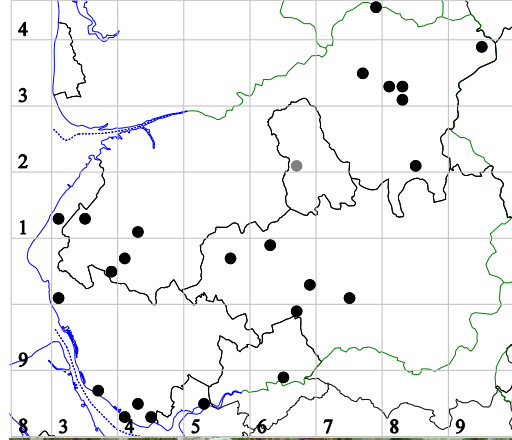


LAMIACEAE

Dead-nettle family

SUBFAMILY 1 - LAMIOIDEAE

Stachys byzantina K. Koch Lamb's-ear



Speke DP Earl 2010

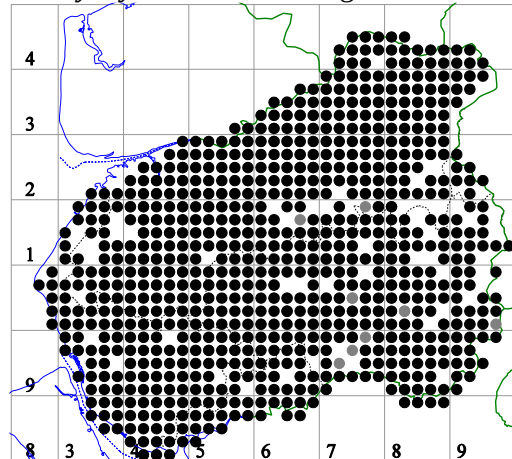
Status & distribution: Neophyte-naturalised; a widely scattered garden escape.

Earliest record traced: Near Roddlesworth (SD6621).

Habitat: Derelict ground and canal banks.

Comments: Native to Turkey, Iran, Armenia and Azerbaijan.

Stachys sylvatica L. Hedge Woundwort

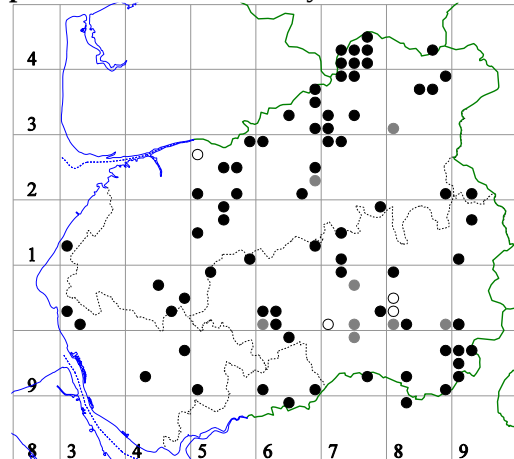


Lower Penwortham DP Earl 2008

Status & distribution: Native, Least Concern (Red List for England); common and widespread.

Habitat: Hedgerows, woods, meadows, streambanks, railway banks and waste ground.

Stachys x *ambigua* Sm = *S. sylvatica* x *S. palustris* Hybrid Woundwort



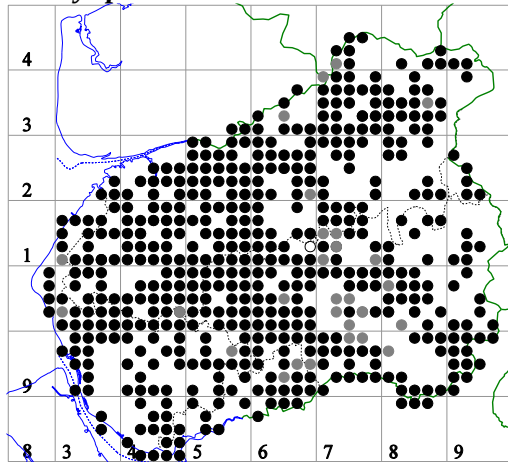
River Ribble, Walton-le-Dale DP Earl 2020

Status & distribution: Native, Axiophyte; widely scattered, occasional to locally frequent.

Habitat: River and stream banks, canal margins, woodland borders and damp tall herb meadows.

Comments: It has been suggested (J Lowell) that introgression may be frequent.

***Stachys palustris* L.** Marsh Woundwort



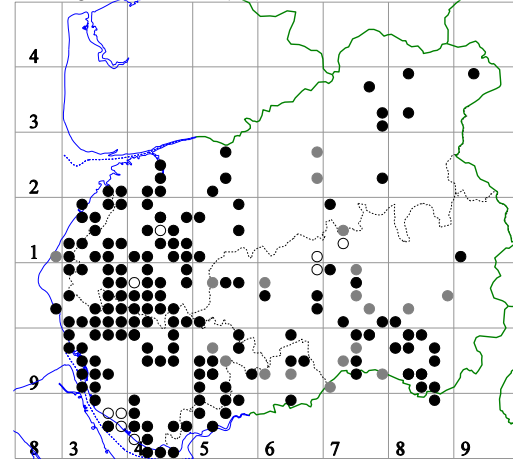
Hightown DP Earl 2008

Status & distribution: Native, Least Concern (Red List for England); common and widespread.

Habitat: Marshes, damp meadows, canals and ditch banks; occasional as a weed of arable fields.

Comments: The var. *canescens* Lange was recorded from potato fields at Holland Moss (SD40W) & Halsall (SD31Q), DE Allen, 1950.

***Stachys arvensis* (L.) L.** Field Woundwort



Rainford DP Earl 2008

Status & distribution: Archaeophyte-colonist; Near Threatened (Red List England), Axiophyte; most frequent in the west and the arable districts, increasing in lowland urban areas, occasional elsewhere.

Habitat: Arable fields, flowerbeds and waste ground.

***Stachys annua* (L.) L.**

Annual Yellow-woundwort

Status & distribution: Neophyte-casual; plentiful by the canal, Aintree (SJ39U, JA Wheldon, for several years up to 1892); ballast, Garston Docks (SJ38X, Rev. S Gasking, 1898 *Botanical Exchange Club Report* p. 585 1898, p. 585); slagheap, Bradford Park, Bolton (SD70J, T Greenlees, 1908).

Habitat: Disturbed ground.

Comments: Native to mainland Europe.

***Stachys coccinea* Jacq.** Texas Betony

Status & distribution: Neophyte-casual; Liverpool Docks (SJ39, 1909 Herb Ellis teste R Wagstaffe *Botanical Exchange*

Club Report 1930); Martin Mere (SD41H, AG Langdon, 1930).

Comments: Native to America.

***Stachys cretica* L.**

Mediterranean Woundwort

Status & distribution: Neophyte-casual; in an old fowl run Birkdale (SD31H, H Ball & C Bailey 1907, MANCH); Blundellsands (SJ39E, *Botanical Exchange Club Report* 1923 p.53); garden ground formerly used as a fowl run, Walton (SJ39M, WG Travis, 1926, det. A Thellung).

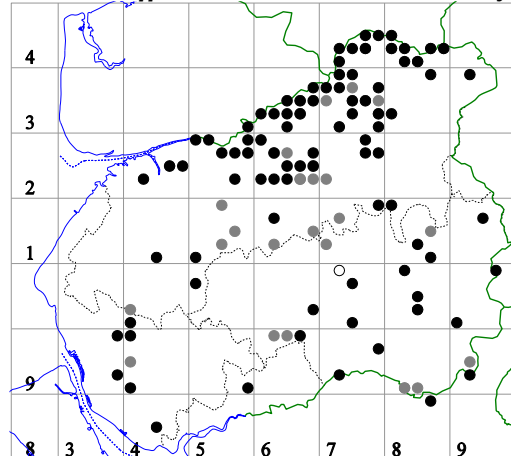
Habitat: Records are associated with domestic fowl and no doubt plants were introduced with feed-grain.

Comments: Native to Mediterranean Europe and temperate Asia.



