



Skimmer

Yorkshire Branch Magazine 2007

yorkshire branch
of The British Dragonfly Society

www.yorkshiredragonflies.org.uk

Next indoor meeting

Discovery Centre, The Armouries, Clarence Docks, Leeds:

Saturday 3rd November at 2pm 2007

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Winning picture of the Cliffe Castle 'Paint a Dragonfly' Competition September 2006 Joseph Hinds – won a copy of The Field Guide to Dragonflies and Damselflies by Steve Brooks, a wooden dragonfly model kit and a year's subscription to the Yorkshire Branch of the BDS, second and third prizes are the dragonfly model plus a year's subscription to the Yorkshire Branch of the BDS.

Notes from the Chair

I'd like to start with a couple of thank you's. Firstly to the Treasurer and Secretary for all their hard work throughout the year. Secondly I would like to thank all the Recorders for processing the records. We received over 2500 records last year with several hundred more to come. If you haven't sent yours in, please can you let us have them as soon as possible.

I must also thank all those who attended our field trips last year. It makes such a difference when we can get ten or more members together at a site and I really hope the trend continues with the trips planned for the coming year. We've got Rodley Nature Reserve lined up again after last years only abandonment and this time it's been arranged to coincide with National Dragonfly Week and, hopefully, better weather. There is also a chance to see a couple of Yorkshire's rarest dragonflies, with a trip to Campsall Common to find Hairy Dragonfly in late May and Oak Road Lake, Hull to find our newest species, Small Red-eyed Damselfly in mid August. If you are unable to attend a field trip and know someone who might, please pass on the details, as we may be able to increase our membership. If anyone wants to attend any of the meetings or events, but requires a lift, please contact me on 01535 678334 and I'll try to arrange for someone to pick you up.

Finally I must thank David Miller again for producing our new members leaflets. Look out for them at your nearest Tourist Information Centre or tourist attraction. He has also updated the Branch's display board, which will really help to promote the Branch and attract new members. Come and see it at the AES/RES Exhibition at York Racecourse in April. If anyone wants it for any other event, please let me know.

I hope to see you all throughout the coming year and would especially like everyone to try and attend the AGM in November.

Tom Hubball

Membership

Just a little reminder to say if you haven't renewed your Branch Membership, please can you do so urgently as membership actually runs from January to December. If you have renewed, please can you try and persuade a friend to join as well.

I must also point out that once again the membership fee has remained at £3. This covers the cost of production and delivery of Skimmer, the cost of the website and ancillary costs of Branch meetings.

The Committee provide their time and services free of charge and run this Branch for the benefit of it's members. Please show your support and come to one of the Field Trips or Branch Meetings, alternatively you could provide an article for the website or Skimmer even if it's just a comment of dragonfly behaviour or an id tip.

If there is something which you think we could do better or you want a Field Trip to be arranged to visit your local patch, please let us know.

March Indoor Meeting - 2007

Attendees - TH, DM, SW, Fiona Plane, Richard Perham, Helen Dinsdale, Keith Gittens, Jill & Brian Lucas

1. Apologies for absence

Christine & Howard Frost, Paul Ashton, Colin Slator and Peter Mill (manning the BDS and Rodley stands at Leeds Philosophical and Literacy Society Science Fair in The Light on Headrow)

2. Minutes from last meeting

Read and approved

3. Membership Report

DM reported membership; Life members stands at 23 (two more than 2006), Annual members at fourteen awaiting further fourteen renewals from 2006.

4. Treasurer's Report

Account stands at £343.17, however a further £120 will go printing 500 flyers. Any member wishing to see the accounts should contact SW.

5. Skimmer Articles

DM reported that he had only received a small number of articles from Jill and Tom, as well as first and last dates - no further contributions were made.

6. Records

Roughly 2500 received so far for 2006 but still awaiting a few for VC64/65 from HDNS and vc61-65 from YNU. TH is still waiting for old records from David Clarke and Peter Mill so he can get the Yorkshire database up and running.

