

## The Flora of Amrum

Amrum has a well preserved, but threatened flora. The dunes, in particular, are home to many rare species that find their only German localities in the islands of the Wadden Sea. This checklist of the flora of Amrum is intended to help people interested in Amrum's plants and those who help conserve the wildlife of the island.

The following checklist is an amalgamation of surveys I have conducted. It also summarizes other checklists in the literature, particularly those of Christiansen (1967) and Türk (1994). I conducted my surveys during July 2005, July 2006 and August 2007. I attempted to visit as much of the island that is accessible and searched out particularly unusual habitats. I have crudely judged the abundance of each species based on how often I encountered it, and how common it was in the sites where it grew. Thus a plant abundant at only one site would be considered uncommon, as would a species seen at a handful of sites in small numbers. Occasionally, I have not attempted to judge the abundance of the species. Either the species was difficult to find, even when it is present, that it might be more common than it appears, or the species requires microscopic examination to determine and insufficient plants were determined. For some species I state whether the species is native, introduced, planted or casual. Clearly, these are often difficult to assess and rather subjective. It is generally simple to tell if a conifer has been planted in a plantation, but outside plantations it is difficult to know whether individual trees have grown from seeds.

Species with their names in **bold type** have been recorded recently. Unless stated otherwise they have been recorded by me between 2005 and 2007. Previous authors have, in general, not recorded planted species, so although many of these species have been noted for the first time here, they have existed on the island for many years.

*Dr. Quentin Groom*

## LYCOPODIACEAE

### *Lycopodiella inundata*

(Marsh Clubmoss / Sumpf-Bärlapp)

Rare, native. Dune slack near the Wriakhörnsee. A rare and endangered species across Europe. First recorded 1860.

### *Lycopodium clavatum*

(Stag's Horn Clubmoss / Kolben-Bärlapp)

First recorded 1860, last recorded between 1987-1992.

## EQUISETACEAE

### *Equisetum arvense*

(Field Horsetail / Acker-Schachtelhalm)

Uncommon, native. On the banks of ditches. Low lying land between Steenodde and Wittdün. First recorded 1895.

### *Equisetum fluviatile*

(Water Horsetail / Schlamm-Schachtelhalm)

Rare, native. Next to a small overgrown pond. First recorded 1895.

## OPHIOGLOSSACEAE

### *Botrychium lunaria*

(Moonwort / Mondraute)

Recorded only 1936

### *Ophioglossum vulgatum*

(Adder's-tounge / Natternzunge)

Recorded only 1954

## OSMUNDACEAE

### *Osmunda regalis*

(Royal Fern / Königsfarn)

First recorded 1930, last recorded between 1960-1986

## POLYPODIACEAE

### *Polypodium vulgare*

(Polypody / Gemeiner Tüpfelfarn)

Common, native. Deciduous woodland, conifer plantations and fixed dunes. First recorded 1860.

## WOODSIACEAE

### *Athyrium filix-femina*

(Lady Fern / Waldfrauenfarn)

Rare, native. Conifer plantations. A single plant found, presumably a recent colonist. Recorded only between 2005-2007.

## DRYOPTERIDACEAE

### *Dryopteris carthusiana*

(Narrow Buckler fern / Dorniger Wurmfarne)

Uncommon, native. Conifer plantations. Hard to find amongst the much more abundant and similar looking *Dryopteris dilatata*. First recorded 1913.

### *Dryopteris dilatata*

(Broad Buckler fern / Breiter Wurmfarne)

Abundant, native. Deciduous woodland and conifer plantations. First recorded between 1987-1992.

### *Dryopteris filix-mas*

(Male Fern / Gemeiner Wurmfarne)

Uncommon, native. Embankments surrounding houses and in woods. First recorded 1930.

## PINACEAE

### *Abies alba*

(Fir / Tanne)

Uncommon, planted. Conifer plantations. Recorded only between 2005-2007.

### *Abies grandis*

(Fir / Tanne)

Uncommon, planted. Conifer plantations. Recorded only between 2005-2007.

### *Larix x marschlinii*

(Japanese Larch / Japanische Lärche)

Uncommon, planted. Conifer plantations. Recorded only between 2005-2007.

### *Picea glauca*

(White Spruce / Weissfichte)

Rare, planted. Conifer plantations. Recorded only between 2005-2007.

### *Picea sitchensis*

(Sitka Spruce / Sitka-Fichte)

Common, planted. Conifer plantations. Creating dense shade under which little survives. Recorded only between 2005-2007.

### *Pinus contorta*

(Lodgepole Pine / Drehkiefer)

Uncommon, sometimes planted. Usually found at the boundary between the dunes and conifer plantations Often self sown on the dunes. Recorded only between 2005-2007.

### *Pinus mugo*

(Dwarf Mountain-pine / Bergkiefer, Latschenkiefer)

Uncommon, planted. Usually found at the boundary between the dunes and conifer plantations. Recorded only between 2005-2007.

### *Pinus nigra*

(Corsican Pine / Schwarz-Kiefer)

Abundant, planted. Conifer plantations. Probably the commonest plantation tree on the island. Used to stabilize dunes. Recorded only between 2005-2007.

### *Pinus sylvestris*

(Scots Pine / Wald-Kiefer, Wald Föhre)

Common, planted. Conifer plantations. Commonly planted to stabilize dunes. Recorded only between 2005-2007.

## CUPRESSACEAE

### *Juniperus communis*

(Common Juniper / Wacholder)

First recorded 1860, last recorded between 1987-1992.

## TAXACEAE

### *Taxus baccata*

(Yew / Eibe)

Rare, probably planted. Woodland. Recorded only between 2005-2007.

## NYMPHAEACEAE

### *Nymphaea alba*

(White Water Lily / Weiße Teichrose)

Rare, probably planted. Pond. South of Steenodde. First recorded between 1987-1992.

## RANUNCULACEAE

### *Aquilegia vulgaris*

(Columbine / Wald-Akelei)

Uncommon, introduced. Garden weed, wastelands and occasionally in woodland. Probably tolerated by gardeners and allowed to self-sow. Recorded only between 2005-2007.

*Pulsatilla vulgaris*  
(Pasqueflower / Gewöhnliche Kuhschelle)  
First recorded 1860, last recorded 1917

***Ranunculus acris***  
(Meadow buttercup / Scharfer Hahnenfuß)  
Common, native. Meadows and roadsides. First recorded 1860.

***Ranunculus aquatilis agg.***  
(Common Water-crowfoot / Gewöhnlicher Wasserhahnenfuß)  
Rare, native. Pond. Just surviving in a small pool in grazing land north of Norddorf. First recorded 1895.

***Ranunculus bulbosus***  
(Bulbous buttercup / Knolliger Hahnenfuß)  
First recorded 1915, last recorded between 1987-1992.

***Ranunculus flammula***  
(Lesser Spearwort / Brennender Hahnenfuß)  
Uncommon, native. Wet dune slacks and banks of ponds. On the banks of the Wriakhörnsee and also in boggy dune slacks north of Norddorf. First recorded 1860.

***Ranunculus hederaceus***  
(Ivy-leaved Crowfoot / Efeublättriger Hahnenfuß)  
Recorded only between 1960-1986

***Ranunculus repens***  
(Creeping buttercup / Kriechender Hahnenfuß)  
Common, native. Meadows, pastures, wastepplaces, lawns and roadsides. First recorded 1895.

***Ranunculus sardous***  
(Hairy buttercup / Sardischer Hahnenfuss)  
Uncommon, archaeophyte. Pastures and trodden ground. Pastures north of Norddorf. First recorded 1876.

***Ranunculus sceleratus***  
(Celery leaved Crowfoot / Gift-Hahnenfuß)  
Uncommon, native. Ditches, dune slacks and wastepplaces. Often quite close to the sea on the edge of saltmarsh. First recorded 1895.

***Thalictrum flavum***  
(Common Meadow-rue / Gelbe Wiesenraute)  
First recorded 1935, last recorded between 1960-1986

***Thalictrum minus ssp. saxatile***  
(Lesser Meadow-rue / Kleine Wiesenraute)  
Recorded only 1987

## PAPAVERACEAE

***Chelidonium majus***  
(Greater Celandine / Großes Schöllkraut)  
Rare, introduced. Wastepplaces and garden weed. Recorded only between 2005-2007.

***Eschscholzia californica***  
(Californian Poppy / Kalifornischeer Goldmohn)  
Rare, casual. Road verge and wasteland. One plant along main road in Süddorf, near garden. Recorded only between 2005-2007.

***Papaver argemone***  
(Prickly Poppy / Sand-Mohn)  
First recorded 1954, last recorded between 1987-1992.

***Papaver dubium ssp. dubium***  
(Long Smooth-headed Poppy / Saat-Mohn)  
Common, archaeophyte. Wastepplaces, a weed in arable crops and roadsides. First recorded 1956.

***Papaver rhoeas***  
(Common Poppy / Klatsch-mohn)  
Common, archaeophyte. Wastepplaces, arable crops and roadsides. First recorded before 1961.

***Papaver somniferum***  
(Opium Poppy / Schlafmohn)  
Uncommon, introduced. Wastepplaces. Never more than a handful of plants at any one site, but present in many places. Recorded only between 2005-2007.

***Glaucium flavum***  
(Yellow Horned-poppy / Gelber Hornmohn)  
Rare, native. Strandline. Found in a small area on the western shore at the highest high tide mark where litter collects. Recorded only between 2005-2007.

## FUMARIACEAE

***Fumaria officinalis ssp. officinalis***  
(Fumitory / Gewöhnlicher Erdrauch)  
Uncommon, archaeophyte. Field margins and tracks. First recorded 1913.

## ULMACEAE

***Ulmus x hollandica***  
(Dutch Elm / Bastard-Ulme)  
Uncommon, Hedges. No large trees were found and one small tree was seen to have died, presumably of Dutch Elm disease. Determined only from Nebel, but probably elsewhere too. Recorded only between 2005-2007.

***Ulmus glabra***  
(Wych Elm / Berg-Ulme)  
Uncommon, Hedges. Small trees were seen in the boundary hedges and saplings from wild sown seeds was found. Determined only from Nebel, but probably elsewhere too. Recorded only between 2005-2007.

***Ulmus laevis***  
(European White-elm / Flatter-Ulme)  
Rare, planted. Roadside. One tree in Nebel, at a roadside. Recorded only between 2005-2007.

## CANNABINACEAE

***Humulus lupulus***  
(Hop / Hopfen)  
Rare, probably planted. Sandy embankment. On a embankment facing Nordstrand in Wittdün. Also near the mini-golf in Norddorf. Probably originally planted. First recorded 1954.

## URTICACEAE

***Urtica dioica***  
(Stinging Nettle / Große Brennessel)  
Common, Wastepplaces, woodland margins and roadsides. First recorded 1890.

***Urtica urens***  
(Small Nettle / Kleine Brennessel)  
Rare, archaeophyte. Disturbed ground in cattle pastures and Garden weed. First recorded 1890.

## FAGACEAE

***Castanea sativa***  
(Chestnut / Kastanie)  
Rare, sometimes planted. Conifer plantations. North of the lighthouse. Recorded only between 2005-2007.

***Quercus robur***  
(Pedunculate Oak / Stiel Eiche)  
Common, sometimes planted. Mature trees found in deciduous woodland and on heaths Also, saplings occasionally found on fixed dunes. First recorded before 1961.

***Quercus rubra***  
(Red Oak / Rot-Eiche)  
Uncommon, sometimes planted. Deciduous woodland and conifer plantations. Apparently planted, but also self seeded. Recorded only between 2005-2007.

***Fagus sylvatica***

(Beech / Buche)

Uncommon, planted. Mainly planted near buildings. Apparently not regenerating. Recorded only between 2005-2007.

**BETULACEAE**

***Alnus glutinosa***

(Alder / Schwarz-Erle)

Common, native. Damp woods and margins of ditches. Particularly between Steenodde and Wittdün. First recorded 1930.

***Alnus incana***

(Grey Alder / Grau-Erle)

Rare, planted. Damp woods and margins of ditches. Recorded only between 2005-2007.

***Betula pendula***

(Silver Birch / Weiss Birke)

Common, sometimes planted. Heaths, woodland, fixed dunes and dune slacks. Intermediate plants between *B. pubescens* and *B. pendula* were seen and it is therefore likely that the hybrid *B. x aurata* is also present on the island. Synonym *Betula verrucosa*. First recorded 1954.

***Betula pubescens***

(Brown Birch / Moor Birke)

Common, native. Boggy dune slacks. First recorded 1890.

***Corylus avellana***

(Hazel / Haselnuss)

Rare, planted. Deciduous woodland. Recorded only between 2005-2007.

**CHENOPODIACEAE**

***Atriplex glabriuscula***

(Babington's Orache / Kahle Melde)

First recorded 1913, last recorded 1954

***Atriplex laciniata***

(Frosted Orache / Gelappte Melde)

First recorded 1860, last recorded 1913

***Atriplex littoralis***

(Grass-leaved Orache / Strand-Melde)

Common, native. Saltmarsh and wasteplaces close to sea. Often associated with *Elytrigia* species. First recorded 1860.

***Atriplex longipes***

(Long-stalked Orache / Langstielige Melde)

Native. Recorded only 1954-1960

***Atriplex patula***

(Common Orache / Spreizende Melde)

Uncommon, Wasteplaces. Determined from a patch of wasteground south of Nebel, but certainly elsewhere also. First recorded 1899.

***Atriplex pedunculata***

(Pedunculate Sea-purslane / Stielfrüchtige Salzmelde)

First recorded 1860, last recorded between 1987-1992.

***Atriplex portulacoides***

(Sea-purslane / Strand-Salzmelde)

Common, native. Saltmarsh. First recorded 1825.

***Atriplex prostrata***

(Spear-leaved Orache / Spieß-Melde)

Common, native. Saltmarsh and wasteplaces. First recorded 1860.

***Bassia hirsuta***

First recorded 1826, last recorded between 1987-1992.

***Beta vulgaris* subsp. *maritima***

(Sea Beet / Wild-Rübe)

Rare, native. Strandline. A single plant, not flowering was found growing at the upper most strandline on the beach. Very rare in Schleswig-Holsteins and probably only casual. Recorded only between 2005-2007.

***Chenopodium album* agg.**

(Fat Hen / Weisser Gänsefuss)

Common, Wasteplaces. First recorded 1930.

***Chenopodium murale***

(Nettle-leaved Goosefoot / Mauer Gänsefuss)

***Chenopodium rubrum***

(Red Goosefoot / Roter Gänsefuss)

Uncommon, Upper saltmarsh, Strandline and wasteplaces. First recorded 1956.

***Chenopodium suecicum***

(Swedish Goosefoot / Grüner Gänsefuss)

Uncommon, introduced. Wasteplaces. First recorded between 1987-1992.