Yarrow J Haddon 2023

***Betonica officinalis* L.** Betony



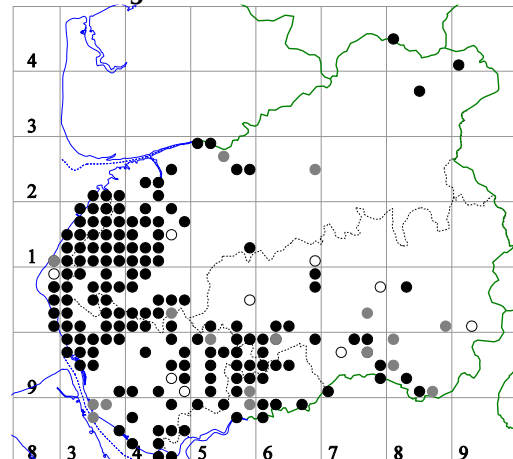
Preston Junction DP Earl 2020

Status & distribution: Native, Least Concern (Red List for England), Axiophyte; locally common in the north-east particularly along the Ribble and tributary valleys, occasional elsewhere.

Habitat: Unimproved meadows, scrubby fields and roadside verges with plants often occur on field slopes and embankments.

Comments: Declined due to the general loss of species-rich grassland.

***Ballota nigra* L.** Black Horehound



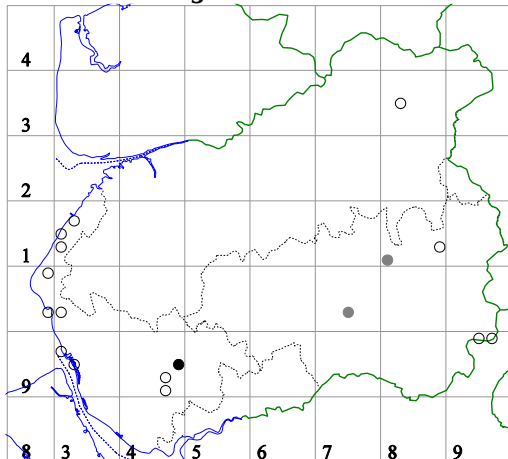


Southport DP Earl 2008

Status & distribution: Archaeophyte-denizen, Least Concern (Red List for England), Axiophyte; locally common in the west, occasional elsewhere generally at low altitudes.

Habitat: Hedgebanks, arable field margins and waste ground on well-drained usually sandy soils.

***Marrubium vulgare* L. White Horehound**



Status & distribution: Casual in South Lancashire; only recorded from (SJ49X, PS Gateley, 1997); formerly more widely distributed.

Earliest record traced: Southport (SD31I, H Aughton, c. 1826). There is an un-localised record for SD60.

Habitat: Waste ground and tips.

***Leonurus cardiaca* L. Motherwort**

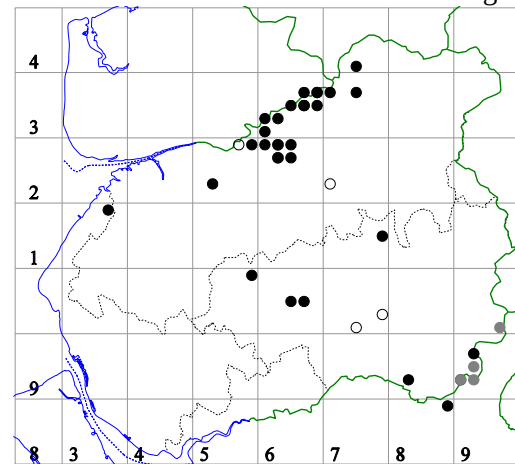
Status & former distribution: Neophyte-casual or naturalised; Tarleton Bridge (SD42Q, S Hailsone, 1801); hedgebanks near Southport (SD31, H Aughton, 1835); Churchtown (SD31U, WH Stansfield, n.d.); Scarisbrick (SD31S, Rev WW Mason, 1898); Hoghton (SD62D, Accrington Nat. Hist. Soc., n.d.); Scotbarn

Lane, Whiston (SJ49R, M Toohey, 1909); in a stackyard, Marshside (SD31U, n.d.) & Ainsdale (SD31B, 1951) FW Holder.

Habitat: Waste ground, arable fields, and a relic of cultivation.

Comments: Native to mainland Europe; declining due to increased purity of grain and the extinction of former established populations. It is likely that some plants originated as impurities of sown and spilt grain. Motherwort was also a widely cultivated perennial medicinal herb in the British Isles and some historic records may relate to cultivation.

***Lamiastrum galeobodolon* (L.) Ehrend. & Polatschek ssp. *montanum* (Pers.) Ehrend. & Polatschek Yellow Archangel**



Marles Wood DP Earl 2011

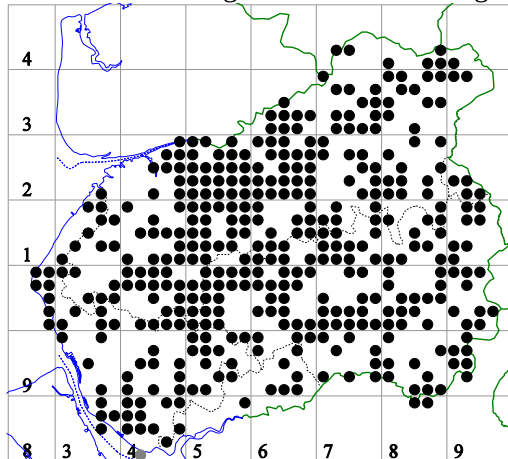
Status & distribution: Native, Least Concern (Red List for England), Axiophyte; locally frequent in the Ribble,

Darwen and Tame valleys, very local elsewhere.

Habitat: Woods along river valleys, gorges and in wooded cloughs on clay soils and on red sandstone outcrops.

Comments: May be declining but can be overlooked when not in flower especially when growing in wooded gorges with difficult access.

Lamiastrum galeobodolon (L.) Ehrend. & Polatschek ssp. *argentatum* (Smejkal)
Stace Variegated Yellow Archangel



Padiham DP Earl 2008

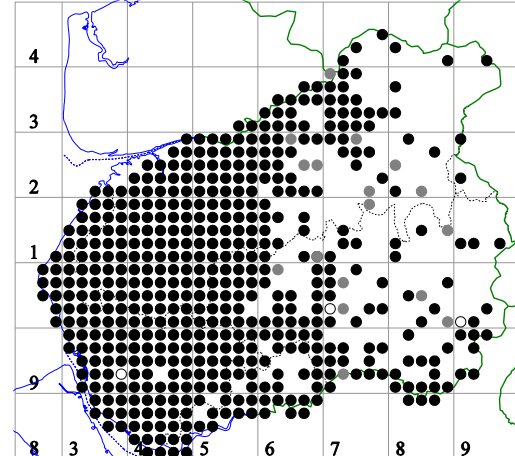
Status & distribution: Neophyte-naturalised; widely established near habitation; increasing along streamside habitats in more rural areas.

Earliest records traced: Old railway, Walkden (SD7302) & Broad Oak Park, Worsley (SD7600) DP & J Earl, 1992.

Habitat: Woods, shaded ground, streambanks and railway banks.

Comments: Origin uncertain, now more widely distributed and more competitive than the native woodland subspecies; frequently well established in woodlands and displacing the native woodland flora.

Lamium album L. White Dead-nettle



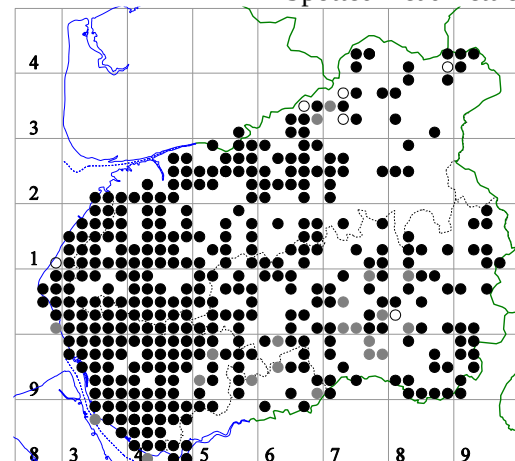
Bamber Bridge DP Earl 2020

Status & distribution: Archaeophyte - denizen, Least Concern (Red List for England); common in the west, extending inland along the river valleys.

