

# WILDLIFE TRAVEL DORSET

14<sup>th</sup> to 18<sup>th</sup> June 2021



**Leaders**

Philip Precey

Phil Saunders



A gallery of photos from the trip is at

[www.flickr.com/photos/wildlifetravel/albums/72157719430621786](https://www.flickr.com/photos/wildlifetravel/albums/72157719430621786)

## 15<sup>th</sup> June 2021. Purbeck Heaths

Our first morning saw us driving the short distance, via Corfe Castle and its gap in the chalk ridge, to that most 'Dorset' of habitats, the lowland heaths of the newly-created 'mega reserve' of Purbeck Heaths National Nature Reserve. We explored the Hartland Moor sector of what is now amongst the largest nature reserves in the country, formed by joining up three earlier National Nature Reserves, and protecting some of the very best lowland heathland habitat in the world...

With the recent sunny weather continuing through the day, it was a little too warm to stand much of a chance of finding any reptiles, for which the area is so famous, but the conditions were pretty near perfect to give us the opportunity to find some of the area's special invertebrates.

A trio of day-flying moths got us off to a good start, with the nationally scarce Small Grass Emerald, a Four-dotted Footman (not to be confused with the Four-spotted Footman of course...) and a well-marked Grass Wave, all specialities of the Dorset heaths. Silver-studded Blues were newly emerged, with several resting amongst the heather.

Heading to a peaty-edged pond, we found our first dragonflies of the morning: Azure Damselfly and Four-spotted Chasers were zipping across the open water, while the newly-emerged Keeled Skimmers were resting in the rushes. Around the damp edges, we also found the sticky leaves of sundews, with all three species present here: Oblong-leaved Sundew around the pond, Round-leaved Sundews on the damp tracks and a small group of Great Sundew by a smaller pool.

A larger pond was on a clay-ier part of the site, with muddy edges and less acidic water, more to the liking of Emperor Dragonfly, Broad-bodied Chaser and Black-tailed Skimmer, with Common Blue and Blue-tailed Damselflies around the reeds. Water Forget-me-not and Blue Water Speedwell were growing around the marshy margins, with the large white flowers of Lesser Water Plantain, a particularly scarce plant that has a liking for base-rich peaty water.

Phil led us to another damp reedy area, where Southern Marsh Orchid, Ragged Robin, Marsh Pennywort and Meadow Thistle were growing. The thistles seemed to be a favourite nectar source for the rare Brown-banded Carder Bee, while one of the real stars of the morning was the dainty Southern Damselfly, with several pairs flitting about amongst the rushes and posing enough for us to see the characteristic 'mercury' symbol on the 2<sup>nd</sup> abdominal segment through binoculars.

We then headed east across the site. Stonechat families were calling from the tops of gorse bushes, and a couple of jaunty Dartford Warblers hopped up, with their scratchy song and floppy-tailed song flight.

As we walked along the tramway, the remnants of Dorset's very first 'railway', a couple of Green Tiger Beetles flew up from the path in front of us. Phil was paying particular attention to the hot, bare sand along the track edge, where various bees and wasps were zipping about, the sand dotted with their nest holes. And before too long, his searching was rewarded with a lovely little dark-blotched, delta-winged fly, the Mottled Bee-fly. This is a 'cuckoo' nest parasite of the Hairy Sand Wasps which were particularly obvious along this section of the path, and yet another speciality of these southern heaths.

Around the corner, and yet another little buzzer put in an appearance, this time perhaps the rarest animal we would see all week: the Purbeck Mason Wasp, a very smart black, white and red species which is all-but endemic to the Purbeck Heaths, with one other population... in Iran, of all places! Along the raised bank of the tramway we saw at least five or six, including a particularly approachable mating pair, with the female wandering about feeding on Thyme flowers while the smaller male just held on and hoped for the best...

We reached the bus in time for lunch, before heading the short distance to the RSPB reserve at Arne for our desserts, with the first of several local ice creams sampled.

During the afternoon we walked a circuit across the heathland to look over the Middlebere Channel and out towards Poole Harbour and Brownsea Island. A flock of Little Egrets were gathered in one of the distant channels, with Shelduck and Oystercatchers on the mud. Unfortunately the local pair of Ospreys weren't in attendance today, probably deterred by the presence of a class of ecology students out across the marshes.

