

Gotland

Sweden's Baltic Isle

A Greentours Trip Report

4th – 16th June 2008

Led by Ian Bennallick and Ian Loe

Please Note

The enclosed tour report is from a Greentours tour that we run in June to Gotland. This will give you an idea of what you can expect to see on the Wildlife at Leisure tour to Gotland in 2010, however it is not exactly the same itinerary, and was at a different time of year, so please use it as a guide only, not an exact reflection of where you will be going, what you will be doing, and what you will see – especially the flowers will be different!

Trip Report and lists compiled by Ian Bennallick

Day 1 – 4th June 2008 - London Heathrow to Visby & Ljugarn

After a delayed takeoff from Heathrow, we arrived almost on time at Stockholm where the grassy runways were brown with the drought that Sweden had been experiencing. Glorious blue sky and warm temperatures greeted us, as it had done in the last 2 years on the Greentours trip to Gotland. With only an hour and a bit until the flight to Visby, we tucked into excellent open sandwiches and juices, as a late arrival at Ljugarn was not going to guarantee a meal. The short flight took no more than 40 minutes and with all the group safely gathered and minibus and car ready we drove in the evening light towards Ljugarn, across the middle of Gotland, coast to coast, seeing Fieldfare, Swallow, Swift and Jackdaw as we drove.

Along the roadsides Whitebeam and Hawthorn trees and bushes were white with heavy blossom and Lilac bushes were also in full bloom, with whites and varying shades of purple, with yellow Laburnum near houses. We arrived at Ljugarn at 10pm and met Frejs, the Gotlander owner of Pensionat Lovangen, who welcomed us warmly and allocated us to our small self-contained chalets. Most went straight to bed but a couple stayed up and saw bats, heard distant Oystercatcher in the fading light, and watched a Hare foraging around the dried sandy grassland around the chalets.

Day 2 – 5th June 2008 – Kallgatburg

We awoke to a brilliant blue sky and warm temperatures, a bright morning, though it didn't really get dark for very long and by 4am it was almost light again. As the ground was so dry Ian decided to visit the Lady's Slipper Orchid site near Kallgatburg Nature Reserve, in Hejnum. Both visits to the site on the first day of the trips in 2006 and 2007 had seen the flowers in perfect condition and hopefully 2008 would be lucky also.

After breakfast we had a quick look around the small fishing harbour of Ljugarn where Ian found Water and Wood Avens and its hybrid *Geum* x *intermedium*, and Red-breasted Merganser, Shelduck and Eider were spotted in the water. With expectations for a Lady's Slipper high we drove north, seeing Jay, White Wagtail and numerous Fieldfare from the van, and passing patches of bright pink-purple Bloody Crane's-bill, and pale-pink, purple and cream flowered Columbine in rich grassy verges, on the edges of the Scots Pine and mixed forest. We scanned the cultivated and improved grass fields for any target birds (Common Crane we had hoped!), but only heard Skylark and Yellowhammer.

Our first stop was a small wooded meadow, which due to past traditional management had a turf of wild flowers, grasses and sedges to make any botanist's mouth water. In damp areas were abundant Water Avens and Meadowsweet, with Herb-Paris, Wood Anemone, Twayblade and Early Purple Orchid (*St. Petersnycklar* = *St. Peter's Orchid*) in dappled shade. The more open areas were a colourful mix of Fragrant Orchid, Quaking Grass and numerous sedges. The very rare and endemic to Gotland eyebright *Euphrasia stricta* subsp. *suecica*, with clear white flowers, was scattered amongst the other species. Common and Mazarine Blue, Wood White and a perfect Swallowtail was seen, and Greenish Warbler was singing from a pine.

A little further on we stopped at a junction, where the very rare Alpine Orchid *Orchis spitzelii* had been seen on previous trips. This has a highly disjunct distribution, with an unlikely location on Gotland (as well as Alpine *Bartsia* and Alpine Butterwort). It was found growing amongst Bearberry but only as fruiting specimens, the dry weather making its flowering slightly earlier than usual. A couple of suspected hybrid plants of Alpine Orchid and Early Purple Orchid were seen nearby, as was a few stunted Narrow-leaved Helleborine. Butterflies were more numerous with Brimstone, Black-veined White, an obliging Heath Fritillary, and Pearl-bordered Fritillary.

By now the weather was hot, so by the time we had reached the small car park at Kallgatburg everyone sought shade whilst Ian B and Ian L prepared the picnic. After eating we walked along the boardwalk through the reserve. Kallgatburg is a small nature reserve which includes pine and mixed forest, with Wood Cranesbill and Columbine common in dappled shade where Pearl-bordered Fritillaries were flying, and calcareous fen which had Dragon's Teeth, Lesser Butterfly Orchid, Early Marsh Orchid, German Asphodel, Alpine and Common Butterwort and Twayblade. A Common Snipe was disturbed and it skulked away down a small stream. Tree Pipits sang from tops of pine trees, doing their melodic parachute song, and Cuckoo was heard in the distance. The main aim was to see the colony of Lady's Slipper Orchid which grows nearby, but this is outside of the reserve, so soon after crossing a small track, we were back onto calcareous marshy ground

following an obviously well worn path. A beautifully fresh Northern Chequered Skipper was seen and much photographed as were some Marsh Fritillary butterflies, near their food-plant, Devil's-bit Scabious. We soon found ourselves on the edge of woodland where the small colonies of perfectly formed Lady's Slipper Orchids were as fresh as can be, much to Ian's relief! There were hundreds of plants, and on closer inspection one could see the yellow part was a perfect 'ballet shoe' with the dusky purple petals above. This is a clever flower as the upper purple parts direct bees into the yellow waxy 'shoe' where, once trapped, flies to 'false windows' - small transparent 'windows' at the back of the shoe - and whilst there their attempts to fly out collect the pollen, which it then takes to another flower where once trapped again passes on one flower's pollen to another's stigma. Beautiful flowers but with a purpose!

After everyone had their fill of the orchids we walked back to the cars, and drove back to Ljugarn. After dinner we drove a little way up the coast to Follhammer, small limestone stacks on the coast which had resisted weathering. By now it was getting darker - though it never seemed to get completely dark in Gotland in June - but we saw Long-tailed duck, Goosander and Red-breasted Merganser out to sea with Mute Swan, many Cormorants and several male and female Eider. Around the limestone stacks Hound's-tongue and Viper's-bugloss grew together, and rabbits were everywhere!

Day 3 - 6th June 2008 - Färö

The day to go north, so after a leisurely breakfast outside, where Spotted Flycatchers were hunting around the bushes above the breakfast table, Swifts wheeled above and Fieldfare chattered, we stocked up in the supermarket and drove north. Near Slite we stopped to take a quick look at the huge limestone quarry, from beside the road, where at the bottom where some vegetation had developed, in a ditch, a female Goosander was with 5 young! The quarry demonstrated what Gotland is made of - pure limestone - a resource which seems to be well exploited, which in places has threatened populations of rare plants (*Pulsatilla patens*). The next stop was the beautiful 12th century church at Lärbro with an unusual octagonal tower and a separate defence tower. It was, as with all other Gotland churches, extremely well preserved and kept immaculate. Swifts, Jackdaws and House Martins added to the atmosphere, all perfectly suited to the towers crevices.

We drove up to Bunge, and waited for the efficient car ferry to take us across the small strait to the island of Färö (sheep island), where the character of the place was different to down south. A more open landscape, with areas of limestone pavement and fields ringed by dry-stone walls, and invaded by Juniper scrub. Shallow pans had patches of Chives, which coloured them purple in places. The Gotland sheep was seen in numerous places, and with 'Lammskin' being advertised for sale, obviously a key product of the area. Just past Färö church we stopped beside a shallow bay where we watched Arctic Tern, Lapwing, and Redshank - two perching on telephone wires! - and a Ringed Plover seen on the beach. The sea was flat calm, and seemed lower than usual, with the rounded boulders exposed. Ian L found a colony of Small Tortoiseshell caterpillars on nettles in the enriched 'dead seaweed' zone.

The next stop was Ullahau, the large area of old sand dunes which are deficient in calcium. Most of the dune system has been invaded by Scot's Pine, with an acid flora beneath, including May-lily, Bilberry and Bearberry in lower parts, and Grey Hair-grass, crustose lichens, mosses in upper areas. Our boots were yellow green from walking through lichens! The prize plant here was a mass of flowering Twinflower, small pink bells in twos on creeping stems – *Linnaea borealis* – Linne's flower of the north! Back near the car park we saw some perfect Narrow-leaved Helleborine, bunches of bright white flowers under the pines. These continued all alongside the roadside towards the Färö lighthouse (Färö Fyr), where we stopped under shade for the picnic. The day was still, hot and sunny, but here we had a breeze which kept us refreshed. John and Faith found a single Sea-kale plant on the pebbly beach, and Ian and Mary saw Velvet Scoter off the coast. A couple of male Eider resting on a rock only moved off when Andy, on a separate photographic mission, came close.

With time marching on we had more to see so we drove to the top of Färö, a windswept area, known as Langhammers, where some very large limestone pillars (larger versions of the ones at Follhammer), were sculpted by nature into strange shapes. The road at Langhammers crosses old beach berms, an undulating surface of limestone stones and pebbles, now favoured by nesting Arctic Terns, of which we had good close views, as we did a pair of Turnstone in breeding plumage. Wheatear, Skylark and Yellowhammer were all present inland, and Eider with young, Shelduck and Velvet Scoter on the sea. The wind-pruned Juniper scrub had been cleared in places, and Swallow-wort, Squinancywort, Meadow-rue and Herb-Robert were all flowering. The whole area had an eerie feeling, maybe due to the stillness of the sea, brightness of the limestone rocks and the heat of the day, but one could imagine an easterly wind from Siberia giving Ingmar Bergman, who lived here, inspiration for his 'cheerful?!' films!

With a long drive back we drove straight onto the ferry, and after a quick stop for ice cream, headed south. The journey took about an hour, and we made our way to Bruna Dörren (Brown Door) restaurant in Ljugarn for supper at 7.15pm. The place was very busy, as it had only opened that day, so we found a table upstairs and despite fears of waiting we were soon tucking into delicious food. On leaving we were told that a Black Woodpecker had made a nest in an Aspen at the bottom of their garden, and that there had been a hell of a racket during the day from the parent bird. We saw the hole but there was no activity so we thought that the young had possibly fledged – it was worth checking in the morning.

Day 4 – 7th June 2008 – Muskmyr & Stockviken

Another hot day with blue sky, and that summer sound of swifts reeling over the chalets. With the day ridiculously bright early in the morning (3.30am!) some of the group who awoke were rewarded with the sounds of Black Woodpecker, or sight of Red Squirrel and Brown Hare around the chalets. We drove by the Bruna Dörren and were rewarded by a view of a Black Woodpecker half way out of the nest hole making a racket. With the scope you could see the claws, perfectly formed for clinging onto trees, and the redhead.

The plan today was to head south to take in several sites, and the first we came to was Öja church, a large church with a lovely rich wooded meadow. The open meadow was full of Ox-eye Daisy, Meadow Saxifrage, Self-heal, Devil's-bit Scabious and so many other species but also some fresh Military, Lesser Butterfly and Fragrant Orchids as well as Twayblades, Adder's-tongue Fern, and a group of Common Spotted Orchids. Faith found a Great Spotted Woodpecker nest in a birch, and Ian L and Michael roved the meadow for butterflies and moths. One white one mimicking a Wood-White butterfly was particularly intriguing and eluded naming.

Vamlingbo was the next stop, where the church rectory houses the Lars Jonsson Museum, where his paintings of birds and other things are tastefully displayed. Also adjacent was a Naturum centre where books on wildlife in Gotland were for sale as well as a host of interactive nature displays there to satiate young (and old!) inquiring minds. With the impressive church to visit as well we decided to spend time here – and to have our picnic. However the temptation of traditional Gotland cakes and coffee in the perfect coffee shop was too much and we all succumbed (except Mary!).

We didn't spoil our appetites, as most of the picnic, laid out on the church wall went in a flash!

We drove south to Hoburgen, the most southerly point of the island, and a notable migration point – Hoopoe was seen here in 2007 by the group. Again as in 2007 the place was warm, with a millpond sea, and a mass of bright blue Viper's-bugloss colouring the ground. Ian found a Red-backed Shrike for the group, perching on a bush, and Mary saw Scarlet Rosefinch. The low cliffs, with caves, held a natural nesting site for House Martin, which were busy flying in and out as we watched. A group of Blackthorn bushes were covered in blossom, and a Rose-chafer, with shiny metallic bright green body, flew around flowers.

Retracing our road back we made a stop at Muskmyr, a large shallow lake, now almost completely sedge-swamp. In 2007 the trees around the viewing tower had all been cut down and the place now more open, a shame in a way as the trees gave people cover and Hobbies had been seen perching in them in 2006. As we arrived, Michael saw a Marsh Harrier quartering over the swamp. From the viewing platform, we saw little else except a Reed Bunting. The marshy calcareous fen below was more productive with the yellow (var. ochroleuca), pink (var. incarnata) and deep pink (var. cruenta – also with spotted leaves) varieties of Early Marsh Orchid growing with some perfect Fly Orchid (showing the small black pseudoeyes at the top of the flower, giving the orchid its name), Birds-eye Primrose and Dragons-Teeth. A blue butterfly with a violet flush was seen by Ian L, who named it as Cranberry Blue, and a Black-veined White, Green Hairstreak and Black-tailed Skimmer dragonfly were all seen.