Habitat: Roadsides, arable field margins, beneath hedges and along riverbanks.

Lamium maculatum (L.) L.

Spotted Dead-nettle





Hesketh, Southport DP Earl 2008

Status & distribution: Neophyte-naturalised; widely established, most frequent in the west.

Earliest records traced: Leyland Road, Bamber Bridge (SD52M) & Ribchester Road (SD63S) *Flora of Preston* 1865.

Habitat: Shaded banks, woods, old railways and roadside verges where garden refuse has been disposed.

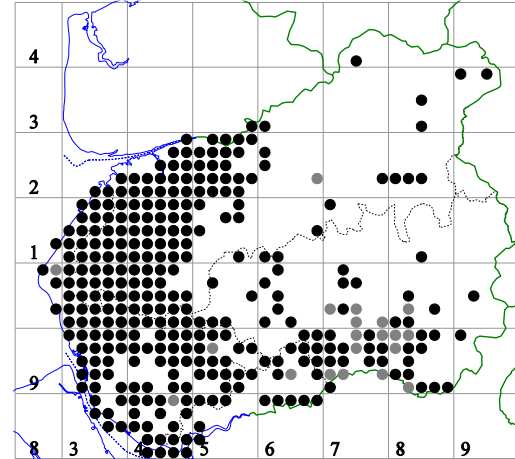
Comments: Native to mainland Europe.

England); common in lowland districts, occasional elsewhere.

Habitat: Arable fields, disturbed ground, sand-dunes, flowerbeds, pavements and tips.

***Lamium hybridum* Villars**

Cut-leaved Dead-nettle



Southport DP Earl 2008

Status & distribution: Archaeophyte-colonist, Least Concern (Red List for England), Axiphyte; common in lowland districts, especially in the west, generally casual elsewhere.

Habitat: Arable fields, flowerbeds, disturbed ground and pavements.

***Lamium confertum* Fr.**

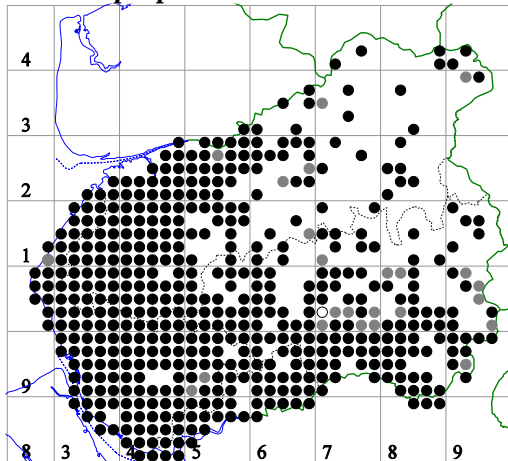
Northern Dead-nettle

Distribution: Archaeophyte-colonist, [Endangered \(Red List for England\)](#); casual in an arable field by Three Pools Waterway, Banks (SD3719 & SD3720, DP & J Earl, 1996, BON).

Former distribution: A lane side at Ince Blundell (SD30G, JA Wheldon, 1899).

Habitat: Roadside, arable field margin.

***Lamium purpureum* L. Red Dead-nettle**



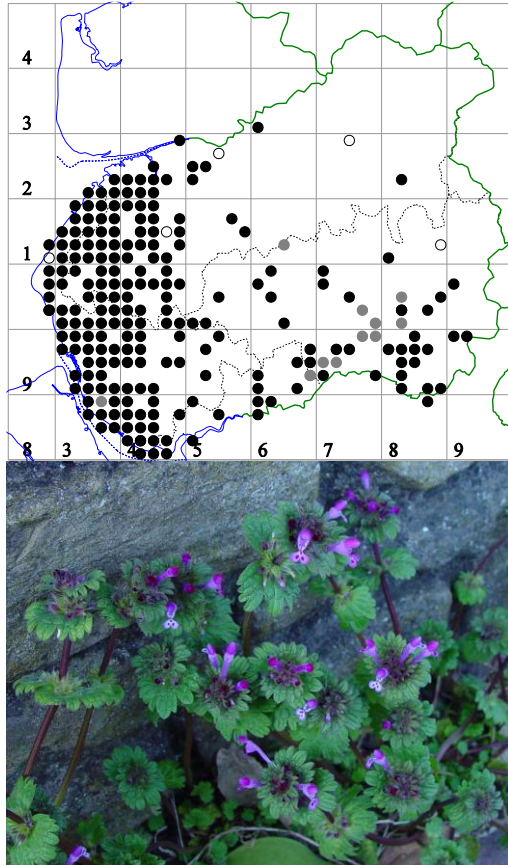
Southport DP Earl 2008

Status & distribution: Archaeophyte-colonist, Least Concern (Red List for

Comments: A Biological Record Centre record for Didsbury (SJ89) is considered dubious.

***Lamium amplexicaule* L.**

Henbit Dead-nettle



Southport DP Earl 2008

Status & distribution: Archaeophyte-colonist, Least Concern (Red List for England), Axiophyte; frequent in the west and occasional elsewhere in lowland districts.

Habitat: Arable fields, flowerbeds, disturbed ground and pavements.

Comments: Less abundant than *L. purpureum* or *L. hybridum*.

[*Galeopsis segetum* Neck.

Downy Hemp-nettle

Status & distribution: Dubious; classed as Extinct (*Vascular Plant Red Data List* 2005). A recent record from Will Hill Brook (SD70D, HM Kelly, 1997) is dubious and clearly requires confirmation. It is possible that the plant may have been *G. speciosa*.]

***Galeopsis angustifolia* Ehrh. ex Hoffm.**

Red Hemp-nettle

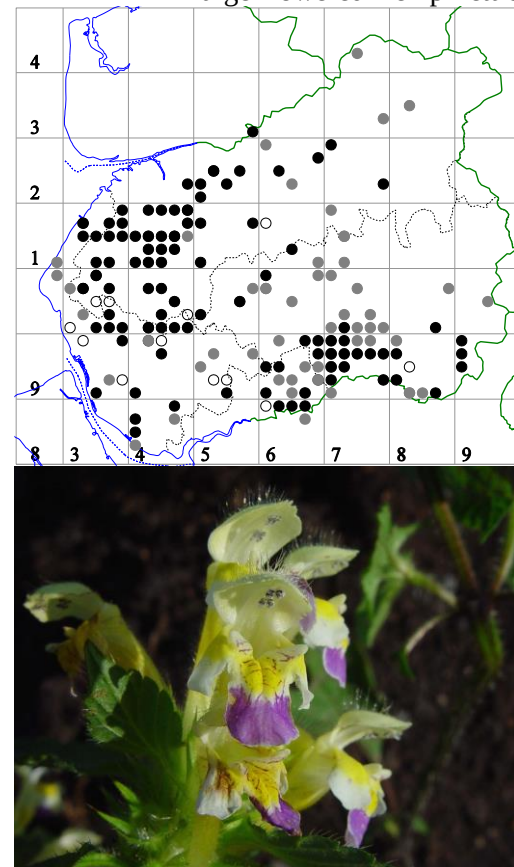
Status & distribution: Archaeophyte-denizen, Nationally Uncommon, Critically Endangered (Red List for England). Old quarry, Little Crosby (SD30A, CB & WG Travis, 1907).

Habitat: Disturbed ground.

Comments: There are recent records from Seaforth Nature Reserve (SJ39D, comm. SJ White, 2003) and the Chorley area (SD51T, Chorley NHS, 1980) which is considered dubious.

