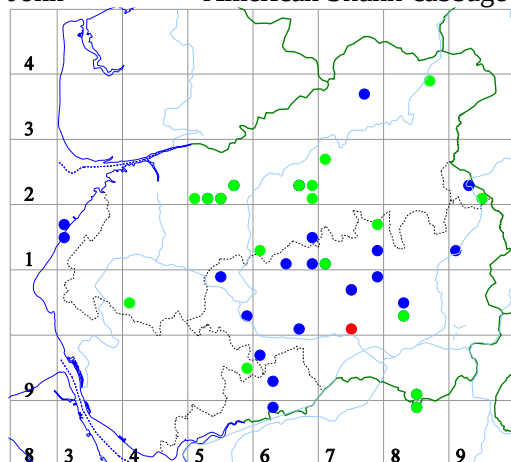


ARACEAE Lords-and-Ladies family

Lysichiton americanus Hultén & H. St. John
American Skunk-cabbage



Darwen P Jepson 2009

Status & distribution: Neophyte-naturalised; widely established and increasing.

Earliest record traced: Sunnyhurst Wood (SD6722, P Jepson, 1987).

Habitat: Dune-slacks, pond and reservoir margins, canal docks, wooded streambanks usually in parks or ornamental woodlands.

Comments: Native to America.

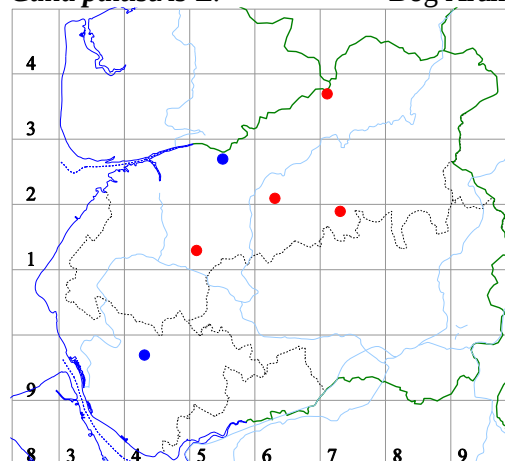
Lysichiton camtschatcensis (L.) Schott
Asian Skunk-cabbage

Status & distribution: Neophyte-surviving. Fletcher Moss (SJ8490, JR Bracken, 2014, det. K Walker); Lynstock Way, Lostock Hall (SD6508, DP & J Earl, 2019).

Habitat: Pond margins.

Comments: Native to America. Distinguished by the white spathe.

Calla palustris L. Bog Arum

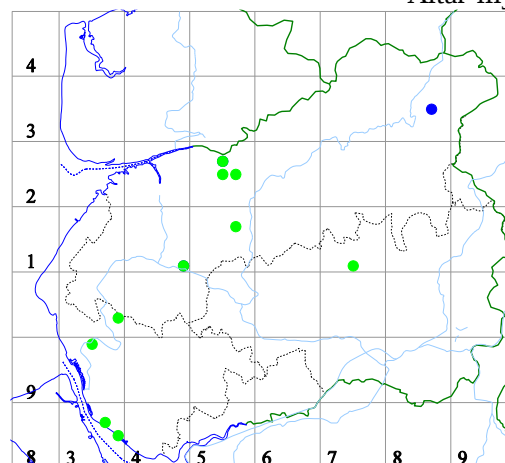


Status & distribution: Neophyte-naturalised; old quarry pool near Parbold (SD5012, EM Stephenson, 1994); Knowsley (SJ4397, RF Goodchild, 2007); pond in field off Eagleton Way (SD5426, B Hargreaves, 2013).

Habitat: Shallow waters of ponds.

Comments: Native to mainland Europe. Additional records for Ribble Valley (SD7036, 1988, LERN) as well as Brinscall Woods (SD6220) & Wayoh Fold Farm (SD7218) D Lumb, 1997 sourced from BOLTON RECORDER require confirmation and may be data entry errors for *Calla palustris*.

