaneous
MYO	Possibly Myosoton
MYR	MYRIOPHYLLUM
MYRAL	MYRIOPHYLLUM ALTERNIFLORUM
MYRVE	MYRIOPHYLLUM VERTICILLATUM
NASMI	NASTURTIUM MICROPHYLLUM
NASOF	NASTURTIUM OFFICINALE
OXAST	OXALIS STRICTA L.
PAPA	PAPAVERACEAE
PAPDU	PAPAVER DUBIUM
POLCO	POLYGONUM CONVOLVULUS L.
POLPEHY	POLYGONUM PERSICARIA/HYDROPIPER
PRUAM	PRUNUS AMYGDALUS BATSCH
PRY	Probably meant to be PYR
PTMO	POTAMOGETONACEAE INDET.
QUE	QUERCUS
RANBA	RANUNCULUS SUBGEN. BATRACHIUM
RANU	RANUNCULACEAE
RIB	RIBES
ROSOF	ROSMARINUS OFFICINALIS
SAMEB	SAMBUCUS EBULUS
SAMNIEB	SAMBUCUS NIGRA/EBULUS
SCAPE	SCANDIX PECTEN-VENERIS

SCHNI	SCHOENUS NIGRICANS L.
SCHPA	Unknown
SCRO	SCROPHULARIACEAE
SERTI	SERRATULA TINCTORIA L.
SETECH	SETARIA/ECHINOCHLOA
SIS	Possibly meant to be SISOF
SPAER	SPARGANIUM ERECTUM
STECE	Unknown
TRIHOR	TRITICUM/HORDEUM
TRISEC	TRITICUM/SECALE
TRIT	Probably meant to be TRI
TRP	TRIPLEUROSPERMUM
TRPMA	TRIPLEUROSPERMUM MARITIMUM
TYP	Possibly meant to be TYPANLAMI
VICER	VICIA ERVILLIA
VICI	VICIEAE INDET.

2.2.2 Plant Name Abbreviations

ABBREVIATIONS	EXPANSION
agg	AGGREGATE
All	BOTANICAL AUTHOR ABBREVIATION = CARLO ALLIONI
A.Löve	BOTANICAL AUTHOR ABBREVIATION = ASKELL LÖVE
Batsch	BOTANICAL AUTHOR ABBREVIATION = AUGUST JOHANN GEORG KARL BATSCH
cf	COMPARES TO
Crantz	BOTANICAL AUTHOR ABBREVIATION = HEINRICH JOHANN NEPOMUK VON CRANTZ
(DC)A	BOTANICAL AUTHOR ABBREVIATION = AUGUSTIN PYRAMUS DE CANDOLLE
Fr	BOTANICAL AUTHOR ABBREVIATION = ELIAS MAGNUS FRIES
gp	GROUP
Hill	BOTANICAL AUTHOR ABBREVIATION = JOHN HILL
Honck	BOTANICAL AUTHOR ABBREVIATION = GERHARD AUGUST HONCKENY
Huds	BOTANICAL AUTHOR ABBREVIATION = WILLIAM HUDSON
Koch	BOTANICAL AUTHOR ABBREVIATION = JOHANN FRIEDRICH WILHELM KOCH
L	BOTANICAL AUTHOR ABBREVIATION = CAROLUS LINNAEUS
M.Bieb	BOTANICAL AUTHOR ABBREVIATION = FRIEDRICH AUGUST MARSCHALL VON BIEBERSTEIN
Medik/ Medic	BOTANICAL AUTHOR ABBREVIATION = FRIEDRICH KASIMIR MEDIKUS/ MEDICUS
Mill	BOTANICAL AUTHOR ABBREVIATION = PHILLIP

	MILLER
Neck	BOTANICAL AUTHOR ABBREVIATION = NOEL MARTIN JOSEPH DE NECKER
R.Br	BOTANICAL AUTHOR ABBREVIATION = ROBERT BROWN
Scop	BOTANICAL AUTHOR ABBREVIATION = GIOVANNI ANTONIO SCOPOLI
s.l.	SENSU LATO – IN A WIDE SENSE
sp	Species (singular)
spp	Species (plural)
Vill	BOTANICAL AUTHOR ABBREVIATION = DOMINIQUE VILLARS

Note: a number of additional botanical author abbreviations appear in ‘habitat_use.tab’ and ‘seednum.tab’ and these have not been documented above. Please consult a recognised list of botanical author abbreviations [e.g. R.K. Brummitt and C.E. Powell (ed) 1992] for the relevant author expansions.

2.2.3 Status Codes

These codes reflect the level of confidence in attribute identification.

CODE	EXPANSION
-	Definite
!	More than one possible species
#	Indication of uncertainty. The more '#' present, the greater the uncertainty.
~	Can only be identified to family level
/	Only identified to species level
//	Multiple application of /
?	Informal identification
@	Indeterminate

2.2.4 Habitat Use Codes

Note: As a number of species can exist in more than one field, multiple coded entries are permissible in ‘habitat_use” (HU) fields.

CODE	EXPANSION
A	WEEDS OF CULTIVATED LAND
B	RUDERALS. WEEDS OF WASTE PLACES AND DISTURBED GROUND
C	PLANTS OF WOODS, SCRUB, HEDGEROWS
D	OPEN ENVIRONMENT (FAIRLY UNDISTURBED)
E	PLANTS OF DAMP/WET ENVIRONMENT
F	EDIBLE PLANTS
G	MEDICINAL AND POISONOUS PLANTS
H	COMMERCIAL/INDUSTRIAL USE

I	CULTIVATED PLANTS
K	OTHERS (E.G. PARASITIC)

2.2.5 Soil Type Codes

CODE	EXPANSION
LOSA	LOAMY SAND
SA	SAND
SACL	SANDY CLAY
SACLLO	SANDY CLAY LOAM
SALO	SANDY LOAM
SASILO	SANDY SILT LOAM
SICL	SILTY CLAY
SICLLO	SILTLY CLAY LOAM
SILO	SILTY LOAM
RU	RUBBLE
CLLO	CLAY LOAM
DAER	DARK EARTH
CL	CLAY
GR	GRAVEL

2.2.6 Modern Contamination Codes

Note: code expansions in lower case are best deductions only, and should be treated with care.

CODE	EXPANSION
NON	None
RO/ ROO	Root
POS	Possibly
Y	YES

2.2.7 'Native' Codes

CODE	EXPANSION
im	INTRODUCED
in	INTRODUCED
intro	INTRODUCED
N	No (not native)
na	NATIVE
Y	Yes (native)

2.2.8 Estimate Codes

CODE	EXPANSION
E	ESTIMATE
E	REAL NUMBER

2.2.9 Preservation Mode Codes

CODE	EXPANSION
C	CHARRED
M	MINERALISED
W	WATERLOGGED

2.2.10 Seasonal Codes

Note: code expansions in lower case are best deductions only, and should be treated with care.

CODE	EXPANSION
a	ANNUAL
ab	ANNUAL AND BIENNIAL
an	ANNUAL
ap	ANNUAL AND PERENNIAL
bi	BIANNUAL
eg	Evergreen
in	Invasive weed?
P	PERENNIAL
PA	PERENNIAL AND ANNUAL
PB	PERENNIAL AND BIENNUAL
pe	PERENNIAL
Y	YES (SEASONAL)

2.2.11 Extent Codes

CODE	EXPANSION
+	1-10
++	11-50
+++	50-250
++++	250+
1	RARE
2	MODERATE
3	ABUNDANT

2.2.12 Special Feature Codes

CODE	EXPANSION
FGTS	FRAGMENTS
GERM	GERMINATED
TW	TWISTED
HU	HULLED
ST	STRAIGHT
NA	NAKED

T	TAIL
UN	UNIDENTIFIED

Note: files containing the 'Special_Feature' field may contain additional codes that it has not been possible to identify. In addition, special features codes sometimes appear in combination – e.g. HUTW = hulled, twisted.

2.2.13 Plant Parts Codes

CODE	EXPANSION
AW	AWN
BY	BERRY
BN	BRAN
BD	BUD
CP	CAPSULE
CK	CATKIN
CX	CLAYX
CO	COLEOPTILE
CN	CULM NODE
EC	ENDOCARP
FL	FLORET
FW	FLOWER
FD	FROND
FR	FRUIT
GB	GLUME BASE
GF	GLUME FAGMENT
HD	SEED HEAD
LF	LEAF
LG	LEGUME
LM	LEMMA
PT	PLANT TISSUE
R	RACHIS
SQ	SILIQUA
SK	SPIKELET
SB	SPIKELET BASE
SF*	SPIKELET FORK
ST	STEMS
SW	STRAW
TG	TAIL GRAIN
TP	TEPAL
TH	THORN
UT	UTRICLE
WD	WOOD
-	UNSPECIFIED
HL	HILUM
RT	ROOT

* Spikelet Fork is sometimes also coded as 'SPKT FRK'.

2.2.14 References

Brummitt, R. K. and C.E. Powell (ed) (1992). *Authors of Plant Names: A List of Authors of Scientific Names of Plants, with Recommended Standard Forms of Their Names, Including Abbreviations*. London: Royal Botanic Gardens, Kew.

3.0 BIG DATABASE

This database contained no data and consequently is not represented in this dissemination version of the Informix databases archive.

4.0 SITES DATABASE – TABLES

4.1 Tables

4.1.1 asses

Table: asses				
Field	**Field Description**	**Type**	**Size**	**Flags**
Sitecode	Project code	Char	7	NN,IX
Area	Project area	Char	4	
Contextno	Context number	Signed Int	5	NN
No	Number of boxes	Char	7	
Size	Small, Medium, Large	Char	6	
descrip	Comments	Char	10	
context_descrip	Context comments	Char	36	
txt_sct	Text section	Signed Int	5	
phase	Project phase	Char	5	

4.1.2 bones

Table: bones				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	Project ID	Char	6	NN,IX
area	Project area	Char	7	IX
context	Context number	Signed Int	5	NN,IX
sampleno	Sample number	Char	4	
feature_type	Archaeological feature	Char	4	
no_bags	Number of sample bags	Signed Int	5	
weight	Weight of sample (default – 0.05)	Float	6,2	
Number	Indication of deposit size	Char	1	
Fragmentation	Indication of size range the majority of fragments fall into	Char	1	
Recovery	Method of recovery	Char	1	
volume_sieved	Volume sieved	Float	6,1	
Preservation	State of preservation	Char	1	
Mammal	Indication of deposit size	Char	1	
Bird	Indication of deposit size	Char	1	
Fish	Indication of deposit size	Char	1	
small_mamm_amph	Indication of deposit size	Char	1	
marine_shells	Indication of deposit size	Char	1	
Comment*	Comments	Char	40	

The field comment originally contained multiple data entries (species and bone codes plus other comments). The original field has been left in place, but has also been atomised (differentiated through the use of numerical suffixes) to facilitate analysis.