In the woods, several heaped nests of the scarce Southern Hairy Wood Ant were teeming with life, going about their business with just the occasional squirt of formic acid to deter the onlookers...

After dinner, we boarded the bus one more time, negotiating the narrow country lanes to head back out to the heaths as dusk fell. After a short wait we were rewarded with the 'gewick' calls, wing-clapping displays and churring song of several Nightjars. At least six different birds were around us, with one male putting on a particularly exciting display as he clapped his wings and angled his white tail spots to both deter an interloping young male and proclaim his territory to the female nearby.

### **16<sup>th</sup> June 2021. Portland**

A longer journey this morning had us heading westwards, past the White Horse at Osmington and the resort town of Weymouth, then crossing the low-lying causeway of Chesil Beach to the 'island' of Portland.

Our first stop was in the seemingly insalubrious setting of an industrial estate, where we found the Dorset Wildlife Trust reserve Tout Quarry. Another sunny day brought out more butterflies, with our first Dingy Skippers, single Meadow Brown and Large Skipper, and a few Small Heaths and Common Blues.

Amongst the rocks and sculptures were plenty of interesting plants: Woolly Thistle, Slender Thistle and Carline Thistle, sturdy Perennial Wall Rocket and several spikes of Ivy Broomrape, a parasitic plant which here grows in a yellow form.

Walking over to the cliff, we had spectacular views out across Chesil Beach reaching back across to the 'mainland' and the saline lagoon of The Fleet behind it.

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Back on board, and we moved down to Portland Bill. At the very tip of the 'island' we had Rock Pipit flying around the rocks, with Razorbills and Guillemots just offshore. A few Gannets flew slowly past along with a pair of Kittiwakes at one of their very few nesting sites in Dorset. Then, out amongst the Guillemots feeding in the currents offshore, Phil picked out a single Puffin, a good bird to see before it drifted further out, turning into a tiny dark blob out amongst the waves...

Plants on the cliffs included Rock Samphire, Golden Samphire, Sea Beet and the uncommon Rock Sea Spurrey.

After a picnic lunch with sea views, we walked up onto the slopes above the Bill. Although it was warm, the sun kept hiding behind the clouds, and the butterflies here weren't quite what we had hoped, although we still found Small Blue, Meadow Brown, Small Heath and Large Skippers, while a fast-flying medium-sized orange fritillary flew past us and away... the one that got away. Day-flying moths included both Six-spot and Five-spot Burnet Moths, Cinnabar, Yellow Shell and a very well marked Mother Shipton, but the star was perhaps the stunning Cream-spot Tiger that posed for everyone's cameras.

The grassland had plenty to keep the botanically minded enthralled. Several lovely Bee Orchid spikes were looking particularly fresh, while the Pyramidal Orchid buds were just about bursting. Corky-fruited Water Dropwort, Crow Garlic, Slender Tare, Yellow Vetchling and Bastard Toadflax were amongst the scarcities, while perhaps the rarest of the plants were the two spikes of Early Gentian, an early-flowering, dwarf version of the more familiar Autumn Gentian.

Heading downslope, we visited the small quarry, where a Little Owl was scowling at us from the rocks, along with a couple of Stock Doves.

At the famous Portland Bird Observatory, we were welcomed into the garden by the long-time warden Martin Cade, who had saved the contents of last night's moth trap for us to enjoy, most notably several handsome Small Elephant Hawkmoths, as well as plenty of 'brown jobs' with amazing names such as Heart and Dart, Bright-line Brown-eye, Setaceous Hebrew Character, Shoulder-striped Wainscot and Light Brocade.

Time to head homewards, passing a Little Tern flying at the east end of the Fleet before the lure of a short bus-nap proved too much to resist...

### **17<sup>th</sup> June 2021. Jurassic Coast**

Today it was the turn of the famous Jurassic Coast, heading south west to the famous (or should that be infamous, after the summer of 2020?) Durdle Door.

As we made our way down the sunny slope to take in the iconic Dorset scenery, we could hear both Yellowhammer and Corn Bunting singing from the fence higher up the hill.

Alongside the great views of the 'Door' itself, we were very pleased to find Lulworth Skippers on the wing. This small, olive-golden skipper can only be found on the hottest, sunniest, southward-facing slopes, and the conditions here fit the bill perfectly.





More Lulworth Skippers were found during our walk across to Lulworth Cove, along with a couple of lovely bright Adonis Blues, Small Blue, Brown Argus, Dingy Skipper, Large Skipper and an early Small Skipper. Phil found three more day flying moths: Citron Plume, Silver-barred Sable and Chalk Carpet.