***Salicornia europaea* agg.**

(Glasswort / Queller)

Abundant, native. Saltmarsh. First recorded 1860.

***Salicornia procumbens* agg.**

(Glasswort / Queller)

First recorded between 1987-1992.

***Salsola kali* ssp. *kali***

(Saltwort / Salzkraut)

Uncommon, native. Sandy beaches. First recorded 1860.

***Suaeda maritima***

(Annual Sea-blite / Strand-Sode)

Common, native. Saltmarsh. First recorded 1860.

**PORTULACACEAE**

***Claytonia perfoliata***

(Spring Beauty / Claytonie)

Rare, introduced. Garden weed. Growing next to the pavement in the centre of Nebel. Also in a garden in Wittdün. Recorded only between 2005-2007.

***Claytonia sibirica***

(Pink Purslane / Sibirischer Winterportulak)

Rare, introduced. Garden weed. Inside the boundaries of a wild garden in Heide. Also, in Suddorf. Recorded only between 2005-2007.

**CARYOPHYLLACEAE**

***Agrostemma githago***

(Corncockle / Kornrade)

First recorded 1860, last recorded between 1960-1986

***Arenaria serpyllifolia* ssp. *serpyllifolia***

(Thyme-leaved Sandwort / Quendelblättriges Sandkraut)

Uncommon, Sandy Tracks. West of Wittdün. A glandular form was also found on sand at the high tide mark. First recorded 1860.

***Cerastium arvense***

(Field Mouse-ear / Acker-Hornkraut)

Uncommon, native. Road verges and grassland. First recorded 1915.

***Cerastium diffusum***

(Sea Mouse-ear / Viermänniges Hornkraut)

Synonym *Cerastium tetrandrum*. First recorded 1886, last recorded between 1987-1992.

***Cerastium fontanum* ssp. *vulgare***

(Common Mouse-ear / Gewöhnliches Hornkraut)

Common, native. Verges, grassland and wasteplaces. Synonym *Cerastium caespitosum*. Some large flowered plants growing in saltmarsh on the western shore may be *Cerastium fontanum* ssp. *holosteoides*. First recorded 1860.

***Cerastium glomeratum***

(Sticky Mouse-ear / Knäuel-Hornkraut)

Uncommon, native. Wasteplaces. Recorded only between 2005-2007.

***Cerastium pumilum***

(Dwarf Mouse-ear / Dunkles Zerg-Hornkraut)

First recorded 1942, last recorded between 1987-1992.

***Cerastium semidecandrum***

(Little Mouse-ear / Sand-Hornkraut)  
Common, native. Fixed dunes. First recorded 1860.

***Cerastium tomentosum***

(Snow-in-summer / Filziges Hornkraut)  
Uncommon, introduced. On embankments and fixed dunes. Generally close to houses from where it has presumably escaped. Recorded only between 2005-2007.

***Dianthus carthusianorum***

Rare, Grassland. Several plants seen in field margin to the east of Norddorf. Also, seen in a garden in Nebel, but there it is apparently cultivated. First recorded 1825.

***Dianthus deltoides***

(Maiden Pink / Heidenelke)  
Uncommon, native. Short grazed grass on sandy soil. First recorded 1949.

***Honckenya peploides***

(Sea Sandwort / Salzmiere)  
Abundant, native. Sandy saltmarsh and sandy beaches. First recorded 1860.

***Lychnis flos-cuculi***

(Ragged Robin / Kuckucks-Lichtnelke)  
Uncommon, native. Wet pasture and banks of ditches. North of Norddorf and near sewage works at Steenodde. First recorded 1860.

***Sagina apetala***

(Ciliate Pearlwort / Kleinblütiges Mastkraut)  
Common, Pavement cracks, tracks and roadsides. Recorded only between 2005-2007.

***Sagina maritima***

(Sea Pearlwort / Strand-Mastkraut)  
Common, native. Dune slacks. First recorded 1860.

***Sagina nodosa***

(Knotted Pearlwort / Knotiges Mastkraut)  
Rare, native. Dune slacks. Found only on very small dunes, within larger dune slack. These large slacks separate the foredunes from main dune system. First recorded 1860.

***Sagina procumbens***

(Common Pearlwort / Niederliegendes Mastkraut)  
Common, native. Lawns, pavement cracks, wet dune slacks and grazed short turf. First recorded 1825.

***Sagina subulata***

(Heath Pearlwort / Pfriemen-Mastkraut)  
First recorded 1925, last recorded between 1987-1992.

***Saponaria officinalis***

(Soapwort / Seifenkraut)  
First recorded before 1961, last recorded between 1987-1992.

***Scleranthus annuus***

(Knawel / Einjähriger Knäuel)  
Common, Wasteplaces and a weed of Arable crops. First recorded 1860.

***Scleranthus perennis***

(Perennial Knawel / Ausdauernder Knäuel)  
Uncommon, native. Short grazed turf. Seen in horse grazed pastures and rabbit grazed field margins. First recorded 1860.

***Scleranthus annuus x perennis***

First recorded 1913, last recorded 1956

***Silene dioica***

(Red Campion / Rotes Leimkraut)  
Rare, Margins of woodlands. Two plants seen in two different locations. Synonym *Melandrium rubrum*. First recorded before 1961.

***Silene latifolia***

(White Campion / Weiße Nachtnelke)  
Common, Wasteplaces, a weed of Arable crops and on roadsides. Synonym *Melandrium album*. First recorded 1890.

***Silene nutans***

(Nottingham Catchfly / Nickendes Leimkraut)  
First recorded before 1961, last recorded between 1960-1986

***Silene otites***

(Spanish Catchfly / Ohrlöffel-Leimkraut)  
Rare, native. In grassland on sandy soil. Next to a track north of Norddorf. First recorded 1821.

***Silene vulgaris***

(Bladder Campion / Aufgeblasenes Leimkraut)  
Uncommon, Wasteplaces and roadsides. Wittdün. Synonym *Silene inflata*. First recorded 1860.

***Spergularia arvensis***

(Corn Spurrey / Acker-Spark)  
Common, archaeophyte. Wasteplaces and a weed of Arable crops. First recorded 1860.

***Spergularia marina***

(Sea Spurry / Salz Schuppenmiere)  
Common, native. Saltmarsh behind foredunes. Synonym *Spergularia salina*. First recorded 1860.

***Spergularia media***

(Perennial Sea Spurry / Flügelsamige Spärkling, Flügelsamige Schuppenmiere.)  
Common, native. Saltmarsh. Synonym *Spergularia marginata*. First recorded 1860.

***Spergularia rubra***

(Red Spurrey / Roter Spärkling)  
Common, Heath, pavement cracks, tracks and roadsides. Always on well trodden ground. First recorded 1860.

***Stellaria graminea***

(Lesser Stitchwort / Gras-Sternmiere)  
Common, native. Grassland, roadsides and meadows. First recorded 1890.

***Stellaria media***

(Chickweed / Vogel-Sternmiere)  
Common, Wasteplaces, agricultural weed, tracks and woodland margins. First recorded 1860.

***Stellaria pallida***

(Lesser Chickweed / Bleiche Vogelmiere)  
Uncommon, native. On bare patches of sandy soil. Found once north-west of Nebel, but easily overlooked and probably elsewhere. First recorded between 1987-1992.

## POLYGONACEAE

***Fagopyrum tataricum***

(Tartary Buckwheat / Tataren-Buchweizen)

***Fallopia convolvulus***

(Black-bindweed / Winden-knöterich)  
Common, archaeophyte. Wasteplaces and a weed of Arable crops. First recorded 1890.

***Fallopia japonica***

(Japanese Knotweed / Japan-Staudenknöterich)  
Rare, introduced. Wasteplaces. Three small stems growing out of a pile of straw on the western side of Allunn. Either they were dumped with the straw or perhaps the straw was dumped to destroy the *Fallopia*. First recorded between 1987-1992.

***Persicaria amphibia***

(Amphibious Bistort / Wasser-knöterich)  
Rare, native. Ponds in dune slacks. Wriakhörnsee, pond near Vogelkoje NW of Nebel, behind dunes. First recorded 1887.

***Persicaria lapathifolia***

(Pale *Persicaria* / Ampfer-Knöterich)  
Common, archaeophyte. Agricultural weed, fallow and wasteplaces. First recorded 1890.

***Persicaria maculosa***

(Redshank / Floh-Knöterich)  
Uncommon, archaeophyte. Fallow. Found several plants on one small area north-west of Nebel. Normally a common agricultural weed, but not at all common on Amrum. First recorded 1913.

***Polygonum aviculare***

(Knotgrass / Eigentlicher-Vogelknöterich)  
Abundant, Arable weed, wastelaces, sometime very close to sea. First recorded 1860.

***Rumex acetosa***

(Sorrel / Ampfer)  
Common, native. Meadows, pasture and roadsides. First recorded 1860.

***Rumex acetosella***

(Sheep's Sorrel / Kleiner Sauerampfer)  
Common, native. Heath, pasture and fallow. First recorded 1860.

***Rumex crispus ssp. crispus***

(Curled Dock / Krauser Ampfer)  
Common, native. Wastelaces, roadsides and grassland. First recorded 1913.

***Rumex crispus ssp. littoreus***

(Curled Dock / Krauser Ampfer)  
Common, native. Beaches and upper saltmarshes. First recorded 1913.

***Rumex hydrolapathum***

(Water Dock / Fluß Ampfer)  
Rare, native. Banks of fresh water lake and wet dune slack. Wriakhörnsee. First recorded 1899.

***Rumex maritimus***

(Golden Dock / Gold Ampfer)  
Rare, native. Banks of a pond. Western Vogelkoje. First recorded 1933.

***Rumex obtusifolius***

(Broad-leaved Dock / Stumpfblättriger Ampfer)  
Common, native. Fallow, wastelaces and tracksides. First recorded 1913.

***Rumex x pratensis (Rumex crispus x obtusifolius)***

Uncommon, native. Wastelaces. Recorded only between 2005-2007.

**PLUMBAGINACEAE**

***Armeria maritima ssp. elongata***

(Thrift / Gemeine Grasnelke)  
native. Recorded only between 1987-1992.

***Armeria maritima ssp. maritima***

(Thrift / Gemeine Grasnelke)  
Abundant, native. Saltmarsh, meadows and roadsides. First recorded 1860.

***Limonium vulgare***

(Common Sea-lavender / Gewöhnlicher Strandnelke)  
Common, native. Saltmarsh. First recorded 1821.

**CLUSIACEAE**

***Hypericum humifusum***

(Trailing St John's-wort / Niederliegendes Johanniskraut)  
Recorded only 1858

***Hypericum perforatum***

(Perforate St John's-wort / Tüpfel-Johanniskraut)  
Uncommon, Roadsides and wastelaces. First recorded 1860.

***Hypericum pulchrum***

(Slender St John's-wort / Schönes Johanniskraut)  
Recorded only 1887

**TILIACEAE**

***Tilia cordata***

(Small-leaved Lime / Winterlinde)  
Uncommon, planted. Woodland. The Bergwald projekt ([www.bergwaldprojekt.de](http://www.bergwaldprojekt.de)) has been planting this non-native tree on the island. They seem to think that alien deciduous trees are preferable to alien conifers. Recorded only between 2005-2007.

**MALVACEAE**

***Alcea rosea***

(Hollyhock / Stockrose)  
Uncommon, introduced. Wastelaces. Rarely more than one or two plants at any site, but it was found at several place across the island. Recorded only between 2005-2007.

***Malva moschata***

(Musk Mallow / Moschus-Malve)  
Uncommon, Roadsides and wastelaces. Recorded only between 2005-2007.

***Malva neglecta***

(Dwarf Mallow / Gänsemalve)  
Uncommon, archaeophyte. Wastelaces, gardens and roadsides. Nebel and Norddorf. First recorded 1860.

***Malva sylvestris***

(Common Mallow / Wilde Malve)  
Uncommon, archaeophyte. Fallow, pavement cracks and wastelaces. Never more than a few plants seen at one place, but seen in several places. First recorded 1895.

**DROSERACEAE**

***Drosera rotundifolia***

(Round-leaved Sundew / Rundblättriger Sonnentau)  
Uncommon, native. Boggy dune slacks. First recorded 1860.

***Drosera intermedia***

(Oblong-leaves Sundew / Mittlerer Sonnentau)  
Rare, native. Boggy dune slacks. First recorded 1860.

**VIOLACEAE**

***Viola arvensis***

(Field Pansy / Acker-Stiefmütterchen)  
Rare, archaeophyte. Agricultural land. Found as a weed of a maize crop. First recorded 1860.

***Viola canina ssp. canina***

(Heath Dog-violet / Hunds-Veilchen)  
Common, native. Dunes. First recorded 1860.

***Viola palustris ssp. palustris***

(Bog Violet / Sumpf-Veilchen)  
Rare, native. Boggy dune slacks. First recorded 1890.

***Viola riviniana***

(Common Dog-violet / Hain-Veilchen)  
Rare, introduced. First recorded 1930.

***Viola tricolor***

(Wild Pansy / Wildes Stiefmütterchen)  
Abundant, native. Agricultural land, fallow and dunes. First recorded 1860.

***Viola x wittrockiana***

(Garden Pansies / Stiefmütterchen)  
Rare, introduced. Pavement cracks. A garden escape. Recorded only between 2005-2007.

**CUCURBITACEAE**

***Bryonia dioica***

(White Bryony / Rotebeerige Zaunrübe)  
Rare, native. Woodland. A single plant in a woodland margin. Probably a recent colonist. Recorded only between 2005-2007.

**SALICACEAE**

***Populus tremula***

(Aspen / Aspe)  
Common, Woodland, regenerating in conifer plantations. First recorded 1890.

***Populus alba***

(White Poplar / Weiss Pappel)  
Common, introduced. Woodland margins and dunes. Often found as a shrub and spreading by suckers to form a thicket. Recorded only between 2005-2007.

***Populus x canescens***

(Grey Poplar / Grau-Pappel)  
Uncommon, probably planted. Woodland. Recorded only between 2005-2007.

***Salix alba***

(White Willow / Silberweide)  
Recorded only 1895

***Salix cinerea***

(Grey Willow / Grauweide)  
Common, native. Identification confirmed by R.D. Meikle (2007). First recorded 1930.

***Salix aurita***

(Eared Willow / Ohrenweide)  
Uncommon, native. Identification confirmed by R.D. Meikle (2007). First recorded 1913.

***Salix daphnoides***

(European Violet-willow / Reifweide)  
Rare, planted. Planted near the docks in Wittdün. First recorded between 1960-1986.

***Salix hastata***

Recorded only between 1960-1986

***Salix pentandra***

(Bay Willow / Lorbeerweide)  
Rare, planted. Roadside. Three trees by a roadside south of Norddorf. First recorded between 1987-1992.

