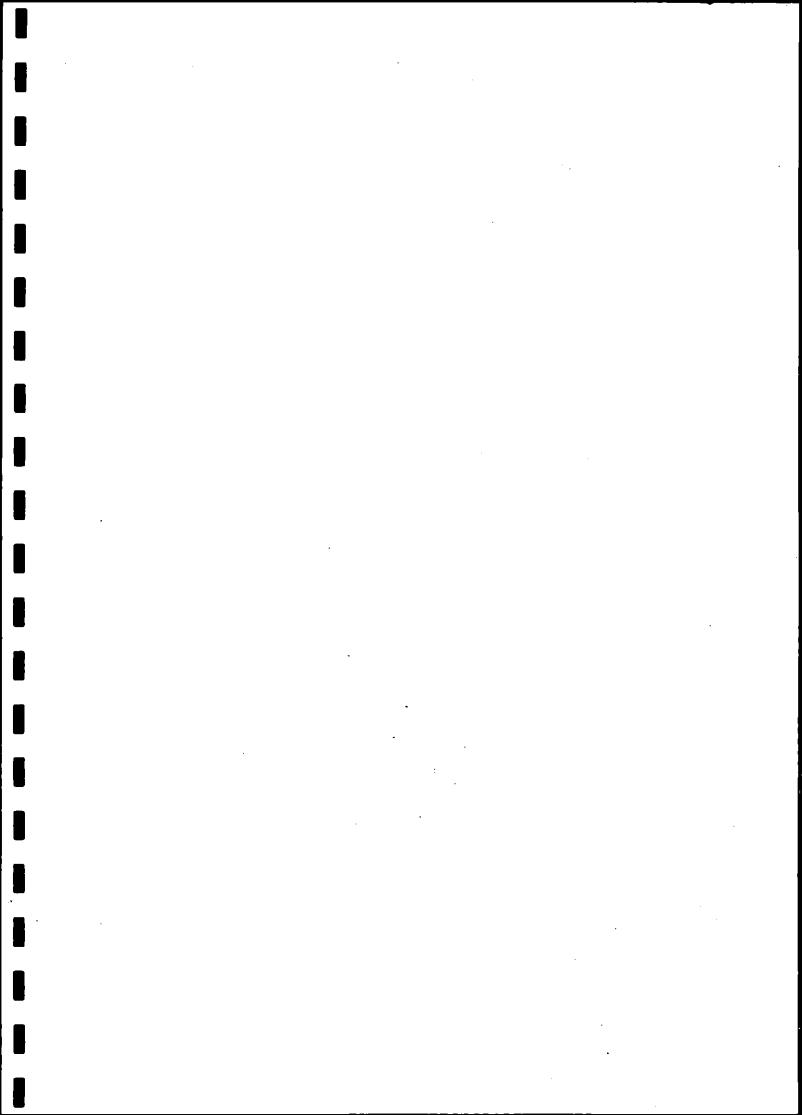


# Quality audit of biological samples for the 1990 River Quality Survey NRA Severn-Trent Region

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#### 1. INTRODUCTION

The 1990 River Quality Survey included the sampling of aquatic macro-invertebrates for biological assessment of river quality throughout the United Kingdom. In England and Wales the survey was undertaken by the National Rivers' Authority (NRA), the River Purification Boards (RPBs) sampled in Scotland and the Department of Economic Development (DED) undertook the work in Northern Ireland.

Approximately 7750 sites were surveyed, the majority of which were sampled in spring, summer and autumn. Standard collection procedures were used and the sampling strategy was compatible with RIVPACS (River InVertebrate Prediction And Classification System), which has been developed by the Institute of Freshwater Ecology (IFE). Most of the remaining sites were sampled in a single season only, in order to extend the scope of the survey. For a variety of reasons, a few locations were sampled in just two seasons.

Samples were sorted for the families of macro-invertebrates included in the Biological Monitoring Working Party (BMWP) system. Taxa present were recorded on site data sheets. Sample processing and recording techniques varied from region to region.

In order to undertake this massive programme of fieldwork and sample processing, a large number of new staff were employed by the surveying agencies. In view of the number of staff involved and the variability of sample processing techniques, it was recognised that an independent quality control exercise was necessary to promote a consistently high level of reliability.

The IFE was contracted to undertake an audit of the sample sorting and identification performance of each NRA region, RPB and the DED. This report collates the results of 56 samples audited for Severn-Trent Region of the NRA. The IFE was not required to perform any statistical analyses nor interpretation of the results of the audit.

#### 2. SAMPLE SELECTION

Nearly all samples from the 1990 River Quality Survey were sent to IFE for storage. They were catalogued on arrival and placed in crates, such that individual samples were readily accessible. A stratified random selection of samples for each sample processor was then made. Selection was undertaken by IFE staff and no selection was made before each sample had been received by IFE. Thus, sample processors had no means of knowing which of their samples would be audited.

The total number of sample processors employed nationally during the survey was considerably higher than that anticipated at the outset. As a consequence, the number of samples audited per processor was limited by the need to keep within the contracted overall total of 700 samples. A minimum of 4 samples was audited per processor, except where individuals processed very few samples or did not process material from each of the 3 seasons.

Sample selection was weighted towards spring samples in order to give early feedback on the blindspots of particular sorters and problems of identification.

#### 3. SAMPLE PROCESSING

Biologists processing samples for the 1990 Survey were instructed to sort their samples, ideally within the laboratory, and select examples of each scoring taxon within the BMWP system. In most cases, the invertebrates were placed in a vial of preservative (4% formaldehyde solution or 70% industrial alcohol) and the BMWP taxa were listed on a data sheet. The vial of animals and the sorted material were then returned to the sample container and preservative added. Thus, each sample available to IFE for selection for audit should have included:

- i) a list of the BMWP FAMILIES FOUND IN THE SAMPLE
- ii) a vial containing representatives from each family
- iii) the preserved sample

When these three elements were present, the sequence of operations at IFE was as follows:

- a) The remainder of the sample was sorted and the BMWP families listed
- b) The families contained within the vial were identified and listed
- c) A comparison was made between the NRA listing of families and those identified from the vial by IFE
- d) A comparison was made between the NRA listing of families and those found in the sample by IFE
- e) "Losses" or "gains" from the NRA listing of families were noted. In the case of "gains", each additional family was identified, where possible, to species level, in order to clarify any specific repetitive errors.

For a number of different reasons, some samples did not include a vial containing representative examples of the families listed on the NRA data sheet. These samples were avoided for audit, where possible. When selection of such samples was unavoidable (eg where a particular sorter would otherwise have been excluded from the audit exercise), only operations a), d) and e) above were appropriate.

Several directives were issued to IFE relating to he treatment of BMWP taxa. Terrestrial representatives of BMWP scoring families, animals deemed to have been dead at the time of sampling, cast insect skins, pupal exuviae, empty mollusc shells and tail ends of "living" specimens were to be excluded from the listing of families present. Trichopteran pupae, although not routinely identified by many biologists, were to be included in the listing of families.