7. AES/RES Meeting, York

Note for the diary Saturday, 14th April, York Racecourse - 10.30am to 16.30pm £3.

Good day out to catch up with friends and buy equipment, books etc for the coming year. We will also have a stand there and would appreciate any time from members to man the stand.

8. Flyers for distribution

The new flyers designed by DM were handed out for distribution around the county -thanks to JL, HD, SW and KG.

9. Website redesign progress

DM displayed printouts on the wall of how the website will look and explained the ideas behind it and stated that the site would be updated in the near future.

10. 2007 Field Trips

Please note: All field trips require you to bring lunch and wear strong footwear.

Saturday 26th May 2007*

Campsall Country Park Grid Ref: SE550139

To search for adults and exuviae of Hairy Dragonfly *Brachytron pratense*.

Meet in the car park at 10.00am. Campsall CP is situated north of Doncaster. Turn off the A19 and head towards Norton. We will be collecting exuviae so bring a long cane, net, etc. and something to put the collected exuviae in. ...black film canisters or similar.

Sunday, 3rd June

Dragonfly Fun - Letchmire Pastures - 14.00pm - 16.00pm (**NB afternoon only**)

Follow the A63 east towards Selby. After you have gone straight over the M1 (junction 46), follow on to

the next roundabout and turn right onto the A642 towards Wakefield. Take the first turning to the right (it's just after the brow of a hill so be careful not to miss it!) onto Whitehouse Lane. Taking the first proper turning to the left will take you onto Berry Lane, which quickly becomes Station Road. Carry on along Whitehouse Lane (it changes identity a number of times along the way - to Preston Lane, to Leeds Road and finally, confusingly, to Station Road!) until you come out of the far side of Allerton Bywater. You will see the Millenium Village to your left (a big new development) and then a row of terraced houses with a bus shelter, again to your left. Just after this, as the road turns to the right, there is a small turn-off to the right, where you can park a car and walk straight into Letchmire Pastures.

National Dragonfly Week 16th – 24th June

Sunday 24th June 2007

Rodley ponds and ND Martson, Baildon.

Meet at the car park 10.00am. This reserve is four miles west of Leeds and is reached by crossing the Leeds and Liverpool Canal close to the A657 at Rodley. This has been timed to coincide with the end of National Dragonfly Week.

Saturday 14th July 2007*

Farnham Gravel Pit, Knaresborough. Grid Ref: SE353597

Meet at the car park 10.00am. This site is usually restricted to members of Harrogate and District Naturalists Society. Seventeen species of odonata have been recorded on the site. Meet one mile north of Knaresborough off Farnham Lane. There is a car park approx 300m beyond the 'locked' gate. June Atkinson or Ken & Pat Limb have a key.

Sunday 19th August 2007

Oak Road Lake, Hull. Grid Ref: TA092322

Meet at the car park 10.00am. Drive down Beresford Avenue from Beverley Road (A1079) to playing field car park. Head NW across short then long grass to lake. Look in NW corner between the fishing platforms. We will also be visiting another site in the afternoon. Location to be decided later.

Saturday 1st September 2007

Timble Ings. Grid Ref: SE165529

Meet at the car park 10.00am. to see late season Hawkers and Darters. Meet at Swinsty Reservoir Car Park Grid Ref: SE187538, off A59 Harrogate-Skipton road, where we will car share to Timble Ings as parking is limited there.

Pocklington Canal Trip

A number of members expressed an interest in attending another trip on the Pocklington Canal Narrowboat society trip again. DM can now confirm that this is no longer viable due to work on the Canal by British Waterways on one of the locks which is going to take some months to complete due to it being an SSSI site.

11. BDS News

Caroline Daguet has decided to emigrate to Canada in early May. Her job as Conservation Officer is therefore being advertised (it's funded for two years).

Peter Mill has also said that members will have now had volume 22(2) of the Journal and hopefully will appreciate the use of colour. He's been extremely busy getting two issues off back to back and wants you to know that issue 23(1) will be on time and out with the Spring mailing.

Peter will be attending both the DCG and BDS Trustees meetings later this month so if anyone has anything that needs to be brought up at either of those please let him know.

