

The Dolomites

Devil's Claw and King of the Alps

A Greentours Trip Report

17th to 26th June 2018

Led by Paul Cardy

Daily Reports and Systematic Lists by Paul Cardy

Day 1 Sunday 17th June

Arrival and Journey to Claut

I met the group at a bustling Venice Airport. The mini-bus soon loaded, we headed for the tranquility of the mountains. Initially our journey took us across the predominantly agricultural plains, the line of the Alps stretching ahead of us. Even in the lowlands the vegetation was still surprisingly verdant at this season. Lunch was eaten at a service station, all our other lunch sites would be much less prosaic! But even here were things of interest, such as *Centaureum pulchellum*, and Italian Sparrows. The scenery became ever more impressive, and once we'd left the main road there were floriferous verges.

There was time for a lengthy stop at Vajont where we walked a quiet lane, with a fine flora, and butterflies much in evidence. Apollos floated along dry slopes covered in their foodplants, stonecrops, and there were also Pearly Heaths, Marbled Whites, Large Wall Brown, and Woodland Brown. *Zygaena lonicerae* nectared on scabious. Spiked Bellflowers were impressive, with *Campanula persicifolia* too. Broad-leaved and Dark Red Helleborines were admired, the latter numerous, and there were a number of Fragrant Orchids, some very robust. There were also a few Lesser Butterfly Orchids, but the Fly Orchids were all but over this year. Red Helleborine was a bonus, at a new site for the species. The *Teucrium montanum* was attractive, and *Centaurea jacea*, *Hieracium staticifolium*, and *Bupthalmum salicifolium* were among the composites. *Peucedanum venetum* was rather common and *Verbascum chaixii austriacum* was in flower. Among the many other plants were *Valeriana wallrothii*, Swallow-wort, and Wood Pink. Butterflies continued with Adonis Blue and Cirl Bunting was here. Occasionally looking up from the great variety of flowers and insects, the views were pretty good too!

I drove a little further along and we stopped for more fine views. Serendipity came, when Betty called me to look at an orchid she'd found. That was Broad-leaved Helleborine. But walking back to the vehicle I spotted something much more exciting. Two rather robust spikes with green flowers. Fen Orchids! New for the tour, after all these years of coming here, some eighteen! This was the local endemic subspecies *nemoralis*, robust, growing in woodland, known from only some six stations in North-west Italy. A superb start to the tour.

The orchid luck did not continue at one of my *Malaxis monophyllos* sites where we next stopped. The meadow had been stripped bare and there was logging activity. Oh well, we would see it later in the week.

It was now only a short drive in the late afternoon sunshine to our hotel. Betty treated us all to welcome cold drinks on arrival.

We all enjoyed an excellent first dinner, I gave the introductory talk, and we anticipated the productive tour to come.

Day 2 Monday 18th June Cimoliana

We enjoyed a superb first day in the field and saw a wealth of fine things. Whilst everyone enjoyed breakfast in the hotel, I shopped for fresh picnic supplies and bread in the village.

Under clear blue skies we drove the short distance to the village of Cimolais, and from there headed up the Cimoliana valley.

An unplanned stop was made for Orange Lilies that we just could not ignore. Here were the first of many beautiful Rose Chafers. Interestingly two Woodland Browns were taking sap from a tree trunk.

The next stop, amid Black Pines and *Salix waldesteiniana*, had *Orobanche gracilis* in good bloom, *Campanula scheuchzeri*, *Thesium rostratum*, *Prunella grandiflora*, and fine Fragrant Orchids. The endemics *Euphorbia triflora kernerii* and *Rhinanthus pampaninii* were here too. Several butterflies were already on the wing and included Black-veined White, Pearly Heath, and Woodland Brown. The most notable was a Lesser Spotted Fritillary, not common in the area.

A short walk took us to cliffs that supported many fine Devil's Claws, in perfect flower, one of the plant highlights of the Dolomites. They really were in superb form this year, with several in easy reach. The same cliffs had much *Spiraea decumbens*, leaves of *Potentilla caulescens*, and *Chondrilla chondrilloides* flowered abundantly beside the track. The *Rhododendron hirsutum* was much admired. Marlene and I ventured across the narrow rushing river to cliffs in the sun where the Devil's Claws were just perfect, with much *Aquilegia einseleana*. There was a fine camouflaged grey orb spider here. Crossing back, I was amazed that Bob had been able to photograph these Devil's Claws. and even the spider, from some distance without having to negotiate the rushing river.

The scenery was sublime, and more and more butterflies were taking to the wing as the day warmed up. Hungarian Glider was associated with its foodplant, the *Spiraea*. The rocks supported a good selection of ferns including Limestone Fern, Holly Fern, Green Spleenwort, Wall-rue, Maidenhair Spleenwort, and Brittle-bladder Fern. A highlight was a number of fine yellow day lilies, *Hemerocallis lilio-asphodelus*, a rather surprising endemic here. There were several on the cliffs above, but also some right beside the track. Another *Hemerocallis* site also

had the specialities *Arenaria huteri* and *Silene veselskyi*, where refreshing water trickled onto us from the springs above.

Nearby Southern White Admiral settled on the road. The knapweed, *Centaurea dichroantha*, usually in two colour forms, purple and yellow, but only the latter was in flower today. Impressive tall *Peucedanum verticillare* was in flower. Bird's-nest Orchid flowered on the forest floor and Red Helleborines were in fine flower. I set out our first extensive picnic at a well situated table. A persistent Large Skipper insisted on sharing our lunch. Very light rain came but must have been SO light because I was the only one who noticed it.

Our drive now took us across a wide stony river bed. River gravels had Alpine Gypsophila, *Cerastium subtriflorum*, and *Saxifraga squarrosa*. The endemic *Galium margaritaceum* was in bloom. This was a productive day for spiders and here was one of my favourites, the beautiful red, white, and black jumping spider *Philaeus chrysops*.

Reaching the end of the drivable road we took a short walk and found the attractive *Dianthus sternbergii* in fine flower, and Willow Gentian in leaf. Some fine Bladder Gentians were nearby. The cliffs supported *Silene saxifraga* and below them was the diminutive *Hymenolobus pauciflorus*.

At this usually reliable site for them all the Lady's Slippers were more or less over this year, whereas we usually see good numbers in flower. There were a couple of plants still showing colour. The distinctive pink *Crepis froelichiana dinarica*, an endemic subspecies, was here, and *Anemone trifolia* and Interrupted Clubmoss were under the trees. Several Duke of Burgundys were on the wing. A family group of Willow Tits moved through the conifers.

Round-leaved Wintergreen was in fine form. Worth noting was the great variety of sedges seen today. Here were *Carex flacca*, *Carex flava*, *Carex lepidocarpa*, *Carex pallescens*, *Carex halleriana*, *Carex ornithopoda*, *Carex montana*, *Carex alba*, *Carex sempervirens*, *Carex firma*, and *Carex ferruginea*!

A last stop was made to admire the flowery meadows lower down. Also of note today was a Military Orchid, another scarce species in the area.

Day 3 Tuesday 19th June

Claut, Val Settimana, & Transfer to Rocca Pietore

A fine morning saw us saying our fond farewells to the hotel in Claut. The road above the village was quiet and took us through lovely forest. A series of exciting hairpins led to a small deserted car park. From there we walked to streamside rocks on which are a few famous dinosaur footprints. Not all are convinced by these, but they are fairly clear. The scenery was fine, and the meadows flowery. *Asperula cynanchica* was new for us and *Polygonatum verticillatum* was in flower.

We stopped along the entrance road for superb flowering *Lomelosia graminifolia*. This was the only place we would see this local species. *Genista radiata* was here too. The children we had passed just above the village had walked up the hairpins and had reached here surprisingly quickly.

Next we visited the Settimana valley. Mud puddling Black-veined Whites were a feature. They were numerous in the area, but unfortunately not all vehicles driving up here did as we did and avoided driving over them. The always special Large Chequered Skipper also mud puddled, and we saw a few. Superb blue water rushed in the limestone river bed. A wet flush had cotton grasses and *Blysmus compressus*. Broad-bodied Chaser patrolled a small pond in which was Alpine Newt and a Grass Snake swam across the pond. Sedges continued with *Carex paniculata*, *Carex panicea*, and *Carex nigra*.

Rocky slopes had attractive *Senecio abrotanifolius*. Bee Beetles were as always a pleasing find. Dark Green Fritillaries mud puddled. At the top of the road was fine scenery and we had the area to ourselves. On river gravels were impressive Alpine Poppies and Water Chickweed was in flower. Back in the woods I set out the lunch at a convenient picnic table. A surprise here was three Americans asking directions! *Carex sylvatica* and white flowered Bastard Balm were here and I saw another Grass Snake. A superb long horn beetle was seen, not the first today.

Back on the paved road we headed west. Serendipity again as the Vajont tunnel traffic lights stopped us just beside flowering Marsh Helleborine. We continued down to Longarone, and into the Dolomiti Bellunesi, in which we would spend the remainder of the tour. *Campanula spicata* became rather common on the roadsides.

Our intended route via Passo Duran was closed due to roadworks so today we travelled via Staulanza. A stop there proved superb, the subalpine meadows very floriferous. Many plants here were new to us, the flora very different to that we had seen further east. Marsh Valerian, Rock Speedwell, *Myosotis alpestris*, *Primula farinosa*, Yellow Wood Violet, Globeflowers, Marsh Marigolds and *Dactylorhiza majalis* were among the many species here.

We continued to our hotel, and there settled in to the lovely rooms that would be our home for the remainder of the tour. Of the many great hotels we stay in Europe this is one of the very best, an excellent family run place. Crag Martins flew around the hotel.

Before dinner we met for a first run through the already very extensive plant lists. We enjoyed a superb dinner, with excellent service. We celebrated Bob's birthday with a cake made by the 'pastry hotel'.

Day 4 Wednesday 20th June Passo di Giau

The hotel breakfast was a fine selection. The weather was fine, and we enjoyed another superb day in the field. Today we headed up to the Passo di Giau, along a series of many hairpin bends, climbing through different altitudinal zones, the verges full of flowers.

Initially driving through forest and flower rich meadows, at about 2,000m we were above the tree line, with fine vistas all around. Common Spotted Orchids, *Oxytropis campestris*, *Gypsophila repens*, and *Orobanche gracilis* were among the many flowers on the roadsides. We had good views of Red Squirrel.

Having reached the pass we set out on foot and walked slowly towards the bulk of Nuvolau, enjoying stunning views down the valley to Cortina, and a sublime mountain backdrop in all directions. Initially the acid sward held many fine flowers. There were many Alpine Pasque Flowers, much *Geum montanum*, and several *Androsace obtusifolia*. Amid many Trumpet Gentians were a few Spotted Gentians in bud, and we would later find it in flower. *Potentilla aurea* was common. There was much *Ranunculus montanus* and several *Ranunculus kuepferi*.

I was very pleased to find Creeping Azalea still in fine bloom, and we would see much today. A highlight was an Asp Viper, which coiled through my laid down umbrella and then across the azalea, beautiful. Marlene kept her distance (not keen on snakes!).

We moved very slowly along the narrow path admiring the fine floral show. We found the first of several Frog Orchids, and there were many Small White Orchids were coming into flower. *Homogyne alpina* was here and the tiny *Thesium alpinum* was a good find. Flowers continued with *Daphne striata*, *Ajuga pyramidalis*, and *Veronica alpina*.

We reached limestone boulders that supported fine rock gardens. Among the beautiful species here were Pink Cinquefoil, *Saxifraga paniculata*, *Achillea clavennae*, Mossy Sandwort, Moss Campion, *Paederota bonarota*, *Phyteuma sieberi*, *Viola biflora*, *Draba dubia*, *Valeriana saxatilis*, and *Helianthemum alpestre*. *Dryas octopetala* was very commonly in flower, and creeping on the ground and rocks were Least Willow and Thyme-leaved Willow.

Further along the geology changed and *Rhododendron ferrugineum* was replaced by *Rhododendron hirsutum*, a calcicole, and here we found *Rhodothamnus chamaecistus* in superb flower. *Ranunculus hybridus* with its distinctively shaped leaves was numerous in flower this year, but a search failed to locate the *Pedicularis rosea* that we usually see here. *Pinus cembra* was a feature, and wet flushes had much Bird's-eye Primrose.

The display flight song of Water Pipits was a constant accompaniment, we had distant views of Alpine Choughs, Ring Ouzel was here, Northern Wheatear, and Redpoll. We made our way back to the refuge where we used the facilities.

I drove some way towards Cortina to get away from the crowds, mainly the cyclists and bikers, and found a suitable forest site where I set out the lunch. Among the plants here were *Anemone trifolia* and *Dactylorhiza lapponica*.

Another stop just below the col, on acidic soil, yielded very many *Soldanella pusilla* in fine flower, as well as beautiful *Primula minima*, the combination of the two very attractive. A rocky slope supported much Roseroot. *Cerastium cerastioides* flowered in wet flushes. There was again much *Pulsatilla alpina* and by recent snow melt a few perfect *Pulsatilla vernalis*. Common Frog was seen.

Boulders on the other side of the pass had very many *Paedarota bonarota* but the *Primula auricula* was over. A fine Early Purple Orchid was admired. The diminutive *Woodsia pulchella* was here, at the only place we have seen it on the tour. Marmots whistled but were much less in evidence than is usual here. A nesting Ring Ouzel was encountered.

At the last stop of the day was the special Single-leaved Bog Orchid, *Malaxis monophyllos*, growing at the forest edge. Meadows at eye level had a fine flora, Dark Columbine in fine form, with very many Common Twayblades.

Day 5 Thursday 21st June

Marmolada, Fedaia, and Serrai di Sottoguda

The weather was again fine as we set out for Marmolada. In Sottoguda a brief shopping stop allowed a quick stroll around this interesting old village, with a collection of scarecrows a feature. A short drive took us over the Fedaia Pass and to the large reservoir at the base of Marmolada. As we walked towards the cage lift, on rocks were fine Alpine Butterwort, *Silene alpestris*, Net-leaved Willow, *Veronica aphylla*, *Achillea atrata*, *Arabis bellidifolia*, and *Pyrola rotundifolia*. I was very pleased to find a few Coralroot Orchids in perfect flower. This was the first time we had seen *Valeriana elongata* here. Small Blue frequented Kidney Vetch.

We all took the open cage lifts up to a refugio at 2626m. It's always a great experience going up in the chair lift, either alone or in pairs, and admiring the superb vistas, and the changing vegetation below as one slowly ascends to the high alpine environment. There was of course still much snow on the mountain today, but much less than on recent visits and our exploration at the top was mainly on open limestone with only occasional snow patches, where recently the opposite has been the case. The sun shone and we were soon removing our extra layers, put on in anticipation of cold weather at this high altitude. Flowers seen on the way up included *Silene acaulis*, *Gentiana clusii*, and *Gentiana orbicularis*.

As always I insisted on an acclimatisation stop in the refuge, not a hardship as they serve very good tea, coffee, hot chocolate, and cakes! We admired the superb vistas all around, of the Sella group, Cuch, etc.

After the refreshments and a general sense of delight at being in such a wonderful place, we set out for a short excursion across the snow and slopes to find some plants. Plants are always few and far between up here, but those we see are very special. There was very much of the very attractive *Thlaspi rotundifolium*, several *Arabis caerulea*, *Arabis bellidifolia*, and *Arabis alpina*. One cushion of *Saxifraga oppositifolia* was in flower, but unusually there was only one *Saxifraga sedoides* in flower this year. *Petasites paradoxus* in perfect flower was a bonus. Small Tortoiseshell was on the wing, and we saw Alpine Grizzled Skipper. Alpine Choughs finally put in an appearance.

Having enjoyed a marvellous visit to this different world, it was time to descend in the chair lift.

At a slightly lower altitude, we explored a meadow just below the Passo Fedaia. The large marmot colony here was evidenced by the many burrows, and occasional calls, but where were they today? In this beautiful meadow were very many showy plants including *Centaurea nervosa* in bud, very many Lesser Butterfly Orchids, *Nigritella rhellicani*, *Traunsteinera globosa*, Martagon Lilies, and Small White Orchids. A lone *Primula halleri* was a bonus. The many Moonworts here were remarkably large. Woodland Ringlet, Alpine Heath, and Marsh Fritillary flew over the slopes.

Nearby I set out the picnic, where were many St. Bruno's Lilies.

Another short drive took us to the Sottoguda gorge where we set out to walk the length of the gorge. Sooty Copper was here, and a small flowered eyebright was *Euphrasia salisburgensis*. A blue and white 'train' drove people up and down the gorge, and this year most were cheerful enough to wave to us. Rocks were festooned with *Saxifraga crustata*, together with fine *Paedarota bonarota*, *Saxifraga caesia* (in bud), and Devil's Claw in bud. In the same community were *Kernera saxatilis*, *Potentilla caulescens* (in leaf), and *Rhamnus pumila*. Two species of *Aconitum*, *Aconitum variegatum* and *Aconitum napellus*, were in leaf this year.

Chrysosplenium alternifolium and *Lonicera alpigena* were among the many other plants. A highlight was the bladder fern *Cystopteris montana*, a few fine fronds, a species which had been new for the tour last year. The highlight was some five Lady's Slippers in fine flower. Fine waterfalls cascaded down the steep walls of the gorge. An impressive harvestman was seen and an interesting if sad find was a dead Water Shrew.

We finished the walk in Sottoguda village and whilst everyone enjoyed an ice cream I walked back up to collect the mini-bus. I will admit I intended to take the motorised train back up, but the timings just did not work and I would have had to wait for some time for it.

Heavy rain came before I got back to the vehicle, but I did have an umbrella. The group almost made it to the gelateria before the downpour!

Day 6 Friday 22nd June Gares, San Lucano, Passo Duran

A rather different day today saw us visiting some sites to the south at lower altitudes, which produced a wealth of new plants and a few butterflies.