***Galeopsis speciosa* Mill.**

Large-flowered Hemp-nettle



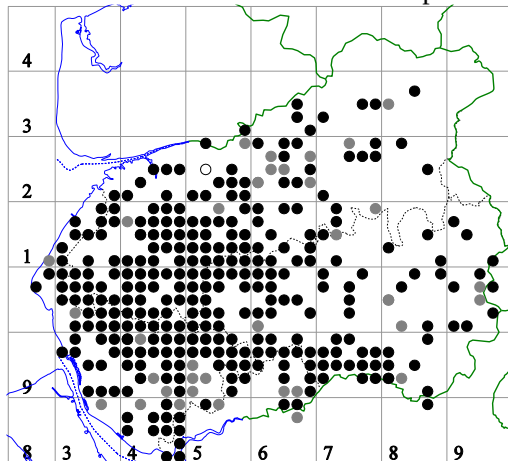
Southport DP Earl 2008

Status & distribution: Archaeophyte-colonist, Vulnerable (Red List for England), Axiophyte; locally frequent in some of the arable districts, occasional and casual elsewhere.

Habitat: Arable land on peaty soils, imported heaps of soil, wasteland, a casual in flowerbeds and on tips.

***Galeopsis tetrahit* L.**

Common Hemp-nettle



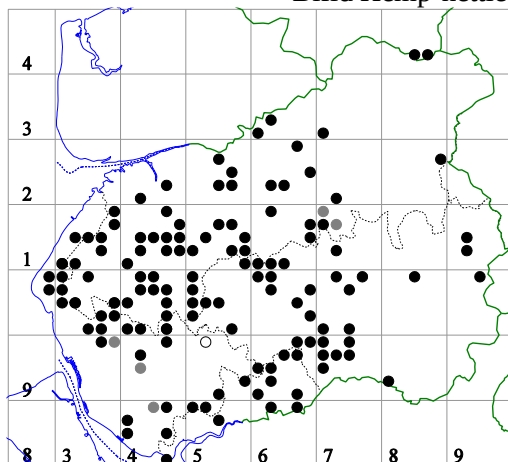
Cuerden DP Earl 2020

Status & distribution: Native, Least Concern (Red List for England); widespread, common at lower altitudes, especially in the west.

Habitat: Arable fields, hedgebanks, woods, occasional on waste ground.

***Galeopsis bifida* Boenn.**

Bifid Hemp-nettle



Hightown J Somerville 2008

Status & distribution: Native, Least Concern (Red List for England), Axiophyte; widespread.

Habitat: On peaty and sandy soils often in bracken dominated areas, heathy roadsides, arable fields, woodland borders, swampy areas subject to winter flooding.

Comments: Considered under-recorded with some records likely to have been placed under *Galeopsis tetrahit* sl. Plants of var. *nigricans* Breb. were recorded from heathy ground behind Woodvale (SD31A, DE Allen, 1950).

***Galeopsis ladanum* L.**

Broad-leaved Hemp-nettle

Status & distribution: Neophyte-casual; frequent in gravelly places, Mill Brook, West Derby (SJ49B, Dickinson 1851); West Dock, Garston (SJ38X, RD Brown Lancashire Naturalists' Field Club Proceeding 1888).

Habitat: Open ground.

Comments: A record from a field edge near Rumworth Lodge (SD60T, E Gorton & ME Martin, 1976) is considered unconfirmed.

***Phlomis russeliana* (Sims) Benth.**

Turkish Sage

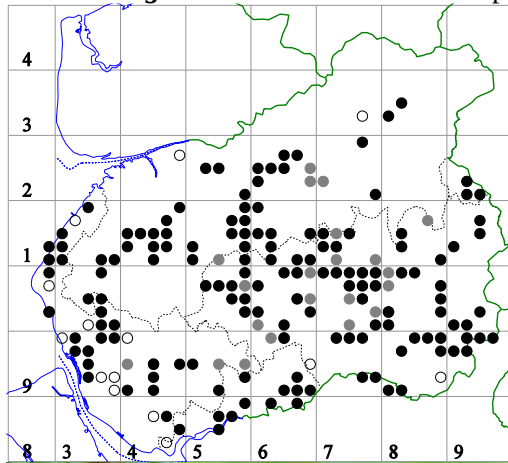
Status & distribution: Neophyte-established; Montague Road, Freshfield (SD DP & J Earl, 2021).

Habitat: Developing woodland.

Comments: Native to Turkey.

**SUBFAMILY 2 –
SCUTELLARIOIDEAE**

***Scutellaria galericulata* L. Skullcap**



Scarisbrick DP Earl 2009



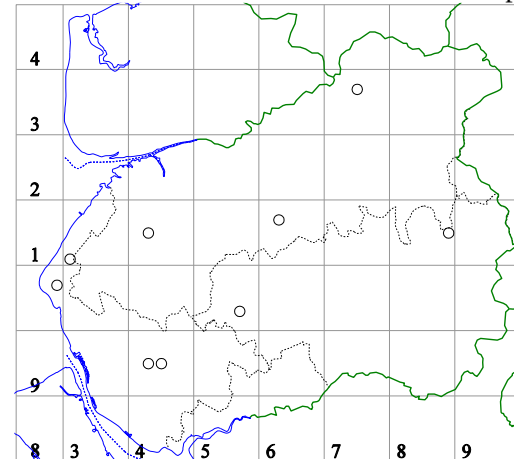
Lathom G Clarkson 2024

Status & distribution: Native, Least Concern (Red List for England),

Axiophyte; widespread, occasional to locally frequent.

Habitat: Most frequent along canals, occasional in wet woods around ponds; nowadays rarely seen along streams, ditches or within marshes and wet meadows.

***Scutellaria minor* Huds. Lesser Skullcap**



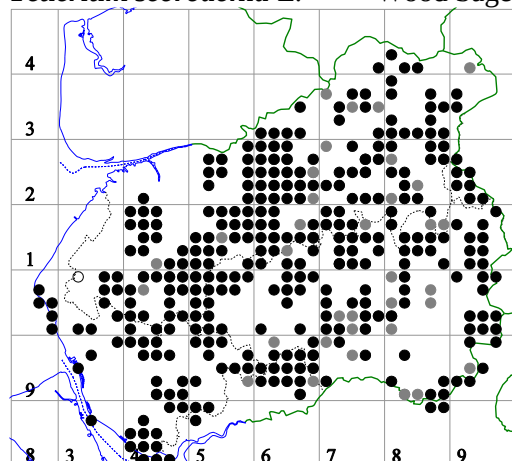
Status & former distribution: Native, Least Concern (Red List for England), Extinct; Cronkleyshaw (SD81X, JC Healey, n.d.); Formby (SD20Y, *Flora of Liverpool Hall* 1839); Knowsley Park (SJ49M, Rev HH Higgins, 1858); Anglezarke (SD61I, *Flora of Preston* 1865); Martin Mere (SD41H, FW Holder & R Wagstaffe, 1926); Scotsman's Flash, Wigan (SD50W, WS Lacey, 1948); Woodvale (SD31A, DE Allen, 1950); last seen at Wiswell Moor (SD73N, A Hitchon, 1961).

Habitat: Wet heaths and bogs often amongst *Sphagnum*.

Comments: Declined to extinction due to the drainage and reclamation of the former wet heathland areas.

SUBFAMILY 3 - AJUGOIDEAE

Teucrium scorodonia L. Wood Sage



Status & distribution: Native, Least Concern (Red List for England); widespread and locally common.

Habitat: Hedgebanks, roadsides, woods on well-drained soils, hill district cloughs and rock outcrops.

Teucrium hircanicum L. Iranian Wood-sage



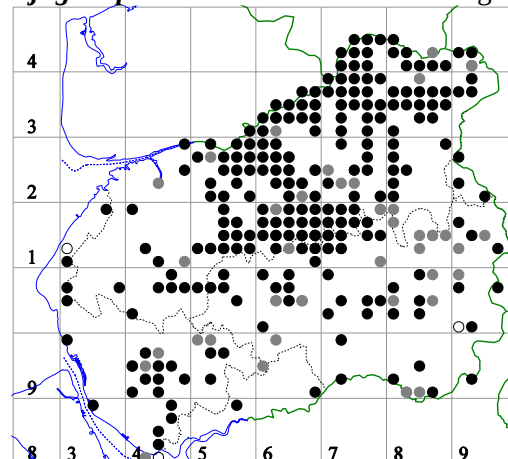
Martholme DP Earl 2009

Status & distribution: Neophyte-casual; Mill Lane, near Martholme Viaduct (SD7533, P Jepson, SJ Gorman & R Stevens, 2009).

