

# SEVENTY YEARS AGO TODAY

GEORGE WADE GARLICK (1915-1999)

A VISUAL RECORD OF HIS CONTRIBUTION TO UNDERSTANDING THE  
FLORA OF LEIGH WOODS, BRISTOL

Presented to the Somerset Rare Plants Group on 27 March 2021

By Clive Lovatt

# GW Garlick and the flora of Leigh Woods

George Garlick lived in Yate, Gloucestershire for nearly 50 years and worked as a schoolteacher.

He came from north Lancashire where he also made a notable contribution to botany.

In 1951 starting on Easter Sunday, 25 March, he began to survey the flora of the Avon Gorge.

Photo by CM Lovatt

March 1982 in Leigh Woods

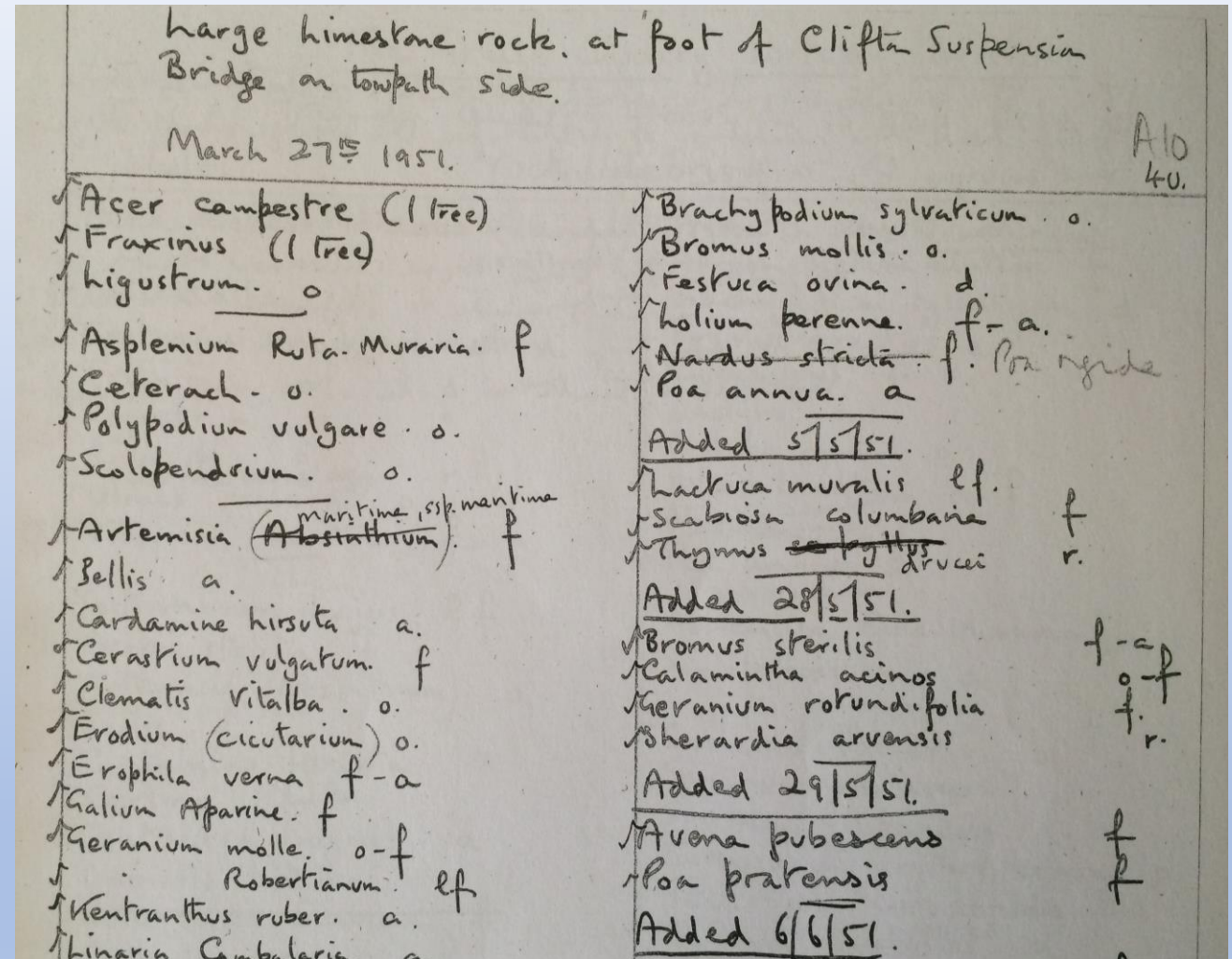


# GW Garlick and the flora of Leigh Woods

On Tuesday 27 March 1951, 70 years ago today, he began his work on the VC6 North Somerset side of the Avon Gorge.