#### 4. REPORTING

The results of each sample audit were recorded on a standard report form (Table 1). For audit samples where a vial of animals was included, the comparison between the NRA listing and the taxa found in the vial by IFE was shown in box A of the report form. Discrepancies could be due to carelessness, misidentifications or errors in completing the NRA data sheet. Families not on the NRA listing but found by IFE in the remainder of the sample were entered in box B of the report form under "additional families". When the families listed as "losses" in section A of the report form were compared with the full list of families recorded in the sample by IFE, some apparent losses from the vial were offset by the presence of those families in the remainder of the sample. These taxa were therefore listed in the "losses" box of section A and the "gains" box of section B and were neither a net loss nor a net gain. In these cases, the families were marked with an asterisk in both boxes. Such errors are noted as "omissions" in the tables which summarise the results for each season (Tables 2, 3 and 4).

Species identifications, state of development (eg adult or larval coleopterans) and the presence of a single representative of a family within the remainder of the sample were recorded in the notes section of the report form. Where the NRA data sheet indicated that a family was noted and released at the site, this was recorded in the notes section but not included as a "loss", even though the family was not found in the vial.

For those samples which did not contain a vial of animals, box A of the report form was not applicable (N/a). Families not on the NRA list but present in the sample were listed in box B under "additional families" as before. Families recorded on the NRA list but not found by IFE were indicated on the left hand side of box B. If the vial of animals was retained by the NRA, entries in this box could include the sole representative of a family which was removed by the NRA, a family seen at the site which escaped or was released (without mention being made on the NRA data sheet), inaccurate identification, the wrong family box being ticked on the NRA data sheet or the family being present in the sample but missed by IFE.

Results of the audits of individual samples are presented in Table 5.

#### **ACKNOWLEDGEMENTS**

Thanks to Mrs Jessica Winder and Mrs Kay Symes for assistance with cataloguing and storage of samples and Mrs Valerie Palmer for typing the manuscript.

F	REGION	RIVER	
5	SEASON	SITE	
5	SORTER	SAMPLE CODE	
P	AQC OF BMWP FAMILIES A. II	N VIAL B. IN S	SAMPLE
		LOSSES	CAINS
A	VIAL.	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between:  i) BMWP families listed  on sample data sheet  and  ii) BMWP families found  in VIAL by IFE		
В	<u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	
		NET LOSSES	NET CAINS
ŀ	NOTES		

TABLE 2. The 25 spring samples audited for Severn-Trent Region, with sample sorter codes and numbers of losses, gains and omissions.

	River	Site	Sorter	Losses	Gains	Omissions
*	Pool Brook	Hanley Swan	2.1	2	6	0
	Coal Brook	Broomhall	1.1	1	4	0
	Soulton Brook	Soulton	1.1	0	7	0
	Much Wenlock Brook	Confl. R. Severn	1.2	0	6	0
	Camlad	Gaer Bridge	1.2	0	7	0
*	Henmore Brook	Clifton	3.2	0	3	0
	Burton Brook	U/s Gt Glen WRW	4.2	0	2	0
	Meden	Budby	4.1	0 .	3	0
	Tanat	Llanblodwell	1.2	0	5	0
	Wye	Millers Dale	4.1	0	2	0
*	Rains Brook	Kilsby	2.2	0	5	0
	Gilwiskaw Brook	U/s Ashby	3.1	1 .	4	0
	Fenny Drayton Brook	A5 Bridge	3.3	0 .	1	0
	Swarbourn	Yoxall	3.1	0	6	0
	Walton Brook	Burton Bandalls	4.2	0	1	0
	Change Brook	Nuneaton	3.3	1	0	0
	Teme	Powick	1.3	- 1	. 3	0
*	Swift	Bransford Bridge	2.3	0	2	0
	Lyme Brook	Confl. R. Trent	3.2	0	3	0
*	Cinderford Brook	Lower Soudley	2.1	3	5	0
	Hampton Loade Brook	Confluence	1.2	0	5	0
*	Avon	Welford - G.U.C.	2.3	1	1	0
*	Elmley Castle Brook	Cropthorne	2.2	. 0	8	0
	Salwarpe	D/s Hen Brook	1.2	0 ·	0	0
	Hadley Brook	A4133 Bridge	1.3	0	4	0

<sup>\*</sup> indicates no vial of animals present in sample.

TABLE 3. The 13 summer samples audited for Severn-Trent Region, with sample sorter codes and numbers of losses, gains and omissions.

River	Site	Sorter	Losses	Gains	Omissions
Kemp	Brockton	1.1	0	1	0
Rea Brook	Malehurst	1.3	0	5	1
Stoke Brook	Stoke on Tern	1.4	0	0	0
Tach Brook	A452 Bridge	2.2	0	6	0
Marton Drain	U/s Torksey WRW	4.1	1	. 2	0
Milton Brook	Milton	4.2	. 0	7	0
Hoton Brook	U/s R. Soar	4.3	0	1	0
Tern	Allscott	1.1	1	1	0
Loggerheads Brook	D/s village WRW	1.4	1	7	0
Hathern Brook	U/s R. Soar	4.3	0	2	0
Sherbourne Brook	Sherbourne	2.2	0	6	0
Snibstone Brook	U/s R. Sence	3.1	0	1	1
Rolleston Brook	D/s Rolleston STW	3.3	0	. 3	2

TABLE 4. The 18 autumn samples audited for Severn-Trent Region, with sample sorter codes and numbers of losses, gains and omissions.

River	Site	Sorter	Losses	Gains	Omissions
Stour	Stourport	1.4	0	2	0
Cinderford Brook	D/s Crumpmeadow WRW	2.3	0	5	0
Chelt	D/s Old Bath Road	2.3	0	7	0
Brad'ne/Bentley Broo	k Fenny Bentley	3.1	0	8	1
Willow Brook	Humberstone	4.2	0	0	0
Eggington Brook	Eggington	4.3	0	3	1
Onny	Winstanow	1.3	1	4	0
Preston Bagot Brook	Pettiford Bridge	2.3	1	9	0
Tean	Brookhouses	3.3	0	5	0
Seymour Drain	Cottam	4.1	0	4	0
Sow Brook	Confl. R. Avon	2.3	1	3	0
Arrow	Alcester	2.3	0	6	0
Ford Brook	Bescot	3.4	1	3	0
Plants Brook	Pype Hayes	3.4	1	4	0
Leigh Brook	Leigh	1.1	1	4	0
Sowe	Stoneleigh	2.4	0	3	0
Blythe	Patrick Bridge	3.4	0	5 .	0
Bevercotes Beck	Walesby	4.3	0 ·	0	0

### TABLE 5

Results of individual sample audits

REGION Severn-Trent	RIVER PO	ol Brook
	·	
SEASON Spring	3116 84	209 Hanley Swan
SORTER 2.1	SAMPLE CODE NR.	A042322
AQC OF BMWP FAMILIES A. II	VIAL X B. IN	SAMPLE +
	LOSSES	GAINS
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	N/a	N/a
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)  1 Leptophlebiidae 2 Rhyacophilidae	1 Planariidae 2 Valvatidae 3 Sphaeriidae 4 Asellidae 5 Psychomyiidae 6 Limnephilidae
		·
	NET LOSSES 2	NET GAINS 6
NOTES		

REGION Severn-Trent	RIVER	al Brook
SEASON Spring	SITE	oomhall
SORTER 1.1	SAMPLE CODE NRA	NO41312
AQC OF BMWP FAMILIES A. II	N VIAL + B. IN S	SAMPLE +
[	LOSSES	GAINS
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and  ii) BMWP families found in VIAL by IFE	1 Planariidae	2 Hydrophilidae
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	3 Ephemerellidae 4 Dytiscidae 5 Tipulidae
·		
	NET LOSSES 1	NET GAINS 4
NOTES  2 Hydraena gracilis 3 Ephemerella ignita 4 Small larva (Agabu 5 Limnophila (Eloeor	s sp.?)	

