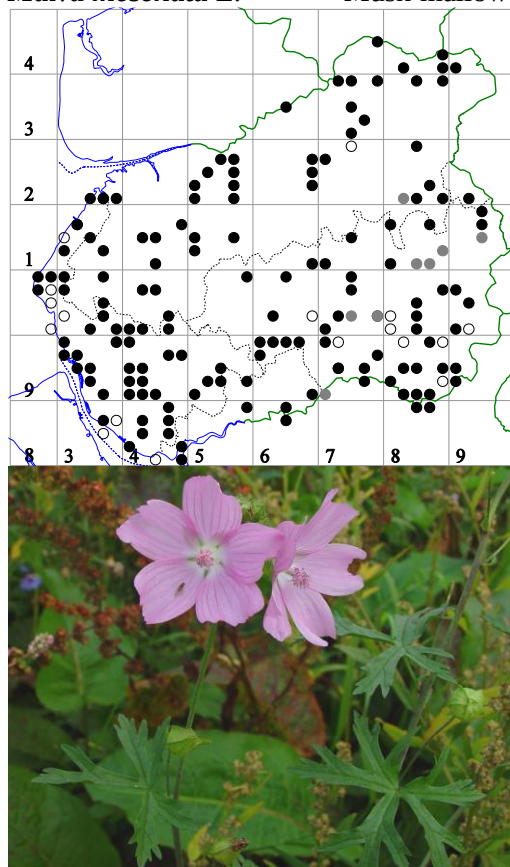


MALVACEAE

Mallow family

Malva moschata L.

Musk-mallow



Rainford DP Earl 2008

Status & Distribution: Native, Least Concern (Red List for England); Axiophyte, widespread, generally occasional, but now locally frequent in parts of Merseyside and Greater Manchester.

Habitat: Meadows, grassy banks, hedge banks, river and stream banks usually on base rich soils, railway ballast, introduced to areas of open space and country parks.

Comments: Very local as a native plant; widespread and increasing due to the sowing of wildflower seed mixtures.

Malva alcea L.

Greater Musk-mallow

Status & distribution: Neophyte-casual; Pilsworth (SD8208, J Lowell, 2001, MANCH); Falklands Way, Ainsdale (SD3012, 2003) & Altcar Rifle Range (SD2804, 2007) PH Smith.

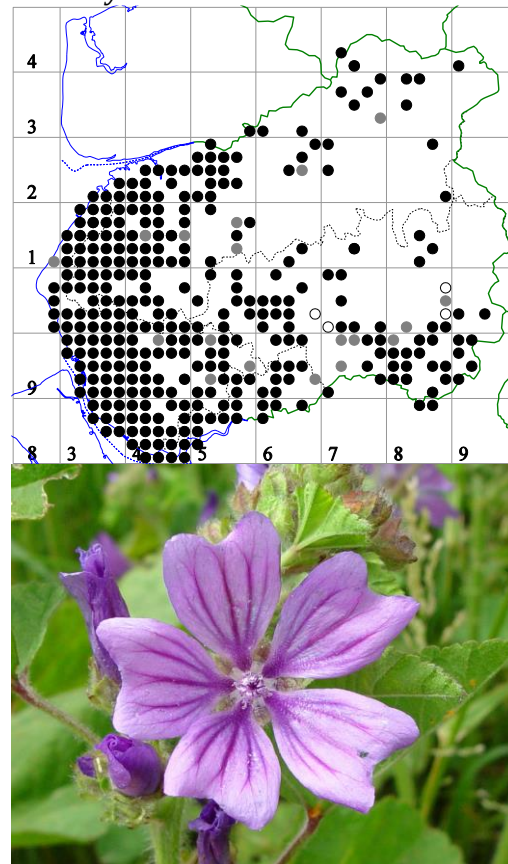
Habitat: Roadside verge; sand-dunes near to habitation.

Comments: Native to mainland Europe. This species may be more widespread being overlooked and recorded as *Malva*

moschata. Several recent records require confirmation.

Malva sylvestris L.

