

A close-up photograph of a marshy area. The ground is dark, peaty soil. Several green, upright, clubmoss plants are growing, some with small, reddish-brown flower heads. There are also some green, leafy plants with long, narrow leaves scattered throughout. The lighting is bright, suggesting a sunny day.

the
species
recovery
trust

Marsh Clubmoss in Dorset

2025 Census

This project is generously
funded by Natural England and
the Valentine Charitable Trust

A huge thank you is extended to Natural England and the Valentine Charitable Trust for funding the English Marsh Clubmoss project in 2025.

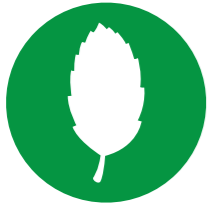
And a heartfelt thanks to all our volunteers who maintain constant vigilance in looking after these sites, in particular Jenny Ashdown and Chris & Sue Elsdon who contributed so much towards this report.



Summary



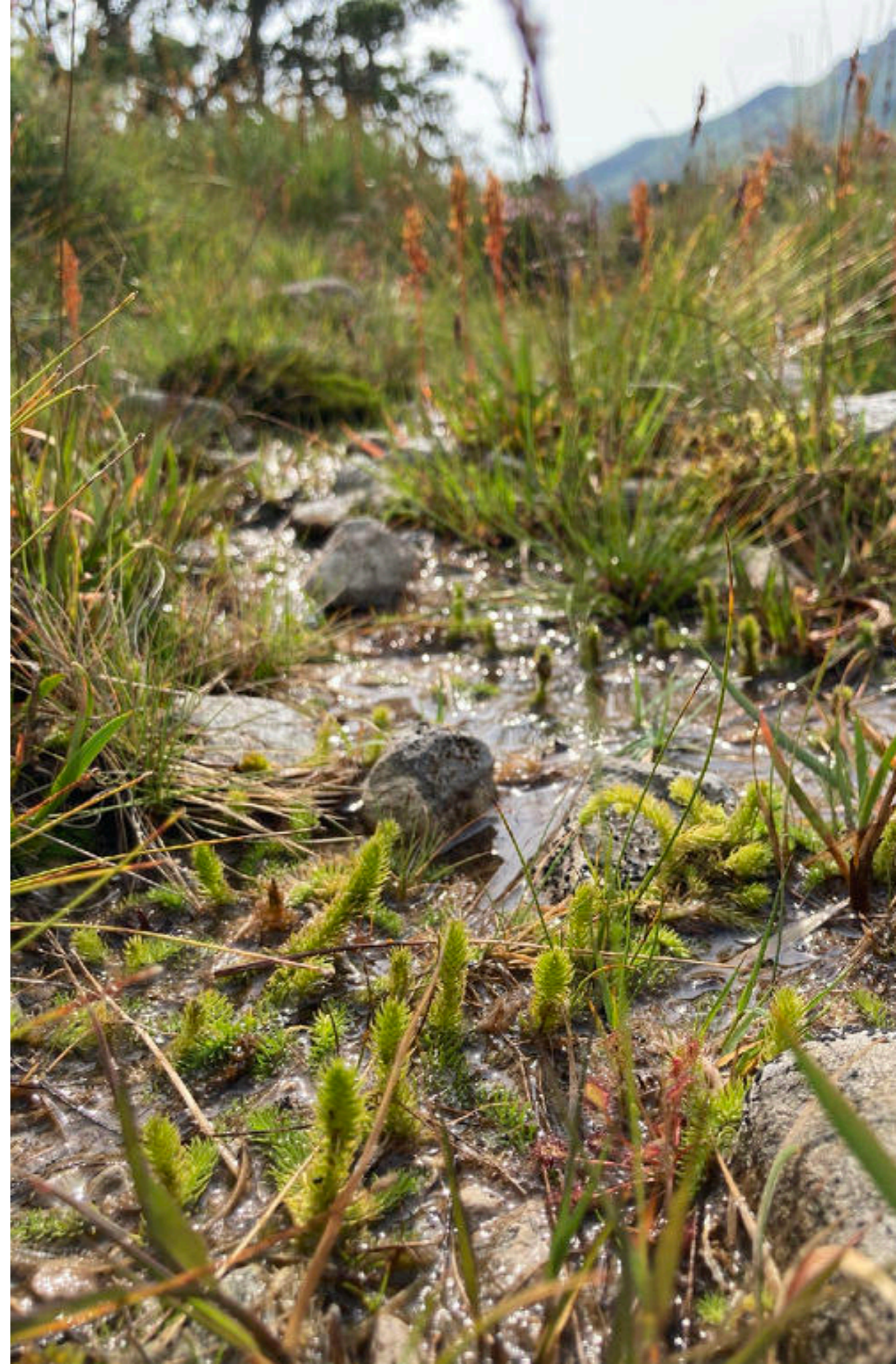
This report lays out the 2025 census for Marsh Clubmoss in Dorset. This is the first complete census for this species



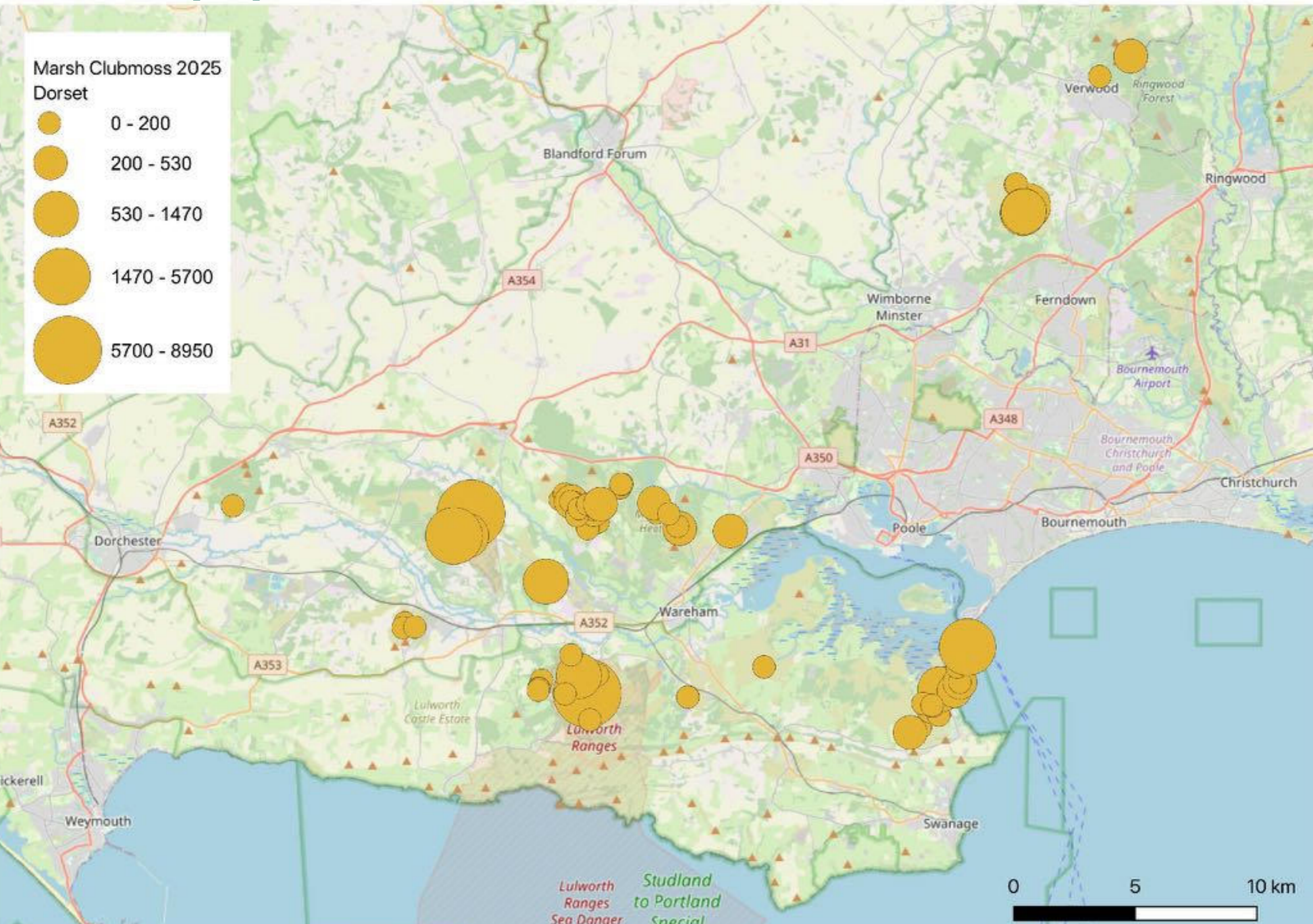
The outlook for the species is good in the county, and although some sites have been lost, there have been some key new discoveries, and several very large populations continue to persist