Source: Folder of Avon Gorge survey sheets, Archives of the Bristol Naturalists' Society.

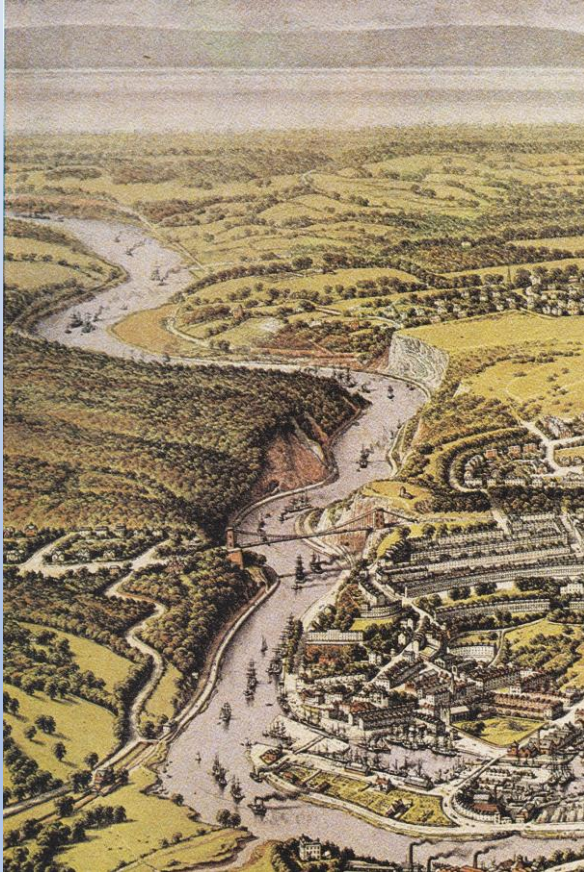
**Note some identification difficulties.** before the publication of Clapham Tutin & Warburg's *Flora of the British Isles* (1952), and Hubbard's *Grasses* (1954).



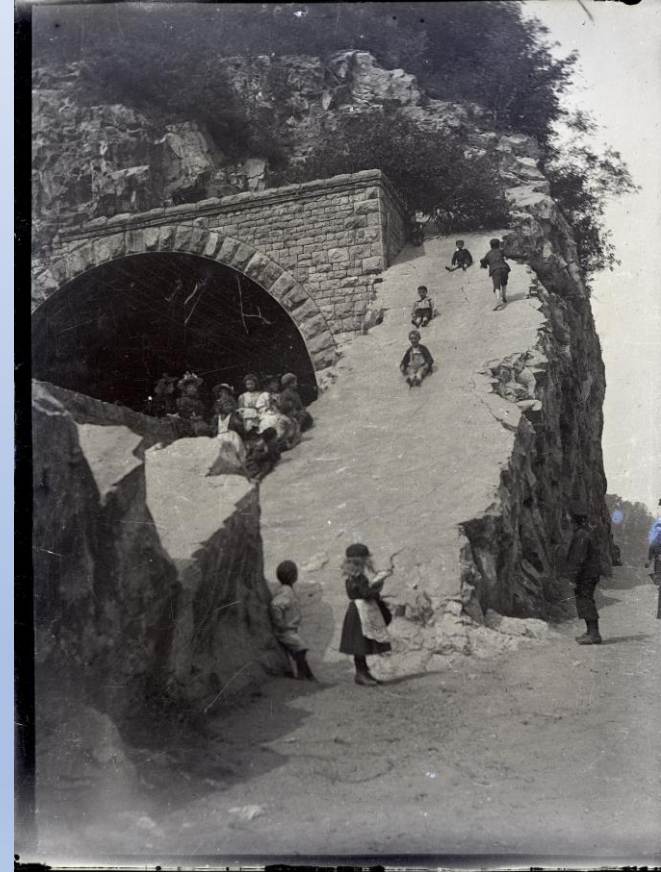
# GW Garlick and the flora of Leigh Woods