Common Mallow



Banks DP Earl 2008

Status & Distribution: Archaeophyte-denizen, Least Concern (Red List for England); common at the lower altitudes in the west and possibly increasing in frequency across the Greater Manchester lowlands; local and more casual further to the north.

Habitat: Roadsides, disturbed ground and waste ground, especially on sandy and well-drained soils.

Comments: Plants referred to as var. *acutiloba* Celak were recorded from Barton (SD30, JA Wheldon & WG Travis, 1915). In recent times form that has been identified as ssp. *mauritiana* has occurred in wildflow mixes and as a casual.

Malva parviflora L.

Least Mallow

Status & distribution: Neophyte-casual; Aintree (SJ39U, JA Wheldon, 1898); Martin Mere (SD41H, FW Holder, 1939); Accrington (SD72P, JW Bamber); Crown Wallpaper Tip (SD7019, A Hitchon, 1964).

Habitat: Waste places, wallpaper waste and wool shoddy.

Comments: Native to southern Europe plants occurring in Britain are from various sources, especially wool. The Martin Mere record may indicate the application of wool shoddy to arable fields in the past.

***Malva pusilla* Sm.** Small Mallow

Status & distribution: Neophyte-casual; Walton (SJ39M, JA Wheldon, 1902, LIV); Marshside (SD31P, JA Wheldon & WG Travis, 1912, LIV); Downholland (SD30T, JD Massey, 1924, LIV); Gateacre & Woolton (SJ48I, JD Massey, n.d.); Martin Mere (SD41H, Various recorders 1926-1939, LIV); Burnley (SD83L, CR Ritching, n.d.).

Habitat: Waste ground.

Comments: Native to mainland Europe and frequent as a wool alien in Britain.

occasional adventive on the coastal plain, rare elsewhere.

Habitat: Waste ground, roadsides, lawns and farm tracks, usually on light soils.

Comments: Plants do not generally persist at any location for a great length of time.

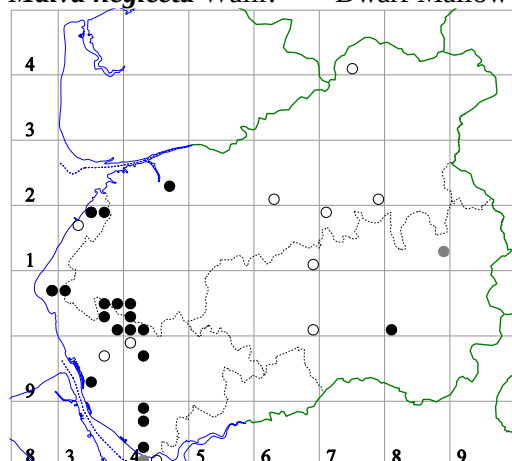
***Malva verticillata* L.** Chinese Mallow

Status & distribution: Neophyte-casual; Bootle (SJ39H, JA Wheldon & WG Travis, n.d.); on cotton waste at Bury (SD81A, Bury NHS, c. 1872); near Denton (SJ99H, 1919); & Valley Road, Rochdale (SD81V, 1914) F Collier; Burnley (SD83L, CR Ritching, n.d.).

Habitat: Waste ground and cotton waste tips.

Comments: Native to south-eastern Asia. No recent records, an industrial revolution alien associated with waste from the textile trade.

***Malva neglecta* Wallr.** Dwarf Mallow



Formby DP Earl 2009

Status & Distribution: Archaeophyte-denizen, Least Concern (Red List for England); SCINWE, Scarce (19), an

***Malva setigera* Schimp & Spenn.**

Rough Marsh-mallow

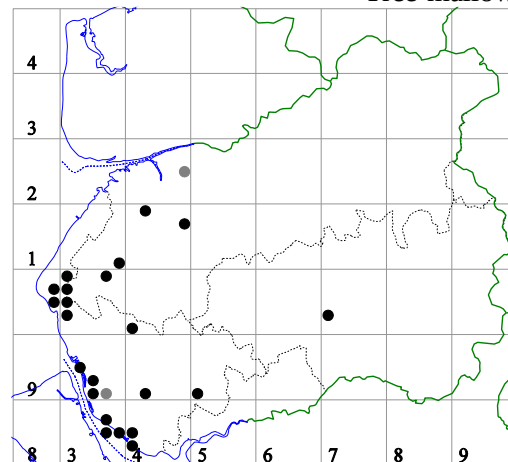
Status & distribution: Neophyte-casual; between the Leeds & Liverpool Canal and Aintree Racecourse (SJ39U, S Gasking, 1897, NMW, *BEC Report* 1898 p. 569); Garston (SJ48C, JA Wheldon, 1918, NMW).