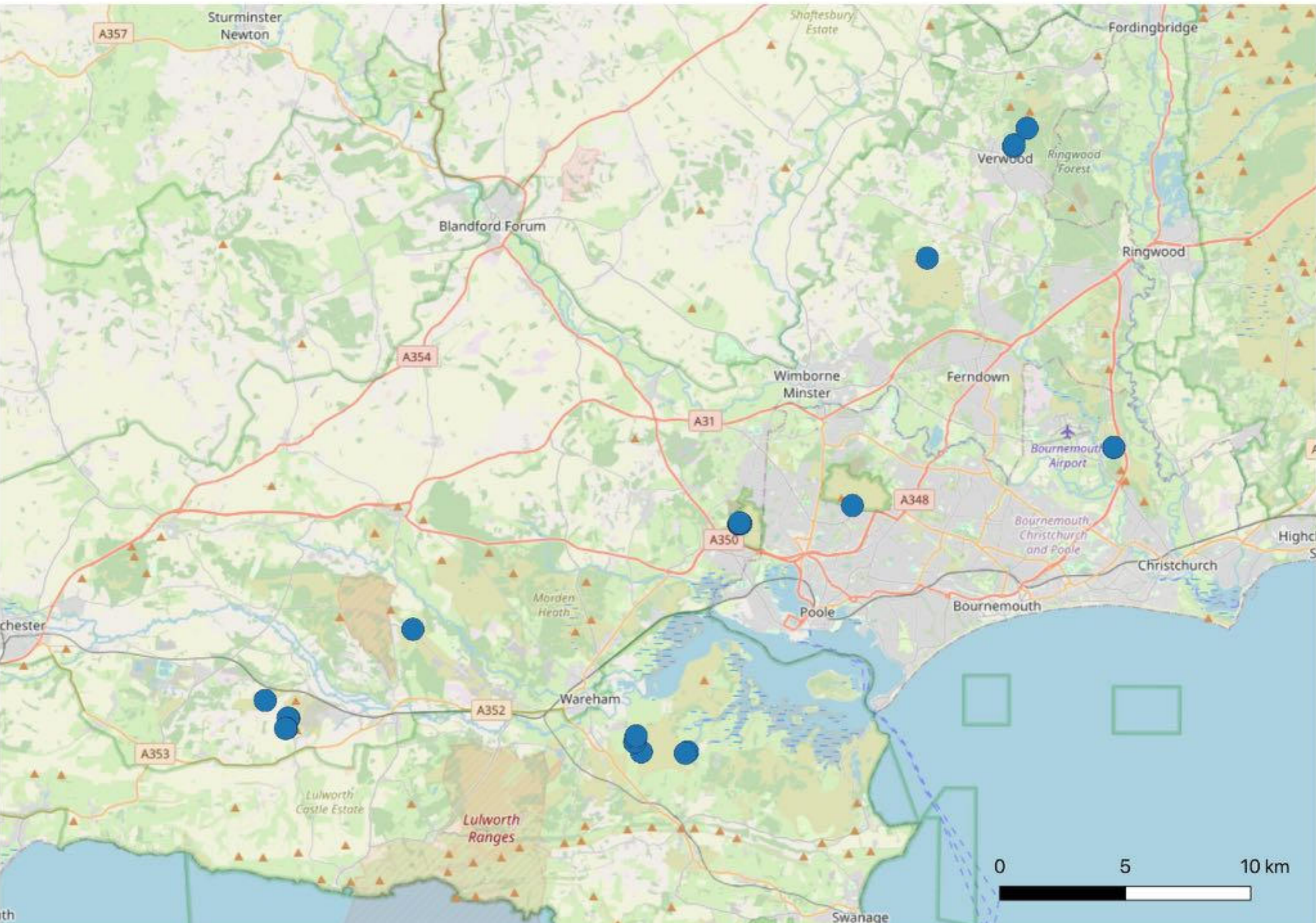
The trial translocation work is progressing, and although survival rates are low, several populations are persisting in their second and third years since being transplanted




Native populations



Translocated populations



Data summary



Number of extant native sites	93
Number of translocated sites with plant persisting	25
Total number of plants in county	46486

Site summary

Full results at end of report

Marsh Clubmoss continues to thrive in Dorset with several stronghold areas.

Meta-populations are present in the following areas:

1. Holt Heath (Natural Trust)
2. Studland/Godlingston (National Trust)
3. Lulworth Ranges (Defence Estates)
4. Hyde Bog/Wareham Forest (Forestry England)

The amount of populations lost is currently balanced out by the discovery of new sites, although it is always hard to know exactly whether these are new populations or new discoveries.

The vast majority of sites are under excellent management and there are just a handful which could benefit from enhanced management, as outlined below.



Potential for enhancement

The survey showed a good overall picture for Marsh Clubmoss in Dorset, and the general good health and excellent management of the heaths and mires is evidence through the continued presence of these plants.

A number of sites offered potential for targeted management, as follows:

Site	Owner	Action
Bovington main site	MOD	Numbers are down here as the relict tank tracks become overgrown, and it is proposed to drive a tank or similar machinery over the site to re-instate the ruts and remove some of the heather
Coombe Heath	Lulworth Estate	Populations here on the main mire have disappeared due to the closing in of the sward. This either needs mob grazing or mechanical disturbance to create more areas of bare ground
Studland Zero Slack (SZ 03503 84574)	NT	Although overall populations are good at Studland, at this site the Heather has closed in over the Clubmoss. Plants appear to have responded well to the digging of light scrapes elsewhere on site, and this is recommended to be repeated in this location

Translocation trials

Fifty translocation trials have now been established, with the majority into their second year of monitoring.