12. Atlas Update

Peter Mill is currently involved with the Journal so plans for the West Yorkshire Atlas have been temporarily put on hold.

13. Next Meeting

The AGM will be held at the Discovery Centre, The Armouries, Clarence Docks, Leeds, November 3rd 2007, 2pm, however, if members wish to go earlier to view the extensive and newly housed collection of Odonata they are welcome. The only charge will be £1 for refreshments.

14. AOB

YNU are hosting a Recorders Conference on Sunday 29th April at St George Hotel, 1 Ripon Road, Harrogate to discuss the recording issues. A cold lunch will be provided. This meeting is by invite only as spaces are limited. TH will provide an update at the AGM.

SW mentioned that in the Spring BTO magazine was a newly released DVD of The Dragonflies of Great Britain and Ireland. It covers 42 species and costs £19.99 from Birdguides. TH can now confirm that this is a copy of the original video produced by Birdguides which is now being sold by them for £5.00.

14th July, ND Marstons will be open to the public. For further details please contact SW.

showed some print outs, taken by Brian, of Common Darter *Sympetrum striolatum* eggs in both dirty and clean water, illustrating the egg colour discolouration depending on where the eggs are laid. Many thanks go to David Sheldon at Cliffe Castle, Keighley for allowing us to host the indoor meeting at the museum and thanks also to TH for organising the refreshments (again!).

First and last Odonata sightings - 2006

Species	First	Location	last	Location
<i>C. splendens</i>	29 May	Milby Island	23 Jul	Sharrow Mires
<i>C. virgo</i>	11 Jul	River Hertford	11 Jul	River Hertford
<i>P. nymphula</i>	29 Apr	Top Hill Low	30 Jul	Spruce Bank Ponds
<i>C. puella</i>	6 May	Top Hill Low	25 Aug	Lake Grmire
<i>I. elegans</i>	3 May	Paull Holme Strays	21 Sep	Bransholme Fishing Ponds
<i>E. cyathigerum</i>	9 May	Top Hill Low, N. Pond	1 Oct	Farnley Gravel Pit
<i>L. quadrimaculata</i>	3 May	Paull Holm Strays	19 Aug	Top Hill Low
<i>L. depressa</i>	2 Jun	Foredyke Pond	29 Sep	Staveley N R
<i>S. striolatum</i>	10 Jun	Top Hill Low	15 Nov	Spurn N R
<i>S. sanguineum</i>	16 Jun	Filey Dams	30 Sep	Top Hill Low
<i>S. fonscolombii</i>	11 Jun	Filey Dams	29 Oct	Filey Dams, E Lea Pond
<i>S. danae</i>	4 Jul	Skipworth Common	11 Nov	Skipworth Common
<i>L. sponsa</i>	11 Jun	Top Hill Low	30 Sep	Top Hill Low
<i>A. grandis</i>	10 Jun	North Cave Wetlands	17 Sep	Farnley Gravel Pit
<i>A. mixta</i>	4 Jul	Farnley Gravel Pit	11 Nov	Top Hill Low
<i>A. juncea</i>	4 Jul	Farnley Gravel Pit	29 Oct	Farnley Gravel Pit
<i>A. cyanea</i>	11 Jun	Top Hill Low	29 Oct	Langton, Farm Pond
<i>A. imperator</i>	3 Jun	Top Hill Low	17 Sep	Spurn N R
<i>A. parthenope</i>	3 Jul	Farnley Gravel Pit	30 Jul	Farnley Gravel Pit
<i>O. cancellatum</i>	2 Jul	Spurn B O	10 Sep	N Cave Wetlands
<i>E. najas</i>	15 May	Top Hill Low	25 Jul	Pulfin & High Eske
<i>E. viridulum</i>	8 Aug	Oak Road Lake	31 Aug	Oak Road Lake
<i>O. coerulwescens</i>	17 Jul	Fen Bog	-	-

Some Japanese Names for Odonata

M Jill Lucas

Of all the folk names for dragonflies and damselflies worldwide, perhaps those from Japan are the most apt and descriptive. Some are derived from the appearance of the insect: its colour or anatomy, others from their origins in the myths and legends of the country and yet others from their attributes.