Habitat: Cornfield.

Comments: Native to south-eastern Europe.

***Malva arborea* (L.) Webb & Berthel.**

Tree-mallow





Aigburth DP Earl 2009

Status & Distribution: Naturalised in South Lancashire; mainly coastal, with several populations between Garston and St. Michael's Promenade; rare inland.

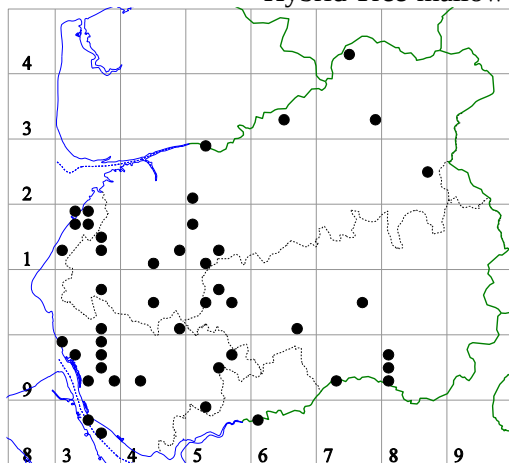
Earliest record traced: Crown Street/West Derby Street, Liverpool (SJ3690, SM Atherley, 1987).

Habitat: On grassy banks and waste ground near the sea; roadsides near habitation.

Comments: Plants in South Lancashire are probably escapes from cultivation.

Malva x clementii (Cheek) Stace = *M. albia* (L.) Alef. x *M. thuringiaca* (L.) Vis.

Hybrid Tree-mallow



Otterspool DP Earl 2009

Status & distribution: Neophyte-surviving; widespread as a planted shrub, in urban areas and close by to habitation.

Earliest record traced: Harbord Road to Mariners Road Crosby (SJ3098, 1995).

Habitat: A feature of the municipal planting schemes, railway embankments by houses, rare on sand-dunes, occasional on waste ground.

Comments: Of horticultural origin. Plants readily survive as relics of cultivation as on the dunes near the Marine Lake, Southport (SD31J).

Malva nicaeensis All. French Mallow

Status & distribution: Neophyte-casual; several records from near the coast at Woodvale (SD31A, Liverpool Botanical Society, 1908); Southport (SD31I, JA Wheldon, n.d.); a single plant by the sea wall north of Southport (SD31P, Liverpool Botanical Society, 1950); Churchtown (SD31U, Liverpool Botanical Society, 1950); inland at Spring Hollow, Stalybridge (SJ99U, F Collier, 1914).

Habitat: Waste ground and a wool tip.

Comments: Native to southern Europe.

Althaea officinalis L. Marsh-mallow

Status & former distribution:

Naturalised in South Lancashire; long known from the Southport area (SD31, Glazebrook 1826); half a mile from the station towards Crossens (SD31U, T Gibson Jnr. & Mrs. Gibson, 1867); Bradford Park & Leverhulme Park (SD70J, Greenlees & Holden 1920); between the Leeds & Liverpool Canal and River Douglas east of Gathurst (SD50N, T Edmondson, 1948, LIV); neglected cottage garden, Moss Pit Lane, Churchtown (SD31T, Liverpool Botanical Society, 1950).

Habitat: Abandoned areas of cultivation.

Althaea hirsuta L. Rough Marsh-mallow

Status & distribution: Neophyte-casual; Aintree, (SJ3798, Rev S Gasking, 1897, NMW); Garston (SJ48C, JA Wheldon, 1918, NMW).

Habitat: Border of cornfield by the canal at Aintree.

Comments: Native to mainland Europe.

