

A history and modern atlas of Pseudoscorpions in VC56  
Nottinghamshire (2023 edition)



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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 Nottinghamshire invertebrates. Many naturalists have often never seen one, despite the fact that several species are described as being common and finding good, reliable information about the UK's 27 or so known species on the internet, is still disappointingly difficult, although things have improved with social media.

When originally trying to research the status of Nottinghamshire Pseudoscorpions some years ago, we once again had to rely heavily on those records found within J.W. Carr's book '*The Invertebrate Fauna of Nottinghamshire*' published in 1916. More up to date information came via those records of the UK's National Pseudoscorpion Recording Scheme listed on the NBN Atlas and from a number of records sent directly to us by those few locally-based observers who were recording in Nottinghamshire at the time. So much of the information and records presented in this 2023 edition of '*A history and modern atlas of Pseudoscorpions in VC56 Nottinghamshire*' have come as the result of the recording work of 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 Atlas's distribution maps are decidedly suspect. Before publication of the first atlas, we managed to trace some 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 Atlas 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 Atlas, have been omitted in this publication, either through duplication or obviously incorrect grid reference. To be fair, the grid references and site details given by today's recorders, tend to be considerably more accurate than records from a century ago.

## Nottinghamshire's historical Pseudoscorpion records

Many of the county's historical Pseudoscorpion 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 East Midlands) and undertaken within the Sherwood Forest NNR boundaries.

The four Sherwood Forest invertebrate surveys contributing Pseudoscorpion records in this publication, are listed below and we're not aware of any other recent surveys in which specimens have been collected or found.

**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 a number of years.

2014 and 2015 saw the level of interest towards identifying and recording Nottinghamshire Pseudoscorpions increase markedly, and for a number of years, those already mentioned locally-based naturalists/entomologists made conscious efforts to record them more regularly.

At the present time, the amount of records being produced and recording devoted to Pseudoscorpions on the whole has lessened quite considerably, so much so that at the start of 2023, it appears that I'm now the only recorder deliberately setting out to record them.

But the recording of these tiny arachnids is a worth undertaking, as new species will likely be added to the county list in the next few years. Since the last publication of this atlas, just the one new species (*Pselaphoernes scorpoides*) has been added to the county species list, eventually turning up in 2020 after a surprisingly long absence.

## 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 14 known species have been recorded. Some species are more '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 is the '*Illustrated key to the British False Scorpions*' by Gerald Legg with Francis Farr-Cox, a fold-out booklet published the Field Studies Council and available via their website at [www.field-studies-council.org](http://www.field-studies-council.org). It is also worth joining the Pseudoscorpion UK Facebook group. Just search Facebook for 'Pseudoscorpion UK' to join.

## Nottinghamshire Pseudoscorpion species list

The UK has nearly 30 known species of *Pseudoscorpions*, of which 14 have now been recorded in Nottinghamshire, but one of these (*Pselaphoernes dubius*) we believe is decidedly suspect and covered in more detail in the species accounts. The other 13 species 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. Those species assigned an asterisk below, are those which have been recorded historically in Nottinghamshire, with most records being listed in Carr's book.

Cheiridiidae	Cheiridium	<i>Cheiridium museorum</i> (Leach, 1817)
Chernetidae	Allochernes	<i>Allochernes wideri</i> * (C. L. Koch, 1843)
	Chernes	<i>Chernes cimicoides</i> * (Fabricius, 1793)
	Dendrochernes	<i>Dendrochernes cyrneus</i> * (L. Koch, 1873)
	Lamprochernes	<i>Lamprochernes chyzeri</i> (Tömövary, 1882) <i>Lamprochernes nodosus</i> * (Schrank, 1803) <i>Lamprochernes savignyi</i> (Simon, 1879)
	Pselaphochernes	<i>Pselaphochernes dubius</i> (O.P.-Cambridge, 1892) <i>Pselaphochernes scorpoides</i> (Hermann, 1804)
Chthoniidae	Chthonius	<i>Chthonius (Chthonius) ischnocheles</i> * (Herman, 1804) <i>Chthonius (Chthonius) kewi</i> * (Gabbutt 1966) <i>Chthonius (Ephippiochthonius) tetrachelatus</i> (Preyssler, 1790)
Neobisiidae	Neobisium	<i>Neobisium (Neobisium) carcinoides</i> (Herman, 1804)
	Roncus	<i>Roncus (Roncus) lubricus</i> (L. Koch, 1873)

## Species accounts and records

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

There are no historical records, with 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 (BAS survey team).

More recent records have come from a house on Trent Lane, Attenborough in 2015 (Sexton, T.), a derelict farm at Lambley in 2016 (Pendleton, T.A. and Pendleton, D.T.), before two records from Nottingham Trent University's Brackenhurst Campus and Potwell Dyke at Southwell in 2016 (Andrews, L.). Eight county records.