After another sunny picnic at Lulworth Cove, we got back on board the bus, chalk-dusting the driver's freshly swept steps, and headed a little way east, through the resort town of Swanage, to Durlston Head NNR.

Much of our attention here was focussed out to sea, where Guillemots and Razorbills, Shag and Fulmar were all flying to and from their nest sites, hidden beneath us on the cliffs. A pair of Great Black-backed Gulls had three fluffy youngsters, looking very sweet: not at all the Guillemot-swallowing brutes that they would soon become. Rock Pipits flitted about the cliffs, a handful of Gannets passed by, with a pair of adult Mediterranean Gulls flying westwards and a Little Egret heading in the same direction a little further out.

Ploughman's Spikenard and Hound's-tongue were the more notable plants, amongst the Rock Samphire, Thrift, Thyme and Bird's-foot Trefoil that we were now familiar with.

After some of us visited the lighthouse, finding a jewel-like Rose Chafer along the way, we headed back towards the visitor centre... but not before we all had great views of a Peregrine cruising along the cliff beneath us.

One last sampling of the local ice cream flavours, and then it was back on board the bus. As if on cue, the rain arrived... bringing to a conclusion our enjoyable short break in Dorset.



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ENGLISH NAME	SCIENTIFIC NAME	1	2	3	4	5
<b>MAMMALS</b>						
Weasel	<i>Mustela nivalis</i>				X	
Brown Rat	<i>Rattus norvegicus</i>			X		
Grey Squirrel	<i>Sciurus carolinensis</i>		X		X	
Rabbit	<i>Oryctolagus cuniculus</i>		X			
Sika Deer	<i>Cervus nippon</i>				X	
<b>REPTILES</b>						
Common Lizard	<i>Zootoca vivipara</i>			X		

<b>BIRDS</b>						
<b>Family Anatidae (Swans, geese and ducks)</b>						
Greylag Goose	<i>Anser anser</i>		X			
Shelduck	<i>Tadorna tadorna</i>		X			
Mallard	<i>Anas platyrhynchos</i>		X			
<b>Family Phasianidae (Pheasants and Partridges)</b>						
Pheasant	<i>Phasianus colchicus</i>			X	X	
<b>Family Procellariidae (Shearwaters and Petrels)</b>						
Fulmar	<i>Fulmarus glacialis</i>			X	X	
<b>Family Sulidae (Gannets)</b>						
Gannet	<i>Morus bassanus</i>			X	X	
<b>Family Phalacrocoracidae (Cormorants)</b>						
(Great) Cormorant	<i>Phalacrocorax carbo</i>			X		
Shag	<i>Phalacrocorax aristotelis</i>				X	
<b>Family Ardeidae (Herons)</b>						
Little Egret	<i>Egretta garzetta</i>		X		X	
Grey Heron	<i>Ardea cinerea</i>		X	X		
<b>Family Accipitridae (Hawks and Eagles)</b>						
Common Buzzard	<i>Buteo buteo</i>		X	X	X	
<b>Family Falconidae (Falcons)</b>						
Kestrel	<i>Falco tinnunculus</i>		X	X	X	
Peregrine	<i>Falco peregrinus</i>				X	
<b>Family Haematopidae (Oystercatchers)</b>						
Oystercatcher	<i>Haematopus ostralegus</i>		X			
<b>Family Scolopacidae (Sandpipers)</b>						
Redshank	<i>Tringa tetanus</i>		X			
<b>Family Laridae (Gulls)</b>						
Black-headed Gull	<i>Chroicocephalus ridibundus</i>		X	X	X	
Mediterranean Gull	<i>Ichthyaetus melanocephalus</i>				X	
Herring Gull	<i>Larus argentatus</i>		X	X	X	
Lesser Black-backed Gull	<i>Larus fuscus</i>		X			
Great Black-backed Gull	<i>Larus marinus</i>			X	X	