Initially we drove past the large reservoir at Alleghe, to Gares where a small circular path leads through boulder strewn forest.

Driving up the valley we just had to stop for meadows that were full of Orange Lilies. Quite a sight. At our destination the woods were full of ferns with Oak and Beech Fern being particularly common, *Dryopteris dilatata*, and *Cystopteris sudetica* in fine form. Boulders had Yellow Wood Violets, Alpine Clematis, much Interrupted Clubmoss, *Rosa pendulina*, and fruiting Alpine Butterwort. There were some beautiful *Moneses uniflora* in flower. Herb Paris and *Chrysosplenium alternifolium* were under the trees, and *Streptopus amplexifolius*. There was a fine selection of mosses and some beautiful diminutive fungi.

On the nearby river gravels were *Papaver aurantiacum*, *Parnassia palustris*, *Gypsophila repens*, and *Saxifraga rotundifolia*. These gravels always turn up some interesting plants whose seed has been washed down from higher altitudes. I was very pleased to find again the very local endemic crucifer *Rhizobotrya alpina* that I had first found here four years ago. Two fine examples were found. Although not a particularly striking plant it is a significant record, and is the only member of its genus. *Polygala vulgaris oxyptera*, *Pritzelago alpina*, and *Thlaspi rotundifolium* were

here too, and *Campanula cochlearifolia* was in flower. *Astragalus alpinus* was here this year. Nearby was *Tephrosieris tenuifolia*. Surrounding meadows had more Orange Lilies, and False Heath Fritillary settled on the road.

Lower roadsides had almost black flowered *Phyteuma ovatum*, and just before the village was extremely robust *Campanula latifolia*.

Next we continued south to San Lucano where very impressive sheer cliffs rise up on each side of the narrow verdant valley. The small lake here has been much 'sanitised', with a paved path and fences installed. I set out the lunch, which we enjoyed in this peaceful location. Arran Browns and Woodland Brown were on the wing. Around the lake were *Melampyrum velebaticum*, *Lonicera alpigena*, Dark Red Helleborines, and *Chaerophyllum aureum*. In the lake were a few Brown Trout, and Emperor Dragonfly patrolled.

Next we approached the Duran Pass from the southern side. The roadsides here were very floriferous, with a highlight the striking pink *Linum viscosum*. At the Col Grass of Parnassus flowered in a wet flush full of Bottle Sedge. Other sedges included *Carex echinata* and *Carex davalliana*. Also here were *Galium palustre*, *Lathyrus ochraceus*, *Ligusticum mutellina* and *Senecio alpinus*. A highlight was a fine Thor's Fritillary that nectared, allowing photographs. *Scirpus sylvaticus* formed dense stands on one slope. A lovely click beetle was found. With a green thorax, bronze elytra, and serrate antenna I had thought this would be straightforward to identify, but.....

Heading back towards the hotel, a quick side road stop yielded a rosette of *Saxifraga hostii*, *Hieracium humile*, and *Rosa tomentella* was identified.

Back in our village one boulder had quite a number of new plants for the tour. Here were *Lathyrus sylvestris*, *Lathyrus latifolius*, *Sedum montanum*, *Sedum album*, *Sedum dasyphyllum*, *Trifolium rubens*, and *Digitalis grandiflora*, and *Juniperus sabina* crept over the rocks.

Day 7 Saturday 23rd June Fedaia

Another superb day was spent exploring predominantly igneous rock outcrops near a refugio, to which we were driven in a four wheel drive by the refuge owners. There was hardly a cloud in the sky, but there was a rather chilly light wind.

With all travelling comfortably inside the vehicle, I had quite an exciting journey in the back of the pick up! Once all at the refuge we enjoyed the simply sublime views in all directions. Across the valley there was much snow on Marmolada, and a whole complex series of peaks and valleys all around us. After a quick tea etc. at the refuge we set out to explore. *Gentiana brachyphylla* was in beautiful flower. There were *Leucanthemopsis alpina*, *Draba siliquosa*, *Draba aizoides*, *Arabis alpina*, *Linaria alpina*, *Androsace obtusifolia*, and Alpine Toadflax. Almost immediately the first King of the Alps was found in superb flower, and this always very special plant was extremely numerous up here today. A highlight for all. The same acidic rocks had

much *Saxifraga exarata*, *Minuartia recurva*, *Silene exscapa*, and *Juncus jacquinii*. A few *Papaver aurantiacum* were in bloom, and *Polygala alpina*.

Alpine Choughs were less in evidence than usual around the refuge. Water Pipits sang, and Black Redstart and Alpine Accentors were here. A Red-necked Footman was a very high altitude record for the species (c.800m higher than usual upper limit).

Our walk was punctuated by many more flowers, especially on the rocky outcrops. *Minuartia sedoides* was in fine form, as were Trumpet Gentians and Net-leaved Willow, and *Artemisia genipi* was a pleasing find. King of the Alps continued superb. Snowdon Lily was in fine form, and there was much *Primula minima* in flower. Dewy Ringlets, Mountain Green-veined White, and Woodland Ringlets were on the wing. Many *Soldanella pusilla* flowered by snow melt.

Many Spotted Gentians were in bloom, there were superb *Geum reptans* and *Ranunculus glacialis*, *Saxifraga depressa* was a highlight, and *Saxifraga oppositifolia* was in fine flower. Also seen were Fir Clubmoss, Chamois Cress, and *Ligusticum mutellinoides*. Very fine cushions of *Androsace alpina* were a feature this year and there was also very much *Androsace vitaliana*. The attractive grass *Oreochloa disticha* was a feature of the habitat. There were very many more Snowdon Lilies. The variety continued with *Astragalus alpinus*, Alpine Clubmoss, and many more *Primula minima*.

We enjoyed a superb lunch in the refuge, before taking a walk in the opposite direction.

Many Early Purple Orchids were a feature, and there were *Semprevivum montanum* rosettes. The boulders had much more King of the Alps. Interesting were several calcicoles on the acidic boulders and turf, such as *Sedum atratum carinthiacum*, *Rhododendron hirsutum*, and *Draba dubia*. Whilst Bob waited for us to return from the furthest point of our walk he saw three Chamois. Moonworts were in the turf and Alpine Pasque Flowers were numerous.

Back at the refuge there was the choice of taking the 4WD down, or to walk. On the way down those of us walking found very many fine rosettes of *Semprevivum wulfenii*, and *Primula halleri*.

Before reaching the hotel we stopped at the snow globe shop to allow for important kitsch souvenir shopping!

Betty and Marlene caused chaos at the hotel this evening, earning themselves black marks! They managed to break the table football by losing their table tennis ball somewhere inside it!

Day 8 Sunday 24th June Fontanafredda

After a short picnic shopping stop, we headed up to Staulanza, making our first stop just below the pass. Here was just one of the diminutive Lesser Twayblade this year, hidden under the trees, which took some finding, and Coralroot Orchids were in fruit. This is a reliable site for Lady's Slipper and this was still in fine flower, approachable and a real highlight. There was much else of interest including One-flowered Wintergreen, Verticillate Lousewort, Dragonmouth, and *Anemone trifolia* still in flower.

A very short drive took us to the track we call Fontanafredda where we spent the rest of the day, at altitudes between 1700 and 1900m, admiring the wealth of plants. The views of Pelmo and Civetta were periodically superb.

Luzula luzuloides rubella was a prominent feature along the track, and *Phyteuma orbiculare* were in flower. *Chaerophyllum hirsutum* was especially lush, mostly pink flowered, and there was fine Alpine Sow-thistle. Some large open meadows boasted a great floral variety including Globeflowers, the very attractive orange *Crepis aurea*, Small White Orchids, and *Arnica montana*. Butterflies included Woodland Ringlet, Bright-eyed Ringlet, a beautiful Large Blue nectaring on thyme, and Pearl-bordered Fritillary. Nutcrackers called and were seen flying between the spruces.

Wet flushes were characterised by very many Alpine Marsh Orchids and the cottony heads of *Eriophorum angustifolium*. Here too was fine *Pinguicula vulgaris*. Sedges were again a feature today, among them *Carex paniculata*, *Carex panicea*, *Carex flava*, *Carex pallescens*, *Carex ornithopoda*, *Carex hirta*, *Carex davalliana* and *Carex leporina*. *Pedicularis palustris* and *Cirsium helenioides* were here.

For lunch we drove some way down the valley to a site near Dont where Marsh Helleborines were in fine flower, and we found Limestone Woundwort.

The afternoon saw us returning to Fontanafredda, driving further up the track, and setting out on foot. Rock Speedwell was on boulders, and *Clematis alpina* and *Moehringia muscosa* flowered under the trees. Frog Orchids and Black Vanilla Orchids were rather common in short turf where *Pedicularis elongata* was in flower.

It was one flowery slope that supported all the best flowers here. There was much *Gentianella germanica*, fine Alpine Asters, a good number of Burnt-tip Orchids, fine *Campanula barbata*, beautiful *Traunsteinera globosa*, Chives, and Rock Soapwort. Nearby was the only *Scorzonera aristata* of the tour.

We reached a grassy slope that afforded extensive views down to the Cadore valley, the slope yellow with *Ranunculus carinthiacus*. *Veronica fruticulosa* flowered on the rocks here. A male Ghost Swift was a good find.

Day 9 Monday 25th June

Falzarego, Valparola, Andraz, Belvedere

Our last full day saw us visiting a variety of sites, and we found many new things. First we drove up to the Falzarego Pass, where we explored an area away from the very busy pass itself. Indeed there were as usual many cyclists, motorbikes, and cars today. There was also an Aston Martin photo shoot. There was a fine flora at the pass. *Rhodothamnus chamaecistus* was in flower, *Minuartia austriaca* was new for us, and there were a few *Pedicularis rosea* in bloom. I was very pleased to find the diminutive *Valeriana elongata*, with several on one rock face. At the furthest point of our walk *Gentiana terglouensis* was the highlight, with *Saxifraga androsacea* a close second. Also notable were *Anemone baldensis*, *Ranunculus hybridus*, *Armeria alpina*, and *Thlaspi alpestre*.

At another site we walked to a small lake where wet flushes had beautiful *Gentiana bavarica* in flower. Chives was a feature. Boulders had some fine Edelweiss. There were many fine *Pedicularis rostratocapitata*, and some interesting hybrids between this and *Pedicularis elongata*, with pinkish yellow flowers. A few *Saussurea discolor*, and fruiting *Callianthemum coriandrifolium* were two very interesting species that we had first found here last year. *Hedysarum hedysaroides* was in fine form. The highlight here was superb *Chamorchis alpina*, at a site where we first found this always special species a few years ago. There were several perfect plants. There were also many fine *Papaver aurantiacum*.

At a lower altitude I set out the lunch near Andraz Castle where wet flushes had *Juncus triglumis*, *Triglochin palustris*, and *Carex limosa*. A walk to the castle itself yielded Large Blue, *Astragalus hypoglottis gremlii*, and *Erysimum rhaeticum*. Marmots were in the meadows around the castle.

The Belvedere viewpoint gave fine views down to Caprile, and several new plants included *Linaria angustissima*, *Sorbus austriaca*, and *Asplenium septentrionale*. Tall *Peucedanum verticillare* was impressive, and *Juniperus sabina* covered the rocks. Most notable for me was several *Orobanche purpurea* parasitising the *Achillea*. Also here were *Ajuga genevensis* and a selection of stonecrops, namely *Sedum telephium*, *Sedum montanum*, *Sedum album*, and *Sedum dasyphyllum*. *Aurinia saxatilis* was naturalised and *Epilobium roseum* was identified.

We arrived back at the hotel a little earlier than usual to allow packing time before a final run through the checklists. It had been a superbly productive and enjoyable tour and we reflected on that during our last excellent dinner.

Day 10 Tuesday 26th June

Departure

An early start was necessary for the drive to Venice Airport, but as usual the excellent hotel had prepared an early breakfast for us. The journey went smoothly, and we arrived on schedule. But oh my, Venice Marco Polo was very busy today. There we said our sad farewells. I then went picnic shopping in a nearby supermarket before meeting my next group, some in Venice, some at Treviso Airport, for the Central Italian Alps tour. All assembled we headed west. There followed another fine tour in the Central Alps.

Dolomites Systematic Lists 2018

Compiled by Paul Cardy

Itinerary

- Day 1.** Sunday 17th June. Arrival. Venice to Claut via Vajont.
- Day 2.** Monday 18th June. Cimoliana.
- Day 3.** Tuesday 19th June. Claut, Settimana, Passo Staulanza, Rocca Pietore.
- Day 4.** Wednesday 20th June. Passo di Giau. Posalz.
- Day 5.** Thursday 21st June. Marmolada, Fedaiia, Sottoguda.
- Day 6.** Friday 22nd June. Gares, San Lucano, Duran, Rocca Pietore.
- Day 7.** Saturday 23rd June. Fedaiia.
- Day 8.** Sunday 24th June. Staulanza. Fontanafredda. Dont.
- Day 9.** Monday 25th June. Falzarego, Valparola, Andraz, Belvedere.
- Day 10.** Tuesday 26th June. Departure.

Systematic List Number 1

Plants

Nomenclature and systematic order follow 'Flora Alpina', by Aeschimann et al., 2004. Species recorded in previous years but not 2018 are annotated with the year in which they were last seen. Species added this year are annotated 2018. All species with no year annotation were of course seen this year.

A. PTERIDOPHYTA Ferns and their allies

Lycopodiaceae

<i>Huperzia selago</i>	Fir Clubmoss	Day 8.
<i>Lycopodium annotinum</i>	Interrupted Clubmoss	Cimoliana and Gares.
<i>Lycopodium clavatum</i>	Stag's-horn Clubmoss	Cimoliana 2015.
<i>Diphasiastrum alpinum</i>	Alpine Clubmoss	Fedaia.

Selaginellaceae

<i>Selaginella selaginoides</i>	Lesser Clubmoss	Moist limey turf and rocks, Passo di Giau, Cimoliana, and Serrai di Sottoguda.
<i>Selaginella helvetica</i>	Swiss Clubmoss	Moist mossy rocks/walls in Serrai di Sottoguda, Cimoliana, and Gares.

Equisetaceae

<i>Equisetum hyemale</i>	Dutch Rush	San Lucano 2012.
<i>Equisetum variegatum</i>	Variiegated Horsetail	Scattered records, e.g. San Lucano.
<i>Equisetum fluviatile</i>	Water Horsetail	Fontanafredda.
<i>Equisetum palustre</i>	Marsh Horsetail	Settimana and San Lucano.
<i>Equisetum arvense</i>	Common Horsetail	Scattered records, e.g. Fontanafredda.
<i>Equisetum telmateia</i>	Giant Horsetail	Marsh Helleborine site.

Ophioglossaceae

<i>Botrychium lunaria</i>	Moonwort	Fedaia.
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Polypodiaceae

<i>Adiantum capillis-veneris</i>	Maidenhair Fern	Sottoguda Gorge.
<i>Polypodium vulgare</i>	Common Polypody	Cimoliana, San Lucano, Sottoguda, Giau, etc.
<i>Pteridium aquilinum</i>	Bracken	Fontanafredda, Gares, Duran
<i>Oreopteris limbosperma</i>	Lemon-scented Fern	San Osvaldo 2013.
<i>Phegopteris connectilis</i>	Beech Fern	Common at Gares, Fontanafredda, Cimoliana, etc.
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Rocks at San Lucano, Gares, Giau, Friulani, etc.
<i>Asplenium viride</i>	Green Spleenwort	Limestone ledges and boulders on Passo di Giau, Fontanafredda, Serrai di Sottogud Settimana, Cimoliana, and at Gares.
<i>Asplenium adiantum-nigrum</i>	Black Spleenwort	Dolomiti Friulani 2017.
<i>Asplenium onopteris</i>	Western Black Spleenwort	Serrai di Sottoguda and Gares, 2010.
<i>Asplenium septentrionale</i>	Forked Spleenwort	Belvedere.
<i>Asplenium seelosii</i>	a spleenwort	Cimoliana.
<i>Asplenium ruta-muraria</i>	Wall-rue	Rock at Fontanafredda, Cimoliana, Giau, Gares, and Sottoguda.

<i>Asplenium scolopendrium</i>	Hart's-tongue Fern	Barcis 2017.
<i>Athyrium filix-femina</i>	Lady-fern	Forest at Settimana Fontanafredda, Cimoliana, and Gares.
<i>Cystopteris fragilis</i>	Brittle Bladder-fern	Widespread.
<i>Cystopteris alpina</i>	Alpine Bladder-fern	Recorded in the past.
<i>Cystopteris montana</i>	Mountain Bladder-fern	Sottoguda Gorge.
<i>Cystopteris sudetica</i>	a bladder-fern	Some fine examples at Gares.
<i>Woodsia pulchella</i>	a woodsia	Calcareous rocks below Passo di Giau.
<i>Gymnocarpium dryopteris</i>	Oak Fern	Rocky forest at Gares.
<i>Gymnocarpium robertianum</i>	Limestone Fern	Cimoliana etc., locally common.
<i>Matteucia struthiopteris</i>	Ostrich Fern	San Lucano, Gares valley.
<i>Polystichum lonchitis</i>	Holly Fern	Cimoliana and Sottoguda Gorge.
<i>Polystichum aculeatum</i>	Hard Shield Fern	Barcis 2017.
<i>Polystichum setiferum</i>	Soft Shield Fern	Cimoliana 2017.
<i>Dryopteris filix-mas</i>	Male Fern	Cimoliana etc.
<i>Dryopteris affinis</i>	Scaly Male Fern	Scattered records, e.g. Sottoguda.
<i>Dryopteris villarii</i>	Mountain Fern	Cimoliana.
<i>Dryopteris dilatata</i>	Broad Buckler-fern	
<i>Dryopteris expansa</i>	Northern Buckler-fern	

B. CONIFEROPSIDA Conifer trees and their allies

Pinaceae

<i>Abies alba</i>	Silver Fir	Cimoliana.
<i>Picea abies</i>	Norway Spruce	Widespread—mainforest dominant at mid-altitudes.
<i>Larix decidua</i>	European Larch	Frequent in middle altitudes, locally dominant just below treeline.
<i>Pinus nigra</i>	Austrian Pine	Dolomiti Friulani.
<i>Pinus sylvestris</i>	Scots Pine	Forest at middle altitudes, e.g. Friulani.
<i>Pinus mugo</i>	Dwarf Mountain Pine	Often dominant 1800-2100m (higher on Marmolada), and locally down to middle levels in the understory.
<i>Pinus cembra</i>	Arolla Pine	Scattered, mostly at high altitude, often with latter e.g. Passo di Giau.

