



Riverfly Surveys
River Exe System
2018 Annual Report



Version 01 27 Nov 18

Riverfly Surveys

River Exe System

2018

2018 Introduction

The suggested periods for survey were: 12-27 May (spring), 14-29 July (summer) and 15-30 September (autumn). In practice, these dates are flexible to allow for river conditions and personal circumstances.

Average rainfall fell over the period January to September 2018 inclusive. However the months January to April were much wetter than average, including a particularly wet and wintry March when we experienced 'the beast from the east'. By contrast, May to July were very dry with less than half the average rainfall, resulting in low river conditions that have been slow to recover.

Results from 126 surveys have been received for the 52 sites across the Exe catchment. No surveys were undertaken at five sites:

- Little Exe Westermill Farm
- Little Exe Court Farm
- Pennycombe Water Chibbet
- River Culm Rewe
- River Exe Bramford Speke

We try to arrange for someone else to cover, if the regular volunteers advise that they cannot survey, but this is not always possible. Another reason for the lower number (80% of the potential maximum) is the dry summer which left water levels in some rivers too low to survey.

This network continues to be supported by the River Exe and Tributaries Association (RETA) and overseen by Fred Leach.

Summary





















Overall, the scores for 2018 are close to the average scores (based on between 1 and 7 years). This applies to the seasonal results and over the whole year. However the number of surveys with scores worse than average (69) is above the number with average or higher scores (56).

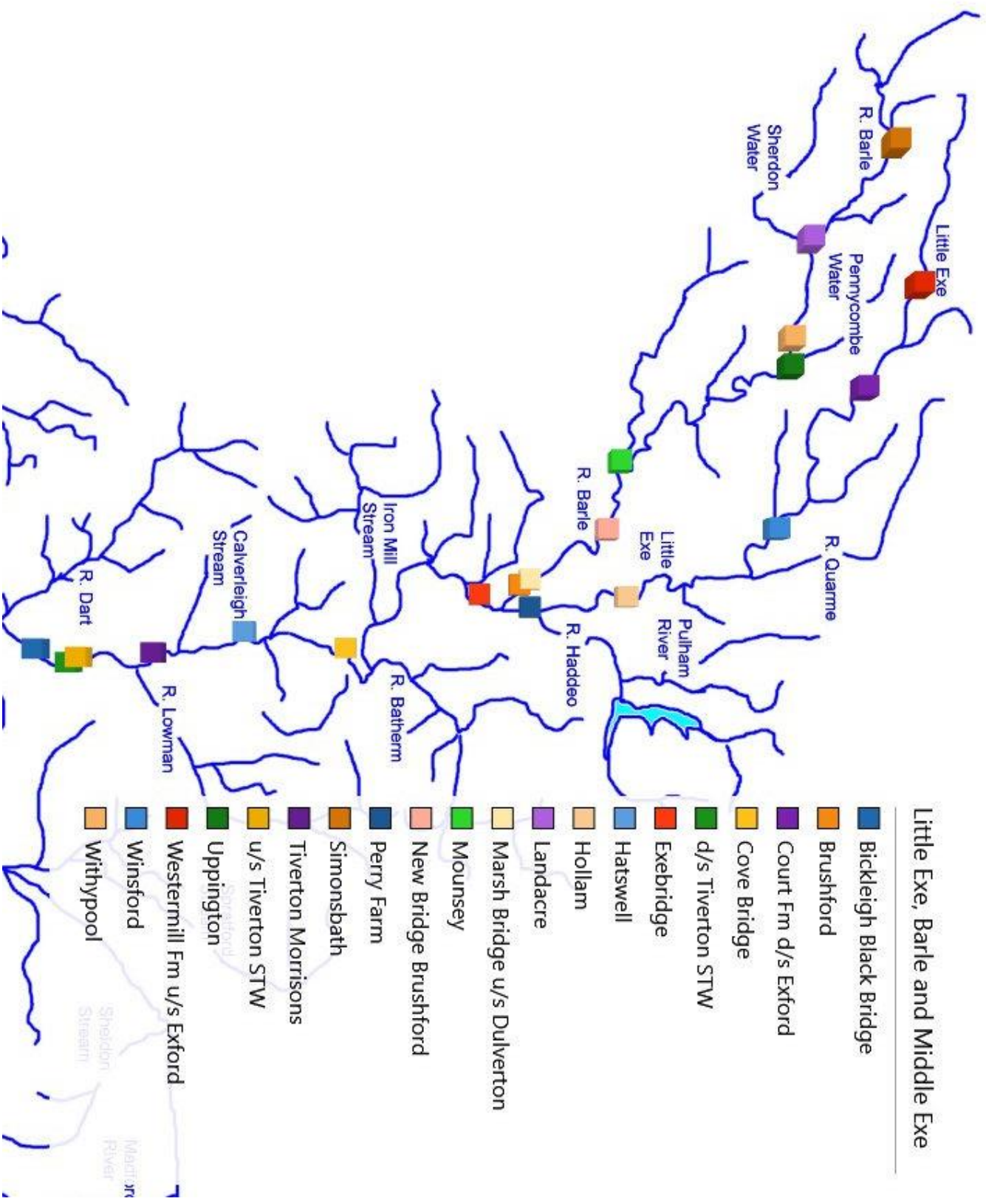
In September, the scores at nine sites (7% of surveys) fell to or below the trigger levels set by the Environment Agency:

- River Exe at Morrisons, Tiverton
- River Lowman tributary at Uplowman
- River Lowman at Chieflowman Bridge
- River Exe u/s Tiverton STW
- River Exe below Tiverton STW
- River Dart at Thongsleigh
- River Culm at Culmstock
- River Culm u/s of Uffculme
- River Yeo at Salmonhutch