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Kittiwake	<i>Rissa tridactyla</i>			X		
<b>Family Sternidae (Terns)</b>						
Common Tern	<i>Sterna hirundo</i>		X			
Sandwich Tern	<i>Thalasseus sandvicensis</i>		X		X	
Little Tern	<i>Sternula albifrons</i>			X		
<b>Family Alcidae (Auks)</b>						
Puffin	<i>Fratercula arctica</i>			X		
Guillemot	<i>Uria aalge</i>			X	X	
Razorbill	<i>Alca torda</i>			X	X	
<b>Family Columbidae (Pigeons and Doves)</b>						
Rock Dove/Feral Pigeon	<i>Columba livia</i>		X	X	X	
Stock Dove	<i>Columa oenas</i>			X		
Woodpigeon	<i>Columba palumbus</i>		X	X	X	
Collared Dove	<i>Streptopelia decaocto</i>		X	X	X	
<b>Family Cuculidae (Cuckoos)</b>						
(Common) Cuckoo	<i>Cuculus canorus</i>		X			
<b>Family Strigidae (Owls)</b>						
Little Owl	<i>Athene noctua</i>			X		
<b>Family Caprimulgidae (Nightjars)</b>						
Nightjar	<i>Caprimulgus europaeus</i>		X			
<b>Family Apodidae (Swifts)</b>						
Swift	<i>Apus apus</i>		X	X	X	
<b>Family Picidae (Woodpeckers)</b>						
Green Woodpecker	<i>Picus viridis</i>		X			
Great Spotted Woodpecker	<i>Dendrocopos major</i>		X	X		
<b>Family Alaudidae (Larks)</b>						
Skylark	<i>Alauda arvensis</i>		X	X	X	
<b>Family Hirundinidae (Swallows and Martins)</b>						
Swallow	<i>Hirundo rustica</i>		X	X	X	
<b>Family Motacillidae (Pipits and Wagtails)</b>						
Meadow Pipit	<i>Anthus pratensis</i>		X	X		
Rock Pipit	<i>Anthus petrosus</i>			X	X	
Pied Wagtail	<i>Motacilla alba yarrellii</i>			X	X	
Grey Wagtail	<i>Motacilla cinerea</i>			X		
<b>Family Troglodytidae (Wrens)</b>						
Wren	<i>Troglodytes troglodytes</i>		X	X	X	
<b>Family Prunellidae (Accentors)</b>						
Dunnock	<i>Prunella modularis</i>			X	X	
<b>Family Muscicapidae (Flycatchers and Chats)</b>						
Robin	<i>Erithacus rubecula</i>		X	X	X	
Stonechat	<i>Saxicola torquata</i>		X	X	X	

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<b>Family Turdidae (Thrushes)</b>						
Song Thrush	<i>Turdus philomelos</i>				X	
Blackbird	<i>Turdus merula</i>		X	X		
<b>Family Sylviidae (Sylvia Warblers)</b>						
Blackcap	<i>Sylvia atricapilla</i>		X	X	X	
Garden Warbler	<i>Sylvia borin</i>				X	
Whitethroat	<i>Sylvia communis</i>			X	X	
Dartford Warbler	<i>Sylvia undata</i>		X			
<b>Family Cettidae (Bush Warblers)</b>						
Cetti's Warbler	<i>Cettia cetti</i>		X			
<b>Family Phylloscopidae (Leaf Warblers)</b>						
Willow Warbler	<i>Phylloscopus trochilus</i>		X			
Chiffchaff	<i>Phylloscopus collybita</i>		X		X	
<b>Family Regulidae (Crests)</b>						
Goldcrest	<i>Regulus regulus</i>				X	
Firecrest	<i>Regulus ignicapillus</i>		X			
<b>Family Paridae (Tits)</b>						
Great Tit	<i>Parus major</i>		X			
Coal Tit	<i>Parus ater</i>				X	
Blue Tit	<i>Cyanistes caeruleus</i>		X			
<b>Family Corvidae (Crows)</b>						
Magpie	<i>Pica pica</i>		X	X	X	
Jackdaw	<i>Corvus monedula</i>		X	X	X	
Rook	<i>Corvus frugilegus</i>		X	X	X	
Carrion Crow	<i>Corvus corone</i>		X	X	X	
Raven	<i>Corvus corax</i>		X	X		
<b>Family Sturnidae (Starlings)</b>						
Starling	<i>Sturnus vulgaris</i>		X	X	X	
<b>Family Passeridae (Sparrows)</b>						
House Sparrow	<i>Passer domesticus</i>		X	X	X	
<b>Family Fringillidae (Finches)</b>						
Chaffinch	<i>Fringilla coelebs</i>		X	X	X	
Goldfinch	<i>Carduelis carduelis</i>		X	X	X	
Linnet	<i>Carduelis cannabina</i>		X	X	X	
Siskin	<i>Carduelis spinus</i>		X			
Greenfinch	<i>Carduelis chloris</i>			X		
Bullfinch	<i>Pyrrhula pyrrhula</i>				X	
<b>Family Emberizidae (Buntings)</b>						
Yellowhammer	<i>Emberiza citronella</i>		X		X	
Corn Bunting	<i>Emberiza calandra</i>				X	