Cupressaceae

<i>Cupressus sempervirens</i>	Italian Cypress	Roadsides lower down.
<i>Juniperus communis communis</i>	Juniper	Dolomiti Friulani.
<i>Juniperus communis alpina</i>		Passo di Giau etc.
<i>Juniperus sabina</i>	Savin	Belvedere, Andraz, and Rocca Pietore.

C. ANGIOSPERMS - DICOTYLEDONES

Aristolochiaceae

<i>Asarum europaeum</i>	Asarabacca	In leaf Dolomiti Friulani.
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Ranunculaceae

<i>Helleborus viridis</i>	Green Hellebore	Leaves at San Boldo 2010.
<i>Callianthemum coriandrifolium</i>		In fruit on rocks at Valparola.

<i>Trollius europaeus</i>	Globeflower	Widespread, common in meadows at all levels e.g. Fontanafredda, Passo di Giau, Duran, Cimoliana, Fedaia, and Passo Staulanza.
<i>Actaea spicata</i>	Baneberry	Leaves Cimoliana 2016.
<i>Caltha palustris</i>	Marsh Marigold	Common at Fontanafredda, Duran, and Passo di Giau.
<i>Aconitum lycoctonum</i> ssp. <i>neapolitanum</i>	Wolfsbane	Widespread, e.g. Claut, Cimoliana, Duran.
<i>Aconitum anthora</i>	A monk's-hood	Leaves noted 2014.
<i>Aconitum variegatum</i>	A monk's-hood	Sottoguda, in leaf this year.
<i>Aconitum napellus</i>	Monk's-hood	Sottoguda, in leaf this year, ssp. <i>tauricum</i> ?
<i>Anemone trifolia</i>	a wood-anemone	Scattered records, e.g. Duran, Fontanafredda, and Cimoliana.
<i>Anemone baldensis</i>	Monte Baldo Anemone	A few at Valparola.
<i>Hepatica nobilis</i>	Hepatica	In leaf.
<i>Pulsatilla alpina</i>	Alpine Pasque Flower	Widespread and common above 1500m e.g. Fontanafredda (in fruit), Fedaia, and Passo di Giau.
<i>Pulsatilla vernalis</i>	Spring Pasque Flower	Passo di Giau and Fedaia.
<i>Clematis vitalba</i>	Traveller's-joy	In leaf.
<i>Clematis recta</i>	Ground Clematis	Barcis 2017.
<i>Clematis alpina</i>	Alpine Clematis	Forest margins and boulder-scrub at Fontanafredda, Passo di Giau, foot of Marmolada chairlift, Cimoliana, Fedaia, and Gares.
<i>Clematis viticella</i>	a clematis	Venice (PC).
<i>Ranunculus tuberosus</i>	a buttercup	Cimoliana, Fontanafredda, etc.
<i>Ranunculus repens</i>	Creeping Buttercup	
<i>Ranunculus lanuginosus</i>	a buttercup	Friulani woods.
<i>Ranunculus acris</i>	Meadow Buttercup	Widespread.
<i>Ranunculus carinthiacus</i>	a buttercup	Fontanafredda grassy slope, Duran, etc.
<i>Ranunculus montanus</i>	a buttercup	Widespread at higher altitudes.
<i>Ranunculus venetus</i>	a buttercup	
<i>Ranunculus breyninus</i>	a buttercup	
<i>Ranunculus sardous</i>	Hairy Buttercup	Cimoliana 2010.
<i>Ranunculus auricomus</i>	Goldilocks	Fontanafredda 2009.
<i>Ranunculus hybridus</i>	Hybrid Buttercup	In flower at Giau and Valparola.
<i>Ranunculus platanifolius</i>	a buttercup	Common in woods at mid levels e.g. Fontanafredda, Gares, San Lucano, below Fedaia, and below Giau.
<i>Ranunculus glacialis</i>	Glacier Crowfoot	Several in flower at Fedaia.
<i>Ranunculus kuepferi</i>	a buttercup	Passo di Giau and Fedaia
<i>Aquilegia vulgaris</i>	Common Columbine	San Lucano 2017.
<i>Aquilegia atrata</i>	Dark Columbine	Scattered records, e.g. Cimoliana.
<i>Aquilegia einseleana</i>	a columbine	Val Cimoliana and Settimana.
<i>Thalictrum aquilegifolium</i>	Great Meadow-rue	Gares, Sottoguda, and Fedaia.
<i>Thalictrum foetidum</i>	Foetid Meadow-rue	Sottoguda 2018.
<i>Thalictrum minus</i>	Lesser Meadow-rue	Locally common Dolomiti Friulani, and Day 6.
<i>Berberidaceae</i>		
<i>Berberis vulgaris</i>	Barberry	Cimoliana, Claut, Gares, etc.
<i>Papaveraceae</i>		
<i>Papaver rhoeas</i>	Corn Poppy	Scattered records.

<i>Papaver aurantiacum</i>	Alpine Poppy	Settimana, Valparola, and Fedaia.
<i>Chelidonium majus</i>	Greater Celandine	Claut.
<i>Eschscholtzia californica</i>	California Poppy	Naturalised locally on roadsides, 2014.
<i>Ulmaceae</i>		
<i>Ulmus glabra</i>	Wych Elm	Dolomiti Friulani.
<i>Ulmus minor</i>	an elm	Dolomiti Friulani.
<i>Ulmus laevis</i>	Large-leaved Elm	Near Venice.
<i>Celtis australis</i>	Nettle-tree	Venice area.
<i>Moraceae</i>		
<i>Ficus carica</i>	Fig	Roadsides near Venice.
<i>Urticaceae</i>		
<i>Urtica dioica</i>	Stinging Nettle	Widespread.
<i>Urtica urens</i>	Annual Nettle	Cimoliana upper rocks (eutrophied!).
<i>Parietaria officinalis</i>	Common Pellitory	
<i>Juglandaceae</i>		
<i>Juglans regia</i>	Walnut	Cimolais.
<i>Fagaceae</i>		
<i>Fagus sylvatica</i>	Beech	The typical forest dominant below 1500m.
<i>Betulaceae</i>		
<i>Betula pendula</i>	Silver Birch	Dolomiti Friulani.
<i>Alnus viridis</i>	Green Alder	Often forming low scrub on the treeline, but also on forest edges lower down e.g. Fontanafredda, Cimoliana, below Passo di Giau, and Passo di Fedaia.
<i>Alnus incana</i>	Grey Alder	San Lucano, Gares, Vajont, etc.
<i>Carpinus betulus</i>	Hornbeam	Local, e.g. Cimoliana.
<i>Ostrya carpinifolia</i>	Hop Hornbeam	Locally common in Dolomiti Friulani and Longarone area.
<i>Corylus avellana</i>	Hazel	Widespread.
<i>Chenopodiaceae</i>		
<i>Chenopodium bonus-henricus</i>	Good King Henry	Cattle-frequented margins at Fontanafredda, Cimoliana, and by car-parks at Passo di Giau etc. Cimoliana etc.
<i>Chenopodium album</i>	Fat Hen	Cimoliana 2012.
<i>Atriplex patula</i>	Common Orache	
<i>Caryophyllaceae</i>		
<i>Arenaria huteri</i>	a sandwort	Cimoliana, endemic. In fine flower on lower cliffs and river gravels.
<i>Arenaria biflora</i>	a sandwort	Fedaia p.m., 2012.
<i>Arenaria serpyllifolia</i>	Thyme-leaved Sandwort	Sottoguda Gorge.
<i>Moehringia trinervia</i>	Three-veined Sandwort	Forest at Fontanafredda, 2010.
<i>Moehringia muscosa</i>	Mossy Sandwort	Mossy boulders etc., in forest at Gares, Fontanafredda, Sottoguda, and Cimoliana etc.
<i>Moehringia ciliata</i>	a sandwort	Valparola, and Gares gravels.
<i>Moehringia bavarica</i>	a sandwort	Fedaia 2012.

<i>Minuartia recurva</i>	Sickle-leaved Sandwort	Locally common on acid rocks, e.g. Giau and Fedaia.
<i>Minuartia austriaca</i>	a sandwort	Valparola.
<i>Minuartia verna verna</i>	Spring Sandwort	Foot of Marmolada chairlift, Fedaia, and Giau rocks, etc.
<i>Minuartia verna collina</i>		Apparently this subspecies at Fedaia.
<i>Minuartia sedoides</i>	Mossy Cyphel	Passo di Giau, Falzarego, and Fedaia.
<i>Stellaria nemorum</i>	Wood Stitchwort	Fontanafredda and Gares.
<i>Stellaria media</i>	Common Chickweed	Sottoguda.
<i>Stellaria holostea</i>	Greater Stitchwort	Duran 2014.
<i>Stellaria graminea</i>	Lesser Stitchwort	Dry meadows at Fontanafredda, Settimana, and Cimoliana.
<i>Cerastium cerastoides</i>	Starwort Mouse-ear	Giau.
<i>Cerastium tomentosum</i>	Snow-in-Summer	Naturalised at Andraz.
<i>Cerastium arvense</i>	Field Mouse-ear	Widespread.
<i>Cerastium alpinum</i>	Alpine Mouse-ear	Cimoliana 2016.
<i>Cerastium uniflorum</i>	a mouse-ear	Fedaia, in leaf.
<i>Cerastium latifolium</i>	a mouse-ear	Marmolada, in flower, 2017.
<i>Cerastium carinthiacum ssp.austroalpinum</i>		Passo di Giau, in leaf this year.
<i>Cerastium subtriflorum</i>	a mouse-ear	Cimoliana gravels and Settimana.
<i>Cerastium sylvaticum</i>	a mouse-ear	Andraz 2017.
<i>Cerastium fontanum</i>	Common Mouse-ear	Scattered records.
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	
<i>Myosoton aquaticum</i>	Water Chickweed	Settimana.
<i>Sagina saginoides</i>	Alpine Pearlwort	Fedaia and Giau.
<i>Sagina procumbens</i>	Procumbent Pearlwort	Recorded.
<i>Scleranthus annuus</i>	Annual Knawel	Fontanafredda 2017.
<i>Silene coronaria</i>		Caprile 2010. 2012 near Vajont.
<i>Silene flos-cuculi</i>	Ragged Robin	Duran.
<i>Silene italica</i>	Italian Catchfly	Giau.
<i>Silene nutans</i>	Nottingham Catchfly	Scattered records.
<i>Silene vulgaris</i>	Bladder Campion	Widespread.
<i>Silene saxifraga</i>	a catchfly	Cimoliana.
<i>Silene acaulis</i>	Moss Campion	Limestone boulders and ledges on Passo Giau etc.
<i>Silene exscapa</i>	a moss campion	On acidic substrates at Fedaia.
<i>Silene rupestris</i>	Rock Campion	Fontanafredda and Fedaia.
<i>Silene pusilla</i>	Alpine Catchfly	Foot of Marmolada chairlift and Dolomiti Friulani.
<i>Silene veselskyi</i>	a catchfly	Cimoliana.
<i>Silene dioica</i>	Red Campion	Widespread.
<i>Gypsophila repens</i>	Alpine Gypsophila	Widespread and locally common, e.g. Gares, Claut, and Posalz.
<i>Saponaria ocymoides</i>	Rock Soapwort	Fontanafredda.
<i>Saponaria officinalis</i>	Soapwort	Roadsides.
<i>Petrorhagia saxifraga</i>	Tunic Flower	Dolomiti Friulani.
<i>Dianthus barbatus</i>	Sweet William	San Lucano 2017.
<i>Dianthus sternbergii</i>	a fringed pink	Val Cimoliana.
<i>Dianthus sylvestris</i>	Wood Pink	Andraz, Belvedere, and Vajont.
<i>Dianthus superbus</i>	Fringed Pink	Fedaia meadows 2017.
<i>Polygonaceae</i>		
<i>Polygonum aviculare</i>	Common Knotgrass	Marco Polo airport.
<i>Polygonum bistorta</i>	Bistort	
<i>Polygonum viviparum</i>	Alpine Bistort	Grassland at Fontanafredda, Staulanza, Passo di Giau, Fedaia, Duran, and Dolomiti Friulani.
<i>Fallopia convolvulus</i>	Black Bindweed	Val Cimoliana 2010.

<i>Oxyria digyna</i>	Mountain Sorrel	Fedaia.
<i>Rumex acetosella</i>	Sheep's Sorrel	Scattered records.
<i>Rumex scutatus</i>	French Sorrel	Widespread, e.g. Passo di Fedaia, and Dolomiti Friulani.
<i>Rumex alpestris</i>	Mountain Dock	Fedaia and Giau.
<i>Rumex acetosa</i>	Common Sorrel	Scattered records.
<i>Rumex alpinus</i>	Monk's Rhubarb	Frequent in eutrophied pasture, etc., e.g. Fontanafredda and Passo di Fedaia.
<i>Rumex crispus</i>	Curled Dock	Recorded.
<i>Rumex conglomeratus</i>	Clustered Dock	
<i>Rumex obtusifolius</i>	Broad-leaved Dock	Recorded.
Plumbaginaceae		
<i>Armeria alpina</i>	Mountain Thrift	Falzarego.
Hypericaceae		
<i>Hypericum montanum</i>	Pale St. John's-wort	In bud.
<i>Hypericum maculatum</i>	Imperforate St. John's-wort	In leaf 2017.
<i>Hypericum perforatum</i>	Common St John's-wort	Scattered records.
Tiliaceae		
<i>Tilia platyphyllos</i>	Large-leaved Lime	
<i>Tilia cordata</i>	Small-leaved Lime	
Malvaceae		
<i>Malva alcea</i>	Hollyhock Mallow	Vajont 2012.
<i>Malva sylvestris</i>	Common Mallow	Roadsides lower down.
Cistaceae		
<i>Helianthemum nummularium</i>	Common Rockrose	Dolomiti Friulani, Fontanafredda
<i>Helianthemum alpestre</i>	Alpine Rockrose	Passo di Giau and Fedaia.
<i>Helianthemum canum canum</i>	Hoary Rockrose	Limestone rocks at Fontanafredda, 2016.
Violaceae		
<i>Viola riviniana</i>	Common Dog Violet	Fontanafredda.
<i>Viola canina</i>	Heath Dog Violet	Fontanafredda 2010.
<i>Viola palustris</i>	Bog Violet	Giau.
<i>Viola biflora</i>	Yellow Wood Violet	Widespread in shade and among rocks e.g. at Fontanafredda, Passo di Giau, Fedaia, Gares, Cimoliana.
<i>Viola tricolor</i>	Heartsease	Rocca Pietore 2017.
<i>Viola arvensis</i>	Field Pansy	Recorded.
<i>Viola kitaibeliana</i>	Dwarf Pansy	Day 6.
Tamaricaceae		
<i>Myricaria germanica</i>	German Tamarisk	River gravels at Caprile, 2012.
Salicaceae		
<i>Salix pentandra</i>	Bay Willow	Gares.
<i>Salix alba</i>	White Willow	San Lucano and roadsides lower down.
<i>Salix reticulata</i>	Net-leaved Willow	Frequent on limestone rocks and screes on Passo di Giau, Fedaia, Valparola, and foot of Marmolada chairlift.

<i>Salix herbacea</i>	Least Willow	Drier exposed acidic ridges Fedaia, Passo di Giau, and Valparola.
<i>Salix retusa</i>	Retuse-leaved Willow	Limestone, Falzarego.
<i>Salix serpyllifolia</i>	Thyme-leaved Willow	Passo di Giau, Falzarego.
<i>Salix breviserrata</i>	Finely-toothed Willow	Limestone boulder waste and scree on Passo di Giau.
<i>Salix alpina</i>	a willow	Scree and rocks high on Fedaia, Giau, Falzarego, and Marmolada.
<i>Salix glaucosericea</i>	Silky Willow	Grassy slopes below Refugio Fredarola, 2010.
<i>Salix myrsinifolia</i>	Dark-leaved Willow	Scattered records at mid-altitudes, e.g. Cimoliana.
<i>Salix mielichhoferi</i>	a willow	Marmolada, Giau.
<i>Salix glabra</i>	Alpine Willow	
<i>Salix appendiculata</i>	an alpine willow	Scattered records, e.g. Cimoliana and Vajont.
<i>Salix cinerea</i>	Grey Willow	San Lucano.
<i>Salix caprea</i>	Goat Willow	Forest edge at Fontanafredda, San Lucano, Dolomiti Friulani, etc.
<i>Salix foetida</i>	Fishy Willow	
<i>Salix walsteiniana</i>	a willow	Dolomiti Friulani, locally common.
<i>Salix hastata</i>	Large-stipuled Willow	
<i>Salix elaeagnos</i>	a willow	River gravels of San Lucano, and Dolomiti Friulani.
<i>Salix purpurea</i>	Purple Osier	Scattered, e.g. San Lucano, Vajont, and Dolomiti Friulani.
<i>Populus alba</i>	White Poplar	Towards Venice.
<i>Populus tremula</i>	Aspen	Forest edges San Lucano, Dolomiti Friulani, etc.
<i>Populus nigra</i>	Black Poplar	
Brassicaceae		
<i>Descurainia sophia</i>	Flixweed	Gares 2014.
<i>Erysimum rhaeticum</i>	a Treacle Mustard	Andraz and Sottoguda.
<i>Barbarea vulgaris</i>	Common Winter-cress	A few records.
<i>Barbarea verna</i>	American Winter-cress	Claut 2018.
<i>Armoracia rusticana</i>	Horse-radish	Caprile 2010.
<i>Cardamine pentaphyllos</i>	Five-leaflet Bittercress	In fruit, Sottoguda.
<i>Cardamine enneaphyllos</i>	Drooping Bittercress	In fruit, Dolomiti Friulani.
<i>Cardamine amara</i>	Large Bittercress	Spring marshes at Gares and Passo di Giau.
<i>Cardamine resedifolia</i>	Mignonette-leaved Bittercress	Giau and Fedaia.
<i>Cardamine impatiens</i>	Fine-leaved Bittercress	Sottoguda.
<i>Cardaminopsis halleri</i>		Fontanafredda 2009.
<i>Arabis sagittata</i>	a rockcress	Seen on the first day, 2018.
<i>Arabis hirsuta</i>	Hairy Rock-cress	Cimoliana etc. 2017.
<i>Arabis turrita</i>	Tower Cress	Above Longarone, and Barcis, in fruit, 2017.
<i>Arabis caerulea</i>	Blue Arabis	Marmolada, in flower.
<i>Arabis bellidifolia</i>	a rockcress	Marmolada and Falzarego.
<i>Arabis subcoriacea</i>	a rockcress	Below Giau 2015.
<i>Arabis alpina</i>	Alpine Rockcress	Fedaia, Marmolada, Gares.
<i>Turritis glabra</i>	Tower Mustard	Day 6, 2018.
<i>Aurinaria saxatilis</i>	Golden Alison	Naturalised at Belvedere, 2018.
<i>Draba aizoides</i>	Yellow Whitlow Grass	Fedaia.