**Leigh Woods and the Avon Gorge in 1887.**

Source: Bristol Museum

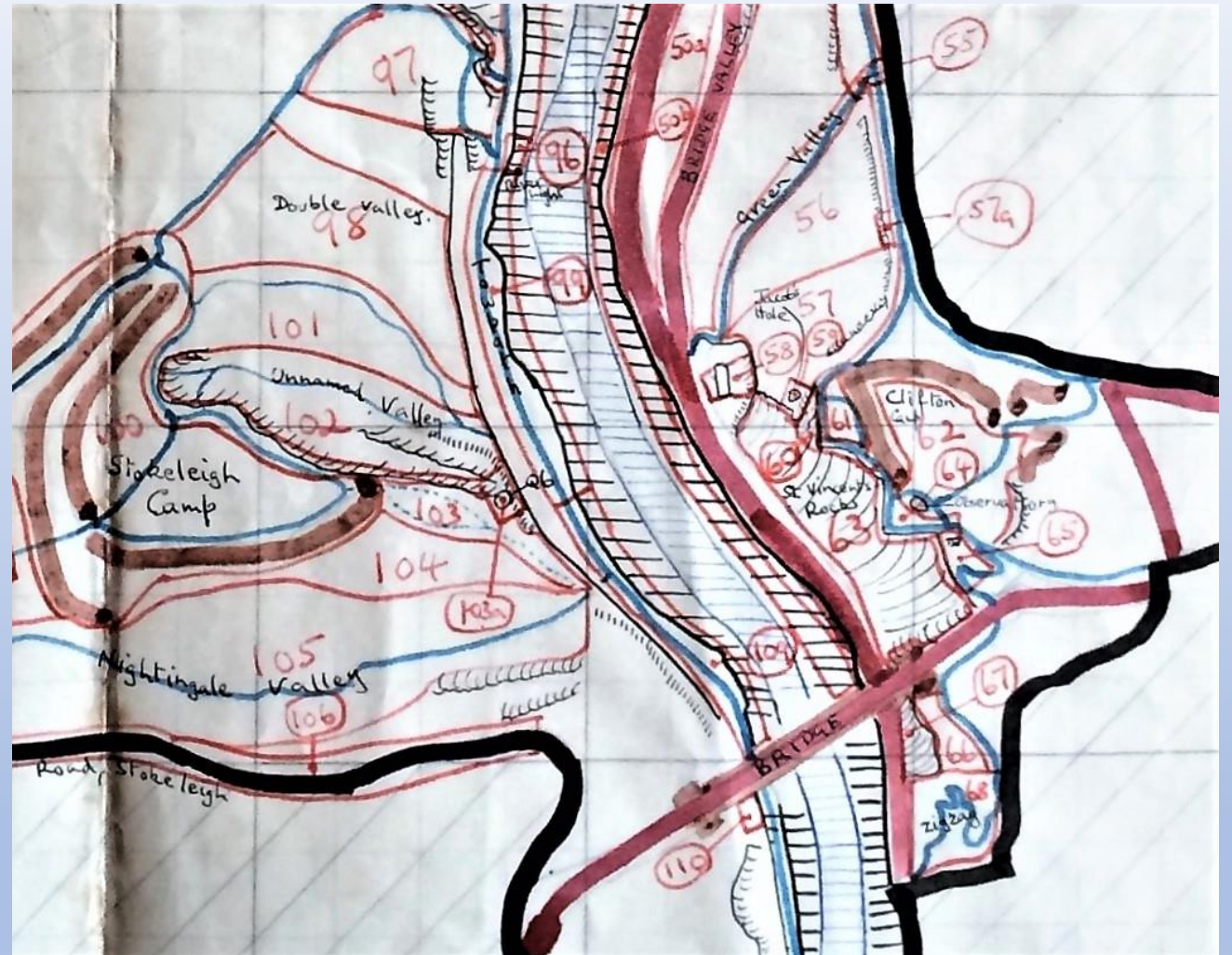


**Garlick's first survey area, one of the so-called Donkey Slides under Leigh Woods, this one below the Suspension Bridge.**



# GW Garlick and the flora of Leigh Woods

During 1951, Garlick went on to make **9,068 abundance records** mostly resolvable to at least 1km square resolution, with **572 different plants over 129 survey sites**, some of which are shown here.