The patterns of survival remain fairly chaotic, but some trends are starting to appear:

Key early findings

- Early success is not a reliable indicator of sustained success, and when populations produce large amounts of stroboli this is often followed by mortality. The plots with slow or zero growth at the start of the trial seem better able to sustain their presence;
- Although there is no clear pattern in which habitats are better for transplants, wetter habitat contain a higher proportion of successful transplants;
- In several cases plants have been outcompeted by Sphagnum - especially in areas of newly created bare ground where species are still settling in. This appeared to be the larger Sphagnum species, which had grown over the top of the Clubmoss. To our knowledge this has not been observed happening at native sites, so requires further observation;
- At some sites, such as Canford Heath, even though the conditions and associate species seemed ideal, there was almost instant total mortality of the transplants. This matched similar rapid mortality in the native populations nearby, suggesting something is fundamentally wrong with those sites; and
- A few transplants were lost to cattle trampling. Although grazing is vital to the survival of Clubmoss the transplanted turves show low resilience to being trodden on, no matter how well they are packed into the ground.

Site Data - Introductions

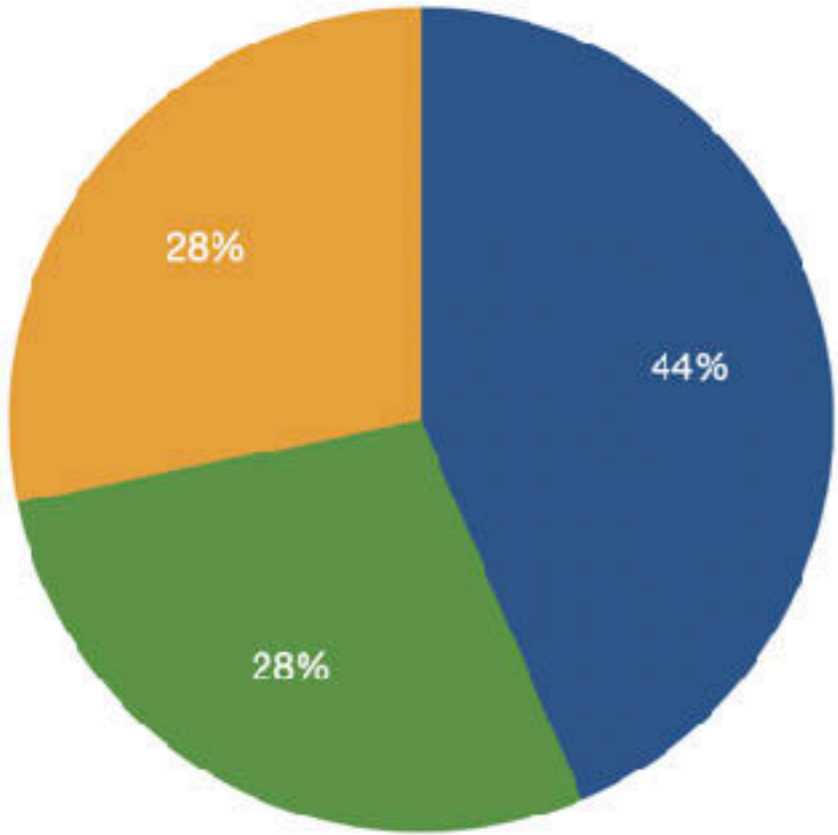
Site	Habitat	2025	Site	Habitat	2025
Ex situ	Fragment cultivation with live cultures	0	Li11 Sopley Common West I3 SZ 13226 97478	New scrape	21
Ex situ	Fragment cultivation	0	Li23 Higher Hyde i1 SY 85268 90251	Mire bog pool edge	34
Ex situ	Spore propagation	0	Li23 Higher Hyde i1 SY 85268 90251	Mire	34
Li NF48i Whitefield Moor East SU 27674 02895	Wet heath pool edge	0	Li27 Stoborough I1. SY 94114 85747	Mire island in pool	2
Li NF48i Whitefield Moor West SU 27435 02839	Heath	0	Li27 Stoborough I2 SY 94156 85922	Wet heath edge of runnel	0
Li12i1 Ringwood Mire. SU 11027 09526	Scrape in mire	0	Li27 Stoborough I3 SY 94116 85747	Vertical face in wet heath	0
Li12i2 Ringwood Mount Ararat SU 09911 10186	Wet ditch by track	0	Li27 Stoborough I4. SY 94114 85747	Mire island in pool	5
Li12i3 Ringwood Trackside SU 09748 10151	Wet ditch by track	0	Li29i Hartland I1	Mire	62
Li31a Upton Receptor SY 98365 94441	Wet heath	5	Li29 Hartland I2 SY 96018 85295	Wet Heath track edge	12
Li31b Upton Receptor SY 98334 94460	Mire	0	Li29 Hartland I2 SY 96018 85295	Wet Heath track edge	0
Li31c Upton Receptor SY 98309 94480	Wet heath	2	Li29 Hartland I2 SY 96018 85295	Wet Heath track edge	1
Li31d Upton Receptor. SY 98312 94425	Mire	0	Li29 Hartland i3 SY 96226 85356 - 3 locations	Tussocky mire	4
Li31e Upton Receptor. SY 98311 94417	Mire	0	Li29 Hartland I4 SY 96138 85299	Wet Heath track edge	14
Li31f Upton Receptor. SY 98295 94423	Drier wet heath	0	Li103 Winfrith I1 SY 80211 86329	Path through wet heath	57
Li31g Upton Receptor SY 98285 94414	Wet heath	0	Li103 Winfrith I2 SY 80302 86724	Molinia wet Heath	2
Li31h Upton Receptor SY 98273 94419	Heath mire interface	0	Li103 Winfrith I2 SY 80302 86724	Molinia wet Heath	0
Li31i Upton Receptor SY 98313 94423	Heath mire interface	40	Li103 Winfrith I3 SY 80265 86738	Bog pool edge N	3
Li5 Holt Heath North i1 SU 05786 04993	Mire	2	Li103 Winfrith I3 SY 80265 86738	Bog pool edge S	6
Li7i1 Stephen's Castle Intro South SU 09214 09419	Hand scrape in wet heath	0	Li103 Winfrith I4	Newly dug bog pool	0
Li7i2 Stephen's Castle Intro North SU 09213 09423	Hand scrape in wet heath	0	Li103 Winfrith I5	Pool on wet heath track	0
Li7i3 Stephen's Castle Mire Intro SU 09235 09498	Mire	15	Li104i1 Tadnoll Intro	Mire bog pool	10
Li104i1 Tadnoll Intro SY 79360 87442	Mire	17	Li104i2 Tadnoll Intro		8
Li11 Sopley Common East I2. SZ 13231 97498	Wet heath seepage line	1	Li33 Canford Heath Poolside	Wet heath pool edge	0
Li11 Sopley Common West I1. SZ 13221 97492	Wet heath seepage line	3	Li33i Canford Heath Top Mire	Mire edge	12

