

Non-Marine Recording – Activity and Highlights 2012

Adrian Norris, Non-Marine Recorder

A large and thriving colony of *Helix lucorum* at Pitfield Open Space in Hoddesden in Hertfordshire in June 2012 was an unexpected discovery. A third specimen of this species was found in Cardiff in July 2012. Two further specimens were located in thrushes' anvils in Woolston Eyes SSSI near Warrington, on the southern edge of South Lancashire, in 2013. The find of the large colony sparked a thorough check of all the *Helix pomatia* records received in recent years, in case other records had crept into the system unknown to us. Fortunately, these three records all appear to be separate instances, and do not appear to affect the status of *Helix pomatia* in Britain.

The work being undertaken by Ben Rowson at the National Museum of Wales in Cardiff to update and establish once and for all the status of our slug species in Britain has already produced some very interesting results. Additionally, the work undertaken by the Opal Project on *Limax maximus* has resulted in a large number of incidental records of other large slugs found in gardens. These two projects have resulted in numerous new VC records. The Opal Project has proved how difficult it is to survey gardens and the two projects together indicate how under-recorded slugs are in Britain. The project by Ben Rowson will provide further new records, some of which cannot be published until later.

The paper by Reise Heike* et.al., on *Deroceras invadens* stating that the species we know as *Deroceras panormitanum* is not correct, due to the fact that *Deroceras panormitanum* is a separate species also thought to occur in Britain, helps to bring the whole world of slugs and their identification into a new context. *Heike Reise, John M. C. Hutchinson, Susann Schunack, Bettina Schlitt, 2011, *Deroceras panormitanum* and congeners from Malta and Sicily, with a redescription of the widespread pest slug as *Deroceras invadens*. SP. *Folia Malacologia* Vol. 19(4): 201–223

The outstanding record for this year is the occurrence of *Arion fuscus*. These are the first confirmed records of this species I have within the dataset.

The discovery of a large number of colonies of *Vertigo moulinsiana* in the Midland fens by Tony R. Abrehart as well as *V. geyeri* and *Segmentina nitida* are perhaps the most significant records for the year. (Abrehart, T.R. 2011, Article 17, Reporting cycle on *Vertigo moulinsiana* at Crose Mere, Sweat Mere and Fenemere November 2011 Lot 6 *An ecological survey including floral and fauna observations undertaken for Natural England* by Abrehart Ecology).

A colony of *Hygromia cinctella* in a garden in Southampton also highlighted the problems we have with the NBN and its database. Once I had identified the species and that it was new to South Hampshire, the recorder pointed out that it also occurred on the NBN in several other surrounding areas. None of these records are currently held by us.

East Cornwall (VC2): *Arion rufus* seg. Luxulyan Valley, (SX600568), 03.07.2012, J.A. Turner & B. Rowson

South Devon (VC3): *Arion ater* seg. Dartmoor, (SX612771), 23.07.2011 W.O.C. Symondson, Det. B. Rowson

North Devon (VC4): *Lehmanna valentiana*, (SX591959043), 18.06.2011, Opal Project

North Somerset (VC6): *Limacus maculatus*, (ST5623271583), 28.06.2011, Opal Project

North Wiltshire (VC7): *Limacus maculatus*, (SU1383586590), 16.10.2011, Opal Project

South Wiltshire (VC8): *Arion ater* seg. Upper Canterton, (SU271123); *A. vulgaris*, *Lehmanna valentiana* Salisbury (SU139312); *A. owenii*, E of Brockenhurst, (SU316236) all 25.08.2012 all B. Rowson

Dorset (9): *Limacus maculatus*, Sutton Ponytz, (SY704837), 01.03.2013, John Newbould, Det. A. Norris

South Hampshire (VC11): *Arion circumscriptus* seg. Hinton Ampner, (SU597274), 16.06.2012, A. Norris; *Hygromia cinctella*, 120 Oaktree Road, Southampton, (SU4414), 10.10.2012, Mark G Painter, Conf. A. Norris

North Hampshire (VC12): *Cochlicella acuta*, Thruxton, (SU297458) 18.08.2012; *Hygromia cinctella*, Four Marks & Glebe Meadows, Overton (SU5140-5150) 01.03.2010 both Dr J. Denton; *Malacolimax tenellus*, Chawton Park Wood, Medstead, near Alton, (SU6731236530), 25.10.2012, June Chatfield