<i>Draba hoppeana</i>	a whitlow grass	In flower on Marmolada, 2015
<i>Draba siliquosa</i>	Carinthian Whitlow Grass	Several at Fedaia.
<i>Draba dubia</i>	Austrian Whitlow Grass	Passo di Giau.
<i>Draba fladnizensis</i>	Arctic Draba	1 at Fedaia, 2014.
<i>Kerneria saxatilis</i>	Kerneria	Settimana, Andraz, Sottoguda, and Giau.
<i>Rhizobotrya alpina</i>		2 fine plants on Gares gravels, where first found four years ago. Central Alps endemic.
<i>Capsella bursa-pastoris</i>	Shepherd's-purse	Scattered records.
<i>Pritzelago alpina</i>	Chamois Cress	Marmolada, Fedaia, and Gares river gravels.
<i>Hymenolobus pauciflorus</i>		Cimoliana, at two sites at base of cliffs.
<i>Thlaspi arvense</i>	Field Pennycress	Recorded 2012.
<i>Thlaspi alpestre</i>	Alpine Pennycress	Falzarego 2018.
<i>Thlaspi rotundifolium</i>	Round-leaved Pennycress	Many in flower Marmolada, also Gares gravels.
<i>Aethionema saxatile</i>	Burnt Candytuft	Claut dinosaur footprint site 2016.
<i>Biscutella laevigata</i>	Buckler Mustard	Widespread.
<i>Diplotaxis muralis</i>	Annual Wall-rocket	Caprile gravels 2012.
<i>Resedaceae</i>		
<i>Reseda lutea</i>	Yellow Mignonette	Cimoliana.
<i>Ericaceae</i>		
<i>Erica carnea</i>	Spring Heath	Widespread in open forest at Fontanafredda, in boulder waste on Passo di Giau, and Dolomiti Friulani. Locally dominant, many in flower. Fontanafredda 2017.
<i>Calluna vulgaris</i>	Heather or Ling	Patches on more leached grassland at Passo di Giau, where numerous, Fedaia, and Fontanafredda.
<i>Rhododendron ferrugineum</i>	Alpenrose	Local on limestone e.g. Passo di Giau, Marmolada, Serrai di Sottoguda, and common in Dolomiti Friulani.
<i>Rhododendron hirsutum</i>	Hairy Alpenrose	Boulder waste on Passo di Giau, and Falzarego.
<i>Rhodothamnus chamaecistus</i>	Dwarf Alpenrose	Passo di Giau, in fine flower this year.
<i>Loiseleuria procumbens</i>	Creeping Azalea	In leaf Cimoliana and Giau, in flower Andraz.
<i>Arctostaphylos uva-ursi</i>	Bearberry	Giau, in leaf.
<i>Arctostaphylos alpina</i>	Alpine Bearberry	Scattered in forest at Fontanafredda Cimoliana, Giau, Fedaia, and Gares etc.
<i>Vaccinium vitis-idaea</i>	Cowberry	Scattered on leached grassland on Passo di Giau, Valparola, and Fontanafredda.
<i>Vaccinium uliginosum</i>	Bog Whortleberry	Forest at Fontanafredda and among boulders on Passo di Giau. Also Dolomiti Friulani.
<i>Vaccinium myrtillus</i>	Bilberry	

Pyrolaceae

<i>Pyrola minor</i>	Lesser Wintergreen	Falzarego, in flower.
<i>Pyrola media</i>	Intermediate Wintergreen	Noted in fruit 2014.
<i>Pyrola rotundifolia</i>	Round-leaved Wintergreen	Cimoliana, Settimana, lower Marmolada and Fedaia.
<i>Orthilia secunda</i>	Nodding Wintergreen	Below Staulanza, 2017.
<i>Moneses uniflora</i>	One-flowered Wintergreen	Below Staulanza.
<i>Monotropa hypopitys</i>	Yellow Bird's-nest	San Osvaldo 2011.

Primulaceae

<i>Primula elatior</i>	Oxlip	1 in flower at Fedaia.
<i>Primula veris</i>	Cowslip	Scattered records in fruit.
<i>Primula farinosa</i>	Bird's-eye Primrose	Cimoliana, Passo di Giau, Fontanafredda, Duran, etc.
<i>Primula halleri</i>	Long-flowered Primrose	A few at Fedaia.
<i>Primula glutinosa</i>	a primrose	Many in fine flower at S.Pellegrino in 2014.
<i>Primula minima</i>	Least Primrose	In flower on Passo di Giau and Fedaia.
<i>Primula auricula</i>	Bear's-ear	In fruit below Passo di Giau.
<i>Androsace vitaliana</i>	Vitaliana	In flower at Fedaia.
<i>Androsace obtusifolia</i>	Blunt-leaved Rock-jasmine	Common on Fedaia, also Giau.
<i>Androsace villosa</i>	a rock-jasmine	This species at Fedaia, but apparently on acidic substrate? 2014.
<i>Androsace alpina</i>	Alpine Rock-jasmine	Several at Fedaia, in fine flower.
<i>Soldanella pusilla</i>	Dwarf Snowbell	Many in flower Passo di Giau and Fedaia.
<i>Soldanella minima</i>	Least Snowbell	Marmolada.
<i>Soldanella alpina</i>	Alpine Snowbell	In flower at Fedaia.
<i>Cyclamen purpurascens</i>	Sowbread	Dolomiti Friulani.
<i>Lysimachia vulgaris</i>	Yellow Loosestrife	Venice.
<i>Lysimachia nummularia</i>	Creeping Jenny	At the service station on the last day, 2016.
<i>Anagallis arvensis</i>	Scarlet Pimpernel	Venice.
<i>Samolus valerandi</i>	Brookweed	Sottoguda Gorge 2017.

Crassulaceae

<i>Sempervivum wulfenii</i>		Rosettes at Fedaia.
<i>Sempervivum arachnoideum</i>	Cobweb Houseleek	Fedaia 2017.
<i>Sempervivum montanum</i>	Mountain Houseleek	Rosettes at Fedaia.
<i>Sempervivum dolomiticum</i>	Dolomitic Houseleek	Ledges on Passo di Giau in the past.
<i>Sedum telephium</i>	Orpine	Belvedere and Rocca Pietore, in leaf.
<i>Sedum montanum</i>	a stonecrop	Rocca Pietore and Belvedere.
<i>Sedum rupestre</i>	Rock Stonecrop	
<i>Sedum acre</i>	Biting Stonecrop	Scattered, e.g. Cimoliana and Vajont.
<i>Sedum alpestre</i>	a stonecrop	Giau 2016.
<i>Sedum sexangulare</i>	a stonecrop	In flower at Vajont 2017.
<i>Sedum album</i>	White Stonecrop	Rocca Pietore and Belvedere.
<i>Sedum dasyphyllum</i>	Thick-leaved Stonecrop	Rocca Pietore and Belvedere.
<i>Sedum atratum</i>	Dark Stonecrop	Both nominate (Fontanafredda) and ssp. <i>carinthiacum</i> (Fedaia).
<i>Rhodiola rosea</i>	Roseroot	Locally common, e.g. Passo di Giau, Fedaia.

Saxifragaceae

<i>Saxifraga rotundifolia</i>	Round-leaved Saxifrage	Rocky forest at Fontanafredda, Gares, and Cimoliana.
<i>Saxifraga caesia</i>	Blue Saxifrage	Sottoguda gorge, Marmolada, and Valparola, in bud this year.
<i>Saxifraga squarrosa</i>	a saxifrage	Cimoliana river gravels, in fine flower.
<i>Saxifraga oppositifolia</i>	Purple Saxifrage	In flower Marmolada and Fedaia.
<i>Saxifraga crustata</i>	Encrusted Saxifrage	Sottoguda gorge, Gares, etc.
<i>Saxifraga hostii</i>	a saxifrage	One rosette near Avoscan.
<i>Saxifraga paniculata</i>	Livelong Saxifrage	Widespread and locally very common.
<i>Saxifraga bryoides</i>	Mossy Saxifrage	A few at Fedaia, in bud this year.
<i>Saxifraga aizoides</i>	Yellow Mountain Saxifrage	A few records.
<i>Saxifraga exarata</i>	Musky Saxifrage	Common on Fedaia.
<i>Saxifraga androsacea</i>	Scree Saxifrage	Valparola.
<i>Saxifraga depressa</i>	a saxifrage	A few in flower at Fedaia.
<i>Saxifraga facchini</i>	a saxifrage	Crevices and scree high on Marmolada 2012.
<i>Saxifraga sedoides</i>	a saxifrage	Marmolada, only one in flower this year.
<i>Chrysosplenium alternifolium</i>	Alternate-leaved Golden-saxifrage	Settimana, Gares, and Sottoguda.
<i>Parnassia palustris</i>	Grass-of-Parnassus	Gares gravels, Duran, Fontanafredda.
<i>Ribes petraeum</i>	Rock Redcurrant	Andraz and Gares.
Rosaceae		
<i>Spiraea decumbens</i>	a spiraea	sspp. <i>decumbens</i> and <i>hacquetii</i> at Cimoliana, and Settimana. Widespread.
<i>Aruncus dioicus</i>	Goatsbeard Spiraea	Scattered records, e.g. Cimoliana.
<i>Filipendula vulgaris</i>	Dropwort	Venice roadsides.
<i>Filipendula ulmaria</i>	Meadowsweet	Scattered records.
<i>Rubus fruticosus</i> agg.	Bramble	Fontanafredda.
<i>Rubus saxatilis</i>	Rock Bramble	Dolomiti Friulani and Fontanafredda.
<i>Rubus idaeus</i>	Raspberry	San Lucano 2010.
<i>Rubus phoenicolasius</i>	a bramble	Cimoliana 2017.
<i>Rubus caesius</i>	Dewberry	Cimoliana, Rocca Pietore, Belvedere.
<i>Rosa glauca</i>	Blue-leaved Rose	Gares.
<i>Rosa pendulina</i>	Alpine Rose	Scattered, e.g. Posalz, Cimoliana, and Gares.
<i>Rosa montana</i>	Mountain Rose	Dolomiti Friulani and Belvedere.
<i>Rosa canina</i>	Dog Rose	Near Avoscan 2018.
<i>Rosa tomentella</i>	Round-leaved Dog Rose	Sottoguda.
<i>Rosa tomentosa</i>	Harsh Downy-rose	Drier verges at lower altitudes.
<i>Agrimonia eupatoria</i>	Agrimony	Settimana 2013.
<i>Aremonia agrimonoides</i>	Bastard Agrimony	Vajont.
<i>Sanguisorba minor</i>	Salad Burnet	Widespread on limestone. Passo di Giau, Staulanza, Fedaia, Falzarego, Marmolada, and Dolomiti Friulani
<i>Dryas octopetala</i>	Mountain Avens	Fedaia in fine flower.
<i>Geum reptans</i>	Creeping Avens	Numerous on Passo di Giau and Fedaia. Abundant this year.
<i>Geum montanum</i>	Mountain Avens	Scattered records.
<i>Geum rivale</i>	Water Avens	Rocca Pietore 2017.
<i>Geum urbanum</i>	Herb Bennet	Gares valley 2017.
<i>Potentilla anserina</i>	Silverweed	Rocca Pietore.
<i>Potentilla recta</i>	Sulphur Cinquefoil	

<i>Potentilla crantzii</i>	Alpine Cinquefoil	Limestone grassland, scattered records.
<i>Potentilla aurea</i>	Golden Cinquefoil	Widespread and common in more acid grassland and margins of forest, e.g. Fontanafredda, Giau, Fedaia.
<i>Potentilla neumanniana</i>	a cinquefoil	Cimoliana etc.
<i>Potentilla erecta</i>	Tormentil	Widespread, e.g. Cimoliana.
<i>Potentilla reptans</i>	Creeping Cinquefoil	Day 1.
<i>Potentilla caulescens</i>	Lax Potentilla	Rocks in Serrai di Sottoguda, and Cimoliana, all in leaf.
<i>Potentilla nitida</i>	Pink Cinquefoil	Quite common on limestone boulders on and below Passo di Giau, in fine flower. Also Valparola.
<i>Sibbaldia procumbens</i>	Sibbaldia	Fedaia 2017.
<i>Fragaria vesca</i>	Wild Strawberry	Shade at mid-levels.
<i>Fragaria moschata</i>	a strawberry	Recorded.
<i>Fragaria viridis</i>	a strawberry	
<i>Alchemilla alpina</i>	Alpine Lady's-mantle	Passo di Giau.
<i>Alchemilla splendens</i>	a lady's-mantle	
<i>Alchemilla hybrida</i>	a lady's-mantle	
<i>Alchemilla xanthochlora</i>	a lady's-mantle	
<i>Alchemilla glabra</i>	a lady's-mantle	
<i>Sorbus aucuparia</i>	Mountain Ash	Widespread.
<i>Sorbus chamaemespilus</i>	Dwarf Medlar	Cimoliana, Giau.
<i>Sorbus aria</i>	Whitebeam	Cimoliana etc.
<i>Sorbus austriaca</i>	a whitebeam	Belvedere.
<i>Amelanchier ovalis</i>	Snowy Mespilus	Cimoliana etc.
<i>Cotoneaster horizontalis</i>	Wall Cotoneaster	Naturalised at Vajont, 2016.
<i>Cotoneaster integerrimus</i>	Wild Cotoneaster	Giau 2014.
<i>Cotoneaster tomentosus</i>	Brickberry Cotoneaster	Giau.
<i>Crataegus monogyna</i>	Hawthorn	
<i>Prunus spinosa</i>	Blackthorn	Venice area.
<i>Prunus avium</i>	Wild Cherry	
<i>Fabaceae</i>		
<i>Laburnum anagyroides</i>	Laburnum	Widespread.
<i>Cytisus nigricans</i>	Black Broom	Dolomiti Friulani.
<i>Chamaecytisus purpureus</i>	Purple Broom	All over this year in Val Cimoliana.
<i>Chamaecytisus hirsutus</i>	Hairy Broom	Fontanafredda, locally common.
<i>Genista tinctoria</i>	Dyer's Greenweed	Dolomiti Friulani.
<i>Genista radiata</i>	Southern Greenweed	Claut.
<i>Robinia pseudoacacia</i>	False Acacia	Numerous on roadsides.
<i>Galega officinalis</i>	Goat's-rue	West of Longarone 2017.
<i>Astragalus cicer</i>	Wild Lentil	In bud 2017.
<i>Astragalus hypoglottis gremlii</i>		Andraz.
<i>Astragalus penduliflorus</i>	Mountain Lentil	Locally very common at Fedaia 2017, not seen 2017.
<i>Astragalus alpinus</i>	Alpine Milk-Vetch	Fedaia.
<i>Astragalus australis</i>	Southern Milk-Vetch	Gares gravels.
<i>Astragalus glycyphyllos</i>	Wild Liquorice	San Lucano and Andraz.
<i>Oxytropis jacquinii</i>	Mountain Milk-Vetch	In leaf at Giau.
<i>Oxytropis neglecta</i>	a milk-vetch	Passo di Giau 2012.
<i>Oxytropis campestris</i>	Yellow Milk-Vetch	Scattered, e.g. below Passo di Giau, Fedaia, and Andraz.
<i>Vicia cracca</i>	Tufted Vetch	Widespread on roadsides.
<i>Vicia sylvatica</i>	Wood Vetch	Scattered records, e.g. Passo Duran.