***Salix repens***

(Creeping Willow / Kriechweide)  
Abundant, native. Dunes, heaths and sometimes on rough meadows and roadsides. Identification confirmed by R.D. Meikle (2007). First recorded 1895.

***Salix viminalis***

(Osier / Korb-Weide)  
Rare, planted. Margins of woodlands. Near sewage works at Steenodde and in Norddorf. First recorded between 1987-1992.

***Salix cinerea x S. repens (S. x sebericea)***

Rare, native. Dune slacks. Identification confirmed by R.D. Meikle (2007). Recorded only between 2005-2007.

***Salix aurita x S. cinerea (Salix x multinervis)***

Common, native. Dune slacks. Recorded only between 2005-2007.

***Salix viminalis x S. repens (Salix x friesiana)***

Rare, native. Dune slacks. Identification confirmed by R.D. Meikle (2007). Recorded only between 2005-2007.

## BRASSICACEAE

***Alliaria petiolata***

(Garlic Mustard / Knoblauchsrauke)  
Common, Wasteplaces. Usually within the towns. Recorded only between 2005-2007.

***Arabidopsis thaliana***

(Thale Cress / Acker-Schmalwand)  
Common, Pavement cracks, roadsides and wasteplaces. On seawall in Norddorf. First recorded 1890.

***Arabis arenosa***

(Sand Rock-cress / Sand-Schaumkresse)  
Introduced. First recorded 1887, last recorded 1915

***Brassica rapa***

(Turnip / Rübsen)  
Recorded only 1860

***Brassica nigra***

(Black Mustard / Senf-Kohl)  
Introduced. First recorded 1860, last recorded 1958

***Cakile maritima***

(Sea Rocket / Meersenf)  
Uncommon, native. Sandy seashores and within fore dunes. First recorded 1860.

***Capsella bursa-pastoris***

(Shepherd's Purse / Gemeines Hirtentäschelkraut)  
Common, Pavement cracks, roadsides and wasteplaces. First recorded 1860.

***Cardamine flexuosa***

(Wavy Bitter Cress / Wald-Schaumkraut)  
Recorded only 1953

***Cardamine hirsuta***

(Hairy Bitter Cress / Vielstengeliges Schaumkraut)  
Uncommon, Wasteplaces. First recorded 1930.

***Cardamine pratensis***

(Lady's Smock / Wiesen-Schaumkraut)  
Probably Uncommon, native. On the banks of ditches. Only seen once near Wittdün, but it may have been overlooked elsewhere. First recorded 1899.

***Cochlearia danica***

(Danish Scurvygrass / Dänisches Löffelkraut)  
Uncommon, native. Seawall. First recorded 1860.

***Cochlearia officinalis agg.***

(Scurvygrass / Echtes Löffelkraut)  
Probably Common, native. Saltmarsh and seawall. First recorded 1895.

***Coronopus squamatus***

(Swinecress / Göwöhnlicher Krähenfuß)  
Recorded only 1825

***Descurainia sophia***

(Flixweed / Sophienkraut)  
Common, archaeophyte. Wasteplaces and fallow. First recorded 1890.

***Diplotaxis muralis***

(Annual Wall Rocket / Mauer-Doppelsame)  
Uncommon, introduced. Wasteplaces. First recorded 1930.

***Erophila verna***

(Whitlow Grass / Hungerblümchen)  
Uncommon, native. Wasteplaces. Near sewage works near Nebel and in Wittdüne, only seen twice, but it may have been overlooked elsewhere. First recorded 1860.

***Erysimum cheiranthoides***

(Treacle-mustard / Acker-Schotendotter)  
Introduced. First recorded 1947, last recorded between 1987-1992.

***Hesperis matronalis***

(Dame's Violet / Echte Nachtviole)  
Rare, introduced. Rough grassland. Found near a garden from which it is likely to have escaped. Recorded only between 2005-2007.

***Lepidium campestre***

(Field Pepperwort / Feld-Kresse)  
Common, archaeophyte. Roadsides and wasteplaces. First recorded 1954.

***Lepidium draba ssp. draba***

(Hoary Cress / Pfeilkresse)  
Introduced. First recorded 1954, last recorded between 1960-1986

***Lepidium ruderales***

(Narrow-leaved Pepperwort / Schutt-Kresse)  
Rare, casual. Bare, compacted soil used to park cars. Seen at one site in western Wittdün. First recorded 1860.

***Lobularia maritima***

(Sea Alyssum / Strandkresse)  
Rare, introduced. Pavement cracks, roadsides and wasteplaces. Usually within towns, often just single plants. First recorded 1936.

***Lunaria annua***

(Honesty / Einjähriges Silberblatt)  
Rare, introduced. Wasteplaces. Self sown near a garden in Wittdün. Recorded only between 2005-2007.

**Raphanus raphanistrum**

(Wild Radish / Hederich)  
 Uncommon, Roadsides and wasteplaces. First recorded 1860.

**Raphanus sativus**

(Garden Radish / Radieschen)  
 Rare, introduced. Wasteplaces. Recorded only between 2005-2007.

**Rorippa amphibia**

(Great Yellow-cress / Wasser-Sumpfkresse)  
 Recorded only between 1960-1986

**Rorippa palustris**

(Marsh Yellow-cress / Gewöhnliche Sumpfkresse)  
 First recorded 1930, last recorded between 1960-1986

**Rorippa sylvestris**

(Creeping Yellow-cress / Wilde Sumpfkresse)  
 Rare, introduced. Earthen seawall. Only one patch in Steenodde. First recorded 1930.

**Sinapis arvensis**

(Charlock / Acker-Senf)  
 Common, Wasteplaces, agricultural weed and tracks. First recorded 1860.

**Sisymbrium altissimum**

(Tall Rocket / Hohe Rauke)  
 Common, introduced. Wasteplaces and fallow. First recorded 1954.

**Sisymbrium officinale**

(Hedge Mustard / Weg-Rauke)  
 Abundant, introduced. Wasteplaces, agricultural weed, tracks and woodland margins. First recorded 1860.

**Subularia aquatica**

(Awlwort / Pfriemenkresse)  
 Recorded only 1890

**Teesdalia nudicaulis**

(Shepherd's cress / Bauernsenf)  
 Common, native. Fixed dunes and disturbed ground on heaths. First recorded 1895.

**Thlaspi arvense**

(Field Penny Cress / Acker-Pfennigkraut)  
 Common, archaeophyte. Wasteplaces and fallow. First recorded 1930.

## RESEDACEAE

**Reseda lutea**

(Wild Mignonette / Gelbe Resede)  
 Rare, introduced. Wasteplaces. Disturbed ground near sewage works at Nebel. Also occasional plants in Norddorf and Wittdün. First recorded 1913.

**Reseda luteola**

(Dyer's Rocket / Färber-Wau)  
 Rare, casual. Wasteplaces. Disturbed ground near sewage works at Nebel. Recorded only between 2005-2007.

## ERICACEAE

**Calluna vulgaris**

(Ling / Besenheide)  
 Abundant, native. Heaths and dune slacks. First recorded 1860.

**Empetrum nigrum**

(Crowberry / Schwarze Krähenbeere)  
 Abundant, native. Heaths and dune slacks. Often the dominant species on heaths. First recorded 1860.

**Erica tetralix**

(Cross-leaved Heath / Glocken Heide)  
 Common, native. Damp areas in heaths and dune slacks. First recorded 1860.

**Vaccinium macrocarpon**

(American Cranberry / Großfrüchtige Moosbeere)  
 introduced. Recorded only between 1987-1992.

**Vaccinium oxycoccos**

(Cranberry / Moosbeere)  
 Uncommon, native. Boggy dune slacks. Found in two slacks to the north of Norddorf and in the area of the Wriakhörnsee. Never abundant. First recorded 1860.

**Vaccinium uliginosum**

(Bog Whortleberry / Echte Moorbeere)  
 Common, native. Heaths and dune slacks. First recorded 1860.

**Vaccinium vitis-idaea**

(Cowberry / Preiselbeere)  
 Probably a mistake and has never existed on Amrum (Buchenau 1887). First recorded 1876, last recorded 1887

## PYROLACEAE

**Pyrola minor**

(Common Wintergreen / Kleines Wintergrün)  
 Common, native. Dune slacks and under *Betula pendula* in plantations. First recorded 1890.

## PRIMULACEAE

**Anagallis arvensis**

(Scarlet Pimpernel / Acker-Gauchheil)  
 Uncommon, archaeophyte. Fallow fields, disturbed ground in heaths and arable weed. First recorded 1825.

**Anagallis minima**

(Chaffweed / Acker-Klienling)  
 Rare, native. Dune slacks. Synonym *Centunculus minimus*. First recorded 1887.

**Glax maritima**

(Sea Milkwort / Milchkraut)  
 Abundant, native. Saltmarsh. First recorded 1860.

**Hottonia palustris**

(Water-violet / Wasserfeder)  
 Recorded only 1930

**Lysimachia punctata**

(Dotted Loosestripe / Punktierter Gilbweiderich)  
 Uncommon, introduced. Wasteplaces and roadsides. Usually near houses. Recorded only between 2005-2007.

**Trientalis europaea**

(Chickweed-wintergreen / Europäischer Siebenstern)  
 Rare, native. Heaths and dune slacks. First recorded 1958.

## GROSSULARIACEAE

**Ribes nigrum**

(Black Currant / Schwarze Johannisbeere)  
 Rare, introduced. Margins of woodlands. Wittdün and Norddorf. First recorded 1930.

**Ribes rubrum**

(Red Currant / Rote Johannisbeere)  
 Rare, introduced. Margins of woodlands. On the Waldweg. Recorded only between 2005-2007.

**Ribes sanguineum**

(Flowering Current / Blut-Johannisbeere)  
 Rare, introduced. Margins of woodlands. A garden escape. Recorded only between 2005-2007.

**Ribes uva-crispa**

(Gooseberry / Stachelbeere)  
 Rare, introduced. A garden escape. Recorded only between 2005-2007.

## CRASSULACEAE

**Sedum acre**

(Wall Pepper / Scharfe Fetthenne)  
 Common, Wasteplaces, roadsides, dunes, bare sandy soil and embankments. First recorded 1860.



***Sedum album***

(White Stonecrop / Weißer Mauerpfeffer)  
Rare, introduced. Wastepaces near gardens. Often seen on embankments surrounding houses, but only rarely outside gardens. Recorded only between 2005-2007.

***Sedum telephium***

(Orpine / Purpur-Fetthenne)  
First recorded 1947, last recorded between 1960-1986

## SAXIFRAGACEAE

***Saxifraga granulata***

(Meadow Saxifrage / Körnchen-Steinbrech)  
First recorded 1889, last recorded between 1987-1992.

## ROSACEAE

***Alchemilla mollis***

(Lady's-mantle / Weicher Frauenmantel)  
Uncommon, introduced. Embankment and woodland margins. Recorded only between 2005-2007.

***Aphanes arvensis***

(Parsley-piert / Gewöhnlicher Ackerfrauenmantel)  
Recorded only 1860

***Aphanes australis***

(Slender Parsley-piert / Kleinfrüchtiger Frauenmantel)  
Uncommon, archaeophyte. Fallow fields, disturbed ground in heaths and arable weed. First recorded 1954.

***Cotoneaster sp.***

(Cotoneaster / Zwergmispel)  
Uncommon, introduced. Woodland. Many small bushes and seedlings can be found in the woods on Amrum, presumably spread by birds from gardens. They are likely to become more common the future. With neither fruit nor berries these are unidentifiable to species. Recorded only between 2005-2007.

***Crataegus monogyna***

(Hawthorn / Eingrifflicher Weißdorn)  
Common, planted. Woodland, hedges and margins of plantations. First recorded 1947.

***Crataegus laevigata***

(Midland Hawthorn / Zweigrifflicher Weißdorn)  
First recorded 1958, last recorded between 1987-1992.

***Fragaria vesca***

(Wild Strawberry / Wald-Erdbeere)  
Rare, native. Margins of woodlands. A few scattered plants at the margin of a track near Großdüne. First recorded 1956.

***Fragaria x ananassa***

(Garden Strawberry / Erdbeere)  
Uncommon, introduced. Wastepaces. Seen in three sites about the island. Once almost on the seashore. Recorded only between 2005-2007.

***Geum urbanum***

(Wood Avens / Echte Nelkenwurz)  
Rare, Roadsides. Recorded only between 2005-2007.

***Malus sylvestris***

(Crab Apple / Wild-Apfel)  
First recorded 1954.

***Potentilla anglica***

(Trailing Tormentil / Englisches Fingerkraut)  
Recorded only before 1961

***Potentilla anserina***

(Silverweed / Gänse Fingerkraut)  
Common, native. Short turf, upper saltmarsh and wastepaces. First recorded 1860.

***Potentilla argentea***

(Hoary Cinquefoil / Silber-Fingerkraut)  
Uncommon, Wastepaces and compacted soil on paths and tracks. First recorded 1890.

***Potentilla erecta***

(Common Tormentil / Aufrechtes Fingerkraut)  
Uncommon, native. Short turf on damp areas of heaths and dune slacks. First recorded 1890.

***Potentilla norvegica***

(Ternate-leaved Cinquefoil / Norwegisches Fingerkraut)  
First recorded 1941, last recorded 1954

***Potentilla palustris***

(Marsh Cinquefoil / Sumpf-Blutauge)  
Uncommon, native. Dune slacks, marsh and ponds. First recorded 1887.

***Potentilla recta***

(Upright Cinquefoil / Hohes Fingerkraut)  
Rare, introduced. Field margin. Near windmill in Nebel, Also, one plant in Norddorf. First recorded 1925.

***Potentilla reptans***

(Creeping Cinquefoil / Kriechendes Fingerkraut)  
Rare, introduced. Garden weed. One plant in a lawn in Norddorf. Recorded only between 2005-2007.

***Prunus avium***

(Wild Cherry / Kirschbaum)  
Rare, planted. Woodland. Two trees found in two different places not far from Nebel. Recorded only between 2005-2007.

***Prunus domestica***

(Wild Plum / Zwetschgenbaum)  
Rare, probably planted. Margins of woodlands. One tree found next to a track in western Nebel. Recorded only between 2005-2007.

***Prunus serotina***

(Rum Cherry / Späte Trauben-Kirsche)  
Abundant, introduced. Deciduous woodland, conifer plantations, heath and fixed dunes. Probably, the commonest tree on the island. This highly invasive introduction now dominates the ground underneath pine plantations. First recorded between 1987-1992.

***Prunus spinosa***

(Sloe / Schlehe)  
Rare, Heath. First recorded between 1987-1992.