4.1.3 bulk

Table: bulk				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	Project ID	Char	7	NN,IX
context	Context number	Signed Int	5	NN,IX
sampleno	Sample number	Signed Int	5	
subsample	Sub-sample number	Char	1	
area	Project area	Char	7	
volume_processed	(in litres)	Float	5,2	
residue_sorted	(in litres)	Float	5,2	
Method	Method of recovery	Char	1	
Process	Recovery Process	Char	1	
Mesh	(in mm)	Float	4,3	
Mineralised	Indication of deposit size - abundance	Char	1	
Min1	Mineralized: Indication of deposit size- diversity	Char	1	
Min1_comm	Mineralised -comments	Char	30	
waterlogged_seed	Indication of deposit size - abundance	Char	1	
Seed	Waterlogged seed: Indication of deposit size- diversity	Char	1	
waterlogged_comm	Waterlogged seed - comments	Char	30	
charred_seeds	Indication of deposit size - abundance	Char	1	
ch_seeds	Charred seeds: Indication of deposit size- diversity	Char	1	
charred_grain	Indication of deposit size - abundance	Char	1	
ch_grain	Charred grain: Indication of deposit size- diversity	Char	1	
charred_chaff	Indication of deposit size - abundance	Char	1	
ch_chaff	Charred chaff: Indication of deposit size - diversity	Char	1	
charred_other	Indication of deposit size - abundance	Char	1	
ch_other	Charred other: Indication of deposit size - diversity	Char	1	
Charcoal	Indication of deposit size - abundance	Char	1	
charred_comm	Charred remains - comments	Char	30	
Fish	Indication of deposit size – abundance	Char	1	

Fis	Fish: Indication of deposit size - diversity	Char	1	
fish_comm.	Fish - comments	Char	30	
sm_mam	Small mammal: Indication of deposit size - abundance	Char	1	
Smmam	Small mammal: Indication of deposit size (diversity)	Char	1	
Bird	Indication of deposit size - abundance	Char	1	
Bir	Bird: Indication of deposit size - diversity	Char	1	
Mammal	Indication of deposit size - abundance	Char	1	
Mam	Mammal: Indication of deposit size - diversity	Char	1	
bone_comm	Bone - comments	Char	30	
cop	Unknown	Char	1	
marine_shell	Indication of deposit size - abundance	Char	1	
Shell	Marine shell: Indication of deposit size - diversity	Char	1	
Beetles	Indication of deposit size - abundance	Char	1	
Beet	Beetles: Indication of deposit size - diversity	Char	1	
mites	Indication of deposit size – abundance?	Char	1	
mite	Mites: Indication of deposit size – diversity?	Char	1	
fly_puparia	Indication of deposit size – abundance?	Char	1	
fly	Fly puparia: Indication of deposit size- diversity?	Char	1	
insect_other	Indication of deposit size – abundance?	Char	1	
ins_other	Insect other: Indication of deposit size – diversity?	Char	1	
insect_comm	Insect - comments	Char	30	
Molluscs	Indication of deposit size – abundance	Char	1	
Mollusc	Indication of deposit size - diversity	Char	1	
shell_comm.	Shell - comments	Char	30	
Ies	Unknown	Char	10	

Uthers	Indication of deposit size – quantity	Char	1	
Uther	Indication of deposit size - diversity	Char	1	
Others	Indication of deposit size - quantity	Char	1	
Coprolite	Indication of deposit size - quantity	Char	1	
Thers	Others: Indication of deposit size - diversity	Char	1	
other_comm	Others - comments	Char	30	
ie	Comments	Char	10	
unprocessed	Volume unprocessed in litres	Float	4,1	
residue_descrip	Residue description	Char	40	
flot_vol	Flot Volume (mls)	Float	5,1	
finds	Text indicating type of finds present	Char	40	
residu	Text description of residue	Char	40	
organic_part	Text description of organic material	Char	40	

4.1.4. context

Table: context				
Field	**File Description**	**Type**	**Size**	**Flags**
sitecode	Project ID	Char	7	NN,IX
context	Context number	Signed Int	5	NN,IX
sample_no	Sample number	Signed Int	5	IX
area	Project area	Char	7	
zone	Project zone	Char	3	
gridsquare	Grid square	Char	11	
phase	Text section phase	Char	5	
groupe	Text section group	Char	6	
subgroup	Level III text section number	Char	5	
date_prov	Provisional date	Char	10	
context_type	Type of context (includes basic, processual and associational interpretations)	Char	15	
dendro_date	Dendrochronological date	Char	10	
ceramic_phase	Spot date ceramic phase estimate	Char	4	
sediment_descrp	Description of Sediment (as per context sheet)	Char	30	
inter1	Unknown	Char	10	
inter2	Unknown	Char	10	

comment	Comments	Char	40	
human_bone	Indication of relevance	Char	1	
animal_bone	Indication of relevance	Char	1	
flotwetsieve	Indication of relevance	Char	1	
two_10kg	Indication of relevance	Char	1	
two50g	Indication of relevance	Char	1	
smlsample	Indication of relevance	Char	1	
bulk	Indication of relevance	Char	1	
wood	Indication of relevance	Char	1	
context_percent	Percentage of context	Char	1	
sample_vol	Sample volume	Signed Int	5	

4.1.5 flotation

Table: flotation				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	Project ID	Char	7	IX
context	Context number	Signed Int	5	IX
sampleno	Sample number	Signed Int	5	
subsample	Sub-sample number	Char	1	
flot_volume	(in ml)	Signed Int	5	
charred_seeds_a	Charred seeds - abundance	Char	1	
charred_seeds_d	Charred seeds - diversity	Char	1	
charred_s_comm*	Associated comments / identifications	Char	30	
charred_grain_a	Charred grain - abundance	Char	1	
charred_grain_d	Charred grain - diversity	Char	1	
charred_g_comm*	Associated comments / identifications	Char	30	
charred_chaff_a	Charred chaff - abundance	Char	1	
charred_chaff_d	Charred chaff - diversity	Char	1	
charred_c_comm*	Associated comments / identifications	Char	30	
charcoal_a	Charcoal - abundance	Char	1	
charcoal_d	Charcoal - diversity	Char	1	
charcoal_comm*	Associated comments / identifications	Char	30	
charred_other_a	Charred other – abundance	Char	1	
charred_other_d	Charred other - diversity	Char	1	
charred_o_comm*	Associated comments / identifications	Char	30	
waterlogged_seed_a	Waterlogged seeds - abundance	Char	1	
waterlogged_seed_d	Waterlogged seeds - diversity	Char	1	

wlogged_s_comm*	Associated comments / identifications	Char	30	
wlogged_other_a	Waterlogged other - abundance	Char	1	
wlogged_other_d	Waterlogged other - diversity	Char	1	
wlogged_o_comm*	Associated comments / identifications	Char	30	
other1	Other (1)	Char	10	
other1_a	Other - abundance	Char	1	
other1_d	Other - diversity	Char	1	
other1_comm*	Associated comments / identifications	Char	30	
other2	Other (2)	Char	10	
other2_a	Other - abundance	Char	1	
other2_d	Other - diversity	Char	1	
other2_comm*	Associated comments / identifications	Char	30	
coments	Comments	Char	40	

* These fields originally contained multiple data entries. The original field has been left in place, but has also been atomised (differentiated through the use of numerical suffixes) to facilitate analysis.

4.1.6 human

Table: human				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	Project ID	Char	6	NN,IX
context	Context number	Signed Int	5	NN,IX
area	Project area	Char	6	IX
trench	Trench ID	Char	5	IX
Skull	Indication of condition	Char	2	
Torso	Indication of condition	Char	2	
Rarm	Indication of condition	Char	2	
Larm	Indication of condition	Char	2	
Rleg	Indication of condition	Char	2	
Lleg	Indication of condition	Char	2	
context_sheet	Indication of condition	Char	1	
Age	Indication of age	Char	1	
Comment	Comments	Char	40	

4.1.7 human2

Table: human2				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	Project ID	Char	7	NN
context	Context number	Signed Int	10	NN
con_letter	Context letter (only to be used in cases where there is more than one body per context)	Char	1	
Skull	Indication of presence	Signed Int	5	

Torso	Indication of presence	Signed Int	5	
Pelvis	Indication of presence	Signed Int	5	
Arms	Indication of presence	Signed Int	5	
Legs	Indication of presence	Signed Int	5	
Condition	Indication of condition	Signed Int	5	

4.1.8 jbshell

Table: jbshell				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	Project ID	Char	5	NN
Unit	Archaeological Organisation	Char	5	NN
trenchno	Trench ID	Signed Int	5	
context	Context number	Signed Int	10	NN
sample	Sample Number	Signed Int	10	
Pickresi	Indication of recovery method	Char	1	NN
Oywholes	Oyster (Ostrea edulis) whole	Signed Int	5	
Oytops	Oyster (Ostrea edulis) tops	Signed Int	5	
Oybots	Oyster (Ostrea edulis) bottoms	Signed Int	5	
Oyfrags	Oyster (Ostrea edulis) fragments	Char	1	
Carwholes	Cockle (Cardium edule) whole	Signed Int	5	
Carhalves	Cockle (Cardium edule) halves	Signed Int	5	
Carfrags	Cockle (Cardium edule) fragments	Char	1	
Mywholes	Mussel (Mytilus edulis) wholes	Signed Int	5	
Myhalves	Mussel (Mytilus edulis) halves	Signed Int	5	
Weight	(in Kg)	Float	6,2	
Myfrags	Mussel (Mytilus edulis) fragments	Char	1	
Buccinum	Buccinum undatum (whelk)	Signed Int	5	
Bucfrags	Buccinum undatum (whelk) fragments	Char	1	
Nucella	Nucella lapillus (Dog Whelk)	Signed Int	5	
Llittorea	Littorina littorea (Common periwinkle/ winkle)	Signed Int	5	
Llittoralis	Littorina littoralis (Flat periwinkle)	Signed Int	5	
Lsaxatilis	Littorina saxatilis (Rough periwinkle	Signed Int	5	
Others		Char	35	
Period	Archaeological Period:	Char	2	

Sortfield	Special order field – e.g. structure or chapter number	Float	4,2	

4.1.9 justine

Table: justine				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	Project ID	Char	5	NN
species	Animal species *	Char	12	NN
context	Context number	Signed Int	10	NN
bone	Bone code	Char	12	NN
gl	Greatest length	Float	5,1	
bp	Greatest breadth of proximal end	Float	5,1	
sd	Smallest breadth of diaphysis	Float	5,1	
bd	Greatest breadth of distal end	Float	5,1	
otherjunk	Other measurements	Char	30	

* This field contains the Latin name (or a shortened version thereof) for animal species, rather than species codes. See 8.2.2 for the relevant species codes.

4.1.10 Pep

Note: this table only contains data for PEP89 and BRU92.

Table: pep				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode		Char	7	NN
context		Signed Int	5	
coord1	Coordinate 1	Float	5,1	
coord2	Coordinate 2	Float	5,1	
Spit		Char	3	
Grid		Char	3	
Volume	Volume of sample – litres. Generally rounded to nearest 10 litres (size of bucket)	Signed Int	5	
pot_8mm	Pottery 8mm – total weight	Signed Int	5	
bone_8mm	Bone 8mm – total weight	Signed Int	5	
bm_8mm	Building Material 8mm – total weight	Signed Int	5	
mortar_8mm	Mortar 8mm – total weight	Signed Int	5	
res_8mm	Residue 8mm – total weight	Signed Int	5	
slag_8mm	Slag 8mm – total weight	Signed Int	5	
shell_8mm	Shell 8mm – total weight	Signed Int	5	

other_8mm	Other finds – total weight	Signed Int	5	
other_type*	Text description of other finds	Char	20	
comment		Char	60	

* These fields originally contained multiple data entries. The original field has been left in place, but has also been atomised (differentiated through the use of numerical suffixes) to facilitate analysis.