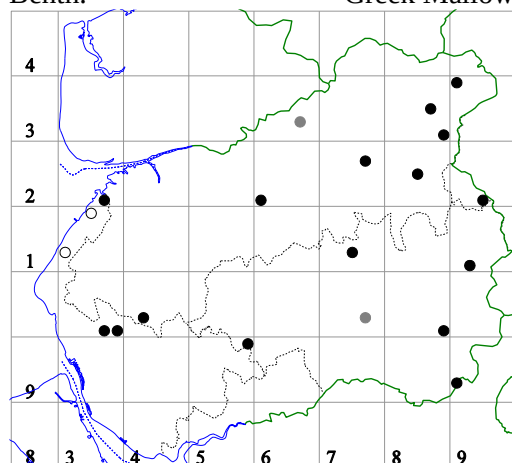
***Alcea rosea* L.** Hollyhock

Status & distribution: Neophyte-casual; Brown Edge, Southport (SD31S, FW Holder, 1946, LIV); Victoria Station Approach, Manchester (SJ89P, DP Earl, 1984); Sefton Fold Farm (SD60P, PMA Francis, 1992); Broadway, Salford (SJ89D, AR Locksley & PGM Tolfree, 2004); Farm tip, Fowley Common (SJ6795, DP Earl & P Bowdler, 2009); Fairfield (SJ8996, 2009); M6, Euxton (SD5419, 2017) & Skip Lane, Hutton (SD4827, 2017) DP Earl.

Habitat: Roadsides, waste ground, tips and pavements.

Comments: Of horticultural origin.

***Sidalcea malviflora* (DC.) A. Gray ex Benth.** Greek Mallow



Warland DP Earl 2010

Status & distribution: Neophyte-surviving; widely scattered garden escape, usually near habitation.

Earliest record traced: Copster Green (SD6733, Anon@LERN, 1974).

Habitat: Waste ground, tips, railway banks and roadsides near houses.

Comments: Plants in Britain are horticultural cultivars derived from ancestral plants native to America.

***Abutilon theophrasti* Medik.** Velvetleaf

Status & distribution: Neophyte-casual; Trafford Park, Manchester (SJ79X, BW Fox, 1959, BON); Liverpool South Docks and Herculaneum (SJ3488 & SJ3587, PG Gutteridge & PR Tomlinson, 1981); amongst cabbages, Prescott Bridge (SD41R, 1995, BON) & waste ground by Southport Pier (SD31I, 1999) DP & J Earl; grass seed impurity, Town Lane, Southport (SD31M, DP Earl & SP Toone, 2003); A59 Salmesbury (SD5730, DP Earl, 2010); Faulkner Street, Manchester (SJ8498, DP & J Earl, 2017).

Habitat: Waste ground, recently sown grass, arable fields.

Comments: Native to south-eastern Europe, appears to be more frequent as a casual at the present time, but may have been overlooked in the past.

***Hibiscus trionum* L.** Bladder Ketmia

Status & distribution: Neophyte-casual; Droylsden Tip (SJ99E, Rev CE Shaw, 1966).

Habitat: Tip.

Comments: Native to Asia, Africa and south-eastern Europe.

***Allowissadula sessei* (Lag.) M.D. Bates**

Sessile-flowered False-Indian-mallow

Status & distribution: Neophyte-casual; Martin Mere district (SD41H, AG Langden, *BEC Report* 1930).

Comment: Native and endemic to Mexico. The record for *Wissadula trilobata* Rose cited in Travis is thought to be this species.

***Tilia tomentosa* Moench.** Silver Lime



Chorley DP Earl 2008

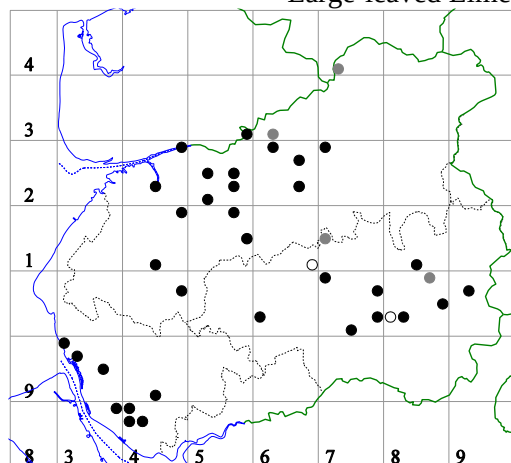
Status & distribution: Neophyte-surviving; occasionally planted in towns and cities and long known as an avenue of trees along the A59 at Penwortham to the west of the River Ribble.