<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>	Proteus Square	SK640693	21/09/1978	BAS Survey Team
<i>Cheiridium museorum</i>	Attenborough (Trent Crescent)	SK524353	19/12/2015	Tim Sexton
<i>Cheiridium museorum</i>	Lambley (Sunrise Farm)	SK625445	09/01/2016	Trevor and Dilys Pendleton
<i>Cheiridium museorum</i>	Southwell (Brackenhurst)	SK699526	29/04/2016	Liam Andrews
<i>Cheiridium museorum</i>	Southwell (Potwell Dyke)	SK692534	15/06/2016	Liam Andrews

### ***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. This pseudoscorpion has been found a number of times under bark in the past 15 years, with a Sherwood Forest CP record in 2010, before increased surveying produced a string of records from the Sherwood Forest CP and Clipstone Old Quarter areas between 2016 and 2021 (Pendleton, T.A. and Pendleton, D.T.). 11 county records.

<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>	Proteus Square	SK640693	21/09/1978	BAS Survey Team
<i>Allochernes wideri</i>	Edwinstowe	SK620660	2002	NBN Atlas
<i>Allochernes wideri</i>	Sherwood Forest CP (C3)	SK607678	24/03/2010	Trevor and Dilys Pendleton
<i>Allochernes wideri</i>	Sherwood Forest (C7/8)	SK617682	05/05/2016	Trevor and Dilys Pendleton
<i>Allochernes wideri</i>	Sherwood Forest (C7/8)	SK617682	15/05/2016	Trevor and Dilys Pendleton
<i>Allochernes wideri</i>	Clipstone Old Quarter	SK601666	29/05/2016	Trevor and Dilys Pendleton
<i>Allochernes wideri</i>	Sherwood Forest (C6)	SK611679	13/04/2020	Trevor Pendleton
<i>Allochernes wideri</i>	Clipstone Old Quarter	SK612674	17/03/2021	Trevor Pendleton

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

*Chernes cimicoides* is the most regularly recorded species, with well over 40 records. Most refer to the Sherwood Forest area but this species will turn up at sites in other parts of the county. There are historical records from Colwick Woods and Sherwood Forest dating to 1906 and 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 been regularly recorded at Sherwood Forest CP and Clipstone Old Quarter since. 43 confirmed records.

<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	SK627677	04/07/1978	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	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	SK620670	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	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>	Sherwood Forest	SK625682	01/01/2002	UK Pseudoscorpion Scheme
<i>Chernes cimicoides</i>	Sherwood Forest CP (C7/8)	SK617682	1978	BAS Survey Team
<i>Chernes cimicoides</i>	Sherwood Forest	SK643694	2002	Denton, M.L.
<i>Chernes cimicoides</i>	Clipstone Old Quarter	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 (C7/8)	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>Chernes cimicoides</i>	Clipstone Old Quarter	SK603668	03/01/2016	Trevor and Dilys Pendleton
<i>Chernes cimicoides</i>	Sherwood Forest CP (C1)	SK607685	15/05/2016	Trevor and Dilys Pendleton
<i>Chernes cimicoides</i>	Attenborough NR	SK522341	20/05/2016	Tim Sexton
<i>Chernes cimicoides</i>	Southwell (Brackenhurst)	SK705515	09/11/2016	Liam Andrews
<i>Chernes cimicoides</i>	Clipstone Old Quarter	SK603667	22/04/2017	Trevor and Dilys Pendleton
<i>Chernes cimicoides</i>	Sherwood Forest CP (C7/8)	SK616681	02/02/2018	Trevor and Dilys Pendleton
<i>Chernes cimicoides</i>	Sherwood Forest CP	SK622680	22/05/2018	Paul and Helen Brock
<i>Chernes cimicoides</i>	Clumber Park	SK619749	16/08/2019	Adrian Dutton and William Sheppard
<i>Chernes cimicoides</i>	Clipstone Old Quarter	SK601665	17/03/2020	Trevor Pendleton
<i>Chernes cimicoides</i>	Sherwood Forest CP (C6)	SK611679	19/03/2020	Trevor Pendleton
<i>Chernes cimicoides</i>	Sherwood Forest CP (C1)	SK607685	25/03/2020	Trevor Pendleton
<i>Chernes cimicoides</i>	Sherwood Forest CP (C6)	SK611679	13/04/2020	Trevor Pendleton
<i>Chernes cimicoides</i>	Clipstone Old Quarter	SK606663	13/04/2020	Trevor Pendleton
<i>Chernes cimicoides</i>	Clipstone Old Quarter	SK609672	13/04/2020	Trevor Pendleton
<i>Chernes cimicoides</i>	Clipstone Old Quarter	SK609672	14/04/2020	Trevor Pendleton
<i>Chernes cimicoides</i>	Sherwood Forest CP (C21)	SK626677	16/04/2020	Trevor Pendleton
<i>Chernes cimicoides</i>	Sherwood Forest CP (C17)	SK627678	02/09/2020	Trevor Pendleton
<i>Chernes cimicoides</i>	Stoke Bardolph Wood	SK649407	24/02/2021	Adrian Dutton
<i>Chernes cimicoides</i>	Holborn Hill Plantation	SK597698	21/03/2021	Trevor Pendleton

### ***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), but it has remained elusive and unrecorded since despite a great amount of searching.