Habitat: Wall top.

Comments: Native to Iran. The plant persisted for a few years.

Ajuga reptans L. Bugle



Mere Brow DP Earl 2008

Status & distribution: Native, Least Concern (Red List for England), Axiophyte; locally frequent in the river valley systems and hill districts to the east; scarce on the western lowlands.

Habitat: Damp pastures, shaded banks, flushes, cloughs and older woodlands.

Comments: The garden form var. *atropurpurea* occasionally escapes from cultivation.

SUBFAMILY 4 - NEPETOIDEAE

Nepeta cataria L. Cat-mint

Status & distribution: Neophyte-naturalised; near Parbold (SD51A, NK Marbury, 1997); ground of Christie Hospital (SJ89L, P Jepson, 2003).

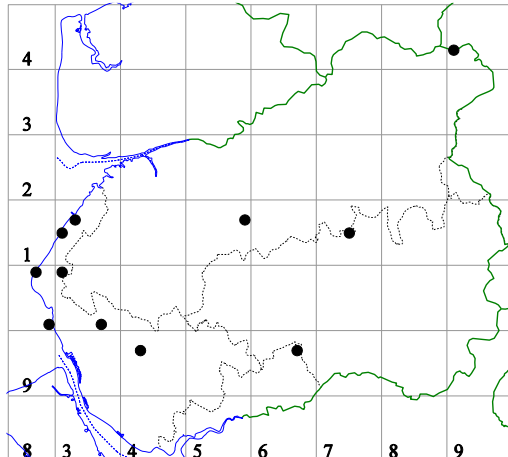
Earliest record traced: Rainford (SD40Q, JH Lewis, 1873, MANCH).

Habitat: Refuse tips, market gardens, walls, waste ground, canal and railway banks.

Comments: Historic records for this species may be correct as the common garden plant *N. x faassenii* was not recorded as naturalised in the British Isles

until 1928. Examination of herbarium specimens of *Nepeta* is to be encouraged as *N. x faassenii* has been in cultivation since 1784. Recent records should be treated with a degree of caution.

Nepeta x faassenii Bergmans ex Stearn =
N. racemosa Lam. x *N. nepetella* L.
Garden Cat-mint



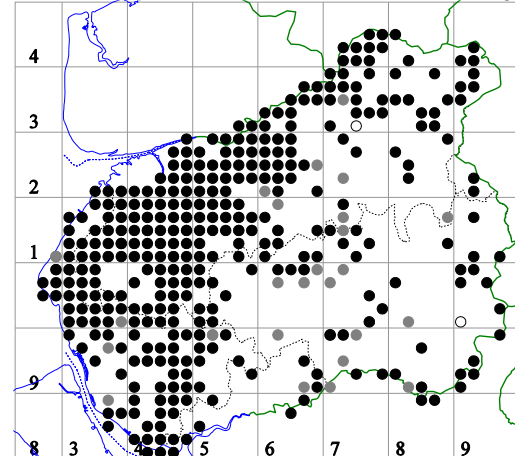
Birkdale Dunes DP Earl 2008

Status & distribution: Neophyte--naturalised; becoming established in coastal areas, scarce or under-recorded inland.

Habitat: Sand-dunes and roadsides.

Comments: Further study is required of any naturalised plants of the genus *Nepeta* to see if plants are fertile or sterile. Seedlings of garden grown *Nepeta* have been observed on pavements and walls at Westbourne Road, Birkdale (SD31C, DP Earl, 2005) and these may be *N. racemosa* Lam.

Glechoma hederacea L. Ground-ivy

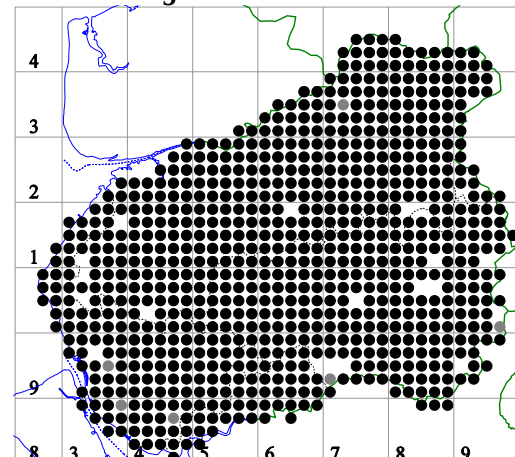


Jubilee Park, Southport DP Earl 2008

Status & distribution: Native, Least Concern (Red List for England); locally common in the west and the Ribble Valley system, frequent to occasional elsewhere.

Habitat: Woods, hedgebanks, roadsides and stream banks.

Prunella vulgaris L. Selfheal





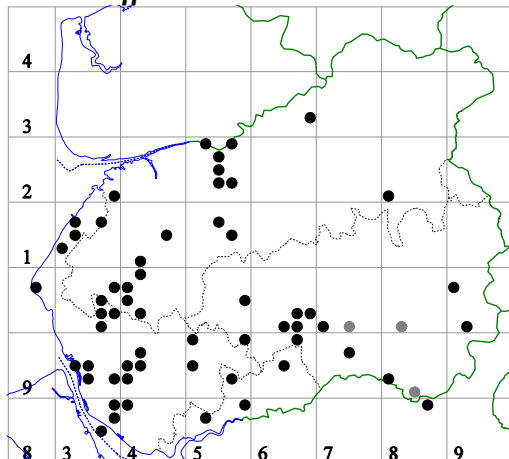
Birkdale Dunes DP Earl 2008

Status & distribution: Native, Least Concern (Red List for England); common and widespread, possibly under-recorded in some areas.

Habitat: Grasslands, lawns, woodlands, tracks and banks.

Comments: Plants with white flowers have been recorded from at Alum Scar, Hoghton (SD62J, 1913) and Bootle (SJ39H, Flora of Liverpool Hall 1839).

Melissa officinalis L. Balm



Brownedge DP Earl 2020

Status & distribution: Neophyte-naturalised; occasional and mainly near houses in lowland districts in the west and south.

Habitat: Pavements, disturbed ground, railway banks, sand-dunes and tips.

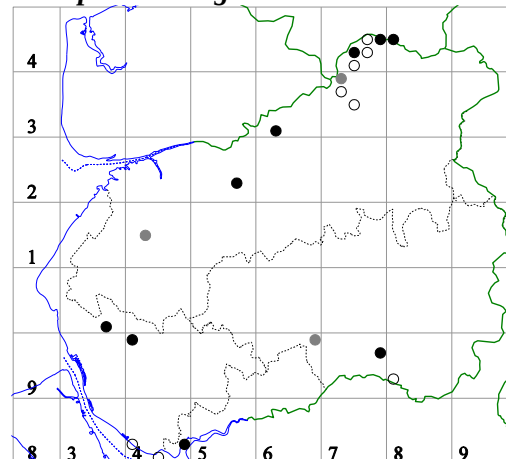
Comments: Native to southern Europe. Plants readily germinate from seed.

Clinopodium ascendens (Jordan) Samp.
Common Calamint

Status & distribution: Naturalised or casual in South Lancashire; semi-established at the Martin Mere centre (SD4213 & SD4214) where first recorded by J Somerville in 2008.

Former distribution: Garston (SJ48C, H Shepherd, Hall 1839); near Ditton (SJ48Y, Miss C Grundy, Fisher 1872); Hillfoot Ave, Woolton (SJ48H, R Foulks, 1945, det. JW Hopkinson); one plant by Holt High School (SJ49Q, Anon, n.d.).

Clinopodium vulgare L. Wild Basil



Pickerings Pasture DP Earl 2009

Status & distribution: Native, Least Concern (Red List for England); now rare (4) as a native between Salmesbury Aerodrome (SD63F, SJ Bungard, 1995) and Twiston (SD74W, P Green, 2005 & SD84B, DP Earl, 2004); considered introduced via wildflower sowings elsewhere.