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<b>LEPIDOPTERA - butterflies</b>						
<b>Family Hesperidae (Skippers)</b>						
Small Skipper	<i>Thymelicus sylvestris</i>				X	
Lulworth Skipper	<i>Thymelicus acteon</i>				X	
Large Skipper	<i>Ochlodes sylvanus</i>			X	X	
Dingy Skipper	<i>Erynnis tages</i>			X	X	
<b>Family Pieridae (Whites)</b>						
Large White	<i>Pieris brassicae</i>		X			
Small White	<i>Pieris rapae</i>			X	X	
<b>Family Lycaenidae (Blues, Coppers, Hairstreaks)</b>						
Green Hairstreak	<i>Callophrys rubi</i>		X		X	
Brown Argus	<i>Aricia agestis</i>				X	
Small Blue	<i>Cupido minimus</i>			X	X	
Adonis Blue	<i>Lysandra bellargus</i>			X	X	
Common Blue	<i>Polyommatus icarus</i>		X	X	X	
Silver-studded Blue	<i>Plebeius argus</i>		X			
<b>Family Nymphalidae (Nymphs, Fritillaries and Browns)</b>						
Red Admiral	<i>Vanessa atalanta</i>		X	X	X	
Painted Lady	<i>Vanessa cardui</i>		X	X	X	
Small Tortoiseshell	<i>Aglais urticae</i>		X			
Wall	<i>Lasiommata megera</i>				X	
Speckled Wood	<i>Parage aegeria</i>			X	X	
Small Heath	<i>Coenonympha pamphilus</i>		X	X	X	
Meadow Brown	<i>Maniola jurtina</i>			X	X	

<b>MOTHS - National status: L = Local, Na/Nb = Nationally Notable, RDB = Red Data Book</b>		
<b>Crambidae</b>		
Nb	Silver-barred Sable	<i>Pyrausta cingulata</i> Lulworth
<b>Erebidae</b>		
L	Four-dotted Footman	<i>Cybosia mesomella</i> Hartland Moor
L	Cream-spot Tiger	<i>Arctia villica</i> Portland Bill
	Cinnabar Moth	<i>Tyria jacobaeae</i> Coastal sites
<b>Geometridae</b>		
Na	Small Grass Emerald	<i>Chlorissa viridata</i> Hartland Moor
L	Grass Wave	<i>Perconia strigillaria</i> Hartland Moor
	Common Heath	<i>Ematurga atomaria</i> Hartland Moor
	Latticed Heath	<i>Chiasmia clathrata</i> Hartland Moor
	Yellow Shell	<i>Camptogramma bilineata</i> Common
	Brown Silverlines	<i>Petrophora chlorosata</i> Arne
Nb	Chalk Carpet	<i>Scotopteryx bipunctaria</i> Lulworth
L	Mullein Wave	<i>Scopula marginepunctata</i> Durlston

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Noctuidae			
	Light Arches	<i>Apamea lithoxyla</i>	Portland Bill
	Treble Lines	<i>Charanyca trigrammica</i>	Portland Bill
	Marbled Minor	<i>Oligia strigilis</i> agg	Portland Bill
	Dark Arches	<i>Apamea monoglypha</i>	Portland Bill
	Heart and Dart	<i>Agrotis exclamationis</i>	Portland Bill
	Shuttle-shaped Dart	<i>Agrotis puta</i>	Portland Bill
	Shears	<i>Hada plebeja</i>	Portland Bill
	Bright-line Brown-eye	<i>Lacanobia oleracea</i>	Portland Bill
	Setaceous Hebrew Character	<i>Xestia c-nigrum</i>	Portland Bill
	Spectacle	<i>Abrostola tripartita</i>	Portland Bill
L	Light Brocade	<i>Lacanobia w-latinum</i>	Portland Bill
	Shoulder-striped Wainscot	<i>Leucania comma</i>	Portland Bill
Pterophoridae			
L	Citron Plume	<i>Hellinsia carphodactyla</i>	Lulworth
Sphingidae			
L	Small Elephant Hawkmoth	<i>Deilephila porcellus</i>	Portland Bill
Zygaenidae			
	Five-spot Burnet agg	<i>Zygaena trifolii</i> agg	Portland Bill
	Six-spot Burnet	<i>Zygaena filipendulae</i>	Lulworth