<i>Dendrochernes cyrneus</i>	Sherwood Forest CP (C1)	SK607685	1976	Bee, L.
<i>Dendrochernes cyrneus</i>	Sherwood Forest CP (C7/8)	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

### ***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 and a number of *Lamprochernes chyzeri* were found in a manure heap at Church Warsop on three different occasions in 2020. Nine county records.

<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 (C7/8)	SK617682	23/02/2013	Trevor and Dilys Pendleton
<i>Lamprochernes chyzeri</i>	Southwell (Brackenhurst)	SK698520	19/06/2015	Liam Andrews
<i>Lamprochernes chyzeri</i>	Sherwood Forest CP	SK607685	25/03/2020	Trevor Pendleton
<i>Lamprochernes chyzeri</i>	Church Warsop	SK558687	06/04/2020	Trevor Pendleton
<i>Lamprochernes chyzeri</i>	Church Warsop	SK558687	10/04/2020	Trevor Pendleton
<i>Lamprochernes chyzeri</i>	Church Warsop	SK558687	04/10/2020	Trevor Pendleton

***Lamprochernes nodosus*** (Schränk, 1803)

At the time of the last publication of this atlas, there were just five Nottinghamshire records of this pseudoscorpion, including one historical record dating from Worksop in 1903. Other records included Clumber Park in 1955, Sherwood Forest in 1969, Scrooby in 1973, Clayworth in 1975, with the most recent at the time being from a manure heap at Tug Bridge Farm near Eakring (Pendleton, T.A. and Pendleton, D.T.) in 2015.

There have been several records since, all coming in 2020 (Pendleton, T.A.) from manure heaps or rotting straw bales found at Sherwood Forest CP in 2020 (which proved to be the first Sherwood Forest record for 51 years) at Ollerton Station Farm and Hoveringham. Currently nine Nottinghamshire records.

<i>Lamprochernes nodosus</i>	Clumber Park	SK618718	1955	NBN Gateway
<i>Lamprochernes nodosus</i>	Sherwood Forest CP (C7/8)	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 nodosus</i>	Market Warsop	SK563684	23/04/2016	Trevor and Dilys Pendleton
<i>Lamprochernes nodosus</i>	Sherwood Forest CP	SK624681	28/03/2020	Trevor Pendleton
<i>Lamprochernes nodosus</i>	Ollerton Station Farm	SK648667	11/03/2021	Trevor Pendleton
<i>Lamprochernes nodosus</i>	Hoveringham	SK697458	27/03/2021	Trevor Pendleton

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

There remains just three county records, including specimens taken from Owday Pond near Worksop in 1998 and again 2002, and from Sherwood Forest CP in 2002. This is usually a synanthropic species.

<i>Lamprochernes savignyi</i>	Worksop (Owday Pond)	SK563824	13/06/1998	UK Pseudoscorpion Scheme
<i>Lamprochernes savignyi</i>	Worksop (Owday Pond)	SK574820	31/12/2002	UK Pseudoscorpion Scheme
<i>Lamprochernes savignyi</i>	Sherwood Forest CP (C1)	SK607685	2002	Denton, M.L.

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

There are three records of *Pselaphochernes 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. A distribution map has again been provided in this atlas based on two records (which probably refer to the same individual record) dated as Sherwood Forest on 19/09/1978 and listed on the NBN Atlas, 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 *Pselaphochernes dubius* and the 2002 report even provided some summarisation of all the known Sherwood Forest pseudoscorpion records.

<i>Pselaphochernes dubius</i>	Sherwood Forest	SK627680	1978	BAS Survey Team
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The NBN Atlas 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 *Pselaphochernes dubius* in his book, or in the later published supplement to his original volume.

But the status of this pseudoscorpion in Nottinghamshire should not rest there, as *Pselaphochernes dubius* is a species which is likely to be present in the county, so future recorders should be aware of its potentiality to occur and should continue to look for it.

***Pselaphochernes scorpioides*** (Hermann, 1804)

The only Nottinghamshire records have come from a pile of old bark mulch at Stoke Bardolph Wood, where Adrian Dutton recorded it as new to Nottinghamshire on 02/05/20 (two) and again on 08/05/20. The same site was later visited again on July 3rd 2020 (Pendleton, T.A.) and a bark mulch sample provided a total of eight *P. scorpioides*, including six adults and two immatures.

<i>Pselaphochernes scorpioides</i>	Stoke Bardolph Wood	SK649408	02/05/2020	Adrian Dutton
<i>Pselaphochernes scorpioides</i>	Stoke Bardolph Wood	SK649407	08/05/2020	Adrian Dutton
<i>Pselaphochernes scorpioides</i>	Stoke Bardolph Wood	SK649407	03/07/2020	Trevor Pendleton

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

There appeared to be no post-2000 records of this *Pseudoscorpion* in Nottinghamshire, 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.) in 2015, Attenborough NR in both 2015 and 2016 (Sexton, T.). In 2016 there were several further records from Nottingham Trent University's Brackenhurst Campus at Southwell (Andrews, L. and Heeney, W.) and from a new site at Carlton Wood, Worksop (Andrews, L.).

