

# **A history and modern Atlas of Pseudoscorpions in Nottinghamshire (VC56)**

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## An introduction to Nottinghamshire Pseudoscorpions

Pseudoscorpions (more commonly known as False Scorpions) represent one of the most under-recorded and infrequently studied of all our invertebrates. Many naturalists have never seen one, despite the fact that several species are described as being common and finding good, reliable information about the UK's 27 known species on the internet, is still disappointingly difficult.

When trying to research the status of Nottinghamshire's Pseudoscorpions, we once again relied upon the records found within J.W. Carr's book "*The Invertebrate Fauna of Nottinghamshire*" published in 1916, with more up to date information coming via records of the National Pseudoscorpion Recording Scheme of the UK, shown on the NBN Gateway. The county's most recent Pseudoscorpion records, have come from Tim Sexton, Liam Andrews, Meg Skinner, Wil Heeney and ourselves.

Tracing and researching the Nottinghamshire records of any invertebrate group, is often difficult enough, and some records found on the NBN Gateway's distribution maps are decidedly suspect. Before publication, we traced 89 post 1950 Pseudoscorpion records relating to Nottinghamshire.

Consistency in site and/or grid references between the recorder's or surveyor's report and the NBN Gateway can vary, and sometimes a good knowledge of both species and the county habitat at a given location, often helps us to determine if the grid reference is incorrect. A handful of records listed on the NBN Gateway, have been omitted in this publication, either through duplication or obviously incorrect grid reference. To be fair, the grid references given by today's recorders, are far more accurate than records from a century ago.

## Nottinghamshire's historical Pseudoscorpion records

Many of the county's historical records listed by Carr, were the result of recording work by Mr H. Wallis Kew and W. E. Ryles, with occasional/accidental records submitted by other well known naturalists of the time. Just seven species of Pseudoscorpion were historically listed from Nottinghamshire by Carr, with Sherwood Forest providing a third of all the county's historical records.

The lack of interest given to the county's Pseudoscorpion fauna, has only recently showed any real signs of increasing and many recent records have come as a result of invertebrate surveys commissioned by English Nature (now Natural England) and undertaken within the Sherwood Forest NNR boundaries.

The four Sherwood Forest invertebrate surveys contributing Pseudoscorpion records in this publication, are listed below.

- **British Arachnological Society** Sherwood Forest Country Park Arachnid Survey 1978-1979 Report.
- **Denton, M.L. Green, E.J. Legg, G. Hemingway, D.G. Marsh, R.J. and Sharp, D.** 2002 Arachnid survey of Birklands and Bilhaugh candidate Special Area of Conservation (SAC), Sherwood Forest, Nottinghamshire. Report to English Nature from Entotax consultancy 2003.
- **Alexander, K.N.A.** Invertebrate assemblage condition at Birklands and Bilhaugh SSSI. A report to Natural England Nottinghamshire Team, July 2010.
- **Alexander, K.N.A.** Invertebrate assemblage condition at Birklands West and Ollerton Corner SSSI. A report to Natural England Nottinghamshire Team, July 2010.

Apart from Howard Williams, it appears that few individuals were able to undertake any regular recording of Pseudoscorpions in Nottinghamshire from after the end of the first World War, and aside from the above list of invertebrate surveyors and surveys, Howard (until recently, the Nottinghamshire county recorder for Arachnids) provided most of the county's records over the past number of years.

2014 and 2015 though, have seen the level of interest towards identifying and recording Nottinghamshire Pseudoscorpions increase markedly, and there are presently at least four locally-based naturalists/entomologists making conscious efforts to record them more regularly. Its a worthwhile undertaking, as new species will certainly be added to the county list in the next few years.

## Finding Pseudoscorpions

The main problem with Pseudoscorpions, is that they are often extremely difficult invertebrates to find. Targeted searches, will often take several attempts before any success is achieved. However, specifically targeted searches in the correct habitat, are still the best way of finding live specimens and persistent searching will eventually pay off. Pseudoscorpions inhabit a variety of habitats, from coastal strandlines, woodland leaf litter, underneath the bark of dead trees and under stones, old bird nests, compost and manure heaps and the interior of houses, barns and outbuildings.

Pseudoscorpions are very small and several UK species only measure between 1.5mm - 2.0mm in length. *Dendrochernes cyrneus* (measuring 3.5mm - 4.2mm) is the largest of the species found in the UK, but is rare and predominantly occurs in Ancient woodland. Nottinghamshire is perhaps particularly fortunate to have Sherwood Forest, where most of the county's 12 known species have been recorded. Some species are 'synanthropic' (living or associating with human activity) and can be found in gardens.

As with many invertebrate groups, Pseudoscorpions are difficult to identify without the aid of a high powered hand lens or microscope and a key to identify the species. Some species though, can be identified from good quality, close up photographs. The best identification key was produced by Gerald Legg in 2001 and which is often quickly made available through members of the Pseudoscorpion UK Facebook group. Just search Facebook for 'Pseudoscorpion UK' to join.

## Nottinghamshire Pseudoscorpion species list

The UK has 27 known species of *Pseudoscorpions*, of which 12 have been recorded in Nottinghamshire, but one of these (*Pselaphochernes dubius*) we believe is decidedly suspect and covered in more detail in the species accounts. All have been recorded within the county over the past fifty years and there is no reason to suggest that they do not still occur in Nottinghamshire.