<i>Vicia sepium</i>	Bush Vetch	Scattered records, e.g. Cimoliana and Andraz.
<i>Lathyrus vernus</i>	Spring Vetchling	In leaf Day 5.
<i>Lathyrus ochraceus</i>		Duran and Staulanza.
<i>Lathyrus pratensis</i>	Meadow Vetchling	Scattered in meadows e.g. Dolomiti Friulani, and San Lucano.
<i>Lathyrus sylvestris</i>	Narrow-leaved Everlasting-pea	Belvedere and Rocca Pietore.
<i>Lathyrus latifolius</i>	Broad-leaved Everlasting-pea	Rocca Pietore.
<i>Lathyrus heterophyllus</i>		San Lucano last stop 2017.
<i>Ononis spinosa</i>	Spiny Restharrow	A few records.
<i>Ononis repens</i>	Common Restharrow	San Lucano 2012.
<i>Melilotus altissimus</i>	Tall Melilot	
<i>Melilotus officinalis</i>	Ribbed Melilot	
<i>Melilotus albus</i>	White Melilot	Roadsides.
<i>Medicago lupulina</i>	Black Medick	Scattered records.
<i>Medicago sativa</i>	Lucerne	A few records.
<i>Medicago falcata</i>	Sickle Medick	Vajont and Day 8.
<i>Trifolium alpinum</i>	Alpine Clover	Passo di Fedaia.
<i>Trifolium montanum</i>	Mountain Clover	Meadows at Fontanafredda and Dolomiti Friulani, Giau, and below Fedaia.
<i>Trifolium repens</i>	White Clover	Scattered records.
<i>Trifolium pallescens</i>		Giau.
<i>Trifolium thallii</i>	Thale Cress	Giau.
<i>Trifolium hybridum</i>	Alsike Clover	Giau.
<i>Trifolium badium</i>	Brown Clover	Fontanafredda, Passo di Giau, Duran, etc.
<i>Trifolium aureum</i>	Large Trefoil	San Lucano 2017.
<i>Trifolium pratense</i>	Red Clover	Common.
<i>Trifolium medium</i>	Zigzag Clover	Andraz.
<i>Trifolium alpestre</i>		
<i>Trifolium rubens</i>		Rocca Pietore and Dont.
<i>Lotus corniculatus</i>	Common Bird's-foot-trefoil	Widespread in grassland.
<i>Lotus alpinus</i>	Alpine Bird's-foot-trefoil	Widespread above 2000m e.g. Passo di Giau.
<i>Lotus maritimus</i>	Dragon's-teeth	At the <i>Epipactis palustris</i> site. (<i>Tetragonolobus maritimus</i>).
<i>Anthyllis vulneraria</i>	Kidney-vetch	Widespread, various subspecies present.
<i>Coronilla vaginalis</i>		In leaf 2017.
<i>Securigera varia</i>	Crown-vetch	Day 9.
<i>Hippocrepis emerus</i>	False Senna	San Lucano, not in flower.
<i>Hippocrepis comosa</i>	Horseshoe-vetch	Widespread and locally common.
<i>Hedysarum hedysaroides</i>	Alpine Sainfoin	Valparola.
<i>Onobrychis montana</i>	Mountain Sainfoin	Giau and Day 9.
<i>Onobrychis arenaria</i>	Hungarian Sainfoin	Recorded 2015.
<i>Onobrychis viciifolia</i>	Common Sainfoin	Dolomiti Friulani etc.
<i>Elaeagnaceae</i>		
<i>Hippophaë rhamnoides</i>	Sea-buckthorn	
<i>Lythraceae</i>		
<i>Lythrum salicaria</i>	Purple Loosestrife	Roadsides near Venice.
<i>Thymelaeaceae</i>		
<i>Daphne laureola</i>	Spurge-laurel	
<i>Daphne mezereum</i>	Mezereon	In fruit Dolomiti Friulani.
<i>Daphne cneorum</i>	Garland Flower	Giau, Fedaia, 2016.
<i>Daphne striata</i>	a garland flower	Passo di Giau, Fedaia, Valparola.

Onagraceae

<i>Circaea alpina</i>	Alpine Enchanter's Nightshade	Gares 2017.
<i>Oenothera glazioviana</i>	Large-flowered Evening Primrose	Lower roadsides.
<i>Epilobium angustifolium</i>	Rosebay Willowherb	Widespread.
<i>Epilobium dodonaei</i>	a willowherb	Dolomiti Friulani, in leaf, 2016.
<i>Epilobium hirsutum</i>	Greater Willowherb	Roadsides lower down.
<i>Epilobium montanum</i>	Broad-leaved Willowherb	Friulani, etc. 2017.
<i>Epilobium alpestre</i>	Whorled-leaved Willowherb	Forest margins at Fontanafredda, Serrai di Sottaguda, and Duran. Not seen 2018.
<i>Epilobium obscurum</i>	Short-fruited Willowherb	River gravel at Gares, 2016.
<i>Epilobium roseum</i>	Pale Willowherb	Belvedere.
<i>Epilobium anagallidifolium</i>	Pimpernel-leaved Willowherb	Giau lunch site marsh, 2012.
<i>Epilobium alsinifolium</i>	Chickweed Willowherb	Fontanafredda 2011.

Cornaceae

<i>Cornus sanguinea</i>	Dogwood	
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Santalaceae

<i>Thesium pyrenaicum</i>	Pyrenean Bastard Toadflax	Recorded 2013.
<i>Thesium alpinum</i>	Alpine Bastard Toadflax	Scattered records.
<i>Thesium rostratum</i>	a bastard toadflax	Cimoliana.

Celastraceae

<i>Euonymus europaeus</i>	Spindle	
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Euphorbiaceae

<i>Mercurialis perennis</i>	Dog's Mercury	Scattered records in leaf 2017.
<i>Euphorbia dulcis</i>	Sweet Spurge	San Lucano 2014.
<i>Euphorbia helioscopia</i>	Sun Spurge	Sottoguda 2017.
<i>Euphorbia peplus</i>	Petty Spurge	Cimolais 2012.
<i>Euphorbia triflora</i> ssp. <i>kernerii</i>	a spurge	Cimoliana and Vajont.
<i>Euphorbia esula</i>	Leafy Spurge	Venice area.
<i>Euphorbia cyparissias</i>	Cypress Spurge	Cimoliana and Vajont.

Rhamnaceae

<i>Rhamnus saxatilis</i>	Rock Buckthorn	Vajont 2017.
<i>Rhamnus cathartica</i>	Buckthorn	Cimoliana 2017.
<i>Rhamnus alpina</i> ssp. <i>fallax</i>	Alpine Buckthorn	Dolomiti Friulani 2017.
<i>Rhamnus pumila</i>	Dwarf Buckthorn	Giau, Rocca Pietore, and Sottoguda.
<i>Frangula alnus</i>	Alder Buckthorn	Sottoguda.

Vitaceae

<i>Parthenocissus quinquefolia</i>	Virginia Creeper	This species Longarone cliffs? And San Lucano.
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Linaceae

<i>Linum viscosum</i>	Sticky Flax	Between Duran and Agordo.
<i>Linum tenuifolium</i>	a flax	A few at Vajont 2017.
<i>Linum catharticum</i>	Purging Flax	Scattered records.

Polygalaceae

<i>Polygala chamaebuxus</i>	Shrubby Milkwort	Fontanafredda and Giau.
<i>Polygala nicaeensis</i>	Nice Milkwort	Dolomiti Friulani, ssp. <i>forojulensis</i> .
<i>Polygala vulgaris</i>	Common Milkwort	Scattered records. ssp. <i>oxyptera</i> on Gares gravels.

<i>Polygala alpestris</i>	Mountain Milkwort	Scattered records. Rocky grassland at Fontanafredda and Passo di Giau, etc. 2017.
<i>Polygala amarella</i>	Dingy Milkwort	
<i>Polygala alpina</i>	Alpine Milkwort	Apparently this Fedaia, but out of range?
Aceraceae		
<i>Acer platanoides</i>	Norway Maple	Vajont. Widespread.
<i>Acer campestre</i>	Field Maple	
<i>Acer pseudoplatanus</i>	Sycamore	
Oxalidaceae		
<i>Oxalis corniculata</i>	Procumbent Yellow-sorrel	Claut.
<i>Oxalis stricta</i>	a sorrel	'Closed road' cliffs 2015.
<i>Oxalis acetosella</i>	Wood Sorrel	Scattered in leaf, in flower Claut.
Geraniaceae		
<i>Geranium macrorrhizum</i>	Rock Cranesbill	Barcis 2017. Vajont 2017. Dolomiti Friulani, Staulanza, Duran, Fontanafredda, Giau, etc. Locally very common. Recorded 2017.
<i>Geranium sanguineum</i>	Bloody Cranesbill	
<i>Geranium sylvaticum</i>	Wood Cranesbill	
<i>Geranium nodosum</i>	Knotted Cranesbill	Common in meadows and margins e.g. Dolomiti Friulani, Fontanafredda, Posalz and in Serrai di Sottoguda. Plants were all of var. <i>lividum</i> , much paler than further west in Europe. On the arrival day.
<i>Geranium phaeum</i>	Dusky Cranesbill	
<i>Geranium pyrenaicum</i>	Pyrenean Cranesbill	Andraz 2017. Vajont 2017. Scattered records.
<i>Geranium rotundifolium</i>	Round-leaved Cranesbill	
<i>Geranium dissectum</i>	Cut-leaved Cranesbill	
<i>Geranium robertianum</i>	Herb Robert	
Balsaminaceae		
<i>Impatiens parviflora</i>	Small Balsam	<i>Saxifraga hostii</i> site. Below Agordo, 2015.
<i>Impatiens glandulifera</i>	Himalayan Balsam	
Apiaceae		
<i>Sanicula europaea</i>	Sanicle	Settimana 2015.
<i>Chaerophyllum hirsutum</i>	Hairy Chervil	Widespread. Cimoliana, Giau, etc.
<i>Chaerophyllum villarsii</i>	a chervil	Scattered, e.g. Friulani.
<i>Chaerophyllum aureum</i>	a chervil	San Lucano.
<i>Anthriscus sylvestris</i>	Cow Parsley	Scattered records.
<i>Anthriscus nitida</i>	a cow parsley	Fontanafredda.
<i>Scandix pecten-veneris</i>	Shepherd's Needle	Andraz 2017.
<i>Myrrhis odorata</i>	Sweet Cicely	San Lucano 2017.
<i>Pimpinella major</i>	Great Burnet-saxifrage	Meadows and forest edge at Fedaia, Fontanafredda, Posalz, and below Giau.
<i>Pimpinella saxifraga</i>	Burnet-saxifrage	Dolomiti Friulani.
<i>Aegopodium podagraria</i>	Ground-elder	Rough meadow and forest edges at low-middle altitudes.
<i>Seseli libanotis</i>	Moon Carrot	Rocca Pietore boulders.
<i>Seseli kochii</i>	a moon carrot	Cimoliana.
<i>Athamanta cretensis</i>	Athamanta	Cimoliana, Sottoguda Gorge.
<i>Bupleurum ranunculoides</i>	Thorow-wax	Vajont 2015.

<i>ssp. caricinum</i>		
<i>Trinia glauca</i>	Honewort	Fedaia.
<i>Carum carvi</i>	Caraway	Cimoliana, Giau, etc.
<i>Ligusticum mutellinoides</i>	Unbranched Lovage	Fedaia.
<i>Ligusticum mutellina</i>	Alpine Lovage	Scattered, e.g. Passo di Giau, Staulanza, Duran, and Fontanafredda. Scattered in leaf. Lower roadsides, 2018. Cimoliana and Vajont. In leaf. Scattered records, e.g. base of Marmolada and Fedaia. Cimoliana and Belvedere. San Lucano and Vajont 2011. Widespread. Cimoliana and Claut. Scattered records. Cimoliana and Claut. Near Venice. Venice roadsides and Belvedere.
<i>Angelica sylvestris</i>	Wild Angelica	
<i>Ferulago campestris</i>	a masterwort	
<i>Peucedanum venetum</i>	Broad-leaved Spignel	
<i>Peucedanum cervaria</i>	Masterwort	
<i>Peucedanum ostruthium</i>		
<i>Peucedanum verticillare</i>	a masterwort	
<i>Pastinaca sativa</i>	Wild Parsnip	
<i>Heracleum sphondylium</i>	Hogweed	
<i>Laserpitium siler</i>	a sermountain	
<i>Laserpitium latifolium</i>	Broad-leaved Sermountain	
<i>Laserpitium peucedanoides</i>	a sermountain	
<i>Torilis japonica</i>	Upright Hedge-parsley	
<i>Daucus carota</i>	Wild Carrot	
Gentianaceae		
<i>Centaureum erythraea</i>	Common Centaury	Cimoliana 2017.
<i>Centaureum pulchellum</i>	Lesser Centaury	At the service station lunch stop on the arrival day 2018. In leaf Day 3. Passo di Giau and Fedaia. Val Cimoliana and Settimana, in leaf. In leaf at Cimoliana. One at Fontanafredda 2010 was a new record for this tour, but not seen there since! Cimoliana (over), Marmolada. Fedaia and Passo di Giau. Scattered records. Fedaia and Passo di Giau. Marmolada, a few seen from the chair-lift. Wet flushes at Valparola. 2 plants at Valparola. In fruit. Cimoliana and Giau. 4 petals. Recorded 2012. Below Giau 2017. Fontanafredda.
<i>Gentiana lutea</i>	Yellow Gentian	
<i>Gentiana punctata</i>	Spotted Gentian	
<i>Gentiana asclepiadea</i>	Willow Gentian	
<i>Gentiana cruciata</i>	Cross Gentian	
<i>Gentiana prostrata</i>	a gentian	
<i>Gentiana clusii</i>	Clusius's Gentian	
<i>Gentiana acaulis</i>	Trumpet Gentian	
<i>Gentiana verna</i>	Spring Gentian	
<i>Gentiana brachyphylla</i>	a gentian	
<i>Gentiana orbicularis</i>	a gentian	
<i>Gentiana bavarica</i>	Bavarian Gentian	
<i>Gentiana terglouensis</i>	Triglav Gentian	
<i>Gentiana nivalis</i>	Snow Gentian	
<i>Gentiana utriculosa</i>	Bladder Gentian	
<i>Gentiana nana</i>		
<i>Gentiana pilosa</i>	a gentian	
<i>Gentiana germanica</i>	German (or Chiltern!) Gentian	
Aslepiadaceae		
<i>Vincetoxicum hirundinaria</i>	Swallow-wort	Dolomiti Friulani etc., locally common.
Solanaceae		
<i>Scopolia carniolica</i>		San Osvaldo, in fruit, 2008. 2010 in fruit at <i>Epipactis palustris</i> site below Passo Duran. Venice 2018. Claut. San Lucano gravels 2014!
<i>Solanum nigrum</i>	Black Nightshade	
<i>Solanum dulcamara</i>	Bittersweet	
<i>Solanum tuberosum</i>	Potato	

Convolvulaceae

<i>Cuscuta europaea</i>	Greater Dodder	San Lucano, parasitising <i>Urtica dioica</i> , 2014.
<i>Cuscuta epithymum</i>	Dodder	Cimolais 2014.
<i>Calystegia sepium</i>	Hedge Bindweed	Roadsides lower down.
<i>Convolvulus arvensis</i>	Field Bindweed	Lower roadsides.

Boraginaceae

<i>Echium vulgare</i>	Viper's Bugloss	Widespread.
<i>Pulmonaria officinalis</i>	Lungwort	Gares valley, in leaf.
<i>Pulmonaria vallisarsae</i>	a lungwort	In late flower at Fontanafredda 2018!
<i>Pulmonaria australis</i>	a lungwort	Fedaia and Giau.
<i>Symphytum officinale</i>	Common Comfrey	Cortina area roadsides 2013.
<i>Myosotis arvensis</i>	Field Forget-me-not	Fontanafredda.
<i>Myosotis discolor</i>	Changing Forget-me-not	Fontanafredda 2017.
<i>Myosotis sylvatica</i>	Wood Forget-me-not	Scattered, e.g. Fontanafredda.
<i>Myosotis alpestris</i>	Alpine Wood Forget-me-not	Scattered records at higher altitudes, e.g. Giau, Fedaia, Fontanafredda, locally very common.
<i>Myosotis scorpioides</i>	Water Forget-me-not	A few records.
<i>Eritrichium nanum</i>	King of the Alps	Very many fine examples at Fedaia. Abundantly in flower!
<i>Lappula deflexa</i>		In flower and fruit in Sottoguda gorge, 2017.

Verbenaceae

<i>Verbena officinalis</i>	Vervain	Recorded 2017.
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Lamiaceae

<i>Ajuga genevensis</i>	Blue Bugle	Belvedere and Posalz.
<i>Ajuga pyramidalis</i>	Pyramidal Bugle	Passo di Giau and Passo di Fedaia.
<i>Ajuga reptans</i>	Bugle	Cimoliana 2018.
<i>Teucrium montanum</i>	Mountain Germander	Vajont.
<i>Melittis melissophyllum</i>	Bastard Balm	A white flowered form in Settimana Valley.
<i>Galeopsis ladanum</i>	Broad-leaved Hemp-nettle	In leaf.
<i>Galeopsis speciosa</i>	Large-flowered Hemp-nettle	Fontanafredda, very common after logging disturbance. Not seen 2018.
<i>Salvia pratensis</i>	Meadow Clary	Widespread and common.
<i>Lamium album</i>	White Dead-nettle	Scattered records.
<i>Lamium galeobdolon</i>	Yellow Archangel	Cimoliana etc. [ssp. <i>flavidum</i>]
<i>Stachys alopecuroides</i>	Yellow Betony	Widespread.
<i>Stachys officinalis</i>	Betony	Vajont 2014.
<i>Stachys alpina</i>	Limestone Woundwort	<i>Epipactis palustris</i> site.
<i>Stachys sylvatica</i>	Hedge Woundwort	Scattered records.
<i>Stachys recta</i>	Yellow Woundwort	Day 6.
<i>Prunella grandiflora</i>	Large Self-heal	Dolomiti Friulani.
<i>Prunella vulgaris</i>	Self-heal	Scattered records.
<i>Acinos alpinus</i>	Alpine Calamint	Widespread.
<i>Acinos arvensis</i>	Basil Thyme	Sottoguda 2017.
<i>Clinopodium vulgare</i>	Wild Basil	San Lucano.
<i>Origanum vulgare</i>	Marjoram	Gares valley.
<i>Thymus praecox</i>	Hairy Thyme	
<i>Thymus pulegioides</i>	Large-flowered Thyme	Widespread.
<i>Lycopus europaeus</i>	Gipsywort	In leaf at Vajont 2011.
<i>Mentha longifolia</i>	Horse Mint	Scattered in leaf.