	·	
REGION Severn-Trent	RIVER So	ulton Brook
SEASON Spring	SITE B5	065 Br Soulton
SORTER 1.1	SAMPLE CODE NR	A041406
AQC OF BMWP FAMILIES A. I	N VIAL B. IN	SAMPLE +
	LOSSES	GAINS
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	None
B SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	1 Planariidae 2 Ancylidae 3 Glossiphoniidae 4 Erpobdellidae 5 Asellidae 6 Gammaridae 7 Limnephilidae
	NET LOSSES 0	NET GAINS 7
NOTES  1 Polycelis nigra/te 2 Ancylus fluviatili 3 Glossiphonia compl 4 Erpobdella octocul 7 Limnephilus extric	s anata ata	

		,
REGION Severn-Trent	RIVER	uch Wenlock Brook
SEASON Spring	SITE	onfluence w Severn
SORTER 1.2	SAMPLE CODE NE	RA041908
AQC OF BMWP FAMILIES A. IN	VVIAL + B. IN	SAMPLE +
	LOSSES	GAINS
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	None
		<u></u>
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	1 Hydrobiidae 2 Sphaeriidae 3 Heptageniidae 4 Perlodidae 5 Hydrophilidae 6 Simuliidae
	NET LOSSES 0	NET GAINS 6
		or sample

REGION Severn-Trent	RIVER	mlad
SEASON Spring	SITE	er Bridge
SORTER 1.2	SAMPLE CODE NR	A041042
AQC OF BMWP FAMILIES A. I	N VIÀL + B. IN	SAMPLE +
	LOSSES	GAINS
VIAL.	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	None
		· · · · · · · · · · · · · · · · · · ·
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	1 Hydrobiidae 2 Ancylidae 3 Glossiphoniidae 4 Ephemerellidae 5 Ephemeridae 6 Aphelocheiridae 7 Rhyacophilidae
NOTES 1 Potamopyrgus jenk	NET LOSSES 0	NET GAINS 7
2 Ancylus fluviatil 3 Helobdella stagnal 6 Nymph 7 Agapetus sp.	is lis	
Cat B Culicidae reco	orded. None found in vial o	or gample.

	-	
REGION Severn-Trent	RIVER	nmore Brook
SEASON Spring	SITE C1	ifton
SORTER 3.2	SAMPLE CODE NR	A047826
AQC OF BMWP FAMILIES A. IN	N VIAL X B. IN	SAMPLE +
	LOSSES	GAINS
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	N/a	N/a
		<u>.</u>
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed  on sample data sheet  and  ii) BMWP families found  in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	Physidae Planorbidae Simuliidae
	NET LOSSES 0	NET GAINS 3
NOTES	,	

REGION Sev	vern-Trent	RIVER	Burton Brook
SEASON Spi	ring	SITE	U/s Great Glen WRW
SORTER 4.2	2	SAMPLE CODE	NRA044207
AQC OF BMWP	FAMILIES A. IN	VIAL + B. I	N SAMPLE +
	·	LOSSES	GAINS
A V	AL,	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
i) BMWP i on san	es between: Families listed Apple data sheet and Families found AL by IFE	None	None
B SAM	<u>IPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
i) BMWP i on sam	es between: Tamilies listed ople data sheet and Tamilies found OPLE by IFE	(This box only complete when no vial supplied with sample)	d 1 Caenidae 2 Tipulidae
		NET LOSSES 0	NET GAINS 2
	aenis luctuosa/ma imnophila (Eloeop		

REGION Severn-Trent	RIVER	Meden
SEASON Spring	SITE	Budby
SORTER 4.1	SAMPLE CODE	NRA045505
AQC OF BMWP FAMILIES A	. IN VIAL + B. I	N SAMPLE +
	LOSSES	GAINS
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families liste  on sample data shee  and  ii) BMWP families found  in VIAL by IFE	t	None
B SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families liste on sample data shee and ii) BMWP families found in SAMPLE by IFE	(This box only complete d when no vial supplied t with sample)	
NOTES  1 Ancylus fluviat 3 Elmis aenea (1a		NET GAINS 3

	no	ı	
R	EGION Severn-Trent	RIVER	Tanat
S	EASON Spring	SITE	Llanblodwell (confluence)
S	ORTER 1.2	SAMPLE CODE	NRA041118
A	QC OF BMWP FAMILIES A. IN	N VIAL +	IN SAMPLE +
		LOSSES	GAINS
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between:  i) BMWP families listed on sample data sheet and  ii) BMWP families found in VIAL by IFE	None	None
. L	The VIAL by ITE		
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between:  i) BMWP families listed on sample data sheet and  ii) BMWP families found in SAMPLE by IFE	(This box only complete when no vial supplied with sample)	
NET LOSSES 0 NET CAINS 5			
NO	NOTES  1 Gammarus pulex 2 Orectochilus villosus (larva) 3 Hydraena gracilis (a), Helophorus brevipalpis (a) 4 Sericostoma personatum 5 Dicranota sp., Antocha vitripennis		

	<del></del>		,	
R	EGION S	evern-Trent	RIVER	₩уе
SI	EASON S	pring	SITE	Millers Dale
. S	ORTER 4	.1	SAMPLE CODE	NRA045103
A	QC OF BMW	P FAMILIES A. IN	N VIAL + B.	IN SAMPLE +
			LOSSES	GAINS
A		VIAL .	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) BMWP on s ii) BMWP	ces between: families listed ample data sheet and families found IAL by IFE	None	None
<u> </u>		·		
В	<u>s</u>	AMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) BMWP on s ii) BMWP	ces between: families listed ample data sheet and families found AMPLE by IFE	(This box only complet when no vial supplied with sample)	
			, .	
NET LOSSES 0 NET GAINS 2				
N		Nemoura cambrica/e Elmis aenea (larva		·

REGI	ON Severn-Trent	RIVER	Rains Brook	
SEAS	SON Spring	SITE	Kilaby	
SORT	TER Unknown (Samp. 2.2)	SAMPLE CODE	NRA04 3910	
AQC	OF BMWP FAMILIES A. II	N VIAL X B.	IN SAMPLE +	
		LOSSES	GAINS	
A	VIAL.	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
1.	fferences between:  ) BMWP families listed on sample data sheet and  ) BMWP families found in VIAL by IFE	Not applicable	Not applicable	
<del></del>				
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
i	fferences between:  ) BMWP families listed on sample data sheet and  ) BMWP families found in SAMPLE by IFE	(This box only complete when no vial supplied with sample) None		
	NET LOSSES 0 NET GAINS 5			
NOTE	1 Polycelis nigra/te 2 Lymnaea peregra 4 Baetis rhodani	nuis		

REGION Severn-Trent	RIVER	Gilwiskaw Brook
SEASON Spring	SITE	U/s Ashby
SORTER 3.1	SAMPLE CODE	NRAO4 8011
AQC OF BMWP FAMILIES A. IN	VIAL + B. I	N SAMPLE +
	LOSSES	GAINS
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	1 Mesoveliidae	2 Erpobdellidae
B SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed  on sample data sheet  and  ii) BMWP families found  in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	3 Planariidae 4 Glossiphoniidae 5 Psychomyiidae
	NET LOSSES 1	NET GAINS 4
NOTES   1 Velia sp. in vial 5 Lype sp.		