4.1.11 sample

Table: sample				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	Project ID	Char	7	NN
area	Project area	Char	7	
gridsq	Map grid square	Char	11	
contextno	Context number	Signed Int	5	NN
sampleno	Sample number	Signed Int	5	
feature_type	Archaeological feature	Char	10	
date_prov	Provisional date	Char	10	
context_percent	Percentage of context	Char	5	
comment	Comments	Char	40	
soil_sample	Indication of presence	Char	1	
sample_vol	Sample volume	Float	7,2	
flot_wetsieve	Indication of action	Char	1	
item_sample	Indication of presence	Char	1	
wood	Indication of presence	Char	1	
context_descrip	Context description	Char	36	
txt_sct	Text section	Signed Int	5	
phase	Project phase	Char	6	

4.1.12 sample250gm

Table: sample250g				
Field	**Field description**	**Type**	**Size**	**Flags**
sitecode	Project ID	Char	7	NN,IX
area	Project area	Char	6	
context	Context number	Signed Int	5	NN,IX
sampleno	Sample number	Signed Int	5	
subsample	Sub-sample ID	Char	1	
volume	Litres	Float	5,2	
weight	Kg	Float	5,2	
Insects	Indication of deposit size – abundance	Char	1	
Insect	Indication of deposit size - diversity	Char	1	
insect_comm.	Insects - comments	Char	30	
waterlogged_plants	Indication of deposit size - abundance	Char	1	
waterlogged_plant	Indication of deposit size - diversity	Char	1	

water_comm.*	Waterlogged plants - comments	Char	30	
mineralised_plants	Indication of deposit size - abundance	Char	1	
mineralised_plant	Indication of deposit size - diversity	Char	1	
mineral_comm.	Mineralised plants: comments	Char	30	
charred_plants	Indication of deposit size - abundance	Char	1	
charred_plant	Indication of deposit size - diversity	Char	1	
charred_comm.*	Charred plants: comments	Char	30	
mollusc_terr_aquas	Molluscs - freshwater/ terrestrial/ marine: Indication of deposit size - abundance	Char	1	
mollusc_terr_aqua	Indication of deposit size - diversity	Char	1	
mollusc_comm.*	Molluscs - freshwater/ terrestrial/ marine: comments	Char	30	
hair_fibres	Indication of deposit size: abundance?	Char	1	
hair_comm.	Hair fibres: comments	Char	30	
Coprolites	Indication of presence	Char	1	
copro_comm.	Coprolites: comments	Char	30	
Fishs	Indication of deposit size - abundance	Char	1	
Fish	Indication of deposit size - diversity	Char	1	
fish_comm.*	Fish - comments	Char	30	
small_mammals	Indication of deposit size - abundance	Char	1	
small_mammal	Indication of deposit size - diversity	Char	1	
small_comm.	Small mammals: comments	Char	30	
Others	Other remains: Indication of deposit size - abundance	Char	12	
Other	Indication of deposit size - diversity	Char	1	
Othe	Other remains: comments	Char	1	
other_comm.*	Other general comments	Char	30	
subsample1	Indication of sample composition	Char	1	
subsample2	Indication of sample composition	Char	1	
subsample3	Indication of sample composition	Char	1	

Discard	Indication of discard policy	Char	1	
Coments	Comments	Char	40	

* These fields originally contained multiple data entries. The original field has been left in place, but has also been atomised (differentiated through the use of numerical suffixes) to facilitate analysis.

4.1.13 Smalsample

Table: smalsample				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	MoL site code	Char	7	NN,IX
context		Signed Int	5	NN,IX
area		Char	7	
sampleno	Sample number	Signed Int	5	
subsample		Char	1	
volume		Float	5,1	
weight		Float	5,1	
diatoms	Diatoms: sampled for	Char	1	
diat	Diatoms: sample sent	Date	10	
dia	Diatoms: report received	Date	10	
parsites	Parasites: sampled for	Char	1	
pars	Parasites: sample sent	Date	10	
par	Parasites: report received	Date	10	
pollen	Pollen: sampled for	Char	1	
poll	Pollen: sample sent	Date	10	
pol	Pollen: report received	Date	10	
phytoliths	Phytoliths: sampled for	Char	1	
phyt	Phytoliths: sample sent	Date	10	
phy	Phytoliths: report received	Date	10	
other	Other: sampled for	Char	20	
othe	Other: sample sent	Date	10	
oth	Other: report received	Date	10	
commts	Comments	Char	40	

4.2 Sites codes

For Botany, Animal Bone and Extent codes please see appropriate sections of this document.

4.2.1 Period

In addition to the broad chronological codes detailed in Section 9.2, the 'Site' database files also include other non-standard chronological codes/ abbreviations. These codes and abbreviations should all be self-explanatory, but please contact the LAARC Archaeological Records (Digital) Officer if you require any assistance.

The following code expansions refer to the tables specified:

4.2.2 Bones table

FIELD	CODE	EXPANSION
Number; Mammal; Bird; Fish; Small_mamm_amph; Marine shells	0 1 2 3	0 1-10 11-100 >100
Fragmentation	1 2 3	<2.5CM 2.5 TO 7.5CM >7.5CM
Recovery	1 2 3	HAND EXCAVATION WET SIEVED DRY SIEVED
Preservation	1 2 3	GOOD MEDIUM POOR

4.2.3 Bulk table

FIELD	CODE	EXPANSION
Method	1 2 3	TANK BUCKET Both?
Process	1 2 3	FLOTATION WET SIEVE BOTH
All 'abundance' fields (see 4.1.3 above)	0 1 2 3	0 1-10 11-100 >100
All 'diversity' fields (see 4.1.3 above)	0 1 2 3 4	0 1-3 4-10 11-50 >50

4.2.4 Context table

The table 'context.tab' includes the field 'context_type'. This field presents basic, processual and associational interpretations, generally in a coded format (in some cases the context type is written out in full). Codes for the various interpretation levels are provided below.

Basic interpretation

Note: the codes in the first table prefix the relevant context number. E.g, if context 100 is a structural cut, this would appear in the data as 'S100'.

CODE	EXPANSION
C	COFFIN
D	DITCH/ DRAIN/ GULLY/ SEWER/ CULVERT/ WATER SUPPLY PIPE/ DRAIN PIPE
F	FURNACE/ HEARTH/ KILN/ OVEN
G	GRAVE
K	SKELETON
P	PIT, UNSPECIFIED
Pc	PIT, CESS
Pi	PIT, INDUSTRIAL
Pq	PIT, QUARRY
Pr	PIT, REFUS E
S	STRUCTURAL CUT
Sn	NON-STRUCTURAL CUT
W	WELL

Many contexts can be identified by one or two letters, all in lower case:

CODE	EXPANSION
cd	CONSTRUCTION DEBRIS
db	DESTRUCTION DEBRIS - REDEPOSITED
ds	DESTRUCTION DEBRIS – IN-SITU
eb	EXTERNAL BANK
ec	EXTERNAL, CULTIVATION
ed	EXTERNAL DUMP
eo	EXTERNAL OCCUPATION
er	EXTERNAL REDEPOSITED OR DISTURBED NATURAL
es	EXTERNAL SURFACE
eu	EXTERNAL, UNSPECIFIED
fl	FLOOR
he	HEARTH/ OPEN FIRE
me	MECHANICAL FIXTURES AND FITTINGS: MACHINERY/ WIRING/ GAS PIPING
mu	MAKE UP/ LEVELLING

n	NATURAL STRATA, UNSPECIFIED
na	NATURAL AEOLIAN DEPOSITS
nc	NATURAL ALLUVIAL CHANNEL DEPOSITS
ne	NATURAL EROSIONAL FEATURE
nf	NATURAL FORESHORE DEPOSIT
nm	NATURAL MARSH DEPOSIT
no	NATURAL ALLUVIAL OVERBANK
ns	NATURAL SOIL , UNSPECIFIED
oc	OCCUPATION DEBRIS
ps	POSITIVE STRUCTURAL FEATURE, NOT WALL: STEPS/ POST-PAD/ PIER/ COLUMN
ro	ROOF/ CEILING
se	SURFACE EROSION (INTERFACE OR CUT)
so	STRUCTURAL OPENING: DOOR/ WINDOW/ ARCH
st	STRUCTURAL TIMBER
ti	TIMBER
wa	WALL / SILL
ws	WORKED STONE. NOT IN SITU

Processual (Basic) Interpretation

CODE	EXPANSION
c	CONSTRUCTION
u	USE
d	DISUSE
cu	CONSTRUCTION AND USE
ud	USE AND DISUSE
cd	CONSTRUCTION AND DISUSE
cud	CONSTRUCTION, USE AND DISUSE

Associational Interpretation

Note: the codes in the table below are followed by a serial number according to their sequence in the archive report. For buildings, the appropriate room letters are also added. For example, Building 8, Room A would be 'B9rA'.

CODE	EXPANSION
B	BUILDING
OA	OPEN AREA
R	ROAD/ ALLEY/ STREET
S	STRUCTURE, NOT A BUILDING: FENCE/ LEAN-TO/ FREE-STANDING WALL/ RETAINING WALL
W	WATERFRONT

Processual (Associational) Interpretation

CODE	EXPANSION
c	CONSTRUCTION
u	USE
d	DISUSE

Some explanatory examples of context types from the 'context.tab' table:

D51, ud, OA2: Ditch, context 51, use/ disuse, Open Area (2 in the report)

Pr655uOA6: Pit- refuse, context 655, use, Open Area (6 in the report)

S1800,u,B3rA,u: Structural cut, context 1800, use, Building (3 in the report), Room A, use

ed,cud,oa10: External dump, construction, use and disuse, Open Area (10 in the report)

4.2.5 Flotation table

FIELD(S)	CODE	EXPANSION
charred_seed_a; charred_grain_a; charred_chaff_a; charred_other_a; charcoal_a waterlogged_seed_a; waterlogged_other_a; other1_a; other2_a	1	OCCASSIONAL
As above	2	MODERATE
As above	3	ABUNDANT
charred_seed_d; charred_grain_d; charred_chaff_d; charred_other_d; charcoal_d; waterlogged_seed_d; waterlogged_other_d; other1_d; other2_d	1	LOW
As above	2	INTERMEDIATE
As above	3	HIGH

4.2.6 Human table

FIELD	CODE	EXPANSION
Skull; Torso; Rarm; Larm; Rleg; Lleg	0 1 2	NOT PRESENT WASHED ON CONTEXT SHEET BUT NO SPECIMEN
Context_sheet	0	NO CONTEXT SHEET
Age	A I J	ADULT INFANT JUVENILLE

4.2.7 Human2

FIELD	CODE	EXPANSION
Skull; Torso; Pelvis; Arms; Legs; Condition	0 1	ABSENT PRESENT
Arms	1	PRESENT
Condition	1	GOOD: Bone surface is in good condition with no erosion, fine surface detail such as coarse woven bone deposition would be clearly visible (if present) to the naked eye. Moderate Poor
	2	MODERATE: Bone surface is in moderate condition with some post-mortem erosion on long bone shafts but the margins of articular surfaces are eroded and some prominences are eroded
	3	POOR: Bone surface is in poor condition with extensive post-mortem erosion resulting in pitted and eroded cortical surfaces and long bones with articular surfaces missing or severely eroded

4.2.8 jbshell

FIELD	CODE	EXPANSION
Pickresi	H R U	HAND SORTED SAMPLE RESIDUE UNKNOWN
Bucfrags; Carfrags; Myfrags; Oyfrags;	N Y	NO YES
Period	P R S M PM	PREHISTORIC ROMAN SAXON MEDIEVAL POST MEDIEVAL

4.2.9 Justine

The 'otherjunk' field in justine.tab includes further codes for standard bone measurements. Expansions for these additional codes are provided below.