Zantedeschia aethiopica (L.) Sprengel
Alta-lily





Parbold plants cultivated by DP Earl 2010

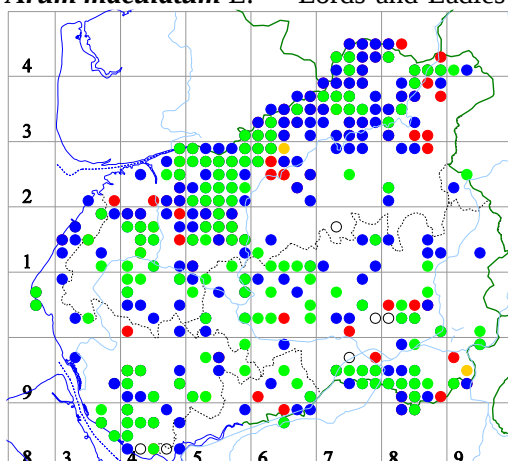
Status & distribution: Neophyte-surviving and naturalised with a significant increase of amenity plantings in recent years.

Earliest record traced: Leeds & Liverpool Canal, Parbold (SD4810, C Chadwick, 2007).

Habitat: Canal and pond margins.

Comments: Native to South Africa.

***Arum maculatum* L. Lords-and-Ladies**



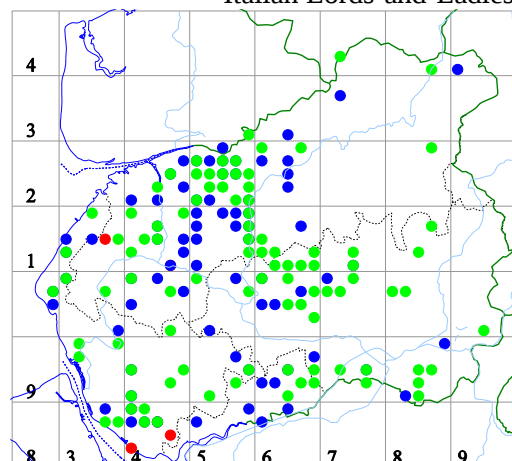
Appley Bridge PS Gateley 2008

Status & distribution: Native, Least Concern (Red List for England); Axiophyte, locally common in the Ribble Valley and the associated tributary river systems, frequent along the Tame and Mersey but surprisingly local to absent elsewhere. Long known to be virtually absent from the towns although beginning to colonise developing woodlands as at Chorlton Ees (SJ89B) and urban railway cuttings at Knotty Ash (SJ49A).

Habitat: Woods, hedgebanks, copses, shaded railway banks and roadsides.

***Arum italicum* Mill.**

Italian Lords-and-Ladies





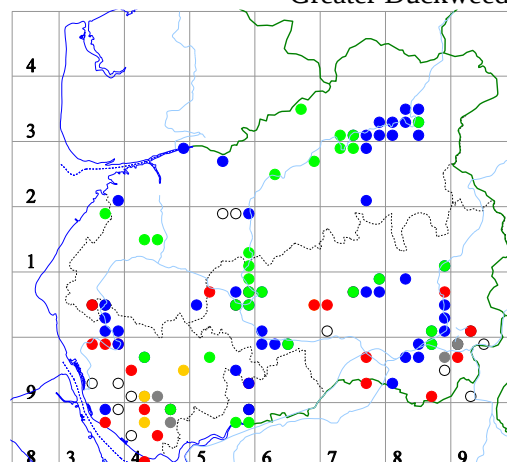
Southport DP Earl 2009

Status & distribution: Naturalised in South Lancashire; increasingly established usually close by to habitation.