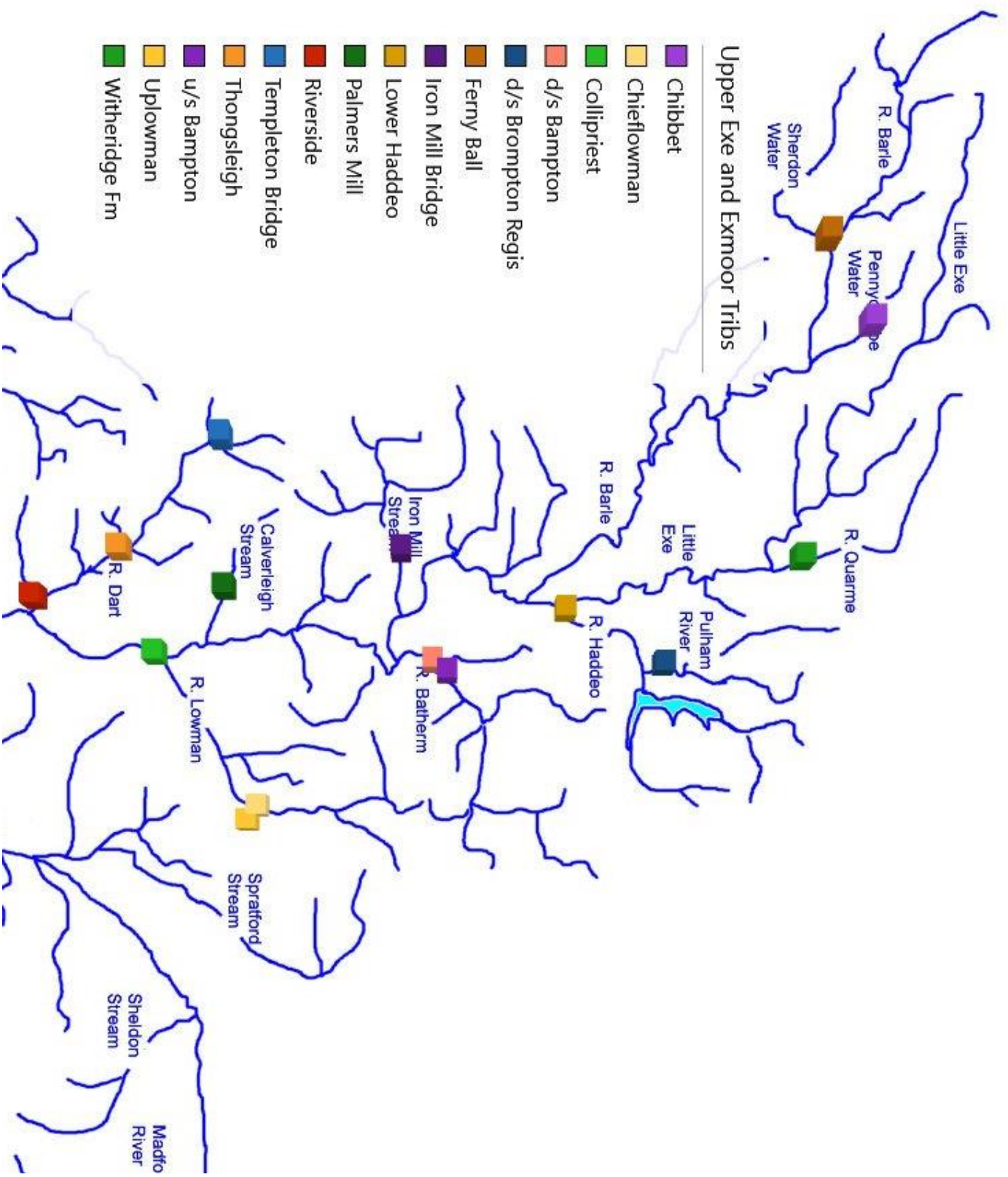
Little Exe, Barle and Middle Exe

-  Bickleigh Black Bridge
-  Brushford
-  Court Fm d/s Exford
-  Cove Bridge
-  d/s Tiverton STW
-  Exebridge
-  Hatswell
-  Hollam
-  Landacre
-  Marsh Bridge u/s Dulverton
-  Mounsey
-  New Bridge Brushford
-  Perry Farm
-  Simonsbath
-  Tiverton Morrisons
-  u/s Tiverton STW
-  Uppington
-  Westernmill Fm u/s Exford
-  Winsford
-  Withypool



Upper Exe and Exmoor Tribs

- Chibbet
- Chieflowman
- Collipriest
- d/s Bampton
- d/s Brompton Regis
- Ferry Ball
- Iron Mill Bridge
- Lower Haddoe
- Palmer's Mill
- Riverside
- Templeton Bridge
- Thongsleigh
- u/s Bampton
- Uplowman
- Witheridge Fm



Summary ENP and Upper Exe Devon Tribs.

River	Location	#
Sherdon Water	Ferry Ball	6
Quarrie	Witheridge Farm	7
Pulham	d/s Brompton Regis	6
Lower Haddoe	Lower Haddoe	7
Pennycombe Water	Chibbet	6

2018 score		
Spr	Sum	Aut
6	6	8
15	14	9
12		9
18	17	15

As % Average		
Spr	Sum	Aut
65%	57%	89%
114%	121%	76%
101%		93%
102%	107%	94%

2018 Better/Worse		
Spr	Sum	Aut
-1	-1	-1
1	1	-1
1		-1
1	1	-1

Upper Exe Devon Tribs.		
River	Location	#
Bathern	u/s Bampton	6
Bathern	d/s Bampton	6
Iron Mill Stream	Iron Mill Bridge	7
Lowman Trib	Uplozman	7
Lowman	Chieflowman Bridge	7
Lowman	Collipriest	7
Calverleigh Stream	Palmer's Mill	7
Dart	Templeton Bridge	7
Dart	Thongsleigh	7
Dart	Riverside	7