***Pyrus pyraeaster***

(Wild Pear / Holz-birne)  
Rare, introduced. Tracksides. One mature tree north-west of Wittdün. Recorded only between 2005-2007.

***Rosa caesia ssp. caesia***

(Hairy Dog Rose / Lederblättrige Rose)  
Synonym *Rosa coriifolia*. First recorded 1954, last recorded between 1987-1992.

***Rosa caesia ssp. glauca***

(Glaucous Dog-rose / Blaugüne Rose)  
Synonym *Rosa vosagiaca*. First recorded 1913, last recorded 1958

***Rosa canina***

(Dog Rose / Hunds-Rose)  
Common, native. Margins of woodland, field margins and roadsides. First recorded 1890.

***Rosa cultivar***

(Rose / Rose)  
Rare, introduced. Wastepaces. With other garden plants that have apparently been abandoned on some wasteground. Recorded only between 2005-2007.

***Rosa obtusifolia***

Rare, Fixed Dunes. Near the northern end of the Norddorf seawall. Recorded only between 2005-2007.

***Rosa pimpinellifolia***

(Burnet Rose / Bibernellrose)  
Rare, Roadside. One patch found by the side of the road in Süddorf. This species is apparently a protected species in this region though I never found in a natural setting. First recorded 1911.

**Rosa rubiginosa**

(Sweet Briar / Weinrose)

Rare, native. Margins of a plantation. Several plants seen north-west of Nebel, by the Waldweg. Synonym *Rosa eglanteria*. First recorded 1895.

**Rosa rugosa**

(Japanese Rose / Kartoffelrose)

Abundant, introduced. Dunes, woodland margins, roadsides and wastelands. First recorded between 1987-1992.

**Rubus caesius**

(Dewberry / Bockbeere)

Common, native. Road and tracksides. First recorded 1860.

**Rubus idaeus**

(Raspberry / Himbeere)

Uncommon, Margins of woodlands. First recorded 1958.

**Rubus subgen. Rubus**

(Bramble / Brombeere)

Common, Margins of woodland, field margins and roadsides. For a description of the *Rubus* flora of Amrum I defer to Kollmann (1998). He found the following species on the island in order of frequency; *Rubus laciniatus*, *Rubus armeniacus*, *Rubus langei*, *Rubus plicatus*, *Rubus rudis*, *Rubus wahlbergii* and *Rubus slesvicensis*. Recorded only between 2005-2007.

**Sanguisorba minor ssp. muricata**

(Salad Burnet / Kleiner Wiesenknopf)

Uncommon, introduced. Roadside. Two plants found next to the main road in Süddorf. Also, in lawns near the Church in Wittdün. Recorded only between 2005-2007.

**Sorbus aucuparia**

(Rowan / Gemeine Eberesche)

Abundant, Woodland. First recorded 1913.

**Sorbus intermedia**

(Swedish Whitebeam / Schwedische Eberesche)

Common, Woodland. Recorded only between 2005-2007.

## FABACEAE

**Anthyllis vulneraria**

(Kidney Vetch / Gemeiner Wundklee)

Uncommon, native. Grassland, roadsides and meadows. Never abundant, but several sites exist. First recorded 1860.

**Cytisus scoparius**

(Broom / Besenginster)

Common, native. Rough ground and field margins. First recorded 1825.

**Genista anglica**

(Petty Whin / Englischer Ginster)

Uncommon, native. Heaths within dune system. First recorded 1860.

**Genista pilosa**

(Hairy Greenweed / Behaarter Ginster)

First recorded 1860, last recorded between 1987-1992.

**Genista tinctoria**

(Dyer's Greenweed / Färberginster)

Rare, native. Meadow. First recorded 1825.

**Lathyrus japonicus**

(Sea Pea / Strand-Platterbse)

Uncommon, native. Beaches and other sandy places by the sea. Most abundant on Steenoder beach, but also in Wittdün. First recorded 1860.

**Lathyrus pratensis**

(Yellow Meadow Vetchling / Wiesen Platterbse)

Common, native. Grassland, roadsides and meadows. First recorded 1914.

**Lotus corniculatus**

(Bird's-foot Trefoil / Wiesen Schotenklee)

Common, native. Heaths, dune slacks, short turf and meadows. First recorded 1860.

**Lotus glaber**

(Narrow-leaved Bird's-foot Trefoil / Schmalblatt-Hornklee)

Rare, Meadows. First recorded 1860.

**Lotus pedunculatus**

(Marsh Bird's-foot Trefoil / Sumpf-Hornklee)

Common, native. Marsh, wet dune slacks, reed beds and ditches. First recorded 1895.

**Lupinus angustifolius**

(Narrow-leaved Lupin / Schmalblättrige Lupine,)

Rare, casual. Fallow. At least 20 plants on one small patch of fallow land, north-west of Nebel. Recorded only between 2005-2007.

**Lupinus x regalis**

(Lupin / Vielblättrige Lupine)

Rare, Meadow. One plant in Süddorf, behind School. Recorded only between 2005-2007.

**Medicago lupulina**

(Black Medick / Hopfen-Schneckenklee)

Common, Wastelands, grassland and roadsides. First recorded 1895.

**Medicago sativa**

(Lucerne / Luzerne)

introduced. First recorded between 1987-1992.

**Melilotus officinalis**

(Ribbed Melilot / Gebräuchlicher Honigklee)

Rare, introduced. Wastelands. First recorded 1929.

**Ononis repens**

(Restharrow / Kreichende Hauhechel)

Rare, Roadside. One plant on a roadside north of Norddorf. Recorded only between 2005-2007.

**Ononis spinosa**

(Spiny Restharrow / Dornige Hauhechel)

Rare, native. upper seashore, cliff. About 12 plants just south of Nebel. First recorded 1860.

**Ornithopus perpusillus**

(Least Bird's-foot / Kleiner Vogelfuß, )

Common, Heaths, meadows, roadsides and grassland. First recorded 1890.

**Robinia pseudoacacia**

(False-acacia / Scheinakazie)

Uncommon, sometimes planted. Woodland. Self sown in a number of places, but not abundant. Recorded only between 2005-2007.

**Trifolium arvense**

(Hare's-foot Clover / Hasen-Klee)

Abundant, Dunes, meadows, roadsides and tracks. First recorded 1860.

**Trifolium campestre**

(Hop Trefoil / Feldklee)

Uncommon, Wastelands and tracksides. First recorded 1860.

**Trifolium dubium**

(Lesser Trefoil / Faden-Klee)

Common, archaeophyte. Short turf and lawns. First recorded 1860.

**Trifolium fragiferum**

(Strawberry Clover / Erdbeer-Klee)

First recorded 1930, last recorded 1954

**Trifolium hybridum**

(Alsike Clover / Schweden-Klee)

Rare, introduced. Field margin. Only seen once near Allunn. Perhaps overlooked elsewhere. First recorded 1895.

**Trifolium incarnatum ssp. incarnatum**

(Crimson Clover / Inkarnat-Klee)

Rare, casual. Roadside. Several plants found on roadside in Süddorf, possibly introduced with lawn seed. Recorded only between 2005-2007.

***Trifolium pratense***

(Red Clover / Rot-Klee)  
Common, Pastures, meadows and roadsides. First recorded 1860.

***Trifolium repens***

(White Clover / Weiß-Klee)  
Abundant, native. Short turf, lawns and meadows. First recorded 1860.

***Trifolium striatum***

(Knotted Clover / Streifen-Klee)  
Rare, introduced. Rough grass at side of main road in Nebel. First recorded 1938.

***Ulex europaeus***

(Gorse / Stechginster)  
Rare, introduced. Eight bushes on wasteground near Klownehugh and one bush at a roadside near Suddorf. First recorded 1887.

***Vicia cracca***

(Tufted Vetch / Vogel-Wicke)  
Common, native. Wasteplaces, meadows and roadsides. First recorded 1890.

***Vicia hirsuta***

(Hairy Tare / Behaarte Wicke)  
Uncommon, archaeophyte. Wasteplaces, meadows and roadsides. First recorded 1860.

***Vicia lathyroides***

(Spring Vetch / Platterbsen-Wicke)  
First recorded 1913, last recorded between 1987-1992.

***Vicia sativa ssp. segetalis***

(Common Vetch / Schmalblättrige Futter-Wicke)  
Common, archaeophyte. Roadsides, wasteplaces, field margins. Other subspecies may also be present. First recorded 1860.

## ELAEAGNACEAE

***Hippophae rhamnoides***

(Sea-buckthorn / Sanddorn)  
Rare, planted. Recorded only between 2005-2007.

## LYTHRACEAE

***Lythrum salicaria***

(Purple Loosestrife / Blut-Weiderich)  
Rare, native. Banks of fresh water lake. Wriakhörnsee. First recorded 1860.

***Lythrum portula***

(Water Purslane / Sumpfquendel)  
Rare, native. Wet dune slacks. near Wriakhörnsee. First recorded 1860.

## ONAGRACEAE

***Epilobium ciliatum***

(American Willowherb / Drüsiges Weidenröschen)  
Common, introduced. Recorded only between 2005-2007.

***Epilobium hirsutum***

(Great Willowherb / Zottiges Weidenröschen)  
Common, Marsh, banks of ditches and damp dune slacks. First recorded before 1961.

***Epilobium montanum***

(Broad-leaved Willowherb / Berg-Weidenröschen)  
Common, Shady ditches, a garden weeds and woodland. First recorded between 1960-1986.

***Epilobium obscurum***

(Short-fruited Willowherb / Dunkelgrünes Weidenröschen)  
First recorded 1954.

***Epilobium palustre***

(Marsh Willowherb / Sumpf-Weidenröschen)  
Uncommon, native. Banks of fresh water lake. Wriakhörnsee. First recorded 1956.

***Epilobium parviflorum***

(Hoary Willowherb / Bach-Weidenröschen)  
Common, Woodland tracksides and beside ditches. First recorded 1913.

***Epilobium tetragonum***

(Square-stalked Willowherb / Vierkantiges Weidenröschen)  
Common, First recorded 1930.

***Epilobium x limosum (Epilobium parviflorum x montanum)***

Rare, Shady ditch. One plant found in the presence of both parents. Recorded only between 2005-2007.

***Chamerion angustifolium***

(Rosebay Willowherb / Schmalblättriges Weidenröschen)  
Common, native. Heaths, heavily grazed pasture, road and tracksides. First recorded 1930.

***Circaea lutetiana***

(Enchanter's Nightshade / Großes Hexenkraut)  
Rare, Woodland. One small patch, perhaps 5m across in a plantation north-west of Nebel. Probably, a recent colonist. Recorded only between 2005-2007.

***Oenothera biennis***

(Common Evening Primrose / Gewöhnliche Nachtkerze)  
Rare, introduced. The *Oenothera* on Amrum are often difficult to identify with certainty. Where mixed populations exist there is clear evidence of hybridization, but where individuals grow in the absence of other plants, it is difficult to ascertain the parentage with certainty.. First recorded 1887.

***Oenothera glazioviana***

(Large-flowered Evening Primrose / Rotgestreifte Nachtkerze)  
Uncommon, introduced. Wasteplaces and other sites with disturbed soil. First recorded 1887.

***Oenothera oakesiana***

(Oakes' Evening Primrose / Sand Nachtkerze)  
Uncommon, introduced. Referred to as *O. ammophila* in FdNFI, but I believe they refer to this species. First recorded 1930.

***Oenothera x fallax***

Uncommon, introduced. Wasteplaces. Only sometimes in the presence of *O. glazioviana*. First recorded 1930.

## HALORAGACEAE

***Myriophyllum alterniflorum***

(Alternate Water-milfoil / Wechselblütiges Tausendblatt)  
Recorded only 1860

***Myriophyllum spicatum***

(*Myriophyllum spicatum* / Ähren-Tausendblatt)  
Recorded only between 1987-1992.

## EUPHORBIACEAE

***Euphorbia helioscopia***

(Sun spurge / Sonnwendige wolfsmilch)  
Uncommon, archaeophyte. Garden weed and wasteplaces. First recorded 1890.

***Euphorbia peplus***

(Petty Spurge / Garten-Wolfsmilch)  
Uncommon, archaeophyte. Garden weed and wasteplaces. First recorded 1890.

## RHAMNACEAE

***Frangula alnus***

(Alder Buckthorn / Faulbaum)  
Rare, probably planted. Margins of a pine plantation. Two trees near Satteldüne, in the neighborhood of other species that may have been planted. There are also some saplings in woodland near by. Recorded only between 2005-2007.

## VITACEAE

### *Parthenocissus quinquefolia*

Rare, probably planted. Fixed dunes. One small plant near Satteldüne, with *Frangula alnus*. Also in Dunes north of Norddorf. Recorded only between 2005-2007.

## LINACEAE

### *Radiola linoides*

(Allseed / Zwerg-Lein)

Rare, native. Damp dune slacks with some disturbance. Found in vehicle ruts in a wet area near Wriakhörnsee. Also in sandy duneslacks behind foredunes. First recorded 1860.

## POLYGALACEAE

### *Polygala serpyllifolia*

(Heath Milkwort / Quendel-Kreuzblume)

Perhaps recorded in error for *Polygala vulgaris*. Recorded only 1954-1960

### *Polygala vulgaris* ssp. *vulgaris*

(Common Milkwort / Gewöhnliche Kreuzblume)

Uncommon, native. Heavily grazed short turf. First recorded 1890.

## HIPPOCASTANACEAE

### *Aesculus hippocastanum*

(Horse Chestnut / Rosskastanie)

Uncommon, planted. Woodland. Recorded only between 2005-2007.

## ACERACEAE

### *Acer campestre*

(Common Maple / Feld-Ahorn)

Uncommon, planted. Hedges. Recorded only between 2005-2007.

### *Acer platanoides*

(Norway Maple / Spitz-Ahorn)

Uncommon, Margins of woodlands. Recorded only between 2005-2007.

### *Acer pseudoplatanus*

(Sycamore / Berg Ahorn)

Common, Woodland and as an understory in pine plantations. First recorded 1954.

## OXALIDACEAE

### *Oxalis stricta*

(Upright Yellow Sorrel / Aufrechter Sauerklee)

Rare, introduced. Garden weed. Seen in two gardens in Norddorf. Recorded only between 2005-2007.

### *Oxalis corniculata*

(Yellow Sorrel / Hornfrüchtiger Sauerklee)

Rare, introduced. Pavement cracks. In Wittdün and Nebel. Recorded only between 2005-2007.

## GERANIACEAE

### *Erodium cicutarium*

(Storksbill / Reiher Schnabel)

Common, archaeophyte. Dunes, roadsides, wastepieces and pavement cracks. First recorded 1860.

### *Geranium dissectum*

(Cut-leaved Crane's-bill / Schlitzblättriger Storchnabel)

Rare, Cracks in concrete. Seawall, north-east of Norddorf. Recorded only between 2005-2007.