<i>Chthonius (Chthonius) ischnocheles</i>	Southwell (Crew Lane)	SK718526	01/09/1963	UK Pseudoscorpion Scheme
<i>Chthonius (Chthonius) ischnocheles</i>	Sherwood Forest	SK633675	01/01/1969	UK Pseudoscorpion Scheme
<i>Chthonius (Chthonius) ischnocheles</i>	Sherwood Forest	SK626675	01/07/1969	UK Pseudoscorpion Scheme
<i>Chthonius (Chthonius) ischnocheles</i>	Sherwood Forest	SK633675	01/08/1969	UK Pseudoscorpion Scheme
<i>Chthonius (Chthonius) ischnocheles</i>	Sherwood Forest CP (C7/8)	SK617682	1978	BAS Survey Team
<i>Chthonius (Chthonius) ischnocheles</i>	Sherwood Forest	SK612681	12/06/1979	UK Pseudoscorpion Scheme
<i>Chthonius (Chthonius) ischnocheles</i>	Wallingwells Wood	SK580840	06/05/1991	UK Pseudoscorpion Scheme
<i>Chthonius (Chthonius) ischnocheles</i>	Worksop (Rhodesia Flash)	SK565779	06/08/1997	UK Pseudoscorpion Scheme
<i>Chthonius (Chthonius) ischnocheles</i>	Worksop (Steeley Quarry)	SK544786	14/08/1997	UK Pseudoscorpion Scheme
<i>Chthonius (Chthonius) ischnocheles</i>	Worksop (Steeley Quarry)	SK544785	20/08/1997	UK Pseudoscorpion Scheme
<i>Chthonius (Chthonius) ischnocheles</i>	Lady Lee Quarry	SK564796	08/04/1999	UK Pseudoscorpion Scheme
<i>Chthonius (Chthonius) ischnocheles</i>	Attenborough NR	SK522341	29/09/2015	Tim Sexton
<i>Chthonius (Chthonius) ischnocheles</i>	Southwell (Brackenhurst)	SK696522	16/10/2015	Liam Andrews
<i>Chthonius (Chthonius) ischnocheles</i>	Southwell (Brackenhurst)	SK698520	25/10/2015	Liam Andrews
<i>Chthonius (Chthonius) ischnocheles</i>	Southwell (Brackenhurst)	SK698520	25/10/2015	Liam Andrews
<i>Chthonius (Chthonius) ischnocheles</i>	Southwell (Brackenhurst)	SK698520	11/04/2016	Liam Andrews
<i>Chthonius (Chthonius) ischnocheles</i>	Southwell (Brackenhurst)	SK698522	13/04/2016	Liam Andrews
<i>Chthonius (Chthonius) ischnocheles</i>	Attenborough NR	SK522341	20/05/2016	Tim Sexton
<i>Chthonius (Chthonius) ischnocheles</i>	Southwell (Brackenhurst)	SK699513	11/07/2016	Wil Heeney
<i>Chthonius (Chthonius) ischnocheles</i>	Attenborough NR	SK513339	16/09/2016	Liam Andrews
<i>Chthonius (Chthonius) ischnocheles</i>	Worksop (Carlton Wood)	SK581843	13/09/2016	Liam Andrews
<i>Chthonius (Chthonius) ischnocheles</i>	Worksop (Carlton Wood)	SK581843	16/09/2016	Liam Andrews
<i>Chthonius (Chthonius) ischnocheles</i>	Southwell (Brackenhurst)	SK698522	07/10/2016	Liam Andrews
<i>Chthonius (Chthonius) ischnocheles</i>	Cuckney	SK566699	01/04/2017	Trevor and Dilys Pendleton
<i>Chthonius (Chthonius) ischnocheles</i>	Stoke Bardolph Wood	SK649407	20/06/2020	Adrian Dutton

The latest records seem to be from the same site at Cuckney in 2017 (Pendleton, T.A.) and Stoke Bardolph Wood in 2020 (Dutton, A.).

### ***Chthonius (Ephippiochthonius) kewi*** (Gabbutt, 1966)

Considered by some to be a form of *Chthonius tetrachelatus*, there is a single 1971 record from the Idle Valley (Howes, C.A. *per* Andrews, L.) found in pond weed dredged out of a dyke and which had been left to rot.

<i>Chthonius (Ephippiochthonius) kewi</i>	Idle Valley	SK7196	24/06/1971	Howes, C.A.
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### ***Chthonius (Ephippiochthonius) tetrachelatus*** (Preysslér, 1790)

As far as we are aware, this pseudoscorpion has been recorded just three times in the county since historical records from Bulwell Hall Wood, Grives Wood near Kirkby-in-Ashfield and Mansfield Woodhouse in 1903.