Species assigned an asterisk, have been recorded historically in Nottinghamshire, with most records being listed by J.W. Carr.

### Cheiridiidae Cheiridium

*Cheiridium museorum* (Leach, 1817)

### Chernetidae Allochernes

*Allochernes wideri* \* (C. L. Koch, 1843)

#### Chernes

*Chernes cimicoides* \* (Fabricius, 1793)

#### Dendrochernes

*Dendrochernes cyrneus* \* (L. Koch, 1873)

#### Lamprochernes

*Lamprochernes chyzeri* (Tömövary, 1882)

*Lamprochernes nodosus* \* (Schrank, 1803)

*Lamprochernes savignyi* (Simon, 1879)

#### Pselaphochernes

*Pselaphochernes dubius* (O.P.-Cambridge, 1892)

### Chthoniidae Chthonius

*Chthonius ischnocheles* \* (Herman, 1804)

*Chthonius tetrachelatus* \* (Preyssler, 1790)

### Neobisiidae Neobisium

*Neobisium carcinooides* (Herman, 1804)

#### Roncus

*Roncus lubricus* (L. Koch, 1873)

## Species accounts and records

### ***Cheiridium museorum*** (Leach, 1817)

There are no historical records, the first Nottinghamshire record being from The Ropewalk in Southwell in 1962, where it was also recorded the following year. There were no further records until it was recorded from Newark in 1977, quickly followed by two Sherwood Forest records in 1978 and most recently from Attenborough (Sexton, T.) in 2015.

### ***Allochernes wideri*** (C. L. Koch, 1843)

Historically only one record from 1906. In Nottinghamshire, this Pseudoscorpion is known only from Sherwood Forest, where it was first recorded in 1978 (on four dates) then a record rather vaguely recorded as before 2002. The most recent record came in 2010.

### ***Chernes cimicoides*** (Fabricius, 1793)

*Chernes cimicoides* is the most regularly recorded species, with well over 30 records found. Most refer to the Sherwood Forest area. Historical records come from Colwick Woods and Sherwood Forest, dating to 1906. During the 1960's, it was frequently recorded from Sherwood Forest in 1963, 1965 and 1969. It appears to have been just as well recorded in the 1970's, with a Sherwood Forest record dated as 1973 (two records) and another in 1977.

Surveys of the Sherwood Forest area conducted by a British Arachnological Survey team, recorded *C. cimicoides* nine times during 1978, then a further four times in 1979 and there is a record from Mansfield in 1985. In 2002, another Sherwood Forest survey produced three more records and it has most recently been recorded there in 2013. Two records were also traced as 'before 2002' from near Trent Bridge in Nottingham.

### ***Dendrochernes cyrneus*** (L. Koch, 1873)

Known only from the Sherwood Forest area. There are historical records dating from 1905, 1906 and 1912, but no further records until recorded in 1976 and eight times in 1978, during surveys of the Sherwood Forest area conducted by a British Arachnological Survey team. The most recent records were again from Sherwood Forest Country Park in 1985 and the Buck Gates (West) area in 2009 (Alexander, K.N.A. 2009).

### ***Lamprochernes chyzeri*** (Tömövary, 1882)

There are currently four records of *Lamprochernes chyzeri* from Nottinghamshire. It was first recorded from a house at Nuthall in 1977, followed several years later by two Clumber Park records - from Thorney Hill in 1984 and Paddock Wood in 2004.

In 2013, a Pseudoscorpion we had taken from under Oak bark at Sherwood Forest CP, was re-identified as being *L. chyzeri* when examined again in 2015.

### ***Lamprochernes nodosus*** (Schrank, 1803)

There are just six Nottinghamshire records, including one which is historical. These are from Worksop in 1903, Clumber Park in 1955, Sherwood Forest in 1969, Scrooby in 1973, Clayworth in 1975 and more recently from a manure heap at Tug Bridge Farm near Eakring (Pendleton, T.A. and Pendleton, D.T.) in 2015.

### ***Lamprochernes savignyi*** (Simon, 1879)

There are currently just three county records, including Owdy Pond near Worksop in 1998 and again 2002, and from Sherwood Forest in 2002. Usually a synanthropic species.

***Pselaphoernes dubius*** (O.P.-Cambridge, 1892)

There are three records of *Pselaphoernes dubius* held by the UK Pseudoscorpion Recording Scheme, but the status of this Pseudoscorpion as to ever having occurred in Nottinghamshire at all is unclear. We have provided a distribution map, based on two records which probably refer to the same record, dated as Sherwood Forest on 19/09/1978 and listed on the NBN Gateway, and a 1978-1979 Sherwood Forest record at SK620683, listed in the 2005 Invertebrate Site Register by Natural England East Midlands.

But after having had first hand access to copies of the 1978-1979 British Arachnological Society's Sherwood Forest Country Park Arachnid survey report and the later 2002 Arachnid survey by Denton, Green, Legg, Hemingway, Marsh and Sharp, we felt it strange that no mention of the record was made. Neither report mentions any record of *Pselaphoernes dubius* and the 2002 report even provided some summarisation of all the known Sherwood Forest Pseudoscorpion records.