Survival analysis

	2024
Healthy	17
Low survival	11
Dead	11

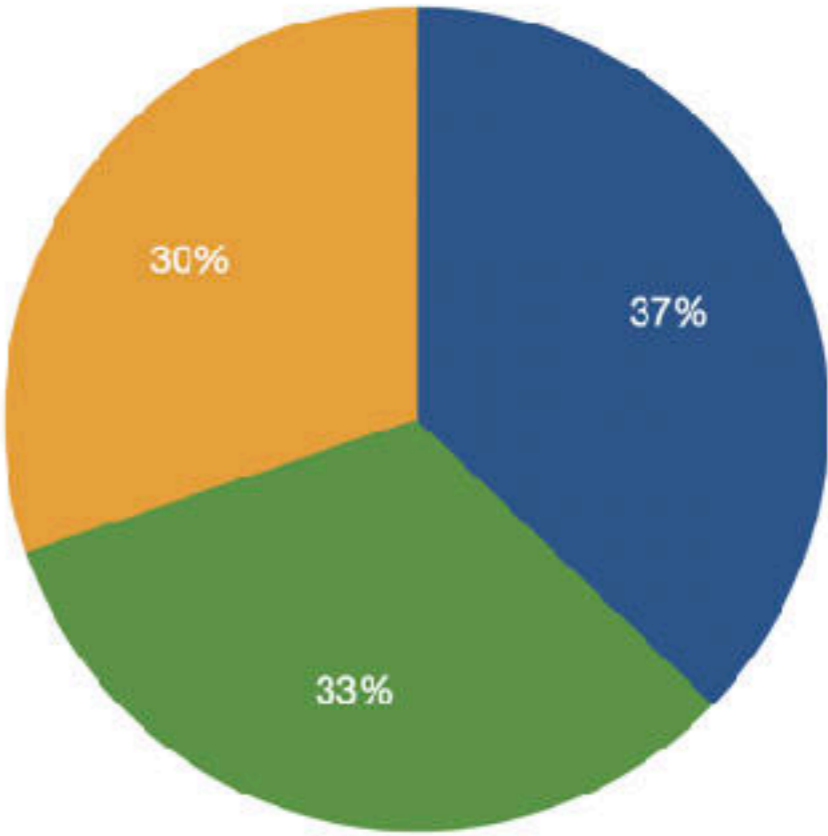
	2025
Healthy	16
Low survival	14
Dead	13

Survival rates by site 2024



● Healthy ● Low survival ● Dead

Survival rates by site 2025



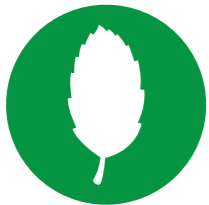
● Healthy ● Low survival ● Dead

Looking forward

Project aims 2020-2030



Repeat census of native sites in 2030. Continue to annually monitor transplant sites



Submit data to county VC and BSBI



Liaise with landowners at sites requiring management



Survey results

Site name/code	Grid ref	2025 Count	Comments	Baseline description	Status
Li11 Sopley Common South I3	SZ 13226 97478	21	16 (S). 5 (N). Spreading beyond initial plugs	Trial intro 20232 clumps from Barnsfied in scrape south of path. Red markers present. Southernmost 9 plants. Northernmost 12 plants. 2.3m apart.	intro
Li11 Sopley Common West I1	SZ 13221 97491	3	One fruiting, two vegetative	Trial intro 20236.10.23 8 plants from Li37b Godlingston Puckstone Plateau North in seepage line on east facing hillside 2m north of path	intro
Li11 Sopley Common East I2	SZ 13230 97497	1	One vegetative plant	Trial intro 2023 9 plants from Li37b Godlingston Puckstone Plateau North on seepage line on East-facing Hillside, 3 m north of pat	intro
Li33i Canford Heath Top Mire	SZ 02811 95158	12	6n, 6s. Southern site completely trodden on but Plants still present.	Trial intro site8.10.24 two clumps from Barnsfield added to eastern flank of mire. 2.35m apart To find southern site, lineup large pine to West with the first window on the first red house in the row of three then 2.35 north on other side of ditch. . 4m West of small informal Cattle path.	intro
Li103 Winfrith I3	SY 80264 86738	15	6 north, 9 south. Several fruiting. conditions excellent.	Trial intro 20232 patches on bog pool edge7 plants north4 plants south	intro
Li103 Winfrith I1	SY 80210 86329	159	16,24,8,41,45,20,5 Good growth and good amount of fruiting.The final plot has been slightly trampled all the others in excellent condition. Equally good growth in spring and autumn trials	Trial intro 2023/2415,1,6 heading SWW along slight pathway starting 3m NEE of Cladonia hummock4 more clumps added 22.3.24	intro
Li103 Winfrith I5	SY 80169 86317	2	2 plants very poorly. Too damp?	Trial intro 20238 plants at edge of track pool	intro
Li103 Winfrith I2	SY 80302 86724	5	left clump 4, right clump 1. Conditions good, if maybe a little dry.	Trial intro 20242 clumps introduced on 22/3/24 left clump 4, right clump 1. Conditions good, if maybe a little dry.	intro
Li27 Stoborough I1	SY 94175 85993	0	No plants found.	Trial intro 202313.19.23 10 plants in line on island in bog. Plants from Li37d Godlingston Brands Bog Extension	intro
Li27 Stoborough I3	SY 94116 85746		No plants found.	Trial intro 202313.10.23 13 plants from Li36h Studland Spur Bog	intro
Li27 Stoborough I4	SY 94114 85747	5	Found 4 plants at 2 gnarly distance from indicator and 1 plant at 4 gnarly distance.	Trial intro 2023Line of 10 plants in mire 6m NW of I3 straddling damp runnel running NW from marker. Plants 1 gnarly apart. Plants from Li37d Godlingston Brands Bog Extension	intro
Li29i Hartland I1	SY 94378 85358	41	First clumb from rushes at 3 meter: 7 plants; second clumb south: 20 plants; third clumb going south: 14 plants.	Trial intro using 10 individual plants in row. Row starts 4m SE of large Bog-rush clump, marked with birch twig and runs for 1.85m	intro
Li21n Hyde Bog Southern Loop	SY 87700 91432	10	Site Monitored 13:20hrs	Trackside2022 0 plants 19/08/22 CE 2021 43 plants2020 14 plants.	extant
Li 21q Lower Hyde Heath.	SY 88559 91170	22	New Site. Track through Heathland running NE to SW. Photo facing NE	Track through Heathland. Access land. (CROW) Location 3m x 1m.	extant
Li21p Hyde Bog Southern Outlier	SY88140 90903	0	Can't find the site. Habitat at GRID REF SY88140 90903 is inconsistent with that required by Marsh Club Moss. The area is heathland covered in mature heather.	Old Trackway. 2022 138 plants 2021 95	extant
Li 21q Lower Hyde Heath.	SY 88559 91170	61	Site visited at 14:20. Problem with app in field no blue circle.	Track through Heathland. Access land. (CROW) Location 3m x 1m.	extant
Li7i1 Stephen's Castle Ring - South	SU 09214 09418	0	Looking very dry	Circular scrape dug in 2018, used as trial intro sites from 2020 onwards	unknown