The most recent records came in 2003, when *Chthonius tetrachelatus* was recorded from Walkeringham NR in the north of Nottinghamshire (Williams, H.), with two records within quick succession for the same observer from along a disused mineral railway line at Market Warsop and then from a small wooded area at Cuckney in April 2020.

<i>Chthonius (Ephippiochthonius) tetrachelatus</i>	Walkeringham NR	SK755926	17/04/2003	Howard Williams
<i>Chthonius (Ephippiochthonius) tetrachelatus</i>	Market Warsop	SK755926	20/04/2020	Trevor Pendleton
<i>Chthonius (Ephippiochthonius) tetrachelatus</i>	Cuckney	SK566699	27/04/2020	Trevor Pendleton

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

This is easily the second most common pseudoscorpion in Nottinghamshire and is without any doubt more widespread than records currently suggest. It currently has a rather patchy distribution, but there are a number of records from sites along the Trent Valley.

Three historical records from Sherwood Forest in 1912 (twice) and another from Bramcote in 1916, precede records from Clumber Park in 1964, Birklands (Sherwood Forest) in 1979, Owday Pond near Worksop in 1998 and again in 2002, Carlton Wood at Worksop from 1999 to 2001, then Ash Tree Hill Wood in Clumber Park in 2004 and Oblong Clump in Clumber Park (Binding, A.) in 2005.

<i>Neobisium (Neobisium) carcinoides</i>	Clumber Park	SK6275	16/03/1964	UK Pseudoscorpion Scheme
<i>Neobisium (Neobisium) carcinoides</i>	Sherwood Forest	SK612681	1979	BAS Survey Team
<i>Neobisium (Neobisium) carcinoides</i>	Worksop (Owday Pond)	SK563824	13/06/1998	UK Pseudoscorpion Scheme
<i>Neobisium (Neobisium) carcinoides</i>	Carlton Wood	SK582844	23/03/1999	UK Pseudoscorpion Scheme
<i>Neobisium (Neobisium) carcinoides</i>	Carlton Wood	SK582844	14/07/1999	UK Pseudoscorpion Scheme
<i>Neobisium (Neobisium) carcinoides</i>	Carlton Wood	SK582844	02/02/2001	UK Pseudoscorpion Scheme
<i>Neobisium (Neobisium) carcinoides</i>	Worksop (Owday Pond)	SK574820	2002	UK Pseudoscorpion Scheme
<i>Neobisium (Neobisium) carcinoides</i>	Sherwood Forest	SK612681	2002	UK Pseudoscorpion Scheme
<i>Neobisium (Neobisium) carcinoides</i>	Bramcote	SK5037	2002	BAS Survey Team
<i>Neobisium (Neobisium) carcinoides</i>	Clumber Park (Ash Tree Hill)	SK632753	2004	Allan Binding
<i>Neobisium (Neobisium) carcinoides</i>	Clumber Park (Oblong Clump)	SK622733	2005	Allan Binding
<i>Neobisium (Neobisium) carcinoides</i>	NTU (Clifton Campus)	SK545351	2008	Liam Andrews
<i>Neobisium (Neobisium) carcinoides</i>	Attenborough NR	SK522341	12/03/2015	Tim Sexton
<i>Neobisium (Neobisium) carcinoides</i>	Kelham Country Park	SK774552	23/11/2015	Wil Heeney
<i>Neobisium (Neobisium) carcinoides</i>	Attenborough NR	SK522341	05/01/2016	Tim Sexton
<i>Neobisium (Neobisium) carcinoides</i>	Southwell (Brackenhurst)	SK698522	15/01/2016	Scott Donauer
<i>Neobisium (Neobisium) carcinoides</i>	Attenborough NR	SK522341	27/01/2016	Tim Sexton
<i>Neobisium (Neobisium) carcinoides</i>	Attenborough NR	SK522341	14/03/2016	Tim Sexton
<i>Neobisium (Neobisium) carcinoides</i>	Attenborough NR	SK513339	23/03/2016	Liam Andrews
<i>Neobisium (Neobisium) carcinoides</i>	Southwell (Brackenhurst)	SK698522	23/11/2016	Liam Andrews
<i>Neobisium (Neobisium) carcinoides</i>	Netherfield Lagoons	SK635399	2017	Tony Kavanagh
<i>Neobisium (Neobisium) carcinoides</i>	Southwell (Brackenhurst)	SK697513	06/03/2018	Meg Skinner
<i>Neobisium (Neobisium) carcinoides</i>	Netherfield Lagoons	SK635399	11/09/2018	Tony Kavanagh
<i>Neobisium (Neobisium) carcinoides</i>	Netherfield Lagoons	SK635399	27/12/2018	Tony Kavanagh
<i>Neobisium (Neobisium) carcinoides</i>	Netherfield Lagoons	SK635399	16/09/2019	Tony Kavanagh
<i>Neobisium (Neobisium) carcinoides</i>	Clumber Park (A614)	SK648752	04/12/2021	Trevor Pendleton
<i>Neobisium (Neobisium) carcinoides</i>	Gibraltar Plantation	SK605723	29/06/2022	Trevor Pendleton