Not far from here was Stockviken, a good area for birds, with low lying coastal meadows, brackish lake and reedbed. We arrived shortly after a Grey Partridge was almost run over by Ian B's van, and made our way over rich coastal meadow turf towards the bird lookout. Green-winged Orchid had almost gone over, but some were still fairly fresh, some Military Orchids were in fine condition and scattered in one area was Grass-of-Parnassus, with delightful small white flowers. The air was alive with birdsong, with the piping of Oystercatcher, melody from Skylark and chew, chew, chew from Redshank. Lapwing peewitted and a lone Curlew called. Four other birders were

in the tower so we waited for them to come down and we made our way up. Despite the high winds, we saw many birds, including two Common Crane, Greylag Goose, Barnacle Goose, Avocet, several Grey Heron, Little and Arctic Tern, numerous Swallow, but the ducks further out in the shimmery air eluded identification, but Eider, Mallard and some scoters were seen. A Hooded Crow was being dive-bombed by Lapwings and Redshank and a Red-backed Shrike perched on a post near the reedbed.

We drove straight back to Ljugarn, and in the evening we arrived at the Bruna Dörren where it was again very busy, but soon had a lovely meal and good hospitality from Nigel, an Englishman who moved to Gotland about ten years previously, the owner, and his family. After dinner, Ian, Mary and Ian drove north to an area near a Fjåle, where open conifer woodland was good for Nightjar in 2007. We stopped the van and listened. Cranes called in the distance, a Cuckoo called nearby, a Thrush Nightingale made brief song notes, and at last a Nightjar started churring, to be joined shortly by another. All in only ten minutes, but as the mossies were after blood we decided to return. The last day on the east coast had been an enjoyable one made better by perfect weather and good food and hospitality.

Day 5 – 8th June 2008 – Ardre Meadow & Botvaldvik

The day was in a pattern – blue sky and sunshine – but was even hotter than the previous day. We enjoyed breakfast, and after loading the luggage in the van and car, said our goodbyes to Frejs and Ljugarn, had another look at the Black Woodpecker nest. Nothing was seen or heard so we made our way north. We stopped at Ardre meadow, and looked for Frog Orchid. Ian found a few but Jill found an even better one near the entrance, but all were rather small. The meadow had flowering Harebell, Military Orchid, Fragrant Orchid and many Twayblade and Early Purple Orchids, two plants of the latter were perfectly white. In longer undergrowth Jack found two hedgehogs, squabbling or courting, and Ian L a few Grizzled Skippers. The meadow was again extremely rich in species and it was difficult to know where to put ones feet.

A little further on we stopped at the Russvätar, an area of limestone pavement which usually had ephemeral pools – not this season though! We started along a wooded track and immediately heard Wood Warbler and we had a good view for about 4 minutes of this handsome warbler. May-lily was flowering in profusion with Wood Cow-wheat, and Pearl-bordered Fritillary was flying around the open pine forest. Both Dingy and Grizzled Skipper flew along the track with Heath Fritillary and Brimstone. Tree Pipits called from the tops of trees and Willow Warblers and Yellowhammers were singing everywhere. The limestone pavement was eventually reached, but it was so dry that we spent only a little time here. However Ian L found Geranium Argus.

The short drive north included a stop at Gothem Church, one of Gotland's largest and also one with exquisite wall paintings from the 13th century, as well as unusual 17th century pew-door paintings of mythical and real animals and saints. A wall painting depicting St. Christopher holding the Pope and Mohammed was intriguing. The church was yet another fine example of the care taken over Gotlandic churches (some money is taken from taxes to go towards the upkeep

also) a link to a very different Gotland. The church was wonderfully cool and as we went outside it was stepping into an oven, though a breeze had begun to temper the heat. A female Wheatear was seen with a beak full of food and Swifts wheeled overhead, characteristically around the church tower.

A cool spot was needed for the picnic lunch so Ian drove to Botvaldvik. Along the track Bloody Cranesbill was flowering in abundance and a couple of Common Redstarts flew into a bush. We eventually reached the sea over forested and vegetated limestone shingle beach berms, which made the driving like going on a switchback railway. We parked up in the shade and spread the picnic out on a mat of Bearberry. As we ate we heard a warbler that eluded detection, but was possibly a Greenish Warbler. After eating we walked south along a small track through a calcareous fen area, where Common Butterwort, Bird's-eye Primrose and Early Marsh Orchid were in particularly good condition. A Redshank called its alarm note all the time we were there. As we came out of the fen the woodland had a fine display of Bird's-nest Orchid, as fresh and perfect as could be, growing with Sword-leaved Helleborine, Lesser Butterfly Orchid and Twayblade. Ian B went off into the pine woodland to search for Lesser Twayblade, and after searching eventually found the mossy hummock where it had been seen before – but unfortunately only 2 plants could be found, one with no flower and one a drooping fruiting plant. Pale-green Wintergreen and Round-leaved Wintergreen were both seen, and some perfect Red Helleborines were in flower. Ian B also saw a pink helleborine, a probable hybrid between the early flowering Narrow-leaved Helleborine and the later flowering Red Helleborine, both of which had flowering times which had merged somewhat over the last 2 years.

With everyone a little tired we drove straight (or zigzagged) towards the west coast and the Tofta Strand Pensionat with a lovely setting for our accommodation – amongst natural sand-dunes. We arrived in good time for most people to relax for a couple of hours before dinner at 6.30pm. The dinner was excellent and all had early nights – the sunshine, heat and country air was soporific for most!

Day 6 – 9th June 2008 – Stora Karlsö; Gnisvärd

The morning was very breezy and the sea to the west had white horses, but with another blue-sky day, a day on the small island of Stora Karlsö was enticing. Ian L had heard a Yellowhammer singing at 2.40am, with the morning so bright why not? and by 3am it was light. The breakfast was varied and good, with delicious ryebread, eggs, meatballs and herring dishes. All washed down by good strong coffee. We left earlier to get the small ferry and as we waited on Klintehamn quay (marvelling at how neat and tidy the timber processing plant was opposite) saw Arctic Tern, Grey Heron and numerous gulls. We boarded the boat at 9.30am and once out in the open water we had a very bumpy ride, but had good views of Lille Karlsö, the smaller but more cliffed island, as we went by.

After 40 minutes we had arrived within the northern bay of the island where the water was much calmer. The breeze had also died down. The island beaches, cliffs and shore was alive with birds,

with Black-headed Gull, Arctic Tern, Great Black-backed Gull, Razorbill, Guillemot, Eider, and a few Red-breasted Merganser and Velvet Scoter. We gathered by the flagpole and were allocated Agnetha, a young volunteer who would be our guide for the 2½ hour walk. We were in the English speaking group, and as the Swedish speaking group went one way we went the other. We first had a look at a cliff cave which is Sweden's oldest archaeological dig. Thousands of tonnes of soil was excavated in which were four tonnes of bones of all sorts of animals. Now the cave is home to three species of bat and some Maidenhair Spleenwort that grows on the back wall. We retraced our steps near an Arctic Tern colony, and Agnetha gave us an illuminating talk on the special birds of Stora Karlsö, in the excellently laid out and appointed museum. Once we had a chance to order lunch in the small café, which would be ready when we would return, we started up the track south into the centre of the island. Whitethroat, Lesser Whitethroat, Willow Warbler and Thrush Nightingale sang in the ash trees and scrub along the bottom of the cliff, but we could not pick up Scarlet Rosefinch (which has a call like pleased to meet you), Barred Warbler (which sounds like a moped!?) or Icterine Warbler (which has an explosive call), which usually occur here. We walked up the hill, where Wheatear, Yellowhammer and Skylark were calling, and a couple of Arctic Hare lolloped by, almost oblivious to our presence. Both the Yellow Pheasant's-eye (*Adonis vernalis*) and the Elder-flowered Orchid (*Dactylorhiza sambucina*) also known as Adam och Eva (Adam and Eve) in Swedish owing to their separately red and yellow-cream flowers, had well and truly flowered, but later species such as Spotted Cats-ear, Sticky Catchfly and Small Scabious were in bloom. Small Copper, Common Blue and Small Heath butterflies were seen. Agnetha caught a firebug which she explained fed on the toxic Swallow-wort.

Near the lighthouse, where several House Martins were making nests, we could smell the bird cliffs before we saw them – as we peered over the edge hundreds of Guillemots and Razorbill were packed on the limestone ledges nesting with chicks, mouths gaping in the hot sunshine to keep cool. The noise was cacophonous, the smell fishy and the sight was amazing. This was just a small part of the cliffs which stretched along the base of the island, off-limits to the public. There were also hundreds if not thousands of Guillemots and Razorbills on the sea, with Eider and Velvet Scoter, and with some flying around, returning to nests, or flying off. We spent a good deal of time here looking but when we had felt that we had been satisfied we continued on to the lighthouse and down the steps to the northern bay past a nesting Eider, with a wonderful eiderdown nest, and by now the sea was calm and millpond like as the wind had died. The beach was hot and so we retreated to the café to have lunch – very good fish with mash, or chicken drumsticks – and ice creams. We had an opportunity up until 3pm to explore the beach further, admire the Red-breasted Merganser, Velvet Scoter and Eider close to the beach through the scope, or relax in the sunshine with the sound of birds all around. The crossing back was much smoother and we were soon at Klintehamn.

After ice creams from a garage we arrived back at Tofta Strandpensionat at 4pm, where most had chance to relax before checklists at 5.30pm and dinner at 6.30pm. The new chef cooked a lovely chicken in rosemary sauce with potatoes, and even though everyone was full, everyone opted for an evening walk north along the dunes to Gnisvärd, a small fishing village, now used as a holiday place. The sun was almost setting and had a lovely effect as it shone through the fruiting heads of Meadow Pasque-flower on the dunes. Further towards Gnisvärd groups of Military Orchids were

mingled with pink Pyramidal Orchid and Field Cow-wheat and bright Yellow-rattle, a wonderful mixture, and Ian B found Moonwort fern in perfect condition. On the small island off the harbour, Arctic Tern and Black-headed Gull had chicks of varying sizes, and the calm shallow waters between had Shelduck with young, Mallard, Red-breasted Merganser, Mute Swan, Oystercatcher, and Little Tern hunting over the water. Groups of Velvet Scoter and Barnacle Goose flew over. As the sun set, the cirrus clouds took on a glow, and the colours of the sky changed with violets, blues and silver-purples. With a full day ahead all retired early.

Day 7 – 10th June 2008 – Mallgårds flush fen & Visby

The day started breezy and dry, but with more high cloud than previously, but ended with blue sky and high winds. After breakfast we drove south and first stopped at the ship setting site at Gannarve, with a good view of Lille Karlsö in the distance. Interestingly Gooseberry and Asparagus grew on the side of the road here, and a Small Tortoiseshell was seen. We then drove to the coast just north of Kvarnåkershamn, where a small fishing village of wooden huts called Klase (now a holiday place) was deserted. The coastal meadows were extensive here and it appeared that the low-lying coastal area was being cleared of invading pine and juniper and being grazed – we saw many Goth sheep (neat looking with curly horns and dark or light coats). Scanning the sea, which had been whipped up by the winds, we could see many Mute Swan, maybe hundreds, as well as several Grey Heron, Lapwing, Redshank, gulls, terns and Michael heard Greenshank. Some of the ‘hoped for’ birds of Avocet and White-tailed Eagle were sadly not present. We walked south to a bird tower where Jack spotted a Red-backed Shrike in juniper bushes and also located a Wheatear nest, watching the parent busily bring food to and fro. Towards the south we could see that most birds had hunkered down on the exposed sands of the bay, with terns and Shelduck in numbers. One Greylag Goose flew over.

We drove inland hoping to see butterflies in a more sheltered location – Mallgårds flush fen. This lies at the edge of the ‘Russpark’, an area of forest and wet grazed meadows where the ancient population of Gotlandic ‘Russ Pony’ had been resurrected from a perilously low number of animals. Mallgårds was a favourite place for them to come and drink. As we disembarked the vans we could hear some ponies through the trees and as we walked past Alder Buckthorn, Bog-myrtle and Silver Birch bushes into the grazed fen we were treated to seeing about 20 of the ponies with foals – most of them a light brown colour with dark manes and a wilder look than other ponies. They took little notice of us as we made our way around the now empty fen runnels – which were still damp if not full of water. We found Bogbean, Alpine Butterwort, Early Marsh-orchid (vars. ochroleuca, incarnata and pulchella), German Asphodel and Birds-eye Primrose, with many sedges, and in one small area Great Sundew was seen. Ian B located a small area of Alpine Bartsia with the following orchids; Lesser Butterfly, Marsh, Heath Spotted, Common Spotted and a few Pugsley’s Marsh Orchid were flowering, rather earlier than usual. The grazing of the marsh was keeping the rich mix of select species – long may it continue and expand! With the sheltered conditions Ian L found Pearl-bordered and Small Pearl-bordered Fritillary, Green Hairstreak and Holly Blue?, Michael found a Wood White, and Andy a Northern Chequered Skipper, both sexes of which were present. A Broad-bodied Chaser flew by and a Redshank and a Lapwing flew close – possibly

nesting at the site. We also heard Wren, the first time we had heard it for the trip, as well as seeing Tree Pipit close by.