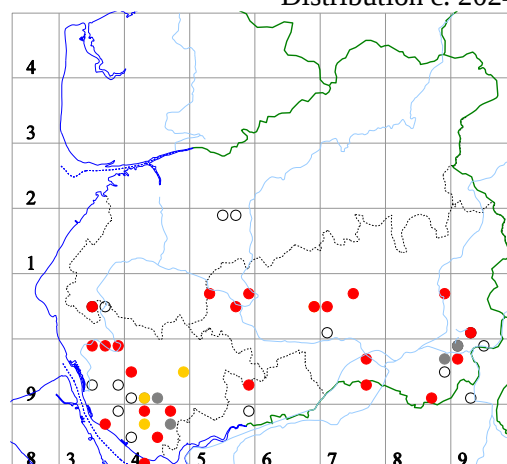
Earliest record traced: Neglected wood, Cartbridge Lane, Halewood (SJ4586, E Hardy, 1994).

Habitat: Woods, shaded ditch banks and waysides.

Spirodela polyrhiza (L.) Schleiden
Greater Duckweed



Distribution c. 2024



Distribution c. 1999

Pistia stratiotes L. Water Lettuce



Penketh DP Earl 2019

Status & distribution: Neophyte-casual; Leeds & Liverpool Canal by Brewery Lane, Melling (SD3800, Liverpool Botanical Society, 2014, det. J Clarke); Sankey Canal, Penketh (SJ5686, DP & J Earl, 2019).

Comments: Native to tropical regions. Plants are not thought to surviving over the winter.

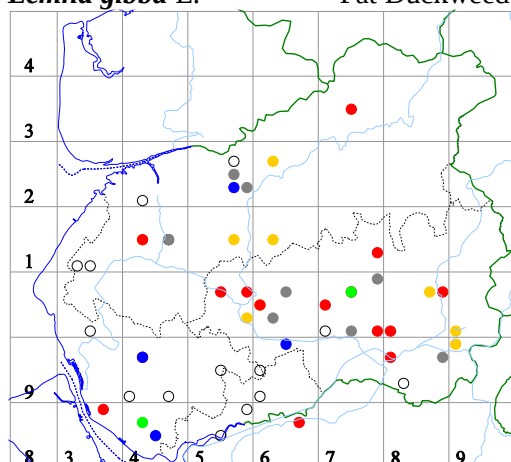


Banks DP Earl 2008

Status & distribution: Native, Least Concern (Red List for England); Axiophyte, once a localised species of the lowlands being most frequent in Merseyside and occasional elsewhere but there has been a rapid increase of this species along the canal systems in recent years as demonstrated by the distribution maps.

Habitat: Ponds, canals and slow-flowing rivers.

***Lemna gibba* L.** Fat Duckweed



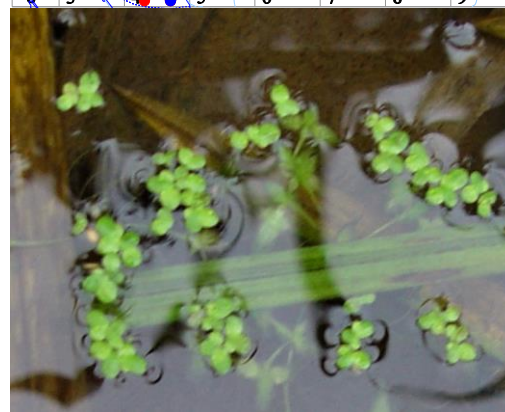
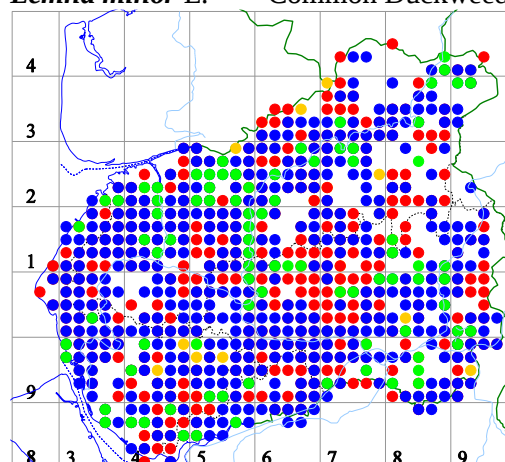
Status & distribution: Native, Least Concern (Red List for England); Scarce (5) but perhaps under-recorded with post 1994 records from the Manchester, Bolton and Bury Canal (SD7407, D Nash, 1995); Sabden Brook, near Whalley (SD73M, P Green, 1997); near Finch Farm (SJ4584, Anon@RSP, 2003); Acornfield Plantation (SJ4397, G Quartly-Bishop, 2010); Cuerden Valley Country Park (SD5623, EF Greenwood, 2013).