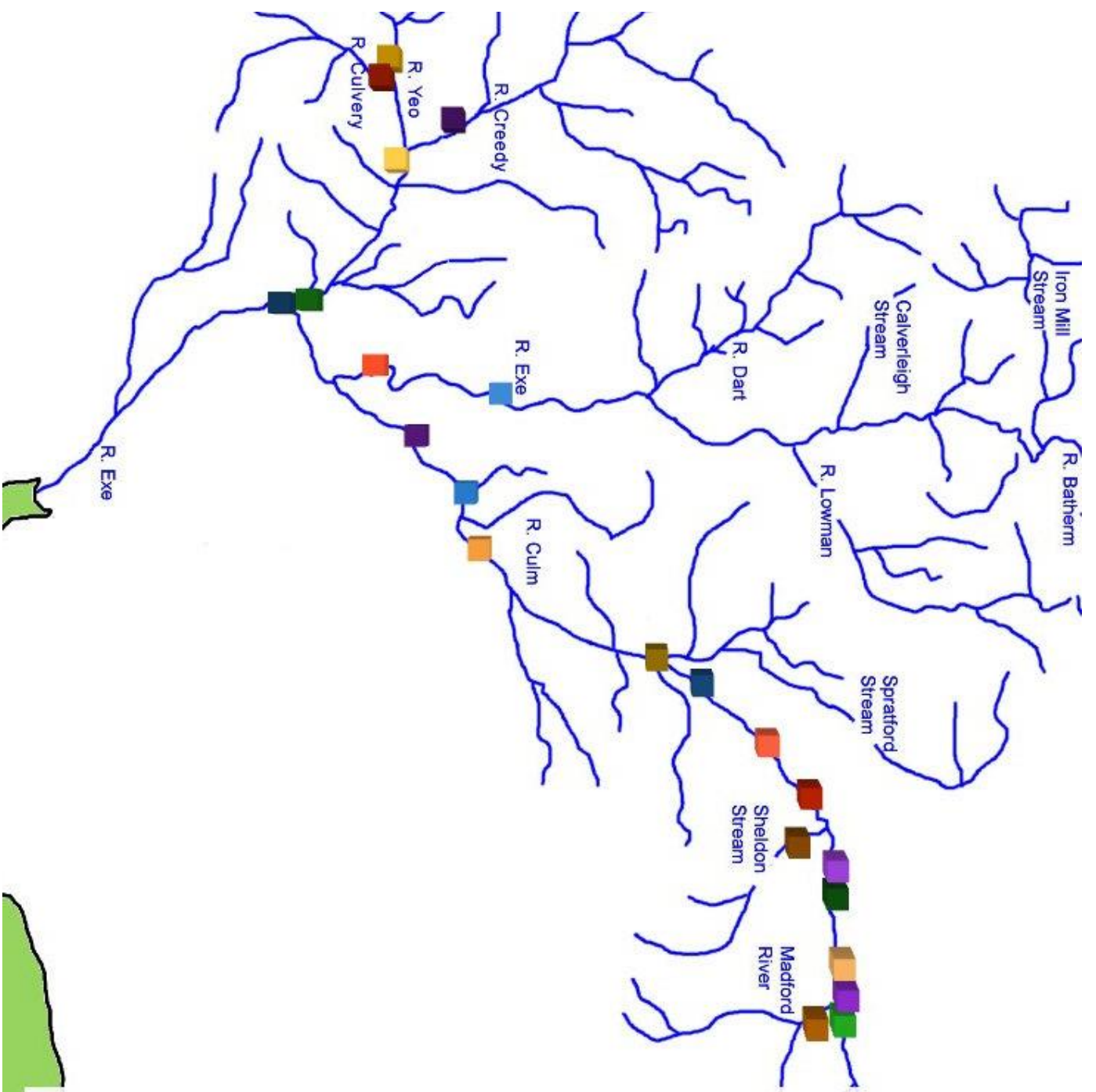
9	13	10
8	8	9
	9	10
10		4
8		5
13	11	10
9	8	8
10	10	11
10		5
11		7

86%	121%	111%
67%	79%	105%
	100%	114%
89%		51%
65%		58%
92%	105%	100%
95%	84%	86%
107%	111%	118%
103%		68%
138%		88%

-1	1	1
-1	-1	1
	0	1
-1		-1
-1		-1
-1	1	0
-1	-1	-1
1	1	1
1		-1
1		-1

Notes:

- # Trigger scores are set by the EA and represent a threshold below which results should be reported. An amber background indicates that these levels were met, a red background indicates a score below.
- Averages are based on previous results up to 2017, over a maximum of 7 years.



Lower Exe, Culm and Creedy

- Brampford Speke
- Cowley Bridge
- Craddock
- Crediton Rugby Ground
- Cullompton
- Culmstock
- Culverly Bridge
- d/s Ellerhayes Bridge
- d/s Hele Rail Bridge
- d/s Hemyock
- Dunscombe Bridge
- Flashford Bridge u/s Hemyock
- Ford Farm
- Hayne Barton
- Holcombe
- Rewe
- Salmonhutch
- Three Horse Shoes
- u/s Uffculme
- UpExe Mill
- Whitehall
- Woodhayne Barton

Summary Culm, lower Exe and Creedy/Yeo

River	Location	#
Madford River	Holcombe	7
Culm	Flashford Br u/s Hemyock	7
Culm	Whitehall	7
Culm	Culmstock	7
Culm	Woodhayne Barton	7
Sheldon Stream	Craddock	7
Culm	u/s Uffculme	7
Culm	Ford Farm	7
Culm	Hayne Barton	7
Spratford Stream	Cullompton	6
Culm	d/s Hele Rail Bridge	5
Culm	d/s Ellerhayes Bridge	5
Culm	Rewe	5

2018 score		
Spr	Sum	Aut
19	19	14
20	15	17
12	7	11
11	9	5
9	7	10
11	11	11
10	8	6
16	14	11
11	10	9
8	7	7
13	11	
11	11	

As % Average		
Spr	Sum	Aut
114%	129%	101%
120%	101%	140%
109%	75%	151%
90%	77%	58%
90%	76%	118%
87%	99%	115%
94%	73%	61%
113%	108%	85%
110%	103%	97%
160%	127%	156%
186%	157%	
157%	122%	

2018 Better/Worse		
Spr	Sum	Aut
1	1	1
1	1	1
1	-1	1
-1	-1	-1
-1	-1	1
-1	-1	1
-1	-1	-1
1	1	-1
1	1	1
1	1	
1	1	

Lower Exe and Creedy		
River	Location	#
Exe	Bramford Speke	7
Exe	UpExe Mill	7
Exe	Cowley Bridge	7
Creedy	Credition Rugby Club	6
Culvery	Culvery Bridge	
Yeo	Dunscombe Bridge	6
Yeo	Salmonhutch	6
Creedy	Three Horse Shoes	

15	13	14
16	15	15
11	10	11
11		
13	11	9
12	7	6
16	16	18

79%	68%	100%
123%	125%	115%
92%	91%	110%
69%		
90%	92%	138%
96%	64%	86%
n/a	133%	164%

-1	-1	0
1	1	1
-1	-1	1
-1		
-1	-1	1
-1	-1	-1
	1	1

Notes:

1. Trigger scores are set by the EA and represent a threshold below which results should be reported. An amber background indicates that these levels were met, a red background indicates a score below.
2. Averages are based on previous results up to 2017, over a maximum of 7 years.