CODE	EXPANSION
BB	GREATEST BASAL BREADTH
BF	BREADTH OF BASAL ARTICULAR SURFACE
BPC	GREATEST BREADTH ACROSS THE CORONOID PROCESS
BT	BREADTH OF TROCHLEA
DC	GREATEST DEPTH OF CAPUT FEMORIS
DD	GREATEST DEPTH OF THE DISTAL END
DIC	GREATEST CRANIAL DIAGONAL
DID	GREATEST DIAGONAL OF THE DISTAL END
DIP	GREATEST DIAGONAL OF PROXIMAL END
DLS	GREATEST DIAGONAL LENGTH OF THE SOLE
GB	GREATEST BREADTH OF CALCANEUM
GH	GREATEST HEIGHT - HORSE ASTRAGALUS
GL(C)	GREATEST LENGTH FROM CAPUT FEMORIS
GLL	GREATEST LENGTH OF LATERAL HALF OF ASTRAGALUS
LD	LENGTH OF THE DORSAL SURFACE
LEP	Unknown
LI	Unknown
LL	LATERAL LENGTH
LM	MEDIAL LENGTH
LO	Olecranon length
MBS	MIDDLE BREADTH OF THE SOLE

4.2.10 sample250g

FIELD	CODE	EXPANSION
Insect; Waterlogged_plants; Mineralised_plants; Charred_plants; Mollusc_terr_aquas; Fishs; Small_mammals; Others	0 1 2 3	0 1-10 11-100 >100
Insect; Waterlogged_plant; Mineralised_plant; Charred_plant; Mollusc_terr_aqua; Fish; Small_mammal; Other	0 1 2 3 4	0 1-3 4-10 11-50 >50
Hair_fibres	0 1 2	0? 1-10? 11-100?
Coprolites	0 1	ABSENT PRESENT
Subsample1; Subsample2; Subsample3	D F O P	DIATOMS FORAMINIFERA OSTRACODS PARASITES
Discard	N Y K	NOT DISCARDED (KEPT) DISCARDED Kept?

5.0 CAT DATABASE – TABLES

The data contained in the tables associated with the CAT database pertained to site code MIN86 only, and consequently these tables are included in the dissemination version of the MIN86 archive, not in this dissemination version of the Informix databases archive.

6.0 SOIL_SAMP DATABASE - TABLES

This table contains store locations for soil samples and consequently is not included in this dissemination version of the Informix databases archive.

7.0 DUADEV DATABASE - TABLES

This table contains project funding details and consequently is not included in this dissemination version of the Informix databases archive.

8.0 BONES DATABASE – TABLES

8.1 Tables

8.1.1 bone

Table: bone				
Field	**Field Description**	**Type**	**Size**	**Flags**
boneno	Bone number	Signed Int	10	NN
sitecode	MoL site code	Char	6	NN
species		Char	4	NN
contextno	Context Number	Signed Int	10	NN
bone		Char	5	NN
number		Signed Int	5	NN
weight		Float	6,1	
part		Char	5	
sex		Char	1	
age		Char	2	
side		Char	1	
sample		Char	1	
anal_grp	Analytical group	Char	5	

8.1.2 bone_epi

Table: bone_epi				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	MoL site code	Char	6	
contextno	Context Number	Signed int	10	
species		Char	4	
bone		Char	5	
proxepi	Proximal Epiphysis	Char	1	
distepi	Distal Epiphysis	Char	1	
antepi	Anterior Epiphysis	Char	1	
postepi	Posterior Epiphysis	Char	1	

8.1.3 butch

Table: butch				
Field	**Field Description**	**Type**	**Size**	**Flags**
boneno	Bone number	Signed Int	10	NN,IX
butchdescrip	Butchery Description	Char	16	
burndescrip	Burn Description	Char	5	
gnawdescrip	Gnaw Description	Char	5	

8.1.4 epiage

Table: epiage				
Field	**Field Description**	**Type**	**Size**	**Flags**
boneno	Bone Number	Signed Int	10	NN
proxepi	Proximal Epiphysis	Char	1	

distepi	Distal Epiphysis	Char	1	
antepi	Anterior Epiphysis	Char	1	
postepi	Posterior Epiphysis	Char	1	

8.1.5 jlewis

Table: jlewis				
Field	**Field Description**	**Type**	**Size**	**Flags**
catno1	Bone number	Signed Int	10	
fbn1	Bone number from Uxbridge list	Signed Int	10	
spec	Species	Char	4	
bone		Char	5	
nob	Number of bones	Signed Int	10	
part		Char	5	
age		Char	2	
s	side	Char	1	
butchdescrip	Butchery Description	Char	16	
burndescrip	Burn Description	Char	5	
proxepi	Proximal Epiphysis	Char	1	
distepi	Distal Epiphysis	Char	1	
antepi	Anterior Epiphysis	Char	1	
weight		Float	6,1	
postepi	Posterior Epiphysis	Char	1	

8.1.6 jon_bone

Table: jon_bone				
Field	**Field Description**	**Type**	**Size**	**Flags**
catno	Bone number	Signed Int	10	
boneno	Bone number from Uxbridge list	Signed Int	10	
species		Char	6	
bone		Char	6	
number		Signed Int	10	
part		Char	6	
age		Char	4	
side		Char	4	

8.1.7 limbmeas

The table 'limbmeas' contains bone measurements recorded following Von den Driesch (1976). GLEAS staff devised a recording system whereby the measurements specified in Von den Driesch (1976) for each individual bone were assigned a sequential number. For example, measurement 1 for the femur = GL (greatest length), and for the scapula measurement 1 = HS (height along the spine). For the cranium and mandible however, the measurement numbers roughly correlate to those used in von den Driesch for each particular species, with some variation due to the use of part numbers (e.g. '18' and '18a') in von den Driesch but not in 'skullmeas'.

Note: this table was originally designed with 12 measurement fields (most limb bones have up to 10 measurements and the pelvis has 11-12 measurements), but four further measurement fields were added. These extra fields were added to the table to allow for additional measurements for the pelvis, and to accommodate the inclusion of cranium and mandible measurements, which continue into 'skullmeas.tab'.[1]

Table: limbmeas				
Field	**Field Description**	**Type**	**Size**	**Flags**
boneno	Bone number	Signed Int	10	NN,IX
meas1	Individual bone measurement	Float	6,1	
meas2	Individual bone measurement	Float	6,1	
meas3	Individual bone measurement	Float	6,1	
meas4	Individual bone measurement	Float	6,1	
meas5	Individual bone measurement	Float	6,1	
meas6	Individual bone measurement	Float	6,1	
meas7	Individual bone measurement	Float	6,1	
meas8	Individual bone measurement	Float	6,1	
meas9	Individual bone measurement	Float	6,1	
meas10	Individual bone measurement	Float	6,1	
meas11	Individual bone measurement	Float	6,1	
meas12	Individual bone measurement	Float	6,1	
meas13	Individual bone measurement	Float	6,1	
meas14	Individual bone measurement	Float	6,1	
meas15	Individual bone measurement	Float	6,1	

[1] Following von den Driesch (1976), there are a maximum of 11-12 measurements for the pelvis. It is understood that the additional innominate measurements presented in 'limbmeas' may refer to measurements devised by GLEAS staff, for which there is currently no documentation available.

meas16	Individual bone measurement	Float	6,1	

8.1.8 measpig

This table contains pig limb bone measurements for one site only - MAI86 (21-22 MAIDEN LANE, WC2, WESTMINSTER). The measurements were recorded following von den Driesch (1976). As noted above, GLEAS staff devised a recording system whereby the measurements specified in von den Driesch (1976) for each individual bone were assigned a sequential number. In the table below, there are 10 measurement fields, as there were a maximum of 10 measurements that could be recorded for the selected pig limb bones analysed.

Please note that all MAI86 pig limb bones were measured, including those of juveniles. Unfortunately no detailed information has been recovered at this stage that details exactly how the juvenile measurements were recorded, given that the measurements of von den Driesch are taken between specified points on the bone, some or all of which may not be present on an unfused bone.

Table: measpig				
Field	**Field Description**	**Type**	**Size**	**Flags**
boneno	Bone number	Signed Int	10	
contextno	Context number	Signed Int	10	
bone		Char	4	
meas1	Individual bone measurement	Float	6,1	
meas2	Individual bone measurement	Float	6,1	
meas3	Individual bone measurement	Float	6,1	
meas4	Individual bone measurement	Float	6,1	
meas5	Individual bone measurement	Float	6,1	
meas6	Individual bone measurement	Float	6,1	
meas7	Individual bone measurement	Float	6,1	
meas8	Individual bone measurement	Float	6,1	
meas9	Individual bone measurement	Float	6,1	
meas10	Individual bone measurement	Float	6,1	
proxepi	Proximal Epiphysis	Char	1	
distepi	Distal Epiphysis	Char	1	

8.1.9 pathrem

Table: pathrem				
Field	**Field Description**	**Type**	**Size**	**Flags**
boneno	Bone number	Signed Int	10	NN,IX
path	Pathology	Char	2	
nonmet	Non-metrical characteristics	Char	5	
remark	Pathology remark	Char	200	

8.1.10 scan1

Note: tables 'scan1, 'scan2' and 'scan3' contain data from sites where the animal bone was recorded using the scanning method. See 'The Animal Bone' by Barbara West in Milne and Wardle (1993: 67) for further detail on the scanning method.

Table: scan1				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	MoL site code	Char	7	NN,IX
contextno	Context Number	Signed int	5	NN,IX
species		Char	5	NN,IX
hornc1	Weight for horncore	Signed Int	5	
head1	Weight for head	Signed Int	5	
vertrib1	Weight for vert_rib	Signed Int	5	
upper1	Weight for upperlimb	Signed Int	5	
lower1	Weight for lowerlimb	Signed Int	5	
mtp_ct1	Weight for mtp_cartar	Signed Int	5	
phal_ses1	Weight for phal_dses	Signed Int	5	
lbf1	Weight for lbf	Signed Int	5	
horncore	Horncores and antlers	Char	1	
head	Skull, mandible and teeth	Char	1	
vert_rib	Vertebrae and ribs	Char	1	
upperlimb	Scapula, humerus, innominate, femur	Char	1	
lowerlimb	Radius, ulna, tibia, fibula, patella	Char	1	
mtp_cartar	Metapodials, carpals, tarsals	Char	1	
phal_dses	Phalanges & distal sesamoids relating to the toes	Char	1	
lbf	Long bone fragment	Char	1	
neonates		Char	1	
infant		Char	1	

weight	Total weight	Signed Int	5	
comment		Char	40	
anal_grp	Analytical group	Char	5	

8.1.11 scan2

Table: scan2				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	MoL site code	Char	7	NN,IX
contextno	Context number	Signed Int	5	NN,IX
species		Char	5	NN,IX
dp1	Deciduous premolar 1	Char	2	
dp2	Deciduous premolar 2	Char	2	
dp3	Deciduous premolar 3	Char	2	
dp4	Deciduous premolar 4	Char	2	
p4	Premolar 4	Char	2	
m1	Molar 1	Char	2	
m2	Molar 2	Char	2	
m3	Molar 3	Char	2	
sex		Char	1	

8.1.12 scan3

This table contains bone measurements recorded following von den Driesch (1976). As noted previously for the 'limbmeas' table, GLEAS staff devised a recording system whereby the measurements specified in Von den Driesch (1976) for each individual bone were assigned a sequential number. 'Scan3' includes a total of 28 measurement fields to accommodate additional innominate measurements and selected skull measurements. [2]

Note: for skull (cranium and mandible) measurements, measurement numbers 1- 17 roughly correlate to those in von den Driesch for each species, with some variations due to the use of part numbers (e.g. '3' and '3a') in von den Driesch but not in 'scan3'. Measurements 23, 23, 27 and 28 refer to the following measurements:

Measurement 22 = L (length) of M^3
Measurement 23 = B (breadth) of M^3
Measurement 27 = Height of the mandible behind M^3, from the most arboreal point of the alveolus
Measurement 28 = Height of the mandible in front of M_1

(In von den Driesch, the corresponding measurement numbers for the above vary according to the species – e.g. Measurement 27 = Measurement 16a for a SUS mandible and Measurement 22a for an EQUUS mandible).