The county's most recent records have come from Attenborough NR (Sexton, T.) and Kelham Park (Heeney W.) in 2015, several records from Attenborough NR in 2016 (Sexton, T. and Andrews, L.), three records from Nottingham Trent University's Brackenhurst Campus at Southwell (Andrews, L., Skinner, M. and Donauer, S.) in both 2016 and 2018, three records from Netherfield Lagoons in 2018 and 2019 (Kavanagh, T.) before being found in woodland at Clumber Park alongside the A614 in 2021 and Gibraltar Plantation in 2022 (Pendleton, T.A.).

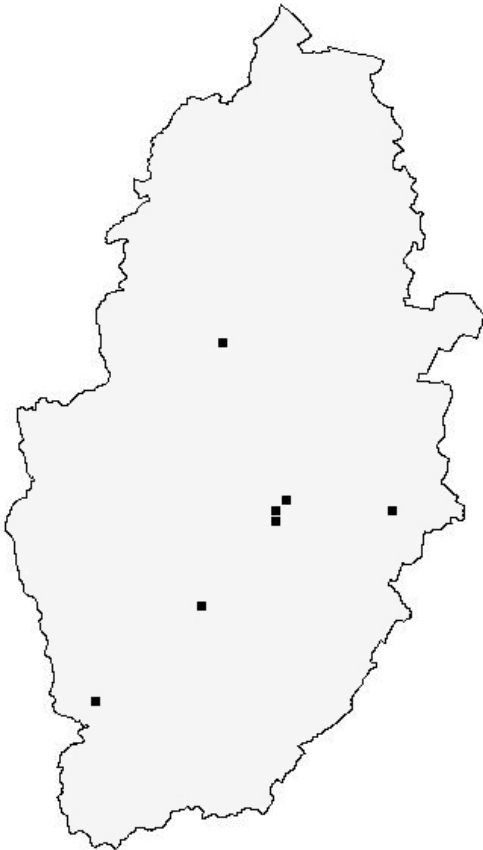
### ***Roncus (Roncus) lubricus* (L. Koch, 1873)**

An elusive species, usually found in leaf litter and moss. At the time of publishing, there are still just four 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.), at Coppice Park in Nottingham on 28/12/15 (Skinner, M. and Heeney, W.) and from Stoke Bardolph Wood in 2020 (Dutton, A.).

<i>Roncus (Roncus) lubricus</i>	NTU (Clifton Campus)	SK583420	2008	UK Pseudoscorpion Scheme
<i>Roncus (Roncus) lubricus</i>	Southwell (Brackenhurst)	SK696522	04/10/2015	Liam Andrews
<i>Roncus (Roncus) lubricus</i>	Nottingham (Coppice Park)	SK583420	28/12/2015	Meg Skinner & Wil Heeney
<i>Roncus (Roncus) lubricus</i>	Stoke Bardolph Wood	SK649408	02/05/2020	Adrian Dutton