Li7i2 Stephen's Castle Ring - North	SU 09212 09422	0	Dried out	Circular scrape dug in 2018, used as trial intro sites from 2020 onwards	intro
Li7i3 Stephen's Castle Mire Intro	SU 09234 09497	29	45x30cm patch. Plants looking healthy seven fruiting.	Trial intro 2023	intro
Li26f Decoy Heath South	SY 91976 90897	461	Visited site 15.05hrs. 7m x 3m. Plants looking very healthy. First photo facing North. Having problems using App on site.	Side of trackFour damp/wet peat patches within 3m diameter circle, cut track on edge of heath2024. 178 2023 248.	
Li29 Hartland 2025	SY 95437 85208	20	Further search in area required,as we were doing Transects survey at time. Grid ref SY95438 85211 Survey time. 11:25hrs can't use system in field.	23 22 plants in 1m square in Mire. Plants on edge of cruciform bog pool 7.5 W of Bog rush clump. 1 plant in neighbouring g pool 1.5 m N	extant
Li34 Duddle Heath	SY 73550 91890	49	The population is increasing in number of plants and area. There are 3 plants to the north east and 1 to the north west of the original area. The area around seems to be ideally suited for it to spread, possibly though intentional management. There were a few plants that seem to have died possibly from being too dry but others are coming through which are included in the above count.	In damp depression in otherwise dry heath2021 1 small area, approx. 25cm x 10cm with approx. 16 plants23.3.23 approx. 11 to 12 plants currently showing, dip quite full of water	extant
Li22f Povington Trackside	SY 88213 83045	119	70 in ruts 14m east of track, with further 49 scattered in rut 10m east	M16 with reasonable amount of bare ground. Sward well grazed.	extant
Li22e Povington Mid-track	SY 88197 83363	11	Plants in 2m 2 in hollow with Asphodel 25m west of lane 1	M16 with plenty of bare ground around due to military activities. 2018 52 plants in 0.5x0.5	extant
Li22c new	SY 88242 83454	200	300 in 4x2	Wet Hollow 6m below lane 1	extant
Li22c Povington enclosure	SY 88236 83448	300	Plants in 1x4	600 plants in rope enclosure in 2018. Rope gone some time later	extant
Li22b Povington strips	SY 88108 84136	8950	8750 in 10x20 plus 250 outliers to east	Wet runnels in damp death2018 7540 in 35m 6 strip in. With 4 outliers. Plenty of bare ground well grazed. Westerly extent at SY88140 84149	extant
Li22a Povington North	SY 88531 84893	2	2 plants on eastern bank	2018 11 plants. 7 plants on vertical face on western side of ditch with Erica tet and Molinia. 4 plants 5m north on eastern side	extant
Li20 Highwood Heath beehives	SY 87760 84850	1470	Same damp area as previous surveys plus another patch of 270 east of damp runnel	2019. 700 plants in a 12x7 patch	extant
Li19 Lulworth-Highwood Heath South	SY 87196 84110	62	40 plants around hummock just south of small path, then 48 6m southwest in 7m strip curling back to path	Strip on edge of vegetated hummock in otherwise fairly bare area of wet heath2019 48 plants in 1m strip on edge of vegetated hummock in otherwise fairly bare area of wet heath. Former scrape or some activity has opened it up, but plants are looking poorly despite good amounts of bare ground and moisture. Associates include Molinia (low), Narthecium, Sphagnum tenellum, Juncus acutiflorus and Rhynchospora. Monitor closely, and consider temporary exclusion if area is being tracked through.	extant

Li26d Decoy Heath North	SY 91523 91500	131	5 of the plants 3m to East of main site	Side of track - Both sites are in wet heath mire between the 'E' side of the track and water filled ditch 2024 69 plants 2023 46 plants 1m ² 2023 21 plants	extant
Li26e Decoy Heath Central	SY 91890 90994	95	To much vegetation at edge of ditch.	Side of track - Both sites are in wet heath mire between the 'E' side of the track and water filled ditch 2024 186 2023 42 plants. Site is getting overgrown. 2021 533 plants. 475 + 58 (latter in 7m strip on raised hummocks in wet ditch on east of track) 2019 356 plants in total. 322 plants of mixed sizes. Area approximately 1x45m. 34 plants around 30m north in about 1m x 1m.	extant
Li26e Decoy Heath Central	SY 91890 90994	95	Plants being smothered by vegetation on side of ditch	Side of track - Both sites are in wet heath mire between the 'E' side of the track and water filled ditch 2024 186 2023 42 plants. Site is getting overgrown. 2021 533 plants. 475 + 58 (latter in 7m strip on raised hummocks in wet ditch on east of track) 2019 356 plants in total. 322 plants of mixed sizes. Area approximately 1x45m. 34 plants around 30m north in about 1m x 1m.	extant
Li29 Hartland 2025	SY 95437 85208	29	5 plants approx 1m North of main site * at site 12:05hrs *	23 22 plants in 1m square in Mire. Plants on edge of cruciform bog pool 7.5 W of Bog rush clump. 1 plant in neighbouring g pool 1.5 m N	extant
Li21a Hyde Bog Western Bog Complex	SY 87015 92089	106		Trackside site, possibly confused GR 2021 60 plants in 0.5m circle 2022 0 plants 19/8/23 CE 2019 42 plants	extant
Li35 Creech	SY 92305 83978	13	1 stroboli. Small plants not looking great.	New site. 10 plants found by Helen Powell 2022. 1m east of track below new scrape	extant
Li29i Hartland I1	SY 94378 85358	62	Tupperware Turves: 8 (3 strobili) 25 (20 strobili) + 21 (6 strobili) (heading south from red peg to red peg). Vegetative spread outside of the planted turf. Lots of strobili. Individual plant translocations: 8 plants with 5 strobili (from birch peg to 1.85m east, all plants approx a gnarley apart). All plants are looking really healthy, some really long. Many hidden within the spagnum and only visible through strobili sticking up.	Trial intro using 10 individual plants in row. Row starts 4m SE of large Bog-rush clump, marked with birch twig and runs for 1.85m	intro
Li27 Stoborough I3	SY 94116 85746	0	Turf kicked out by cow	Trial intro 2023 13.10.23 13 plants from Li36h Studland Spur Bog	intro
Li27 Stoborough I4	SY 94114 85747	0	Maybe too wet? Abundant Spagnum pulchrum	Trial intro 2023 Line of 10 plants in mire 6m NW of I3 straddling damp runnel running NW from marker. Plants 1 gnarly apart. Plants from Li37d Godlingston Brands Bog Extension	intro
Li27 Stoborough I2	SY 94155 85921	0	No idea why it failed	Trial intro 2023 13.10.23 8 plants in plug from Li36g Studland Spur Bog	intro
Li27 Stoborough I1	SY 94175 85993	2	2 plants, only visible through strobili. No. 7 & 9 knarlies (from red marker)	Trial intro 2023 13.19.23 10 plants in line on island in bog. Plants from Li37d Godlingston Brands Bog Extension	intro
Li29i Hartland i3	SY 96226 85355	4	Looking sad	Trial intro. 3 clumps in mire	intro
Li29 Hartland I4	SY 96138 85299	14	8 (2 strobili) in eastern turf, 6 (4 strobili) in western turf. Plants looking slightly poorly.	Trial intro 2024 4.10.24 2 clumps added along old trackway. 3.5m apart and c.3m south of square pool 12.6m NWW of Holly bush. Easterly clump just below (north) of lichen hummock, north of path. Westerly clump in centre of track west of Heather	intro
Li29 Hartland I2	SY 96018 85294		From north: 12 (4 strobili) + 0 + 1 (1 strobili). Middle turf lost to erosion or cattle trodden. Plants looking a bit yellow and unhealthy.	Trial intro 13.10.23 3 clumps along track 1/m heading north 5 2. 7 Shell Bay	intro