Amongst those whose names refer to their colour are the Mugiwara-tombo or the Barley-straw Dragon-fly and the Wheat-straw Dragon-fly - Ko-mugi-tombo. The bodies are said to resemble the shape and colour of the grain straws.

A type of umbrella made with split bamboo and covered in thick oil-paper is a Karakasa. The Umbrella Dragon-fly's body both in form and colour is illustrative of the closed umbrella, hence the name Karakasa-tombo.

A preparation of fish preserved in salt is called Shiokara and because the tip of the insect's abdomen looks as though it has been dipped in salt, it has been given the names Shiokara-tombo or Shio-tombo - the Saltfish Dragonfly or Salt Dragon-fly.

Kane and O-haguro are the names for a tooth-staining infusion commonly and formerly used to blacken the teeth of married women. This has given rise to the names Kane-tsuke-tombo - Tooth-staining Dragon-fly, Haguro-tombo the Black-winged Dragon-fly and O-haguro-tombo - Honourable Tooth-blackening Dragon-fly. The wings of the insect are half black and look as though they have been partly dipped in ink. Another apt and equally picturesque name for the insect is Koya - The Dyer.

On certain occasions Japanese girls will tint their lips and cheeks with a kind of rouge called beni, hence Beni-tombo is the name given to a beautiful pink dragon-fly.

Kuro can indicate either black or dark in colour. Species which are deep red or deep purple are called Kuro-tombo - Black Dragon-fly. Several species have wings edged in black or dark red, hence the names Black-skirted or Black-hemmed Dragon-fly - Tsumaguro-tombo

In the mythology of both China and Japan, the Shojo is a creature that is neither human nor animal. It is stated to look like a stout boy with long, crimson hair. A marvellous dye, red in colour, could, so it was believed, be obtained from the hair. Hence a bright red dragonfly was called Shojo-tombo. In the literature of Japan, the Shojo was stated to be very fond of *saki* and in the art of the country was often depicted as dancing around a *saki* -vessel.

The Kuruma-yamma or Wagon Dragon-fly possibly derived its name from the disc-like appendages at the tip of its abdomen. Similarly the Lamp-wick Dragon-fly, which is a very small insect, gained its appellation, Tosumo-tombo, from its resemblance to the slender pith used in old Japanese lamps. Another very small insect is the Foot-measure Dragon-fly or Mono-sashi-tombo. The origin of the name is found in the Japanese foot measure which is narrow, made of bamboo and divided into ten sun or inches, these equating to the abdominal segments of the insects.

Bibliography

Lafcadio Hearn (1919) *A Japanese Miscellany*. Little, Brown & Co. Boston

Offer

The remaining copies of *Spinning Jenny and Devil's Darning Needle* by Jill Lucas are offered free (except for postage) to anyone helping on a BDS stall, County Wildlife Trust or local wildlife group. Proceeds to go to any of the above organisations and preferably to be spent on Odonata activities.

Review of the **Field Meetings - 2006**

Tom Hubball

May 20th Rodley NR, Tong Park and Denso Marsons, Baildon

Heavy persistent rain meant that this trip was a wash out and only Rodley Nature Reserve was visited. However despite the weather Steve Warrillow and Peter Mill miraculously did see some damselflies.

June 11th Ellington Banks

This was a joint trip with the High Batts Nature Reserve and Harrogate and District Naturalist Society members. Common Blue and Large Red Damselflies were much in evidence, however their combined numbers were equalled by Azure Damselflies. We saw the first Emperor dragonfly of the season, well for those attending anyway, as well as a healthy population of Four-spotted Chasers and some Broad-bodied Chasers. Blue-tailed Damselfly numbers were still surprisingly low given the fine weather. However it was a disappointing turnout for such a good site with only seven people turning up, three of whom were members of the Yorkshire Branch and two of these were also members of HDNS or HBNR.