### *Geranium molle*

(Dove's foot Crane's-bill / Weicher Storchnabel)  
Common, archaeophyte. Wastepieces, grassland and pavement cracks. First recorded 1860.

### *Geranium pusillum*

(Small-flowered Crane's-bill / Zwerg-Storchnabel)  
First recorded 1860.

### *Geranium robertianum*

(Herb Robert / Stinkender Storchnabel)  
Uncommon, Woodland margins and under hedges. First recorded 1895.

## TROPAEOLACEAE

### *Tropaeolum majus*

(Nasturtium / Kapuzinerkresse)

Rare, casual. Dumped soil. A total of three plants found at two different sites. Recorded only between 2005-2007.

## BALSAMINACEAE

### *Impatiens parviflora*

(Small Yellow Balsam / Kleines Springkraut)

Rare, introduced. Margins of woodlands. Near Steenodde, in one small area only. Recorded only between 2005-2007.

## ARALIACEAE

### *Hedera helix*

(Ivy / Efeu)

Uncommon, Embankments, woodland margins and hedges. First recorded 1954.

## APIACEAE

### *Aegopodium podagraria*

(Ground Elder / Zaun-Giersch)

Common, Garden weed, roadsides and under hedges. First recorded 1954.

### *Aethusa cynapium*

(Fool's Parsley / Hundspetersilie)

First recorded 1954.

### *Anthriscus caucalis*

(Bur Chervil / Hunds-Kerbel)

First recorded 1899, last recorded between 1987-1992.

### *Anthriscus sylvestris*

(Cow Parsley / Wiesen-Kerbel)

Uncommon, native. Roadsides, field margins and woodland margins. First recorded 1890.

### *Apium graveolens*

(Wild Celery / Echter Sellerie)

### *Apium inundatum*

(Floating Marshwort / Flutender Sellerie)

Rare, native. Pond in cattle pasture. North of Norddune. First recorded 1958.

### *Bupleurum tenuissimum*

(Slender Hare's-ear / Salz-Hasenohr)

First recorded 1887, last recorded 1958

### *Carum carvi*

(Caraway / Kümmel)

introduced. First recorded 1930, last recorded between 1987-1992.

### *Caucalis platycarpos*

(Small Bur-parsley / Acker-Haltdolde)

Synonym *Caucalis daucoides*. First recorded 1915, last recorded 1958

### *Chaerophyllum temulum*

(Rough Chervil / Taumel-Kälberkropf)

Common, Garden weed, roadsides and under hedges. First recorded 1914.

*Cicuta virosa*  
(Cowbane / Wasserschieferling)  
Recorded only between 1960-1986

***Conium maculatum***  
(Hemlock / Gefleckter Schierling)  
Uncommon, archaeophyte. Disturbed ground. Seen in several places, but the largest amount was around Nebel sewage works. First recorded 1860.

***Coriandrum sativum***  
(Coriander / Koriander)  
casual. First recorded 1860, last recorded between 1987-1992.

***Daucus carota***  
(Wild Carrot / Mohrrübe)  
Common, Roadsides, tracks and field margins. First recorded 1930.

*Eryngium maritimum*  
(Sea-holly / Stranddistel)  
First recorded 1860, last recorded between 1960-1986

***Heracleum mantegazzianum***  
(Giant Hogweed / Riesen-Bärenklau)  
Rare, introduced. Garden weed. Seen growing on the earthen wall of one garden in Nebel. Potentially a invasive alien. First recorded 1860.

***Hydrocotyle vulgaris***  
(Marsh Pennywort / Wassernabel)  
Uncommon, native. Damp dune slacks and marsh. First recorded 1887.

***Pastinaca sativa***  
(Wild Parsnip / Pastinak)  
Rare, Wasteground. Only one plant, presumably a garden escape. First recorded 1887.

***Pimpinella saxifraga***  
(Burnet Saxifrage / Kleine Bibernelle)  
Uncommon, Meadows, road and tracksides. First recorded 1860.

## AQUIFOLIACEAE

***Ilex aquifolium***  
(Holly / Stechpalme)  
Uncommon, Plantations. Only small immature plants seen..  
Recorded only between 2005-2007.

## GENTIANACEAE

*Centaurium erythraea*  
(Common Centaury / Echtes Tausendgüldenkraut)  
Records for this species might refers to *Centaurium littorale*.  
Recorded only between 1960-1986

***Centaurium littorale***  
(Sea Centaury / Strand Tausendgüldenkraut)  
Rare, native. Banks of fresh water lake. Wriakhörnsee. First recorded 1895.

***Centaurium pulchellum***  
(Lesser Centaury / Zierliches Tausendgüldenkraut)  
Uncommon, native. Sand hummocks in saltmarsh between foredunes and main dune system. First recorded 1876.

***Gentiana pneumonanthe***  
(Marsh Gentian / Lungen-Enzian)  
Seen by Petersen, J. (2000) First recorded 1887, last recorded 2000.

## SOLANACEAE

***Datura stramonium***  
(Thorn-apples / Weißer Stechapel)  
Rare, First recorded 1913.

*Hyoscyamus niger*  
(Henbane / Schwarzer Bilsenfraut)  
First recorded 1913, last recorded 1926

***Lycium barbarum agg.***  
(Duke of Argyll's Teaplant / Gewöhlicher Bocksdom)  
Uncommon, introduced. Hedges. Always near gardens..  
First recorded 1895.

***Lycopersicon esculentum***  
(Tomato / Tomate)  
Rare, casual. First recorded 1895.

***Solanum dulcamara***  
(Woody Nightshade / Bittersüßer Nachtschatten)  
Common, native. Dune slacks, woodland margins, wastepplaces and field margins. First recorded 1952.

***Solanum nigrum***  
(Black Nightshade / Schwarzer Nachtschatten)  
Uncommon, Wastepplaces and cultivated land. First recorded 1890.

## CONVOLVULACEAE

***Convolvulus arvensis***  
(Lesser Bindweed / Ackerwinde)  
Common, Roadsides, field margins and sandy grassland areas near the sea. First recorded 1890.

***Calystegia sepium agg.***  
(Hedge Bindweed / Ufer-Zaunwinde)  
Rare, Garden weed and roadside. Found in Wittdün, Norddorf and Nebel, but never very much. First recorded 1890.

*Calystegia soldanella*  
(Sea Bindweed / Strandwinde)  
Recorded only 1904

## CUSCUTACEAE

***Cuscuta epithymum***  
(Dodder / Quendel-Seide)  
Rare, native. Fixed dunes, parasitic on *Calluna vulgaris* Over twenty plants were found over a small area This species is surprisingly rare considering that the host is so common on the island. First recorded 1860.

## MENYANTHACEAE

*Menyanthes trifoliata*  
(Bogbean / Fieberklee)  
First recorded 1930, last recorded between 1960-1986

## HYDROPHYLLACEAE

***Phacelia tanacetifolia***  
(Phacelia / Büschelschön)  
Uncommon, casual. Field margins, fallow and wastepplaces. Presumably introduced as a fallow crop, but it is unclear if it is naturalised or casual. Recorded only between 2005-2007.

## BORAGINACEAE

***Anchusa arvensis***  
(Bugloss / Acker-Krummhals)  
Common, archaeophyte. Agricultural weed, fallow and wastepplaces. First recorded 1895.

***Echium vulgare***  
(Viper's Bugloss / Blauer Natternkopf)  
Uncommon, archaeophyte. Sandy grassland and fixed dunes. Seen on several places in the south of the island. First recorded 1895.

*Lappula squarrosa*  
(Bur Forget-me-not / Kletten-Igelsame)  
First recorded 1913, last recorded 1954

***Myosotis arvensis***

(Field Forget-me-not / Vergißmeinnicht)  
 Uncommon, archaeophyte. Garden weed. Gardens in Nebel and Wittdün. First recorded 1914.

***Myosotis discolor***

(Changing Forget-me-not / Buntess Vergissmeinnicht)  
 First recorded 1954, last recorded between 1960-1986

***Myosotis laxa***

(Tufted Forget-me-not / Rasen-Vergissmeinnicht)  
 Uncommon, native. Ditches and pond margins. Ponds north of Norddune and around the Wriakhörnsee. First recorded 1954.

***Myosotis ramosissima***

(Early Forget-me-not / Rauhes Vergissmeinnicht)  
 Rare, Eroded, bare ground along a heathland track. Perhaps overlooked elsewhere. First recorded between 1960-1986.

***Myosotis scorpioides***

(Water Forget-me-not / Sumpff-Vergissmeinnicht)  
 Synonym *Myosotis palustris*. Seen by Petersen, J. (2000)  
 First recorded 1913, last recorded 2000.

***Myosotis stricta***

(Strict Forget-me-not / Sand-Vergissmeinnicht)  
 Rare, native. Dune slacks. First recorded 1954.

***Symphytum x uplandicum***

(Russian Comfrey / Gemeiner Beinwell)  
 In the Flora der Nordfriesischen Inseln (Christiansen, 1961) *S. asperum* is recorded for Amrum. Türk (1994) does not refer directly to this, but it seems as though he assumes that Christiansen was referring to this species. Certainly, *S. asperum* is a much rarer species. I saw one *Symphytum* species, but it was in too poor a condition to identify accurately. Recorded only 1954

## LAMIACEAE

***Ajuga reptans***

(Bugle / Kriech-Günsel)  
 Rare, Woodland margins. Recorded only between 2005-2007.

***Galeopsis tetrahit***

(Common Hempnettle / Stechender Hohlzahn)  
 Uncommon, Wastelaces and a garden weed. First recorded between 1987-1992.

***Glechoma hederacea***

(Ground Ivy / Efeu-Gundermann)  
 Uncommon, Damp shady ground. Recorded only between 2005-2007.

***Lamium strumarium ssp. argenteum***

(Yellow Archangel / Goldnessel)  
 Uncommon, Woodland. Close to gardens from where it will have escaped. Recorded only between 2005-2007.

***Lamium album***

(White Dead-nettle / Weiße Taubnessel)  
 Rare, introduced. Rough grassland. Around a bench in north-eastern Nebel. First recorded between 1987-1992.

***Lamium amplexicaule***

(Henbit / Stengelumfassende Taubnessel)  
 Uncommon, archaeophyte. Wastelaces and a garden weed. First recorded 1890.

***Lamium hybridum***

(Cut-leaved Dead-nettle / Eiggesschnittene Taubnessel)  
 Introduced. Recorded only between 1960-1986

***Lamium confertum***

(Northern Deadnettle / Gelappte Taubnessel)  
 First recorded 1890, last recorded 1954

***Lamium purpureum***

(Purple Dead-nettle / Purpurrote Taubnessel)  
 Uncommon, archaeophyte. Wastelaces and a garden weed. First recorded 1895.

***Lycopus europaeus***

(Gypsywort / Ufer-Wolfstrapp)  
 Uncommon, Margins of lake and wet dune slack. Wriakhörnsee. First recorded 1925.

***Mentha aquatica***

(Water Mint / Minze)  
 Uncommon, native. Margins of lake. First recorded 1895.

***Mentha arvensis***

(Corn Mint / Acker-Minze)  
 Rare, First recorded 1925.

***Mentha x verticillata (M. arvensis x aquatica)***

(Whorled Mint / Wirtel-Minze)  
 Recorded only 1956

***Origanum vulgare***

(Wild Marjoram / Dost)  
 Rare, introduced. Wastelaces and roadsides. Garden escapes. Recorded only between 2005-2007.

***Prunella vulgaris***

(Self-heal / Kleine Braunelle)  
 Common, native. Meadows, pasture and roadsides. First recorded 1895.

***Clinopodium acinos***

(Basil Thyme / Steinguendel)  
 First recorded 1956, last recorded between 1987-1992.

***Scutellaria galericulata***

(Skull-cap / Sumpff-Helmkraut)  
 Uncommon, native. Margins of lake and wet dune slack. Wriakhörnsee. First recorded 1890.

***Stachys palustris***

(Marsh Woundwort / Sumpff-Ziest)  
 Rare, Field margin. A few plants on east coast, between Nebel and Norddorf. First recorded 1942.

***Thymus serpyllum***

(Breckland Thyme / Sand-Thymian)  
 Uncommon, native. Short turf, heaths, fixed dunes and roadsides. First recorded 1890.

## CALLITRICHACEAE

***Callitriche brutia***

(Pedunculate Water-starwort / Stielfrüchtiger-Wasserstern)  
 Uncommon, native. Ditches. North of Norddorf. The *Callitriche* have undergone many changes in there species concepts and it is difficult to compare new and old records in this genus. *C. brutia* may be synonymous with the records of *Callitriche hamulata*. First recorded between 1960-1986.

***Callitriche cophocarpa***

(Water-starwort / Stumpfkantiger-Wasserstern)  
 Recorded only 1954

***Callitriche hamulata***

(Intermediate Water-starwort / Haken-Wasserstern)  
 First recorded 1954, last recorded between 1987-1992.

***Callitriche hermaphrodita***

(Autumnal Water-starwort / Herbst-Wasserstern)  
 First recorded 1954, last recorded between 1987-1992.

***Callitriche palustris***

First recorded 1930, last recorded 1954

***Callitriche stagnalis***

(Common Water-starwort / Teich-Wasserstern)  
 Uncommon, native. Ditches and wet ruts on forest tracks. Near sewage works close to Wittdün. First recorded 1913.

## PLANTAGINACEAE

***Littorella uniflora***

(Shoreweed / Strandling)  
 First recorded 1887, last recorded 1930

***Plantago coronopus***

(Buck's-horn Plantain / Schlitzblättriger Wegerich)  
Abundant, native. Short turf close to the sea, saltmarsh. First recorded 1860.

***Plantago arenaria***

(Branched Plantain / Sand-Wegerich)  
Introduced. Recorded only 1887

***Plantago lanceolata***

(Ribwort Plantain / Spitz-Wegerich)  
Abundant, native. Meadows, field margins, roadsides and wasteplaces. First recorded 1860.

***Plantago major ssp. major***

(Greater Plantain / Breitwegerich)  
Common, archaeophyte. Compacted soil on tracks, paths and lawns. First recorded 1860.

***Plantago maritima***

(Sea Plantain / Strand-Wegerich)  
Common, native. Saltmarsh. First recorded 1860.

## OLEACEAE

***Fraxinus excelsior***

(Ash / Gewöhnliche Esche)  
Uncommon, planted and self sown. Land boundaries. In towns and near houses. Recorded only between 2005-2007.

## SCROPHULARIACEAE

***Cymbalaria muralis***

(Ivy-leaved Toadflax / Zimbelkraut)  
Common, introduced. Walls. Many plants are planted on the earthen walls, particularly sedums. However, other species do not appear to have naturalised like this species. First recorded between 1987-1992.