Total Score Analysis

Comparing and averaging scores can only provide an indication to highlight issues for further investigation. Whilst some records are now approaching 10 years, others may consist of only one year. It should also be remembered that scores are logarithmic and so the ratio between scores does not apply the same between numbers of invertebrates. A score of three may indicate one specimen from each of three groups or 999 specimens from a single group. With these provisos:

1. The average scores for each season in 2018 are similar to the averages from previous surveys.
2. Seasonal variations show the usual downward trend, being typically one less in summer and two less in autumn than the spring scores. This is believed to be due to visible flies hatching and their progeny being harder to spot. There are exceptions and some volunteers report increasing numbers.
3. The Barle and Little Exe appear to have fared worse than the other tributaries. This cannot just be accounted for by the dry summer and it may be due to the wet and cold early spring.
4. More sites had a lower score than average than the same or higher, for each of the three season's surveys.

2018	Spring	Summer	Autumn	Total
Higher Scores	17	16	17	50
Same Scores	1	2	3	6
Lower Scores	27	20	22	69
Total	45	38	42	125

Note: there is no historic spring record at one of the sites.

5. The site on the Spratford Stream at Cullompton showed improvement, although previous scores had been very low with an annual average of only 5. The sites on the Culm downstream showed consequent improvement (although regrettably some surveys were not undertaken).
6. Results fell below the trigger levels set by the Environment Agency on six occasions, and to the trigger level on three others. All of these were September surveys except on the River Exe u/s and d/s of Tiverton STW, which occurred in May.

River Exe at Morrisons, Tiverton	A poor site. Hatswell was o.k.
River Lowman tributary at Uplowman	Always a 'difficult' river and water level very low. Worth checking as autumn scores were barely half the average?
River Lowman at Chieflowman Bridge	As above.
River Exe u/s Tiverton STW	Threshold reached Spring 2018. Unfortunately Summer and Autumn surveys were not undertaken.
River Exe d/s Tiverton STW	As above.
River Dart at Thongsleigh	Reported late. Previous low scores have been investigated by the EA.
River Culm at Culmstock	Concerns about the Culm have been raised with the EA. Neighbouring scores are o.k. but all three results are down and the decline below Hemyock is notable.
River Culm u/s of Uffculme	As above.
River Yeo at Salmonhutch	Trigger reached in September.

Species Score Analysis

We do not expect to get all species at all times at all sites, due to their individual different needs. However we can look for anomalies, an unexpected presence abundance or absence, and whether there have been changes or trends.

Presence can be expressed as a percentage: for a particular site, group of sites or for the whole catchment. A value of 75% means that the group was found in 75% of surveys.

We record the average numbers that are counted in each survey. This information is converted into a logarithmic score (1 to 9 =1, 10 to 99 =2 etc.) that contributes to the overall score. Examination at species group level might reveal detail that the overall scores do not reflect.

Presence

Riverfly Groups	2017	2018	Highest Presence	Lowest Presence
Cased Caddis	90.1%	84.9%	Exmoor NP	Lower Exe & Creedy
Uncased Caddis	89.4%	88.1%	Exmoor NP	Middle Exe
Mayfly	45.1%	55.6%	Exmoor NP	Middle Exe
Blue Winged Olive	52.8%	57.1%	Exmoor NP	Culm
Flat Bodied Heptagenidae	85.9%	86.5%	Exmoor NP	Culm
Olives	95.8%	96.0%	Exmoor NP	Middle Exe
Stonefly	82.4%	82.5%	Lower Exe & Creedy	Culm
Shrimp	77.5%	71.4%	Lower Exe & Creedy	Little Exe & Barle