<i>Horminum pyrenaicum</i>	Dragonmouth	Widespread in limey grassland at Cimoliana, Fontanafredda, Passo di Giau, Staulanza, and Passo di Fedaia, etc.
<i>Salvia glutinosa</i>	Sticky Sage	In leaf in Dolomiti Friulani, San Lucano, etc.
<i>Salvia saccardiana</i>	a sage	Vajont.
<i>Plantaginaceae</i>		
<i>Plantago major</i>	Great Plantain	Recorded, ssp. <i>major</i> and <i>intermedia</i> .
<i>Plantago maritima serpentina</i>	a plantain	Cimoliana. Not recorded for Pordenone province in Flora Alpina.
<i>Plantago media</i>	Hoary Plantain	Widespread.
<i>Plantago lanceolata</i>	Ribwort Plantain	
<i>Buddlejaceae</i>		
<i>Buddleja davidii</i>	Buddleia	Occasionally naturalised on lower roadsides.
<i>Oleaceae</i>		
<i>Fraxinus ornus</i>	Manna Ash	
<i>Fraxinus excelsior</i>	Ash	Widespread.
<i>Ligustrum vulgare</i>	Privet	Dolomiti Friulani.
<i>Scrophulariaceae</i>		
<i>Verbascum thapsus</i>	Aaron's-rod	Scattered records.
<i>Verbascum pulverulentum</i>	Hoary Mullein	Belvedere etc.
<i>Verbascum chaixii</i>	a mullein	ssp. <i>australicum</i> in Dolomiti Friulani.
<i>Verbascum nigrum</i>	Dark Mullein	Scattered records, e.g. San Lucano.
<i>Scrophularia nodosa</i>	Common Figwort	Cimoliana etc.
<i>Scrophularia canina</i>	Alpine Figwort	Claut. Either this or the following species in fruit on San Lucano gravels.
<i>Scrophularia juratensis</i>	a figwort	
<i>Chaenorhinum minus</i>	Small Toadflax	Day 6.
<i>Linaria angustissima</i>	a Toadflax	Belvedere and Day 6.
<i>Linaria alpina</i>	Alpine Toadflax	Fedaia and Settimana.
<i>Digitalis grandiflora</i>	Large Yellow Foxglove	Scattered, e.g. Rocca Pietore.
<i>Veronica bellidioides</i>	Violet Speedwell	Fedaia.
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Scattered records, e.g. Giau and Fedaia. [ssp. <i>humifusa</i> and ssp. <i>serpyllifolia</i>]
<i>Veronica alpina</i>	Alpine Speedwell	Giau marsh.
<i>Veronica fruticans</i>	Rock Speedwell	Locally common at Fontanafredda.
<i>Veronica fruticulosa</i>	a speedwell	Fontanafredda, Andraz, and Belvedere.
<i>Veronica urticifolia</i>	Nettle-leaved Speedwell	Dolomiti Friulani, Gares, etc.
<i>Veronica teucrium</i>	a speedwell	Dolomiti Friulani 2011.
<i>Veronica aphylla</i>	Leafless-stemmed Speedwell	Ledges at foot of Marmolada chairlift.
<i>Veronica officinalis</i>	Heath Speedwell	Fontanafredda and Duran.
<i>Veronica chamaedrys</i>	Bird's-eye Speedwell	Meadow margins at Fontanafredda, Duran, Cimoliana, etc.
<i>Veronica montana</i>	Wood Speedwell	Gares 2015.

<i>Veronica beccabunga</i>	Brooklime	Settimana.
<i>Veronica persica</i>	Common Field Speedwell	Rocca Pietore 2017.
<i>Paederota bonarota</i>	Bluish Paederota	Limestone cliffs and boulders e.g.. Passo di Giau (and below), Serrai di Sottoguda, Cimoliana, and Andraz. San Lucano.
<i>Melampyrum velebiticum</i>	a cow-wheat	Scattered records.
<i>Melampyrum sylvaticum</i>	Wood Cow-wheat	Dolomiti Friulani and Fontanafredda, 2017.
<i>Melampyrum pratense</i>	Common Cow-wheat	Cimoliana 2017.
<i>Euphrasia rostkoviana</i>	an eyebright	Dolomiti Friulani.
<i>Euphrasia picta</i> ssp. <i>arguta</i>	an eyebright	Sottoguda gorge 2017, very small flowers.
<i>Euphrasia salisburgensis</i>	Irish Eyebright	Boggy flushes at Passo di Giau, Duran, Fedaia, Fontanafredda, and Valparola.
<i>Bartsia alpina</i>	Alpine Bartsia	Passo di Giau 2015.
<i>Pedicularis recutita</i>	a lousewort	A few at Valparola.
<i>Pedicularis rosea</i>	a lousewort	Widespread and common e.g. Cimoliana, Fedaia, Fontanafredda, and Passo di Giau.
<i>Pedicularis verticillata</i>	Verticillate Lousewort	Fontanafredda.
<i>Pedicularis palustris</i>	Marsh Lousewort	Passo di Giau and Fedaia.
<i>Pedicularis tuberosa</i>	Long-beaked Yellow Lousewort	Widespread.
<i>Pedicularis elongata</i>	a lousewort	Rather common at Valparola.
<i>Pedicularis rostratocapitata</i>	Beaked Lousewort	This hybrid at Valparola Fontanafredda etc.
<i>Pedicularis elongata</i> x <i>rostratocapitata</i>		
<i>Rhinanthus minor</i>	Yellow Rattle	
<i>Rhinanthus glacialis</i>	Aristate Yellow-rattle	
<i>Rhinanthus pampaninii</i>	a yellow-rattle	A subendemic, Val Cimoliana and Claut.
<i>Rhinanthus freynii</i>	a yellow-rattle	Cimoliana and Fontanafredda.
<i>Rhinanthus alectorolophus</i>	Greater Yellow-rattle	Widespread.
<i>Globulariaceae</i>		
<i>Globularia bisnagarica</i>	a globularia	Vajont and Dolomiti Friulani, gone over.
<i>Globularia cordifolia</i>	Matted Globularia	Dolomiti Friulani and Sottoguda, gone over.
<i>Orobanchaceae</i>		
<i>Orobanche purpurea</i>	Yarrow Broomrape	On <i>Achillea</i> at Belvedere. c.15 plants. Fontanafredda 2017.
<i>Orobanche alba</i>	Thyme Broomrape	Claut 2015, an interesting record.
<i>Orobanche teucrii</i>	Germander Broomrape	Parasitising <i>Teucrium montanum</i> . 2 at Claut 2015.
<i>Orobanche flava</i>	Butterbur Broomrape	Widespread.
<i>Orobanche gracilis</i>	Slender Broomrape	
<i>Lentibulariaceae</i>		
<i>Pinguicula alpina</i>	Alpine Butterwort	Locally in fine flower, at Passo di Giau, Marmolada at foot of chairlift, Gares, and Falzarego.
<i>Pinguicula leptoceras</i>	a butterwort	One fine patch in Giau marsh, 2017.
<i>Pinguicula vulgaris</i>	Common Butterwort	Fontanafredda and Andraz.

Campanulaceae

<i>Campanula persicifolia</i>	Peach-leaved Bellflower	Vajont, Dolomiti Friulani, and Day 6.
<i>Campanula barbata</i>	Bearded Bellflower	Fontanafredda.
<i>Campanula glomerata</i>	Clustered Bellflower	Widespread, e.g. Cimoliana and Posalz.
<i>Campanula cervicaria</i>	a clustered bellflower	Cimoliana 2016.
<i>Campanula spicata</i>	Spiked Bellflower	Roadsides west of Longarone, Vajont, Belvedere, etc.
<i>Campanula latifolia</i>	Giant Bellflower	Gares valley, with very large flowers.
<i>Campanula trachelium</i>	Nettle-leaved Bellflower	Dont.
<i>Campanula rapunculoides</i>	Creeping Bellflower	Scattered records.
<i>Campanula carnica</i>	a bellflower	San Lucano and Gares.
<i>Campanula cochlearifolia</i>	Fairy's Thimble	Gares gravels.
<i>Campanula cespitosa</i>	Tufted Harebell	Marmolada, on dam, seen from vehicle, 2017!
<i>Campanula scheuchzeri</i>	a bellflower	Meadows and rocks e.g. Cimoliana.
<i>Campanula rotundifolia</i>	Harebell	Cimoliana, Rocca Pietore, etc.
<i>Phyteuma spicatum</i>	Spiked Rampion	Duran.
<i>Phyteuma ovatum</i>	Dark Rampion	Gares valley etc.
<i>Phyteuma zahlbruckneri</i>	a rampion	Fontanafredda 2017.
<i>Phyteuma betonicifolium</i>	Betony-leaved Rampion	Gares valley and Fedaia 2017.
<i>Phyteuma orbiculare</i>	Round-headed Rampion	Locally common in meadows etc.
<i>Phyteuma sieberi</i>	a rampion	Rocks: Passo di Giau, lower Marmolada, and Falzarego.
<i>Phyteuma hemisphaericum</i>	Globe-headed Rampion	Fedaia, Passo di Giau etc., not in flower this year.
<i>Phyteuma globulariifolium</i>	Rosette-leaved Rampion	Fedaia, in leaf this year.
<i>Physoplexis comosa</i>	Devil's Claw	Cimoliana in especially fine flower. Claut in leaf. Serrai di Sottoguda in bud this year.

Rubiaceae

<i>Asperula aristata</i>	a squinancywort	Cimoliana 2017.
<i>Asperula cynanchica</i>	Squinancywort	Claut.
<i>Galium odoratum</i>	Woodruff	Forest floors in the past.
<i>Galium palustre</i>	Common Marsh Bedstraw	Passo Duran.
<i>Galium verum</i>	Lady's Bedstraw	Dolomiti Friulani.
<i>Galium mollugo</i>	Hedge Bedstraw	Scattered records.
<i>Galium album</i>	Upright Bedstraw	Belvedere.
<i>Galium lucidum</i>	Shining Bedstraw	
<i>Galium laevigatum</i>	a bedstraw	Dolomiti Friulani.
<i>Galium rubrum</i>	a bedstraw	San Martino 2013.
<i>Galium pumilum</i>	Slender Bedstraw	Widespread.
<i>Galium anisophyllum</i>	a bedstraw	
<i>Galium margaritaceum</i>	a bedstraw	Cimoliana gravels.
<i>Galium aparine</i>	Cleavers	A few records.
<i>Cruciata laevipes</i>	Crosswort	Scattered records.
<i>Cruciata glabra</i>	a Crosswort	Claut.

Caprifoliaceae

<i>Sambucus ebulus</i>	Dwarf Elder	Belvedere.
<i>Sambucus nigra</i>	Common Elder	Scattered records.
<i>Sambucus racemosa</i>	Red-berried Elder	
<i>Viburnum opulus</i>	Guelder Rose	

<i>Viburnum lantana</i>	Wayfaring Tree	Cellina gorge 2017.
<i>Lonicera caerulea</i>	Blue-berried Honeysuckle	Day 6.
<i>Lonicera alpigena</i>	Alpine Honeysuckle	In fruit at San Lucano and Sottoguda.
<i>Lonicera nigra</i>	Black-berried Honeysuckle	San Lucano and Gares in fruit.
<i>Lonicera xylosteum</i>	Fly Honeysuckle	Gares.
<i>Adoxaceae</i>		
<i>Adoxa moschatellina</i>	Moschatel	In flower at Gares, 2014.
<i>Valerianaceae</i>		
<i>Valeriana officinalis</i>	Common Valerian	A few records.
<i>Valeriana wallrothii</i>	a valerian	Scattered records, e.g. Dolomiti Friulani.
<i>Valeriana dioica</i>	Marsh Valerian	Boggy flushes, Fontanafredda and Duran.
<i>Valeriana tripteris</i>	Three-leaved Valerian	Scattered records, e.g. Fontanafredda.
<i>Valeriana montana</i>	a valerian	Widespread and reasonably common, e.g. Cimoliana, Fedaia, and Giau.
<i>Valeriana saxatilis</i>	Rock Valerian	Dolomiti Friulani, Passo di Giau, Andraz.
<i>Valeriana elongata</i>	a valerian	Many on one cliff at Falzarego. Three plants on lower Marmolada.
<i>Dipsacaceae</i>		
Having the <i>Knautia</i> and <i>Scabiosa</i> keys from Flora Europaea with me this year did nothing to clarify the identification of the species present!		
<i>Dipsacus fullonum</i>	Teasel	Near Venice.
<i>Dipsacus laciniatus</i>	Cut-leaved Teasel	Apparently this species, very robust, on Venice roadsides.
<i>Knautia drymeia</i>		Dolomiti Friulani.
<i>Knautia dipsacifolia</i>	Wood Scabious	Scattered woodland edge records.
<i>Knautia ressmannii</i>		Dolomiti Friulani.
<i>Knautia longifolia</i>		
<i>Knautia arvensis</i>	Field Scabious	Gares meadow, Posalz, etc.
<i>Scabiosa triandra</i>	a scabious	Cimoliana and San Lucano.
<i>Scabiosa columbaria</i>	Small Scabious	
<i>Lomelosia graminifolia</i>	a scabious	Near Claut, a few in fine flower.
<i>Asteraceae</i>		
<i>Eupatorium cannabinum</i>	Hemp-agrimony	Scattered records.
<i>Solidago virgaurea</i>	Goldrenrod	Local, e.g. Fedaia
<i>Aster alpinus</i>	Alpine Aster	Giau and Fontanafredda.
<i>Aster bellidiastrum</i>	False Aster	Dolomiti Friulani, Fontanafredda, Andraz.
<i>Erigeron annuus</i>	Annual Fleabane	Widespread and often numerous.
<i>Erigeron acer</i>	Blue Fleabane	Scattered records, e.g. Belvedere.
<i>Erigeron atticus</i>	Greek Fleabane	Passo di Giau.
<i>Erigeron alpinus</i>	Alpine Fleabane	Rocks on Passo di Giau, and Fedaia.
<i>Erigeron neglectus</i>	Neglected Fleabane	Fedaia and Falzarego.
<i>Erigeron glabratus</i>	Variable Fleabane	Giau 2017.
<i>Antennaria dioica</i>	Mountain Everlasting	Local in drier unshaded places at Cimoliana, Fontanafredda etc.
<i>Antennaria carpatica</i>	Carpathian Catsfoot	Fedaia and Giau.
<i>Leontopodium alpinum</i>	Edelweiss	Several at Valparola.

<i>Buphthalmum salicifolium</i>	Yellow Ox-eye	Verges and meadows, widespread, e.g. Dolomiti Friulani.
<i>Galinsoga ciliata</i>	a gallant soldier	Pavement weed.
<i>Achillea oxyloba</i>	Alpine Sneezewort	Near the Marmolada dam, and Valparola.
<i>Achillea erba-rotta</i> ssp. <i>moschata</i>	a milfoil	In leaf this year.
<i>Achillea atrata</i>	Dark-stemmed Sneezewort	Low on Marmolada, and at Valparola and Falzarego.
<i>Achillea clavennae</i>	Silvery Milfoil	Rocks on Passo di Giau and Fedaia.
<i>Achillea macrophylla</i>	Large-leaved Sneezewort	Dolomiti Friulani roadsides.
<i>Achillea millefolium</i>	Yarrow	Widespread.
<i>Achillea rosea</i> alb	a yarrow	Dolomiti Friulani.
<i>Tripleurospermum inodorum</i>	Scentless Mayweed	In leaf.
<i>Matricaria chamomilla</i>	Scented Mayweed	Recorded 2018.
<i>Matricaria discoidea</i>	Pineapple-weed	Pavement weed.
<i>Leucanthemopsis alpina</i>	Alpine Moon Daisy	Fedaia.
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	Dolomiti Friulani.
<i>Leucanthemum heterophyllum</i>	an ox-eye daisy	Widespread, e.g. Cimoliana.
<i>Artemisia vulgaris</i>	Mugwort	Scattered records.
<i>Artemisia absinthium</i>	Wormwood	Belvedere.
<i>Artemisia genipi</i>	a wormwood	Fedaia.
<i>Tussilago farfara</i>	Coltsfoot	Still in flower on Marmolada, and Fedaia.
<i>Petasites albus</i>	White Butterbur	Still in flower in Sottoguda Gorge 2014!
<i>Petasites hybridus</i>	Butterbur	Over this year.
<i>Petasites paradoxus</i>	Alpine Butterbur	Similar habitats to latter but at lower altitudes, in leaf and fruit.
<i>Homogyne alpina</i>	Alpine Coltsfoot	In leaf and fruit, Marmolada. Common in shade and among rocks e.g. Passo di Giau, Cimoliana, Fedaia, and Fontanafredda. Locally very common.
<i>Homogyne discolor</i>	an alpine coltsfoot	Valparola, in leaf this year.
<i>Adenostyles alliariae</i>	Adenostyles	Forests, margins and meadows, e.g. Giau.
<i>Adenostyles glabra</i>		Scattered, e.g. Dolomiti Friulani and Andraz.
<i>Arnica montana</i>	Arnica	Scattered in meadows at Fontanafredda, Fedaia, and Duran.
<i>Doronicum columnae</i>	Heart-leaved Leopard's-bane	In good flower at Falzarego.
<i>Doronicum glaciale</i>	a leopard's-bane	Fedaia 2015.
<i>Senecio incanus</i>	Grey Alpine Groundsel	Leached grassland, Passo di Giau, Fedaia. In leaf this year. [ssp. <i>carniolicus</i>]
<i>Senecio inaequidens</i>	Narrow-leaved Ragwort	Longarone roadsides, native to South Africa.
<i>Senecio germanicus</i> ssp. <i>glabratus</i>	Wood Ragwort	Fontanafredda.
<i>Senecio cacaliaster</i>	a ragwort	Fedaia roadsides 2017.
<i>Senecio alpinus</i>	Alpine Ragwort	Meadows and moist flushes at Fontanafredda, and at Passo Duran.
<i>Senecio rupestris</i>	Rock (Oxford) Ragwort	Roadsides.
<i>Senecio abrotanifolius</i>	a ragwort	A few in Settimana valley.
<i>Senecio vulgaris</i>	Common Groundsel	Claut.