The NBN Gateway also lists a 1906 record for Sherwood Forest, yet the given grid reference of SK600600 puts the record directly on the site of the former Rufford Colliery at Rainworth, although the Colliery was not sunk until 1911. To add to the confusion, Carr does not list any record of *Pselaphoernes dubius* in his book, or in the later published supplement to his original volume.

***Chthonius ischnocheles*** (Herman, 1804)

There appeared to be no post 2000 Nottinghamshire records of this *Pseudoscorpion*, until *Chthonius ischnocheles* was recorded at Attenborough NR in 2015. Historically, it has occurred at Rampton, Mansfield Woodhouse, Mansfield, Pleasley Vale, Creswell Crags Quarry, near Bulwell Wood Hall and at Mapperley Nottingham, Sherwood Forest and Colwick Woods between 1903 and 1906.

Other previous records include Crew Lane, Southwell in 1963, several records from Sherwood Forest in 1969 and again in 1979. In the 1990's, it was found at several sites near Worksop, but Nottinghamshire's most recent records have come from the Nottingham Trent University's Brackenhurst Campus at Southwell (Andrews, L.) and Attenborough NR (Sexton, T.) in 2015.

***Chthonius tetrachelatus*** (Preyssler, 1790)

As far as we are aware, this *Pseudoscorpion* has only been recorded once in the county since historical records from Bulwell Hall Wood, Grives Wood near Kirkby-in-Asfield and Mansfield Woodhouse in 1903. The most recent record came in 2003, when *Chthonius tetrachelatus* was recorded from Walkeringham NR, in the north of Nottinghamshire (Williams, H.).

***Neobisium carcinoides*** (Herman, 1804)

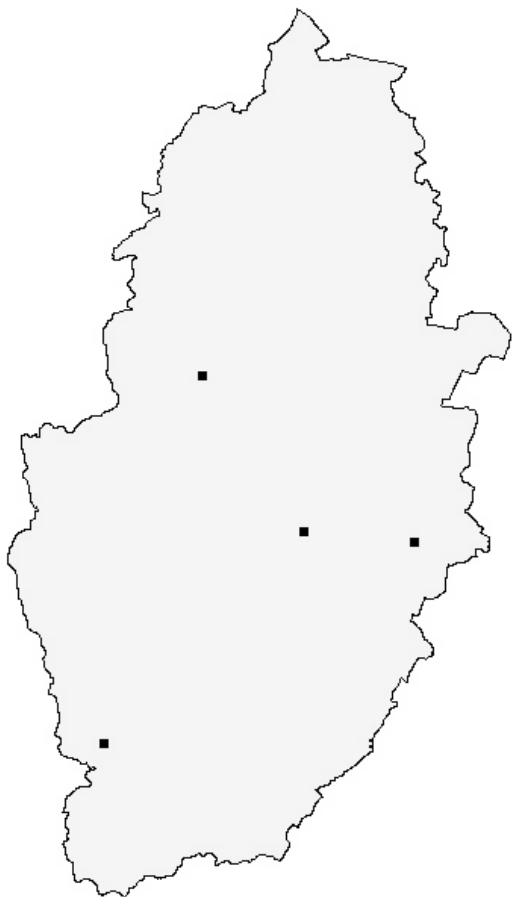
Three historical records from Sherwood Forest in 1912 (twice) and another from Bramcote in 1916.

The most recent (accurate) records seem to be from Clumber Park in 1964, Birklands (Sherwood Forest) in 1979, Owday Pond near Worksop in 1998 and again in 2002, Carlton Wood from 1999 to 2001, then Ash Tree Hill Wood in Clumber Park in 2004 and Oblong Clump in Clumber Park (Binding, A.) in 2005. The county's most recent record was from Attenborough NR in 2015 (Sexton, T.).

***Roncus lubricus*** (L. Koch, 1873)

An elusive species, usually found in leaf litter and moss. At the time of publishing, there are currently just three county records. These are from Nottingham Trent University's Clifton Campus, where one was captured in a woodland pitfall trap in 2008, from Nottingham Trent University's Brackenhurst Campus at Southwell on 04/10/15 (Andrews, L.) and one at Coppice Park in Nottingham on 28/12/15 (Skinner, M. and Heeney, W.).