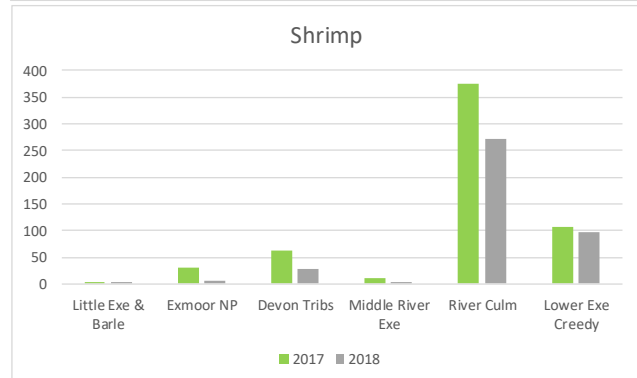
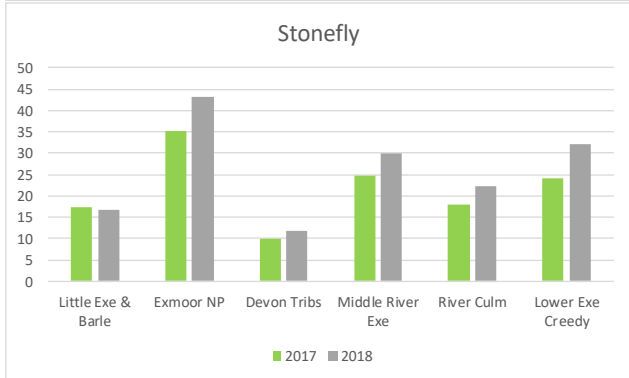
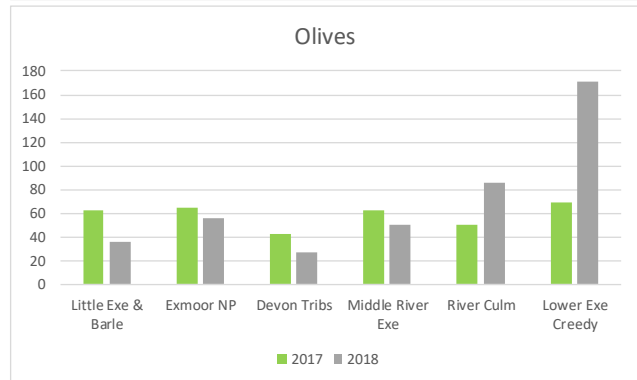
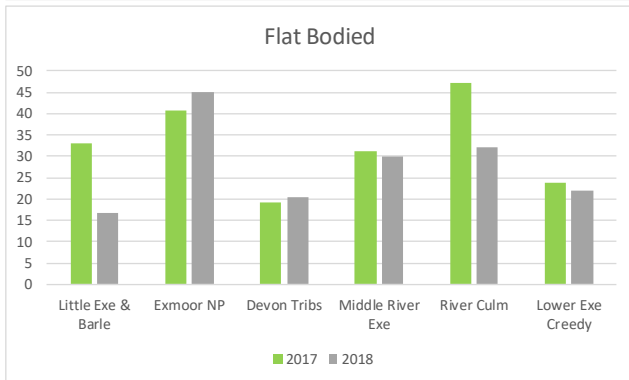
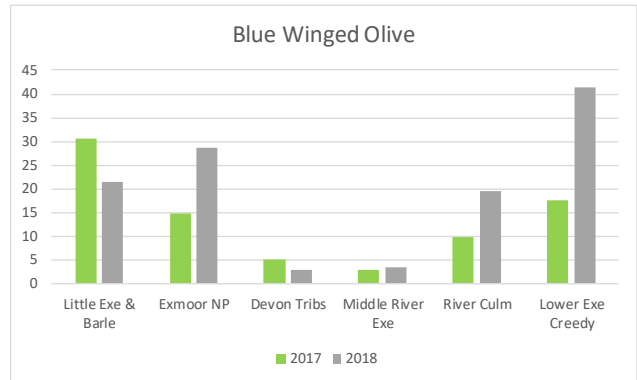
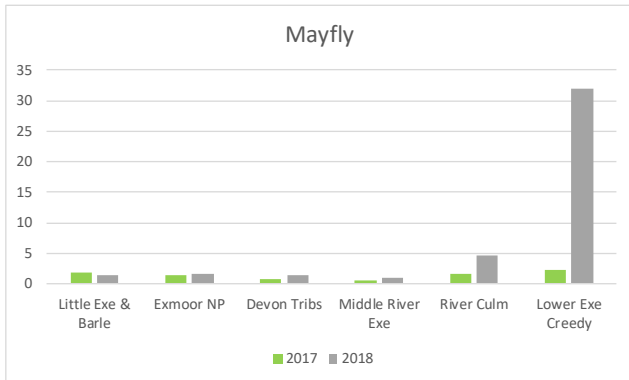
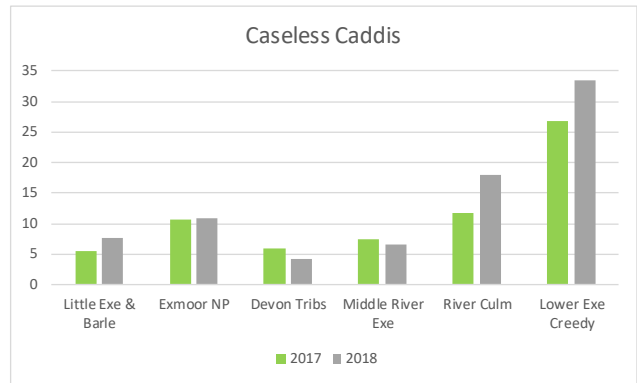
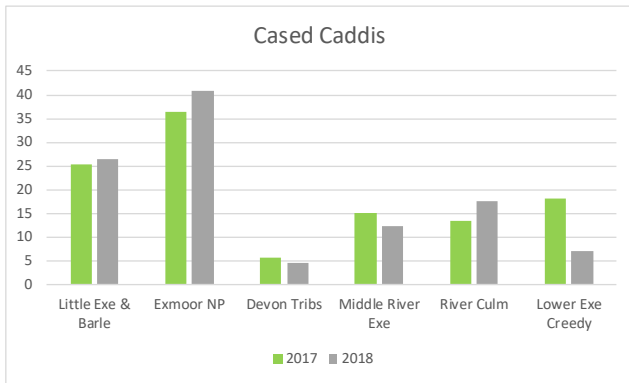
- Percentages above for 2017 and 2018 are for the whole Exe catchment.
- The Exmoor National Park sub-catchment exhibits the highest presence of most Riverfly groups, including some that might not be expected such as mayfly. If proof was needed, it may illustrate a benefit to diversity of sensitive land management in this area.
- All Riverfly groups are present in at least 20% of the sites in all the sub-catchments.
- Variation from 2017 to 2018 is generally less than 10%. More marked changes include:
 - A reduction from 80% to 53% of sites for cased caddis in Lower Exe and Creedy
 - An increase from 24% to 35% of sites for mayfly in the Middle Exe
 - An increase from 53% to 68% of sites for mayfly in the Culm
 - An increase from 32% to 50% of sites for blue-winged olive in the Culm
 - A reduction from 40% to 25% of site for shrimp in the Little Exe and Barle
- Sites recording mayfly have increased in all sub-catchments except the Lower Exe and Creedy

Survey Count

- All sub-catchments record some of each group.
- Most counts average less than fifty. The only two groups that regularly exceed this are the general olives, which can be in the hundreds, and shrimp (Gammarus), which can reach thousands.
- Cased caddis numbers are higher on the upland waters and caseless on the lowland.
- Mayfly counts are usually in single figures, often only one or two. An exception in 2018 is the Lower Exe and Creedy where the average exceeded 30 (a good mayfly year in 2019?). The Culm also saw an increase from an average of less than two to almost five.
- Blue-winged olive numbers appear to be the most volatile.
- Average olive counts in the Lower Exe and Creedy sub-catchment have more than doubled in 2018.
- Shrimp numbers on the Culm continue to stand out, although lower in 2018 than in 2017. These are dominated by very high counts below Cullompton, where the Spratford Stream enters.



Percentage of sites in each sub-catchment, and the whole Exe catchment, where each Riverfly group was present.



The average survey count for each Riverfly group in each sub-catchment.

Other Activity

Riverfly training was held, at Piles Mill near Porlock, mainly for the Somerset rangers of the National Trust.