Li37 Godlingston New Site	SZ 01452 82511	230	Plant in 2x2m patch around edge of bog pools	10m ² area in a boggy section facing N/ NE.2023 247 plants 2022 NT 30m ² with c. 800 plants	extant
Li37k Godlingston Upper Central Valley	SZ 01870 82708	95	50 on edge of scrape, some colonising in 5 in SE cluster (2m from scrape) 40 in SW cluster (2m from scrape)	Growing on small area of open ground with sparse Molinia and Eriophorum. 2019 scrape dug accidentally close to the plants	extant
Li37f Godlingston Brands Bog Extension	SZ 02415 83559	110	110 plants (11 strobili). Between two heather islands, on bare peat. 5m from nearest scrape/pond!	2021 20	extant
Li37d Godlingston Brands Bog Extension	SZ 02379 83580	480	Plants on bare peat areas around Heather island. Around 10x8m squared area. Strobili present and fruiting.	Plants in damp hollows between Heather tussocks. 2023 187 plants in a 3m ² area.	extant
Li37i Godlingston Coronella Hill Heaths	SZ 02631 83227	23	Plants at base of hummock 2.8m south-west of bog pool in runnel	3 plants on edge of hummock at edge of mire	extant
Li37? Godlingston Brands Bog Extension	SZ 02375 83585	32	32 plants found in 2025 by BH & HS	Wet Heathland/mire habitat. Bare peat between a cluster of heather islands. Tyre nearby	extant
Li37a Godlingston Puckstone Plateau North	SZ 01984 83704	0	Too dry or too overgrown	2021, 2017, 2019 0 plants found	extinct
Li37c Godlingston Brands Bog Extension	SZ 02359 83629	70	Next to a square-ish looking scrape. Mostly growing in and under the sphagnum, so would be difficult to survey without strobili up. Lots of strobili. Healthy looking plants.	Not found in 2021 or 2017	extinct
Li36g Studland Spur Bog	SZ 02656 84289	505	Wet bog. Sundew, cross leaved heath, bog asphodel, sphagnum. 8 by 2 meter track. Lots of deer disturbance.	plants on bare peat at edge of mire. Other species; Narthecium ossifragum, Erica tetralix, Eriophorum angustifolium, Drosera rotundifolium. 7m patch. 3 plugs taken 6.10.24	extant
Li36h Studland Spur Bog	SZ 02706 84287	871	790 + 80 + 1 - main population at blue dot. 1 plant 10m south from main pop, and 80 7m SE from main pop (see photo)	Plants in strip of wet more between two soakways.2023 6.10.23 650 plants DP3 plugs taken2022 1000+ plants (03/08/22) CE2021 460 (450+10 plants 4m to SW). Main clump 4x3m2019 200 plants2018 190 plants 2017 125 plants in strip of wet more between two soakways. Reasonable bare ground although high quantities of Molinia, also Eriophorum angustifolium, Narthecium ossifragum, Erica tetralix	extant
Li36i Studland Dunes	SZ 03268 84217	100	11 meters of track in amongst heather	First found in 2022 (Robin Walls 100 plants)	extant
Li36i west Studland Dunes	SZ 03274 84226	11		Trackway in Heath in dune slack	extant
Li36inorth	SZ 03268 84228	420		Just to the northern of the last site. 11 meters away.	extant
Li36e Studland Zero Slack	SZ 03503 84574	311	Main clump 205 then 2 to south (31 & 20) Plus 57 scrapes to east and 40 in south scrape	3? clumps in open ground in amongst heather. Main clump on small lath heading east perpendicular to main track, then 2 more clumps to south	extant
Li36e Studland Zero Slack	SZ 03503 84574	6	One plant in original location and a further five at edge of scrape to the West	3? clumps in open ground in amongst heather. Main clump on small lath heading east perpendicular to main track, then 2 more clumps to south	extant
Li36b Studland Eastern Lake Marsh	SZ 03389 85200	20	Plants looking dreadful, no fruiting	Short stretch of damp trackway	extant
Li36a Studland Dunes Shell Bay Satellite	SZ 03702 86066	26	Healthy looking plants on edge of bare peat areas around, approximately 1.5m east from the path. Small clump about 30x30cm	Slightly damp hollow east of the path 2023 6 plants in 2 patches (4+2) in. Good open conditions DP 2023 6 plants over 1.5m area	extant
Li36a Studland Dunes Shell Bay Hollow	SZ 03814 86024	5700	Maybe down on previous years	Thousands of plants in damp dune slack	extant
Li17 Masters Quarry	SY 86419 88731	1100	Main clump plus outliers	Population in wet Heath at base of old quarry. with good areas of damp bare ground. Population on either side of bare ground	extant
16				2021 1130 plants. 1050 in dense central clump with 80 plants dotted around in outliers in 10m radius. condition good	