June 25th Fairburn Ings

Twelve members turned up to have a guided tour around the RSPB reserve at Fairburn Ings (SE451277). Bruce Copley, honorary warden of the RSPB and member of the BDS Yorkshire branch introduced us to Paul Brothers, a RSPB volunteer who was to lead us, with his friend, around some of the least visited parts of the reserve, which are normally not open to public access.

We started out along the boardwalk, close to the main building and slowly worked our way slowly around to other parts of the reserve.

We noted that although Large Red damselfly numbers had started to drop, the Blue-tailed damselflies were increasing. We found several Emerald damselflies in the long grass as well as a couple of Black-tailed Skimmers, which were using the more exposed areas of a nearby embankment to bask on. There were still some Azure damselflies about but these were now outnumbered by the ubiquitous Common Blue damselflies. Paul pointed out a couple of Common Darters, one of which was a freshly emerged teneral, as well as several Four-spotted Chasers, a female of which was ovipositing in one of the many pools on the reserve.

Unfortunately although we were hopeful of seeing the first Emperor dragonflies of the year at the Reserve, we were unable to locate any on the day.

It was a most pleasing and informative visit around one of the largest reserves in the Aire valley and we thank the RSPB for allowing us access.

July 16th Pocklington Canal

Fifteen attended this trip, including four British Waterway's staff. The weather was once again kind and we had a reasonably fine day. We started from the car park at Canal Head and followed the canal for three quarters of a mile or so. This part of the canal was overgrown with aquatic vegetation, although the bank side had been maintained in good



order, and few species were seen. Downhearted we decided to return to the cars to have lunch and decide where next to explore. Some of us had a pleasant picnic lunch by the cars, while others went onto the next rendezvous site, Melbourne. We all met up by the canal bridge near the pub at Melbourne, where the Pocklington Canal Amenity Society were running short boat trips. Small groups of us took it in turn to go on these trips to get a closer look at the target species of Red-eyed Damselflies, which were present on this part of the canal. The boat trips made recording very easy with one person on each side of the boat making a tally as we chugged up and down the canal. The PCAS can arrange longer trips along the canal and we may look at the feasibility of having a Branch field trip on a canal boat in the future. After the disappointing number of species seen in the morning, the stretch of canal at Melbourne made up for it, both in variety and numbers of odonata present. Eleven species were seen, including fifty or so Red-eyed Damselflies, the same number of Banded Demoiselle and single Emperor, Common Darter and Common Hawker dragonflies. Small numbers of Ruddy Darters were also present. A quartet of members continued on to Hagg Bridge, where the same range of species were seen.

August 26th Thorne Moor

The overcast and uncertain weather can be blamed for the disappointing attendance on this trip, with only five members turning up. We had planned to leave the cars at the sports club car park at the end of Grange Road but the gates were shut. We therefore parked on the roadside and proceeded on foot to Thorne Moor. We followed one of the way-marked trails and found a lone Migrant Hawker as well as a single Emerald Damselfly. Common and Black Darter numbers were very low with only single figures seen. Usually these are seen in the hundreds to thousands. We also managed to see a couple of Common Hawkets and several Southern Hawkets patrolling the rides. As the weather didn't appear to be improving three of us cut short the visit, however two intrepid members remained but they only managed to add Blue-tailed Damselfly to the list of species seen, despite the brightening weather conditions.

Occurrence of the Hairy Dragonfly *Brachytron pratense*

Campsall Country Park Clay Pond, Doncaster and other odonata notes (Sunter 2002).

Tom Hubball

The Hairy Dragonfly *Brachytron pratense* (Muller 1764) is a scarce species in Britain. It appears to be most frequent at some lowland sites in southern Britain, with scattered populations in Anglesey, Norfolk and Cheshire. In Yorkshire the species traditionally appears to have been confined to two fenland sites, Shirley Pool (SE568119) near Doncaster, where it was first noticed in 1911 by G.T. Porritt and Askham Bog (SE573480) where it was recorded in 1945 by A.Fitter and C. Smith. In addition it has also been recorded at Potteric Carr, Doncaster (SE589007) in 1998, 1999 and 2000.