<i>Tephrosieris tenuifolia</i>	a ragwort	Gares.
<i>Carlina acaulis</i>	Stemless Carline Thistle	Old fruiting heads.
<i>Arctium lappa</i>	Greater Burdock	Day 6.
<i>Arctium minus</i>	Lesser Burdock	
<i>Saussurea discolor</i>		Valparola boulders 2017 and 2018.
<i>Carduus nutans</i>	Musk Thistle	Claut.
<i>Carduus personata</i>	Great Marsh Thistle	Widespread in moist forest edges, e.g.
		Gares. Locally common.
<i>Carduus defloratus</i>	Alpine Thistle	Widespread. More than one subspecies present.
<i>Cirsium eriophorum</i>	Woolly-headed Thistle	Cimoliana 2014.
<i>Cirsium vulgare</i>	Spear Thistle	Venice Airport 2017.
<i>Cirsium montanum</i>	a thistle	
<i>Cirsium erisithales</i>	Yellow Melancholy Thistle	Widespread.
<i>Cirsium carnolicum</i>	a thistle	San Lucano.
<i>Cirsium oleraceum</i>	Cabbage Thistle	Dont.
<i>Cirsium spinosissimum</i>	Spiniest Thistle	Grassland on Passo di Giau, Fedaia, and Falzarego.
<i>Cirsium helenoides</i>	Melancholy Thistle	Fontanafredda.
<i>Cirsium palustre</i>	Marsh Thistle	San Lucano, Settimana, and Dont.
<i>Cirsium arvense</i>	Creeping Thistle	Scattered records.
<i>Centaurea dichroantha</i>	a knapweed	Yellow and purple forms in Cimoliana and Settimana.
<i>Centaurea scabiosa</i>	Greater Knapweed	Vajont.
<i>Centaurea jacea</i>	Brown Knapweed	Vajont, ssp. <i>angustifolia</i> ?
<i>Centaurea nigrescens</i>	a knapweed	Scattered records, e.g. Cimoliana.
<i>Centaurea pseudophrygia</i>	a knapweed	In bud Giau, 2018.
<i>Centaurea nervosa</i>	Plume Knapweed	Passo di Giau and Fedaia.
<i>Centaurea montana</i>	Perennial Cornflower	Vajont 2016.
<i>Centaurea triumfetti</i>	a mountain cornflower	Probably this species at Cimoliana, 2012.
<i>Centaurea sp.</i>	a knapweed	Near Venice 2017.
<i>Cichorium intybus</i>	Chicory	Verges lower down.
<i>Aposeris foetida</i>	Aposeris	Common under spruce e.g. Fontanafredda, Staulanza, and Cimoliana.
<i>Hypochoeris uniflora</i>	Giant Cat's-ear	Fedaia and Fontanafredda.
<i>Hypochoeris facchiniana</i>	a cat's-ear	Posalz and Fedaia.
<i>Hypochoeris radicata</i>	Cat's-ear	
<i>Leontodon helveticus</i>	a hawkbit	Fedaia.
<i>Leontodon hispidus</i>	Rough Hawkbit	Cimoliana, Settimana etc.
<i>Leontodon incanus incanus</i>		Dolomiti Friulani.
<i>Leontodon incanus tenuiflorus</i>	a hawkbit	
<i>Picris echioides</i>	Bristly Oxtongue	Venice area, Posalz.
<i>Picris hieracioides</i>	Hawkweed Oxtongue	Scattered records.
<i>Scorzonera aristata</i>	Bearded Viper's-grass	Upper Fontanafredda.
<i>Tragopogon pratensis</i>	Goatsbeard	Scattered records.
<i>Sonchus asper</i>	Prickly Sow-thistle	Belvedere etc.
<i>Sonchus oleraceus</i>	Smooth Sow-thistle	
<i>Lactuca serriola</i>	Prickly Lettuce	Roadsides lower down.
<i>Cicerbita alpina</i>	Alpine Sow-thistle	Fontanafredda.
<i>Prenanthes purpurea</i>	Purple Lettuce	San Lucano and Gares, in bud.
<i>Mycelis muralis</i>	Wall Lettuce	Scattered records.

<i>Taraxacum palustre</i>	Marsh Dandelion	Giau marsh, in leaf 2017. Not seen 2018.
<i>Taraxacum officinale</i>	Dandelion	Widespread.
<i>Taraxacum</i> spp.	Dandelions	Verges at Passo di Giau and scree/crevices high on Marmolada.
<i>Chondrilla chondrilloides</i>	a lettuce	Dolomiti Friulani, locally very common.
<i>Lapsana communis</i>	Nipplewort	Scattered, e.g. Fontanafredda.
<i>Crepis paludosa</i>	Marsh Hawksbeard	Locally common, e.g. Passo di Giau, Duran,
<i>Crepis aurea</i>	Golden Hawksbeard	and Fontanafredda.
<i>Crepis bocconeii</i>	a hawksbeard	Valparola 2015.
<i>Crepis alpestris</i>	a hawksbeard	Cimoliana 2015.
<i>Crepis froelichiana dinarica</i>	a hawksbeard	Pink flowers. Several in Cimoliana and Settimana.
<i>Crepis capillaris</i>	Smooth Hawk's-beard	Lower altitudes.
<i>Hieracium staticifolium</i>	a hawkweed	Cimoliana.
<i>Hieracium hoppeanum</i>	a hawkweed	Fontanafredda.
<i>Hieracium pilosella</i>	Mouse-ear Hawkweed	Fontanafredda and Giau.
<i>Hieracium lactucella</i>	a hawkweed	Day 6.
<i>Hieracium piloselloides</i>	a hawkweed	
<i>Hieracium cymosum</i>	a hawkweed	Passo Fedaia 2017.
<i>Hieracium aurantiacum</i>	Fox-and-Cubs	Passo Fedaia and Fontanafredda.
<i>Hieracium bifidum</i>	a hawkweed	Widespread.
<i>Hieracium villosum</i>	a hawkweed	Passo di Giau.
<i>Hieracium pilosum</i>	a hawkweed	Passo di Giau.
<i>Hieracium piliferum</i>	a hawkweed	
<i>Hieracium humile</i>	a hawkweed	3+ at the <i>Saxifraga hostii</i> site.

D. ANGIOSPERMS – MONOCOTYLEDONES

Butomaceae

<i>Butomus umbellatus</i>	Flowering-rush	Roadside ditches near Marco Polo airport. Not seen since 2014.
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Juncaginaceae

<i>Triglochin palustris</i>	Marsh Arrow-grass	Andraz.
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Araceae

<i>Arum italicum</i>	Italian Lords and Ladies	Near Venice 2017.
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Juncaceae

<i>Juncus jacquinii</i>	a rush	Giau and Fedaia, on acidic substrate.
<i>Juncus filiformis</i>	Thread Rush	Andraz.
<i>Juncus trifidus</i>	Three-leaved Rush	Acid grassland on Passo di Giau and Passo Fedaia.
<i>Juncus monanthus</i>	a rush	On calcareous substrates, Giau and low on Marmolada.
<i>Juncus compressus</i>	Round-fruited Rush	Claut.
<i>Juncus tenuis</i>	Slender Rush	Dolomiti Friulani.
<i>Juncus bufonius</i>	Toad Rush	Day 6, 2018.
<i>Juncus subnodulosus</i>	Blunt-flowered Rush	Recorded 2012.

<i>Juncus alpinoarticulatus</i>	Alpine Rush	Recorded 2018.
<i>Juncus articulatus</i>	Jointed Rush	Wet flushes, Dolomiti Friulani.
<i>Juncus triglumis</i>	Three-flowered Rush	Several in wet flushes at Andraz.
<i>Luzula campestris</i>	Field Woodrush	Fontanafredda and Giau etc.
<i>Luzula multiflora</i>	Many-flowered Woodrush	Scattered records.
<i>Luzula pallidula</i>	Fen Wood-rush	Fen at Gares 2015 and 2017.
<i>Luzula sudetica</i>	a woodrush	New for Belluno province?
<i>Luzula alpina</i>	Alpine Woodrush	More acid grassland at Passo di Giau, Fontanafredda, etc.
<i>Luzula spicata mutabilis</i>	a woodrush	Fontanafredda.
<i>Luzula sylvatica</i>	Great Woodrush	Acid sward at Giau 2016.
<i>Luzula sieberi</i>	a woodrush	Giau 2014.
<i>Luzula nivea</i>	a woodrush	At the 'north of Cortina' lunch site, 2016.
<i>Luzula luzuloides</i>	White Woodrush	Dolomiti Friulani etc.
<i>Luzula alpinopilosa</i>	a woodrush	Forests at Fontanafredda etc.
<i>Luzula glabrata</i>	a woodrush	ssp. <i>rubella</i> at Fontanafredda.
<i>Luzula pilosa</i>	Hairy Woodrush	Locally common on acidic substrates.
		Deep acid soils at Giau.
		Settimana.
Cyperaceae		
<i>Scirpus sylvaticus</i>	Wood Club-rush	Duran 2018.
<i>Trichophorum alpinum</i>	Cotton Deer-grass	Fontanafredda.
<i>Trichophorum caespitosum</i>	Deer-grass	Valparola and Giau bogs.
<i>Blysmus compressus</i>	Flat-headed Sedge	Settimana and Duran.
<i>Eriophorum angustifolium</i>	Common Cotton-grass	Wet flushes at Fontanafredda and Passo di Giau.
<i>Eriophorum latifolium</i>	Broad-leaved Cotton-grass	Settimana and Dont.
<i>Eriophorum vaginatum</i>	Hare's-tail Cotton-grass	Bog near Passo do Giau, in leaf.
<i>Eleocharis quinqueflora</i>	Few-flowered Spike-rush	Valparola.
<i>Eleocharis palustris</i>	Common Spike-rush	Fontanafredda 2012.
<i>Schoenus nigricans</i>	Black Bog-rush	Passo di Giau 2012.
<i>Elyna myosuroides</i>		Fedaia 2015.
<i>Carex paniculata</i>	Tussock Sedge	Settimana, Fontanafredda, and Duran.
<i>Carex appropinquata</i>	Fibrous Tussock Sedge	Duran 2018.
<i>Carex spicata</i>	Spiked Sedge	Cimoliana.
<i>Carex pairae</i>	a sedge	Vajont 2014.
<i>Carex divulsa</i>	Grey Sedge	Venice area.
<i>Carex stenophylla</i>	a sedge	Apparently this rather obscure species at Andraz, 2017. This would be a new record for Belluno province.
<i>Carex leporina</i>	Oval Sedge	Fontanafredda.
<i>Carex echinata</i>	Star Sedge	Duran.
<i>Carex dioica</i>	Dioecious Sedge	Giau.
<i>Carex davalliana</i>	Davall's Sedge	Duran and Fontanafredda.
<i>Carex lachenalii</i>	Hare's-foot Sedge	Giau bog 2015.
<i>Carex curvula</i>	Curved Sedge	On acidic substrate at Giau.
<i>Carex hirta</i>	Hairy Sedge	Andraz.
<i>Carex lasiocarpa</i>	Slender Sedge	Santa Croce lake shore 2014.
<i>Carex pseudocyperus</i>	Cyperus Sedge	San Lucano 2012.
<i>Carex rostrata</i>	Bottle Sedge	San Lucano lake and Duran.
<i>Carex pendula</i>	Pendulous Sedge	Venice area.
<i>Carex sylvatica</i>	Wood Sedge	Settimana.
<i>Carex capillaris</i>	Hair Sedge	Fontanafredda and Giau.
<i>Carex flacca</i>	Glaucous Sedge	Widespread and very common. Often very tall.

<i>Carex panicea</i>	Carnation Sedge	Marshes: Fontanafredda, Passo di Giau, Duran, and Dolomiti Friulani. Recorded 2011?
<i>Carex distans</i>	Distant Sedge	Dolomiti Friulani, Fontanafredda, etc.
<i>Carex flava</i>	Great Yellow-sedge	Dolomiti Friulani and Day 6. Fedaia 2017.
<i>Carex lepidocarpa</i>	Long-stalked Yellow Sedge	
<i>Carex demissa</i>	a yellow sedge	
<i>Carex viridula</i>	a yellow sedge	
<i>Carex pallescens</i>	Pale Sedge	Grassland and wood edges at Fontanafredda, Duran, and Dolomiti Friulani. Cimoliana. Gares 2017. Cimoliana and Fontanafredda. Scattered records, e.g. Giau. Passo di Giau rocks 2012. Giau 2018. Scattered records. Settimana. Dolomiti Friulani and Day 6. Locally very common. Widespread and common. Cimoliana etc. Locally common. Cellina gorge 2017. Widespread, e.g. Dolomiti Friulani. <i>ssp.ferruginea</i> and <i>australpina</i> . Giau. Gares 2014. Andraz. Fedaia and Valparola. [<i>ssp. aterrima</i>]
<i>Carex halleriana</i>	a sedge	
<i>Carex digitata</i>	Fingered Sedge	
<i>Carex ornithopoda</i>	Bird's-foot Sedge	
<i>Carex ornithopodioides</i>	a bird's-foot sedge	
<i>Carex humilis</i>	Dwarf Sedge	
<i>Carex caryophylla</i>	Spring Sedge	
<i>Carex montana</i>	Soft-leaved Sedge	
<i>Carex pilulifera</i>	Pill Sedge	
<i>Carex alba</i>	White-flowered Sedge	
<i>Carex sempervirens</i>	Evergreen Sedge	
<i>Carex firma</i>	a sedge	
<i>Carex mucronata</i>	a sedge	
<i>Carex ferruginea</i>	a sedge	
<i>Carex brachystachys</i>	a sedge	
<i>Carex frigida</i>	a sedge	
<i>Carex limosa</i>	Bog Sedge	
<i>Carex atrata</i>	Jet Sedge	
<i>Carex nigra</i>	Common Sedge	Marshy ground at Fontanafredda, Passo di Giau, Duran, etc. Passo di Giau. Fontanafredda 2017.
<i>Carex rupestris</i>	Rock Sedge	
<i>Carex pulicaris</i>	Flea Sedge	
Poaceae		
<i>Festuca paniculata</i>	a fescue	
<i>Festuca spectabilis</i>	a fescue	Cimoliana. Sottoguda 2016.
<i>Festuca gigantea</i>	Giant Fescue	
<i>Festuca pratensis</i>	Meadow Fescue	
<i>Festuca alpestris</i>	a fescue	This in Dolomiti Friulani?
<i>Festuca valesiaca</i>	a fescue	Common in grassland on Passo di Fedaia. Scattered records. Pecol 2012. 1 at Fontanafredda was a surprise, 2009. Widespread.
<i>Lolium perenne</i>	Perennial Rye-grass	
<i>Lolium multiflorum</i>	Italian Rye-grass	
<i>Catapodium rigidum</i>	Fern Grass	
<i>Poa annua</i>	Annual Meadow-grass	
<i>Poa trivialis</i>	Rough Meadow-grass	
<i>Poa pratensis</i>	Smooth Meadow-grass	
<i>Poa minor/Poa cenisia</i>	an alpine meadow-grass	One or both species present on Marmolada. Sottoguda. Scattered records, e.g. Fontanafredda.
<i>Poa nemoralis</i>	Wood Meadow-grass	
<i>Poa bulbosa</i>	Bulbous Meadow-grass	

<i>Poa alpina</i>	Alpine Meadow-grass	Grassy knolls and rocks at Fontanafredda, Passo di Giau, Fedaia, generally viviparous.
<i>Dactylis glomerata</i>	Cock's-foot	Widespread.
<i>Briza media</i>	Quaking Grass	Locally common, e.g. Fontanafredda and Dolomiti Friulani
<i>Sesleria sphaerocephala</i>		Rocks on Passo di Giau.
<i>Sesleria caerulea</i>		Limestone: Passo di Giau, Cimoliana, etc.
<i>Oreochloa disticha</i>		In attractive flower on acidic rocks, Fedaia.
<i>Melica nutans</i>	Mountain Melick	Cimoliana and Fontanafredda.
<i>Melica ciliata</i>	Ciliate Melick	Belvedere.
<i>Glyceria notata</i>	Plicate Sweet-grass	In the lake at San Lucano.
<i>Bromus tectorum</i>	Drooping Brome	
<i>Bromus inermis</i>	Hungarian Brome	
<i>Bromus benekenii</i>	Lesser Hairy-brome	San Lucano 2017.
<i>Bromus erectus</i>	Upright Brome	Recorded 2018.
<i>Brachypodium sylvaticum</i>	Wood False-brome	
<i>Brachypodium pinnatum</i>	Tor Grass	
<i>Brachypodium rupestre</i>		Dolomiti Friulani etc.
<i>Elymus caninus</i>	Bearded Couch	
<i>Elymus repens</i>	Common Couch	
<i>Avena</i> sp.	an oat	Near Venice.
<i>Helictotrichon pubescens</i>	Hairy Oat	
<i>Helictotrichon pratense</i>	Meadow Oat	
<i>Arrhenatherum elatius</i>	False Oat-grass	
<i>Koeleria pyramidata</i>	Pyramidal hair-grass	Dolomiti Friulani.
<i>Trisetum flavescens</i>	Yellow Oat-grass	
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	Moist flushed ground at Fontanafredda, and Sottoguda.
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	Cimoliana etc.
<i>Anthoxanthum alpinum</i>	Alpine Vernal-grass	Giau.
<i>Agrostis alpina</i>	a bent-grass	Fedaia.
<i>Agrostis rupestris</i>	a bent-grass	Passo di Giau 2012.
<i>Agrostis stolonifera</i>	Creeping Bent-grass	
<i>Calamagrostis pseudophragmites</i>	a small-reed	River gravels lower down.
<i>Calamagrostis varia</i>	a small-reed	<i>Saxifraga hostii</i> site 2016.
<i>Phleum pratense</i>	Timothy	Meadows.
<i>Phleum alpinum</i>	Alpine Cat's-tail	Fedaia.
<i>Phleum rhaeticum</i>	a cat's-tail	Fontanafredda etc.
<i>Phleum phleoides</i>	Purple-stem Cat's-tail	Dolomiti Friulani 2016.
<i>Phleum hirsutum</i>	a cat's-tail	
<i>Alopecurus pratensis</i>	Meadow Foxtail	Meadows.
<i>Phragmites australis</i>	Common Reed	Vajont.
<i>Molinia caerulea</i>	Purple Moor-grass	
<i>Nardus stricta</i>	Mat-grass	Giau, Fedaia.
<i>Cynodon dactylon</i>	Bermuda Grass	Near Venice.
<i>Echinochloa crus-galli</i>	Cockspur	Venice 2018.
<i>Setaria verticillata</i>	Rough Bristle-grass	
<i>Sorghum halepense</i>		Roadsides lower down.
Typhaceae		
<i>Typha latifolia</i>	Bulrush	Roadsides lower down.
Liliaceae		
<i>Tofieldia calyculata</i>	Tofield's Asphodel	Dolomiti Friulani, Fontanafredda, Andraz.