***Digitalis purpurea***

(Foxglove / Roter Fingerhut)  
Uncommon, introduced. Heaths and disturbed ground in woodland. All specimen are very tall and variable in flower colour. I therefore suspect that they are derived from garden escapes and are probably not native. First recorded between 1960-1986.

***Euphrasia micrantha***

(Eyebright / Schlanker Augentrost)  
Recorded only 1954

***Euphrasia officinalis agg.***

(Eyebright / Hain-Augentrost)  
Common, native. Meadows. First recorded 1895.

***Euphrasia stricta***

(Eyebright / Steifer Augentrost)  
Uncommon, native. Wet dune slack. First recorded 1913.

***Linaria vulgaris***

(Toadflax / Gemeines Leinkraut)  
Common, archaeophyte. Fixed dunes, roadsides and heaths. First recorded 1930.

***Odontites vernus ssp. litoralis***

(Red Bartsia / Zahntrost)  
Uncommon, native. Grassland at upper saltmarsh. Allun. First recorded 1895.

***Odontites vernus ssp. vernus***

(Red Bartsia / Zahntrost)  
First recorded 1860, last recorded 1930

***Pedicularis sylvatica***

(Lousewort / Wald-Läusekraut)  
Uncommon, native. Margins of lake. Wriakhörnsee. First recorded 1860.

***Pedicularis palustris***

(Marsh Lousewort / Sumpf-Läusekraut)  
First recorded 1876, last recorded between 1987-1992.

***Rhinanthus angustifolius***

(Greater Yellow-rattle / Großes Klappertopf)  
First recorded 1860, last recorded between 1987-1992.

***Rhinanthus minor***

(Hayrattle / Kleiner Klappertopf)  
Abundant, native. Meadows and roadsides. First recorded 1825.

***Scrophularia nodosa***

(Common Figwort / Knotige Braunwurz)  
Rare, Margins of woodland tracks. A few plants along cycle track west of Wittdün. One plant on Waldweg near Satteldüne. First recorded 1860.

***Verbascum lychnitis***

(White Mullein / Mehliges Königskerze)  
First recorded 1895, last recorded 1954

***Verbascum nigrum***

(Dark Mullein / Schwarze Königskerze)  
Rare, casual. Disturbed ground. One plant near Schullandheim Bad Horn. Recorded only between 2005-2007.

***Verbascum sp.***

(Mullein / Königskerze)  
Rare, introduced. Wasteplaces near gardens and fixed dunes. At least two other species of *Verbascum* were seen, but the lack of flowers made them impossible to identify. Recorded only between 2005-2007.

***Verbascum thapsus***

(Common Mullein / Kleinblütige Königskerze)  
Rare, introduced. Wasteplaces. Süddorf. Recorded only between 2005-2007.

***Veronica arvensis***

(Wall Speedwell / Feld-Ehrenpreis)  
Uncommon, First recorded 1913.

***Veronica chamaedrys***

(Germander Speedwell / Gamander Ehrenpreis)  
First recorded 1930, last recorded between 1960-1986

***Veronica hederifolia ssp. hederifolia***

(Ivy-leaved Speedwell / Efeu-Ehrenpreis)  
First recorded 1913, last recorded between 1987-1992.

***Veronica officinalis***

(Heath Speedwell / Wald Ehrenpreis)  
Common, native. Short turf, pasture, heath, woodland margins, dune slacks. First recorded 1930.

***Veronica persica***

(Common Field-speedwell / Persischer Ehrenpreis)  
introduced. Recorded only between 1987-1992.

***Veronica scutellata***

(Marsh Speedwell / Schild-Ehrenpreis)  
First recorded 1887, last recorded between 1960-1986

***Veronica serpyllifolia ssp. serpyllifolia***

(Thyme-leaved Speedwell / Quendel-Ehrenpreis)  
Rare, Lawn and damp tracks in woodlands. Recorded only between 2005-2007.

***Veronica spicata***

(Spiked Speedwell / Ähriger Ehrenpreis)  
Rare, introduced. Steep sandy bank. Wittdün, presumably escaped from gardens. First recorded 1890.

## LENTIBULARIACEAE

***Pinguicula vulgaris***

(Common Butterwort / Gemeines Fettkraut)  
Introduced. Recorded only 1957

## CAMPANULACEAE

***Campanula rapunculoides***

(Creeping Bellflower / Rapunzel Glockenblume)  
Recorded only between 1960-1986

***Campanula rotundifolia***

(Harebell / Rundblättrige Glockenblume)  
Common, native. Meadows. First recorded 1860.

***Jasione montana***

(Sheep's bit / Berg-Sandglöckchen)  
Common, native. Heaths, fixed dunes and meadows. First recorded 1936.

**RUBIACEAE**

***Galium aparine***

(Cleavers / Kleb-Labkraut)  
Common, native. Gardens, wasteplaces and roadsides. First recorded 1930.

***Galium mollugo agg.***

(Hedge Bedstraw / Wiesen-Labkraut)  
Uncommon, native. Meadows and roadsides. First recorded 1913.

***Galium palustre ssp. palustre***

(Common Marsh-bedstraw / Sumpf-Labkraut)  
Uncommon, native. Wet dune slacks, banks of ponds and ditches. First recorded 1930.

***Galium saxatile***

(Heath bedstraw / Felsen-Labkraut)  
Uncommon, native. Heaths. Synonym *Galium hircynicum*. First recorded 1913.

***Galium verum***

(Lady's bedstraw / Echtes Labkraut)  
Common, native. Meadows, roadsides, heath and pasture. First recorded 1890.

***Galium x pomeranicum (G. mollugo x G. verum)***

Uncommon, native. Meadows and roadsides. First recorded 1890.

***Sherardia arvensis***

(Field Madder / Ackerrötte)  
First recorded 1860, last recorded 1930

**CAPRIFOLIACEAE**

***Linnaea borealis***

(Twinflower / Moosglöckchen)  
Recorded only 1954-1960

***Lonicera periclymenum***

(Honeysuckle / Deutsches Geißblatt)  
Common, native. Woods, plantations and scrub. First recorded 1930.

***Sambucus nigra***

(Elder / Schwarzer Holunder)  
Common, native. Hedges, dunes and woodland margins. First recorded 1860.

***Symphoricarpos albus***

(Snowberry / Schneebeere)  
Rare, introduced. Pine plantation. Seen in gardens, but only once in a plantation. First recorded 1930.

**VALERIANACEAE**

***Valerianella locusta***

(Common Cornsalad / Gemeiner Feldsalat)  
First recorded 1958, last recorded between 1987-1992.

**DIPSACACEAE**

***Dipsacus fullonum***

(Teasel / Wilde Karde)  
Rare, introduced. Wasteplaces. Car park margin, Nebel. Recorded only between 2005-2007.

***Knautia arvensis***

(Field Scabious / Acker-Witwenblume)  
Common, native. Meadows and roadsides. First recorded 1860.

***Succisa pratensis***

(Devil's-bit Scabious / Gemeiner Teufelsabbiss)  
First recorded 1890.

**ASTERACEAE**

***Achillea millefolium***

(Yarrow / Gemeine Schafgarbe)  
Abundant, native. Grassland of all kinds. First recorded 1860.

***Achillea ptarmica***

(Sneezewort / Sumpf-Schafgarbe)  
Recorded only 1934

***Antennaria dioica***

(Mountain Everlasting / Gewöhnliches Katzenpfötchen)  
First recorded 1860, last recorded 1954

***Anthemis arvensis***

(Corn Chamomile / Acker-Hundskamille)  
Common, Grassland, arable crops and field margins. First recorded 1934.

***Anthemis cotula***

(Stinking Chamomile / Stinkende Hundskamille)  
First recorded 1860, last recorded 1958

***Anthemis tinctoria***

(Yellow Chamomile / Färberhundskamille)  
Rare, casual. Wasteplaces. Perhaps a casual from bird seed or grass seed, but seen in two separate locations. First recorded 1860.

***Arctium minus***

(Lesser Burdock / Kleine Klette)  
Uncommon, archaeophyte. Field margins and roadsides. Never abundant in any one place, but seen in several places. First recorded 1899.

***Arnica montana***

First recorded 1895, last recorded between 1960-1986

***Arnoseris minima***

(Lamb's Succory / Lämmersalat)  
First recorded 1895, last recorded between 1987-1992.

***Artemisia absinthium***

(Wormwood / Wermut)  
First recorded 1895, last recorded between 1987-1992.

***Artemisia vulgaris***

(Mugwort / Beifuß)  
archaeophyte. First recorded 1825.

***Aster tripolium***

(Sea Aster / Strand-Aster)  
Common, native. Saltmarsh. First recorded 1913.

***Bellis perennis***

(Daisy / Großes Gänseblümchen)  
Uncommon, native. Lawns. First recorded 1860.

***Bidens cernua***

(Nodding Bur-marigold / Nickender Zweizahn)  
Rare, First recorded 1860.

***Bidens tripartita***

(Trifid Bur-marigold / Dreiteiliger Zweizahn)  
Rare, First recorded 1860.

***Carduus nutans***

(Musk Thistle / Nickende Distel)  
Recorded only between 1987-1992.

***Centaurea cyanus***

(Cornflower / Kornblume)  
Rare, archaeophyte. Wasteplaces and fallow. Two plants in rough ground near farm in Norddorf. First recorded 1890.

***Centaurea jacea***

(Brown Knapweed / Gemeine Flockenblume)  
First recorded 1913, last recorded between 1960-1986

***Centaurea stoebe***

(Spotted Knapweed / Benediktenkraut)  
Introduced. First recorded 1890, last recorded 1958



***Chrysanthemum segetum***

(Corn Marigold / Saat-Wucherblume)  
Rare, casual. Wasteplaces. Corner of Churchyard in Nebel.  
First recorded 1913.

***Cichorium intybus***

(Chicory / Zichorie)  
First recorded 1942, last recorded 1954-1960

***Cirsium arvense***

(Creeping Thistle / Acker-Kratzdistel)  
Common, Roadsides, pasture, agricultural land. First recorded 1914.

***Cirsium palustre***

(Marsh Thistle / Sumpf-Kratzdistel)  
Uncommon, Rough grassland. First recorded 1926.

***Cirsium vulgare***

(Spear Thistle / Gewöhnliche Kratzdistel)  
Uncommon, Roadsides and wastelands. First recorded 1860.

***Conyza canadensis***

(Canadian Fleabane / Kanadisches Berufkraut)  
Common, introduced. Disturbed ground, wastelands and agricultural land. First recorded 1954.

***Crepis biennis***

(Rough Hawk's-beard / Wiesen-Pippau)  
First recorded 1890, last recorded between 1987-1992.

***Crepis capillaris***

(Smooth Hawk's-beard / Grüner Pippau)  
Abundant, archaeophyte. Dunes, dry woods, heath, wastelands and roadsides. First recorded 1954.

***Crepis tectorum***

(Narrow-leaved Hawk's-beard / Dach- Pippau)  
First recorded 1954, last recorded between 1960-1986

***Erigeron acer***

(Blue Fleabane / Berufkraut)  
Synonym *Erigeron acris*. First recorded 1930, last recorded between 1960-1986

***Filago lutescens***

(Red-tipped Cudweed / Gelbliches Filzkraut)  
Recorded only 1954

***Filago minima***

(Small Cudweed / Kleines Filzkraut)  
Common, Fixed dunes and sandy roadsides. Not distributed evenly, but where it occurs it is in large numbers. First recorded 1890.

***Filago vulgaris***

(Cudweed / Gewöhnliches Filzkraut)  
Uncommon, archaeophyte. Disturbed, trodden and sandy places. Only ever found in places of manmade disturbance. First recorded 1938.

***Galinsoga parviflora***

(Gallant Soldier / Klienblütiges Franzosenkraut)  
Uncommon, introduced. Garden weed and pavement cracks. Seen in Nebel, Norddorf and Wittdün. First recorded 1895.

***Galinsoga quadriradiata***

(Shaggy Soldier / Zottiges Franzosenkraut)  
Uncommon, introduced. Garden weed and pavement cracks. Seen in Nebel, Norddorf and Wittdün. Recorded only between 2005-2007.

***Gnaphalium sylvaticum***

(Heath Cudweed / Wald-Ruhrkraut)  
Uncommon, A fallow field and one plant found in a damp dune slacks. First recorded 1895.

***Gnaphalium uliginosum***

(Marsh Cudweed / Sumpf-Ruhrkraut)  
Common, Ruts in farm tracks. First recorded 1890.

***Hieracium umbellatum***

(Hawkweed / Doldiges Habichtskraut)  
Common, native. Heaths in dunes. Never abundant in any one place, but well scattered within suitable habitat. First recorded 1895.

***Hypochaeris radicata***

(Cat's-ear / Gewöhnliches Ferkelkraut)  
Common, native. Grassland of all kinds. First recorded 1890.

***Lapsana communis***

(Nipple-wort / Gemeiner Rainkohl)  
Uncommon, archaeophyte. Wasteplaces. First recorded 1860.

***Leontodon autumnalis***

(Smooth Hawkbit / Herbst-Löwenzahn)  
Uncommon, native. Roadsides and short grassland. First recorded 1860.

***Leontodon saxatilis***

(Lesser Hawkbit / Nickender Löwenzahn)  
Recorded only between 1960-1986

***Leucanthemum vulgare***

(Oxeye Daisy / Wiesen-Wucherblume)  
Uncommon, Lawns and earthen embankments surrounding gardens. First recorded 1860.

***Matricaria discoidea***

(Pineappleweed / Strahlenlose Kamille)  
Common, introduced. Roadsides, tracks and parking places. First recorded 1930.

***Matricaria recutita***

(Scented Mayweed / Echte Kamille)  
First recorded 1915.

***Mycelis muralis***

(Wall Lettuce / *Mycelis muralis*)  
Uncommon, Conifer plantations. First recorded 1930.

***Pilosella officinarum***

(Mouse-ear Hawkweed / Kleines Habichtskraut)  
Common, native. Embankments, short turf and heaths. First recorded 1860.

***Scorzonera humilis***

(Viper's grass / Niedrige Schwarz)  
Rare, native. Meadow. First recorded 1860.

***Senecio jacobaea***

(Ragwort / Jakobs-Greiskraut)  
Rare, Meadow and foredunes. Surprisingly rare, but it might be specifically controlled by landowners. First recorded 1860.

***Senecio sylvaticus***

(Wood Groundsel / Wald-Greiskraut)  
Common, native. Dunes, dry woods, heath, wastelands and roadsides. First recorded 1860.

***Senecio vernalis***

(Eastern Groundsel / Frühlings-Greiskraut)  
First recorded 1942, last recorded between 1987-1992.