The Blackdown Hills Area of Outstanding Beauty (AONB) Partnership is running a community project to help safeguard the native crayfish in the River Culm. A Riverfly Training Day was held on 12 May 2018 for the benefit of local people who want to be involved. Further works are planned.



Live crayfish have been caught during Riverfly surveying on the Culm at Whitehall (left). These were almost certainly American red-claw...

...also on the River Yeo (right), but this time a native.



A meeting was held with the Environment Agency on 11 July. We meet at least once a year to discuss Riverfly results and how these complement EA activities. Matters that were discussed included sites that fell below trigger levels in 2017, our protocol for raising concerns with the EA when trigger levels are met, and the state of the River Culm; should this be a special case for action?

The Anglers Riverfly Monitoring Initiative (ARMI) national database has continued to suffer from technical problems. Historic data that we were assured had been added was found not to be available. Efforts will (again) be made to ensure that all historic and subsequent results are included before the next season.

If any volunteer wants access to any of our historic River Exe catchment Riverfly data then Fred Leach and I will be pleased to help. We would also be pleased to receive any comments, corrections or suggestions relating to this or future reports.

Richard Horrocks
Lower Exe ARMI Group Co-ordinator
29 November 2018

LITTLE EXE AND BARLE DETAIL 2018

20 from 27

River Site	Little Exe Westernmill Farm	Little Exe Court Farm	Little Exe Wnnsford	Little Exe Hollan	Little Exe Perry	Barle Simonsbath	Barle Withypool	Barle Landacre	Barle Brushford
Trigger Level	6	6	6	7	6	5	5	6	6
1	G.L.Tender	G.L.Tender	Ueil. Zellwegger	Julian Capps	J.Hughes A.Searle	Alan Barrow	Alan Barrow	Jo Down	J.Hughes A.Searle
2	P.Grisley	P.Grisley			M.Williams				M.Williams
3									

Date	12-May-18	27-May-18	23-May-18	24-May-18	24-May-18	26-May-18	23-May-18
Time	12:00	13:00	17:30	14:00	14:30	07:30	16:30
Cased Caddis	20	20	10	35	50	50	20
Caseless Caddis	2	2	20	0	0	2	2
Mayfly	0	4	1	12	5	0	0
Blue Winged Olive	15	2	3	65	80	0	0
Flat Bodied Hept.	12	1	50	18	23	6	100
Olives	20	2	30	60	65	5	150
Stonelfy	10	2	30	2	0	12	40
Shrimp	5	0	0	11	0	0	0
Total Score	12	12	12	13	9	7	12

Date	07-Jul-18	No Sample	19-Jul-18	09-Aug-18	09-Aug-18	07-Jul-18	19-Jul-18
Time	12:00	Low Water	17:30	12:15	11:30	10:30	16:30
Cased Caddis	15		30	35	0	15	100
Caseless Caddis	20		5	0	0	4	6
Mayfly	0		2	0	0	0	0
Blue Winged Olive	16		6	60	50	6	15
Flat Bodied Hept.	12		30	1	1	0	10
Olives	18		30	25	25	3	30
Stonelfy	3		50	0	0	8	20
Shrimp	0		0	1	1	0	0
Total Score	11	0	11	8	6	6	12

Date	16-Sep-18	09-Sep-18	12-Sep-18	09-Oct-18	09-Oct-18	25-Sep-18	12-Sep-18
Time	11:45	15:00	15:40	12:45	12:15	07:30	12-Sep-18
Cased Caddis	3	3	30	30	0	14	50
Caseless Caddis	2	8	2	2	4	3	15
Mayfly	0	2	1	1	1	0	0
Blue Winged Olive	2	0	0	60	50	0	0
Flat Bodied Hept.	4	10	8	1	3	10	8
Olives	3	2	30	35	30	12	100
Stonelfy	12	10	3	0	0	1	10
Shrimp	1	0	0	0	0	0	0
Total Score	8	9	11	9	7	8	10

EXMOOR NATIONAL PARK DETAIL 2018

11 from 15

River Site	Sherdon Water	Quarrie	Pulham	Haddo	Pennycombe Water
Ferry Ball	Witheridge Farm	Brompton Regis d/s	Lower	Chibbet	
Trigger Level	6	7	6	7	6
1	Jo Down	Ueli Zellweger	Julian Capps	Bill Hayes	Paul Grisley
2				C Morter	
3					

Date	26-May-18	12-May-18	27-May-18	16-May-18
Time	07:30	11:30	11:30	10:30
Cased Caddis	20	24	40	57
Caseless Caddis	1	7	10	10
Mayfly	0	2	1	3
Blue Winged Olive	0	0	0	200
Flat Bodied Hept.	2	2	2	160
Olives	5	15	30	210
Stonerfly	7	12	2	160
Shrimp	0	2	1	1
Total Score	6	15	12	18
				0

Date	07-Jul-18	07-Jul-18	No Sample	10-Jul-18
Time			Low Water	
Cased Caddis	6	20		160
Caseless Caddis	2	16		15
Mayfly	0	0		6
Blue Winged Olive	5	12		70
Flat Bodied Hept.	0	15		38
Olives	2	20		150
Stonerfly	10	15		140
Shrimp	0	2		7
Total Score	6	14	0	17
				0

Date	25-Sep-18	16-Sep-18	09-Sep-18	18-Sep-18
Time	07:30	11:00	13:30	10:30
Cased Caddis	7	6	0	110
Caseless Caddis	2	3	10	44
Mayfly	0	2	2	1
Blue Winged Olive	0	5	3	0
Flat Bodied Hept.	30	1	10	50
Olives	20	6	30	124
Stonerfly	1	3	0	107
Shrimp	1	1	1	4
Total Score	8	9	9	15
				16
				0

DEVON TRIBUTARIES DETAIL 2018 25 from 30

River Site	Bathern u/s Bampton Trigger Level	Bathern d/s Bampton	Iron Mill Stream Iron Mill Bridge	Lowman Tributary Uplowman	Lowman Chieflowman Bridge	Lowman Collipriest	Calverleigh Stream Palmer's Mill	Dart Templeton Bridge	Dart Thongsleigh Mill	Dart Riverside
1	J Dawson	J Dawson	J Dawson	C Roderick Jones	C Roderick Jones	Alan Searle	Robert Wightmore	S Powles	S Powles	S Powles
2	F Leach	F Leach	F Leach					S Hunt	S Hunt	S Hunt
3										