We returned to Tofta Strandpensionat for an early picnic lunch on the beach, before going into Visby town, but it was so windy we decided to find somewhere along the route. Ian B found a pull in very close to Visby where the limestone pavement was particularly good, with lots of scrubby bushes. We ate up the fresh food and drove into Visby. By 2.30pm we had parked in the free car park north of the ferry terminal of Visby, and all went to the Gotland Fornsal (museum). People were then left to wander the wonderfully kept and interesting medieval walled town for the afternoon. We all met back at the van at 5.30pm. Visby was quiet, and some of the highlights were the history of the place, walled inner city, cathedral, botanic garden, views of the city from Norderklint Street, architecture and of course the excellent museum. We arrived back at 6pm, and dinner at 7pm, fish in lobster sauce and apple pie to follow. Shortly after dinner we also had a short dance presentation from a very attractive young Argentinian lady, who danced three routines of eastern dance – an added bonus. Some of the group, keen for a walk, joined the leaders to a dune slack between the Strandpensionat and the sea, where hundreds of Marsh Helleborine were in bud, amongst which were more Dark Red-helleborine, also still in bud, Common Butterwort, Wintergreen, Seaside Centaury, Early Marsh-orchid, and fine stands of Military Orchid. Back along the beach we found Sea-rocket and some Eelgrass washed up on the tide. The wind had been strong all day and as we retired, the sky was as clear as ever.

Day 8 – 11th June 2008 – Träskmyr

The wind had continued into the night and a lot more cloud was filtering from the north. It was dry, but noticeably cooler than previous days. For the last day we headed north past Visby and towards Bästeträsk, Gotland's largest lake. The blue Viper's-bugloss, pale-yellow Wild Mignonette, purple-red Bloody Crane's-bill and foamy creamy-white Dropwort coloured the roadsides, whilst flat limestone areas, still bone dry, had patches of purple Chives.

By the time we reached the small car-park at Träskmyr, it had become cool, grey and windy, not conducive to bird-watching from the nearby tower (fageltorn). Träskmyr is Gotland's largest wetland which even by the early 1980s was at risk of being drained. A small dam keeps water in and a happy medium is reached with farmers downstream afraid of flooding. The whole area is a large Great Fen-sedge *Cladium mariscus* fen, with scattered willows, small areas of open water all surrounded by pine forest. As soon as we arrived Michael spotted a Montagu's Harrier flying in the distance. Coot were heard calling from the fen, and Yellowhammer, Tree Pipit and Willow Warbler were also heard or seen. Not much else in the way of birds were seen or heard save a brief few Common Crane calls in the distance. As it was windy the butterflies were on the ground, including a newly emerged Black-veined White, Northern Chequered Skipper and Common Blue. The track to the bird-tower was rich in lime-loving plants of open and woodland edge habitats and included Common Rock-rose, Wood Cranesbill, Lily-of-the-valley and Bird's-nest Orchid. Near the cars Andy found some stripy red shield bugs on Cow Parsley, Ian L a snake skeleton, and Ian B found a pure white form of *Dactylorhiza incarnata*. The marshy edges to the fen near the car park

were rich in fen species and this is a site for *Orchis palustris*, but none could be seen this early in the year. Faith found some fresh Round-leaved Wintergreen in full bloom. This would be a good site which in warm sunshine would be a super stop.

We drove south and east towards Bunge to visit the folk museum – an open-air museum set up in 1907 in the church meadow of Bunge. There is a very good collection of Gotlandic houses, a complete farm and a fishing village from different periods, all saved by the museum founder. There are also old windmills, rue and picture stones and a host of artefacts in the buildings. It is set within managed forest meadow where Spotted Cat's-ear, Early Purple Orchid, and Hastate Skullcap (in the wetter area) grow amongst all the other species seen in similar meadows over the week, and the trees were in various stages of being managed from being coppiced and polled to full grown. A small group were making charcoal as we were there, which was bagged up ready to be sold. The light made available to the meadow makes this a wonderful place for birds and breeding Wheatear, Spotted and Collared Flycatcher (a first for Michael), Great and Blue Tit, Nuthatch, Jackdaw and Great Spotted Woodpecker were all seen. The set-up was sympathetic to the original place and showed how an open-air museum could and should be. A real treat! Just across the road we had lunch in the small museum café, outside in a now sunny lunchtime, where the broccoli and cheese pie, lasagne, meatballs, saffron pancakes and chocolate cake were all delicious and served by genuinely friendly girls.

With all full up, we drove north along the coastal road around the north side of Bästeträsk. The coastal side is a series of old beach berms, colonised by Scot's Pine and Alpine Bearberry. At one area recommended by Dan Paulson, the naturalist/local policeman, we found hundreds of Red Helleborine in flower with some late-flowering Narrow-leaved Helleborine (with white flowers), and Ian B found some hybrids between the two, with light pink flowers. However there were a range of forms making it confusing! The woodlands were almost yellow with hawkweeds, and we also found some Pale-green and Serrated Wintergreen. Driving along the track we eventually came to the coast, and driving along a strange and open landscape of limestone stone beach ridges, where Swallow-wort, Globularia, Sea Campion, hawkweeds, Wild Mignonette and Viper's-bugloss all grew in a seemingly inhospitable place, with mats of Alpine Bearberry and Scot's Pine on the inland side. The afternoon had turned showery and a large one briefly passed over – a few Mute Swan was seen but it was very quiet for birdlife.

We headed for Vitärtskällen, a small calcareous flush-fen, and luckily by the time we had arrived the rain had stopped. We walked down a small track, and dodged cowpats from the small herd of flighty cattle grazing the fen (it was looking good). The small clear streams running into the fen from Bästeträsk Lake were interesting for the small fish, caddis-fly larvae (making cases from Stonewort), leeches (which briefly attached to Ian B's finger!) and Water Scorpion. The rain had meant that no butterflies or dragonflies were flying and again it was quiet for birds. However a couple of Fly Orchid plants were found, as well as Early Marsh-orchid (var. *cruenta*), Birds-eye Primrose, Bogbean, and an early flowering Pugsley's Marsh-orchid.

We returned to Tofta Strand in about 40 minutes, and had supper of various herring dishes for starters and pork with potatoes for our main at 7pm. Final checklists were postponed for the airport, and people retired early for packing, last minute sunset photos or sleep!

Day 9 – 12th June 2008 – Gnisvärd and home

The day was a little cloudier and with a little last minute looking around Tofta Strand for orchids – Michael also saw a Hobby! – we said our goodbyes and with a long day ahead we stopped only briefly for another quick look at Gnisvärd, and a few photos. The transfer to Stockholm from Visby was painless and with final checklists done in the airport – a good way to use that empty time – we were soon on our way back home.

A summary of the locations day by day

- Day 1 – 4th June 2008 – London Heathrow to Stockholm; Stockholm to Visby; Visby to Ljugarn
- Day 2 – 5th June 2008 – Ljugarn; Anga Prästänge; near Fjäle, north of Anga; Kallgatburg; Follhammer
- Day 3 – 6th June 2008 – Slite quarry; Lärbro church; Fårö; Ullahau; Fårö Fyr; Langhammars
- Day 4 – 7th June 2008 – Öja church and meadow; Vamlingbo church and Lars Jonsson Museum; Hoburgen; Muskmyr; Stockviken; pm Fjäle, north of Ljugarn
- Day 5 – 8th June 2008 – Ardre Meadow; Russvätar; Gothem Church; Gothemhammar; Botvaldvik; Tofta Strand
- Day 6 – 9th June 2008 – Stora Karlsö; Gnisvärd
- Day 7 – 10th June 2008 – Gannarve ship setting; Klase north of Kvarnåkershamn; Mallgårds flush fen; Visby; Tofta Strand
- Day 8 – 11th June 2008 – Träskmyr; Bunge Museum and meadow; Bästeträsk, north of; Karvitskallen
- Day 9 – 12th June 2008 – Gnisvärd and home

Systematic List Number 1 Plants

This list is based upon those compiled by previous leaders. Species recorded previously but not seen in 2008 are enclosed with square brackets [e.g.]. Taxonomy and Nomenclature taken from Den Nordiska Floran by Stenberg & Ericsson (1993), though a newer Flora - Den Nya Nordiska Floran by Mossberg & Stenberg (2003) is recommended for its beautiful unparalleled pictures especially of sedges!

<i>Lycopodiaceae</i>	Clubmoss Family	
<i>Lycopodium annnotinum</i>	Interrupted Clubmoss	Kallgatburg
<i>Lycopodium clavatum</i>	creeping, erect interrupted branches Stag's-horn Clubmoss	In dunes, Ullahau
<i>Equisetaceae</i>	Horsetail Family	
<i>Equisetum variegatum</i>	Variiegated Horsetail	Dune-slack, Tofta Strand
<i>Equisetum arvense</i>	6-8 black teeth, white band above Field Horsetail	common
<i>Equisetum palustre</i>	Sterile stems, 6 - 19 grooves and teeth Marsh Horsetail	common
<i>Equisetum fluviatile</i>	stems bright green, 4 - 8 grooves Water Horsetail	growing in water, rare
	stems 10 - 13 very fine grooves	
<i>Pteridophyta</i>	Ferns	
<i>Ophioglossum vulgatum</i>	Adder's-tongue	Many in Öja meadow
<i>Botrychium lunaria</i>	single oval leaf, fertile spike Moonwort	Between Gnisvärd and Tofta Strand
<i>Pteridium aquilinum</i>	single pinnate leaf, branched fertile spikes Bracken	common and dominant
[<i>Thelypteris palustris</i>]	Marsh Fern	Stora Karlsö. 2004 Gålrum]
<i>Asplenium trichomanes</i>	delicate pale green, two pinnate leaves Maidenhair Spleenwort	Stora Karlsö, in small cave
[<i>Asplenium ruta-muraria</i>]	many narrow pinnate leaves Wall Rue	common: rocks and walls]
<i>Athyrium filix-femina</i>	small two pinnate fan-shaped leaves Lady-fern	Anga Prästänge
<i>Dryopteris carthusiana</i>	Narrow Buckler-fern	Ullahau, Fårö
[<i>Dryopteris dilatata</i>]	tufted fern Broad Buckler-fern	Fårö]
[<i>Dryopteris cristata</i>]	tufted fern Crested Buckler-fern	Fårö]
<i>Polypodium vulgare</i>	tufted fern Common Polypody	Fårö
	leathery pinnate leaves	
<i>Pinaceae</i>	Pine Family	
<i>Pinus sylvestris</i>	Scots Pine	widespread
<i>Picea abies</i>	leaves: two needle, pink trunk Norway Spruce	widespread
<i>Cupressaceae</i>	Cypress Family	
<i>Juniperus communis</i>	Juniper	widespread & locally dominant
	both upright and prostrate forms	

Taxaceae <i>Taxus baccata</i>	Yew Family Yew	locally common at Kallgatburg
Salicaceae [<i>Salix pentandra</i> [<i>Salix triandra</i> <i>Salix cinerea</i> <i>Salix caprea</i> <i>Salix repens</i> ssp. <i>repens</i> <i>Salix repens</i> ssp. <i>argentea</i> <i>Salix rosmarinifolia</i> <i>Populus tremula</i>	Willow Family Bay Willow small tree or shrub, leaves glossy, pale beneath Almond Willow tree or shrub, lance-shaped leaves Grey Willow shrub, leaves obovate, hairy Goat Willow Creeping Willow Creeping Willow small shrub, linear leaves Aspen tree, round leaves	widespread] widespread along streams] widespread scattered scattered in bogs scattered in mires, dune-slacks rare common
Myricaceae <i>Myrica gale</i>	Myrtle Family Bog Myrtle small aromatic shrub	locally common in mires
Betulaceae [<i>Betula pubescens</i> <i>Betula pendula</i> <i>Alnus glutinosa</i> <i>Corylus avellana</i>	Birch Family Downy Birch tree or shrub, leaves ovate toothed: Silver Birch tree, leaves irregular toothed, leaf tip acute Alder tree, dark green leaves female cones Hazel large, multi-stemmed shrub	widespread] scattered scattered widespread
Fagaceae <i>Quercus robur</i>	Beech Family Pedunculate Oak tree, peduncle 2 - 9 cm	widespread
Ulmaceae <i>Ulmus glabra</i> <i>Ulmus minor</i>	Elm Family Wych Elm tree, leaves rough on upper side Small-leaved Elm	widespread Rare
Urticaceae <i>Urtica dioica</i> [<i>Urtica urens</i>	Nettle Family Common Nettle gregarious perenn. Small Nettle Annual	scattered Russ Park]
Polygonaceae <i>Polygonum aviculare</i> <i>Persicaria maculosa</i> <i>Persicaria lapathifolia</i> <i>Rumex crispus</i>	Knotweed Family Knotgrass procumbent annual Redshank Pale Persicaria Curled Dock narrow undulate leaves	Bunge Bunge Bunge widespread