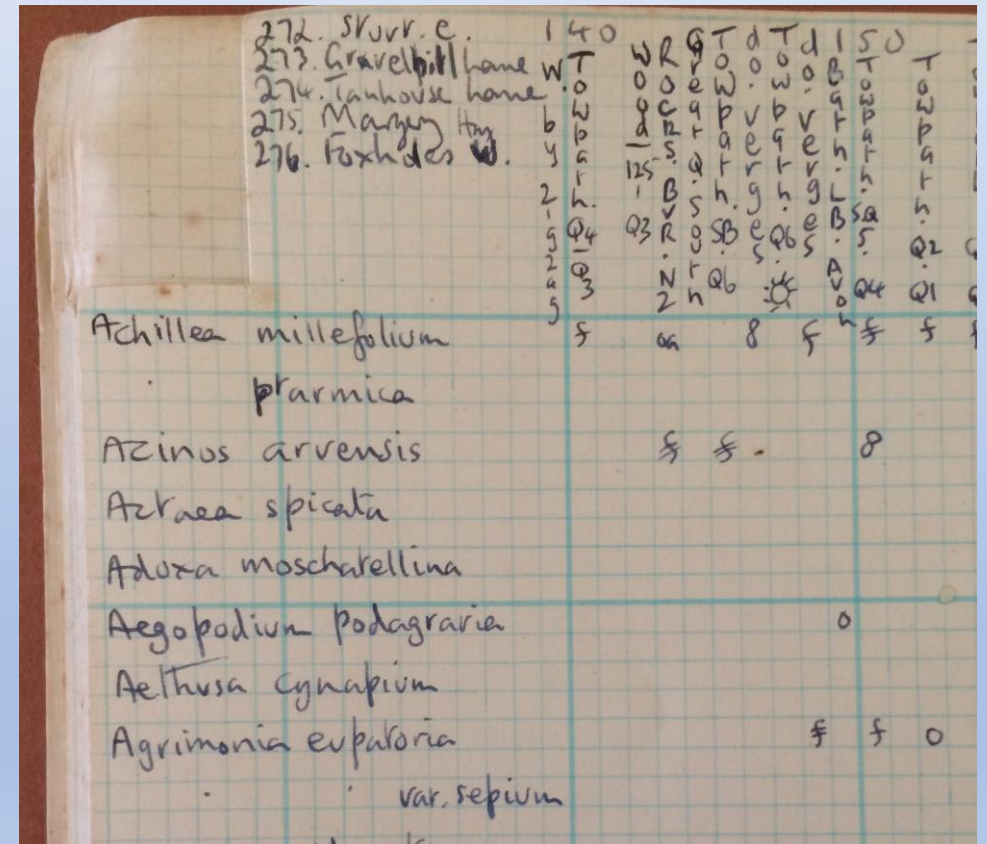


Source: Survey map given to CM Lovatt in 1979.

# GW Garlick and the flora of Leigh Woods

Covers of Garlick's 'graph books', which include surveys of other sites. Given to CM Lovatt in 1979.

The numbers do not match the Avon Gorge map and the books are difficult to use. The survey book is easy!



# GW Garlick and the flora of Leigh Woods

Garlick later completed three recording cards for ST57 for the first BSBI Atlas published in 1962. This is the one for the Leigh Woods side.

He was particularly pleased to discover Beech Fern in Leigh Woods, describing the 'lovely golden fronds which catch the wandering rays of sunshine'.

LOCALITY *Avon Gorge - Leigh Woods* SOUTH WEST  
*and Somerset bank of R. Avon.* Date *July 1961* V.C. No. *6*

HABITAT *Rocky woodland and quarries on limestone, and tidal banks of river* V.C. *North Somerset*  
*Does NOT include spp. already recorded for Leigh Woods.* Alt. *50/350* Code No. *13*