Date	15-May-18	15-May-18	19-Jul-18	26-May-18	26-May-18	25-May-18	12-May-18	15-May-18	15-May-18	15-May-18
Time	13:05	14:15	14:45	13:00	12:00	13:00	13:30	10:45	11:00	12:15
Caseid Caddis	2	4	2	1	3	4	9	4	2	2
Caseless Caddis	10	8	10	0	0	1	1	2	1	2
Mayfly	0	0	1	1	1	1	7	0	4	3
Blue Winged Olive	0	0	0	1	5	1	0	0	9	20
Flat Bodied Hept.	30	50	3	2	10	12	20	90	20	20
Olives	50	40	10	2	50	40	5	120	80	20
Stonerfly	2	3	2	2	0	2	6	24	8	8
Shrimp	2	1	1	1	1	3	2	2	1	5
Total Score	9	8	0	10	8	13	9	10	10	11

Date	19-Jul-18	19-Jul-18	19-Jul-18	29-Sep-18	10-Sep-18	10-Sep-18	20-Jul-18	08-Jul-18	22-Jul-18	22-Jul-18	22-Sep-18	22-Sep-18
Time	14:45	12:30	11:30	11:30	10:55	11:40	11:30	15:30	10:45	11:45	10:45	11:45
Caseid Caddis	10	2	1	2	0	2	20	15	5	5	0	0
Caseless Caddis	4	7	3	1	1	4	1	10	0	0	0	0
Mayfly	1	0	1	1	1	1	1	2	1	1	1	1
Blue Winged Olive	14	3	4	1	0	0	2	1	10	2	0	1
Flat Bodied Hept.	10	12	13	2	0	3	1	4	20	2	0	0
Olives	70	6	3	2	0	0	0	0	30	30	1	1
Stonerfly	15	5	15	1	5	2	15	6	20	20	1	1
Shrimp	5	7	2	0	2	3	2	1	0	0	1	2
Total Score	13	8	9	0	4	5	11	8	10	0	0	0

Date	24-Sep-18	24-Sep-18	29-Sep-18	10-Sep-18	10-Sep-18	24-Sep-18	09-Sep-18	22-Sep-18	22-Sep-18	22-Sep-18
Time	13:30	14:30	11:30	10:55	11:40	16:00	15:20	10:45	11:45	10:45
Caseid Caddis	5	4	2	0	2	4	6	3	2	0
Caseless Caddis	20	18	3	1	0	1	8	1	0	1
Mayfly	0	0	1	0	0	0	1	2	2	1
Blue Winged Olive	0	0	0	0	0	0	0	0	0	0
Flat Bodied Hept.	8	0	20	0	1	20	2	130	0	0
Olives	30	20	10	5	10	20	5	30	3	1
Stonerfly	20	10	2	0	0	2	10	50	1	1
Shrimp	10	20	1	2	5	3	4	2	1	2
Total Score	10	9	10	4	5	10	8	11	5	7

RIVER EXE

DETAIL 2018

17 from

21

River Site	Exe Exebridge	Cove Bridge	Hatswell	Morrison's	u/s STW	d/s STW	d/s Black Bridge
Trigger Level	6	6	6	6	6	6	6
1	J. Hughes	A. Searle	R. Wightmore	R. Wightmore	C. Fuller	C. Fuller	A. Searle
2	A. Searle				A. Howell	A. Howell	
3	M. Williams						

Date	23-May-18	25-May-18	12-May-18	12-May-18	24-May-18	24-May-18	25-May-18
Time		10:00	14:30	16:00	15:30	15:55	11:30
Cased Caddis	20	0	1	0	4	2	0
Caseless Caddis	20	0	1	1	2	1	2
Mayfly	0	1	0	0	0	1	0
Blue Winged Olive	0	1	0	0	0	0	0
Flat Bodied Hept.	200	3	25	20	4	0	20
Olives	50	2	10	2	0	0	100
Stonefly	50	2	30	2	6	1	100
Shrimp	0	1	1	0	1	0	20
Total Score	11	8	9	7	6	6	13

Date	19-Jul-18	19-Jul-18	08-Jul-18	08-Jul-18	20-Jul-18
Time		16:00	15:30	16:30	11:00
Cased Caddis	50	2	15	1	25
Caseless Caddis	5	1	10	0	2
Mayfly	0	0	1	0	0
Blue Winged Olive	2	1	1	1	25
Flat Bodied Hept.	50	2	4	1	50
Olives	200	2	0	0	50
Stonefly	30	2	6	10	50
Shrimp	1	1	0	1	80
Total Score	12	7	8	6	12

Date	21-Sep-18	24-Sep-18	09-Sep-18	16-Sep-18	24-Sep-18
Time	12:45	14:00	14:20	14:00	15:00
Cased Caddis	8	10	5	10	40
Caseless Caddis	20	2	15	1	0
Mayfly	0	0	3	0	2
Blue Winged Olive	0	1	1	0	2
Flat Bodied Hept.	8	3	0	0	2
Olives	100	4	7	0	8
Stonefly	50	1	10	6	150
Shrimp	0	3	2	1	40
Total Score	9	11	8	18	12

RIVER CULM DETAIL 2018 34 from 39

River Site	Culm	d/s	Culm	d/s	Culm	Cullompton	Hayle Barton	Ford Farm	u/s	Sheldon Stream	Woodhayne Barton	Culm	Whitehall	Flashford Bridge	Madford River
Trigge Level	Rewe	Ellenhayes Bridge	Hele Bridge	Spratford Stream	Cullompton	Hayle Barton	Ford Farm	u/s Uffculme	Sheldon Stream	Woodhayne Barton	Culm	Whitehall	Flashford Bridge	Madford River	
1	F. Blackett	M. Holland	M. Holland	R. Horrocks	R. Horrocks	R. Horrocks	A. Bobba	A. Dadds	R. Horrocks	R. Horrocks	A. Sumpton	R. Horrocks	C. Morter	C. Morter	C. Morter
2	Exeter College	M. Holland	M. Holland	N. Patel	N. Nesbitt	N. Nesbitt	N. Nesbitt	M. Coulthick	L. Vickery	N. Nesbitt	A. Sumpton	L. Vickery	B. Hayes	B. Hayes	B. Hayes
3															