Former distribution: A localised species recorded mainly in the lowland districts.

Habitat: Ponds, canals and slow flowing rivers.

Comments: A very marked decline, in part be due to the infilling of field ponds, urban expansion and the pollution of ditches. Can however be overlooked and recorded as *Lemna minor* if the plants are not significantly inflated. There are periods when this species becomes prolific as about Blackburn (SD62, P Jepson, 1970's) and Salford Quays (SJ89D, DP Earl, 1991).

***Lemna minor* L.** Common Duckweed



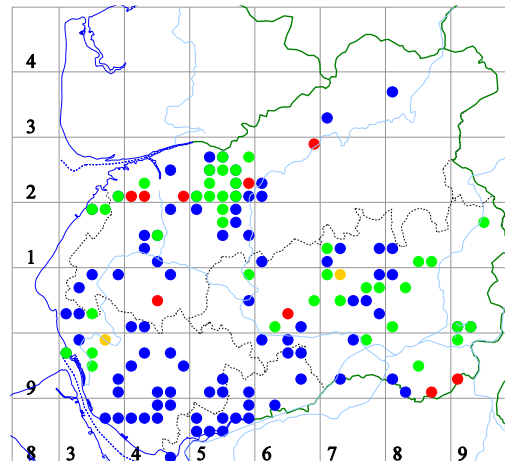
Walton-le-Dale DP Earl 2020

Status & distribution: Native, Least Concern (Red List for England); common at low to mid altitudes, scarce in some urban areas.

Habitat: Ponds, canals, ditches and slow flowing rivers.

Comments: Possibly under-recorded in some areas especially where there is limited public access.

***Lemna minuta* Kunth** Least Duckweed





Kem Mill DP Earl 2020

Status & distribution: Neophyte-naturalised, INNS; now becoming well established particularly in the lowland districts, occasional elsewhere.

Earliest record traced: Leverhulme Park (SD7308, PMA, Francis, 1980).

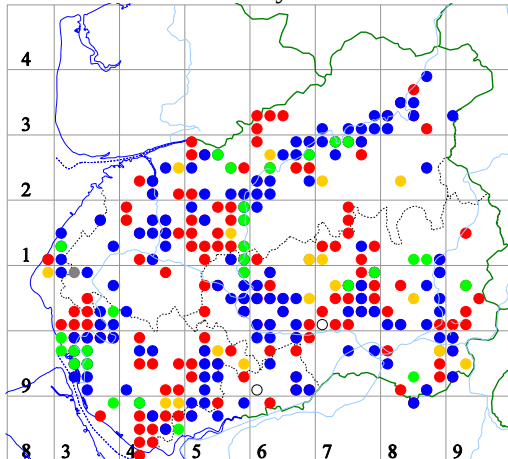
Habitat: Ponds and ditches.

Comments: Native to America. Increasing rapidly and considered to be under-recorded.

Leeds & Liverpool Canal from Bootle to Aintree and to the east of Blackburn.

Habitat: Ponds, canals, ditches and slow-flowing rivers.

***Lemna trisulca* L.** Ivy-leaved Duckweed



Preston Junction DP Earl 2020

Status & distribution: Native, Least Concern (Red List for England); Axioophyte; widespread and locally common in some areas such as along the