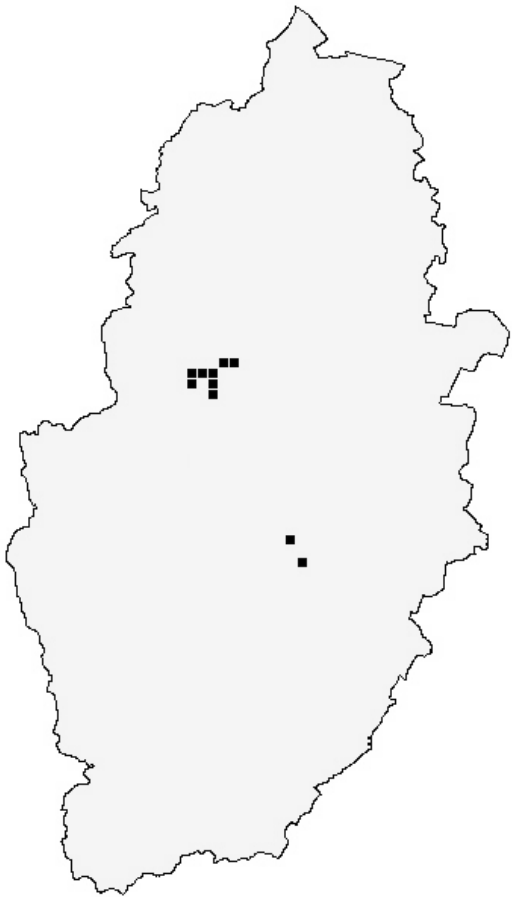
*Cheiridium museorum*



*Allochernes wideri*



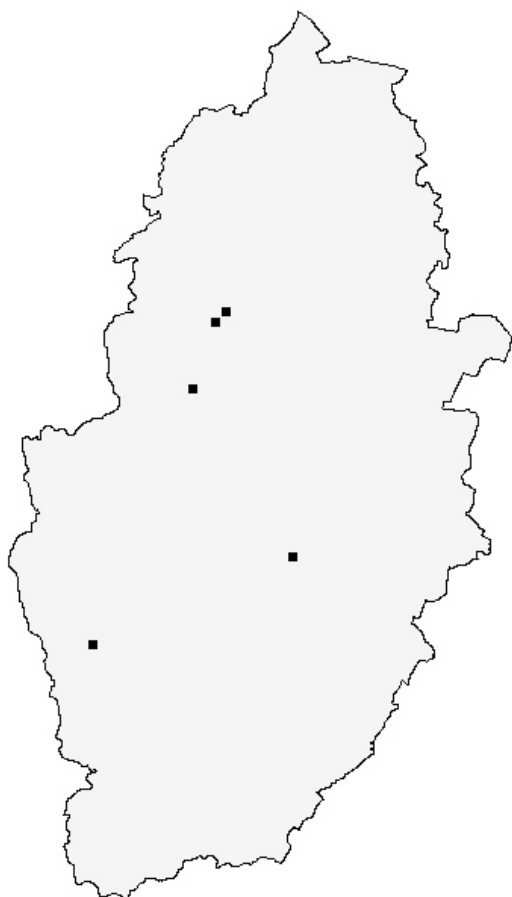
*Chernes cimicoides*



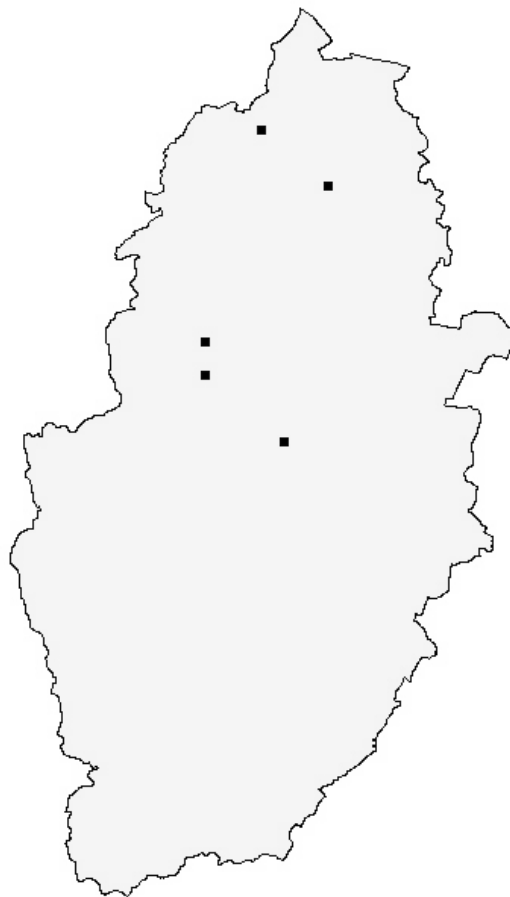
*Dendrochernes cyrneus*



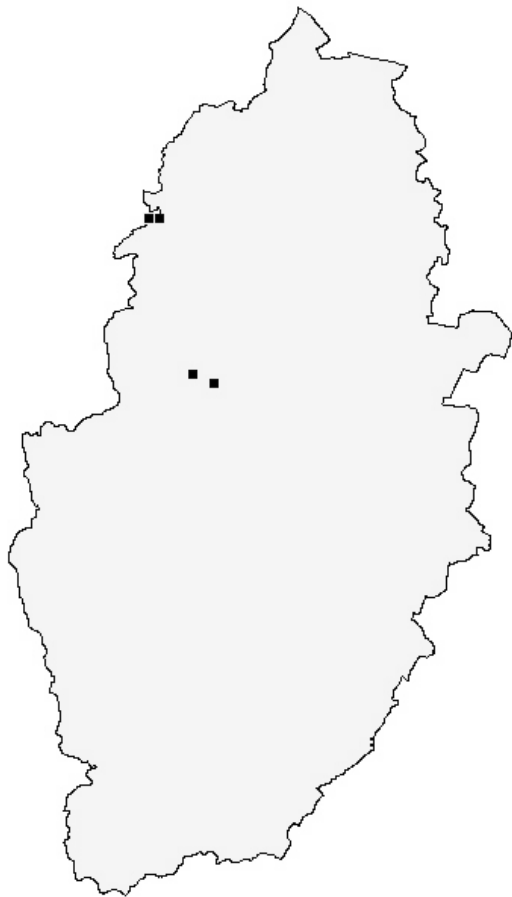
***Lamprochernes chyzeri***



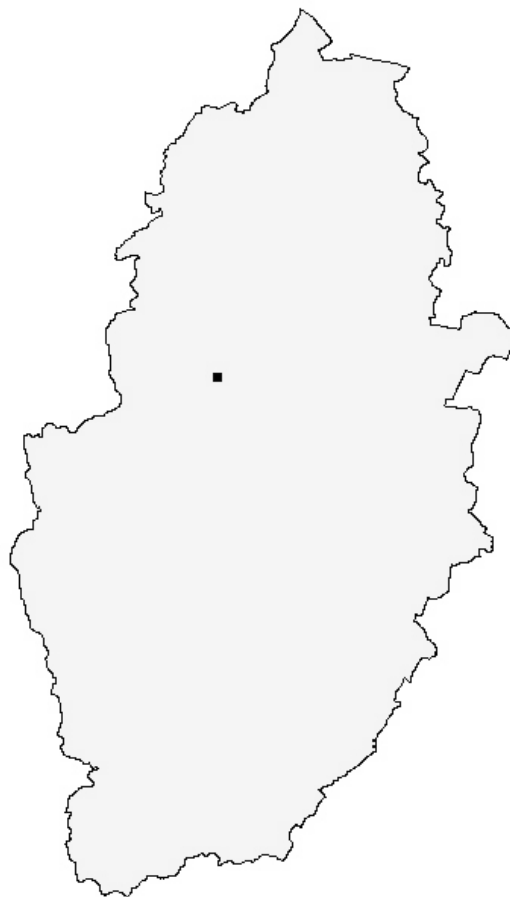
***Lamprochernes nodosus***



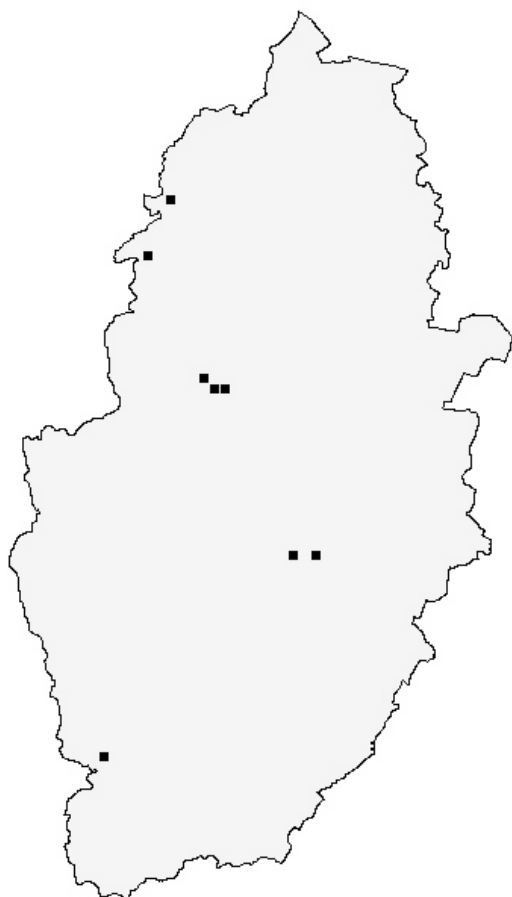