[2] Following von den Driesch (1976), there are a maximum of 11-12 measurements for the pelvis. It is understood that the additional innominate measurements presented in 'scan3' may refer to measurements devised by GLEAS staff, for which there is currently no documentation available.

Table: scan3				
Field	**Field Description**	**Type**	**Size**	**Flags**
sitecode	MoL site code	Char	7	NN,IX
contextno	Context Number	Signed Int	5	NN,IX
species		Char	5	NN,IX
bone		Char	5	NN
sex		Char	2	
meas1	Individual bone measurement	Float	6,1	
meas2	Individual bone measurement	Float	6,1	
meas3	Individual bone measurement	Float	6,1	
meas4	Individual bone measurement	Float	6,1	
meas5	Individual bone measurement	Float	6,1	
meas6	Individual bone measurement	Float	6,1	
meas7	Individual bone measurement	Float	6,1	
meas8	Individual bone measurement	Float	6,1	
meas9	Individual bone measurement	Float	6,1	
meas10	Individual bone measurement	Float	6,1	
meas11	Individual bone measurement	Float	6,1	
meas12	Individual bone measurement	Float	6,1	
meas13	Individual bone measurement	Float	6,1	
meas14	Individual bone measurement	Float	6,1	
meas15	Individual bone measurement	Float	6,1	
meas16	Individual bone measurement	Float	6,1	
meas17	Individual bone measurement	Float	6,1	
meas22	Individual bone measurement	Float	6,1	
meas23	Individual bone measurement	Float	6,1	
meas27	Individual bone measurement	Float	6,1	
meas28	Individual bone measurement	Float	6,1	

8.1.13 skullmeas

This table contains the remaining measurements for the cranial bones recorded in the table 'limbmeas'. There are a total of 32 measurement fields, continuing on from the 'limbmeas' table with 'meas17' and moving through to 'meas48'. The measurement numbers roughly correlate to those used in von den Driesch for each species, with some variations due to the use of part numbers (e.g. '18' and '18a') in von den Driesch but not in 'skullmeas'.

Table: skullmeas				
Field	**Field Description**	**Type**	**Size**	**Flags**
boneno	Bone number	Signed Int	10	NN,IX
meas17	Individual bone measurement	Float	6,1	
meas18	Individual bone measurement	Float	6,1	
meas19	Individual bone measurement	Float	6,1	
meas20	Individual bone measurement	Float	6,1	
meas21	Individual bone measurement	Float	6,1	
meas22	Individual bone measurement	Float	6,1	
meas23	Individual bone measurement	Float	6,1	
meas24	Individual bone measurement	Float	6,1	
meas25	Individual bone measurement	Float	6,1	
meas26	Individual bone measurement	Float	6,1	
meas27	Individual bone measurement	Float	6,1	
meas28	Individual bone measurement	Float	6,1	
meas29	Individual bone measurement	Float	6,1	
meas30	Individual bone measurement	Float	6,1	
meas31	Individual bone measurement	Float	6,1	
meas32	Individual bone measurement	Float	6,1	
meas33	Individual bone measurement	Float	6,1	
meas34	Individual bone measurement	Float	6,1	
meas35	Individual bone measurement	Float	6,1	
meas36	Individual bone measurement	Float	6,1	
meas37	Individual bone measurement	Float	6,1	

meas38	Individual bone measurement	Float	6,1	
meas39	Individual bone measurement	Float	6,1	
meas40	Individual bone measurement	Float	6,1	
meas41	Individual bone measurement	Float	6,1	
meas42	Individual bone measurement	Float	6,1	
meas43	Individual bone measurement	Float	6,1	
meas44	Individual bone measurement	Float	6,1	
meas45	Individual bone measurement	Float	6,1	
meas46	Individual bone measurement	Float	6,1	
meas47	Individual bone measurement	Float	6,1	
meas48	Individual bone measurement	Float	6,1	

8.1.14 toothage

Table: toothage				
Field	**Field description**	**Type**	**Size**	**Flags**
boneno	Bone number	Signed Int	10	NN,PK
pm2	Premolar 2	Char	2	
pm3	Premolar 3	Char	2	
pm4	Premolar 4	Char	2	
m1	Molar 1	Char	2	
m2	Molar 2	Char	2	
m3	Molar 3	Char	2	
dump	Combined tooth wear data (see 8.2.13 below)	Char	40	
dump2	Combined tooth wear data (see 8.2.13 below)	Char	40	

8.1.15 ux

Table: ux				
Field	**Field Description**	**Type**	**Size**	**Flags**
Catno	Bone number	Signed int	10	IX
boneno	Bone number from Uxbridge list	Signed int	5	IX
easting	East square	Signed int	5	
northing	North square	Signed int	5	
quad	Quadrant letter	Char	1	
spit	Spit number	Signed int	5	

contextno	Context number	Signed int	10	IX
sboneno	Small bone number (meaning unclear)	Signed int	5	
east	East coordinates	Float	5,2	
north	North coordinates	Float	5,2	
level	OD height	Float	6,3	
orientation	Angle off bone sheets (site sheets)	Signed int	5	
tilta	Angle of tilt along long axis	Signed int	5	
tiltb	Angle of tilt along short axis	Signed int	5	
photono	Photo number (usually a single number but sometimes with square)	Char	7	
mshft_diam	Mid shaft diameter	Float	3,1	
wall_thickness	Thickness of bone wall	Float	3,1	
condition	Condition of bone on graded scale	Char	2	
break_descrip	Nature of break surfaces	Char	2	
boneunit	Bone number of the main fragment to which the piece joins	Signed int	5	
individual	Individual (a number) to which the bone belongs	Signed int	5	
comment	Any comments as relevant	Char	120	

8.1.16 zone

This table records the presence/absence of various bone zones devised by D.J. Rackham (former head of GLEAS) – see Rackham (1986).

Table: zone				
Field	**Field description**	**Type**	**Size**	**Flags**
boneno	Bone number	Signed Int	10	NN,IX
bone		Char	5	NN,IX
side		Char	1	
zone0	See Rackham (1986)	Char	1	
zone1	See Rackham (1986)	Char	1	
zone2	See Rackham (1986)	Char	1	
zone3	See Rackham (1986)	Char	1	
zone4	See Rackham (1986)	Char	1	
zone5	See Rackham (1986)	Char	1	
zone6	See Rackham (1986)	Char	1	
zone7	See Rackham (1986)	Char	1	
zone8	See Rackham (1986)	Char	1	
zone9	See Rackham (1986)	Char	1	

8.2 BONE CODES

8.2.1 Animal Bone Codes

Every attempt has been made to provide expansions for the bone codes that appear in the various animal bone tables. Please note that code expansions in lower case are deductions only, and should be treated with care (these codes appear very infrequently in the data).

Note: the following species codes also inadvertently appear in the bone code fields of the various Informix database tables: BOS, CSZ, DSP, FEL, GOOS, OVCA, SMA, SSZ, SUS AND UNIF. See table 8.2.2 below for the relevant code expansions.

CODE	EXPANSION
AAV	ANT-ABDOM.VERT
ACET	ACETABULUM
ANT	ANTLER
APH	ANTERIOR PHALANGE
ART	ARTICULAR
AST	ASTRAGALUS
ATL	ATLAS
AUDI	AUDITORY CAPSULE
AXI	AXIS
BAC	BACULUM
BAPT	BASIPTERIGIUM
BASI/ BSO	BASIOCCIPITAL
BRST	BRANCHIOSTEGAL
C23	CUNEIFORM 2+3
CAL	CALCANEUM
CAR	CARPAL
CC	COSTAL CARTILAGE
CCR	Costal cartilage? (correct code = CCR)
CDV	CAUDAL VERTEBRA
CERA	CERATOHYAL
CERL	CERATOBRANCHIAL
CER7	7TH CERVICAL VERTEBRA
CEV	CERVICAL VERTEBRA
CKT	CHEEK TOOTH
CL	CLEITHRUM
CLV	CLAVICULA
CMC	Carpometacarpus? (correct code = CPM)
COR	CORACOID
CP	CARPAL
CP1	1ST CARPAL=TRAPEZIUM
CP2	2ND CARPAL=TRAPEZOID
CP3	3RD CARPAL=MAGNUM
CP4	4TH CARPAL=UNCIFORM
CPA	ACCESS.CARPAL=PISIFORM
CPE	Unknown
CPI	INTERM.CARPAL=LUNATE
CPM	CARPOMETACARPUS
CPR	RADIAL CARPAL=SCAPHOID
CPU	ULNAR CARPAL=CUNEIFORM
CQ	CENTROQUARTAL

CRHY	CERATOHYAL
CRP	CARAPACE
CTA	CARPAL/TARSAL
CU	CUNEIFORM
CU1	CUNEIFORM 1=MEDIAL
CU2	CUNEIFORM 2=INTERMEDIATE
CU3	CUNEIFORM 3=LATERAL
CUB	CUBOID
CUN	Cuneiform? (Correct code = CU)
DDE	DERMAL DENTICLE
DEN	Dentary? (Correct code = DENT/ DN)
DENT (see also DN)	DENTARY
DER	Dermal denticle? (Correct code = DERM)
DERM	DERMAL DENTICLE
DERS	DERMAL SCUTE
DFIN	DORSAL FIN SPINE
DFN	DORSAL FIN RAY
DLP	Deciduous mandibular premaxillary tooth? (Correct code = LDP).
DN (see also DENT)	DENTARY
DTH	DECIDUOUS TOOTH
DUP	DECIDUOUS UPPER PREMAXILLARY TOOTH
ECTO	ECTOPTERYGOID
EPI	EPIHYAL
EPIB	EPIBRANCHIAL
ETHM	ETHMOID
EXOC	EXOCCIPITAL
F	Unknown
FEM	FEMUR
FIB	FIBULA
FIN	FIN SPINE
FINR	Finray? (Correct code = FRAY)
FRA	Finray? (Correct code = FRAY)
FRAY	FIN RAY
FRN/ FRNT	FRONTAL
FUR	FURCULUM
HAEM	INTERHAEMAL SPINE
HCO	HORN CORE
HUM	HUMERUS
HYD	HYOID
HYO	HYOMANDIBULAR
HYPO	HYPOHYAL
ILM	ILIUM
INHY	INTERHYAL
INN	INNOMINATE
INT	INTERHAEMAL SPINE
INTE	INTERHAEMAL SPINE
INTO	INTEROPERCULAR
IONN	Innominate? (Correct code = INN)