<i>[Rumex palustris]</i>	Marsh Dock very tall	Hammers]
<i>Rumex acetosa</i>	Common Sorrel leaves sagittate	widespread
<i>Rumex acetosella</i>	Sheep's Sorrel smaller than above, leaves hastate	widespread
<i>Chenopodiaceae</i>	Goosefoot Family	
<i>Chenopodium rubrum</i>	Red Goosefoot	Tofta
<i>Atriplex littoralis</i>	Grass-leaved Orache annual, colonising in sand	scattered on coasts
<i>[Atriplex prostrata]</i>	Spear-leaved Orache annual, triangular leaves, often mealy	sea shore]
<i>Caryophyllaceae</i>	Pink Family	
<i>Arenaria serpyllifolia</i>	Thyme-leaved Sandwort lvs. oval unstalked, petals shorter than sepals	Scattered
<i>Moehringia trinervia</i>	Three-veined Sandwort oval leaves, 3-5 veins, small white flowers	In woodland, Oja
<i>Honckenya peploides</i>	Sea Sandwort creeping, fleshy leaves, white flowers	widespread on coast
<i>Stellaria media</i>	Common Chickweed semi-prostrate, oval leaved small white flowers	Widespread
<i>[Stellaria holostea]</i>	Greater Stitchwort showy white flowers, petals notched to less than halfway	Russ Park]
<i>Stellaria graminea</i>	Lesser Stitchwort smaller flowers than above, petals notched more than halfway	scattered, in meadows
<i>Cerastium arvense</i>	Field Mouse-ear	Stora Karlsö
<i>Cerastium fontanum</i>	Common Mouse-Ear hairy, mat-forming perenn. ascend. flower shoots	Common
<i>Cerastium diffusum</i>	Sea Mouse-ear	Tofta Strand
<i>[Cerastium semidecandrum]</i>	Little Mouse-Ear hairy annual, petals about 3/4 length of sepals	Russ Park]
<i>[Cerastium pumilium]</i>	Dwarf Mouse-Ear hairy ann., smaller than above, petals as long as sepals	Russ Park]
<i>Scleranthus annuus</i>	Annual Knawel	Common in dry bare places
<i>Herniaria glabra</i>	Smooth Rupturewort procumbent, tiny green flowers	Common in dry bare places
<i>Lychnis flos-cuculi</i>	Ragged Robin petals pink with 4 spreading segments	Mallgards
<i>Lychnis viscaria</i>	Sticky Catchfly showy clusters of purple-pink fls.	loc. common on limestone pavement
<i>Agrostemma githago</i>	Corncockle	Bunge, in arable field. Introduced?
<i>Silene nutans</i>	Nottingham Catchfly sticky, flowers white, drooping	Widespread
<i>[Silene vulgaris]</i>	Bladder Campion flowers white, calyx inflated	Russ Park]
<i>Silene uniflora</i>	Sea Campion petals broader than above, larger inflated calyx	Fårö, on coast
<i>[Silene latifolia]</i>	White Campion white flowers, notched petals	scattered]
<i>[Dianthus deltoides]</i>	Maiden Pink bright pink flowers with darker centre	South Gotland]

Nymphaeaceae
[*Nymphaea alba*

[*Nuphar lutea*

Waterlily Family

White Waterlily
large showy white flowers
Yellow Waterlily
smaller yellow flowers

locally comm. lakes & ponds]

2004. In the river Horsnean]

Ranunculaceae

Anemone nemorosa

[*Anemone ranunculoides*

Anemone sylvestris

Hepatica nobilis

Pulsatilla vulgaris ssp. *gotlandica*

Pulsatilla pratensis

Caltha palustris

Adonis vernalis

Ranunculus acris

Ranunculus repens

[*Ranunculus polyanthemos*

Ranunculus sceleratus

[*Ranunculus bulbosus*

Ranunculus sardous

Ranunculus flammula

[*Ranunculus ophioglossifolius*

Ranunculus ficaria

Ranunculus baudotii

[*Ranunculus aquatilis*

[*Ranunculus confervoides* (*trichophyllus*)

Aquilegia vulgaris

Thalictrum minus

Thalictrum simplex

Thalictrum flavum

Buttercup Family

Wood Anemone
white petaloid sepals (6-12)
Yellow Anemone
bright yellow flowers
Snowdrop Windflower
5 large oval petaloid sepals
Hepatica
3-lobed leaves
Pasque Flower
large purple flowers
Small Pasque Flower
drooping dark purple flowers
Marsh Marigold
kidney-shaped leaves, 5 yellow sepals
Yellow Pheasant's-eye
fine pinnate leaves, lge. yellow flowers
Meadow Buttercup
hairy perennial, yellow flowers
Creeping Buttercup
rooting runners
strongly branched, 5-lobed leaves,
with narrow segments
Celery-leaved Buttercup
annual, shiny leaves, very small flowers
Bulbous Buttercup
hairy perennial, sepals reflexed, yellow fls.
Hairy Buttercup
small hairy annual, shiny leaves, pale yellow fls.
Lesser Spearwort
stems procumbent - decumbent. achenes smooth
Adder's-tongue Spearwort
stems erect, achenes tuberculate
Lesser Celandine
Heart-shaped leaves, narrow tepals
Brackish Water-crowfoot
Deeply divided palmate leaves or spreading rigid segments
Common Water-crowfoot
white flowers, floating lvs. Wedge-shaped submerged lvs. Capillary
Thread-leaved Water-crowfoot
white flowers, leaves all capillary
Columbine
violet tepals with spurs
Lesser Meadow Rue
yellow panicle
yellow panicle, leaflets narrow
Common Meadow Rue
tall, often large stands

common: woods

Russ Park]

Spitzel's site near Fjäle, and along
roadside nearby
lvs. only, comm. woods

lvs. only, Russvätar

Common, esp. around coasts

common: marshes. Kallgatburg

fruiting in grassland on Stora Karlsö

common: grassy places

common

Russ Park. 2004 widespread]

scattered in or near water

grassland]

scattered

scattered: wet places

marsh near sea. Rare]

scattered

In coastal wet places. Tofta Strand

shallow ponds]

ponds]

woods and roadsides. Common

scattered

scattered

wet meadows, marshes, widespread

<i>Berberidaceae</i>	Berberis Family	
<i>Berberis vulgaris</i>	Barberry spiny shrub	woods, frequent
<i>Papaveraceae</i>	Poppy Family	
<i>Papaver rhoeas</i>	Common Poppy capsule round	scattered
[<i>Papaver dubium</i>	Long-Headed Poppy capsule long	common, scattered]
[<i>Papaver argemone</i>	Prickly Poppy capsule long and bristly	common]
<i>Chelidonium majus</i>	Greater Celandine perennial, small yellow flowers	common
<i>Fumariaceae</i>	Fumitory Family	
[<i>Fumaria officinalis</i>	Common Fumitory scrambling ann. pink fls.	agric. weed]
<i>Brassicaceae</i>	Cabbage Family	
<i>Descurainia sophia</i>	Flixweed yellow flowers	scattered
<i>Alliaria petiolata</i>	Garlic Mustard flowers white, garlic smell	common
<i>Arabidopsis thaliana</i>	Thale Cress basal leaf rosette, fruits linear, not flattened	Scattered
<i>Bunias orientalis</i>	Warty Cabbage warty stems, yellow flowers	common: roadside and waste ground
<i>Isatis tinctoria</i>	Woad tall, yellow flowers, clasping stem leaves	Gnisvård
<i>Barbarea vulgaris</i>	Common Wintercress tall, yellow flowered cress basal leaves with 2-5 lobes	Scattered
[<i>Barbarea stricta</i>	Small-flowered Wintercress as above but with 1-2 lobes on basal leaves	2004. Widespread in wet areas]
<i>Cardamine pratensis</i>	Cuckoo-flower small perenn- white - lilac flowers	Russ Park
<i>Rorippa palustris</i>	Marsh Yellow-cress	Tofta Strand
<i>Arabis hirsuta</i>	Hairy Rockcress white flowers, long erect pods	grassland, rocks on lime, common
<i>Arabis glabra</i>	Tower Mustard Tall, white flowered, leaves undivided, glabrous and glaucous	Ljugarn
[<i>Alyssum alyssoides</i>	Small Alyssum downy annual, small yellow flowers	2004]
<i>Neslia paniculata</i>	Ball Mustard	Visby
<i>Capsella bursa-pastoris</i>	Shepherd's Purse white flowers, triangular fruit	waste ground, common
<i>Erophila verna</i>	Common Whitlow-grass	Scattered
<i>Thlaspi arvense</i>	Field Pennycress annual, white fls., winged seeds	agric. weed, rare
[<i>Draba incana</i>	Twisted Whitlow Grass fruit twisted when ripe	Liste Angar]
<i>Hornungia petraea</i>	Hutchinsia	Dry, bare limestone rocks, scattered
[<i>Lepidium (Cardaria) draba</i>	Hoary Cress Fls. in flat topped cluster	Russ Park]
[<i>Crambe maritima</i>	Sea Kale large plant, white flowers, lge. round leaves	Visby]

Resedaceae	Mignonette Family	
<i>Reseda lutea</i>	Wild Mignonette	common
[<i>Reseda luteola</i>]	Leaves pinnate, fls. yellow, 6 petals Weld: tall plant, lvs. oblong entire, fls. yellow, 5 petals	common]
Droseraceae	Sundew Family	
<i>Drosera anglica</i>	Great Sundew	Mallgards
Crassulaceae	Stonecrop Family	
[<i>Sedum telephium</i>]	Orpine	2004. Widespread]
<i>Sedum album</i>	Large greyish often red-tinged – flowers variable White Stonecrop	common
<i>Sedum acre</i>	mat forming white flowers Biting Stonecrop	common
<i>Sedum reflexum</i>	yellow flowers Reflexed Stonecrop	common
	flat topped head of yellow flowers	
Saxifragaceae	Saxifrage Family	
[<i>Saxifraga tridactylites</i>]	Rue-leaved Saxifrage	2004?]
<i>Saxifraga granulata</i>	reddish sticky annual Meadow Saxifrage	rocks and walls common in meadows
<i>Parnassia palustris</i>	white fls., cordate leaves Grass-of-Parnassus	Stockviken
	solitary white flowers	
Grossulariaceae	Currant Family	
<i>Ribes spicatum</i>	Downy Currant	Scattered in woods
<i>Ribes alpinum</i>	Mountain Currant	Scattered in woods
<i>Ribes uva-crispa</i>	shrub, fls. erect clusters Wild Gooseberry	Gannarve
Rosaceae	Rose Family	
<i>Filipendula vulgaris</i>	Dropwort	comm. dry grassland on lime
<i>Filipendula ulmaria</i>	inflorescence of many white flowers Meadowsweet	common: damp meadows
<i>Rubus saxatilis</i>	flowers dense clusters: fragrant Stone Bramble	common
<i>Rubus idaeus</i>	creeping small white flowers Raspberry	woods, scattered
<i>Rubus caesius</i>	erect shrub Dewberry	scattered
<i>Rosa canina</i>	Dog-rose	common
<i>Rosa villosa(mollis)</i>	large arching shrub Soft Downy Rose	Kallgatburg
[<i>Rosa sherardii</i>]	tomentose shrub, fls. deep pink, prickles straight Sherrard's Downy Rose	Russ Park]
<i>Agrimonia eupatoria</i>	Fls. deep pink, some prickles curved Common Agrimony	scattered
<i>Sanguisorba officinalis</i>	Great Burnet	scattered in damp places
<i>Sanguisorba minor</i>	Perennial. Pinnate leaves, dense pink flowerhead Salad Burnet	dry places, scattered
	smaller paler flowers, leaflets deeply toothed	