***Lamprochernes savignyi***



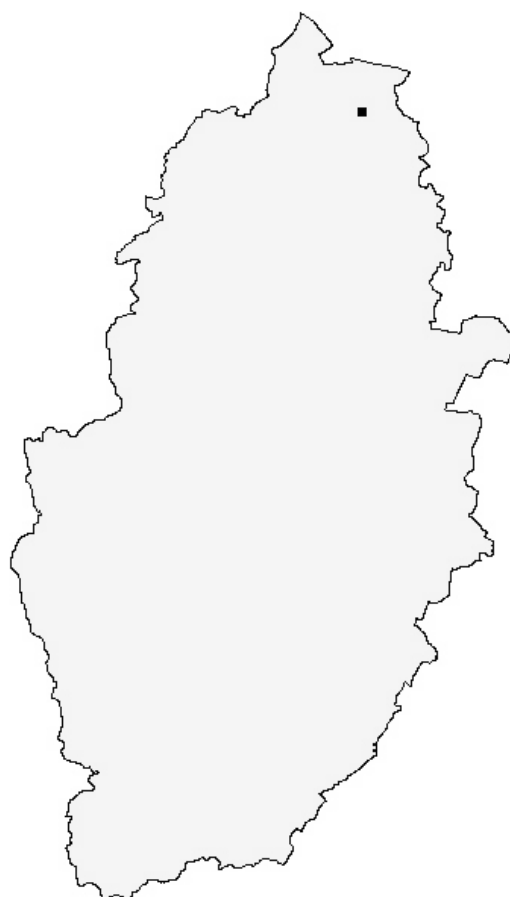
***Pselaphochernes dubius***



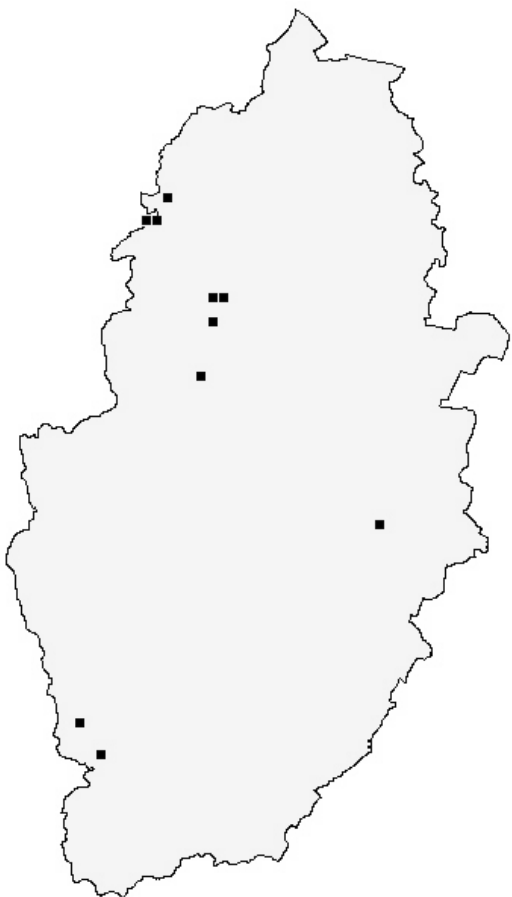
***Chthonius ischnocheles***



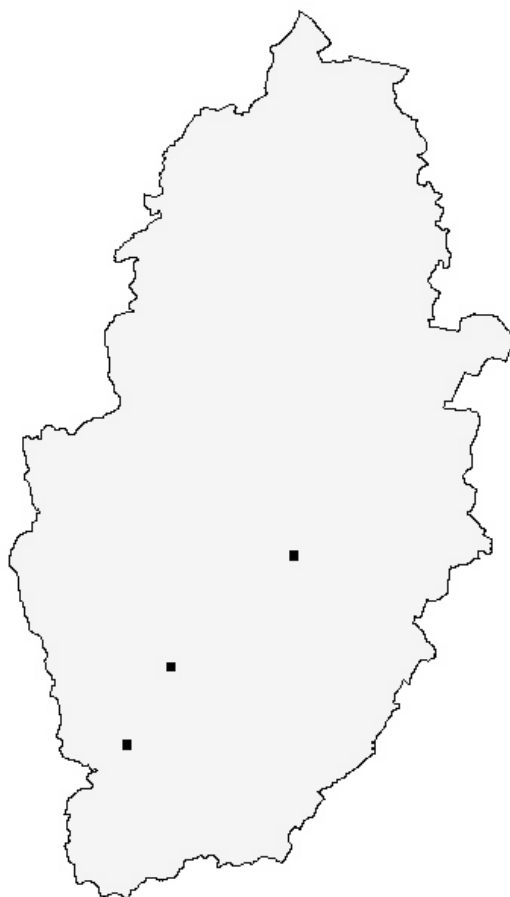
***Chthonius tetrachelatus***



***Neobisium carcinoides***



***Roncus lubricus***





## Nottinghamshire Pseudoscorpion records

The following list of records, does not include any historical records given by Carr's original book published in 1916, or the later supplement he produced in 1935. Post-1950 records have been sourced direct from individuals, or the original survey reports produced by the British Arachnological Society, Entotax consultancy (on behalf of English Nature) and Keith Alexander (on behalf of Natural England) and the NBN Gateway. Rejected records are highlighted in yellow.