ISH	ISCHIUM
LBF	LONG BONE FRAGMENT
LBON	LONG BONE MIDSHAFT
LC	MANDIBULAR CANINE TOOTH
LDP	DECIDUOUS MANDIBULAR PREMAXILLARY TOOTH
LI	MANDIBULAR INCISOR TOOTH
LM	MANDIBULAR MOLAR TOOTH
LML	LATERAL MALLEOLUS
LMV	LUMBAR VERTEBRA
LPH	LATERAL PHALANGE
LPM	MAN.PREMOLAR
LSA	LUMBOSACRALE
MAM	Should be MAN for Mandible?
MAN	MANDIBLE
MAX	MAXILLA
MC1	METACARPAL 1
MC2	METACARPAL 2
MC3	METACARPAL 3
MC4	METACARPAL 4
MC5	METACARPAL 5
MMC	Unknown
MMT	Unknown
MND	MANDIBULAR DECIDUOUS TOOTH
MNM	Mandibular Molar Tooth? (Correct code = LM)
MNT	MANDIBULAR TOOTH
MT	METATARSUS
MT1	METATARSAL 1
MT2	METATARSAL 2
MT3	METATARSAL 3
MT4	METATARSAL 4
MT5	METATARSAL 5
MTCC	Metacarpal? (Correct code = MTC)
MTC	METACARPAL
MTP	METAPODIAL
MTT	METATARSAL
MXD	MAXILLARY DECIDUOUS TOOTH
MXT (see also UT)	MAXILLARY TOOTH
NAS	NASAL
NAV	NAVICULAR
NTC	Unknown
NTT	Unknown
OCC	OCCIPITAL
OP/ OPER	OPERCULAR
OSS	OSSIFIED BIRD TENDON
OTO	OTOLITH
PAL	PALATAL BONE
PALA	PALATINE
PAR	PARIETAL
PARA/ PAS	PARASPHENOID
PAT	PATELLA
PAV	POST-ABDOM.VERT

PCL	POSTCLEITHRUM
PET	PETROUS
PH	PHALANX
PHI	Should be PH1 for 1st Phalanx?
PH1	1ST PHALANX
PH2	2ND PHALANX
PH3	3RD PHALANX
PH4	Unknown. Could stand for 4th Phalanx but may also be an erroneous code (i.e. should be PH3 or PHA for example).
PHA	PHALANX INDET
PHAR	PHARYNGEAL BONE
PIS	PISIFORM
PLA	PLASTRON (LOWER CARAPACE)
PM4	Premolar 4? (Tooth code)
PMX	PREMAXILLA
POCL	POSTCLEITHRUM
POP/ PREO	CED89, COD, 177
POST/ POT	POSTTEMPORAL
PPH	POSTERIOR PHALANGE
PREF	PREFRONTAL
PREV/ PRV	PREVOMER
PUB	PUBIS
QUAD/ QU	QUADRATE
RAD	RADIUS
RIB	RIB
RNG	TRACHEAL RING
ROS	ROSTRUM
RUL	RADIUS + ULNA
S+H	SKULL + HORN CORE
SAC	SACRUM
SCAL	SCALE
SCAP	Scapula? (Correct code = SCP)
SCL	SUPRA CLEITHRUM
SCP	SCAPULA
SES	SESAMOID
SF	Shaft fragment? (Correct code = SHF)
SHF	SHAFT FRAGMENT
SKL	SKULL
SOP	SUBOPERCULAR
SPIN	FIN SPINE
STE	STERNUM
SUBO	SUBOPERCULAR.
SUPC	SUPRACLEITHRUM
SUPR	SUPRAOCCIPITAL
SYN	Synsacrum?
TAR	TARSAL
TBT	TIBIOTARSUS
TEMP/ TEM	TEMPORAL
TIB	TIBIA
TMT	TARSOMETATARSUS

TR1	1ST TARSAL=INTERNAL (MEDIAL) CUNEIFORM
TR2	2ND TARSAL=MIDDLE (INTERMEDIATE) CUNEIFORM
TR3	3RD TARSAL=EXTERNAL (LATERAL) CUNEIFORM
TR4	4TH TARSAL=CUBOID
TR5	5TH TARSAL=CUBOID
TRC	=CQ=CENT.TARS=NAVICULO-CUBOID
TRV	THORACIC VERTEBRA
TTH	TOOTH
uc	Maxillary Canine Tooth?
UI	MAXILLARY INCISOR TOOTH
ULN	ULNA
UM	MAXILLARY MOLAR TOOTH
UNI	UNIDENTIFIED
UR	UROHYAL
URO	UROSTYLE
UROH	UROHYAL
UT (see also MXT)	MAXILLARY TOOTH
VAA	VERTEBRA, ABDOMINAL. ANTERIOR
VAP	VERTEBRA, ABDOMINAL, POSTERIOR
VER	VERTEBRA
VOM	VOMER
ZYG	ZYGOMATIC

8.2.2 Animal Species

Every attempt has been made to provide expansions for the species codes that appear in the various animal bone tables. Please note that code expansions in lower case are deductions only, and should be treated with care (these codes appear very infrequently in the data).

Note: the following bone codes also inadvertently appear in the species code fields of the table scan3.tab: MC3, MTT and TRC. See table 8.2.1 above for the relevant code expansions.

SPECIES	COMMON_NAME	LATIN_NAME
ALLI	ALLIS SHAD	ALOSA ALOSA
AMP	Unknown	
AURO	AUROCHS	BOS PRIMIGENIUS
BADG	BADGER	MELES MELES
BANK	BANK VOLE	CLETHRIONOMYS GLAREOLUS
BARB	BARBEL	BARBUS BARBUS
BARN	Barn owl?[3]	TYTO ALBA
BART	BAR-TAILED GODWIT	LIMOSA LAPPONICA
BASS	BASS	DICENTRARCHUS LABRAX
BAT	BAT	CHIROPTERA
BEAV	BEAVER	CASTOR FIBER
BIRD	Unidentified bird? (Correct code = UNIB)	
BITT	BITTERN	BOTAURUS STELLARIS
BLCK	BLACKBIRD	TURDUS MERULA
BLKK	BLACK KITE	MILVUS MIGRANS
BOS	CATTLE	BOS TAURUS (DOMESTIC)
BOSA	Cattle? (Correct code – BOS)	BOS TAURUS (DOMESTIC)
BRB	BEAR, BROWN	URSUS ARCTOS
BREC	BREAM, COMMON	ABRAMIS BRAMA
BSTK	STORK, BLACK	CICONIA NIGRA
BUZZ	BUZZARD	BUTEO BUTEO
C/DZ	CHICKEN/DUCK SIZE	
CAN	DOG	CANIS FAMILIARIS
CANI	DOG, UNID	CANIDAE
CARP	CARP, COMMON	CYPRINUS CARPIO
CER	RED DEER	CERVUS ELAPHUS
CERP	RED DEER (PROBABLY)	CERVUS ELAPHUS
CHIK	CHICKEN	GALLUS GALLUS (DOMESTIC)
CHKZ	CHICKEN SIZE	
CHUB	CHUB	LEUCISCUS CEPHALUS
CICY (see also HENH)	HEN HARRIER	CIRCUS CYANEUS
CLS	ROE DEER	CAPREOLUS CAPREOLUS
CLUP	HERRING FAMILY	CLUPEIDAE

[3] The code 'BARN' appears twice in the data relating to TOL79. Please consult the paper archive for TOL79 if you are researching this site.

COD	COD	GADUS MORHUA
COL	WOOD PIGEON/DOVE	COLUMBA SP.
CONG	CONGER EEL	CONGER CONGER
COOT	COOT	FULICA ATRA
CORC	MED CORVID-CARRION CROW/ROOK	CORVUS CORONE/FRUGILEGUS
CORM	CORMORANT	PHALACROCORAX CARBO
CORS	SMALL CORVID-MAGPIE OR JACKDAW	PICA PICA/CORVUS MONEDULA
CORV	CROW FAMILY	CORVIDAE
CPR	Roe Deer? (Correct code = CLS)	CAPREOLUS CAPREOLUS
CRA	GOAT	CAPRA HIRCUS
CRAN	COMMON CRANE	GRUS GRUS
CROW	CARRION CROW	CORVUS CORONE
CSZ	OX/CATTLE SIZE	
CSZE	Unknown – could be ox/cattle size (Correct code = CSZ)	
CURL	CURLEW	NUMENIUS ARQUATA
CYP	CARP (FAMILY)	CYPRINIDAE
DAB	DAB	LIMANDA LIMANDA
DACE	DACE	LEUCISCUS LEUCISCUS
DAM	FALLOW DEER	DAMA DAMA
DOL	DOLPHIN, COMMON	DELPHINUS DELPHINUS
DOVE	ROCK/STOCK DOVE	COLUMBA LIVIA/C.OENAS
DSP	DEER SPECIES	CERVIDAE
DSSP	Deer species? (Correct code = DSP)	CERVIDAE
DUCK	DUCK SPECIES	
EAGL	GOLDEN EAGLE	AQUILA CHRYSAETOS
EEL	EEL	ANGUILLA ANGUILLA
EGGA	CATTLE EGRET	EGRETTA GARZETTA
ELAS	ELASMOBRANCH	
ELEP	ELEPHANT	
EQU	HORSE	EQUUS CABALLUS
FAL	PEREGRINE FALCON	FALCO PEREGRINUS
FARE	FIELDFARE	TURDUS PILARIS
FEL	CAT	FELIS CATUS
FL	FLOUNDER	PLATICHTHYS FLESUS
FOX	FOX	VULPES VULPES
FROG	FROG	RANA TEMPORARIA
FRTO	FROG OR TOAD	RANA SP./BUFO SP.
GADI	GADID SP.	GADIDAE
GADS	GADID SIZE	
GALL	MOORHEN	GALLINULA CHLOROPUS
GARF	GARFISH	BELONE BELONE
GARG	GARGANEY	ANAS QUERQUEDULA
GAZE	GAZELLE, UNIDENTIFIED	GAZELLA SP.
GBBG	GREATER BLACK BACKED GULL	LARUS MARINUS
GDIV	GREAT NORTHERN DIVER	GAVIA IMMER
GDLA	LARGE GADIDS	GADIDAE
GDSM	SMALL GADIDS	GADIDAE
GODW	GODWIT SP.	LIMOSA SP.
GOLD	GOLDENEYE	BUCEPHALA CLANGULA