REGION Severn-Trent	RIVER	Fenny Drayton Brook	
SEASON Spring	SITE	A5 Bridge	
SORTER 3.3	SAMPLE CODE	NRAO4 8261	
AQC OF BMWP FAMILIES A. IN	V VIAL + B.	IN SAMPLE +	
	LOSSES	GAINS	
A <u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	None	
B SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only complet when no vial supplied with sample)	ed 1 Dytiscidae	
	•		
NET LOSSES 0 NET GAINS 1			
NOTES 1 Small, indet larva	. 1 only		

1	REGION	Severn-Trent	RIVER	Swarbourn
;	SEASON	Spring	SITE	Yoxall
;	SORTER	3.1	SAMPLE CODE	NRA04 7342
ı	AQC OF	BMWP FAMILIES A. IN	VVIAL + B. I	N SAMPLE +
_			LOSSES	GAINS
A		VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) B o ii) B	rences between: MWP families listed n sample data sheet and MWP families found n VIAL by IFE	None	None
Γ				
В		<u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) B o ii) B	rences between: MWP families listed n sample data sheet and MWP families found n SAMPLE by IFE	(This box only complete when no vial supplied with sample)	1 Planorbidae 2 Ephemerellidae 3 Ephemeridae 4 Psychomyidae 5 Goeridae 6 Simuliidae
•	NET LOSSES 0 NET GAINS 6			
1	NOTES	1 Bathyomphalus cont 2 Rphemerella ignita 3 Rphemera danica 4 Tinodes waeneri 5 Goera pilosa 6 Indet. (larvae + p	ı	

REGION Severn-Trent	RIVER	Walton Brook
SEASON Spring	SITE	Burton Bandalls
SORTER 4.2	SAMPLE CODE	NRA04 4143
AQC OF BMWP FAMILIES A. IN VIAL + B. IN SAMPLE +		
	LOSSES	GAINS
VIAL VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None .	None
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES
Differences between:  i) BMWP families listed on sample data sheet and  ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	i 1 Lymnaeidae
NOTES	NET LOSSES 0	NET GAINS 1
1 Lymnaea peregra		

REGION Severn-Trent	RIVER	Change Brook
SEASON Spring	SITE	Nuneaton (A444)
SORTER 3.3	SAMPLE CODE	NRA04 8251
AQC OF BMWP FAMILIES A. IN	VIAL + B. 1	IN SAMPLE +
	LOSSES	GAINS
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between: i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	1 Mesoveliidae	None
	, , , , , , , , , , , , , , , , , , , ,	
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and  ii) BMWP families found in SAMPLE by IFE	(This box only complete when no vial supplied with sample)	ed None
	NET LOSSES	NET GAINS 0
NOTES		
•		

F	REGION Severn-Trent	RIVER	Теше
5	SEASON Spring	SITE	Powick
5	SORTER 1.3	SAMPLE CODE	NRA04 1810
AQC OF BMWP FAMILIES A. IN VIAL + B. IN SAMPLE +			IN SAMPLE +
		LOSSES	GAINS
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	1 llydrophilidae	2 Brachycentridae
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only complet when no vial supplied with sample)	ed 3 Glossiphoniidae 4 Hydroptilidae
NET LOSSES 1 NET GAINS 3			
N	3 Helobdella stagnal 4 Agraylea sp. 1 onl		

REGION Severn-Trent	RIVER	wift	
SEASON Spring	SITE	ransford Bridge	
SORTER Unknown (Samp. 2.3)	SAMPLE CODE N	RA04 3917	
AQC OF BMWP FAMILIES A. IN VIAL X B. IN SAMPLE +			
	LOSSES	GAINS	
A <u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	Not applicable	Not applicable	
B SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	1 Hydrobiidae 2 Elmidae	
NET LOSSES 0 NET GAINS 2			
NOTES  1 Potamopyrgus jenki 2 Elmis aenea (adult			

ł	REGION Severn-Trent	RIVER Ly	me Brook	
5	SEASON Spring	SITE	nfl. R.Trent	
:	SORTER 3.2	SAMPLE CODE NR	A04 7247	
1	AQC OF BMWP FAMILIES A.	IN VIAL + B. IN	SAMPLE +	
		LOSSES	GAINS	
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	None	
_				
В	<u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	1 Hydrobiidae 2 Lymnaeidae 3 Dytiscidae	
	NET LOSSES 0 NET GAINS 3			
ì	1 Potamopyrgus jen 2 Juvenile Lymnaea 3 Indet larva, 1 o	peregra?		

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REGION	Severn-Trent	RIVER	Cinderford Brook
SEASON	Spring	SITE	Lower Soudley
SORTER	Unknown (Sa. 2.1)	SAMPLE CODE	NRAO4 2106
AQC OF	BMWP FAMILIES A. II	N VIAL X B. I	N SAMPLE +
		LOSSES	GAINS
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
i) 1 ii) 1	erences between: BMWP families listed on sample data sheet and BMWP families found in VIAL by IFE	Not applicable	Not applicable
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
i)   ii)	erences between: BMWP families listed on sample data sheet and BMWP families found in SAMPLE by IFE	(This box only complete when no vial supplied with sample)  1 Philopotamidae 2 Odontoceridae 3 Leptoceridae	d 4 Planariidae 5 Hydrobiidae 6 Glossiphoniidae 7 Limnephilidae 8 Sericostomatidae
		····-	
NET LOSSES 3 NET GAINS 5			
NOTES  4 Polycelis felina 5 Potamopyrgus jenkinsi 6 Helobdella stagnalis 1 only 7 Indet. juvenile 1 only 8 Sericostoma personatum 1 only			

***				
REGION Severn-Trent	RIVER Ha	mpton Loade Brook		
SEASON Spring	SITE Co	nfluence		
SORTER 1.2	SAMPLE CODE NR	A04 1914		
AQC OF BMWP FAMILIES A. IN VIAL + B. IN SAMPLE +				
	LOSSES	GAINS		
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	. None		
B SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	1 Asellidae 2 Dytiscidae 3 Hydrophilidae 4 Psychomyiidae 5 Leptoceridae		
NET LOSSES 0 NET GAINS 5				
NOTES  1 Asellus aquaticus 2 Indet larva 1 only 3 Hydraena gracilis 1 only 4 Lype sp. 1 only 5 Athripsodes sp. 1 only				