West Sussex (VC13): *Lehmannia valentiana*, (TQ1066704356), 27.05.2012, Opal Project; *A. rufus* seg., *A. vulgaris*, Findon Valley, (TQ131673) 09.07.2012, P.G. Oliver, Det. B. Rowson; *Helix pomatia*, Bignor Hill near Petworth, (SU975130) Sebastian Anstruther, 02.2012, Det. M.J. Willing

East Sussex (VC14): *Arion circumscriptus* seg. Battle Site near Hastings, (TQ750157); *Physella acuta*, (TQ748152), 19.06.2012, A. Norris; *Lehmannia valentiana*, (TQ3933138590), 02.10.2011, Opal Project

East Kent (VC15): *Hygromia cinctella*, Cuxton Pit, (TQ7267) 2005 Dr J. Denton; *Physella acuta*, Canterbury, (TR137587), 28.04.2002, Ron Carr; *Arion ater* seg. Blean Woods NNR, (TR121594) 08.10.2011 B. Rowson

West Kent (VC16): *Arion distinctus*, All Saints Church, Snodland, (TQ707618), 30.06.2012, A. Norris; *Physella acuta*, Farningham Wood, (TQ5368), 10.05.2001, Ron Carr; *A. flagellus*, One Tree Hill (TQ580533). 07.10.2011, B. Rowson

Surrey (VC17): *Physella acuta*, Morden Hall Park, (TQ2668), 19.05.2001, Ron Carr

South Essex (VC18): *Limacus maculatus*, (TQ5425592358), 02.05.2012, Opal Project

North Essex (VC19): *Limacus maculatus*, (TM0171224902), 12.05.2012, Opal Project

Hertfordshire (VC20): *Helix lucorum* Hoddesdon, (TL3607), 09.06.2012, Maurice Pledger, Det. A. Norris

Middlesex (VC21): *Limacus maculatus*, (TQ1366882527), 09.06.2011, Opal Project; *Arion rufus* seg, Enfield, (TQ330960), 17.08.2012, B. Rowson

Oxfordshire (VC23): *Limacus maculatus*, (SP5291504311), 15.08.2011, Opal Project

Buckinghamshire (VC24): *Helix pomatia* Aston Clinton Ragpits, (SP887107), 23.05.2005, Martin C. Harvey; *Limacus maculatus*; Great Missenden, (SP896011), Rosemary Pearce, 30.11.2008, Det. Martin C. Harvey; *Physella acuta*, Grand Union Canal, nr Iver, (TQ045806), 19.08.2012, Steven Green, Det. A. Norris; *Stagnicola fusca*, Farlows lake, (TQ04078010), 12.11.2012, Steven Green, Det. Ron Carr

West Suffolk (VC26): *Arion circumscriptus*, Sapiston, (TL932762), 13.08.2011, B. Rowson

East Norfolk (VC27): *Limacus maculatus*, (TG2142201141), 10.04.2012, Opal Project; *Arion ater* seg. Wheatfen Broad, (TG327547), 15.08.2011, R. Baker, D. Howlett, Det. B. Rowson

West Norfolk (VC28): *Limacus maculatus*, (TF8177415118), 26.10.2011, Opal Project

Cambridgeshire (VC29): *Limacus flavus*, Wicken, (TL571710), 04.08.2012, Chris Du Feu; *Arion ater* seg, *A. vulgaris*, (TL571702), Wicken, 01.09.2012, *A. circumscriptus* seg. (TL571710) Wicken, 20.04.2012 Chris Du Feu, Det. B. Rowson

Bedfordshire (VC30): *Limacus maculatus*, (TL0635843741), 29.06.2011, Opal Project

Huntingdonshire (VC31): *Arion distinctus*, Orton Hall, Peterborough, (TL168966), 01.07.2012,

A. Norris

East Gloucestershire (VC33): *Limacus flavus* Conygre Wood, Stroud, (SO869048), 21.01.2012; *Arion distinctus*, Painswick (SO858097) 22.01.2012; *Arion rufus*, Painswick, (SO866109), 08.04.2012 all John Fleming

West Gloucestershire (VC34): *Arion circumscriptus* seg. *A. distinctus*, *A. hortensis*, The Slaughter, (SO553142), J.A. Turner, Det. B. Rowson