GOOS	GOOSE	ANSER ANSER (DOMESTIC)
GOPL	GOLDEN PLOVER	PLUVIALIS APRICARIA
GOS	SMALL GOOSE	
GOSH	GOSHAWK	ACCIPITER GENTILIS
GREY	GREY PLOVER	PLUVIALIS SQUATAROLA
GRPM	PRIMAEVAL CRANE[4]	GRUS PRIMIGENIUS
GSNA	GRASS SNAKE	NATRIX NATRIX
GSSP	GOOSE SPECIES	
GSZE	GOOSE SIZE	
GUD	GUDGEON	GOBIO GOBIO
GULL	GULL FAMILY	LARIDAE
GURN	GURNARD	TRIGLIDAE
HADD	HADDOCK	MELANOGRAMMUS AEGLEFINUS
HAKE	HAKE	MERLUCCIUS MERLUCCIUS
HALI	HALIBUT	HIPPOGLOSSUS HIPPOGLOSSUS
HARE	HARE, BROWN	LEPUS EUROPAEUS
HARV	HARVEST MOUSE	MICROMYS MINUTUS
HEEG	HERON/EGRET	
HENH (see also CICY)	HEN HARRIER	CIRCUS CYANEUS
HERO	GREY HERON	ARDEA CINEREA
HERR	HERRING	CLUPEA HARENGUS
HESP	HERRING/SPRAT	C HARENGUS/S SPRATTUS
HGUL	HERRING GULL	LARUS ARGENTATUS
HHOG	HEDGEHOG	ERINACEUS EUROPAEUS
HOUS	HOUSE MOUSE	MUS MUSCULUS
JACK	JACKDAW	CORVUS MONEDULA
JAMA	JACKDAW/MAGPIE	CORVUS MONEDULA/PICA PICA
KNOT	KNOT	CALIDRIS CANUTUS
LAGO	LAGOMORPH	LAGOMORPH
LAPW	LAPWING	VANELLUS VANELLUS
LEP	HARE	
MACK	MACKEREL	SCOMBER SCOMBRUS
MALL	MALLARD	ANAS PLATYRHYNCHOS
MAN	HUMAN	HOMO SAPIENS SAPIENS
MARH	MARSH HARRIER	CIRCUS AEROGINOSUS
MCAG	FIELD VOLE	MICROTUS AGRESTIS
MER	MERLIN	FALCO COLUMBARIUS
MERG	MERGANSER	MERGUS ALBELLUS
MOLE	MOLE	TALPA EUROPAEA
MOUS	MOUSE SPECIES	MOUSE SPECIES
MOVO	MOUSE/VOLE	
MULL	MULLET, GREY	MUGILIDAE
MULS	MULLET SPECIES	
MUTE	MUTE SWAN	CYGNUS OLOR
NORV	BROWN RAT	RATTUS NORVEGICUS
ORC	RABBIT	ORYCTOLAGUS CUNICULUS

[4] 'Primaeval Crane' would be described today as 'Crane, Unidentified'.

ORCA	Rabbit? (Correct code = ORC)	ORYCTOLAGUS CUNICULUS
OSTR	OSTRICH	STRUTHIO CAMELUS
OTTR	OTTER	LUTRA LUTRA
OVCA	SHEEP/GOAT	OVIS ARIES/CAPRA HIRCUS
OVI	SHEEP	OVIS ARIES
OWL	OWL SPECIES	
OYST	OYSTER CATCHER	HAEMATOPUS OSTRALEGUS
PADO	SPARROW, HOUSE	PASSER DOMESTICUS
PAMO	SPARROW, TREE	PASSER MONTANUS
PART	PARTRIDGE	PERDIX PERDIX
PASL	PASSERINE, LARGE	
PASS	PASSERINE, SMALL	
PAUN	SPARROW, UNIDENTIFIED	PASSER SP.
PEAC	PEACOCK	PAVO SP
PECK	GREEN WOODPECKER	PICUS VIRIDIS
PER	PERCH-LIKE FISHES	PERCIFORMES
PERC	PERCH	PERCA FLUVIATILIS
PHEA	PHEASANT	PHASIANUS COLCHICUS
PIDG	WOODPIGEON	COLUMBA PALUMBUS
PIKE	PIKE	ESOX LUCIUS
PINE	PINE MARTEN	MARTES MARTES
PINT	PINTAIL	ANAS ACUTA
PL	PLAICE	PLEURONECTES PLATESSA
PLAI	Plaice? (Correct code = PL)	PLEURONECTES PLATESSA
PLFL	PLAICE/FLOUNDER	PLAICE/FLOUNDER
PLOV	GREY/GOLDEN PLOVER	PLUVIALIS SP.
PODO	PORPOISE/DOLPHIN	PORPOISE OR DOLPHIN
POLE	POLECAT	MUSTELA PUTORIUS
POLL	POLLACK	POLLACHIUS POLLACHIUS
POR	PORPOISE	PHOCOENA PHOCOENA
PYGM	PYGMY SHREW	SOREX MINUTUS
QUAI	QUAIL	COTURNIX COTURNIX
RANP	REINDEER (PROBABLY)	
RAP	RAPTOR	
RAPS	SMALL RAPTOR	
RAT	BLACK RAT	RATTUS RATTUS
RATS	RAT SPECIES	RATTUS SPECIES
RAVE	RAVEN	CORVUS CORAX
RAY	RAY INDET.	RAJIDAE
RAZO	RAZORBILL	ALCA TORDA
RDIV	RED-THROATED DIVER	GAVIA STELLATA
REDG	RED GROUSE	LAGOPUS LAGOPUS
REDK	RED KITE	MILVUS MILVUS
REDS	RED SQUIRREL	SCIURUS VULGARIS
REIN	REINDEER	RANGIFER TARANDUS
ROAC	ROACH	RUTILUS RUTILUS
ROCK	ROCK DOVE	COLUMBA LIVIA
ROOK	ROOK	CORVUS FRUGILEGUS
RTZ	RAT SIZED	
SAIT	SAITHE/COALFISH/COLEY	POLLACHIUS VIRENS
SALA	SALMON	SALMO SALAR
SALM	SALMONID SP.	SALMONIDAE

SAND	GOOSANDER	MERGUS MERGANSER
SCOP	LEFT-EYED FLATFISHES	SCOPHTHALMIDAE
SCOT	SCOTER	MELANITTA SP.
SDOV	CF TURTLE DOVE	STREPTOPILIA TURTUR
SEAL	SEAL	SEAL SPECIES
SHA	SHAD	ALOSA SP
SHEL	SHELDUCK	TADORNA TADORNA
SILV	BREAM, SILVER	BLICCA BJOERKNA
SMA	SMALL MAMMAL	
SMBI	Passerine, small? (Correct code = PASS)	
SMEL	SMELT	OSMERUS EPERLAUNUS
SMEW	SMEW	MERGUS ALBELLUS
SNAK	SNAKE	SNAKE SPECIES
SNIP	SNIPE	GALLINAGO GALLINAGO
SOAR	COMMON SHREW	SOREX ARANEUS
SOLE	SOLE	SOLEA SOLEA
SONG	SONG THRUSH	TURDUS PHILOMELOS
SPAR	SEA-BREAM	SPARIDAE
SPHK	SPARROWHAWK	ACCIPITER NISUS
SPRA	SPRAT	SPRATTUS SPRATTUS
SRO	RODENT SMALLER THAN RAT	
SSM	Unknown	
SSZ	SHEEP SIZE	
SSZK	Unknown – possibly meant to be sheep size? (Correct code = SSZ)	
STAR	STARLING	STURNUS VULGARIS
STIC	STICKLEBACK, THREE-SPINED	GASTEROSTEUS ACULEATUS
STOC	STOCK DOVE	COLUMBA OENAS
STOT	STOAT	MUSTELA ERMINEA
STUR	STURGEON	ACIPENSER STURIO
SUS	PIG	SUS SCROFA/SP. (DOMESTIC)
SUSA	Pig? (Correct code = SUS)	SUS SCROFA/SP. (DOMESTIC)
SWAN	SWAN SPECIES	CYGNUS SP.
TEAL	TEAL	ANAS CRECCA
TEN	TENCH	TINCA TINCA
THL	LARGE THRUSH	CF TURDUS MERULA
THOR	THORNBACK RAY	RAJA CLAVATA
THS	SMALL THRUSH	CF TURDUS PHILOMELOS
TOAD	TOAD, COMMON	BUFO BUFO
TORT	UNIDENTIFIED TORTOISE SPECIES	TESTUDO SP.
TOWL	OWL, TAWNY	STRIX ALUCO
TTOT	REDSHANK	TRINGA TOTANUS
TTSH	Unknown	
TUFT	TUFTED DUCK	AYTHYA FULIGULA
TURB	TURBOT	SCOPTHALMUS MAXIMUS
TURK	TURKEY	MELEAGRIS GALLOPAVO
TURT	UNIDENTIFIED TURTLE SPECIES	

TUSP	THRUSH SPECIES	TURDUS SP.
TWAI	TWAITE SHAD	ALOSA FALLAX
UNI	UNIDENTIFIED MAMMAL	
UNIB	UNIDENTIFIED BIRD	
UNIF	UNIDENTIFIED FISH	
VELV	VELVET SCOTER	MELANITTA FUSCA
VOLE	VOLE SPECIES	MICROTINAE
WADE	WADER/PLOVER	
WARA	WATER RAIL	RALLUS AQUATICUS
WATS	SHREW, WATER	NEOMYS FODIENS
WAVO	WATER VOLE	ARVICOLA TERRESTRIS
WEAS	WEASEL	MUSTELA NIVALIS
WHAL	WHALE	CETACEA
WHIT	WHITING	MERLANGIUS MERLANGUS
WIDG	WIGEON	ANAS PENELOPE
WLDG	WILD GOOSE SP.	
WOOD	WOODCOCK	SCOLOPAX RUSTICOLA
WOOM	WOOD MOUSE	APODEMUS SYLVATICUS
WRAS	WRASSE	LABRIDAE
WSTK	STORK, WHITE	CICONIA CICONIA
WTSE	WHITE-TAILED SEA EAGLE	HALIAEETUS ALBICILLA

8.2.3 Animal Bone Parts

Note: these codes may appear in combination in the data. For example, 'ANTPE' = Anterior Proximal Epiphysis.

Code expansions in lower case are best deductions only, and should be treated with care. Further undocumented codes also appear in the data – it has not been possible to identify the expansions for these codes at this time.

PART	EXP
ANT	ANTERIOR
ART	ARTICULATION
D+E	DISTAL SHAFT + DETACHED EPIPHYSIS
DE	DISTAL EPIPHYSIS
DEF	DISTAL EPIPHYSIS FRAG
DES	DISTAL EPIPHYSIS + SHAFT
DIS/ DIST	DISTAL
DOR	DORSAL
DS	DISTAL SHAFT FRAGMENT
E	EPIPHYSIS
F	FRAGMENT
LAT	LATERAL
MED	MEDIAL
P+D	PROXIMAL + DISTAL
P+E	PROXIMAL SHAFT + DETACHED EPIPHYSIS
PE	PROXIMAL EPIPHYSIS
PEF	PROXIMAL EPIPHYSIS FRAG
PES	PROXIMAL EPIPHYSIS + SHAFT
POF	POSTERIOR FRAGMENT
POS/ POST	POSTERIOR
PRO/ PROX	PROXIMAL
PSF	PROXIMAL SHAFT FRAGMENT
S	SHAFT
SDE	MIDSHAFT AND DISTAL EPIPHYSIS
SYM	SYMPHYSIS
UNI	Unidentified?
V+E	VERTEBRA + DETACHED EPIPHYSIS
VEN	VENTRAL
W	WHOLE BONE

8.2.4 Bone State Codes

STATE	EXP
BT	BUTCHERY
WR	WORKING
PT	PATHOLOGY
BR	BURNING
GN	GNAWING

8.2.5 Butchery Codes

Note: these codes should appear in combination with bone part codes, and often with a figure indicating the number of instances: e.g: 'P CH 3' = proximal end chopped three times, 'DISSW1' = distal end sawn once.