Species	Site	Grid ref	Date	Record source
<i>Allochernes wideri</i>	Sherwood Forest	SK640693	12/06/1978	BAS Survey Team
<i>Allochernes wideri</i>	Sherwood Forest	SK607684	17/09/1978	BAS Survey Team
<i>Allochernes wideri</i>	Sherwood Forest	SK625678	19/09/1978	BAS Survey Team
<i>Allochernes wideri</i>	Thoresby Estate (Proteus Square)	SK640693	21/09/1978	BAS Survey Team
<i>Allochernes wideri</i>	Sherwood Forest	SK620683	1978	Natural England
<i>Allochernes wideri</i>	Edwinstowe	SK620660	2002	NBN Gateway
<i>Allochernes wideri</i>	Sherwood Forest CP (C3)	SK607678	24/03/2010	Trevor and Dilys Pendleton
<i>Cheiridium museorum</i>	Newark	SK790530	10/05/1977	UK Pseudoscorpion Scheme
<i>Cheiridium museorum</i>	Southwell (Ropewalk)	SK701543	09/04/1963	UK Pseudoscorpion Scheme
<i>Cheiridium museorum</i>	Southwell (Ropewalk)	SK701543	31/08/1962	UK Pseudoscorpion Scheme
<i>Cheiridium museorum</i>	Thoresby Estate (Proteus Square)	SK640693	1978	BAS Survey Team
<i>Cheiridium museorum</i>	Thoresby Estate (Proteus Square)	SK640693	21/09/1978	BAS Survey Team
<i>Cheiridium museorum</i>	Attenborough (Trent Crescent)	SK524353	19/12/2015	Tim Sexton
<i>Chernes cimicoides</i>	Sherwood Forest	SK626676	30/08/1963	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK626676	01/07/1965	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Edwinstowe	SK620660	01/01/1969	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Edwinstowe	SK620660	01/09/1969	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK600600	01/04/1973	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK66	04/10/1973	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK600600	04/10/1973	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK620683	1978	Natural England
<i>Chernes cimicoides</i>	Sherwood Forest	SK627677	04/07/1978	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Thoresby Estate (Proteus Square)	SK640694	06/07/1978	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK626676	14/07/1978	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK614681	01/09/1978	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK616682	01/09/1978	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK620670	19/09/1978	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK6267	19/09/1978	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK614681	22/09/1978	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK616682	22/09/1978	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK621681	11/06/1979	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK612681	12/06/1979	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK612681	06/11/1979	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK612681	06/12/1979	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest	SK626675	19/08/1985	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Thoresby Estate (Proteus Square)	SK639693	01/01/2002	Natural England
<i>Chernes cimicoides</i>	Sherwood Forest	SK620683	01/01/2002	Natural England
<i>Chernes cimicoides</i>	Sherwood Forest	SK625682	01/01/2002	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest CP (C7 and 8)	SK617682	1978	BAS Survey Team
<i>Chernes cimicoides</i>	Sherwood Forest (Buck Gates)	SK643694	2002	Denton, M.L.
<i>Chernes cimicoides</i>	Clipstone Old Quarter (Centre Tree)	SK606674	2002	Denton, M.L.
<i>Chernes cimicoides</i>	Sherwood Forest CP (C1)	SK607685	2002	Denton, M.L. Denton, M.L.
<i>Chernes cimicoides</i>	Sherwood Forest CP (C13)	SK623683	21/02/2013	Trevor and Dilys Pendleton
<i>Chernes cimicoides</i>	Sherwood Forest CP (C7 and 8)	SK617682	23/03/2014	Trevor and Dilys Pendleton
<i>Chernes cimicoides</i>	Southwell (Brackenhurst)	SK705515	08/06/2015	Liam Andrews
<i>Chernes cimicoides</i>	Southwell (Brackenhurst)	SK695530	09/10/2015	Liam Andrews