Former distribution: Once more frequent in the Ribble and Calder valleys between Chatburn and Whalley; plants also occurred about Stretford and Speke.

Habitat: Roadsides and hedgebanks, usually on basic soils especially on the limestone; formerly on clay riverbank cliffs.

Comments: The populations of the Ribble and Calder valleys have declined.

Clinopodium acinos (L.) Kuntze

Basil Thyme

Status & distribution: Native or Adventive, Nationally Uncommon, Vulnerable (Red List for England), Critically Endangered at the vice-county level; several small populations at Eccleshill Iron Works (SD62X, P Jepson, 1980 - present).

Former distribution: Near St. Helens Mortar Works (SJ59, Rev HH Higgins, 1858 Proc. Liverpool Lit. & Phil. Soc. XIII 1859 p. 6-8).

Habitat: Disused railway track and iron works spoil heap; industrial land.

Comments: Planted at Calderstones Park Wildflower Garden (SJ48D, AJ Farmer, 1945, MANCH).



Martin Mere DP Earl 2009

Status & distribution: Native, Least Concern (Red List for England), Axiophyte; locally frequent as a native plant in the Clitheroe area; a widespread garden escape near habitation elsewhere.

Habitat: Limestone grasslands and roadsides on basic soils; a colonist of limestone chippings and pavements in urban and industrial areas.

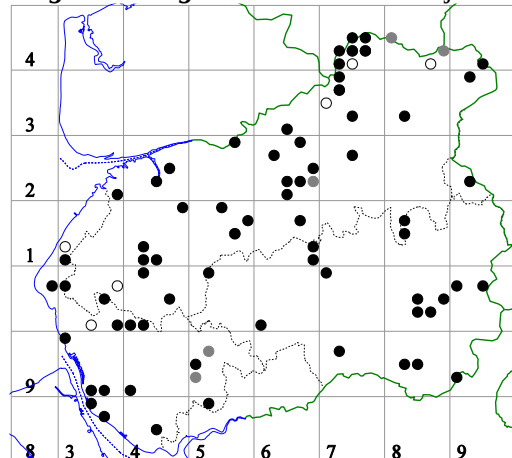
Origanum majorana L. Pot Majoram

Status & distribution: Neophyte-casual; Crown Street and West Derby Street, Liverpool (SJ3690, SMA, 1987); Ormskirk (SD4208, MP Wilcox & PH Smith, 2006); Formby (SD2906) & Dungeon Lane (SJ4482) DP & J Earl, 2010.

Habitat: Derelict ground.

Comments: Native to North Africa and western Asia.

Origanum vulgare L. Wild Majoram



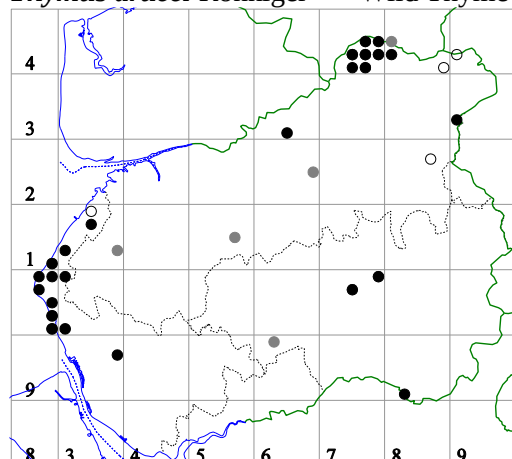
Thymus vulgaris L. Thyme

Status & distribution: Neophyte-casual; Cable Street, Formby (SD3007, PH Smith & MP Wilcox, 2006).

Habitat: Waste ground at site of former garden centre.

Comments: Native to the western Mediterranean.

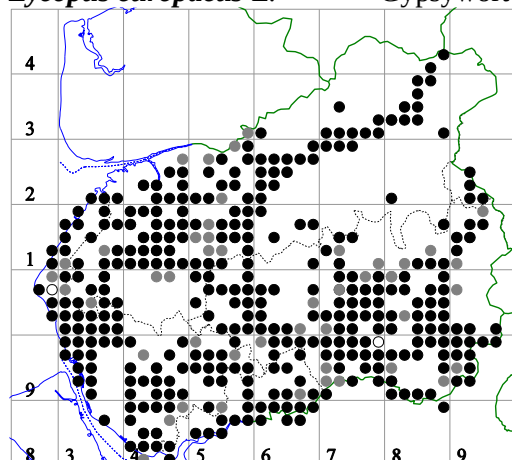
***Thymus drucei* Ronniger** Wild Thyme



Status & distribution: Native, Least Concern (Red List for England), Axiophyte; most frequent along the coast and in the Clitheroe district, rare elsewhere.

Habitat: Sand-dunes, limestone rocks and grasslands; very rare amongst short turf in hill pastures; a colonist of alkaline waste beds and as a garden escape.

***Lycopus europaeus* L.** Gypsywort



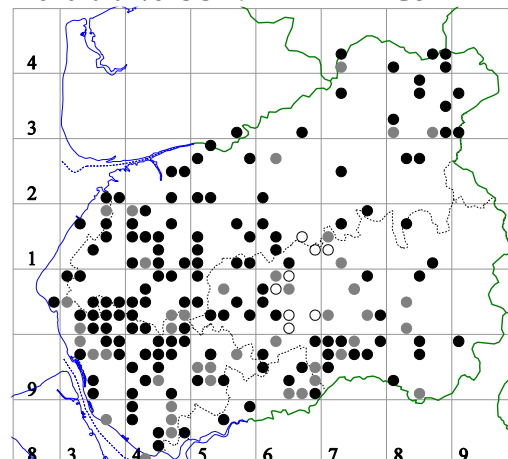
Cuerden Valley Country Park DP Earl 2020

Status & distribution: Native, Least Concern (Red List for England); common and widespread along the canal network,

occasional to locally frequent elsewhere; mainly lowland.

Habitat: Canal, pond and reservoir margins, wet woods, fens and dune-slacks.

***Mentha arvensis* L.** Corn Mint



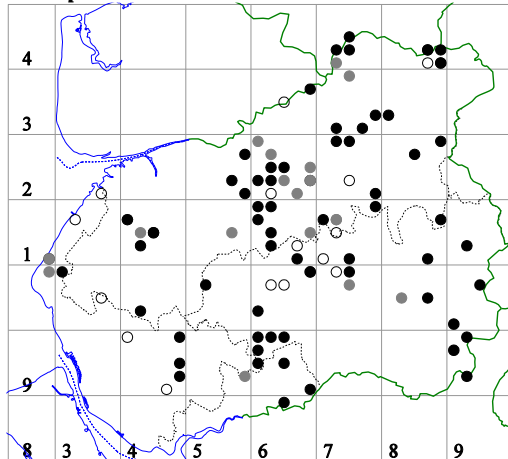
Martin Mere DP Earl 2009

Status & distribution: Native, Near Threatened (Red List for England), Axiophyte; frequent in the west and south, occasional elsewhere.

Habitat: Arable fields, disturbed land, flowerbeds, damp meadows and reservoir draw-down zones.

Comments: Thought to be declining as an arable weed but increasing as a suburban adventive.

Mentha x verticillata L. = *M. arvensis* x *M. aquatica*
Whorled Mint



Status & distribution: Native, Axiophyte; widespread, occasional to locally frequent.

Habitat: Reservoirs and canal margins, marshy meadows, wet woods and riverbanks.

Mentha x smithiana R.A. Graham = *M. arvensis* x *M. aquatica* x *M. spicata*
Tall Mint



River Ribble, Walton-le-Dale DP Earl 2020

Distribution: Neophyte-naturalised; Calderstones (SJ48D, V Gordon, 1995); Eccles (SJ79U, MPG Tolfree, conf. RM Harley).

