

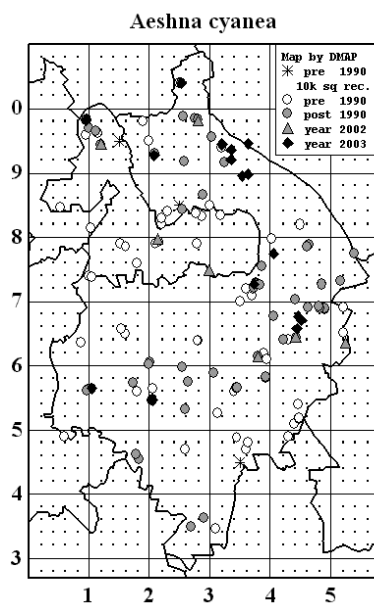
# Warwickshire Dragonfly Group

## Atlas Project

### Recording Information Sheet

An atlas of the distribution of dragonflies and damselflies of Warwickshire is in the process of development. It is published on the Web as part of the Warwickshire Dragonfly Group web site. The web address is: [www.reeve60.uklinux.net/wdg/](http://www.reeve60.uklinux.net/wdg/).

The Atlas is only as good as the records it is based on. The records used in assembling the Atlas are those that were supplied to the Institute of Terrestrial Ecology for the *Atlas of the dragonflies of Britain and Ireland* (up to about 1990) and records that have been supplied to the Warwickshire Museum and Peter Reeve for the period 1990 to the present. The records are entered into a computer data base especially designed for recording dragonflies, the British Dragonfly Society's Darter package. Distribution maps, such as that shown for the Southern Hawker *Aeshna cyanea*, are easily generated from the Darter data base using the mapping package DMAP.



More records are required for Warwickshire. As can be seen from this map of a common species (produced to 100 metre detail) coverage of the county is incomplete. If you have records for 1990 to the present please send them to Peter Reeve. Also, please make a point of recording what you see on future outings.

When sending in records of dragonflies please try and supply them in the following form and with as much of the information requested as is possible. It makes records much more valuable and, importantly, easy to enter into the Darter database program. However, do not be inhibited from sending in records even if all the following information cannot be supplied.

Please supply your records in the following form:

1. *Group all the records for a particular site together (\*)*. Do not group your records by other criteria, e.g. species.
2. *Give a location name marked on the OS map (\*)*. It can be qualified with a local name if necessary.
3. *Give a national grid reference for the site (\*)*. At least a 6-figure (\*) reference please, 8-figure references welcome too.
4. On a large site try to give a grid reference for different sub-sites. For example, Kingsbury Water Park is about 3 km in extent and significant variations in fauna can be expected across the site.

5. Give the date and group the records for a particular date together (\*). That is, do not put down the species names for a site followed by a list of dates.
6. List the species seen (\*). Either English or scientific names are okay.
7. Try to estimate numbers. For guidance, Darter allocates numbers as follows: A-1, B-2 to 5, C-6 to 20, D-21 to 100, E-100 to 500, F-500+. Remember it is an estimate.
8. Try to give information on activity and life cycle together with numbers. That is: Adult (Ad), Copulating Pairs (Co), Ovipositing (Ov), Larva (La), Exuvia (Ex), Pre-flight Emergent (Em). This information is very important in assessing the likelihood of breeding at a site.
9. Whenever possible collect exuvia (the larval skin the adult emerges from) being careful to keep a record of when and where collected. Do not worry if you cannot identify them, they can be passed on to someone more expert.

Note, that items in *italics* and marked (\*) must be supplied but please try and give the information requested in 7 and 8 too. The records can be sent in any medium, the important thing is that the requested data are supplied and arranged as defined. A special Warwickshire Odonata Record Form is available. It is based on that for Herefordshire produced by Christine Shepperson. Copies of a filled example and a blank are attached. For hand written records please try and make copies of and use the form; it encourages the records to be presented in a way that is very easy to enter into Darter. Note that on the example form a line has been drawn through the species seen. This is a help when extracting data from the card. They should be posted to the address below. For records supplied via electronic methods (e.g. emails, word processors, data base programme reports, etc.) use of the form is inconvenient. The important thing is to supply and layout the data as defined above.