<i>Geum rivale</i>	Water Avens pink flowers	common, damp places
<i>Geum urbanum</i>	Herb Bennet yellow flowers	common
<i>Geum x intermedium</i>	(<i>Geum rivale</i> x <i>Geum urbanum</i>)	With both parents in wood, Öja
<i>Potentilla anserina</i>	Silverweed prostrate silver pinnate leaves	common
<i>Potentilla argentea</i>	Hoary Cinquefoil erect, silvery leaves	common
<i>Potentilla norvegica</i>	Ternate-leaved Cinquefoil	Hoburgen
<i>Potentilla recta</i>	Sulphur Cinquefoil	scattered
<i>Potentilla tabernaemontani</i>	mat forming	scattered
[<i>Potentilla cinerea</i>	Grey Cinquefoil	Liste Angar]
<i>Potentilla erecta</i>	Tormentil creeping, flowers 4 petals	common
<i>Potentilla reptans</i>	Creeping Cinquefoil	common
<i>Fragaria vesca</i>	Wild Strawberry long runners	common
[<i>Fragaria viridis</i>	smaller than above, short runners	South Gotland]
<i>Fragaria moschata</i>	Hautbois Strawberry	scattered
<i>Alchemilla glaucescens</i>	A Lady's-mantle	scattered
[<i>Alchemilla monticola</i>	hairy leaves, 9 - 11 lobes	common]
[<i>Alchemilla plicata</i>		2004.? probably this species at Kallgatburg]
<i>Malus sylvestris</i>	Wild Apple	scattered
<i>Sorbus aucuparia</i>	Mountain Ash tree: pinnate leaves	scattered
<i>Sorbus rupicola</i>	shrub, leaves coarsely toothed white tomentose beneath	scattered
<i>Sorbus hybrida</i>	Swedish Service Tree	common
<i>Sorbus intermedia</i>	leaves partially pinnate, last 2 prs. Free leaflets Swedish Whitebeam	common
<i>Cotoneaster integerrimus</i>	leaf lobed similar to Hawthorn	
<i>Cotoneaster niger</i>	A Cotoneaster: shrub, fls. pink, fruit red	common
<i>Crataegus laevigata</i>	A Cotoneaster	scattered
<i>Crataegus monogyna</i>	Midland Hawthorn leaves lobed, less than halfway to midrib, styles 2	common
<i>Prunus spinosa</i>	Hawthorn leaves deeply lobed, more than halfway to midrib, 1 style	common
<i>Prunus avium</i>	Blackthorn	common
<i>Prunus cerasus</i>	thorny shrub, forms dense thickets	
<i>Prunus mahaleb</i>	Wild Cherry	Rare
	Dwarf Cherry	Fårö
	St. Lucie's Cherry	Invasive alien on Stora Karlsö
Fabaceae	Pea Family	
[<i>Ulex europaeus</i>	Gorse	Stora Karlsö]
[<i>Astragalus glycyphyllos</i>	shrub, leaves spiny, yellow pea flowers Wild Liquorice	Fårö]
<i>Vicia cracca</i>	large perennial, greenish cream flowers Tufted Vetch	common
<i>Vicia tenuifolia</i>	clambering perennial., dark blue flowers. Fine-Leaved Vetch	scattered
	narrow leaflets, white flowers	

<i>Vicia hirsuta</i>	Hairy Tare small annual, pale lilac flowers	Visby
<i>Lathyrus niger</i>	Black Pea	Fårö
<i>Lathyrus japonicus</i> ssp. <i>maritimus</i>	Sea Pea prostrate, purple/blue flowers	Ljugarn
<i>Lathyrus linifolius</i>	Bitter Vetch slender perennial: red/purple flowers	Fårö
<i>Lathyrus pratensis</i>	Meadow Vetchling yellow flowers	scattered
<i>Lathyrus palustris</i>	Marsh Pea clambering perennial: blue/purple flowers	marshes by sea, Gothemhammar
<i>Medicago lupulina</i>	Black Medick yellow flowers, cluster of black curved pods	common
<i>Medicago sativa</i> ssp. <i>falcata</i>	Sickle Medick yellow flowers, pods sickle-shaped	scattered
[<i>Trifolium montanum</i>	Mountain Clover pale yellow flowers, narrow trifoliate leaves.	scattered]
<i>Trifolium repens</i>	White Clover creeping, white flowers, trifoliate leaves with white crescent	scattered, grasslands
<i>Trifolium hybridum</i>	Alsike Clover	Fårö
[<i>Trifolium campestre</i>	Hop Trefoil flowers yellow: 20/30 florets	scattered]
<i>Trifolium dubium</i>	Lesser Yellow Trefoil flowers yellow, smaller than above: up to 12 florets	common
<i>Trifolium alpestre</i>	Alpine Clover	Anga Prästänge
<i>Trifolium medium</i>	Zig-Zag Clover	scattered
<i>Trifolium pratense</i>	Red Clover globular red flowers	cultivated, common
<i>Lotus corniculatus</i>	Bird's Foot Trefoil prostrate showy yellow flowers	very common
<i>Tetragonolobus maritimus</i>	Dragon's Teeth large solitary pale yellow flowers	Gothemhammar
<i>Anthyllis vulneraria</i>	Kidney-vetch	common
Oxalidaceae	Wood Sorrel Family	
[<i>Oxalis acetosella</i>	Wood Sorrel white flowers	woods]
Geraniaceae	Geranium Family	
<i>Geranium sanguineum</i>	Bloody Crane's-bill flowers bright magenta	very common
<i>Geranium sylvaticum</i>	Wood Crane's-bill flowers mauvish, white centre	very common
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill	scattered
<i>Geranium molle</i>	Dove's Foot Crane's-bill hairy, prostrate, pink flowers	common
<i>Geranium columbinum</i>	Long-stalked Crane's-bill leaf segments narrow, small pink flowers	Träskmyr
[<i>Geranium lucidum</i>	Shining Crane's-bill leaves round, glossy, small pink fls.	Stora Karlsö etc.]
<i>Geranium robertianum</i>	Herb-Robert strong-smelling, fern-like lvs. pink fls.	common
<i>Erodium cicutarium</i>	Common Stork's-bill narrow pinnate lvs, pink fls.	common

Linaceae [<i>Linum austriacum</i> <i>Linum catharticum</i>	Flax Family erect, pale blue flowers Purging Flax small annual, white flowers	Fårö, on lime] common in dry, short grassy places
Polygalaceae <i>Polygala vulgaris</i> <i>Polygala comosa</i> <i>Polygala amarella</i>	Milkwort Family Common Milkwort lvs. lanceolate, pointed, fls.. blue, pink or white lower leaves blunt, fls. usually pink Dwarf Milkwort lower leaves in rosette, bitter tasting flowers	scattered scattered scattered blue or pink
Euphorbiaceae <i>Euphorbia esula</i> [<i>Euphorbia palustris</i> <i>Mercurialis perennis</i>	Spurge Family Leafy Spurge Marsh Spurge tall, grey leaves, fruit short warts Dog's mercury	Roadsides, Visby South Gotland] shady places, common
Aceraceae <i>Acer platanoides</i>	Maple Family Norway Maple tree, leaves sharply pointed lobes	common
Rhamnaceae <i>Rhamnus catharticus</i> <i>Frangula alnus</i>	Buckthorn Family Buckthorn shrub or sm. tree, lvs. broad, finely toothed Alder Buckthorn shrub or small tree, lvs. broad, untoothed	common on lime common: damp heaths & woods
Tiliaceae <i>Tilia cordata</i>	Lime Family Small-leaved Lime trees, heart-shaped leaves	scattered
Malvaceae <i>Malva sylvestris</i> <i>Malva pusilla</i>	Mallow Family Common Mallow Small Mallow	Gnisvärd Hoburgen
Clusiaceae <i>Hypericum perforatum</i>	St John's Wort Family Perforate St John's Wort yellow flowers, black dots, leaves with translucent dots	scattered
Violaceae <i>Viola odorata</i> <i>Viola hirta</i> <i>Viola mirabilis</i> <i>Viola rivinana</i> [<i>Viola reichenbachiana</i> [<i>Viola canina</i> <i>Viola pumila</i>	Violet Family Sweet Violet Hairy Violet Common Dog Violet blue-violet, stout creamy notched spur Early Dog Violet paler than above, un-notched violet spur Heath Dog Violet blue flowers, spurs greenish-white Meadow Violet pale blue flowers, spur greenish, short	scattered scattered scattered Common Russ Park] Visby and Liste Angar] Kallgatburg

<i>[Viola tricolor</i>	Wild Pansy	Liste Angar]
	flowers violet, yellow or both	
<i>[Viola arvensis</i>	Field Pansy	Liste Angar]
	small flowers, cream, sometimes tinged yellow or blue	
<i>Cistaceae</i>	Rock Rose Family	
<i>Helianthemum nummularia</i>	Common Rock-rose	very common on lime
	prostrate sub-shrub, yellow flowers	
<i>[Fumana procumbens</i>	Common Fumana	South Gotland]
	spreading sub-shrub, yellow fls, linear lvs.	
<i>Onagraceae</i>	Willowherb Family	
<i>Epilobium angustifolium</i>	Rose Bay Willowherb	scattered
<i>(Chamerion)</i>	tall, patch-forming, flowers bright pink	
<i>[Epilobium hirsutum</i>	Great Willowherb	Liste Angar]
<i>Epilobium montanum</i>	Broad-leaved Willowherb	scattered
	tall, hairy, flowers bright pink	
<i>Cornaceae</i>	Dogwood Family	
<i>[Cornus sanguinea</i>	Dogwood	scattered on lime]
	shrub, white flowers	
<i>Araliaceae</i>	Ivy Family	
<i>Hedera helix</i>	Ivy	common
<i>Apiaceae</i>	Carrot Family	
<i>Hydrocotyle vulgaris</i>	Marsh Pennywort	scattered, damp places
	leaves circular	
<i>Sanicula europaea</i>	Wood Sanicle	woods, common
	flower clusters pale pink, greenish white	
<i>[Eryngium maritimum</i>	Sea Holly	Liste Angar]
	spiny perenn., silvery leaves, blue flowers	
<i>Anthriscus sylvestris</i>	Cow Parsley	common, banks & hedgerows
	leaves 2-3 pinnate, rays many, white fls.	
<i>Anthriscus caucalis</i>	Bur Chervil	scattered
	rays few, flowers minute, fruit bur-like	
<i>[Scandix pecten-veneris</i>	Shepherd's Needle	Fårö]
	fruit conspicuously long	
<i>Myrrhis odorata</i>	Sweet Cicely	near Tofta
<i>[Pimpinella saxifraga</i>	Burnet Saxifrage	common in grassland]
	lowers lvs. ovate segments, upper lvs. with linear segments	
<i>Aegopodium podagraria</i>	Ground Elder	Öja
	low growing, patch forming	
<i>Berula erecta</i>	Narrow-leaved Water Parsnip	Träskmyr
	sprawling, pinnate lvs. toothed segments also submerged linear leaves	
<i>Carum carvi</i>	Caraway	Kallgatburg
	leaves fine, aromatic	
<i>Angelica sylvestris</i>	Wild Angelica	scattered
	tall, hairless, inflated sheathing stalks	
<i>Peucedanum palustre</i>	Marsh Hog's Fennel	Träskmyr
	tall, stems hollow, ribbed, leaf segments lanceolate	
<i>[Pastinaca sativa</i>	Wild Parsnip	South Gotland on lime]
	flowers yellow	

<i>Heracleum sphondylium</i>	Hogweed tall, coarse ovate leaves, large flowers	scattered
[<i>Heracleum mantegazzianum</i> (? <i>Heracleum sosnowskyi</i>)	Giant Hogweed Hogweed sp.	waste ground] On roadsides, near Monkebus. Though similar, this large Hogweed appears not to be <i>H. mantegazzianum</i> (which has more acute leaf-tips) but probably this species. It is a non-native species established in the Baltic States but occurrence in Sweden needs confirming.)
<i>Laserpitium latifolium</i>	Sermountain tall, stems of upper lvs. inflated, lvs. heart-shaped	Stora Karlsö
<i>Daucus carota</i>	Wild Carrot umbels large, lower bracts pinnate or 3-forked	scattered
Pyrolaceae	Wintergreen Family	
<i>Pyrola minor</i>	Common Wintergreen flowers white, style not protruding	Tofta Strand
[<i>Pyrola media</i>	Intermediate Wintergreen Style straight and slightly protruding	Kallgatburg]
<i>Pyrola chlorantha</i>	Pale-green Wintergreen flowers greenish-yellowish-white, style protruding, curved	North of Båstetråsk, Gothemhammar
<i>Pyrola rotundifolia</i>	Round-leaved Wintergreen flowers pure white, protruding s-shaped style	Tråskmyr, Gothemhammar
<i>Orthilia secunda</i>	One-sided Wintergreen one-sided spike, straight protruding style	North of Båstetråsk
[<i>Moneses uniflora</i>	One-flowered Wintergreen flowers white, solitary, nodding	Stora Karlsö & Liste Angar]
Monotropaceae	Yellow Bird's Nest Family	
[<i>Monotropa hypopitys</i>	Yellow Bird's Nest yellow saprophyte in woods	Fårö and Liste Angar]
Ericaceae	Heath Family	
<i>Calluna vulgaris</i>	Heather	very common
<i>Ledum palustre</i>	Labrador Tea	Kallgatburg
<i>Vaccinium vitis-idea</i>	Cowberry prostrate shrub, lvs. glossy inrolled, petals spreading, pink/white	common
<i>Vaccinium myrtillus</i>	Bilberry shrub, leaves bright green, flowers pink, mouth constricted	common
<i>Arctostaphylos uva-ursi</i>	Bearberry mat-forming to 2m, leathery leaves, petals pink, constricted	common
Primulaceae	Primrose Family	
<i>Primula veris</i>	Cowslip nodding, one-sided yellow flowers	common
<i>Primula farinosa</i>	Bird's Eye Primrose flowers pink	damp grassy places, inc. Mallgårds
<i>Trientalis europaea</i>	Chickweed Wintergreen flowers white, solitary	Ullahau, Fårö
<i>Glaux maritima</i>	Sea Milkwort prostrate, pale pink flowers	Follhammer
[<i>Anagallis arvensis</i>	Scarlet Pimpernel flowers pink or blue	S. Gotland]
[<i>Samolus valerandi</i>	Brookweed flowers white in stalked spike	S. Gotland, damp places. 2004 near Kraklingbo]
Plumbaginaceae	Sea Lavender Family	
<i>Armeria maritima</i>	Thrift leaves linear, flowers pink	seashore