ENGLISH NAME	SCIENTIFIC NAME	1	2	3	4	5
<b>ODONATA - Dragonflies and Damselflies</b>						
<b>Family Coenagrionidae (Pond Damselflies)</b>						
Large Red Damselfly	<i>Pyrhosoma nymphula</i>		X			
Azure Damselfly	<i>Coenagrion puella</i>		X			
Southern Damselfly	<i>Coenagrion mercuriale</i>		X			
Common Blue Damselfly	<i>Enallagma cyathigerum</i>		X	X		
Blue-tailed Damselfly	<i>Ischnura elegans</i>		X			
<b>Family Aeshnidae (Hawkers)</b>						
Emperor	<i>Anax imperator</i>		X			
<b>Family Libellulidae (Chasers)</b>						
Four-spotted Chaser	<i>Libellula quadrimaculata</i>		X			
Broad-bodied Chaser	<i>Libellula depressa</i>		X	X		
Black-tailed Skimmer	<i>Orthetrum cancellatum</i>		X			
Keeled Skimmer	<i>Orthetrum coerulescens</i>		X			
<b>ORTHOPTERA – Crickets and Grasshoppers</b>						
Great Green Bushcricket	<i>Tettigonia viridissima</i>					Portland Bill
Mottled Grasshopper	<i>Myrmeleotettix maculatus</i>					Hartland Moor

MISCELLANEOUS		
Brown-banded Carder Bee	<i>Bombus humilis</i>	Hartland Moor
a blood bee	<i>Sphecodes sp.</i>	Hartland Moor
Gold-fringed Mason Bee	<i>Osmia aurulenta</i>	Lulworth
Southern Hairy Wood Ant	<i>Formica lugubris</i>	Arne
Purbeck Mason Wasp	<i>Pseudepipona herrichii</i>	Hartland Moor
Hairy Digger Wasp	<i>Podalonia hirsuta</i>	Hartland Moor
Mottled Bee-fly	<i>Thyridanthrax fenestratus</i>	Hartland Moor
Box Bug	<i>Gonocerus acuteangulatus</i>	Arne
Green Tiger Beetle	<i>Cicindela campestris</i>	Hartland Moor
Rose Chafer	<i>Ceratonia aurea</i>	Durlston Head
Orchid Beetle	<i>Dasypus cervinus</i>	Lulworth
Bright Yellow Slime Mold	<i>Fulico septica</i>	Durdle Door



Top left: Lulworth Skipper. Bottom left: Purbeck Mason Wasp  
 Right: Southern Damselfly

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PLANTS: some of the notable species found during the trip.