ـــــــ	Avon			
SITE	Welford-G.U.C.			
SAMPLE CODE	VRAO4 3999			
AQC OF BMWP FAMILIES A. IN VIAL X B. IN SAMPLE +				
LOSSES	GAINS			
BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE			
Not applicable	Not applicable			
BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE			
his box only completed hen no vial supplied with sample) I Simuliidae	2 Valvatidae			
NET LOSSES 1	NET GAINS 1			
	SAMPLE CODE  IAL X B. IN  LOSSES  BMWP FAMILIES NOT FOUND BY IFE  Not applicable  BMWP FAMILIES NOT FOUND BY IFE  nis box only completed hen no vial supplied with sample)  Simuliidae			

REGION Severn-Trent	RIVER Ela	lley Castle Brook		
SEASON Spring	SITE Cro	pthorne Village		
SORTER Unknown (Sa. 2.2)	SAMPLE CODE NRA	.04 3517		
AQC OF BMWP FAMILIES A. IN VIAL X B. IN SAMPLE +				
	LOSSES	GAINS		
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
Differences between:  i) BMWP families listed on sample data sheet · and ii) BMWP families found in VIAL by IFE	Not applicable	Not applicable		
B SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
Differences between:  i) BMWP families listed on sample data sheet and  ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)  None	1 Hydrobiidae 2 Planorbidae 3 Sphaeriidae 4 Erpobdellidae 5 Nemouridae 6 Hydrophilidae 7 Elmidae 8 Limnephilidae		
NET LOSSES 0 NET GAINS 8				
5 Helophorus sp. 1 ac	dult			

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R	EGION Severn-Trent	RIVER	Salwarpe		
s	EASON Spring	SITE	D/s Hen Brook		
s	ORTER 1.2	SAMPLE CODE	NRA04 1702		
AQC OF BMWP FAMILIES A. IN VIAL + B. IN SAMPLE +					
		LOSSES	GAINS		
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
	Differences between:  i) BMWP families listed on sample data sheet and  ii) BMWP families found in VIAL by IFE	None	None		
_					
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only complet when no vial supplied with sample)	None		
NET LOSSES 0 NET GAINS 0					
N	OTES				

F	REGION Severn-Trent	RIVER	Hadley Brook		
5	SEASON Spring	SITE	A4133		
5	SORTER 1.3	SAMPLE CODE	NRAO4 1718		
AQC OF BMWP FAMILIES A. IN VIAL + B. IN SAMPLE +					
		LOSSES	GAINS		
Α	<u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
	Differences between:  i) BMWP families listed  on sample data sheet  and  ii) BMWP families found	None	1 Baetidae		
	in VIAL by IFE				
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only complet when no vial supplied with sample)	2 Physidae 3 Leptophlebiidae 4 Haliplidae		
,		·			
NET LOSSES 0 NET GAINS 4					
N	NOTES  1 Bactis vernus 2 Physa fontinalis 1 only 3 Habrophlebia fusca 1 only 4 Brychius elevatus (adult) 1 only				

		) politica	· · · · · · · · · · · · · · · · · · ·	
1	REGION Severn-Trent	RIVER	Кетр	
:	SEASON Summer	SITE	Brockton	
	SORTER 1.1	SAMPLE CODE	NRA04 1836	
1	AQC OF BMWP FAMILIES A. II	N VIAL + B. IN	SAMPLE +	
		LOSSES	GAINS	
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
	Differences between:  i) BMWP families listed on sample data sheet	None	None	
	and ii) BMWP families found in VIAL by IFE			
		:		
В	<u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
	Differences between:  i) BMWP families listed  on sample data sheet  and	(This box only completed when no vial supplied with sample)	1 Sphaeriidae	
	ii) BMWP families found in SAMPLE by IFE			
NET LOSSES 0 NET GAINS 1				
	1 n' ' 1'	*		
ľ	NOTES 1 Pisidium sp.			

			•
I	REGION Severn-Trent	RIVER	Rea Brook
:	SEASON Summer	SITE	Malehurst
	SORTER 1.3	SAMPLE CODE	NRA04 1054
A	AQC OF BMWP FAMILIES A.	IN VIAL + B. IN	SAMPLE +
		LOSSES	GAINS
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between: i) BMWP families listed on sample data sheet and	l Tipulidae*	2 Haliplidae
	ii) BMWP families found in VIAL by IFE		
	•		
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between:  i) BMWP families listed on sample data sheet and  ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	3 Nemouridae 4 Leuctridae 5 Leptoceridae 6 Brachycentridae 7 Tipulidae*
		NET LOSSES 0	NET CAINS 5
NOTES  2 Brychius elevatus 3 Amphinemura sulcicollis 1 only 4 Leuctra fusca 5 Athripsodes bilineatus 1 only 6 Brachycentrus subnubilus 1 only			

F	REGION	Severn-Trent	RIVER	Stoke Brook
5	SEASON	Summer	SITE	Stoke on Tern
. 5	SORTER	1.4	SAMPLE CODE	NRA04 1316
F	AQC OF	BMWP FAMILIES A. II	N VIAL + B. IN	SAMPLE +
			LOSSES	GAINS
Α		VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) Bi on ii) Bi	cences between:  MVP families listed  n sample data sheet  and  MVP families found  n VIAL by IFE	None	None
J				·
В		SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) Bi or ii) Bi	Tences between:  INP families listed  In sample data sheet  And  INP families found  INSAMPLE by IFE	(This box only completed when no vial supplied with sample)	None
			·	
NET LOSSES 0 NET GAINS 0				
N	OTES			

I	REGION Severn-Trent	RIVER	ach Brook		
	SEASON Summer	SITE	452 Road Bridge		
	SORTER 2.2	SAMPLE CODE N	RA04 3721		
ł	AQC OF BMWP FAMILIES A. IN	N VIAL + B. IN S	SAMPLE +		
_		LOSSES	GAINS.		
A	<u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	1 Oligochaeta		
•		<u>d</u>	L		
В	<u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
	Differences between:  i) BMWP families listed  on sample data sheet  and  ii) BMWP families found  in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	2 Ancylidae 3 Baetidae 4 Leptophlebiidae 5 Elmidae 6 Sialidae		
	NET LOSSES 0 NET GAINS 6				
NOTES  1 Abundance category D in sample 2 Ancylus fluviatilis 3 Baetis rhodani 1 only 4 Habrophlebia fusca 5 Elmis aenea, Limnius volckmari, Oulimnius sp. 6 Sialis lutaria 1 only					

	REGION Severn-Trent	RIVER	arton Drain	
	SEASON Summer	SITE	's Torksey WRW	
	SORTER 4.1	SAMPLE CODE NE	A04 5928	
,	AQC OF BMWP FAMILIES A. I	N VIAL + B. IN S	SAMPLE +	
_		LOSSES	GAINS	
A	<u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	1 Libellulidae	2 Aeshnidae	
<u>.                                    </u>				
В	<u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	3 Lestidae	
NET LOSSES 1 NET GAINS 2				
1	NOTES 3 Lestes sp. 1 only	y		