Monmouthshire (VC35): *Arion distinctus*, *A. owenii*, *A. flagellus*, Old Quarry, (SO1529500636), 06.01.2012; *A. silvaticus*, Aberbargoed Grasslands, (ST1641299110), 07.01.2012; *A. ater* seg., Commin, (SO158015), 22.06.2012 all Christian Owen; *A. rufus* seg. Aberbargoed, (SO157707), 29.09.2011, C. Owen, Det. B. Rowson

Worcestershire (VC37): *Arion ater* seg. (SO740757), *A. silvaticus*, (SO758769), 17.09.2011, B. Rowson

Warwickshire (VC38): *Limacus maculatus*, (SP1503488854), 25.06.2011, Opal Project

Staffordshire (VC39): *Arion owenii*; *A. flagellus*, (SJ 843467), Newcastle-under-Lyme, 04.01.2012, John Fleming; *A. rufus*; *A. distinctus*, *A. silvatica*, Newmarket, (ST4398), 07.04.2012 all John Fleming; *Vertigo moulinsiana*, Aqualate Mere NNR, (SJ780202), 01.2012, Toby R. Abrehart

Shropshire (VC40): *Arion owenii*, Pettingham, (SO815946), 01.09.2012, John Fleming, Det. B. Rowson; *Limacus flavus*, *Arion distinctus*, Altringham Park, (SJ5410), 04.10.2012 all Chris du Feu; *Vertigo moulinsiana*, Cross Mere, (SJ4330), 01.2012, Toby Abrehart, (Confirmation of old record)

Glamorgan (VC41): *Helix lucorum*, Cardiff, (ST182763), 06.07.2012, B. Rowson.; *Lehmannia valentiana*, (ST01766805), 06.04.2012, Opal Project; *Arion flagellus*, *A. circumscriptus*, Old Mill Bridge . Rhymney River, (SO15060034), 06.01.2012; *A. silvaticus*, Rhaslas Pond, (SO0907), 07.01.2012; *A. distinctus*, *Groes-faen Quarry*, (SO1431900956), 22.04.2012; *A. ater* seg, Rhaslas Pond, (SO0907), 17.05.2012 all Christian Owen; *A. rufus* seg. 19.09.2011, *Limacus flavus*, 23.08.2011, Pontyclun, (ST378816), *L. maculatus*, (SS889734), near Ogmores-by-Sea, 22.08.2011 all B. Rowson

Breconshire (VC42): *Arion flagellus*, *A. distinctus*, *Llwyn-on Reservoir*, (SO007119), 08.01.2012 all Christian Owen; *A. ater* seg. (SN994212), 07.04.2012, *A. rufus* seg. 24.09.2011, both Brecon Beacons NP, B. Rason, *Agriolimax agreste*, Craig Carreg-Gleisiad & Fan Frynych NNR, (SN962219), 18.05.2012, J.A. Turner, Det. B. Rowson

Merionethshire (VC48): *Arion ater* seg. Cadair Idris (SH718122), *A. rufus* seg, Plas Tan-y-Bwlch, (SH656407), *A. distinctus*, Coed Camlyn NNR, (SH657398) all 05.2012, J.A. Taylor Det. B. Rowson

Caernarvonshire (VC49): *Arion ater* seg. near Pencraig, NE of Betws-y-Coed, (SH772562), *A. silvaticus*, Cwm Idwal NNR, (SH645582), 15.05.2012, J.A. Turner Det. B. Rowson

Denbighshire (VC50): *Arion flagellus*, Glyn Ceiriog, (SJ192349), *A. owenii*, Ceiriog Valley, (SJ228377), both 03.08.2011, W.O.V. Symondson, Det. B. Rowson

South Lincolnshire (VC53): *Limacus maculatus*, (TF0596164207), 15.06.2011, Opal Project

North Lincolnshire (VC54): *Arion silvaticus*, Carr's Lane, Gainsborough, (SK8188), 22.04.2012; *Arion ater* seg, Kirton-in-Lindsey, (SK935989), 21 03.2012; *A. circumscriptus*, Lady Lee Quarry, (SK5679), 21.04.2012 all Chris Du Feu

Leicestershire (VC55): *Hygromia cinctella*, Leicester, (SK625033), 25.05.2012, Dave Nicholls, Det. A. Norris; *Limacus maculatus*, (SP6135299583), 13.06.2011, Opal Project