On 5th June 1999, Richard Sunter, John Wilcox and members of the Doncaster Naturalists' Society visited Shirley Pool in order to discover whether *B. pratense* had survived. Much of the edge was obscured by mature trees, although the northern shoreline of the pond had a more open aspect. After searching for an hour, a single male *B. pratense* was briefly seen patrolling the edge of the pond.

On 29th May 2000 John Wilcox and Richard Sunter again visited Shirley Pool to look for *B. pratense* but on their arrival a torrential downpour occurred. Concluding that this had ruined any chance of observing this species that day they set off back to Wakefield. However, on passing Campsall Country Park (SE547138) the sun returned and they decided to see how the lakes compared to Shirley Pool. Although the downpour had suppressed most odonata activity the presence of Blue-tailed *Ishnura elegans*, Common Blue *Enallagma cyathigerum* and Large Red damselflies *Pyrrosoma nymphula* were noted. Furthermore, the lakes were considered to be similar in certain respects to Shirley Pool. The following day Richard returned and was rewarded by seeing a single ovipositing female *B. pratense* as well as a mating pair at Campsall CP Clay Pond. The copulating pair flew from the lake and landed on the adjacent grassland where they were closely observed by Richard for several minutes. Other species seen that day included Azure damselflies *Coenagrion puella* and Four-spotted Chasers *Libellula quadrimaculata* as well as the three species of damselflies already noted above.

On 4th June 2000 Richard again visited Campsall CP Clay Pond, in the company of others and they witnessed a single ovipositing female *B. pratense*. During a visit on 20th June no *B. pratense* were noted, however, Emperor Dragonfly *Anax imperator* and Brown Hawker *Aeshna grandis* were added to the list of species recorded by Richard.

In 2001 Richard returned on 19th May and found an exuvia, which Brian Lucas identified as *B. pratense* thus proving confirmed breeding. On 14th June of that year a further two male *B. pratense* were seen in addition to a single male Black-tailed Skimmer *Orthetrum cancellatum*, nine Four-spotted Chaser (five singles and two pairs in cop), Large Red and Blue-tailed damselflies.

It is worthwhile noting that Black-tailed Skimmers were found to be breeding on the nearby Askern Colliery Ponds (SE550135) where, on 14th June, several teneral and exuviae were found by Richard. The identification of the exuviae were again confirmed by Brian Lucas.

Campsall Country Park lakes are therefore one of the most important sites for odonata in the county, being the only site in Yorkshire where *B. pratense* has been proven to breed in recent years. They support a rich assemblage of odonata, with ten species recorded to date, although visits later in the year may add additional species to this list.

In 2006 two more *B. pratense* exuviae were found by Richard, so it is proposed that the Branch undertake a field trip to the site on Saturday, 26th May 2007 (see 2007 Field Trips or the Branch website for details) to see if breeding can be confirmed this year as well.

This is a short piece adapted from an article written by Richard Sunter for the Yorkshire Naturalists Union Bulletin No.38 first published in 2002. Richard has kindly given me permission to re-draft it for the benefit of Yorkshire Branch of the British Dragonfly Society members.