CODE	EXPANSION
CH	CHOPPED
KN	KNIFED
KW	KITCHEN WASTE – VERY HEAVILY BUTCHERED FRAGMENTS
SP	VERTEBRA SPLIT DOWN SAGITTAL PLANE
SW	SAWN
TR	TRANSVERSE
WO	WORKED

8.2.6 Gnawing Codes

Note: these codes appear in combination with each other, and with bone part codes.
For example, 'DERN1' = Distal end slightly gnawed by rodent
'PEDG3' = Proximal epiphysis severely gnawed by dog

CODE	EXPANSION
1	SLIGHT
2	MEDIUM
3	SEVERE
DG	DOG
OH	OTHER, SPECIFIED UNDER 'REMARKS'
RD	RODENT

8.2.7 Burning Codes

CODES	EXPANSION
B	BLACK
W	WHITE OR GREY

Note: Further undocumented codes appear in the 'burning' data field. It has not been possible to identify the expansions for these codes at this time.

8.2.8 Fusion Codes

CODES	EXPANSION
C	EPIPHYSIAL LINE VISIBLE BUT CLOSED
F	FUSED
O	EPIPHYSIAL LINE VISIBLE AND OPEN
U	UNFUSED

Note: Further undocumented fusion codes appear in the data. It has not been possible to identify the expansions for these codes at this time.

8.2.9 Sex Codes

CODE	EXPANSION
C	CASTRATE
F	FEMALE
M	MALE

Note: Further undocumented sex codes appear in the data. It has not been possible to identify the expansions for these codes at this time.

8.2.10 Age Codes

CODE	EXPANSION
A	ADULT
FN	FOETAL OR NEWBORN
I	INFANT: SLIGHTLY LARGER THAN NEWBORN
J	JUVENILE: EPIPHYSIAL LINE VISIBLE BUT OPEN
O	OLD
SA	SUB-ADULT: EPIPHYSIAL LINE VISIBLE BUT CLOSED
YA	YOUNG ADULT

Note: Further undocumented age codes appear in the data. It has not been possible to identify the expansions for these codes at this time.

8.2.11 Side Codes

CODE	EXPANSION
B	BOTH
L	LEFT
R	RIGHT

Note: Further undocumented side codes appear in the data. It has not been possible to identify the expansions for these codes at this time.

8.2.12 Pathology codes

Bone pathology remarks are recorded in the table 'pathremark.tab'. There are two fields with coded data: 'path' and 'non-met'. The expansions for the codes in these fields are provided below:

'Path' field code:

CODE	EXPANSION
P/ p	Present

Note: the 'path' field also contains additional non-standard codes that it has not been possible to identify. These non-standard codes appear infrequently in the data.

'Nonmet' field codes:

(These sometimes appear in combination, e.g. MC+P+)

CODE	EXPANSION
CDL	Cattle femur: distal nutrient foramen on LATERAL SIDE
CDM	Cattle femur: distal nutrient foramen on MEDIAL SIDE
MC+	Posterior column of lower M3 present
MC-	Posterior column of lower M3 absent
P+	Lower premolar 2 present
P-	Lower premolar 2 absent
SDL	Sheep femur: nutrient foramen on DISTAL LATERAL SIDE
SDM	Sheep femur: nutrient foramen on DISTAL MEDIAL SIDE
SPA	Sheep femur: nutrient foramen on PROXIMAL ANTERIOR SIDE
PMF	Sheep mandible: foramen below premolar 2/3

Note: the 'nonmet' field also contains additional non-standard codes that it has not been possible to identify. These non-standard codes appear infrequently in the data.

8.2.13 Tooth wear codes

Alphabetical equivalents were assigned to each individual tooth as noted below:

TOOTH	ALPHABETICAL EQUIVALENT
I1	A
I2	B
13	C
C1	D
P1	E
P2	F
P3	G
P4	H
M1	I
M2	J
M3	K
i1	a
i2	b
i3	c
c1	d
dp1	e
dp2	f
dp3	g
dp4	h

Tooth wear stages were recording using Payne (1973), Grant (1975) and Grant (1982). Numerical equivalents were assigned to the alphabetical tooth wear codes however, as detailed in the tables below.

Grant (1975) – tooth wear stages (t.w.s) of pig teeth

TWS	NUMERICAL EQUIVALENT
a	6
b	7
c	8
d	9
e	10
f	11
g	12
h	13
j	14
k	15
l	16
m	17
n	18

Grant (1982) – tooth wear stages (t.w.s.) of cattle teeth

TWS	NUMERICAL EQUIVALENT
a	6
b	7
c	8
d	9
e	10
f	11
g	12
h	13
j	14
k	15
l	16
m	17
n	18
o	19
p	20

Grant (1982) – tooth wear stages (t.w.s) of sheep/ goat teeth

TWS	NUMERICAL EQUIVALENT
a	6
b	7
c	8
d	9
e	10
f	11
g	12
h	13
j	14
k	15
l	16
m	17
n	18
o	19

Payne (1973: 290) tooth wear stages (t.w.s) for sheep/goat – M3

TWS	NUMERICAL EQUIVALENT
Least wear	6
	7
	8
	9
	10
	11
	12
	13
	14
	15
	16
	17
	18
	19
	20
Most wear	21

Payne (1973: 291) tooth wear stages (t.w.s) for sheep/goat – m3

TWS	NUMERICAL EQUIVALENT
Least wear	6
	7
	8
	9
	10
	11
	12
	13
	14
	15
	16
Most wear	17

Payne (1973: 29) tooth wear stages (t.w.s) for sheep/goat – P4

TWS	NUMERICAL EQUIVALENT
Least wear	6
	7
	8
	9
	10
	11
	12
	13
Most wear	14

Payne (1973) tooth wear stages (t.w.s) for sheep/goat – M1 or M2

TWS	NUMERICAL EQUIVALENT
Least wear	6
	7
	8
	9
	10
	11
	12
	13
	14
	15
	16
	17
	18
Most wear	19

In the 'toothage' table, the numerical toothwear codes are recorded individually for each tooth, and then the 'dump' and 'dump2' fields present toothwear data in one of three main ways:[5]

1) Alphabetical tooth codes and numerical toothwear stage codes combined together:

   For example: H12/I17/J15/K15

2) Standard tooth codes combined with the numerical tooth wear stage codes

   For example: P4=12/13 M1=14 M3=13

3) Tooth wear is simply recorded as 'W' for worn, or there is a combination of 'W' for worn and the numerical tooth wear stage code:

   For example: IWJWKW and FW/GW/H13/I13/J12/K8

The 'dump' and 'dump2' fields don't always record toothwear data, they sometimes contain other general tooth remarks, which include the codes below:

CODE	EXPANSION
CAN	CANINE
DPM	DECIDUOUS PREMOLAR
IC/ INC	INCISOR
LM	LOWER MOLAR
LPM	LOWER PREMOLAR
MO	MOLAR
PM	PREMOLAR
UI	UPPER INCISOR

[5] The difference between the 'dump' and 'dump2' fields is unclear. In a number of cases, the tooth wear pattern noted in 'dump' changes in 'dump2', and it may be that 'dump2' represents a revised interpretation.

UDM	UPPER DECIDIOUS MOLAR
UM	UPPER MOLAR
UPM	UPPER PREMOLAR

8.3 REFERENCES

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9.0 GENERAL CODE LISTS

9.1 Feature codes

Please note that codes in lower case are deductions only and should be treated with care. See section 4.2.7 for context codes.

CODE	EXPANSION
?	Unknown
AGRI	Agricultural land
BANK	Bank
BFIL	Back Fill
BRCK	Brick
BURL/ BURR	Burial
CELL	Cell
CESS	Cess pit
CFIL	Cut Fill
CHAN	CHANNEL
CLAY	CLAY
COFF	COFFIN IE ANY CONTAINER FOR BURIAL
CPIT	Cremation Pit
CREM	Cremation
CUT	CUT
DEMO	Demolition
DEP/ DEPO/ DPST	Deposit?
DEPO	DEPOSIT EXCLUDING FILL
Dfil/DFIL	Ditch Fill
DITC	DITCH
DRAI	Drain
DRN	DRAIN
DTCH	Ditch?
DUMP	DUMP
Fgul/FGUL	Field Gully
FILL	FILL
FLOR	Floor
FOUN	Foundary
FSHR	Unknown
FURF	FURNACE FILL
FURR	Furnace
GARD	Garden
GRAV	Gravel
GUL/ GULL/ GULY	Gully
HEA	HEARTH
HERT/ HRTH	Hearth
HYPO	Hypocaust
INHU	Inhumation
LAY/ LAYE/ LAYR/ LYER	Layer
LEVL	Level?
MASO	MASONRY INCLUDING BRICK AND STONE
METL	Metal?

MIDD	Midden
MISC	Miscellaneous
NAT	NATURAL
natr	Natural
NATV	NATURAL VALLEY FILL
OCC	OCCUPATION
OCCL/ OCLA	Occupation layer
OCCU	Occupation
OCDE	Occupation Deposit
OTHER	OTHER
OVEN	Oven
PATH	Path
pcut	Pit Cut
PEAT	Peat
Pfil/PFIL/ PFL/ ptfl	Pit fill
PH/ PHL/ PHOL/ POST/ PTHL	Post Hole
PHFL	Post Hole Fill
PIT	Pit
QUAR	Quarry
RAMP	Ramp
REVE/ REVT	Revetment
ROBB	Robber Trench
RUBB/ RUBL	Rubble
SCOP	Unknown
SFB	Unknown
SILL	Unknown
SKEL	SKELETON
SOIL	Soil
STKH	Stake Hole
STON	Stone
STRU	Structure
SUMP	Sump
TIMB	TIMBER
TOPS	Top Soil
TP	Test Pit?
TP/ T	Test Pit/ Trench?
TURF	Turf
WALK	Walk Way
WALL	Wall
WATL	WATERLOGGED
WELL	Well
WFRT	Waterfront

9.2 *Period Codes*

CODE	EXPANSION
DAGE	Dark Age
E/MIA	Early-Mid Iron Age
EIA	Early Iron Age
EMED	Early Medieval
EROM	Early Roman
IA	Iron Age
IAR	Iron Age - Roman
LBA	Late Bronze Age
LIA	Late Iron Age
LMED	Late Medieval
LROM	Late Roman
LSAX	Late Saxon
MED	MEDIEVAL
MIA	Mid Iron Age
MOD	Modern
MROM	Middle Roman
MSAX	Middle Saxon
N; NEO	Neolithic
PHIST	Prehistoric
PMED	POST-MEDIEVAL
PROM	Post-Roman
RB; ROMBR	Romano-British
R-MED	Roman-Medieval
ROM	ROMAN
SANO	Saxon-Norman
SAX	SAXON
SXEM	Saxon-Early Medieval
TUD	Tudor

9.3 *Archaeological Units*

CODE	EXPANSION
DUA	DEPARTMENT OF URBAN ARCHAEOLOGY
HADAS	HENDON AND DISTRICT ARCHAEOLOGICAL SOCIETY
KAREU	KENT ARCHAEOLOGICAL RESCUE UNIT
MISC	MISCELLANEOUS
NLAU	NORTH LONDON ARCHAEOLOGY FIELD UNIT
NLON	NORTH LONDON ARCHAEOLOGY FIELD GROUP
PEM	PASSMORE EDWARDS MUSEUM
SLAEC	SOUTHWARK & LAMBETH ARCHAEOLOGICAL EXCAVATING COMMITTEE
SWLAU; SWLON	SOUTH-WEST LONDON ARCHAEOLOGY UNIT OR TEAM
WLFG; WLON	WEST LONDON ARCHAEOLOGY FIELD GROUP