Li23 Higher Hyde i1	SY 85268 90251	34	From north to south: 11+7+1+5+3+7 Small plants, no strobili.	Trial intro 2023/2413.10.23 3 plots around pool with one more 6.8m to north Material from Li36h Studland Spur Bog, Li36 Shell Bay, Li36 Shell Bay, Li36g Studland Spur Bog3rd site (on pool edge) of note as dry and sandy to inundated conditions 4.10.24 three new clumps (Barnsfield) added. From north - in sphagnum, deep inundation on dead Spagnum and mire edge	intro
Li18d Coombe Heath	SY 86225 84675	11	Clump of 10 plants with one outlier 1m to NW	New population 2025 on northeast edge of path	extant
Li18c Coombe Heath	SY 86116 84349	0		6 plants 0.6 patch in (2022)	extant
Li18b Coombe Heath	SY 86115 84333	0	Sward too dense	8 plants, 7 fruiting, 0.8m (2023)	extant
Li18a Coombe Heath	SY 86086 84263	9	Good fruiting	Wet heath 2023 7 plants in 1sq/m. 2022 12 plants in 1.2m 2019 2 strands in wet heath	extant
Li16 Turner's Puddle Heath SAS	SY 83339 91516	8400	Plants in 35x15 patch running south from track	2600 plants 16x10 patch (2019)1995 Lowland heath1000+ plants on wet heath	extant
Li14c Bovington MOD	SY 83138 90623	940	Plants in 5x6m patch with small patch above	1150 10m x 5 m + another 1040 just above on the slope, both near pond (2019)	extant
Li14a Bovington MOD	SY 82642 90619	3290		19,360 plants in 35x20m on wet heath with former tank disturbance (2019)	extant
Li103 Winfrith I2	SY 80302 86724	2	West - 0. East - 2	Trial intro 20242 clumps introduced on 22/3/24 left clump 4, right clump 1. Conditions good, if maybe a little dry.	intro
Creech	SY 92301 83970	9	Site was visited at approx 10:00	Wet Heath Damp area at side of track	extant
Li103 Winfrith I3	SY 80264 86738	5	N - 3. S - 2.	Trial intro 20232 patches on bog pool edge7 plants north4 plants south	intro
Li103b Winfrith Heath	SY 80615 87048	54	3x2 patch	Strip at base of hill running east from Cladonia hummock2023 59 in 3x2 strip2020 18 plants in3x12017 14 plants	extant
Li103d Winfrith Heath	SY 80532 86855	2	Conditions, sub optimal and site appears to experienced a period of high inundation followed by drying out, with a crusty layer of algae present over most of the ground	0.5 square on edge of wet Heath2023 8	extant
Li103 Winfrith I1	SY 80210 86329	57	4 8 6 12 8 17 2	Trial intro 2023/2415,1,6 heading SWW along slight pathway starting 3m NEE of Cladonia hummock4 more clumps added 22.3.24	intro
Li103 Winfrith I4	SY 80176 86324	0		Trial intro 202310 plants on edge of new bog pool; soil mix of peat and d organic matter	intro
Li103 Winfrith I5	SY 80169 86317	0		Trial intro 20238 plants at edge of track pool	intro
Li104i1 Tadnoll Intro	SY 79360 87442	10	Plants only remaining in western location, but looking very healthy and spreading	Trial intro 2023 2 tubs and 3 loose plants added around muddy pool in mire Tub17 12Big tub 11 20Tub13 3 plants 1 gnarly apart	intro
Li104i1 Tadnoll Intro	SY 79360 87442	8	Plants looking extremely healthy. Not fruiting but showing good vegetative spread.	Trial intro 2023 2 tubs and 3 loose plants added around muddy pool in mire Tub17 12Big tub 11 20Tub13 3 plants 1 gnarly apart	intro

Li103f Winfrith Heath	SY 81016 86882	29	1.5x1.5m Good availability of bare ground	1.3m patch along remnant trackway 2020 19 plants - 5 tractor drive-bys carried out 2019 18 plants	extant
Li20c Highwood Heath Northern Triangle	SY 87441 85711	0	No bare ground although current management may promote this	1m patch 8m east of gorse birch clump 2019 14 plants in 1m patch 8m east of gorse Birch clump 2005 100+ plants	extant
Li28 Holton Heath	SY 94057 90782	500	14m with dense patches in centre	Wet peaty track with heather and gorse each side. Plants in ruts in eastern side, stretching 15m 2023 1537 plants counted 21m	extant
Li31h Upton Receptor	SY 98272 94416	0	Overgrown by Sphagnum	Trial site April 23 13 plants 5 m SSE of track	intro
Li31g Upton Receptor	SY 98284 94414	0		Trial site April 23 13m SSE of track towards 2 large clumps of Molinia in soakway	intro
Li31f Upton Receptor	SY 98295 94423	0		Trial site April 23 10m SE of track bend towards middle birch	intro
Li31d Upton Receptor	SY 98311 94424	0	All plants died, no obvious reason but Sphagnum is dense	Trial site April 23 Hollow norther of mire	intro
Li31i Upton Receptor	SY 98313 94423	40	From west 12. 7. 9. 12. All looking well	8.10.24 4 clumps from barnsfield , 5m apart. 16m down from path 11.5 up from blue post	intro
Li31a Upton Receptor	SY 98364 94440	5		Trial site April 23 9.56m Sse of pine. 11m North of pylon	intro
Li31b Upton Receptor	SY 98333 94460	0	No obvious reason. Still damp, but slight lack of associate species.	Trial site April 23 5.5 S of Telegraph pole	intro
Li31c Upton Receptor	SY 98309 94480	2		Trial site April 23 26.5m north of telegram pole	intro
Li21j Hyde Bog Old Trackway	SY 88141 91891	82			extant
Li9a Cranborne Common	SU 10475 10231	9	7 in north west rut, 2 in south west	Wet trackside in heath	extant
Li9c Cranborne Common	SU 10486 10256	240	It's about 3x3m square	25m Wet trackside in heath	extant
Li12i3 Ringwood Trackside	SU 09747 10151	0	Pond overgrown, track no longer suitable	Trial intro 20232 sites along north of track. Clump 1 - 21 on southern edge of small pool Clump 2 - 17 14m down track (east) on track edge	intro
Li21m Hyde Bog Southern Track E	SY 88390 91690	370	Over approx. 5m x 1m	Trackside2023 335 plants over 7m x 1m area 08/09/23 CE2023 335 plants over a 6m area 10/9/23 JA2022 478 plants 15/08/22 CE2021 328 plants2020 150 plants.	extant
Li21l Hyde Bog Southern Track W	SY 88368 91695	94	5.5m including one main group of approx. 80 to the north & 14 spread south along track. Seems to be spreading east into bare ground too, see photos	Damp section of track2023 44 plants total. 41 plants on peat patch 50cm x 50cm plus two plants 1.2m north and 1 plant 2m south. Sites are in cut track through wet hearth. 2023 35 plants2022 43 plants2021 19 in 40cm clump2019 46 plants	extant
Li21n Hyde Bog Southern Loop	SY 87700 91432	16	10 plants over area approx. 3m x 0.5m plus a subset of 6 plants to the North East actually on the track at SY 87725 91448, as shown in 2nd & 3rd photos	Trackside2022 0 plants 19/08/22 CE 2021 43 plants2020 14 plants.	extant
Li21o Hyde Bog Far Side	SY 87287 9190	80	3 subsets along approx 15m alongside the track Subset 1 SE - 10 Subset 2 - 14 Subset 3 - 66	Trackside2023 30 plants in an area approx. 60 x 45cm JA2022 12 15x20cm2021 12 15x20cm2019 25plants in two clumps	extant
Li21b Hyde Bog Northern track near scrape	SY 87190 92324	7	In an area approx. 0.5m x 0.25m	area of damp peat in heath less than a meter from an old back from the brink wet scrape2024 4 plants. Chris Elsdon.2023 8 plants	extant