Remember, by supplying your records in the way requested they can be rapidly entered into the data base and be used to update the Warwickshire Atlas quickly.

Send records to:

Peter Reeve, WDG co-ordinator,  
The Outspan  
Leamington Hastings  
Near Rugby  
Warwickshire CV23 8DZ  
Tel: 01926-632400

Or email to:

[peter@reeve60.uklinux.net](mailto:peter@reeve60.uklinux.net)

1<sup>st</sup> May 2004

ODONATA RECORD FORM		LOCALITY						SOURCE OF RECORD*			GRID REFERENCE																					
VICE COUNTY NAME <b>Warwickshire</b>		<b>Alvecote Pooley Fields</b>						Field Record			4		3		2		5		4		0		4		1							
DATE								ALTITUDE (metre)			7 0			Museum Record			VICE COUNTY NUMBER						3		8		CARD COMPILER					
1 0 0 6 2 0 0 2														Literature Record			RECORDER(S)						Peter Reeve									
								Other Source			The Outspan																					
								*Underline as appropriate			Leamington Hastings																					
											Rugby CV23 8DZ																					
											01926-632400																					
ZYGOPTERA							Ad	Co	Ov	La	Ex	Em	ANISOPTERA						Ad	Co	Ov	La	Ex	Em	KEY TO COLUMN HEADINGS:							
Beautiful Demoiselle													Hairy Dragonfly						C	B	A					Ad = ADULT						
<del>Banded Demoiselle</del>							B						Common Hawker													Co = COPULATING PAIR						
Emerald Damselfly													Migrant Hawker													Ov = OVIPOSITING Female						
<del>White-legged Damselfly</del>							X						Southern Hawker													La = LARVA						
Large Red Damselfly													Brown Hawker													Ex = EXUVIA						
<del>Azure Damselfly</del>							D	C	C				<del>Emperor Dragonfly</del>						A							Em = PRE-FLIGHT EMEGENT						
Common Blue Damselfly													Club-tailed Dragonfly																			
<del>Blue-tailed Damselfly</del>							E	D	C				<del>Four-spotted Chaser</del>						D	B				B		ESITMATED NUMBERS:						
<del>Red-eyed Damselfly</del>							D	C	C		B		<del>Broad-bodied Chaser</del>						B							A = 1						
													Black-tailed Skimmer													B = 2-5						
													Common Darter													C = 6-20						
													Ruddy Darter													D = 21-100						
													Black Darter													E = 101-500						
																										F = 500+						
																										If no estimate available, enter 'X'						

PUT ANY NOTES/SKETCH MAP/HABITAT/WEATHER DETAILS etc. ON THE BACK.

USE BLANK SPACES FOR OTHER SPECIES.

<b>ODONATA RECORD FORM</b>		<b>LOCALITY</b>						<b>SOURCE OF RECORD*</b>			<b>GRID REFERENCE</b>																				
<b>VICE COUNTY NAME</b>								Field Record			<b>VICE COUNTY NUMBER</b>						<b>3 8</b>		<b>RECORDER(S)</b>						<b>CARD COMPILER</b>						
<b>Warwickshire</b>								Museum Record																							Literature Record
<b>DATE</b>								Other Source																							
		<b>ALTITUDE (metre)</b>			*Underline as appropriate																										
<b>ZYGOPTERA</b>		<b>Ad</b>	<b>Co</b>	<b>Ov</b>	<b>La</b>	<b>Ex</b>	<b>Em</b>	<b>ANISOPTERA</b>						<b>Ad</b>	<b>Co</b>	<b>Ov</b>	<b>La</b>	<b>Ex</b>	<b>Em</b>	<b>KEY TO COLUMN HEADINGS:</b> Ad = ADULT Co = COPULATING PAIR Ov = OVIPOSITING Female La = LARVA Ex = EXUVIA Em = PRE-FLIGHT EMEGENT  <b>ESITMATED NUMBERS:</b> A = 1 B = 2-5 C = 6-20 D = 21-100 E = 101-500 F = 500+ If no estimate available, enter 'X'											
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