3	Acer	cam	176	Arum	mac	350	Carex	bia	528	Clema	vit	758	Eryng	mar	919	Halim	por	
5		pse	177		hog	355		car	530	Climo	vul	759	Eryst	che	952	Heder	hel	
7	Achil	mil	179	Asper	off	357		con	532	Cochl	ang	762	Euony	eur	955	Helia	cha	
9		pta	182	Asper	cyn	366		distans	533	dan	763	Eupat	can	961	Helic	pra		
12	Acino	arv	183		oda	367		disticha	535	off	764	Eupho	amy	962		pub		
15	Acoru	cal	185	Asple	adi	368		divisa	537	Coelo	vir	771	exi	964	Helle	vir		
19	Adoxa	mos	189		mar	369		divisa	538	Colch	aut	772	hel	965	Helix	sol		
20	Aegop	pod	192		rut	370		ech	540	Comu	mac	774	lat	968	Herac	sph		
2241	Aescu	hip	194		tri	374		ext	541	Conop	maj	775	par	975	Hespe	mat		
21	Aethu	cyn	204	Aster	tri	376		flacca	543	Conva	ma	777	peplus	976	Hiera	pil		
22	Agrim	eup	211	Athyr	fil	377		flava	544	Conva	rov	779	pla	978	Himan	hir		
23		odo	212	Atrip	gla	381		hir	548	Cornu	san	780	por	979	Hippo	com		
26	Agrop	can	214		has	385		lae	551	Coron	did	2243	Euphr	agg	981	Hippo	vul	
28		juu	217		lit	387		lep	552	squ	783	aug	983	Holch	lan			
32		pm	218		pat	393		nig	555	Coryd	cla	796	nuc	984		moi		
33		rep	216		sab	397		ova	557	Coryl	ave	798	nem	988	Honke	pep		
34	Agros	git	219	Atrop	bcl	398		pai	565	Cranb	mar	801	pse	992	Horde	mur		
35	Agros	can	220	Avena	fat	399		pal	569	Crata	mon	809	Fagop	esc	993		soo	
36		gig	222		str	400		panicula	570	oxy	810	Pagus	syl	996	Humul	lup		
38		set	224	Balde	ran	401		panicula	571	Crepi	bie	813	Pestu	aru	999	Hydro	vul	
39		sto	225	Helle	nig	404		pen	572	cap	816	gig	1002	Hyose	nig			
40		ten	228	Barba	ver	405		pil	573	foe	821	ovi	1003	Hypoc	mid			
41	Aira	car	229		vul	406		pol	575	nic	823	pra	1004	cal				
42		pra	231	Belli	per	407		pse	577	set	824	*rub	1006	dub				
46	Ajuga	rep	232	Berbe	vul	408		pui	578	tar	830	Filag	ger	1008	elo			
51	Aiche	gla	234	Berul	ere	412		rona	579	Crith	mar	831	min	1010	hirsutum			
57		ves	235	Heta	mac	413		rip	592	Cymba	mur	832	spa	1011	hum			
58		*vul	240	Betul	pub	414		ros	596	Cynog	off	833	Filip	ulm	1014	per		
60		xan	239		ser	419		ser	597	Cynos	cri	834	vul	1015	pul			
62	Alism	lan	241	Biden	cer	420		str	607	Dacty	glo	835	Foeni	vul	1016	tet		
63		pla	242		tri	421		syl	617	Daphn	lau	836	Praga	ana	1018	Hypoc	gla	
64	Allia	pet	243	Blech	por	424		ves	620	Daucu	car	838	ves	1020	rad			
75	Alliu	urs	244	Blech	sp	425		vulpina	621	gin	839	Prang	aln	1022	Iberi	ana		
76		vin	247	Borag	off	427		Carli	vul	625	Denta	bul	840	Frank	lae	1023	Ilex	agu