SCIENTIFIC NAME	ENGLISH NAME	
<b>DICOTS</b>		
<b>Ranunculaceae (Buttercup family)</b>		
<i>Ranunculus flammula</i>	Lesser Spearwort	Hartland Moor
<i>Ranunculus sceleratus</i>	Celery-leaved Buttercup	Hartland Moor
<b>Papaveraceae (Poppy family)</b>		
<i>Glaucium flavum</i>	Yellow-horned Poppy	on Chesil Beach
<b>Caryophyllaceae (Campion family)</b>		
<i>Arenaria serpyllifolia</i>	Thyme-leaved Sandwort	Lulworth
<i>Silene flos-cuculi</i>	Ragged-robin	Hartland Moor
<i>Silene uniflora</i>	Sea Campion	Durlston Head
<i>Spergularia rupicola</i>	Rock Sea-Spurrey	Portland Bill, Durlston Head
<b>Plumbaginaceae (Sea Lavender family)</b>		
<i>Armeria maritima</i>	Thrift	coastal cliffs
<b>Hypericaceae (St John's Wort family)</b>		
<i>Hypericum elodes</i>	Marsh St John's Wort	Hartland Moor
<i>Hypericum humifusum</i>	Trailing St John's Wort	Hartland Moor
<b>Malvaceae (Mallow family)</b>		
<i>Lavatera arborea</i>	Tree Mallow	Portland Bill
<i>Malva sylvestris</i>	Common Mallow	Coastal areas
<b>Droseraceae (Sundew family)</b>		
<i>Drosera anglica</i>	Great Sundew	Hartland Moor
<i>Drosera intermedia</i>	Oblong-leaved Sundew	Hartland Moor
<i>Drosera rotundifolia</i>	Round-leaved Sundew	Hartland Moor
<b>Cistaceae (Rock-rose family)</b>		
<i>Helianthemum nummularium</i>	Common Rock-rose	Lulworth
<b>Tamaricaceae (Tamarisk family)</b>		
<i>Tamarix gallica</i>	French Tamarisk	Durlston Head
<b>Brassicaceae (Cabbage family)</b>		
<i>Brassica oleracea</i>	Wild Cabbage	Lulworth
<i>Cochlearia officinalis</i>	Common Scurvy-grass	Portland Bill
<i>Coronopus squamatus</i>	Swine-cress	Portland Bill
<i>Diplotaxis tenuifolia</i>	Perennial Wall Rocket	Portland: Tout Quarry
<i>Lepidium draba</i>	Hoary Cress	Portland Bill
<b>Resedaceae (Mignonette family)</b>		
<i>Reseda lutea</i>	Wild Mignonette	Portland Bill
<i>Reseda luteola</i>	Weld	Lulworth
<b>Ericaceae (Heath family)</b>		
<i>Calluna vulgaris</i>	Heather	Hartland Moor
<i>Erica tetralix</i>	Cross-leaved Heath	Hartland Moor: damp areas
<i>Rhododendron ponticum</i>	Rhododendron	Common in wooded areas



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<b>Rosaceae (Rose family)</b>		
<i>Agrimonia eupatoria</i>	Agrimony	Portland Bill
<i>Cotoneaster sp.</i>	a cotoneaster	Portland: Tout Quarry
<i>Rosa pimpinellifolia</i>	Burnet Rose	Hartland Heath, Portland Bill
<b>Fabaceae (Pea family)</b>		
<i>Anthyllis vulneraria</i>	Kidney Vetch	Portland Bill
<i>Hippocrepis comosa</i>	Horseshoe Vetch	Portland Bill
<i>Lathyrus aphaca</i>	Yellow Vetchling	Portland Bill
<i>Lathyrus pratensis</i>	Meadow Vetchling	Portland Bill
<i>Lotus corniculatus</i>	Bird's-foot-trefoil	common
<i>Ononis repens</i>	Common Restharrow	eg Portland
<i>Ornithopus perpusillus</i>	Bird's-foot	Hartland Moor: tiny pea
<i>Trifolium campestre</i>	Hop Trefoil	Portland Bill
<i>Vicia parviflora</i>	Slender Tare	Portland Bill
<i>Vicia sativa</i>	Common Vetch	common
<b>Santalaceae (Sandalwood family)</b>		
<i>Thesium humifusum</i>	Bastard Toadflax	Portland Bill
<b>Euphorbiaceae (Spurge family)</b>		
<i>Euphorbia amygdaloides</i>	Wood Spurge	Portland: Tout Quarry
<i>Euphorbia portlandica</i>	Portland Spurge	Portland: Tout Quarry
<b>Linaceae (Flax family)</b>		
<i>Linum bienne</i>	Pale Flax	Portland Bill
<i>Linum catharticum</i>	Fairy Flax	Portland: Tout Quarry
<b>Polygalaceae (Milkwort family)</b>		
<i>Polygala serpyllifolia</i>	Heath Milkwort	Hartland Moor
<i>Polygala vulgaris</i>	Common Milkwort	Portland Bill
<b>Apiaceae (Carrot family)</b>		
<i>Daucus carota ssp gummifer</i>	Wild Carrot (Sea Carrot)	Portland Bill
<i>Foeniculum vulgare</i>	Fennel	Portland Bill
<i>Oenanthe pimpinelloides</i>	Corky-fruited Water Dropwort	Portland Bill
<i>Pastinaca sativa</i>	Wild Parsnip	Portland Bill
<i>Smyrniolum olusatrum</i>	Alexanders	Common roadsides
<i>Torilis nodosa</i>	Knotted Hedge Parsley	Portland Bill: gate to observatory
<b>Gentianaceae (Gentian family)</b>		
<i>Blackstonia perfoliata</i>	Yellow-wort	Portland Bill
<i>Centaurium erythraea</i>	Common Centaury	Portland Bill
<i>Gentianella anglica</i>	Early Gentian	Portland Bill
<b>Convolvulaceae (Bindweed family)</b>		
<i>Cuscuta epithimum</i>	Common Dodder	Hartland Moor
<b>Boraginaceae (Borage family)</b>		
<i>Echium vulgare</i>	Viper's-bugloss	Common
<i>Cynoglossum officinale</i>	Hound's-tongue	Durlston