Oleaceae <i>Fraxinus excelsior</i>	Olive Family Ash tree, leaves pinnate	common
Gentianaceae <i>Centaurium littorale</i> [<i>Gentianella amarella</i>]	Gentian Family Seaside Centaury Autumn Gentian flowers dull purple in clusters up stem	Tofta Strand South Gotland]
Menyanthaceae <i>Menyanthes trifoliata</i>	Bogbean Family Bogbean leaves trefoil, fls. pink/white fringed	marshes, Mallgårds, Träskmyr
Asclepiadaceae <i>Vincetoxicum hirundinaria</i>	Milkweed Family Swallow-wort heart-shaped opposite leaves, flowers greenish-yellowish	common
Rubiaceae <i>Asperula tinctoria</i> <i>Galium boreale</i> <i>Galium palustre</i> <i>Galium verum</i> <i>Galium album</i> [<i>Galium saxatile</i>] <i>Galium aparine</i>	Bedstraw Family lower leaves whorls of 6, white fls, 3 petals Northern Bedstraw lvs. whorls of 4, fls. white Marsh Bedstraw straggling, lvs. whorls 4-5, fls. White anthers red Lady's Bedstraw Yellow flowers stoloniferous, tall, dense inflorescence Heath Bedstraw low, leaves whorls of 6-8, edged with forwardly-directed prickles Goose Grass straggling and clinging with prickles	v. common v. common Fårö v. common common, roadside Fårö scattered
Convolvulaceae <i>Calystegia sepium</i> <i>Convolvulus arvensis</i>	Bindweed Family Hedge Bindweed large showy white flowers Field Bindweed flowers smaller than above, pink	Visby waste places, scattered
Boraginaceae [<i>Lithospermum officinale</i>] [<i>Lithospermum arvense</i>] <i>Echium vulgare</i> <i>Symphytum x uplandicum</i> <i>Anchusa officinalis</i> [<i>Anchusa arvensis</i>] <i>Asperuga procumbens</i> <i>Myosotis arvensis</i> [<i>Myosotis stricta</i>]	Borage Family Common Gromwell well branched, leaves with prominent side veins, white flowers. Corn Gromwell little branched, leaves without prominent side veins, flowers creamy white Viper's-bugloss roughly hairy, flowers pink-vivid blue Comfrey hybrid Alkanet softly hairy, flowers blue-purple Bugloss short hairy ann., flowers blue, leaves wavy-edged Madwort Field Forget-me-not annual, tiny flowers branched annual to 30cm, small blue flowers	Russ Park] Fårö] common Probably at Öja, but very blue flowers! scattered waste ground] Langhammars scattered Fårö]

<i>[Myosotis laxa</i>	Tufted Forget-me-not	scattered]
<i>[Myosotis scorpioides</i>	blue flowers, petals not notched	
	Water Forget-me-not	wet places]
	blue flowers, petals notched	
<i>Cynoglossum officinale</i>	Hound's-tongue	Scattered
	med/tall, softly hairy, flowers dull purple	
Lamiaceae	Mint Family	
<i>[Teucrium botrys</i>	Cut-leaved Germander	S. Gotland]
<i>Scutellaria hastifolia</i>	Norfolk Skullcap	Bunge
	lvs. deeply cut, fls. pink	
<i>[Galeopsis bifida</i>	Bifid Hemp-Nettle	S. Gotland]
	lower lip notched	
<i>[Lamium album</i>	White Deadnettle	S. Gotland]
	flowers white	
<i>Stachys palustris</i>	Marsh Woundwort	Träskmyr
<i>Prunella vulgaris</i>	Self-Heal	Common
	creeping, flowers violet	
<i>Acinos arvensis (Satureja acinos)</i>	Basil Thyme	scattered
	fls. violet, white markings on lower lip	
<i>Origanum vulgare</i>	Wild Marjoram	Stora Karlsö
<i>Thymus serpyllum</i>	Breckland Thyme	Common
	scattered mat forming aromatic shrub, lvs. hairy all around	
<i>Lycopus europaeus</i>	Gipsywort	Träskmyr
	whorls of white bell-shaped fls.	
<i>Mentha aquatica</i>	Water Mint	wet places, Träskmyr
	aromatic pink fls. in terminal heads	
Solanaceae	Nightshade Family	
<i>[Hyoscyamus niger</i>	Henbane	Fårö]
	bell-shaped fls., yellow with purple veins	
<i>[Solanum dulcamara</i>	Bittersweet	S. Gotland]
	purple fls., red fruit	
Scrophulariaceae	Figwort Family	
<i>[Verbascum densiflorum</i>	Dense-flowered Mullein	roadside]
	decurent stem lvs., Stigma elong. & spatulate	
<i>Verbascum thapsus</i>	Great Mullein	scattered
<i>[Scrophularia nodosa</i>	Common Figwort	Russ Park]
	brown flowers, stems not winged	
<i>[Chaenorhinum minus</i>	Small Toadflax	weed of cultivation]
	pale purple fls., short blunt spur	
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	walls in Visby
	scrambling perennial, small purple/yellow flowers	
<i>Linaria vulgaris</i>	Common Toadflax	Stora Karlsö
	yellow flowers, long spur	
<i>Veronica spicata</i>	Spiked Speedwell	Kallgatburg
	fls. long, blue spikes	
<i>Veronica chamaedrys</i>	Germander Speedwell	common
	hairy perenn., bright blue flowers	
<i>Veronica officinalis</i>	Heath Speedwell	Kallgatburg
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	scattered
<i>Veronica beccabunga</i>	Brooklime	scattered
	creeping branched perenn., blue fls.	

<i>Veronica catenata</i>	Pink Water Speedwell similar to above, pink flowers, lanceolate leaves	Kallgatburg
<i>Veronica arvensis</i>	Wall Speedwell	scattered
[<i>Veronica anagallis-aquatica</i>	Blue Water Speedwell Similar, blue flowers, lanceolate leaves	2004. scattered]
[<i>Veronica verna</i>	Spring Speedwell Sticky, hairy pinnate leaves	S. Gotland]
<i>Veronica hederifolia</i>	Ivy-leaved Speedwell sprawling downy annual	Gnisvärd
<i>Melampyrum pratense</i>	Common Cow-wheat yellow flowers, mouth closed	scattered
<i>Melampyrum sylvaticum</i>	Small Cow-wheat deep yellow flowers, open mouth	Gothemhammar
<i>Melampyrum arvense</i>	Field Cow-Wheat flowers pink & yellow, bracts finely pinnate	scattered, roadsides
<i>Euphrasia stricta</i> ssp. <i>suecica</i>	Eyebright	Anga Prästänge, endemic to Gotland
<i>Bartsia alpina</i>	Alpine Bartsia flowers & bracts purple	Mallgårds Fen
[<i>Pedicularis palustris</i>	Marsh Lousewort calyx pubescent, flowers pink & crimson	South Gotland]
<i>Rhinanthus serotinus</i>	Greater Hay-rattle erect to 60cm, yellow flowers stigma exerted	common
<i>Rhinanthus minor</i>	Hay-rattle less robust than above, lower lip turned down, stigma more/less included	scattered
Globulariaceae	Globularia Family	
<i>Globularia vulgaris</i>	Common Globularia blue flower heads	common
Lentibulariaceae	Butterwort Family	
<i>Pinguicula vulgaris</i>	Common Butterwort violet flowers, white throat	Anga Prästänge, Mallgårds Fen
<i>Pinguicula alpina</i>	Alpine Butterwort white flowers	Mallgårds Fen, Kallgatburg
[<i>Utricularia minor</i>	Lesser Bladderwort aquatic with bladders, small pale flowers	Russ Park]
Plantaginaceae	Plantain Family	
<i>Plantago major</i>	Greater Plantain leaves broad, oval, fls. long spikes	common
<i>Plantago media</i>	Hoary Plantain	Stora Karlsö
<i>Plantago lanceolata</i>	Ribwort Plantain lanceolate lvs. short brown spikes	common
[<i>Plantago maritima</i>	Sea Plantain leaves fleshy, flowers greenish spikes	coast]
[<i>Littorella uniflora</i>	Shoreweed forms submerged swards, flowers white, male prominent stamen	South Gotland]
Caprifoliaceae	Honeysuckle Family	
<i>Sambucus racemosa</i>	Red-berried Elder inflorescence ovoid, white flowers	Fårö
<i>Viburnum opulus</i>	Guelder Rose leaves lobed, flowers white in flat corymbs	common
<i>Linnaea borealis</i>	Twinflower creeping, mat-forming, fls. pendulous pink	Ullahau, Fårö

<i>Lonicera xylosteum</i>	Fly Honeysuckle shrub, pairs of small yellow flowers	scattered
Valerianaceae		
<i>Valerianella locusta</i>	Valerian Family Common Cornsalad	scattered
[<i>Valerianella dentata</i> <i>Valeriana officinalis</i>]	erect, tiny pale fls. fruit corky pink flowers, fruit not corky Common Valerian	scattered] damp woods
Campanulaceae		
<i>Succisa pratensis</i>	Campanula Family Devil's-bit Scabious	scattered
<i>Knautia arvensis</i>	Field Scabious	Stora Karlsö
<i>Campanula rotundifolia</i>	Harebell	scattered
[<i>Campanula persicifolia</i>]	pale blue flowers Peach-leaved Bellflower	scattered – just coming into flower]
Asteraceae		
<i>Solidago virgaurea</i>	Goldenrod	scattered
<i>Bellis perennis</i>	Daisy	common in grass
[<i>Aster tripolium</i>]	mat-forming white flowers Sea Aster	Fårö]
[<i>Erigeron acer</i>]	Leaves fleshy, ray florets mauve Blue Fleabane	Fårö]
<i>Antennaria dioica</i>	heads many, ray florets short, mauve Mountain Everlasting	common
<i>Inula britannica</i>	creeping, leaves white, wooly beneath, flowers white or pink leaves linear pubescent, flowers yellow	Ardre Meadow, Bunge
<i>Achillea millefolium</i>	Yarrow	common
<i>Tripleurospermum inodorum</i> (<i>Matricaria perforata</i>)	aromatic, white-pink flowers in flat umbels Scentless Mayweed	scattered
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	scattered
<i>Tanacetum vulgare</i>	leaves dark green, ray petals white, disc yellow Tansy	Gnismård
<i>Artemisia vulgaris</i>	Mugwort	roadsides, common
<i>Artemisia absinthium</i>	tall, leaves pinnate, silvery beneath Wormwood	scattered
<i>Artemisia maritimum ssp. humifusa</i>	strongly aromatic. leaves white, downy Sea Wormwood	scattered, coastal
<i>Artemisia campestris</i>	short grey perennial, aromatic Field Wormwood	endemic to Baltic Is. scattered
<i>Tussilago farfara</i>	Coltsfoot	scattered
<i>Petasites hybridus</i>	yellow flowers, large round leaves Butterbur	Visby
<i>Senecio vulgaris</i>	Groundsel	scattered
<i>Carlina vulgaris ssp. stricta</i>	Carline Thistle	scattered on lime
<i>Carduus nutans</i>	low spiny, flowers yellow bracts Musk Thistle	Fårö
<i>Cirsium arvense</i>	Creeping Thistle	grassland, scattered
<i>Cirsium vulgare</i>	spiny, pink flowers Spear Thistle	scattered
<i>Cirsium palustre</i>	spiny, pink flowers, leaves decurrent Marsh Thistle	wet places, scattered

<i>Cirsium acaule</i>	Dwarf Thistle tall, leaves decurrent	Stora Karlsö
<i>Centaurea scabiosa</i>	Greater Knapweed leaves deeply lobed, flowers solitary large reddish-purple	scattered
<i>Centaurea cyanus</i>	Cornflower bright blue flowers	cornfields, scattered
<i>Cichorium intybus</i>	Chicory	Scattered
<i>Hypochoeris radicata</i>	Cat's-ear leaves hairy, pinnately lobed	Scattered
<i>Hypochoeris maculata</i>	Spotted Cat's Ear leaves spotted, flowers pale yellow	grassland on lime, Gothem, Bunge
<i>Scorzonera humilis</i>	Viper's-grass flowers pale yellow, phyllaries in several rows	Common
<i>Tragopogon pratensis</i>	Goat's-beard yellow flowers, one row of phyllaries, grass-like leaves	Common
<i>Sonchus arvensis</i>	Perennial Sow-thistle	Scattered
<i>Lactuca serriola</i>	Prickly Lettuce	Fårö
<i>Mycelis muralis</i>	Wall Lettuce lobed leaves, often tinged purple inflorescence much branched	Scattered
<i>Taraxacum</i> spp.	Dandelion	Common
<i>Lapsana communis</i>	Nipplewort	Scattered
<i>Crepis praemorsa</i> [<i>Crepis tectorum</i>	Leafless Hawk's-beard leafy stems, branched clusters of yellow flowers	Scattered, in old grassland, wet places 2004. Scattered]
[<i>Hieraceum lactucella</i>	glaucus, 1-7 flower heads	Liste Angar]
<i>Hieraceum umbellatum</i>	leaves linear lance, sessile up stem	Scattered
<i>Pilosella officinarum</i>	Mouse-ear-Hawkweed long runners, lemon-yellow sol. flowers.	common