J	REGION	Severn-Trent	RIVER	Milton Brook
			]	III CON Brook
:	SEASON	Summer	SITE	leadow Lane, Milton
	SORTER	4.2	SAMPLE CODE N	IRA04 4021
1	AQC OF	BMWP FAMILIES A. II	N VIAL B. IN	SAMPLE +
			LOSSES	GAINS
A		VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) F	erences between:  MWP families listed  on sample data sheet  and  MWP families found  on VIAL by IFE	None	1 Lymnaeidae 2 Elmidae
	<u> </u>			
В		SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) F ii) F	erences between:  SMWP families listed  on sample data sheet  and  SMWP families found  on SAMPLE by IFE	(This box only completed when no vial supplied with sample)	3 Sphaeriidae 4 Erpobdellidae 5 Caenidae 6 Rhyacophilidae 7 Leptoceridae
			NET LOSSES 0	NET GAINS 7
1	NOTES	1 Lymnaea peregra 3 Pisidium sp. 4 Erpobdella octor 5 Caenis rivulorum 6 Agapetus/Glossoso 7 Athripsodes albi	l only oma (pupa) 1 only	

]	REGION Severn-Trent	RIVER	loton Brook	
	SEASON Summer	SITE	/s R Soar	
	SORTER 4.3	SAMPLE CODE	IRAO4 4144	
AQC OF BMWP FAMILIES A. IN VIAL + B. IN SAMPLE +				
		LOSSES	GAINS	
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	None	
_				
В	<u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found	(This box only completed when no vial supplied with sample)	1 Elmidae	
	in SAMPLE by IFE			
			·	
NET LOSSES 0 NET GAINS 1				
NOTES   1 Elmis aenea (larva) 1 only				

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R	EGION Severn-Trent	RIVER	lern	
S	EASON Summer	SITE	Allscott	
. S	ORTER 1.1	SAMPLE CODE	NRA04 1306	
A	QC OF BMWP FAMILIES A. II	N VIAL + B. IN	SAMPLE +	
		LOSSES	GAINS	
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
	Differences between:  i) BMWP families listed on sample data sheet and  ii) BMWP families found in VIAL by IFE	1 Calopterygidae	None .	
		,		
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	2 Notonectidae	
NET LOSSES 1 NET CAINS 1				
N	OTES 2 Indet nymphs			

REGION Severn-Trent	RIVER	oggerheads Brook
SEASON Summer	SITE	/s village WRW
SORTER 1.4	SAMPLE CODE N	RA04 1310
AQC OF BMWP FAMILIES A. IN	N VIAL B. IN	SAMPLE +
-	LOSSES	GAINS
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	l Mesoveliidae	None
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	2 Ancylidae 3 Ephemerellidae 4 Hydrophilidae 5 Elmidae 6 Brachycentridae 7 Tipulidae 8 Simuliidae
NOTES  1 Cast skin of Vel. 2 Ancylus fluviati 3 Ephemerella igni 4 Helophorus brevi 5 Limnius volckmar 6 Brachycentrus sul 7 Pilaria nemoralis 8 Simulium ornatum	lis 1 only ta 1 only palpis 1 only i (adult), Esolus parallel bnubilus s group 1 only	NET GAINS 7

REGI	ON Severn-Trent	RIVER	Hathern Brook
SEAS	ON Summer	SITE	U/s R Soar
SORT	ER 4.3	SAMPLE CODE	NRA04 4152
AQC	OF BMWP FAMILIES A. I	N VIAL # B. IN	SAMPLE +
		LOSSES	GAINS
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
i	fferences between: ) BMWP families listed on sample data sheet and ) BMWP families found in VIAL by IFE	None	None
<del></del>			
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
i	fferences between: ) BMWP families listed on sample data sheet and ) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	1 Physidae 2 Dytiscidae
	•	·	
		NET LOSSES 0	NET GAINS 2
NOTES	1 Physa fontinalis 2 Laccophilus sp.		

	<u></u> .		
REGIO	Severn-Trent	RIVER	Sherbourne Brook
SEASON	Summer	SITE	Sherbourne Village
SORTE	2.2	SAMPLE CODE	NRA04 3809
AQC O	F BMWP FAMILIES A. I	N VIAL + B. I	N SAMPLE +
<del></del>		LOSSES	GAINS
A	<u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY 1FE
i)	ferences between: BMWP families listed on sample data sheet and BMWP families found in VIAL by IFE	None	1 Gerridae
В	<u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
i)	Berences between: BMWP families listed on sample data sheet and BMWP families found in SAMPLE by IFE	(This box only complete when no vial supplied with sample)	d 2 Leptophlebiidae 3 Caenidae 4 Haliplidae 5 Elmidae 6 Leptoceridae
,		NET LOSSES 0	NET GAINS 6
NOTES	1 Indet Gerrid nymp 2 Habrophlebia fusc 3 Caenis luctuosa/m 4 Haliplus fluviati 5 Elmis, Limnius, C 6 Athripsodes sp. (	a nacrura .lis, H.wehnckei (adults nulimnius (adults + larva	+ larvae) ae)

		_			
R	EGION Severn-Trent	RIVER	Snibstone Brook		
S	EASON Summer	SITE	U/s River Sence		
S	ORTER 3.1	SAMPLE CODE	NRA04 8121		
A	QC OF BMWP FAMILIES A. II	N VIAL + B.	IN SAMPLE +		
<u> </u>		LOSSES	GAINS		
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	1 Hydrophilidae*	None		
L					
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
	Differences between:  i) BMWP families listed on sample data sheet and  ii) BMWP families found in SAMPLE by IFE	(This box only complete when no vial supplied with sample)	ed 2 Lymnaeidae 3 Hydrophilidae*		
		·			
	NET LOSSES 0 NET GAINS 1				
Ne ·	2 Lymnaea peregra 3 Helophorus brevip	alpis			

]	REGION Severn-Trent	RIVER RO	olleston Brook
:	SEASON Summer	SITE D	's Rolleston STW
;	SORTER 3.3	SAMPLE CODE NE	RA04 7962
i	AQC OF BMWP FAMILIES A. IN	N VIAL + B. IN	SAMPLE +
•		LOSSES	GAINS
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	1 Sphaeriidae* 2 Hydrophilidae*	None
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	3 Sphaeriidae* 4 Haliplidae 5 Hydrophilidae* 6 Hydroptilidae 7 Leptoceridae
		NET LOSSES 0	NET CAINS 3
ħ	NOTES  2,5 Terrestrial lar 4 Haliplus sp. (adu 6 Hydroptila sp. 1 7 Athripsodes sp. (	only	vipalpis in sample

		1			
]	REGION Severn-Trent	RIVER	Stour .		
:	SEASON Autumn	SITE	Stourport		
:	SORTER 1.4	SAMPLE CODE	NRA04 1608		
I	AQC OF BMWP FAMILIES A. II	N VIAL + B. I	N SAMPLE +		
		LOSSES	CAINS		
A	VIAL.	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	None		
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only complete when no vial supplied with sample)	1 Ancylidae 2 Baetidae		
		·			
,		NET LOSSES 0	NET GAINS 2		
	NET GAINS				
ì	NOTES 1 Ancylus fluviatil 2 Baetis vernus 1 c				
		·,			