Li5r Holt Heath	SU 06069 03806	62	3x1 patch, in 3 clumps		extant
Li5s Holt Heath	SU 06060 03801	38		2x1 patch in mire 5m east of track	extant
Li5p Holt Heath	SU 06071 03824	490		8m strip running south of Molinia/fencepost clump	extant
Li5oq Holt Heath	SU 06074 03833	1150	14m patch with dense clumps and outliers	Patch running 14m north starting 5m north from Molinia/fence post clump	extant
Li5mx Holt Heath	SU 06113 03863	0		?	extinct
Li5i Holt Heath	SU 06096 03883	55	2x1m	Mire	extant
Li5h Holt Heath	SU 06100 03904	1000	14x3 stretch		extant
Li5k Holt Heath	SU 06126 03890	90	1x1 patch	Small patch at Eastern end of long stretch	extant
Li5l Holt Heath	SU 06146 03894	20	In pools around Molinia island	5x2m patch	extant
Li5j Holt Heath	SU 06108 03893	750	10m stretch ending just east of Molinia clump	in amongst Molinia and Rhynchospora in damp depression running in a curved shape	extant
Li5g Holt Heath	SU 06096 03920	90	1x1	2x2m patch	extant
Li5f Holt Heath	SU 06132 03923	260	3x3 patch	3x3m patch 10m west of bog pools	extant
Li5e Holt Heath	SU 06254 04056	1400	8x8m	10x10 patch	extant
Li5c Holt Heath	SU 06284 04115	530	6x3	3x3m patch just south of licheny hummock	extant
Li5c Holt Heath	SU 06284 04115	900	Dry but plants looking good	3x3m patch just south of licheny hummock	extant
Li5b Holt Heath	SU 06187 04132	26		1x1m	extant
Li5a Holt Heath	SU 06155 04155	14	Site very dry, Plant existing in amongst cracked surface	1m x 1m patch.	extant
Li5N1 Holt Heath	SU 05767 04989	30	Plants looking okay despite fire coming over the top of area	Plants on edges of bog pools	extant
Li5 Holt Heath North i1	SU 05786 04993	2		4 flags. 55 plants moved in 2023	intro
Li5N2 Holt Heath	SU 05797 05013	0	Fire	4m N of double hummock	extinct
Li25c Woolsbarrow Trackway	SY 89484 92581	44	Reduction in abundance. The plants are spread over an area approx. 8.5m x 2.5m with the exception of 8 to the eastern side approx. 1.3m from the fence. There are bare areas & some poaching but mostly not around the populations of Lycopideia inundata however there is one area where it does seem to be expanding into. See photo 4	Side of trackway in wet heath	extant
LiS Woolsbarrow Scrape	SY 89480 92570	174	The are 64 in the southern area, 100 in the middle and 10 in the northern area. I removed the scots pine that had been cut and left on some of the plants in the south. They are still green but a bit straggly, photo 2. The northern area is still wet with soaked Sphagum, photo 3	New Marsh Clubmoss scrape, scrape created immediately adjacent to stand of Marsh Clubmoss(on NE edge), Woolsbarrow (Wareham) SY8948 92572022 91 in 5 areas. 50 of them in central area, 17 to the north of this and 24 to the south. Orange lines to make contractors aware. JA.	extant
Li25b Woolsbarrow East	SY 89552 92719	31	In a 1m x 1m approx. square	Bank just south of wet track2021 5	extant
Li25a Woolsbarrow East	SY 89513 92719	55	Only found one of the patches but maybe they have joined as the population has increased.	2 patches in amongst hummocks on damp trackwa2021 11	extant

Li21e Hyde Bog Pylon West	SY 87464 91987	82	Plants in 2 sub-sets 82 plants in 2 areas of approx 6 x 1.5m & 3-4m SW of main track & opposite pylon track.	Population in scattered clumps over 6m. Good habitat, aided by recent tracking over by digger 2022 94 plants JA 2022 72 plants 18/9/22 CE 2021 60.	extant
Li21f Hyde Bog Pylon East	SY 87476 92001	504	Plants seems to have moved away from the slight ditch along the side of the main track and are growing on the higher ground. They are between the pegs shown in the photo	Growing on and by junction of main gravel access track with little used track leading to pylon. 2022 9272021 455 plants in 10m circular patch beneath pylons. Densest plants on old ruts on trackway, extending W into puddle (October) 2017 270 plants to east 230 to west	extant
Li21g Hyde Bog Track bend	SY 87555 91980	196	In an area 19.5m x approx 1.5m Possibly increasing along track edge WNW	Residual wet heath on track edge	extant
Li21h Hyde Bog Trackside West	SY 87563 91933	68	3m strip along trackside	Trackside 2022 107 plants 2021 32 plants in 4m strip 2019 4x1m young plants	extant
Li21i Hyde Bog Scrapeside	SY 87784 91727	10		Plants adjacent to scrape2022 62022 92021 42019 New site 11+1	extant
Li21j Hyde Bog Old Trackway	SY 88141 91891	82	As per Chris Elsdon, adding record to add photos		extant
Li26f Decoy Heath South	SY 91976 90897	300		Side of trackFour damp/wet peat patches within 3m diameter circle, cut track on edge of heath2024. 178 2023 248.	extant
Li26e Decoy Heath Central	SY 91890 90994	118	Some seeming to grow into sand unless path has encroached further onto edge, photo 3	Side of track - Both sites are in wet heath mire between the 'E' side of the track and water filled ditch2024 1862023 42 plants. Site is getting overgrown.2021 533 plants. 475 + 58 (latter in 7m strip on raised hummocks in wet ditch on east of track)2019 356 plants in total. 322 plants of mixed sizes. Area approximately 1x45m. 34 plants around 30m north in about 1m x 1m.	extant
Li26b Morden Bog	SY 90989 91535	174	Sparsely over an area 16m x 2.5m by the side of small path off main trackway. Area of poached ground. Seem to be favouring areas of sphagnum and Erica tetralix rather than bare ground & the area has had bare ground for a while according to Jasper's previous record		extant
Li26c Morden new	SY 90892 91941	351	Still a 10m strip including 9 plants on western edge of scrape. Also 15 plants on western side of narrow footpath, photos 4 & 5	10m strip on east of path in trampled bare ground between small walking path and large scrape, over a stretch of 15 meters2023 400 (JI)2021 246 plants in2019 9 plants on edge of track	extant
Li26a Morden Bog	SY 91526 91501	0	Haven't been able to locate any plants. There is quite dense vegetation of Erica tetralix, Molinia caerulea & some Calluna vulgaris		extant
Li21k Hyde Bog By Scrape	SY 88671 91900	270	In 3 groups, 2 directly west of scrape and 1 to the south west	Plants on old firebreak2022 543 plants total. 300, plus 9 on other side of scrape and 233 plants 10m south of scrape2021 348 2 clumps on SW of scrape(130+210) , one on NE (8)2019 c.400	extant
Li21d Hyde Bog Pylon West N	SY 87448 92010	124	116 in one area with 8 approx. 7.5m south	70m NW from above site along old trackway, plants at the end opposite square sand scrape. 2024 23 plants 2022 24	extant

The Species Recovery Trust is a charity set up to tackle the loss of some of the rarest species in the UK.

There are over nine hundred native species in the UK that are classed as under threat, with several hundreds more currently widespread but known to be in significant decline. The countryside is now bereft of many species that were a familiar sight a mere generation ago.

A small number of these species are on the absolute brink of existence, poised to become extinct in our lifetimes; our goal is to stop them vanishing.

Our aim is to remove 50 species from the edge of extinction in the UK by the year 2050. In addition we are reconnecting people with wildlife and the natural world through training programmes and awareness raising.



A photograph of a forest floor in spring. The ground is covered with a dense carpet of purple bluebells. Several large, weathered tree stumps are scattered across the scene, some with moss growing on them. The background is filled with tall, slender trees with fresh green leaves, suggesting a young forest or a woodland in early growth. Sunlight filters through the canopy, creating dappled light on the ground.

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