Species distribution maps

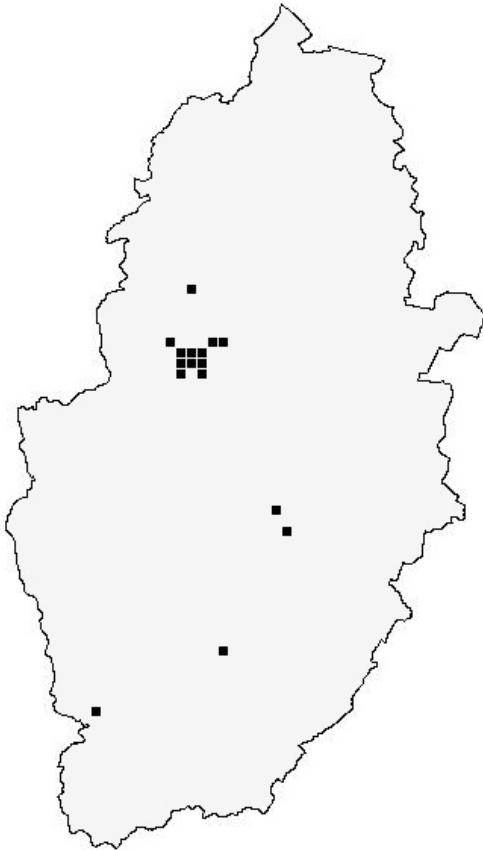
*Cheiridium museorum*



*Allochernes wideri*



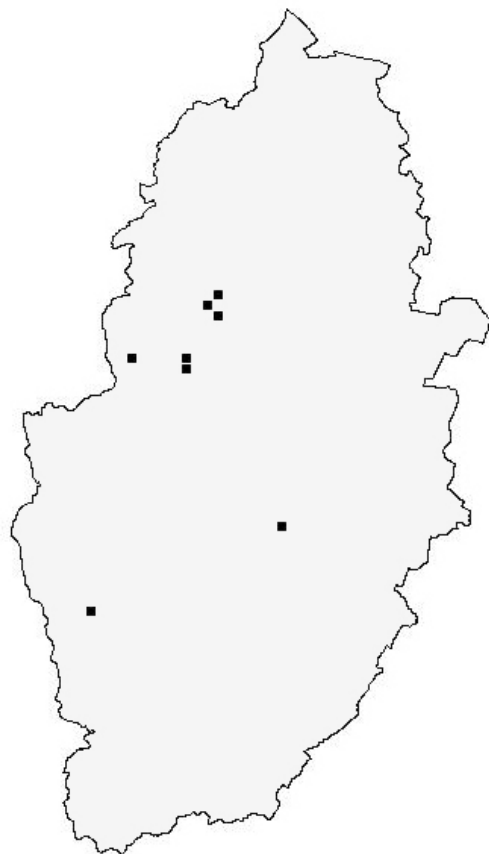
*Chernes cimicoides*



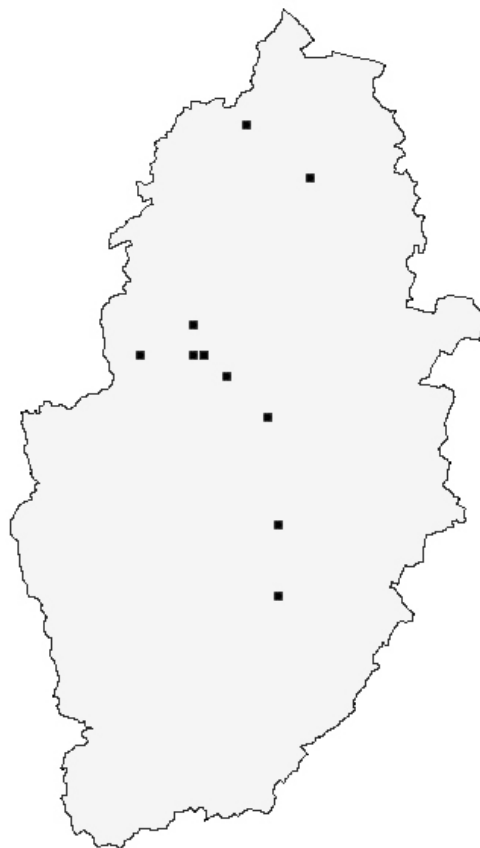
*Dendrochernes cyrneus*



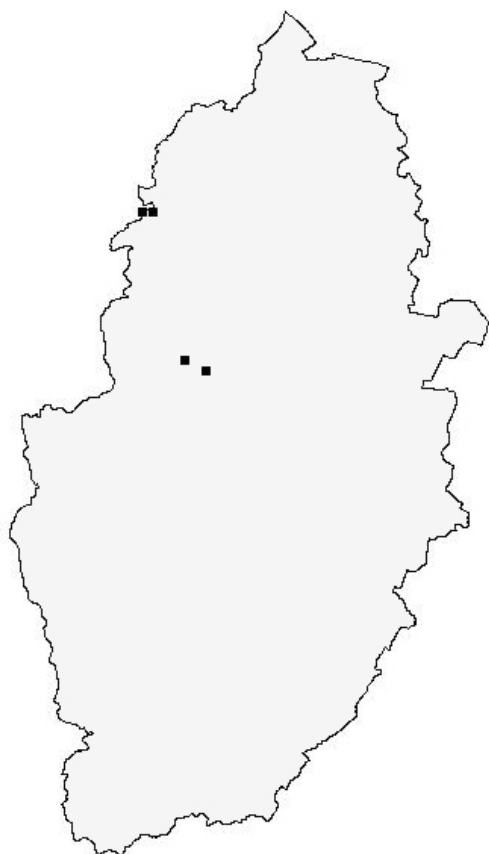
***Lamprochernes chyzeri***



***Lamprochernes nodosus***



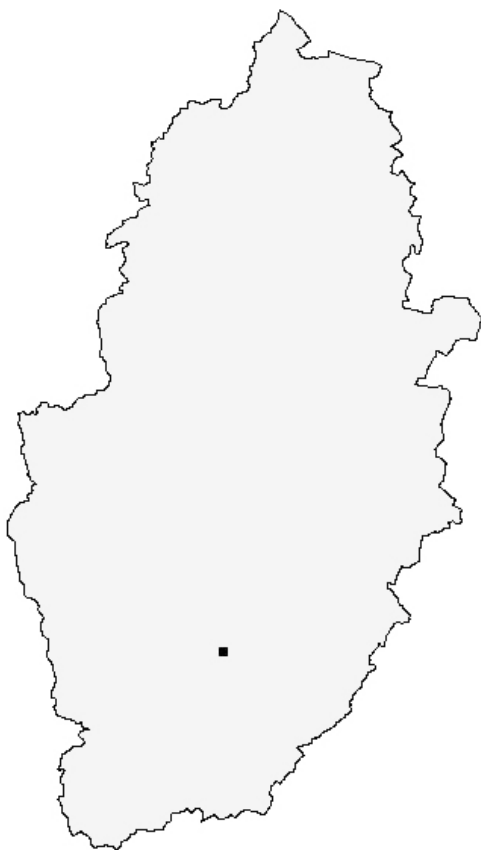