Species list for Yorkshire

Latin Name	Common Name	Status in Yorkshire
<i>Calopteryx virgo</i>	Beautiful Demoiselle	Scarce Resident Breeder
<i>Calopteryx splendens</i>	Banded Demoiselle	Common Resident Breeder
<i>Lestes sponsa</i>	Emerald Damselfly	Common Resident Breeder
<i>Lestes dryas</i>	Scarce Emerald Damselfly	Rare Vagrant
<i>Pyrrosoma nymphula</i>	Large Red Damselfly	Abundant Resident Breeder
<i>Erythromma najas</i>	Red-eyed Damselfly	Scarce Resident Breeder
<i>Erythromma viridulum</i>	Small Red-eyed Damselfly	New for 2006
<i>Coenagrion puella</i>	Azure Damselfly	Abundant Resident Breeder
<i>Enallagma cyathigerum</i>	Common Blue Damselfly	Abundant Resident Breeder
<i>Ischnura elegans</i>	Blue-tailed Damselfly	Abundant Resident Breeder
<i>Ceriagrion tenellum</i>	Small Red Damselfly	Aberrant Vagrant
<i>Aeshna juncea</i>	Common Hawker	Common Resident Breeder
<i>Aeshna mixta</i>	Migrant Hawker	Common Resident Breeder
<i>Aeshna cyanaea</i>	Southern Hawker	Common Resident Breeder
<i>Aeshna grandis</i>	Brown Hawker	Abundant Resident Breeder
<i>Aeshna isosceles</i>	Norfolk Hawker	Aberrant Vagrant
<i>Anax imperator</i>	Emperor Dragonfly	Uncommon Resident Breeder
<i>Anax parthenope</i>	Lesser Emperor	Scarce Migrant
<i>Hemianax ephippiger</i>	Vagrant Emperor	Rare Migrant
<i>Brachytron pratense</i>	Hairy Dragonfly	Scarce Resident Breeder
<i>Cordulegaster boltonii</i>	Golden-ringed Dragonfly	Scarce Resident Breeder
<i>Cordulia aenea</i>	Downy Emerald	Rare Vagrant
<i>Libellula quadrimaculata</i>	Four-spotted Chaser	Abundant Resident Breeder
<i>Libellula fulva</i>	Scarce Chaser	Scarce Ex-Resident
<i>Libellula depressa</i>	Broad-bodied Chaser	Common Resident Breeder
<i>Orthetrum cancellatum</i>	Black-tailed Skimmer	Uncommon Resident Breeder
<i>Orthetrum coerulescens</i>	Keeled Skimmer	Scarce Resident Breeder
<i>Sympetrum striolatum</i>	Common Darter	Abundant Resident Breeder
<i>Sympetrum fonscolombii</i>	Red-veined Darter	Scarce Resident Breeder
<i>Sympetrum flaveolum</i>	Yellow-winged Darter	Scarce Migrant
<i>Sympetrum sanguineum</i>	Ruddy Darter	Common Resident Breeder
<i>Sympetrum danae</i>	Black Darter	Common Resident Breeder
<i>Sympetrum vulgatum</i>	Vagrant Darter	Rare Migrant
<i>Leucorrhinia dubia</i>	White-faced Darter	Scarce Ex-Resident

Key

Abundant - Occurs in all suitable habitats.

Common - Occurs in nearly all suitable habitats, with some areas sparsely used.

Uncommon - Occurs regularly, but uses little of the suitable habitat.

Scarce - Occurs regularly, but in very small numbers.

Rare - Beyond its normal geographic range, only recorded once or twice a decade.

Aberrant - Far from its normal range. Confirmed sighting but further observations unlikely.

Resident Breeder - Present throughout the year.

Migrant - Non-resident - typical migrant species (confirmed breeding may have been recorded).

Vagrant - Lone non-resident adult recorded

Ex-Resident - Historic resident/migrant not recorded for many years

MEMBERSHIP FORM

I/we would like to subscribe as a member of the 'Yorkshire Branch of the **British Dragonfly Society**'.

I/we enclose the relevant remittance for the annual subscription.(cheques/postal orders payable to BDS Yorkshire Branch)

Send to: The Secretary, David Miller, 23 Hooton Crescent, Ryhill, Wakefield. WF4 2BL.

First name

Surname

Address

.....

.....

Postcode

Telephone

E-mail.....

Signed

Date

Membership categories (please tick one):

Individual £3.00

Family £5.00

Life £30

British Dragonfly Society Member

YES NO

Exisiting Branch Member

YES NO

- if no, where did you hear about us?

Membership for the group runs from January 1st to December 31st each year. Anyone joining the group up to October will receive all the newsletters and magazine for that year. Anyone joining between October and December will get the following year's membership.

We produce the Skimmer Magazine and we are always on the look out for articles/pictures etc. If you would like to contribute to the Skimmer, please contact David Miller at the above address.