Date	Time	Number	Score	Number	Score	Number	Score	Number	Score	Number	Score	Number	Score	Number	Score
20-May-18	15:30	6	1	25	2	0	0	4	1	5	1	2	1	5	1
		Caseless Caddis	2	Caseless Caddis	30	1	1	12	2	40	2	15	2	15	2
		Caseless Caddis	15	Caseless Caddis	17	0	0	4	1	3	1	1	1	0	0
		Mayfly	1	Mayfly	0	1	1	0	0	300	3	2	1	20	2
		Blue Winged Olive	0	Blue Winged Olive	0	1	1	0	0	100	1	1	1	100	1
		Flat Bodied Hept.	0	Flat Bodied Hept.	1	2	2	12	2	200	3	3	3	100	3
		Olives	100	Olives	60	2	2	100	6	50	2	2	3	130	3
		Stonely	0	Stonely	0	0	0	6	1	5	1	1	1	130	1
		Shrimp	0	Shrimp	4	4	4	2	1	0	0	2	2	80	2
		Total Score	11	Total Score	13	8	8	16	10	11	9	11	11	20	19

Date	Time	Number	Score	Number	Score	Number	Score	Number	Score	Number	Score	Number	Score	Number	Score
11-Aug-18	10:00	11	2	21	2	1	1	50	2	30	2	80	2	4	1
		Caseless Caddis	16	Caseless Caddis	27	2	2	6	1	20	2	0	0	2	2
		Caseless Caddis	3	Caseless Caddis	6	0	0	1	1	15	1	2	1	4	1
		Mayfly	0	Mayfly	0	0	0	0	0	0	0	0	0	0	0
		Blue Winged Olive	0	Blue Winged Olive	0	4	4	10	2	10	2	30	2	10	2
		Flat Bodied Hept.	0	Flat Bodied Hept.	0	0	0	4	1	50	2	2	1	6	1
		Olives	70	Olives	40	2	2	100	3	50	2	3	3	90	2
		Stonely	0	Stonely	0	0	0	4	1	5	1	1	1	0	0
		Shrimp	0	Shrimp	4	4	4	3	1	2	0	0	0	0	0
		Total Score	11	Total Score	11	7	7	14	8	11	7	9	9	15	15

Date	Time	Number	Score	Number	Score	Number	Score	Number	Score	Number	Score	Number	Score	Number	Score
28-Sep-18	19:00	0	0	15	2	5	1	35	2	1	1	30	2	2	1
		Caseless Caddis	2	Caseless Caddis	10	0	0	40	2	2	1	10	2	0	0
		Caseless Caddis	0	Caseless Caddis	0	0	0	0	0	0	0	25	0	0	0
		Mayfly	0	Mayfly	0	0	0	0	0	0	0	0	0	0	0
		Blue Winged Olive	0	Blue Winged Olive	0	20	2	0	0	0	0	0	0	0	0
		Flat Bodied Hept.	2	Flat Bodied Hept.	0	15	2	0	0	30	2	2	1	180	2
		Olives	8	Olives	10	60	2	5	1	100	3	2	2	175	3
		Stonely	0	Stonely	0	5	1	0	0	1	1	1	1	125	3
		Shrimp	0	Shrimp	1	3	1	3	1	5	1	5	1	250	3
		Total Score	0	Total Score	9	11	11	6	10	11	10	5	17	65	14

LOWER EXE & CREEDY DETAIL 2018

19 from 24

River Site	Exe	Exe	Exe	Creedy	Culvery	Yeo	Yeo	Creedy
Trigger Level	Cowley Bridge	Bramford Speke	UpExe Mill	Three Horse Shoes	Culvery Bridge	Dunscombe Bridge	Salmonhutch	Credition RFC Ground
1	<i>B. Fitch</i>	<i>F. Blackett</i>	<i>B. Hayes</i>	<i>M. Farrar</i>	<i>J. Anderson</i>	<i>Martin Davies</i>	<i>B. Dymoke-Marr</i>	<i>M. Davies</i>
2		<i>Exeter College</i>	<i>C. Morter</i>	<i>M. Storer</i>	<i>J. Adams?</i>	<i>Toby Dean</i>	<i>M. Willis</i>	<i>T. Goodall</i>
3						<i>T. Goodall</i>		

Date	28-May-18	18-May-18	14-May-18	15-May-18	02-Jun-18	28-May-18	26-May-18
Time	10:00	10:30		11:00		13:00	
Cased Caddis	66	40	8	2	7	0	0
Caseless Caddis	75	28	5	4	50	100	20
Mayfly	15	0	500	0	0	0	0
Blue Winged Olive	30	50	300	2	100	2	1
Flat Bodied Hept.	20	70	50	30	30	0	20
Olives	65	145	200	5	300	100	500
Stonerfly	5	34	5	100	4	20	1
Shrimp	5	31	20	11	1	2	1
Total Score	640	31	20	6	1	10	50
	16	15	16	11	13	12	11

Date	27-Jul-18	10-Jul-18	24-Jul-18	04-Aug-18	01-Aug-18	27-Jul-18
Time	07:30	12:00			10:00	
Cased Caddis	62	9	0	0	0	0
Caseless Caddis	20	23	100	30	2	40
Mayfly	5	1	1	1	0	0
Blue Winged Olive	2	9	20	30	4	5
Flat Bodied Hept.	35	50	15	1	0	8
Olives	21	50	40	1	30	300
Stonerfly	12	128	110	200	2	3
Shrimp	12	8	3	4	3	1
Total Score	700	8	300	5	12	40
	15	13	16	11	7	10

Date	01-Oct-18	18-Sep-18	07-Oct-18	01-Oct-18	20-Sep-18	01-Oct-18
Time	11:00	12:30			10:00	
Cased Caddis	53	42	4	0	0	0
Caseless Caddis	38	38	50	2	5	20
Mayfly	11	0	15	0	0	0
Blue Winged Olive	0	0	110	0	0	0
Flat Bodied Hept.	50	19	60	8	0	15
Olives	120	143	80	1	200	200
Stonerfly	8	80	40	3	2	30
Shrimp	8	31	2	2	1	2
Total Score	450	31	1000	5	6	20
	15	14	18	9	6	11