<i>Chthonius ischnocheles</i>	Southwell (Crew Lane)	SK718526	01/09/1963	UK Pseudoscorpion Scheme
<i>Chthonius ischnocheles</i>	Sherwood Forest	SK633675	01/01/1969	UK Pseudoscorpion Scheme
<i>Chthonius ischnocheles</i>	Sherwood Forest	SK626675	01/07/1969	UK Pseudoscorpion Scheme
<i>Chthonius ischnocheles</i>	Sherwood Forest	SK633675	01/08/1969	UK Pseudoscorpion Scheme
<i>Chthonius ischnocheles</i>	Sherwood Forest CP (C7 and 8)	SK617682	1978	BAS Survey Team
<i>Chthonius ischnocheles</i>	Sherwood Forest	SK612681	12/06/1979	UK Pseudoscorpion Scheme
<i>Chthonius ischnocheles</i>	Wallingwells Wood	SK580840	06/05/1991	UK Pseudoscorpion Scheme
<i>Chthonius ischnocheles</i>	Worsop (Rhodesia Flash)	SK565779	06/08/1997	UK Pseudoscorpion Scheme
<i>Chthonius ischnocheles</i>	Worsop (Steeley Quarry Area B)	SK544786	14/08/1997	UK Pseudoscorpion Scheme
<i>Chthonius ischnocheles</i>	Worsop (Steeley Quarry Area B)	SK544785	20/08/1997	UK Pseudoscorpion Scheme
<i>Chthonius ischnocheles</i>	Lady Lee Quarry	SK564796	08/04/1999	UK Pseudoscorpion Scheme
<i>Chthonius ischnocheles</i>	Attenborough NR	SK522341	29/09/2015	Tim Sexton
<i>Chthonius ischnocheles</i>	Southwell (Brackenhurst)	SK696522	16/10/2015	Liam Andrews
<i>Chthonius ischnocheles</i>	Southwell (Brackenhurst)	SK698520	25/10/2015	Liam Andrews
<i>Chthonius ischnocheles</i>	Southwell (Brackenhurst)	SK698520	25/10/2015	Liam Andrews
<i>Chthonius tetrachelatus</i>	Walsingham NR	SK755926	17/04/2003	Howard Williams
<i>Dendrochernes cyrneus</i>	Sherwood Forest CP (C1)	SK607685	1976	Bee, L.
<i>Dendrochernes cyrneus</i>	Sherwood Forest CP (C7 and 8)	SK617682	1978	BAS Survey Team
<i>Dendrochernes cyrneus</i>	Sherwood Forest CP (C3)	SK607678	1978	Jones, P.E.
<i>Dendrochernes cyrneus</i>	Sherwood Forest CP (C1)	SK607685	1979	Jones, P.E.
<i>Dendrochernes cyrneus</i>	Sherwood Forest CP (C13)	SK623683	1987	Foster, A.P.
<i>Dendrochernes cyrneus</i>	Buck Gates (West)	SK637695	12/08/2009	Keith Alexander
<i>Lamprochernes chyzeri</i>	Nuthall	SK512444	1977	NBN Gateway
<i>Lamprochernes chyzeri</i>	Clumber Park (Thorney Hill)	SK626737	1984	NBN Gateway
<i>Lamprochernes chyzeri</i>	Clumber Park (Paddock Wood)	SK637747	2004	NBN Gateway
<i>Lamprochernes chyzeri</i>	Sherwood Forest CP (C7 and 8)	SK617682	23/02/2013	Trevor and Dilys Pendleton
<i>Lamprochernes chyzeri</i>	Southwell (Brackenhurst)	SK698520	19/06/2015	Liam Andrews
<i>Lamprochernes nodosus</i>	Clumber Park	SK618718	1955	NBN Gateway
<i>Lamprochernes nodosus</i>	Sherwood Forest CP (C7 and 8)	SK617682	1969	NBN Gateway
<i>Lamprochernes nodosus</i>	Scrooby	SK6690	01/02/1973	UK Pseudoscorpion Scheme
<i>Lamprochernes nodosus</i>	Clayworth	SK7285	16/10/1975	UK Pseudoscorpion Scheme
<i>Lamprochernes nodosus</i>	Tug Bridge Farm	SK689622	26/12/2015	Trevor and Dilys Pendleton
<i>Lamprochernes savignyi</i>	Worsop (Owday Pond)	SK563824	13/06/1998	UK Pseudoscorpion Scheme
<i>Lamprochernes savignyi</i>	Sherwood Forest	SK624676	2002	UK Pseudoscorpion Scheme
<i>Lamprochernes savignyi</i>	Worsop (Owday Pond)	SK574820	31/12/2002	UK Pseudoscorpion Scheme
<i>Lamprochernes savignyi</i>	Sherwood Forest CP (C1)	SK607685	2002	Denton, M.L.
<i>Neobisium carcinoides</i>	Clumber Park	SK6275	16/03/1964	UK Pseudoscorpion Scheme
<i>Neobisium carcinoides</i>	Sherwood Forest	SK612681	1979	BAS Survey Team
<i>Neobisium carcinoides</i>	Worsop (Owday Pond)	SK563824	13/06/1998	UK Pseudoscorpion Scheme
<i>Neobisium carcinoides</i>	Carlton Wood	SK582844	23/03/1999	UK Pseudoscorpion Scheme
<i>Neobisium carcinoides</i>	Carlton Wood	SK582844	14/07/1999	UK Pseudoscorpion Scheme
<i>Neobisium carcinoides</i>	Carlton Wood	SK582844	02/02/2001	UK Pseudoscorpion Scheme
<i>Neobisium carcinoides</i>	Worsop (Owday Pond)	SK574820	2002	UK Pseudoscorpion Scheme
<i>Neobisium carcinoides</i>	Sherwood Forest	SK612681	2002	UK Pseudoscorpion Scheme
<i>Neobisium carcinoides</i>	Bramcote	SK5037	2002	BAS Survey Team
<i>Neobisium carcinoides</i>	Clumber Park (Ash Tree Hill)	SK632753	2004	Allan Binding
<i>Neobisium carcinoides</i>	Clumber Park (Oblong Clump)	SK622733	2005	Allan Binding
<i>Neobisium carcinoides</i>	Attenborough NR	SK522341	12/03/2015	Tim Sexton

<i>Pselaphoernes dubius</i>	Sherwood Forest	SK627680	1978	BAS Survey Team
<i>Roncus lubricus</i>	Nottingham Trent University (Clifton Campus)	SK545351	2008	Liam Andrews
<i>Roncus lubricus</i>	Southwell (Brackenhurst)	SK696522	04/10/2015	Liam Andrews
<i>Roncus lubricus</i>	Nottingham (Coppice Park)	SK583420	28/12/2015	Meg Skinner

## Duplicated records on the NBN Gateway and reason for rejection

### *Allochnes wideri*

Sherwood Forest 1978 Duplicate record from BAS survey in 1978

### *Cheiridium museorum*

Sherwood Forest 1978 Duplicate record from BAS survey in 1978

### *Chernes cimicoides*

Sherwood Forest	01/04/1973	Grid ref is near Rainworth
Sherwood Forest	04/10/1973	Grid ref is near Rainworth
Sherwood Forest	04/10/1973	Duplicated record on NBN as Edwinstowe, but grid ref is near Rainworth
Sherwood Forest	01/04/1973	Duplicate record from BAS survey in 1978
Sherwood Forest	01/09/1978	Duplicate record from BAS survey in 1978
Sherwood Forest	19/09/1978	Duplicate record from BAS survey in 1978
Sherwood Forest	01/04/1973	Duplicate record from BAS survey in 1978
Thoresby Estate	01/01/2002	Duplicate record from 2002 Entotax survey
Sherwood Forest	01/01/2002	Duplicate record from 2002 Entotax survey

### *Lamprochnes savignyi*

Sherwood Forest 2002 Duplicate record from 2002 Entotax survey