Habitat: Parks, street tree.

Comments: Native to south-eastern Europe. This taxon is possibly confused with *T. 'Petiolaris'* (Pendent Silver-lime) which has been recorded from Ormskirk (SD40E, PS Gateley, 1997).

***Tilia platyphyllos* Scop.**

Large-leaved Lime



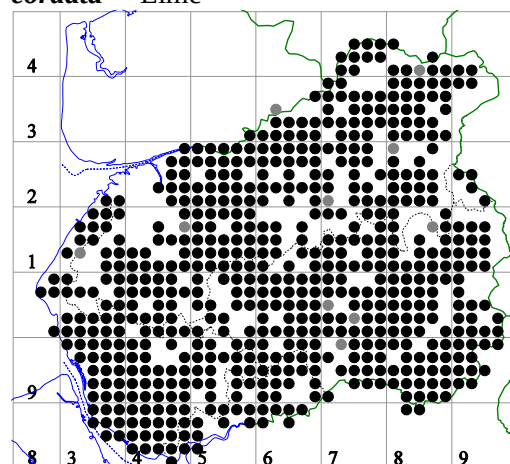
Chorley DP Earl 2008

Status & distribution: Surviving in South Lancashire; an occasional to locally frequent, planted tree.

Earliest record traced: Slope of hill, Prestwich Wood, (SD80B, Grindon 1859).

Habitat: A feature of country parks, linear walks and city parks.

Tilia x europaea* L. = *T. platyphyllos* x *T. cordata Lime



Cuerden Valley Country Park DP Earl 2020

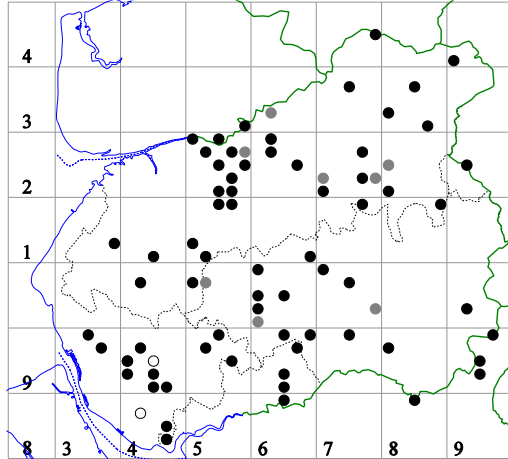
Status & Distribution: Neophyte-surviving; extensively planted at low to mid altitudes.

Earliest record traced: Woolton (SJ48I, 1848, LIV).

Habitat: Woodlands, churchyards, roadsides and parks.

Comments: Note that there are a number of young, planted trees which are a feature of recent plantings in country parks and amenity areas which closely resemble the parent species *T. platyphyllos* or *T. cordata* but are considered to be within the range of *Tilia x europaea*.

***Tilia cordata* Mill.** Small-leaved Lime



DP Earl 2020

Status & Distribution: Native, Least Concern (Red List for England); SCINWE. Scarce as a native tree, thought to be native in old woods in the Darwen and Ribble valleys, occasional and widespread as a planted tree.

Habitat: Old woodlands, planted on roadsides and in amenity areas.

Comments: A tree that appeared to be native occurred on the Bury side of the Clifton Gorge to the north of the M62 (SD70W, DP Earl, 1991) but may have been planted.

***Tilia* x *euchlora* K. Koch = *T. cordata* Mill. x *T. dasystyla* Steven**

Caucasian Lime



DP Earl 2020

Status & distribution: Neophyte-surviving; recorded from the Litherland area (SJ39I, V Gordon, 1995).

Comments: Of horticultural origin, thought to be a hybrid of *T. cordata* x *T. dasystyla*; the latter species is endemic to the Ukraine.