FOLD HERE

1249	his	1436	Paris	qua	1620	Pucci	dis	1804	tri	2007	Stein	ais	2172	mon			
FOLD HERE																	
1250		lup	1440	Pasti	sat	1621		fas	1805		vinn	2008		ape	2173		off
1252		sat	1441	Pedic	pal	1622		mar	1806	Salvo	kal	2009		gra	2175		per
1256	Melam	pra	1442		syl	1624		rup	1809	Salvi	hor	2010		hol	2176		pol
1258	Melan	alb	1443	Penta	sem	1625	Salic	dis	1814	Sambu	ebu	2011		*med	2179		scu
1261		noc	1444	Pepli	por	1628	Pulmo	off	1815		nig	2012		med	2180		scr
1259		rub	1446	Petas	tra	1633	Pyrus	com	1817	Samol	val	2019	Suned	mar	2184	Vibur	lau
1263	Melic	uni	1447		hyb	1638	Querc	pet	1819	Sanic	cur	2021	Succi	pra	2185		opu
1264	Melil	alb	1449	Petro	cri	1640		rob	1821	Sapon	off	2022	Symph	rov	2186	Vicia	ang
1265		alt	1450		seg	1641	Radio	lin	1822	Sarot	sco	2024	Symph	off	2189		cri
1267		off	1454	Phala	aru	1642	Kanun	acr	1830	Saxif	gra	2027		per	2191		hir
1268	Melis	off	1455		can	1643		aqu	1843		tri	2032	Tamus	com	2197		sat
1269	Melit	mel	1459	Phleu	are	1644		arv	1846	Scabi	col	2033	Tanac	vul	2198		sep
1272	Menth	agr	1461		nod	1645		aur	1847	Scand	pec	2034	Tarax	agg	2199		lys
1273		arv	1463		pra	1646		bau	1851	Schoe	lac	2036	*lae	2201		tenuis	
1280		pul	1465	Phrag	com	1647		bul	1852		tab	2035	*off	2202		tet	
1289	Menya	tri	1466	Phyll	sco	1648		cir	1850	Scirp	mar	2037	*pal	2204	Vinca	maj	
1290	Mercu	ann	1469	Phyte	ton	1649		fic	1861		syl	2038	*spe	2205		min	
1291		per	1471	Pieri	ech	1651	flammula		1862	Scler	ann	2039	Taxus	bac	2206	Viola	arv
1293	Mespi	ger	1472		hie	1653		hed	1865	Scrop	agu	2041	Teesd	nud	2207		can
1296	Mihu	eff	1475	Pimpi	maj	1654		len	1867		nod	2045	Tenur	sco	2210		hir
1298	Mianul	gut	1476		sax	1659		par	1868		sco	2046	scorod		2211		lac
1305	Moehr	tri	1484	Pinus	syl	1660		rep	1872	Soute	gal	2048	Tan	ia	2214		odo
1306	Moenc	ere	1485	Plant	cor	1662		sar	1874	Sedum	acr	2058	Thlas	arv	2217		rei
1307	Molin	cae	1487		lan	1663		sce	1875		alb	2060	Thymu	dru	2218		tri
1310	Monot	*hyp	1488		maj	1664		tri	1876		ang	2061		pul	2220		riv
1312	Monti	*fon	1489		mar	1666	Rapha	mar	1877		ang	2061		cor	2223	Viscu	alb
1315	Myceol	mur	1490		med	1667		rap	1879		for	2063	Tilia	cor	2226	Vulpi	bro
1317	Myoso	arv	1492	Plata	bif	1672	Resed	lut	1881		ref	2064	pla	2226	Vulpi	bro	
1319		cae	1493		chl	1673	Juteola		1885		tel	2065	vul	2228		myu	
1321		dis	1495	Poa	ann	1675	Chama	ret	1890	Sempe	tec	2068	Toril	arv	2230	Wahle	hed
1320		his	1499		com	1678	Rhina	min	1891	Senec	agu	2069	jap	2237	Zanni	pal	
1322		pal	1504		nem	1687	Rhodo	pon	1892		cin	2070	nod	263	Zerna	ere	
1323		sec	1506		pra	1689	Rhyuc	mon	1896		eru	2074	Trago	pra	272		ram
1326	Myoso	agu	1507		tri												

Other Species

Sorbu ari \*  
 bri \*  
 int \*  
 Carex olin  
 Thely phe R

Aster tri var dis  
 Eradi cic ssp cic. \*  
 Genti ama ssp ama \*  
 Impat cap.  
 Polyg odo.

Sedum das  
 Solid Can  
 Camb.   
 Recd.   
 Referee   
 NYS

Reg. Off. Distribution Maps  
 Recd.   
 Comp. Scheme June 1954  
 Date

# GW Garlick and the flora of Leigh Woods

17 November 1956: Garlick reports to Noel Sandwith about his work on Hawkweeds and Whitebeams.

In Quarry 3, four species 'rub shoulders together', he wrote. There was a fifth!

17/11/56  
147, Melrose Avenue,  
Gate,  
Nr. Bristol.

Dear Mr. Sandwith,

My Hawkweed samples were  
sent from Messrs. Sell & West today and I  
have the Sorbi for Dr. Warburg at least. So now,  
I can close my botanical year 1956 by sending on to  
you these few cards.

The cards for the Sorbi are  
made out as 'Leigh Woods': the precise localities  
are: S. eminent at the locality you gave above  
the tunnel.

and in Quarry 3 (that is, as usual, the fourth  
downstream from the Bridge) S. eminent, S. porrigentiiformis,  
S. bristolensis and S. arca rub shoulders together  
on a small rock slope. This must be unusual for  
any Sorbus county, however good.

Mr. Nethercott (he is a member of B.N.S.  
whom I know by sight but never before by name) has  
also submitted samples of S. porrigentiiformis and  
S. eminent from the GWS side for Dr. Warburg's  
approval + had them passed.

Yours very sincerely  
G Garlick





# GW Garlick and the flora of Leigh Woods

**George Garlick demonstrating bryophytes  
to a BNS member in Leigh Woods, March  
1982**

**Thank You**



Yours sincerely,

*George Garlick*