1	REGION Severn-Trent	RIVER	Cinderford Brook		
:	SEASON Autumn	SITE	D/s Crumpmeadow WRW		
:	SORTER A2.4 B2.3	SAMPLE CODE	NRA04 2109		
į	AQC OF BMWP FAMILIES A. IN	V VIAL + B.	IN SAMPLE +		
		LOSSES	GAINS		
A	VIAL.	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
	Differences between:  i) BMWP families listed  on sample data sheet  and  ii) BMWP families found	None	1 Simuliidae		
	in VIAL by IFE	•			
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE		
	Differences between:  i) BMWP families listed  on sample data sheet  and  ii) BMWP families found  in SAMPLE by IFE	(This box only complete when no vial supplied with sample)	2 Sphaeriidae 3 Dytiscidae 4 Rhyacophilidae 5 Tipulidae		
	NET LOSSES 0 NET GAINS 5				
ľ	2 Pisidium sp. 3 Agabus sp., Ilybi 4 Rhyacophila sp. 1 5 Tipula sp. 1 only	only			

REGION Severn-Trent	RIVER C	nelt
SEASON Autumn	SITE DA	's Old Bath Road
SORTER 2.3	SAMPLE CODE N	A04 3402
AQC OF BMWP FAMILIES A. IN	N VIAL + B. IN S	SAMPLE +
	LOSSES	GAINS
A <u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	None
B SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	1 Physidae 2 Planorbidae 3 Ancylidae 4 Sphaeriidae 5 Glossiphoniidae 6 Elmidae 7 Hydroptilidae
NET LOSSES 0 NET GAINS 7		
NOTES  1 Physa fontinalis (cat B) 2 Gyraulus albus 1 only 3 Ancylus fluviatilis (cat B) 4 Pisidium sp. 5 Glossiphonia complanata, Helobdella stagnalis 6 Elmis acnea (larvae) 7 Hydroptila sp. 1 only		

REGION Severn-Trent	RIVER	Bradbourne/Bentley Brook
SEASON Autumn	SITE	Fenny Bentley
SORTER 3.1	SAMPLE CODE	NRA04 7831
AQC OF BMWP FAMILIES A. IN	VVIAL + B. I	N SAMPLE +
	LOSSES	GAINS
A <u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed  on sample data sheet  and  ii) BMWP families found  in VIAL by IFE	1 Sericostomatidae*	2 Limnephilidae
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only complete when no vial supplied with sample)	d 3 Planorbidae 4 Heptageniidae 5 Nemouridae 6 Hydroptilidae 7 Goeridae 8 Lepidostomatidae 9 Sericostomatidae* 10 Simuliidae
6 Hydroptila sp. 1 7 Silo pallipes 1	only only is, Protonemura sp. only only alis, Lepidostoma hirtus	NET GAINS 8

F	REGION Severn-Trent	RIVER	Villow Brook
9	SEASON Autumn	SITE	lumberstone
5	SORTER 4.2	SAMPLE CODE N	IRA04 4129
A	AQC OF BMWP FAMILIES A. I	N VIAL + B. IN	SAMPLE +
·		LOSSES	GAINS
A	<u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between: i) BMWP families listed on sample data sheet and	. None	None
	ii) BMWP families found in VIAL by IFE		
	•		
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between:  i) BMWP families listed  on sample data sheet  and	(This box only completed when no vial supplied with sample)	None .
	ii) BMWP families found in SAMPLE by IFE		
	·		
l			
		NET LOSSES 0	NET CAINS 0
N	NOTES		· · · · · · · · · · · · · · · · · · ·
		·	

REGION Severn-Trent	RIVER E	ggington Brook
SEASON Autumn	SITE Eg	ggington
SORTER 4.3	SAMPLE CODE NR	AO4 4016
AQC OF BMWP FAMILIES A. I	N VIAL + B. IN S	SAMPLE +
	LOSSES	GAINS
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	1 Leptoceridae*	2 Lepidostomatidae
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and  ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	3 Piscicolidae 4 Ephemeridae 5 Leptoceridae*
	NET LOSSES 0	NET GAINS 3
NOTES  2 Lepidostoma hirtu 3 Piscicola geometr 4 Ephemera danica 1 5 Athripsodes ciner	a 1 only only	

REGION Severn-Trent	RIVER	Onny
SEASON Autumn	SITE	Winstanow
SORTER 1.3	SAMPLE CODE	NRAO4 1842
AQC OF BMWP FAMILIES A. IN	VIAL + B. IN	SAMPLE +
	LOSSES	GAINS
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed  on sample data sheet  and  ii) BMWP families found  in VIAL by IFE	1 Haliplidae	2 Hydrophilidae
		· · · · · · · · · · · · · · · · · · ·
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	3 Sphaeriidae 4 Hydroptilidae 5 Lepidostomatidae
	NET LOSSES 1	NET CAINS 4
NOTES  2 Hydraena gracilis 3 Pisidium sp. 4 Ithytrichia sp. 1 5 Lepidostoma hirtu	only	

]	REGION	Severn-Trent	RIVER	Preston Bagot Brook
:	SEASON	Autumn	SITE	Pettiford Bridge
. :	SORTER	A2.4 B2.3	SAMPLE CODE N	IRA04 3706
i	AQC OF I	BMWP FAMILIES A. II	N VIAL + B. IN	SAMPLE +
			LOSSES	GAINS
A		VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) BM or ii) BM	Tences between:  WP families listed  I sample data sheet  and  WP families found  I VIAL by IFE	1 Sericostomatidae	2 Goeridae
	Γ			
В		<u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) BM or ii) BM	rences between: IWP families listed I sample data sheet and IWP families found IWP SAMPLE by IFE	(This box only completed when no vial supplied with sample)	3 Valvatidae 4 Sphaeriidae 5 Asellidae 6 Caenidae 7 Corixidae 8 Hydroptilidae 9 Tipulidae 10 Simuliidae
N	NOTES	2 Goera pilosa, Sil 3 Valvata piscinali		NET GAINS 9
		4 Pisidium sp. 5 Asellus aquaticus 6 Caenis luctuosa g 7 Micronecta sp. (n 8 Hydroptila sp.	10 Simes 1 only group 1 only	ulium ornatum group

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REGION Severn-Trent	RIVER	Tean
SEASON Autumn	SITE	Brookhouses
SORTER 3.3	SAMPLE CODE	NRAO4 7501
AQC OF BMWP FAMILIES A. IN	WIAL + B. IN	N SAMPLE +
	LOSSES	CAINS
A <u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between: i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	None
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	1 Hydrobiidae 2 Erpobdellidae 3 Asellidae 4 Elmidae 5 Limnephilidae
	•	
	NET LOSSES 0	NET GAINS 5
3 Asellus aquaticus 4 Elmis aenea (adul	d (juvenile) 1 only	

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1	REGION Severn-Trent	RIVER	Seymour Drain
:	SEASON Autumn	SITE	Cottam
	SORTER 4.1	SAMPLE CODE	NRAO4 5921
į	AQC OF BMWP FAMILIES A. II	N VIAL # B.	IN SAMPLE +
		LOSSES	GAINS
A	<u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	None
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only complet when no vial supplied with sample)	1 Lymnaeidae 2 Planorbidae 3 Oligochaeta 4 Erpobdellidae
	·	NET LOSSES	NET GAINS 4
N	1 Lymnaea peregra 1 2 Planorbis carinat 4 Erpobdella octocu	us	