***Lamprochernes savignyi***



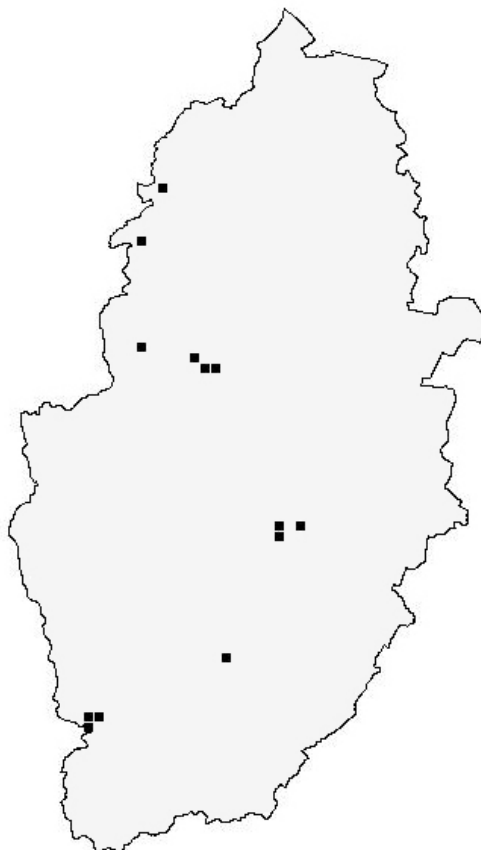
***Pselaphochernes dubius***



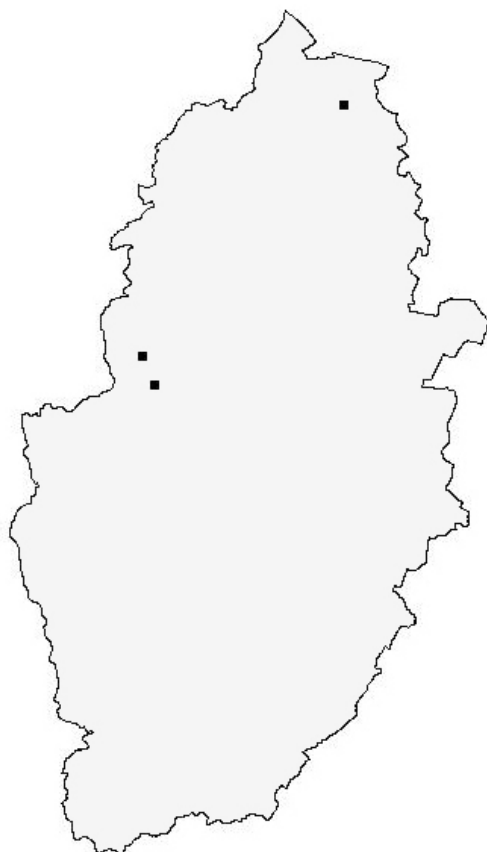
***Pselaphochernes scorpioides***



***Chthonius (Chthonius) ischnocheles***



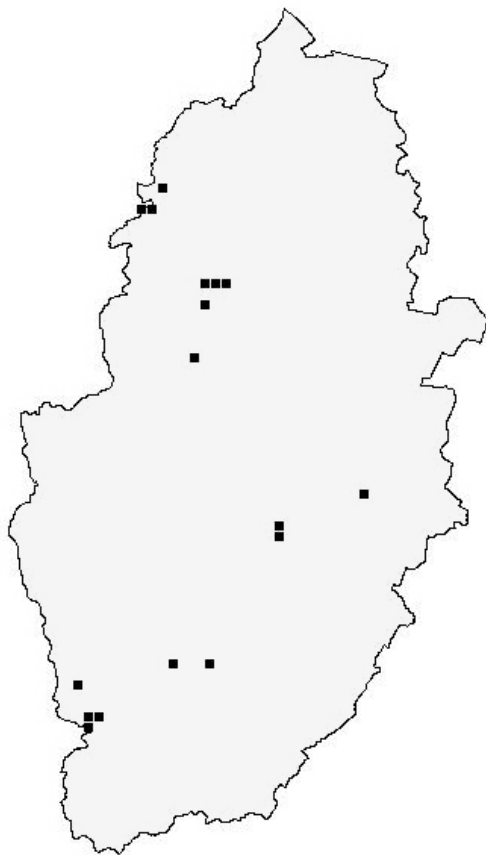
***Chthonius (Ehippichthonius) tetrachelatus***



***Chthonius (Ehippichthonius) kewi***



***Neobisium (Neobisium) carcinoides***



***Roncus (Roncus) lubricus***