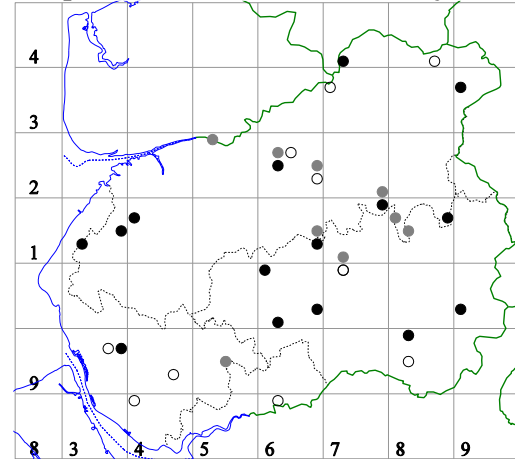
Former distribution: Scarisbrick (SD31W, S Hailstone, c. 1800); canal bank between Maghull and Lydiate (SD30R, R Brown, c. 1870); lane from

Eccleston to Mawdesley (SD51D, Rev WW Mason, 1902); tip at Southport (SD31I, FW Holder & R Wagstaffe, 1928, det. GC Druce); Jumbles (SD7314, T Greenlees, 1936, BON).

Habitat: Unknown.

Comments: Probably under-recorded.

Mentha x gracilis Sole = *M. arvensis* x *M. spicata*
Bushy Mint



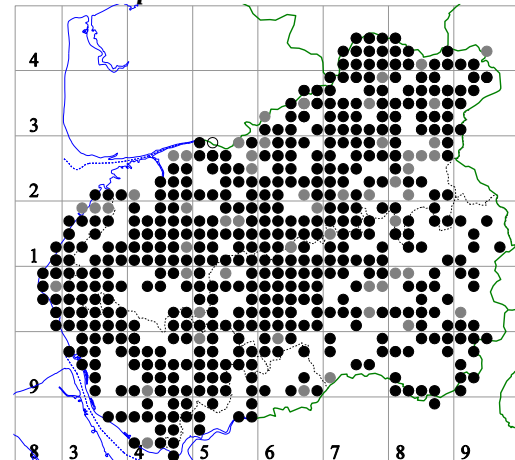
Status & distribution: Neophyte - naturalised; widely recorded as a garden escape.

Earliest record traced: Near Liverpool (J Shepherd, 1809, N.W Nat. 1938).

Habitat: Waste ground, disturbed ground and tips; possibly native along reservoir margins.

Comments: The var. *variegata* has been recorded from a waste heap near Hollins, Darwen (WH Harrison, n.d.); from tips about Bolton (CES, n.d.); Nuck's Wood (SD41D, DP Earl, 2000).

Mentha aquatica L. Water Mint





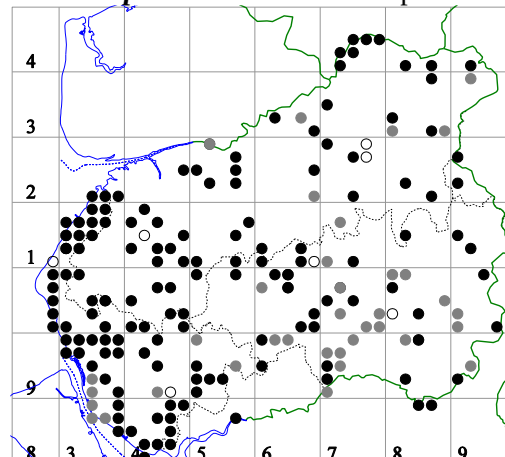
Southport DP Earl 2008

Status & distribution: Native, Least Concern (Red List for England); widespread and locally common.

Habitat: Dune-slacks, fens, canal and pond margins, marshes, wet meadows, ditches and wet woods.

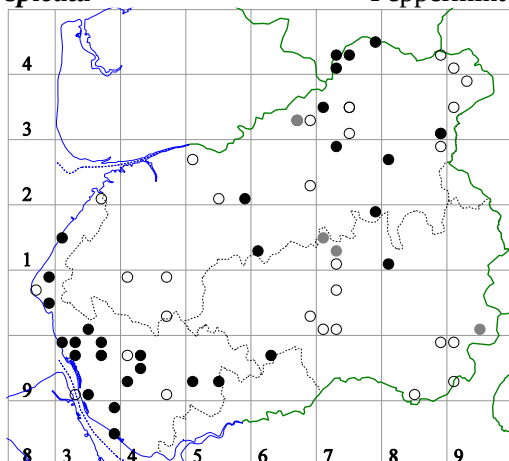
Comments: Several varieties have been recorded in the past.

Mentha spicata L. Spear Mint



Kirkby Moss DP Earl 2009

Mentha x piperita L. = *M. aquatica* x *M. spicata* Peppermint



Status & distribution: Neo-native; widely distributed but mainly from the urban areas and a garden escape at most locations.

Habitat: Ditch, river and streamsides; waste ground and tips as a garden escape.

Comments: The var. *citrata* is known from Blackburn (SD61Y, P Jepson, 1996).

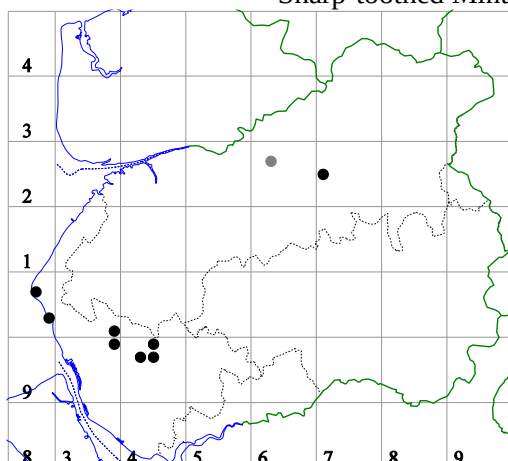
Status & distribution: Archaeophyte-denizen, Least Concern (Red List for England); widespread and locally frequent near habitation.

Habitat: Waste ground, roadsides and tips; possibly native along riverbanks, streamsides and ditches.

Comments: Both hirsute and glabrous forms occur. It is thought that plants formerly recorded as *M. longifolia* are most likely to be hirsute forms of *M. spicata*.

***Mentha x villosanervata* Opiz = *M. spicata* L. x *M. longifolia* (L.) Huds.**

Sharp-toothed Mint



Status & distribution: Neophyte-naturalised; frequent about Knowsley (SJ49I, SJ49N & SJ49P, V Gordon); Guide Square (SD72C, P Jepson, 1997); meadow opposite Melling Church (SD30V, DP & J Earl, 2005); Lifeboat Road car park, Formby (SD2706, BB G, 2007); Fazakerley Sidings (SJ3898, Liverpool Botanical Society, 2013); Hightown dunes (SD2902, PH Smith, 2013, det. MP Wilcox).

Earliest record traced: Hoghton Bottoms (SD6227, E Stones, 1976)

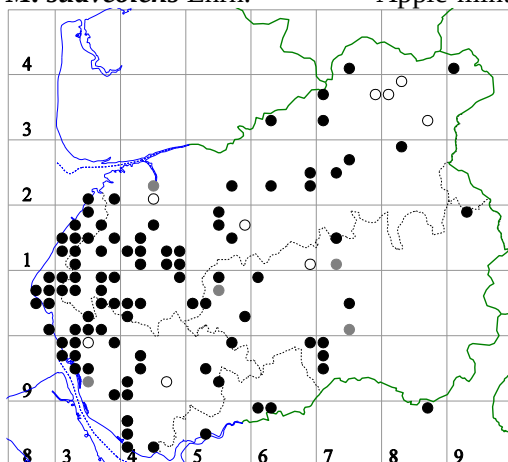
Habitat: On waste ground and in rank grasslands.

Comments: Probably of horticultural origin.

***Mentha x villosa* Huds. var.**

***alopecuroides* (Hull) Briq = *M. spicata* x *M. suaveolens* Ehrh.**

Apple-mint



Lostock Hall DP Earl 2020

Status & distribution: Neophyte-naturalised; extensively established near habitation and other locations associated with human activity.

Earliest record traced: Near Chorley (SD51Y, Dr M Rigby, 1858).

Habitat: Roadsides, ditch banks, railway banks, waste ground and tips.

Comments: It is plausible that the historic records for *M. longifolia* x *rotundifolia* (*M. niliaca* Juss. ex Jacq.), *M. suaveolens* and *M. rotundifolia* (L.) Huds. are this taxon.