,	REGION	0	]	
1	KEGIUN	Severn-Trent	RIVER	Sow Brook
	SEASON	Autumn	SITE	Confl. R.Avon
\$	SORTER	2.3	SAMPLE CODE	NRA04 3918
ł	AQC OF	BMWP FAMILIES A. II	N VIAL + B. I	IN SAMPLE +
	<del>,</del>		LOSSES	GAINS
A		VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) Bi on ii) Bi	rences between: MWP families listed n sample data sheet and MWP families found n VIAL by IFE	1 Valvatidae	None
В		SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) Bh on ii) Bh	rences between: MWP families listed n sample data sheet and MWP. families found n SAMPLE by IFE	(This box only complete when no vial supplied with sample)	2 Physidae 3 Baetidae 4 Chironomidae
N	OTES	1 Zonitoides presen 2 Physa fontinalis 3 Baetis rhodani 1	1 only	NET GAINS 3
			·	

REGION	Severn-Trent	RIVER	Arrow
SEASON	Autumn	SITE	Alcester
SORTER 2.3		SAMPLE CODE NRAO4 3714	
AQC OF BMV	VP FAMILIES A. IN	N VIAL H	N SAMPLE +
	•.	LOSSES	GAINS
A	VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
i) BMWF on s	nces between: P families listed sample data sheet and P families found VIAL by IFE	None	None
-			
B <u>S</u>	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
i) BMWF on s ii) BMWF	nces between: Property families listed sample data sheet and Property families found SAMPLE by IFE	(This box only complete when no vial supplied with sample)	d 1 Planorbidae 2 Baetidae 3 Calopterygidae 4 Hydrophilidae 5 Elmidae 6 Leptoceridae
NET LOSSES 0 NET GAINS 6  NOTES 1 Gyraulus albus			
2 Cloeon dipterum 3 Calopteryx splendens 4 Helophorus brevipalpis 1 only 5 Elmis aenea (larva) 1 only 6 Athripsodes aterrimus, Mystacides azurea			

F	REGION Severn-Tre	nt	RIVER	Ford Brook
S	SEASON Autumn		SITE	Bescot
SORTER 3.4			SAMPLE CODE NRAO4 8765	
AQC OF BMWP FAMILIES A. IN			VIAL + B. I	N SAMPLE +
			LOSSES	GAINS
Α	VIAL	-	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	Differences betwe i) BMWP families on sample dat and	listed a sheet	1 Valvatidae	None
	ii) BMWP families in VIAL by IF	TF.		
				·
В	<u>SAMPLE</u>		BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE		(This box only complete when no vial supplied with sample)	d 2 Lymnaeidae 3 Polycentropodidae 4 Simuliidae	
	·		NET LOSSES 1	NET GAINS 3
NOTES				
1 Zonitoides found in vial 2 Lymnaea peregra 3 Plectrocnemia conspersa 1 only 4 Simulium ornatum group				

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1	REGION Severn-Trent	RIVER P1	ants Brook	
;	SEASON Autumn	SITE Py	pe Hayes	
SORTER 3.4 SAMPLE CODE NRA04 8818				
1	AQC OF BMWP FAMILIES A. IN VIAL + B. IN SAMPLE +			
_		LOSSES	GAINS	
A	<u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
	Differences between:  i) BMWP families listed  on sample data sheet  and  ii) BMWP families found  in VIAL by IFE	1 Dytiscidae	2 Leptoceridae	
			<u> </u>	
В	SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
	Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	3 Valvatidae 4 Ephemerellidae 5 Sialidae	
		NET LOSSES 1	NET GAINS 4	
ŀ	NOTES  2 Mystacides azurea, M.nigra/longicornis, Athripsodes cinereus, Oecetis ochracea 3 Valvata piscinalis 1 only 4 Ephemerella ignita 1 only 5 Sialis lutaria 1 only			

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REGION	Severn-Trent	RIVER	Leigh Brook	
SEASON A	Autumn	SITE	Leigh	
SORTER A1.4 B1.1		SAMPLE CODE NRAO4 1818		
AQC OF BMWP FAMILIES A. IN VIAL + B. IN SAMPLE +				
		LOSSES	GAINS	
A	VIAL.	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
i) BMWP on s	ces between: families listed ample data sheet and families found IAL by IFE	1 Leptoceridae	2 Elmidae	
B <u>S</u>	AMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
i) BMWP on sa ii) BMWP	ces between: families listed ample data sheet and families found AMPLE by IFE	(This box only complete when no vial supplied with sample)	3 Valvatidae 4 Planorbidae 5 Chironomidae	
NET LOSSES 1 NET GAINS 4				
NOTES  2 Elmis aenea, Limnius volckmari (larvae) Oulimnius sp. (adults + larvae) 3 Valvata piscinalis 1 only 4 Armiger crista 1 only 5 Indet. Orthocladiinae 1 only				

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REGION Severn-Trent	RIVER	owe	
SEASON Autumn	SITE	toneleigh	
SORTER 2.4	SAMPLE CODE N	RA04 3813	
AQC OF BMWP FAMILIES A. IN VIAL + B. IN SAMPLE +			
	LOSSES	GAINS	
A VIAL	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in VIAL by IFE	None	None	
B <u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE	
Differences between:  i) BMWP families listed on sample data sheet and ii) BMWP families found in SAMPLE by IFE	(This box only completed when no vial supplied with sample)	1 Planorbidae 2 Ancylidae 3 Glossiphoniidae	
NET LOSSES 0 NET GAINS 3			
NOTES  1 Bathyomphalus contortus 1 only 2 Acroloxus lacustris 3 Glossiphonia heteroclita			

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]	REGION	Severn-Trent	RIVER	Blythe River
:	SEASON	Autumn	SITE	Patrick Bridge
;	SORTER	3.4	SAMPLE CODE NRA04 8405	
AQC OF BMWP FAMILIES A. IN VIAL + B. IN SAMPLE +				N SAMPLE +
			LOSSES	). GAINS
Α		<u>VIAL</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) BM or ii) BM	rences between:  IWP families listed  I sample data sheet  and  IWP families found  IN VIAL by IFE	None	None
			,	
В		SAMPLE	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
	i) BM on ii) BM	Tences between:  IWP families listed  I sample data sheet  and  IWP families found  IN SAMPLE by IFE	(This box only complete when no vial supplied with sample)	
ĺ				
			NET LOSSES 0	NET GAINS 5
N	NOTES  1 Dendrocoelum lacteum 1 only 2 Valvata piscinalis 3 Baetis rhodani 1 only 4 Haliplus sp. (larva)			

REGION	Severn-Trent	RIVER	Bevercotes Beck
SEASON	Autumn	SITE	Walesby
SORTER	4.3	SAMPLE CODE	NRA04 5423/.
AQC OF BMWP FAMILIES A. IN VIAL. # B. IN SAMPLE #			
		LOSSES	GAINS
A	VIAL.	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
1)	BMWP families listed on sample data sheet and BMWP families found in VIAL by IFE	None	None
В	<u>SAMPLE</u>	BMWP FAMILIES NOT FOUND BY IFE	ADDITIONAL FAMILIES FOUND BY IFE
(1)	erences between:  BMWP families listed on sample data sheet and  BMWP families found in SAMPLE by IFE	(This box only complet when no vial supplied with sample)	
NOTES		NET LOSSES	NET GAINS 0