Nottingham (VC56): *Anisus leucostoma*, Beckingham Marshes, (SK794895), 17.07.2012, Chris Du Feu; *Arion fuscus*; Ash Tree Hill Wood, Clumber Park Country Park, (SK633753), 21.04.2012, B. Rowson & Chris du Feu

Derbyshire (VC57): *Limacus maculatus*, (SK4866032937), 12.07.2011, Opal Project; *Arion ater* seg. NE of Buxton, (SK150826), 22.09.2012, P. & C. Tattersfield, Det. B. Rowson

Cheshire (VC58): *Vertigo moulinsiana*, Chapel Mere, SSSI (SJ539516); *V. geyeri*, Wybunbury Moss NNR, (SJ695502); *Segmentina nitida*, Tatton Park Mill Pond, (SJ759817), 01.2012, all Toby R. Abrehart

South Lancashire (VC59): *Helix lucorum*, Woolston Eyes SSSI, near Warrington, (SJ649884) Kieran Foster, 02.02.2013, Det. Ian Wallis

West Lancashire (VC60): *Arion distinctus*, *Limacus maculatus*, Carnforth, (SD496704), 19.02.2012, Chris Du Feu

North-east Yorkshire (VC62): *Arion vulgaris*, Scarborough Spa Complex, (TA0487), 22.08.2012, *Arion ater* seg. Baxton's Wood (SE612887), 26.09.2012, A. Norris, *et al*, Det. B. Rowson

Durham (VC66): *Stagnicola fusca*, Hell's Kettles, (NZ280108), 14.07.2012, A. Norris

South Northumberland (VC67): *Limacus maculatus*, (NZ2947381824), 13.06.2011, Opal Project

Westmorland (69): *Arion owenii*, Ambleside, (NY37670354), 04.07.2012; *Lehmannia valentiana*, Bowness, (SD409976), 01.07.2012, Chris Du Feu; *A. rufus* seg, Elterwater, (NY317470) 02.08.2012, *A. ater* seg. Moss Rigg Wood, (NY312290), 03.08.2012 both J.A. Turner & V.Purewal, Det. B. Rowson

Cumberland (70): *Zonitoides arboreus*, Carlisle, (NY4055), 22.04.2008, S.P. Dance, Det. Tom Walker

Wigtownshire (VC74): *Stagnicola fusca*, Elrig Loch, (NX324493), 22.05.2012, A.T. Sumner, Det. Ron Carr

Ayrshire (VC75): *Limacus flavus*, Ayr, (NS333220), 03.09.2012, N.G. Foster Det. B. Rowson

Renfrewshire (76): *Lehmannia valentiana*, (NS546583), *Balea heydeni*, (NS549578), Rouken Glen, both 05.10.1912, A.T. Sumner

Peeblesshire (VC78): *Stagnicola fusca*, The Cuddy, (NT250411), 26.05.2012, A.T. Sumner, Det. Ron Carr

Selkirkshire (VC79): *Limacus maculatus*, (NT4718128532), 04.09.2011, Opal Project

Roxburghshire (VC80): *Azeca goodalli*, *Limax cinereoniger*, Denholm Dean, (NT564172), 19.05.2012, A.T. Sumner

Midlothian (VC83): *Hygromia cinctella*, Roseburn Path, Edinburgh, (NT2273), 13.07.2012, A.T. Sumner

West Lothian (VC84): *Hygromia cinctella*, Eliburn Wood, Livingston, (NT036683), 11.04.2012; *Lehmannia valentiana*, *Succinea putris*, *Monacha cantiana*, Kirkliston, (NT1274), 09.2012 all A.T. Sumner

Fifeshire (VC85): *Milax gagates*, *Hygromia cinctella*, St Andrews, (NO5116), 03.07.2012; *Acicula fusca*; *Vertigo pusilla*, Aberdour-Burrtisland, (NT206865), 28.04.2012; *Lehmannia valentiana*, Kinghorn, (NT270865), 05.07.2012 all A.T. Sumner

West Perthshire (VC87): *Limacus maculatus*, (NN7259601649), 06.04.2012, Opal Project