[*(Mentha x rotundifolia* (L.) Huds. = *M. longifolia* (L.) Huds. x *M. suaveolens* Ehrh. False Apple-mint

Status & distribution: Neophyte; no recent records.

Habitat: Probably recorded from waste ground, tips and from along roadsides.

Comments: There are records given in Savidge *et al* 1963 but is highly likely that these records are errors for the now widely established *Mentha x villosa* var. *alopecuroides*.]

[*Mentha suaveolens* Ehrh.

Round-leaved Mint

Status & distribution: Neophyte; Greenbank Park, Wavertree (SJ38Z, V Gordon & PA Lockwood, 1995).

Comments: Records from Calderstones (SJ48D, S Fletcher, post 1995); Martin Mere Wildfowl Trust Reserve (SD4214,

PJ Wisniewski, 1991) and several additional locations require confirmation.]

***Mentha pulegium* L.** Pennyroyal

Status & distribution: Critically Endangered (Red List for England);

Possibly once native at some of the historic sites, recent records will be of sown plants at a public open space, Penwortham (SD5227, R Parkinson, 1995); Freshfield Dune Heath (SD2908, S Taylor, det. V Gordon, 1997); Kirkby (SJ4198, V Gordon, 1997); Moss Bank Park (SD6911, P Jepson, 2001).

Former distribution: Possibly native at Newton Common (SJ59S, Dickinson 1851) and Mosley Common, near Tyldesley (SD70A, J Evans, Grindon 1859); considered casual at Bradford Park, Bolton (SD7209, Greenlees & Holden 1920); Barden Lane Tip (SD83H, CR Ritching, 1926, LIV) & Bradshaw Tip, Bolton (SD7211, CA Howe & BW Fox, 1959).

Habitat: About pools on commons; later a feature of tips; more recently introduced to grasslands, open spaces and accidentally introduced in amenity shrub plantings.

Comments: Recent records are considered introductions as an ingredient or impurity of wildflower mixtures.

***Mentha requienii* Benth.** Corsican Mint

Status & distribution: Neophyte-naturalised; Sweetloves, Bolton (SD7112, DP Earl, 2017) as self-sown plants.

Habitat: Pavement.

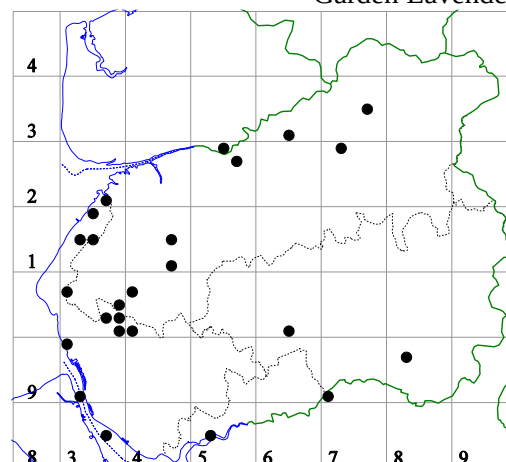
Comments: Native to Corsica and Sardinia.

[***Mentha nemorosa* Willd.**

Status & distribution: Neophyte; Roadside, Hale (SJ48R, AJ Farmer, 1945).]

***Lavandula angustifolia* Mill.**

Garden Lavender



Southport DP Earl 2019

Status & distribution: Neophyte-naturalised; increasingly recorded from urban areas as self-sown plants.

Earliest record traced: Crossens (SD32Q, DP & J Earl, 1999).

Habitat: Pavements and walls.

Comments: Native to the western Mediterranean. Usually seen as adventive seedlings and frequently lost to spraying.

***Rosmarinus officinalis* L.** Rosemary

Status & distribution: Neophyte-surviving; Brun Valley, Burnley (SD83L, DP & J Earl, 1996); Edge Hill University College (SD40I, MP Wilcox, 2002); Crosby (SJ3099, S Taylor, 2005); Maghull (SD30R, RF Goodchild, 2005).

Habitat: Waste ground, limestone chippings and railway banks.

Comments: Native to the Mediterranean. Plants can increase from seed.

Salvia verbenaca L. ssp. ***horminoides***
(Pourr.) Nyman Wild Clary

Status & distribution: Native, Near Threatened (Red List for England); Recently sown at Fallowfield dismantled railway (SJ89L, DP Earl, 2003) and at Scutchers Acres (SD4510, J Watt, 2015).

Former distribution: Between Waterloo & Little Brighton (1870, *Fisher & Webb* 1872) & Salmesbury (SD53V, JW Bamber, 1901); Howe Bridge (SD60L, P Yates, n.d.); Chorlton (SJ89B, Dr Jephson, 1883); casual at Bradford Park, Bolton (SD70J, *Greenlees & Holden* 1920).

Habitat: Old railway line; formerly in old pastures and sand-dunes; casual on a slag heap.

Comments: Probably once native at a few historic locations.

Salvia officinalis L. Sage

Status & distribution: Neophyte-casual; Kirkless area (SD60D, J Lowell, 1998); plantation south of railway, east of Blackburn (SD7029, P Jepson, 1998).

Former distribution: Railway bank, Orford, Warrington (SJ68E, 1896, *Dunlop* 1908).

Comments: Native to south-western Europe.

Salvia reflexa Hornem. Mintweed

Status & distribution: Neophyte-casual; north of the River Mersey, Stockport (SJ8990, J Clarke, 1999).

Former distribution: Bunker's Hill Tip (SD62S, CA Howe, 1957); corporation tip at Atherton (SD60W) & Stretford Tip (SJ79X) BW Fox, 1959; Rochdale Tip (SD81X) & Waterhead Tip (SD90M) V Gordon, 1968; Oldham Bank Tip (SD90, Rev CE Shaw, 1978).

Habitat: Tips and disturbed ground.

Comments: Native to North America.

Salvia viridis L. Annual Clary

Status & distribution: Neophyte-casual; Hightown (SD20W, JD Massey, 1929).

Comments: Native to southern Europe.

Salvia verticillata L. Whorled Clary

Status & distribution: Neophyte-casual; Garston Docks (SJ38X, Rev S Gasking, 1900); Birkdale (SD31H, C Bailey, 1907); Hightown Station (SD20W, JA Wheldon & WG Travis, 1913); Speke Town Sidings (SJ48C, JD Massey, 1933-1934).

Habitat: On railway sidings, waste ground and an old fowl run.

Comments: Native to southern Europe.

Dracocephalum parviflorum Nutt.

American Dragonhead

Status & distribution: Neophyte-casual; Darwen (SD62W, WH Western, 1913, det. GC Druce); waste ground by Clitheroe Station (SD74, JN Frankland, n.d.); on plant at Fazakerley Sidings (SJ377979, V Gordon, 1991).

Habitat: Waste ground, old railway sidings.

Comments: Native to North America.

Sideritis montana L. Mountain Ironwort

Status & distribution: Neophyte-casual; site of old poultry farm, Birkdale (SD31H, H Ball & C Bailey, 1907 *Botanical Exchange Club Report* 1907 p.279); waste heap at Darwen (SD62W, WH Western, 1917); one plant on railway sidings Speke Town (SJ48H, HF Dovaston, 1935).

Habitat: Disturbed ground.

Comments: Native to mainland Europe.

Wiedemannia orientalis Fischer & C.A.

Meyer No English common name traced.

Status & distribution: Neophyte-casual; Spring Hollow, Ashton-under-Lyne (SJ99U, F Collier, 1913, det., A Thellung).

Comments: Native to the eastern Mediterranean growing on disturbed ground in scrub and woodlands in countries such as Turkey and Israel. It is interesting to note that this record is listed as from Spring Hollow, Ashton-under-Lyne on the card index system. Spring Hollow was assumed to be Spring Grove, north-east of Stalybridge (*Savidge et al* 1963), but it may be the case the location is nearer to Ashton-under-Lyne. Spring Hollow could be part of the Medlock Valley by the mill below Springwood Hall about one mile north of Ashton-under-Lyne.