***Senecio viscosus***

(Sticky Groundsel / Klebriges Greiskraut)  
Rare, Cracks in concrete. Only found on the seawall in Norddorf. First recorded 1860.

***Senecio vulgaris***

(Groundsel / Gemeines Greiskraut)  
Uncommon, Agricultural weed, wastelands. First recorded 1942.

***Seriphidium maritimum***

(Sea Wormwood / Strand-Beifuß)  
Common, native. Saltmarsh. First recorded 1860.

***Silybum marianum***

(Milk Thistle / Mariendistel)  
Rare, introduced. field margin. Recorded only between 2005-2007.

***Solidago canadensis***

(Canadian Goldenrod / Kanadische Goldrute)  
introduced. First recorded 1860, last recorded between 1987-1992.

***Solidago gigantea***

(Early Goldenrod / Riesen-Goldrute)  
 Uncommon, introduced. Roadsides and wasteplaces.  
 Probably originating from dumping of garden waste.  
 Recorded only between 2005-2007.

***Sonchus arvensis***

(Corn Sowthistle / Acker-Gänsedistel)  
 Uncommon, Wasteplaces and foredunes. First recorded  
 1860.

***Sonchus asper***

(Prickly Sowthistle / Rauhe Gänsedistel)  
 Common, archaeophyte. Wasteplaces and fallow. First  
 recorded 1954.

***Sonchus oleraceus***

(Common Sowthistle / Kohl-Gänsedistel)  
 Common, archaeophyte. Wasteplaces and fallow. First  
 recorded 1895.

***Tagetes patula***

(French Marigold / Studentenblume)  
 Rare, casual. Wasteplaces. Four plants growing where  
 garden waste may have been dumped. Near sewage works  
 in Nebel. Recorded only between 2005-2007.

***Tanacetum parthenium***

(Feverfew / Mutterkraut)  
 Rare, introduced. Side of pavement. One plant found near a  
 garden. First recorded 1913.

***Tanacetum vulgare***

(Tansy / Gemeiner Rainfarn)  
 Common, introduced. Roadsides, field margins and  
 wasteplaces. First recorded 1860.

***Taraxacum sect. Erythrosperma***

(Lesser Dandelion / Löwenzahn)  
 Recorded only between 1960-1986

***Taraxacum officinale agg.***

(Dandelion / Löwenzahn)  
 Common, First recorded 1860.

***Tragopogon pratensis***

(Goat's Beard / Wiesen-Breksbart)  
 Rare, Wasteplaces. Three plants at the margin of a car park  
 in Nebel and one plant along the Waldweg. First recorded  
 1913.

***Tripleurospermum inodorum***

(Scentless Mayweed / Geruchlose Kamille)  
 Common, Agricultural weed, wasteplaces and field margins.  
 First recorded 1860.

***Tussilago farfara***

(Colt's-foot / Huflattich)  
 Rare, Wasteplaces. First recorded 1913.

**ALISMATACEAE**

***Alisma plantago-aquatica***

(Water-plantain / Gemeiner Froschlöffel)  
 Recorded only 1954

**JUNCAGINACEAE**

***Triglochin maritimum***

(Sea Arrowgrass / Strand-Dreizack)  
 Uncommon, native. Saltmarsh. First recorded 1860.

***Triglochin palustre***

(Marsh Arrowgrass / Sumpf-Dreizack)  
 Uncommon, native. Upper saltmarsh. First recorded 1890.

**POTAMOGETONACEAE**

***Potamogeton crispus***

(Curled Pondweed / Krauses-Laichkraut)  
 First recorded 1927, last recorded between 1960-1986

***Potamogeton natans***

(Broad-leaved Pondweed / Schwimmendes-Laichkraut)  
 Uncommon, Ditches. First recorded 1895.

***Potamogeton pectinatus***

(Fennel Pondweed / Kammförmiges Laichkraut)  
 Rare, Pond. South of Nebel. First recorded 1927.

***Potamogeton polygonifolius***

(Bog Pondweed / Knöterich-Laichkraut)  
 Common, native. Ponds in dune slacks. First recorded 1895.

***Potamogeton pusillus***

(Lesser Pondweed / Kleines Laichkraut)  
 First recorded 1860, last recorded between 1960-1986

**RUPPIACEAE**

***Ruppia cirrhosa***

(Spiral Tasselweed / Strand-Salde)  
 Recorded only 1954-1960

***Ruppia maritima***

(Beaked Tasselweed / Meeres-Salde)  
 First recorded 1860, last recorded 1958

**ZANNICHELLIACEAE**

***Zannichellia palustris***

(Horned Pondweed / Teichfaden)  
 First recorded 1954, last recorded between 1960-1986

**ZOSTERACEAE**

***Zostera marina***

(Eelgrass / Seegras)  
 Probably Common, native. Washed up on beach. First  
 recorded between 1987-1992.

***Zostera noltei***

(Dwarf Eelgrass / Zwerg-Seegras)  
 Recorded only between 1987-1992.

**ARACEAE**

***Calla palustris***

(Bog Arum / Drachenwurz)  
 Recorded only between 1987-1992.

**LEMNACEAE**

***Lemna minor***

(Lesser Duckweed / Kleine Wasserlinse)  
 Uncommon, native. Ditches. First recorded 1926.

**JUNCACEAE**

***Juncus acutiflorus***

(Sharp-flowered Rush / Spitzblütige Binse)  
 First recorded 1938.

***Juncus alpinoarticulatus ssp. atricapillus***

(Alpine Rush / Alpen-Binse)  
 Seen by Petersen, J. (2000) Recorded only 2000.

***Juncus ambiguus***

(Frog Rush / Frosch-Binse)  
 Uncommon, native. Dune slacks. Synonym *Juncus ranarius*.  
 First recorded 1938.

***Juncus anceps***

(Flattened Rush / Zweischneidige Binse)  
 Uncommon, native. Dune slacks. First recorded 1860.

***Juncus articulatus***

(Jointed Rush / Glieder-Binse)  
 Common, native. Dune slacks. First recorded 1860.

**Juncus bufonius**

(Toad Rush / Krötenbinse)  
Common, native. Wasteplaces, upper saltmarsh and roadsides. First recorded 1860.

**Juncus bulbosus**

(Bulbous Rush / Zwiebelbinse, Knollige Binse)  
Common, native. Boggy ponds in dune slacks. First recorded 1860.

**Juncus compressus**

(Round-fruited Rush / Plathalm-Binse)  
First recorded 1890, last recorded between 1987-1992.

**Juncus conglomeratus**

(Compact Rush / Knäuelbinse)  
Common, native. Ditches and marshes. First recorded 1860.

**Juncus effusus**

(Soft-rush / Liebeslocken)  
Common, native. Roadsides, ditches, marsh, margins of damp woodland and damp pasture. First recorded 1860.

**Juncus filiformis**

(Thread Rush / Faden-Binse)  
Uncommon, Damp dune slacks. First recorded 1860.

**Juncus gerardii**

(Salt Mud Rush / Salz-Binse)  
Common, native. Saltmarsh. First recorded 1930.

**Juncus maritimus**

(Sea Rush / Strand-Binse)  
Uncommon, native. Saltmarsh and damp dune slacks. First recorded 1860.

**Juncus pygmaeus**

(Pigmy Rush / Zwerg-Binse)  
Uncommon, native. Damp bare sand in dune slacks. Abundant in the areas where it grows, but restricted to small areas. First recorded 1895.

**Juncus squarrosus**

(Heath Rush / Sparrige Binse)  
Uncommon, native. Heaths and dune slacks. First recorded 1954.

**Juncus tenuis**

(Slender Rush / Juncus tenuis)  
Uncommon, introduced. Damp tracks in plantations. First recorded 1876.

**Luzula campestris**

(Field Wood-rush / Gewöhnliche Hainsimse)  
First recorded 1860, last recorded between 1987-1992.

**Luzula multiflora**

(Many Headed Woodrush / Vielblütige Hainsimse)  
Uncommon, native. Heaths, fixed dunes and grassland. First recorded 1890.

**Luzula sylvatica**

(Greater Woodrush / Wald-Hainsimse)  
Rare, native. Tracksides. Only one small patch. Recorded only between 2005-2007.

## CYPERACEAE

**Bolboschoenus maritimus**

(Sea Club-rush / Strandsimse)  
Common, native. Duneslacks and saltmarsh. First recorded 1887.

**Blysmus rufus**

(Saltmarsh Flat-sedge / Rote Simse)  
Recorded only 1860

**Carex acuta**

(Slender Tufted-sedge / Schlank-Segge)  
Rare, native. Synonym *Carex gracilis*. First recorded 1887, last recorded between 1987-1992.

**Carex arenaria**

(Sand Sedge / Sandsegge)  
Abundant, native. Dunes and heaths. First recorded 1860.

**Carex curta**

(White Sedge / Graue Segge)  
First recorded 1913, last recorded between 1987-1992.

**Carex distans**

(Distant Sedge / Entferntährige Segge)  
First recorded 1860, last recorded between 1987-1992.

**Carex echinata**

(Star Sedge / Stern Segge)  
Seen by Petersen, J. (2000) First recorded 1825, last recorded 2000.

**Carex extensa**

(Long-bracted Sedge / Strand-Segge)  
Uncommon, native. First recorded 1825.

**Carex flacca**

(Glaucous Sedge / Blaugrüne Segge)  
Uncommon. Native. First recorded 1825, last recorded 1958

**Carex hostiana**

(Tawny Sedge / Saum-Segge)  
Recorded only 1959

**Carex muricata ssp. lamprocarpa**

(Prickly Sedge / Sparrige Segge)  
Common, native. Heaths. Synonym *Carex pairae*. First recorded 1913.

**Carex nigra**

(Common Sedge / Wiesen-Segge)  
Uncommon, native. Wet dune slack and wet meadow. First recorded 1939.

**Carex otrubae**

(False Fox-sedge / Falsche Fuchs-Segge)  
First recorded 1913.

**Carex ovalis**

(Oval Sedge / Hasenpfoten-Segge)  
Uncommon, native. Grassland and tracksides. Synonym *C. leporina*. First recorded 1895.

**Carex panicea**

(Carnation Sedge / Hirsesegge)  
First recorded 1887, last recorded between 1987-1992.

**Carex pilulifera**

(Pill Sedge / Pillensegge)  
Uncommon, native. Heaths and forest tracks. First recorded 1890.

**Carex pseudocyperus**

(Cyperus Sedge / Zypergrasähnliche)  
Rare, native. Ditches and wet dune slacks. First recorded 1887.

**Carex trinervis**

(Three-nerved Sedge / Dreinervige-Segge)  
First recorded 1887, last recorded 1954

**Carex x turfosa (C. elata x C. nigra)**

Recorded only 1913

**Carex viridula ssp. viridula**

(Yellow Sedge / Gelb-Segge)  
Uncommon, native. Wet dune slacks. Synonyms *C. oederi* or *C. serotina*. First recorded 1930.

**Eleocharis acicularis**

(Needle Spike-rush / Nadelsimse)  
First recorded 1913, last recorded between 1987-1992.

**Eleocharis multicaulis**

(Many-stalked Spike-rush / Vielstengelige Simse)  
First recorded 1890, last recorded between 1960-1986

**Eleocharis palustris**

(Common Spike-rush / Gewöhnliche Sumpfbirse)  
Common, native. Wet dune slacks. First recorded 1928.

**Eleocharis quinqueflora**

(Few-flowered Spike-rush / Armbütige Simse)  
First recorded 1890, last recorded between 1987-1992.

***Eleocharis uniglumis***

(Slender Spike-rush / Einspelziges Sumpfbirse)  
 Uncommon, native. Wet dune slacks. First recorded 1899.

***Eleogiton fluitans***

(Floating Club-rush / Flutende Teichsimse)  
 Rare, native. Pond in dune slack. First recorded 1887.

***Eriophorum angustifolium***

(Common Cottongrass / Schmalblättriges Wollgras)  
 Uncommon, native. Wet, boggy dune slacks. First recorded 1860.

***Rhynchospora alba***

(White Beak-sedge / Weiße Schnabelsimse)  
 First recorded 1825, last recorded 1958

***Rhynchospora fusca***

(Brown Beak-sedge / Braune Schnabelsimse)  
 Recorded only 1860

***Schoenoplectus tabernaemontani***

(Grey Club-rush / Rauhe Simse)  
 Rare, native. Wet dune slack. One patch, perhaps 3m in circumference. First recorded 1958.

***Schoenoplectus triquetus***

(Triangular Club-rush / Dreikantige Simse)  
 First recorded 1890, last recorded 1958

***Trichophorum cespitosum ssp. germanicum***

(Deergrass / Rasige Simse)  
 Rare, native. Wet dune slack. First recorded 1887.

**POACEAE**

***Agrostis canina***

(Velvet Bent / Sumpf-Straußgras)  
 Seen by Petersen, J. (2000) First recorded 1895, last recorded 2000.

***Agrostis capillaris***

(Common Bent / Rotes Straußgras)  
 Abundant, native. Grassland of all kinds. First recorded 1887.

***Agrostis gigantea***

(Black Bent / Riesen Straußgras)  
 First recorded 1895, last recorded between 1960-1986

***Agrostis stolonifera ssp. maritima***

(Creeping Bent / Flechtstraußgras)  
 Common, native. Saltmarsh and dune slacks. First recorded 1887.

***Agrostis stolonifera ssp. stolonifera***

(Creeping Bent / Flechtstraußgras)  
 Common, native. Meadows, saltmarsh and dune slacks. First recorded 1860.

***Agrostis vinealis***

(Brown Bent / Sand-Straußgras)  
 Uncommon, native. Dunes. Synonym *Agrostis stricta*. First recorded 1860.

***Aira caryophyllea***

(Silver Hair-grass / Nelken-Haferschmiele)  
 Common, native. Dunes, dry grassland and disturbed ground. First recorded 1887.

***Aira praecox***

(Early Hair-grass / Früher Schmielenhafer)  
 Common, native. Dunes, dry grassland and disturbed ground. First recorded 1860.

***Alopecurus geniculatus***

(Marsh Foxtail / Knick-Fuchsschwanzgras)  
 Uncommon, native. Pond margins in cattle pastures and upper saltmarsh. First recorded 1860.

***Alopecurus myosuroides***

(Black-grass / Acker-Fuchsschwanzgras)  
 First recorded 1860, last recorded between 1987-1992.

***Alopecurus pratensis***

(Meadow Foxtail / Wiesen-Fuchsschwanzgras)  
 Uncommon, native. Damp, ungrazed grassland. West of Wittdün. First recorded 1887.

***Ammophila arenaria***

(Marram Grass / Strandhafer)  
 Abundant, native. Dunes. First recorded 1906.

***X Calammophila baltica***

(Purple Marram / Baltischer-Strandhafer)  
 Uncommon, native. Dunes. First recorded 1958.