MONOCOTYLEDONS

<i>Alismataceae</i> [<i>Alisma lanceolatum</i>	Water Plantain Family Narrow-leaved Water Plantain flowers pinkish	S Gotland]
<i>Juncaginaceae</i> [<i>Triglochin palustre</i>	Arrow Grass Family Marsh Arrow Grass fine leaves, carpels adhering at tip	Liste Angar]
<i>Triglochin maritima</i>	Sea Arrow Grass leaves linear, fruit ovoid	Fårö
<i>Potamogetonaceae</i> [<i>Potamogeton gramineus</i>	Pondweed Family Various-leaved Pondweed submerged leaves lanceolate. Floating leaves oblong, long stalked	Russ Park]
<i>Zosteraceae</i> <i>Zostera marina</i>	Eel-grass Family Common Eelgrass	Washed up on beach, Tofta Strand
<i>Liliaceae</i> <i>Tofieldia calyculata</i> [<i>Anthericum ramosum</i>	Lily Family German Asphodel yellow-greenish flowers white flowers, widely branched	Mallgårds Fen, Kallgatburg, marshy places Russ Park]

<i>Allium schoenoprasum</i>	Chives	Scattered, common at Langhammar
[<i>Allium scorodoprasum</i>	cylindrical lvs. fls. purple/pink Sand Leek	2004. Mulde]
<i>Allium ursinum</i>	tall, large head of lilac-purple flowers Ramsons	Scattered, woods
<i>Allium vineale</i>	strong-smelling, carpeting. Infl. white Crow Garlic	Scattered
<i>Convallaria majalis</i>	nfl. mixed with bulbils Lily-of-the-Valley	common in woods
<i>Maianthemum bifolium</i>	patch-forming 2 ñ op. lvs. on each stem May Lily	common in woods
<i>Paris quadrifolia</i>	patch forming 2 lvs. on each stem not opposite Herb-Paris	Scattered in woods
<i>Polygonatum odoratum</i>	whorl of 4 leaves, fls. star like Lesser Solomon's-seal	Scattered on limestone rocks
[<i>Polygonatum multiflorum</i>	stems angled, fls. cyl. often solitary Solomon's-seal	S. Gotland]
<i>Asparagus officinalis</i>	flowers constricted, in clusters Wild Asparagus	Gannarve
	stems prostrate, minute leaves	
Iridaceae	Iris Family	
<i>Iris pseudacorus</i>	Yellow Flag	common
	showy yellow flowers	
Orchidaceae	Orchid Family	
<i>Cypripedium calceolus</i>	Lady's-slipper	c.400 in fantastic flower at Kallgatburg – we were there spot on time!
<i>Epipactis palustris</i>	Marsh Helleborine	Hundreds in flower on dune-slack, Tofta Strand
<i>Epipactis helleborine</i>	Broad-leaved Helleborine	Leaves noted in a variety of spots
<i>Epipactis atrorubens</i>	Dark Red Helleborine	Scattered, in flower on sand-dunes at Tofta Strand
[<i>Cephalanthera damasonium</i>	White Helleborine	In flower in Mulde Reserve]
<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	Widespread in flower
<i>Cephalanthera rubra</i>	Red Helleborine	In flower north of Botvaldvik, and many with <i>Cephalanthera longifolia</i> and hybrid between the two species (<i>Cephalanthera x otto-hechtii</i>) north of Båsteträsk
<i>Neottia nidus-avis</i>	Bird's-nest Orchid	In flower. Scattered throughout, good ones at Gothemhammar
<i>Listera ovata</i>	Twayblade	In flower. Widespread
<i>Listera cordata</i>	Lesser Twayblade	Fruiting, only 2 plants. Gothemhammar
<i>Goodyera repens</i>	Creeping Lady's-tresses	Leaves seen, Gothemhammar
[<i>Herminium monorchis</i>	Musk Orchid	In flower. 2004. Common near Harma in South Gotland and also seen near Slite]
<i>Platanthera bifolia</i>	Lesser Butterfly Orchid	In flower. Widespread
[<i>Platanthera chlorantha</i>	Greater Butterfly Orchid	In flower. Scattered – commonest in the east]
<i>Gymnadenia conopsea</i>	Fragrant Orchid	In flower. Scattered
[<i>Gymnadenia odoratissima</i>	Short-spurred Fragrant Orchid	Leaves only in mires near Klinte, Visby. 2004 in bud (probably!) at a few sites in the east]
<i>Coeloglossum viride</i>	Frog Orchid	A few in flower, Ardre Meadow
<i>Dactylorhiza sambucina</i>	Elder-flowered Orchid	Stora Karlsö, common in seed
<i>Dactylorhiza incarnata</i> var. <i>ochroleuca</i>	Early Marsh Orchid	In flower. Noted at most mires and wetlands
<i>Dactylorhiza incarnata</i> var. <i>incarnata</i>	Early Marsh Orchid	In flower. Typical pale flesh-pink form widespread. A deep pink form similar in colour to <i>cruenta</i> was very common in the south

<i>Dactylorhiza incarnata</i> var. <i>pulchella</i>	Early Marsh Orchid	In flower. Different in colour from the UK form – diminutive – local in mires e.g. Mallgårds etc.
<i>Dactylorhiza incarnata</i> var. <i>cruenta</i>	Flecked Marsh Orchid	In flower. Locally common in many of the mires. Most easily distinguished from the rest of the early marsh group by the leaves spotted on both sides and stems and bracts heavily marked too, however a form with unspotted leaves and therefore very similar to the deep pink form of <i>incarnata</i> common in the south!
<i>[Dactylorhiza lapponica]</i>		In flower. Diminutive hardly hollow-stemmed miniature ‘heath-spotted’ type found in the calcareous mires at Kallgatburg. 2004 – also at Mallgårds Fen]
<i>Dactylorhiza curvifolia</i>		In flower (just!). The northern form of ‘ <i>traunsteinerii</i> ’. Karvitskallen.
<i>[Dactylorhiza longifolia]</i>		In flower. Formerly ‘ <i>baltica</i> ’. This fantastic metre tall marsh orchid was in fine flower by a stream on the east coast. It is not recorded from Gotland according to Delforge though it would be within the expected range of this species. There is a reference to it in Gotland (Hansen 1994) but I’ve yet to find the paper – so it looks like we weren’t quite the first to find this species on the island!]
<i>Dactylorhiza fuchsii</i>	Common Spotted Orchid	In flower. Widespread and common
<i>[Dactylorhiza ericetorum]</i>	Heath-spotted Orchid	In flower. Near Hammars. 2004 Mallgårds Fen]
<i>Dactylorhiza maculata</i>		In flower 2004. Mallgårds (doubtfully distinct from previous species)
<i>Orchis morio</i>	Green-winged Orchid	In flower. Common in the fields by Stockviken
<i>Orchis ustulata</i>	Burnt-tip Orchid	In flower. Widespread
<i>Orchis militaris</i>	Military Orchid	In flower. Widespread and quite common – one of the ‘sights of Gotland’!
<i>Orchis spitzelii</i>	Spitzel’s Orchid	In fruit. Very few near Fjäle. Also seen was the hybrid with this species and <i>Orchis mascula</i> (<i>Orchis</i> × <i>petterssonii</i>) here still in flower.
<i>Orchis mascula</i>	Early Purple Orchid	In flower though most well-finished. Widespread and common
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	In flower. Botvaldvik.
<i>Ophrys insectifera</i>	Fly Orchid	In flower. Widespread in damp fens.
Juncaceae	Rush Family	
<i>[Juncus gerardii]</i>	Saltmarsh Rush	Fårö]
	creeping extensive patches 50cm infl.loose spreading cluster	
<i>[Juncus articulatus]</i>	Jointed Rush	Fårö]
	leaves flattened & curved, much branched inflorescence	
<i>Juncus subnodulosus</i>	Blunt-flowered Rush	Scattered in fens
<i>Juncus bulbosus</i>	Bulbous Rush	Scattered in fens
<i>Juncus bufonius</i>	Toad Rush	Scattered
	forms low patches	
<i>[Luzula pilosa]</i>	Hairy Woodrush	woods]
	inflorescence: forking cluster of single flowers, leaves long hairs	
Sparganiaceae	Bur-reed Family	
<i>Sparganium erectum</i>	Branched Bur-reed	Träskmyr

Typhaceae*Typha latifolia***Reed Mace Family**Reed-mace
patch-forming 2-3m tall

Träskmyr

Cyperaceae*Bolboschoenus maritimus***Sedge Family**Sea Club-rush
forms large stands 1.2m tall

coastal, scattered

Schoenoplectus lacustris ssp. *tabernaemontani* Grey Club-rush
1.7m tall, glaucous stems

coastal, Ljugarn

Schoenoplectus lacustris ssp. *lacustris* Common Club-rush

Träskmyr

Eriophorum angustifolium Common Cottongrass
creeping stems to 75cm, 3-sided at top. Short ligule

scattered

Eriophorum latifolium Broad-leaved Cottongrass
stems 70cm, 3-sided throughout, no ligule

Kallgatburg

Eriophorum vaginatum Hare's-tail Cottongrass

Muskmyr

Eleocharis quinqueflora Few-flowered Spike-rush
to 30cm, top sheath obliquely truncated

common: marshes

[*Eleocharis parvula* Dwarf Spike-rush

tidal mud]

[*Eleocharis palustris* tufted, 8cm, with whitish thread-like runners ending in tubers

Stora Karlsö]

[*Eleocharis palustris* Common Spike-rush
creeping 60cm tall, top sheath squarely truncated

Stora Karlsö]

Cladium mariscus Great Fen-sedge
tall, patch-forming

lake shores, common

Schoenus nigricans Black Bog-rush
tufted to 60cm. black inflorescence

common: damp grass

Schoenus ferrugineus Brown Bog-rush
shorter than above, infl. narrower, brown

common: bogs

[*Carex vulpina* True Fox Sedge

common]

[*Carex spicata* Spiked Sedge

South Gotland]

[*Carex muricata* Prickly Sedge

Fårö]

Carex arenaria Sand Sedge
creeping through sand in long lines

coastal sand, widespread

[*Carex disticha* Brown Sedge

v. common]

[*Carex echinata* creeping, taller than above[*Carex atherodes* Star Sedge
South Gotland]
Storsund: seemingly new to Gotland?
Like Hairy Sedge but with the jizz of
Carex sylvatica]*Carex hirta* Hairy Sedge

scattered

Carex acutiformis Lesser Pond Sedge

Träskmyr

Tufted, large sedge with keeled plicate leaves and obtuse glumes

Carex sylvatica Wood-sedge

Öja

Carex flacca Glaucous Sedge

common

creeping, leaves glaucous beneath

Carex panicea Carnation Sedge

common

shortly creeping, leaves glaucous both sides

[*Carex extensa* Long-bracted Sedge

Liste Angar]

tufted: 40cm

Carex hostiana Tawny Sedge

common

Carex flava Large Yellow-sedge

scattered

[*Carex lepidocarpa* Long-stalked Yellow-sedge

Liste Angar]

[*Carex demissa* Common Yellow-sedge

common]

Carex pallescens Pale Sedge

Öja

Carex digitata Fingered Sedge

Kallgatburg

[*Carex ornithopoda* Bird's Foot Sedge

Liste Angar]

Carex caryophyllea Spring Sedge

Anga Prästänge

[*Carex tomentosa*
[*Carex elata*
[*Carex nigra*

Downy-fruited Sedge
Tufted Sedge
Common Sedge

South Gotland]
common]
common]

Poaceae

Festuca ovina
Festuca rubra
Festuca arundinacea
Dactylis glomerata
Briza media
Sesleria caerulea
Melica ciliata
Melica nutans
Leymus arenarius
Helictotrichon pratense
Arrhenatherum elatius
Deschampsia flexuosa
Holcus lanatus
Corynephorus canescens
Ammophila arenaria
Phleum arenarium
Alopecurus arundinaceus
Phragmites australis

Grass Family

Sheep's Fescue
Red Fescue
Tall Fescue
Cock's-foot
Quaking-grass
Blue Moor-grass
Ciliate Melick
Mountain Melick
Lyme-grass
Meadow Oat-grass
False Oat-grass
Wavy Hair-grass
Yorkshire-fog
Grey Hair-grass
Marram
Sand Cat's-tail
A Foxtail
Common Reed

Stora Karlsö
common
scattered
common
common
scattered
scattered
scattered
common on coastal sand dunes
scattered
scattered
scattered
scattered
Ullahau, sand dunes
common on coastal sand dunes
sand dunes, scattered
scattered around coast
common in fens, edges of lakes

Systematic List Number 2 Birds

The taxonomy and order of the following list largely follows Voous (1977, List of Recent Holarctic Bird Species). An indication of frequency of sightings is given by the number of days out of 8 a species was seen on – thus 4/8 means a species was noted on four days during the holiday (Arrival day not counted).

