

BUTTERFLY CONSERVATION UPPER THAMES BRANCH

Black Hairstreak - Records Comparison Chart 2016

Stuart Hodges



Photo © Tim Watts

We have now completed nineteen years of serious Black Hairstreak recording. With your help we have compiled a very impressive set of records (see chart below) and to give you more background information I have added to the file the annual number of records that this is based on.

My prediction for 2016 of 6.8 per hour's observation proved to be a massive over-estimation, but I did however get the right date for the start of the flight season.

The weather was not very good for the flight season, it was a continuation of the previous ten weeks, wet and cool. This will have extended the Caterpillar and Pupae stages when they were most vulnerable to be taken by birds and other insects that predate on them.

A very big thank you to all who have helped by providing their site visit information.

Year.	98	99	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Total
All time Total no of Bucks & Oxon Colonies, some are now extinct.																				100
Colonies visited by the recording group		31	22	36	28	29	40	38	51	54	55	60	67	57	28	34	34	35	42	90
Colonies seen by the recording group.	7	13	9	15	9	13	34	34	39	41	40	40	46	38	17	19	29	26	31	64
Colonies extant 1990 - 2013																				76
Colonies found since 1997.	2		1			2	2	1	6	4	3	1	4			1	1		2	28
Colonies re-discovered seen pre 1990.	1	5	2	4	1	1	2	1		2			2							21
Individual Butterflies seen	19	28	73	90	123	109	525	258	995	655	261	326	1095	586	118	132	263	418	182	
Hours Spent Looking for Black Hairstreak.				91	53	49	76	99	112	102	91	118	112	158	109	106	87	78	73	
People helping with the recording.	4	9	12	13	15	16	17	24	21	20	27	30	32	39	34	33	35	42	31	
Days with suitable weather for Black Hairstreak activity.			16	18	18	21	22	28	28	25	18	30	26	31	27	24	22	25	20	
Hours of suitable weather for Black Hairstreak activity.	40	90	105	149	151	167	150	176	234	140	115	205	210	168	137	181	142	194	108	
Average hours suitable for activity per day.												6.8	8.4	5	4.6	6.9	6.4	7.6	5.14	
Average no seen per hours observation.	1.4	0.6	0.8	1	2.2	2.2	6.9	2.7	8.9	6.4	2.8	2.7	9.7	3.7	1	1.2	3.02	5.3	2.49	3.47
Number of annual records that make up this information.	7	12	25	99	54	77	129	157	157	186	167	210	383	286	143	112	112	136	115	
Kilometre Squares where Black Hairstreak was seen.													60	52	18	21	40	41		
New Kilometre Squares.													8	2	2	2	2	2		
Total Kilometre Squares with BI H records																				124

Stuart Hodges
Black Hairstreak Champion
 August 2016