***Anisantha sterilis***

(Barren Brome / Taube Trespe)  
 Uncommon, Margins of a carpark, wasteplaces and seawall. Near the Nordseehalle, Wittdün, seawall in Norddorf. First recorded 1860.

***Anisantha tectorum***

(Drooping Brome / Dachtrespe)  
 First recorded 1876, last recorded between 1960-1986

***Anthoxanthum aristatum***

(Annual Vernal Grass / Begranntes Ruchgras)  
 Introduced.

***Anthoxanthum odoratum***

(Scented Vernal Grass / Gewöhnliches Ruchgras)  
 Abundant, native. Dunes, woodland, heaths, roadsides and meadows. First recorded 1942.

***Apera spica-venti***

(Loose Silky Bent / Acker-Windhalm)  
 Uncommon, archaeophyte. Wasteplaces. First recorded 1899.

***Arrhenatherum elatius***

(Oat Grass / Glatthafer)  
 Common, native. Roadsides and rough grassland. First recorded 1887.

***Avena fatua***

(Wild-oat / Flughafer)  
 First recorded 1913, last recorded between 1987-1992.

***Brachypodium pinnatum***

(Tor-grass / Gefiederte Zwencke)  
 First recorded 1887, last recorded between 1987-1992.

***Bromopsis erecta***

(Upright Brome / Aufrechte Trespe)  
 Rare, introduced. Earthen wall. on a stone wall near harbour in Wittdün. First recorded 1913.

***Bromopsis inermis ssp. inermis***

(Hungarian Brome / Wehrlose Trespe)  
 Uncommon, introduced. Roadsides. Seen twice, but forming extensive patches were it grows. Both sites are on the outskirts of Nebel. First recorded between 1960-1986.

***Bromus hordeaceus***

(Soft-brome / Weiche Trespe)  
 Abundant, native. Wasteplaces, meadows and roadsides. First recorded 1913.

***Bromus secalinus***

(Rye Brome / Roggentrespe)  
 First recorded 1860, last recorded 1961

***Calamagrostis canescens***

(Purple Small-reed / Sumpf-Reitgras)  
 Rare, Swamp. First recorded 1895.

***Calamagrostis epigejos***

(Wood Small-reed / Land-Reitgras)  
 Uncommon, Margins of woodlands and heathland. Particularly along side the Waldweg. First recorded 1860.

***Catabrosa aquatica***

(Whorl-grass / Quellgras)  
 First recorded 1913, last recorded between 1960-1986

***Corynephorus canescens***

(Grey Hair-grass / Silbergras)  
 Abundant, native. Hind dunes. First recorded 1954.

***Cynosurus cristatus***

(Crested Dog's-tail / Wiesen-Kammgras)  
Common, native. Meadows, pasture and roadsides. First recorded 1887.

***Dactylis glomerata***

(Cocksfoot / Wiesenknäuelgras)  
Common, native. Roadsides, field margins, wastepieces, gardens and meadows. First recorded 1860.

***Danthonia decumbens***

(Heath-grass / Dreizahngras)  
Uncommon, native. Heaths and tracksides in woodland. First recorded 1887.

***Deschampsia cespitosa***

(Tufted Hair-grass / Rasenschmiele)  
First recorded 1895, last recorded between 1987-1992.

***Deschampsia flexuosa***

(Wavy Hair Grass / Drahtschmiele)  
Abundant, native. Dunes, woodland, heaths, roadsides and meadows. Synonym *Avenella flexuosa*. First recorded 1860.

***Deschampsia setacea***

(Bog Hair-grass / Zweifarbiges Schmiele)  
First recorded 1906, last recorded 1954

***Digitaria ischaemum***

(Smooth Finger-grass / Faden-Fingerhirse)  
First recorded 1887, last recorded between 1960-1986

***Echinochloa crus-galli***

(Cockspur / Gewöhnliche Hühnerhirse)  
First recorded 1906.

***Elytrigia atherica***

(Sea Couch / Dünen-Quecke)  
Common, native. Saltmarsh, transitional area between saltmarsh and dune. Some clumps have long awns while others do not. First recorded 1825.

***Elytrigia juncea***

(Sand Couch / Binsen-Quecke)  
Abundant, native. Foredunes. Mainly on the western shore of the island. First recorded 1887.

***Elytrigia repens ssp. maritima***

First recorded 1825, last recorded between 1987-1992.

***Elytrigia repens ssp. repens***

(Common Couch / Gewöhnliche Quecke)  
Common, native. Roadsides, rough grassland, embankments, wastepieces and saltmarsh. Awned and unawned plants are present. First recorded 1860.

***Elytrigia x obtusiuscula***

(Hybrid Sand Couch / )  
Common, native. Saltmarsh, transitional area between saltmarsh and dune. First recorded 1954.

***Festuca arenaria***

(Rush-leaved Fescue / )  
Common, native. Sand dunes. First recorded 1860.

***Festuca arundinacea***

(Tall Fescue / Rohrschwengel)  
Rare, Trackside. Near Wittdün. First recorded 1930.

***Festuca filiformis***

(Fine-leaved Sheep's-fescue / Schafschwengel)  
Uncommon, native. Short turf. First recorded 1860.

***Festuca ovina***

(Sheep's fescue / Schafschwengel)  
Common, native. Short turf on heaths and pasture. First recorded 1930.

***Festuca pratensis***

(Meadow fescue / Wiesenschwengel)  
Uncommon, Meadows. First recorded 1958.

***Festuca rubra ssp. litoralis***

(Red fescue / Rotschwengel)  
Common, native. Saltmarsh. First recorded 1860.

***Festuca rubra ssp. rubra***

(Red fescue / Rotschwengel)  
Abundant, native. Meadows, roadsides, pasture and upper saltmarsh. First recorded 1913.

***Glyceria fluitans***

(Floating Sweet-grass / Flutender Schwaden)  
Rare, native. Ditches. North of Norddorf. First recorded 1930.

***Helictotrichon pratense***

(Meadow Oat-grass / Wiesenhafer)  
First recorded 1913, last recorded between 1987-1992.

***Holcus lanatus***

(Yorkshire Fog / Wolliges Honiggras)  
Abundant, native. Dunes, woodland, heaths, roadsides and meadows. First recorded 1890.

***Holcus mollis***

(Creeping soft-grass / Weiches Honiggras)  
Common, native. Wastepieces and a weed of arable crops. First recorded 1825.

***Hordeum jubatum***

(Foxtail Barley / Mähnen-Gerste)  
Introduced. First recorded 1890, last recorded between 1960-1986

***Hordeum murinum***

(Wall Barley / Mäuse-Gerste)  
Uncommon, Pavement cracks. First recorded 1890.

***Hordeum secalinum***

(Meadow Barley / Roggen-Gerste)  
Uncommon, Grassland at upper limits of saltmarsh. Only one site at Allunn. First recorded 1825.

***Koeleria albescens***

(Crested Hair-grass / Fackelgras)  
Recorded only between 1987-1992.

***Leymus arenarius***

(Lyme-grass / Strandroggen)  
Common, native. Beaches. Seen on the eastern coast, but may also exist scattered on the western coast. First recorded 1825.

***Lolium multiflorum***

introduced. First recorded 1956, last recorded between 1987-1992.

***Lolium perenne***

(Perennial Rye-grass / Ausdauerndes Weidelgras)  
Abundant, native. Pastures, roadsides and lawns. Also sown as a crop. First recorded 1860.

***Molinia caerulea***

(Purple Moor-grass / Gewöhnliches Pfeifengras)  
Common, native. Tracksides in woods and plantation, under birch woods and on heaths. First recorded 1906.

***Nardus stricta***

(Mat Grass / Ährengras)  
Uncommon, native. Damp ground next to track. First recorded 1860.

***Panicum miliaceum***

(Common Millet / Echte Hirse)  
Rare, introduced. Wastepiece. Growing on the waste from a stable. Recorded only between 2005-2007.

***Parapholis strigosa***

(Curved Sea Hard-grass / Gekrümmter Dünnschwanz)  
Uncommon, native. Saltmarsh behind foredunes. First recorded 1887.

***Phalaris canariensis***

(Canary-grass / Kanariengras)  
Rare, introduced. Wastepieces. Growing on the waste from a stable. Recorded only between 2005-2007.

***Phleum pratense agg.***

(Cat's-tail / Wiesen-Lieschgras)  
Abundant, native. Meadows, pasture and roadsides. Some spikes seemed to fit within the range a characters of *P. bertolonii*. First recorded 1860.

***Phragmites australis***

(Common Reed / Schilf)

Abundant, native. Ditches, marsh and upper saltmarsh. First recorded 1821.

***Poa angustifolia***

(Narrow-leaved Meadow Grass / Schmale Wiesen-Rispe)

First recorded 1876, last recorded between 1987-1992.

***Poa annua***

(Annual Meadow Grass / Einjähriges Rispengras)

Common, native. Short grassland, disturbed ground and agricultural land. First recorded 1860.

***Poa compressa***

(Flattened Meadow-grass / Flaches Rispengras)

Rare, Found in a flower bed of a private garden in Nebel. First recorded 1947.

***Poa humilis***

(Spreading Meadow-grass / Bläuliches Wiesen-Rispengras)

Common, native. Dunes, heaths, roadsides, meadows and wastepieces. Türk (1994) refers to *Poa pratensis* ssp. *angustifolia*. These species are quite similar and further investigation is required to determine if both are present. First recorded 1895.

***Poa nemoralis***

(Woodland Meadow Grass / Hain-Rispengras)

Probably Common, native. Margins of woodlands. First recorded 1947.

***Poa pratensis sens.str.***

(Meadow Grass / Wiesen-Rispengras)

Rare, native. Damp grassland. First recorded 1895.

***Poa trivialis***

(Rough Meadow Grass / Gewöhnliches Rispengras)

Uncommon, native. Margins of woodlands. First recorded 1895.

***Puccinellia distans***

(Reflexed Salt-marsh Grass / Absteherender)

First recorded 1895, last recorded between 1987-1992.

***Puccinellia maritima***

(Common Salt-marsh Grass / Anedelgras)

Common, native. Saltmarsh. First recorded 1895.

***Setaria viridis***

(Green Bristle-grass / Grüne Borstenhirse)

Rare, introduced. Wastepieces. First recorded 1876.

***Spartina anglica***

(Common Cord-grass / Salz-Schlickgras)

Common, introduced. Lower saltmarsh. First recorded 1812.

***Trisetum flavescens***

(Yellow Oat-grass / Wiesen-Goldhafer)

First recorded 1899, last recorded between 1987-1992.

***Vulpia bromoides***

(Squirreltail Fescue / Trespen-Federschwingel)

Rare, casual. Margins of a carpark. The car park of a house west of Nebel. First recorded 1953.

***Vulpia myuros***

(Rat's-tail Fescue / Mäuseschwanz-Fuchsschwengel)

Rare, introduced. Margins of a carpark. Near the minigolf in Norddorf. Recorded only between 2005-2007.

**SPARGANIACEAE**

*Sparganium emersum*

(Unbranched Bur-reed / Einfacher Igelkolben)

First recorded 1912, last recorded between 1960-1986

**TYPHACEAE**

***Typha angustifolia***

(Lesser Bulrush / Schmalblättriger Rohrkolben)

Rare, Ditches and wet dune slacks. First recorded between 1960-1986.

***Typha latifolia***

(Bulrush / Breitblättriger Rohrkolben)

Rare, Ditches and wet dune slacks. First recorded between 1987-1992.

**LILIACEAE**

***Allium vineale***

(Crow Garlic / Weinberglauch)

Rare, Garden weed. Seen only in a rose bed in Nebel. Recorded only between 2005-2007.

***Asparagus officinalis ssp. officinalis***

(Asparagus / Spargel)

Uncommon, introduced. Garden weed. Abundant in the garden of the Nordseehalle in Wittdün. Recorded only between 2005-2007.

***Convallaria majalis***

(Lily of the Valley / Maiglöckchen)

Uncommon, introduced. Deciduous woodland. Only two patches found of this plant, both perhaps 3m in diameter,. Recorded only between 2005-2007.

***Maianthemum bifolium***

(May Lily / Zweiblättrige Schattenblume)

Rare, Under conifer trees within the boundaries of a private house Possibly planted. First recorded 1954.

***Narthecium ossifragum***

(Bog Asphodel / Beinbrech)

Uncommon, native. Marsh. Between Wittdün and Steenodde. First recorded 1887.

**IRIDACEAE**

***Iris pseudacorus***

(Yellow Iris / Wasser-Schwertlilie)

Rare, native. Wet duneslacks. First recorded 1959.

**ORCHIDACEAE**

***Dactylorhiza maculata***

(Heath Spotted-Orchid / Geflecktes Knabenkraut)

First recorded before 1961, last recorded between 1987-1992.

***Dactylorhiza majalis agg.***

(Western Marsh-orchid / Breitblättriges Knabenkraut)

Recorded only between 1987-1992.

***Epipactis helleborine***

(Broad Helleborine / Breitblättrige Stendelwurz)

Rare, Pine plantation. Only one plant found in one year and not refound subsequently. Recorded only between 2005-2007.

***Goodyera repens***

(Creeping Lady's-tresses / Kriechendes Netzblatt)

Recorded only 1954

***Hammarbya paludosa***

(Bog Orchid / Weichwurz)

Rare, native. Boggy dune slacks. First recorded 1860.

***Listera cordata***

(Lesser Twayblade / Kleines Zweiblatt)

First recorded 1937, last recorded 1954

## References

1. Christiansen, W. (1967) Flora der Nordfriesischen Inseln. Cram, de Gruyter and Co., Hamburg.
2. Petersen, J. (2000): Die Dünenalvegetation der Wattenmeer-Inseln in der südlichen Nordsee. Eine pflanzensoziologische und ökologische Vergleichsuntersuchung unter Berücksichtigung von Nutzung und Naturschutz. - 336 S., Husum.
3. Stace, C. A. (1997): New Flora of the British Isles (2nd edn). Cambridge University Press, Cambridge.
4. Türk, W. (1991) Beitrag zur Kenntnis der Vegetationsverhältnisse der Nordfriesischen Insel Amrum. Pflanzengesellschaften der Geest und Marsch. Tuexenia **11**: 149-170.
5. Türk, W. (1994) Flora und Vegetation der Insel Amrum - Bestand, Wandel und Gefährdung. Schr. Naturw. Verein Schleswig-Holstein, **64**: 17-89.
6. Türk, W. (1995) Pflanzengesellschaften und Vegetationsmosaik der Insel Amrum. Tuexenia **15**: 245-294.
7. Kollmann, J. (1998): Die Rubus-Flora der Nordfriesischen Insel Amrum, Tuexenia, **18**: 95-102.