A summary of the locations day by day

- Day 1 – 4th June 2008 – London Heathrow to Stockholm; Stockholm to Visby; Visby to Ljugarn
 Day 2 – 5th June 2008 – Ljugarn; Anga Prästänge; near Fjäle, north of Anga; Kallgatburg; Follhammer
 Day 3 – 6th June 2008 – Slite quarry; Lärbro church; Fårö; Ullahau; Fårö Fyr; Langhammars
 Day 4 – 7th June 2008 – Öja church and meadow; Vamlingbo church and Lars Jonsson Museum; Hoburgen; Muskmyr; Stockviken; pm Fjäle, north of Ljugarn
 Day 5 – 8th June 2008 – Ardre Meadow; Russvätar; Gothem Church; Gothemhammar; Botvaldvik; Tofta Strand
 Day 6 – 9th June 2008 – Stora Karlsö; Gnisvärd
 Day 7 – 10th June 2008 – Gannarve ship setting; Klase north of Kvarnåkershamn; Mallgårds flush fen; Visby; Tofta Strand
 Day 8 – 11th June 2008 – Träskmyr; Bunge Museum and meadow; Bästeträsk, north of; Karvitskallen
 Day 9 – 12th June 2008 – Gnisvärd and home

Cormorant	<i>Phalacrocorax carbo</i>	Not uncommon around the coasts. 7/8
Grey Heron	<i>Ardea cinerea</i>	Scattered throughout. 7/8
Mute Swan	<i>Cygnus olor</i>	Widespread, 100s at Stockviken. 8/8
Greylag Goose	<i>Anser anser</i>	Locally common. 2/8
Barnacle Goose	<i>Branta leucopsis</i>	Several at Stockviken, Fårö and off Tofta Strand
Shelduck	<i>Tadorna tadorna</i>	Common along coasts. 8/8
Mallard	<i>Anas platyrhynchos</i>	Scattered. 5/8
Common Eider	<i>Somateria mollissima</i>	Widespread on coasts. 8/8
Velvet Scoter	<i>Melanitta fusca</i>	Many on sea, Stora Karlsö. 3/8
Long-tailed Duck	<i>Clangula hyemalis</i>	2 off Follhammer, Ljugarn. 1/8
Red-breasted Merganser	<i>Mergus serrator</i>	Widespread. 3/8
Goosander	<i>Mergus marganser</i>	Several off Ljugarn. 2/8
Marsh Harrier	<i>Circus aeruginosus</i>	1 at Muskmyr. 1/8
Montagu's Harrier	<i>Circus pygargus</i>	1 at Träskmyr. 1/8
Common Buzzard	<i>Buteo buteo</i>	Rather scarce – only 2 seen. 2/8
Common Kestrel	<i>Falco tinnunculus</i>	Scarce. 1/8
Hobby	<i>Falco subbuteo</i>	1 at Tofta Strand. 1/8
Grey Partridge	<i>Perdix perdix</i>	Rare, including 1 at Stockviken. 2/8
Pheasant	<i>Phasianus colchicus</i>	Scattered. 3/8
Coot	<i>Fulica atra</i>	Locally abundant. 3/8
Common Crane	<i>Grus grus</i>	2 seen at Stockviken, and heard near Fjäle and Träskmyr. 2/8
Oystercatcher	<i>Haematopus ostralegus</i>	Widespread and common. 8/8
Avocet	<i>Recurvirostra avosetta</i>	3 at Stockviken
Ringed Plover	<i>Charadrius hiaticula</i>	Locally common. 3/8
Lapwing	<i>Vanellus vanellus</i>	Widespread. 6/8
Common Snipe	<i>Gallinago gallinago</i>	1 at Kallgatburg
Curlew	<i>Numenius arquata</i>	Stockviken. 1/8
Common Redshank	<i>Tringa totanus</i>	Widespread. 6/8
Greenshank	<i>Tringa nebularia</i>	Scattered, including north of Kvarnåkershamn. 2/8

Turnstone	<i>Arenaria interpres</i>	1 on near nest Langhammars, Fårö.
Black-headed Gull	<i>Larus ridibundus</i>	Widespread. 8/8
Common Gull	<i>Larus canus</i>	Scattered around coasts. 5/8
Lesser Black-backed Gull	<i>Larus fuscus</i>	Scattered around coasts. 4/8
Herring Gull	<i>Larus argentatus</i>	Scattered around coasts. 3/8
Great Black-backed Gull	<i>Larus marinus</i>	Scattered around coasts, many on Stora Karlsö. 4/8
Arctic Tern	<i>Sterna paradisaea</i>	Widespread. 6/8
Little Tern	<i>Sterna albifrons</i>	Locally common around coasts. 6/8
Guillemot	<i>Uria aalge</i>	At least 4000 on breeding colonies on Stora Karlsö – superb views!
Razorbill	<i>Alca torda</i>	At least 1000 on breeding colonies on Stora Karlsö – even better views!
Rock Dove	<i>Columba livia</i>	Feral Pigeon widespread. 6/8
Stock Dove	<i>Columba oenas</i>	1 heard near Andre Meadow. 1/8
Woodpigeon	<i>Columba palumbus</i>	Rather common. 5/8
Collared Dove	<i>Streptopelia decaocto</i>	Scattered. 3/8
Cuckoo	<i>Cuculus canorus</i>	Scattered. 3/8
Nightjar	<i>Caprimulgus europaeus</i>	2 heard near Fjäle, north of Ljugarn. 1/8
Common Swift	<i>Apus apus</i>	Widespread. 8/8
Black Woodpecker	<i>Drycopus martius</i>	Nest in Aspen in garden of Bruna Dörren, Ljugarn. Young seen poking heads out of nest and adult heard. 2/8
Great Spotted W'dpecker	<i>Dendrocopos major</i>	Widespread. 8/8
Skylark	<i>Alauda arvensis</i>	Widespread. 7/8
Swallow	<i>Hirundo rustica</i>	Widespread. 8/8
House Martin	<i>Delichon urbica</i>	Widespread. 8/8
Tree Pipit	<i>Anthus trivialis</i>	Scattered throughout, esp. in bogs with trees. 4/8
Meadow Pipit	<i>Anthus pratensis</i>	Few seen. 2/8
Rock Pipit	<i>Anthus petrosus</i>	Several on Stora Karlsö. 1/8
White Wagtail	<i>Motacilla alba</i>	Widespread. 8/8
Wren	<i>Troglodytes troglodytes</i>	1 heard at Mallgårds. 1/8
Robin	<i>Erithacus rubecula</i>	1 at Ljugarn. 1/8
Thrush Nightingale	<i>Luscinia luscinia</i>	Heard on Stora Karlsö, and near Fjäle, N of Ljugarn. 3/8
Northern Wheatear	<i>Oenanthe oenanthe</i>	Scattered. 3/8
Blackbird	<i>Turdus merula</i>	Widespread. 6/8
Fieldfare	<i>Turdus pilaris</i>	Widespread and very common. 8/8
Song Thrush	<i>Turdus philomelos</i>	1 seen only at Visby. 1/8
Lesser Whitethroat	<i>Sylvia curruca</i>	1 heard on Stora Karlsö. 1/8
Common Whitethroat	<i>Sylvia communis</i>	Widespread. 7/8
Blackcap	<i>Sylvia atricapilla</i>	Widespread. 4/8
Wood Warbler	<i>Phylloscopus sibilatrix</i>	1 seen and heard well at Russvätar. 2/8
Willow Warbler	<i>Phylloscopus trochilus</i>	Widespread and very common. 8/8
Greenish Warbler	<i>Phylloscopus trochiloides</i>	1 heard Anga Prästänge. 1/8
Goldcrest	<i>Regulus regulus</i>	Widespread. 5/8
Spotted Flycatcher	<i>Muscicapa striata</i>	Widespread in low numbers. 5/8
Collared Flycatcher	<i>Ficedula albicollis</i>	1 seen at Bunge Museum in wooded meadow. 1/8
Pied Flycatcher	<i>Ficedula hypoleuca</i>	1 seen at Anga Prästänge. 1/8
Coal Tit	<i>Parus ater</i>	Scarce. 3/8
Blue Tit	<i>Parus caeruleus</i>	Scarce. 2/8
Great Tit	<i>Parus major</i>	Widespread. 5/8
Nuthatch	<i>Sitta europaea</i>	Widespread. 5/8
Common Treecreeper	<i>Certhia familiaris</i>	1 seen at Vamlingbo. 1/8
Red-backed Shrike	<i>Lanius collurio</i>	Scattered, including 1 at Hoburgen. 3/8
Jay	<i>Garrulus glandarius</i>	Scattered. 4/8
Magpie	<i>Pica pica</i>	Widespread. 5/8
Jackdaw	<i>Corvus monedula</i>	Widespread near habitation. 5/8

Hooded Crow	<i>Corvus corone cornix</i>	Widespread. 8/8
Raven	<i>Corvus corax</i>	Rather scarce. 1/8
Starling	<i>Sturnus vulgaris</i>	Widespread. 7/8
House Sparrow	<i>Passer domesticus</i>	Near habitation. 5/8
Chaffinch	<i>Fringilla coelebs</i>	Widespread and common. 8/8
Greenfinch	<i>Carduelis chloris</i>	Scattered. 4/8
Linnet	<i>Carduelis cannabina</i>	Scattered. 2/8
Common Rosefinch	<i>Carpodacus erythrinus</i>	Rare, including 1 seen at Hoburgen. 2/8
Yellowhammer	<i>Emberiza citrinella</i>	Widespread. 8/8
Reed Bunting	<i>Emberiza schoeniclus</i>	2 at Stockviken/ 1/8

Systematic List Number 3 Butterflies

The taxonomy and nomenclature in this list is taken from Tolman's 'Collins Field Guide to the Butterflies of Britain and Europe' (1997). An indication of abundance is given by the number of days out of 8 that a species was recorded.

Swallowtail	<i>Papilio machaon</i>	Rare, including 1 at Anga Prästänge. 3/8
Large White	<i>Pieris brassicae</i>	Scattered. 4/8
Black-veined White	<i>Aporia crataegi</i>	Locally common. 5/8
Small White	<i>Artogeia rapae</i>	Locally common. 5/8
Green-veined White	<i>Artogeia napi</i>	Scattered. 2/8
Orange-tip	<i>Anthocharis cardamines</i>	Scattered. 2/8
Wood White	<i>Leptidea sinapsis</i>	Scattered. 3/8
Brimstone	<i>Gonepteryx rhamni</i>	Scattered, including near <i>Orchis spitzelii</i> site and Russvätar. 3/8
Green Hairstreak	<i>Callophrys rubi</i>	Scattered, including Muskmyr, Mallgårds. 3/8
Small Copper	<i>Lycaena phlaeas</i>	Scattered, including Stora Karlsö. 2/8
Little Blue	<i>Cupido minimus</i>	1 at Kallgatburg. 1/8
Holly Blue	<i>Celastrina argiolus</i>	?1 seen at Mallgårds
Silver-studded Blue	<i>Plebejus argus</i>	1 seen in extreme south. 1/8
Cranberry Blue	<i>Vacciniina optilete</i>	Scattered, including Muskmyr. 2/8
Mountain Argus	<i>Aricia artaxerxes</i>	Scattered. 2/8
Geranium Argus	<i>Eumedonia eumedon</i>	Very local. 2/8
Mazarine Blue	<i>Cyaniris semiargus</i>	1 at Angla Prästänge. 1/8
Common Blue	<i>Polyommatus icarus</i>	Widespread. 6/8
Small Tortoiseshell	<i>Aglais urticae</i>	Scattered, including larvae on nettles at Fårö. 2/8
Small Pearl-bordered Fritillary	<i>Clossiana selene</i>	Scattered including Muskmyr. 2/8
Pearl-bordered Fritillary	<i>Clossiana euphrosyne</i>	Scattered, including near <i>Orchis spitzelii</i> site, Russvätar and Kallgatburg. 4/8
Heath Fritillary	<i>Mellicta athalia</i>	Scattered, including near <i>Orchis spitzelii</i> site and Russvätar. 3/8
Marsh Fritillary	<i>Euphydryas aurinia</i>	At least 3 at Kallgatburg. 1/8
Meadow Brown	<i>Maniola jurtina</i>	Only seen once. 1/8
Small Heath	<i>Coenonympha pamphilus</i>	Widespread. 8/8
Speckled Wood	<i>Pararge aegeria</i>	Scarce, including at Kallgatburg. 2/8
Grizzled Skipper	<i>Pyrgus malvae</i>	A few at Ardre Meadow, and Russvätar. 2/8
Dingy Skipper	<i>Erynnis tages</i>	Scarce - seen at Russvätar. 2/8
Northern Chequered Skipper	<i>Carterocephalus silvicolus</i>	Scattered with fresh adults at Kallgatburg, Träskmyr and Mallgårds. 5/8