

Appendix

Appendix I – additional photographs

Appendix II - Staffordshire records for *Chalcosyrphus eunotus*

Appendix I – additional photographs



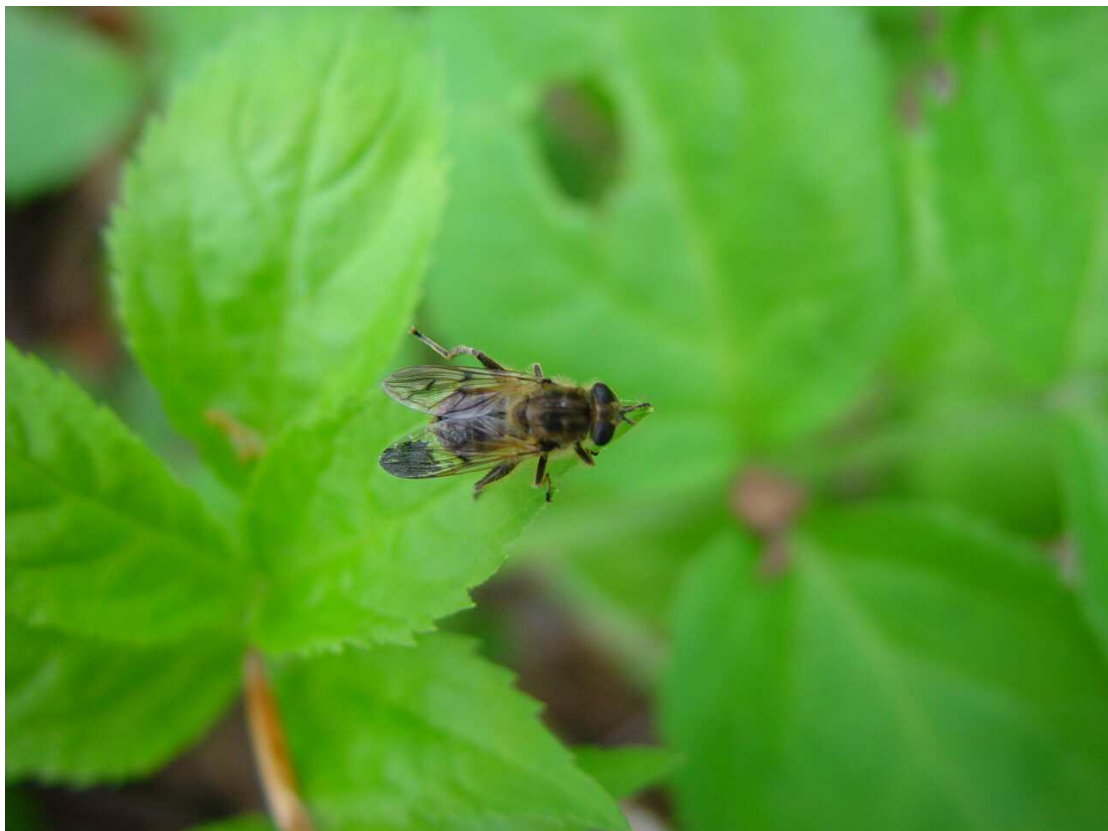
Birch log: *Chalcosyrphus nemorum* larvae was excavated from this log on the Sher Brook, Cannock Chase



Marking a fly wing with permanent marker



A recovering fly after marking



A female *C.eunotus*: Females were marked on the right wing and males on the left wing for ease of field identification



Old Brook (Cannock Chase): A braided channel with ample semi-saturated wood



Harston wood (North East Staffordshire): A recent addition (2009) to known *C.eunotus* sites. This is part of a complex of wooded valleys



Shropshire Brook (Cannock Chase): A manmade woody debris dam has been created to initiate natural processes of litter accumulation to increase stream quality. This has been done at numerous locations along this and other Cannock Chase streams

Appendix II – Staffordshire records for *Chalcosyrphus eunotus*

Date	Grid Ref(s)	Location	#	Habitat	Determiner
May-04	SK 05970 45510	Cotton Dell NR	1 individual	In channel CWD / log jam	Andy Godfrey
18/05/2006	SJ 99961856	Sher Brook, Cannock Chase	1 Count of Adult Female	CWD (birch dominated)	Andy Jukes
18/05/2006	SJ 99961856	Sher Brook, Cannock Chase	4 Count of Adult Male	CWD	Andy Jukes
18/05/2006	SK 0026419434	Old Brook, Cannock Chase	4m, 1f	CWD (alder dominated)	Andy Jukes
30/05/2006	SJ 99961856	Sher Brook, Cannock Chase	3 Count of Adult Male	CWD (birch dominated)	Andy Jukes
31/05/2006	SJ 986187	Sher Brook, Cannock Chase	Present Count of Adult Male	CWD	Andy Jukes
07/05/2008	SK 00531 19832	Upper Old Brook	2 males	Seepage / CWD	Andy Jukes
14/05/2008	SJ 91650 34910	Cotwalton Drumble	4+ males	In channel CWD 4 locations	Nick Mott
20/05/2008	SO 81810 82320	Stour Trib. Nr. Kingsford	1 male	CWD in channel	Nick Mott
04/06/2008	SJ 89940 36542	Downs Banks SSSI	1 male	Log Jam	Nick Mott
23/04/2009	SK 02510 19380	Stafford Brook SSSI	1 male	CWD / Log Jam 3 locations	Nick Mott
23/04/2009	SK 02380 19460	Stafford Brook SSSI	1 male	CWD	Nick Mott
23/04/2009	SK 02400 19130	Stafford Brook SSSI	1-2 males	CWD / Debris dam	Nick Mott
08/05/2009	SK 032478	Harston Wood	2 males	CWD (oak/ash dominated)	Andy Jukes
25/05/2009	SK 12920 44600	Dydon Wood	1 male	Log jam	Nick Mott
27/05/2009	SK 12920 44600	Dydon Wood	1 male	Log Jam	Nick Mott
28/05/2009	SJ 91650 34910	Cotwalton Drumble	4-5 males + 1 poss female	In channel CWD 4 locations	Nick Mott
28/05/2009	SJ 91770 34910	Cotwalton Drumble	1 male	In channel CWD	Nick Mott
28/05/2009	SJ 92220 34660	Cotwalton Drumble	1 male	In channel CWD	Nick Mott
28/05/2009	SJ 92250 34620	Cotwalton Drumble	1-2 males	In channel CWD	Nick Mott
29/05/2009	SK 04060 38230	Broadgatehall Drumble	1-2 males	In channel CWD	Nick Mott
01/06/2009	SK 05707 14080	Shropshire Brook	1 male	CWD Denuded stretch	Nick Mott
04/06/2009	SK 00806 20622	Lower Old Brook	1 male	Log Jam created in February'08	Nick Mott
00/05/2008	SJ 986187	Sher Brook, Cannock Chase	5+ individuals	CWD (birch dominated)	Andy Jukes
29/04/2009- 12-05-09	SK 023194	Stafford Brook SSSI	5+ males 3+females	CWD, LWD, log jams(birch, alder and willow)	Andy Jukes
2009	SK 002194	Old Brook, Cannock Chase	2+males, 2+females	CWD, alder) braided channel at northern end with seepage lines	Andy Jukes