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<b>Lamiaceae (Dead Nettle family)</b>		
<i>Salvia verbenaca</i>	Wild Clary	Portland: Tout Quarry
<i>Teucrium scorodonia</i>	Wood Sage	Hartland Moor
<b>Plantaginaceae (Plantain family)</b>		
<i>Plantago coronopus</i>	Bucks-horn Plantain	Portland Bill
<i>Plantago maritima</i>	Sea Plantain	Chesil Beach
<i>Plantago media</i>	Hoary Plantain	Portland Bill
<b>Orobanchaceae (Broomrape family)</b>		
<i>Euphrasia nemorosa agg.</i>	Eyebright	Portland Bill
<i>Odontites vernus</i>	Red Bartsia	Portland Bill
<i>Orobanche minor</i>	Common Broomrape	Portland Bill
<i>Orobanche hederacea</i>	Ivy Broomrape (yellow form)	Portland: Tout Quarry
<i>Rhinanthus minor</i>	Yellow Rattle	Portland Bill
<b>Rubiaceae (Madder family)</b>		
<i>Asperula cynanchica</i>	Squinancywort	Portland Bill
<i>Galium saxatile</i>	Heath Bedstraw	Hartland Moor
<i>Galium verum</i>	Lady's Bedstraw	Portland Bill
<i>Rubia peregrina</i>	Wild Madder	Portland: Tout Quarry
<b>Caprifoliaceae (Honeysuckle family)</b>		
<i>Lonicera periclymenum</i>	Honeysuckle	
<b>Valerianaceae (Valerian family)</b>		
<i>Centranthus ruber</i>	Red Valerian	common
<b>Dipsacaceae (Teasel family)</b>		
<i>Dispacus fullonum</i>	Wild Teasel	Common
<i>Scabiosa columbaria</i>	Small Scabious	Lulworth
<b>Asteraceae (Daisy family)</b>		
<i>Carduus nutans</i>	Musk Thistle	Lulworth
<i>Carduus tenuiflorus</i>	Slender Thistle	Coastal sites: small pale flowers
<i>Carlina vulgaris</i>	Carlina Thistle	Portland: Tout Quarry
<i>Cirsium dissectum</i>	Meadow Thistle	Hartland Moor
<i>Cirsium eriophorum</i>	Woolly Thistle	Portland: Tout Quarry
<i>Eupatorium cannabinum</i>	Hemp Agrimony	Hartland Moor
<i>Inula conyzae</i>	Ploughman's-spikenard	Durlston
<i>Inula crithmoides</i>	Golden Samphire	Portland Bill
<i>Picris echioides</i>	Bristly Oxtongue	Common
<i>Pilosella officinarum</i>	Mouse-ear Hawkweed	Common: pale lemon yellow
<i>Pulicaria dysenterica</i>	Common Fleabane	Portland Bill
<b>MONOCOTS</b>		
<b>Iridaceae (Iris Family)</b>		
<i>Iris foetidissima</i>	Stinking Iris	Coastal sites
<b>Alismataceae (Water Plantain family)</b>		
<i>Baldellia ranunculoides</i>	Lesser Water Plantain	Hartland Moor

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<b>Amaryllidaceae (Onion family)</b>		
<i>Allium vineale</i>	Crow Garlic	Portland Bill
<b>Orchidaceae (Orchid Family)</b>		
<i>Dactylorhiza praetermissa</i>	Southern Marsh-orchid	Hartland Moor
<i>Dactylorhiza maculata</i>	Heath Spotted Orchid	Hartland Moor
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	coastal sites
<i>Ophrys apifera</i>	Bee Orchid	coastal sites



Top left: Adonis Blue. Top right: Cream-spot Tiger  
 Bottom left: Mottled Bee-fly. Bottom right: Brown-banded Carder Bee



Clockwise, from top left:  
Lesser Water Plantain, Corky-fruited Water Dropwort, Yellow Vetchling, Great Sundew