- Mid Perthshire** (VC88): *Tandonia budapestensis*, Easter Moncreiffe, (NO149195), 10.09.2010, J.A. Turner Det. B. Rowson
- South Aberdeenshire** (VC92): *Boettgerilla pallens*, *Arion owenii*, *Arion flagellus*, Seaton Park, Aberdeen, (NJ9309), 25.07.2012; *Musculium lacustre*, Haughton Country Park, (NJ577165), 26.07.2012 all A.T. Sumner; *Limacus maculatus*, (NJ5853704432), 23.06.2011, Opal Project
- North Aberdeenshire** (VC93): *Arion owenii*, *Arion flagellus*, *Lehmanna valentiana*, Aden Country Park, (NJ9848); *Boettgerilla pallens*, Mintlaw Station, (NJ989484), 24.07.2012, all A.T. Sumner
- Moray** (VC95): *Arion fuscus*, Dulnain Bridge, Cairngorms NP, (NJ254250), 09.09.2010, J.A. Turner Det. B. Rowson
- East Inverness** (VC96): *Arion circumscriptus* seg. Insh Marshes NNR, (NH804303) 09.09.2010, J.A. Turner Det. B. Rowson
- Outer Hebrides** (VC110): *Arion rufus* seg. Isle of Lewis (NB476398), 30.07.2002, Chris Du Feu, Det. B. Rowson,
- Channel Islands** (VC113): *Arion rufus* seg. Groznez, St. Ouen, (WV554561), 30.08.2002, Chris Du Feu, Det. B. Rowson,
- West Cork** (H3): *Arion hortensis*, Schull and environs, near Ballydehob, (V928315), 02.09.2011, R. Anderson & J.A. Taylor, Det. B. Rowson
- Mid Cork** (H4): *Arion vulgaris*, Schull and environs, (W662716), 02.09.2011, R. Anderson & J.A. Taylor, Det. B. Rowson
- West Galway** (H16): *Arion hortensis*, S part of Rusheen Bay, (M251231), *Limax cinereoniger*, Lettercraffoe Lough, (M756376), 06.09.2011, B. Rowson; E part of Rusheen Bay, (M260237), 05.09.2011, R. Anderson & J.A. Taylor, Det. B. Rowson
- Roscommon** (H25): *Arion ater* seg., *A. circumscriptus* seg. W shore of Loch Ree near Lecarrow, (M997563), 07.09.2011, R. Anderson & J.A. Taylor, Det. B. Rowson



Moss Bladder Snail *Aplexa hynorum*, Wey Valley (J. Denton)

Some recent Snail Records from Southern England

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Moss Bladder Snail *Aplexa hypnorum*, appears to be declining especially in south-east England, with only old records given for Surrey in the *Atlas of Land and Freshwater Molluscs of Britain and Ireland* (Michael Kerney, 1999). However I have found five populations along the Wey valley from a marsh beside Farnham by-pass (SU8547), Thundry Meadows (SU8944) on 30.4.2005, Lakeside Guildford in 2008, Papercourt Marshes (TQ0356) and Chertsey Meads (TQ0666) in 1.5.2008. Rare, known mainly from 19th Century records, recorded twice in 1902 from Kew Lake and from Pyrford in 1909.

***Point Snail Cochlicella acuta* New to VC12**

Inland colonies are likely to be introductions and prone to fading out. However a huge colony was found at Thruxton (SU297458) on 18.8.2012. The site is a tip with large amounts of imported crushed inert fill (concrete/brickwork), and is famous for unusual ruderal plants. These appear to be first records from North Hampshire (VC12).

Girdled Snail *Hygromia cinctella*

The meteoric rise of this species continues apace:-

West Kent (VC15) Cuxton Pit, waste ground at edge of large chalk pit (TQ7267) 2005-2012 **New to VC15**

North Hampshire (VC12) Four Marks, (rural garden) (SU5150) 1.3.2010, Overton (SU5150) **New to VC12** amenity trees beside library and at Glebe Meadow, Overton (SU5149) (rural garden) 1.3.2010.

Surrey (VC17) Ham Lands (TQ1672) Ham Lands (TQ1672) 23.4.2010, Brooklands Airfield, amenity planted hedge (TQ0661), 13.6.2011, Pirbright Common (hedge near cemetery) (SU9456), 19.6.2011, Farnham, suburban garden (SU8445), 24.7.2011 Nunhead Cemetery (TQ3575), 22.5.2012. Peckham, community garden (TQ347612), Camberwell (TQ327612), 12.6.2012, Hurtmore Golf Course (rural hedgerow) (SU9445), 24.9.2012

South Essex (VC18) North Woolwich, ruderal area (TQ437928) Sep 2011