<i>Veratrum album</i>	White False-helleborine	Widespread.
<i>Paradisea liliastrum</i>	St. Bruno's Lily	Below Fedaia, and Giau.
<i>Hemerocallis lilio-asphodelus</i>	a day lily	An intriguing probable endemic, Val Cimoliana and Settimana, in fine flower.
<i>Hemerocallis fulva</i>	a day lily	Naturalised.
<i>Colchicum autumnale</i>	Meadow Saffron	In fruit, e.g. Cimoliana meadows.
<i>Lloydia serotina</i>	Snowdon Lily	Numerous at Fedaia.
<i>Gagea fragifera</i>		2 in Passo di Giau marsh, 2014.
<i>Lilium martagon</i>	Martagon Lily	Forest edges and meadows, widespread.
<i>Lilium bulbiferum</i>	Orange Lily	Locally very common. [some without bulbils: var. <i>croceum</i>].
<i>Allium schoenoprasum</i>	Chives	Valparola marsh.
<i>Allium victorialis</i>	Alpine Leek	In bud at Fedaia 2014.
<i>Allium carinatum</i>	Keeled Garlic	In bud at <i>Epipactis palustris</i> site, 2017.
<i>Allium vineale</i>	Crow Garlic	Rocca Pietore.
<i>Convallaria majalis</i>	Lily-of-the-valley	Cimoliana, in leaf.
<i>Maianthemum bifolium</i>	May-lily	In flower at Fontanafredda and Gares.
<i>Streptopus amplexifolius</i>		Gares.
<i>Polygonatum verticillatum</i>	Whorled Solomon's-seal	Settimana and Sottoguda.
<i>Polygonatum odoratum</i>	Scented Solomon's-seal	In leaf at San Lucano.
<i>Paris quadrifolia</i>	Herb Paris	Gares.
<i>Iridaceae</i>		
<i>Crocus albiflorus</i>	White Crocus	A few in flower by recent snowmelt at Giau, Marmolada, and Fedaia.
<i>Orchidaceae</i>		
<i>Cypripedium calceolus</i>	Lady's Slipper Orchid	2016: Many in fine flower at Cimoliana, c.6 at Sottoguda, and the one below Staulanza over this year. 2017: Already over at all sites! 2018: Over at Cimoliana. Fine below Staulanza and in Sottoguda Gorge.
<i>Epipactis palustris</i>	Marsh Helleborine	Dont and Vajont.
<i>Epipactis helleborine</i>	Broad-leaved Helleborine	Dolomiti Friulani.
<i>Epipactis atrorubens</i>	Dark Red Helleborine	Vajont, Settimana, and San Lucano.
<i>Epipactis microphylla</i>	a helleborine	2, Cimoliana, 2017.
<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	1 at Cimoliana 2016.
<i>Cephalanthera rubra</i>	Red Helleborine	Vajont and Cimoliana.
<i>Neottia nidus-avis</i>	Bird's-nest Orchid	Cimoliana, Settimana, and over at Gares.
<i>Listera ovata</i>	Twayblade	Widespread, locally numerous.
<i>Listera cordata</i>	Lesser Twayblade	1 near Staulanza.
<i>Goodyera repens</i>	Creeping Lady's Tresses	Last stop on Day 4, 2013.
<i>Platanthera bifolia</i>	Lesser Butterfly Orchid	Widespread, locally common, Dolomiti Friulani, and at Fedaia.
<i>Chamorchis alpina</i>	False Orchid	Several fine spikes at Valparola at a reliable site for the species.
<i>Gymnadenia conopsea</i>	Fragrant Orchid	Widespread and often common.

<i>Gymnadenia odoratissima</i>	Short-spurred Fragrant Orchid	Dolomiti Friulani.
<i>Pseudorchis albida</i>	Small White Orchid	Fontanafredda, Passo di Giau, and Passo di Fedaia.
<i>Nigritella rhellicani</i>	Black Vanilla Orchid	Fontanafredda and Fedaia.
<i>Nigritella rubra</i>	Red Vanilla Orchid	Below the Passo di Giau, and at Fedaia. Not seen 2018.
<i>Coeloglossum viride</i>	Frog Orchid	Short turf, Fontanafredda, Fedaia, Giau, etc.
<i>Dactylorhiza sambucina</i>	Elder-flowered Orchid	Fontanafredda, a few of both purple form and yellow form, still just in flower 2016. 2017: no sign of these plants. 2018: gone over.
<i>Dactylorhiza majalis</i>	Alpine Marsh Orchid	Very common in wet areas over 1800m, Passo di Giau, Duran, Staulanza, Fontanafredda, etc.
<i>Dactylorhiza lapponica</i>	a marsh orchid	Giau.
<i>Dactylorhiza fuchsii</i>	Common Spotted Orchid	Locally very common in woods and meadows.
<i>Traunsteinera globosa</i>	Round-headed Orchid	Fedaia, Duran, and Fontanafredda, in fine flower.
<i>Orchis ustulata</i>	Burnt Orchid	Several in grassland at Fontanafredda.
<i>Orchis militaris</i>	Military Orchid	One at Cimoliana.
<i>Orchis mascula</i>	Early Purple Orchid	Common at Fedaia. 1 at Giau. = <i>Orchis ovalis</i> , <i>Orchis mascula</i> ssp. <i>ovalis</i> , or <i>Orchis mascula</i> ssp. <i>signifera</i> .
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	Cimoliana meadows 2016.
<i>Ophrys insectifera</i>	Fly Orchid	At Vajont still just in flower.
<i>Corallorhiza trifida</i>	Coralroot Orchid	c.5 in fine flower lower Marmolada.
<i>Liparis loeselii</i> ssp. <i>nemoralis</i>	Fen Orchid	A superb find in 2018 was two robust plants at Vajont. An endemic subspecies which grows in woodland, known from only 6 sites.
<i>Malaxis monophyllos</i>	Single-leaved Bog Orchid	2016: 2 at San Osvaldo, 5 at Posalz. 2017: c.8 at Posalz. 2018: 2 at Posalz.

Systematic List Number 2

Butterflies

The nomenclature and the systematic order follow Tolman and Lewington's *Butterflies of Britain and Europe* published by HarperCollins (1997).

Papilionidae

Swallowtail	<i>Papilio machaon</i>	Dolomiti Friulani.
Scarce Swallowtail	<i>Iphiclides podalirius</i>	Venice.
Apollo	<i>Parnassias apollo</i>	Vajont.

Pieridae

Large White	<i>Pieris brassicae</i>	Scattered records.
Black-veined White	<i>Aporia crataegi</i>	Numerous in Dolomiti Friulani, a few elsewhere.
Small White	<i>Artogeia rapae</i>	Widespread.
Green-veined White	<i>Artogeia napi</i>	Andraz.
Mountain Green-veined White	<i>Artogeia bryoniae</i>	Marmolada and Fedaia.
Clouded Yellow	<i>Colias crocea</i>	Widespread in small numbers.
Brimstone	<i>Gonepteryx rhamni</i>	Scattered records.
Wood White	<i>Leptidea sinapis</i>	Scattered records.

Lycaenidae

Sooty Copper	<i>Lycaena tityrus</i>	Sottoguda and Fontanafredda.
Little Blue	<i>Cupido minimus</i>	Lower Marmolada and Andraz.
Holly Blue	<i>Celastrina argiolus</i>	Cimoliana.
Large Blue	<i>Maculinea arion</i>	Fontanafredda and Andraz.
Silver-studded Blue	<i>Plebejus argus</i>	
Idas Blue	<i>Plebejus idas</i>	Settimana.
Brown Argus	<i>Aricia agestis</i>	Settimana.
Mazarine Blue	<i>Cyaniris semiargus</i>	Scattered records.
Adonis Blue	<i>Lysandra bellargus</i>	Dolomiti Friulani.
Common Blue	<i>Polyommatus icarus</i>	Dolomiti Friulani.

Riodinidae

Duke of Burgundy Fritillary	<i>Hamaeris lucina</i>	Several in Cimoliana.
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Nymphalidae

Southern White Admiral	<i>Limenitis reducta</i>	Cimoliana.
Hungarian Glider	<i>Neptis rivularis</i>	Val Cimoliana.
Peacock	<i>Inachis io</i>	Vajont.
Red Admiral	<i>Vanessa atalanta</i>	Andraz.
Painted Lady	<i>Vanessa cardui</i>	Numerous in 2009, none in 2008, on only 2 days in 2010. A very worn individual at Fontanafredda 2011. Not seen 2012. 2013 on 4 days. 2014 only on one day. 2015 on 4 days. 2016, seen on 6 days. 2018 seen on 6 days
Small Tortoiseshell	<i>Aglais urticae</i>	Scattered at higher altitudes.
Dark Green Fritillary	<i>Argynnis aglaja</i>	Cimoliana and Claut.
Pearl-bordered Fritillary	<i>Clossiana euphrosyne</i>	Fontanafredda.
Thor's Fritillary	<i>Clossiana thore</i>	1 at Duran.
Spotted Fritillary	<i>Melitaea didyma</i>	Claut area.
Lesser Spotted Fritillary	<i>Melitaea trivia</i>	1 in Cimoliana.
False Heath Fritillary	<i>Melitaea diamina</i>	Gares, and Andraz.
Heath Fritillary	<i>Mellicta athalia</i>	
Marsh Fritillary	<i>Euphydryas aurinia</i>	Fedaia.

Satyridae

Marbled White
Arran Brown

Woodland Ringlet
Bright-eyed Ringlet
Dewy Ringlet
Small Heath
Pearly Heath

Alpine Heath
Speckled Wood
Large Wall Brown
Woodland Brown

Melanargia galathea
Erebia ligea

Erebia medusa
Erebia oeme
Erebia pandrose
Coenonympha pamphilus
Coenonympha arcania

Coenonympha gardetta
Pararge aegeria
Lasiommata maera
Lopinga achine

Vajont, Cimoliana, and Duran.
Widespread and locally common,
especially in Dolomiti Friulani
Widespread.
Fontanafredda.
Fedaia.
Dolomiti Friulani.
Locally numerous, as in Dolomiti
Friulani.
Fedaia and Duran.
Sottoguda and Gares.
Scattered records.
Dolomiti Friulani and San
Lucano, locally common.

Hesperidae

Grizzled Skipper
Large Grizzled Skipper
Alpine Grizzled Skipper
Dingy Skipper
Large Chequered Skipper
Chequered Skipper
Essex Skipper
Small Skipper
Large Skipper

Pyrgus malvae
Pyrgus alveus
Pyrgus andromedae
Erynnis tages
Heteropterus morpheus
Carterocephalus palaemon
Thymelicus lineola
Thymelicus sylvestris
Ochlodes venatus

Scattered records.
Fontanafredda.
Marmolada.
Scattered records.
A few in Dolomiti Friulani.
Cimoliana.
Scattered records.
Scattered records.

Systematic List Number 3

Birds

Cormorant	<i>Phalacrocorax carbo</i>	Venice area.
Great Egret	<i>Egretta alba</i>	Venice area.
Little Egret	<i>Egretta garzetta</i>	Venice area.
Cattle Egret	<i>Bubulcus ibis</i>	Venice area.
Mute Swan	<i>Cygnus olor</i>	Alleghe.
Mallard	<i>Anas platyrhynchos</i>	Alleghe.
Black Kite	<i>Milvus migrans</i>	En route to Venice.
Common Buzzard	<i>Buteo buteo</i>	Scattered records.
Common Kestrel	<i>Falco tinnunculus</i>	
Black-headed Gull	<i>Larus ridibundus</i>	Venice area.
Yellow-legged Gull	<i>Larus cachinnans</i>	Venice area.
Rock Dove	<i>Columba livia</i>	Towns, especially in the lowlands.
Woodpigeon	<i>Columba palumbus</i>	Scattered records.
Collared Dove	<i>Streptopelia decaocto</i>	Seen on the first day.
Cuckoo	<i>Cuculus canorus</i>	Heard at various sites.
Common Swift	<i>Apus apus</i>	Scattered records.
Black Woodpecker	<i>Dryocopus martius</i>	Heard.
Skylark	<i>Alauda arvensis</i>	Passo di Giau.
Crag Martin	<i>Ptyonoprogne rupestris</i>	Widespread.
Swallow	<i>Hirundo rustica</i>	Widespread.
House Martin	<i>Delichon urbica</i>	Widespread.
Tree Pipit	<i>Anthus trivialis</i>	Scattered records.
Water Pipit	<i>Anthus spinoletta</i>	Above 2200m on four days.
Grey Wagtail	<i>Motacilla cinerea</i>	Widespread near streams.
White Wagtail	<i>Motacilla a. alba</i>	Widespread in small numbers.
Wren	<i>Troglodytes troglodytes</i>	Scattered records, often heard.
Dunnock	<i>Prunella modularis</i>	Scattered records.
Alpine Accentor	<i>Prunella collaris</i>	Fedaia.
Robin	<i>Erithacus rubecula</i>	Scattered records.
Black Redstart	<i>Phoenicurus ochruros</i>	Common around the hotels and seen also at various other sites.
Common Redstart	<i>Phoenicurus phoenicurus</i>	Around the Hotel Pineta.
Whinchat	<i>Saxicola rubetra</i>	1 at Fedaia.
Northern Wheatear	<i>Oenanthe oenanthe</i>	Scattered high altitude records.
Ring Ouzel	<i>Turdus torquatus</i>	2 females, one on a nest, at Giau.
Blackbird	<i>Turdus merula</i>	Widespread.
Fieldfare	<i>Turdus pilaris</i>	A few records.
Song Thrush	<i>Turdus philomelos</i>	Scattered records, mostly heard.
Mistle Thrush	<i>Turdus viscivorus</i>	Scattered records.
Lesser Whitethroat	<i>Sylvia curruca</i>	
Garden Warbler	<i>Sylvia borin</i>	Heard often.
Blackcap	<i>Sylvia atricapilla</i>	Widespread, mostly heard.
Bonelli's Warbler	<i>Phylloscopus bonelli</i>	Often heard, especially in Dolomiti Friulani.
Chiffchaff	<i>Phylloscopus collybita</i>	Widespread. Heard often.
Goldcrest	<i>Regulus regulus</i>	Scattered records.
Willow Tit	<i>Parus montanus</i>	Cimoliana.
Crested Tit	<i>Parus cristatus</i>	Claut area.
Coal Tit	<i>Parus ater</i>	Widespread.
Blue Tit	<i>Parus caeruleus</i>	
Great Tit	<i>Parus major</i>	Scattered records.
Nuthatch	<i>Sitta europaea</i>	
Jay	<i>Garrulus glandarius</i>	Widespread.
Magpie	<i>Pica pica</i>	Venice area.
Nutcracker	<i>Nucifraga caryocatactes</i>	Fontanafredda.
Alpine Chough	<i>Pyrrhocorax graculus</i>	Quite common above 2000m, and often very tame.
Carrion Crow	<i>Corvus corone corone</i>	Widespread.
Hooded Crow	<i>Corvus corone cornix</i>	Lower altitudes.

Raven	<i>Corvus corax</i>	Scattered records.
House Sparrow	<i>Passer domesticus</i>	Widespread. Italian Sparrow <i>Passer domesticus italiae</i> in Cimolais and probably elsewhere.
Chaffinch	<i>Fringilla coelebs</i>	Widespread and common.
Serin	<i>Serinus serinus</i>	
Greenfinch	<i>Carduelis chloris</i>	Scattered records.
Goldfinch	<i>Carduelis carduelis</i>	Widespread in small numbers.
Linnet	<i>Carduelis cannabina</i>	Scattered records.
Redpoll	<i>Carduelis flammea</i>	Giau.
Cirl Bunting	<i>Emberiza cirrus</i>	A few records.

Systematic List Number 4 Mammals, Reptiles, and Amphibians

Water Shrew	<i>Neomys fodiens</i>	A dead individual at Sottoguda.
Common Mole	<i>Talpa europaea</i>	Hills noted.
Alpine Marmot	<i>Marmota marmota</i>	Seen or heard on several days, such as on Passo de Fedaia and Passo di Giau.
Red Squirrel	<i>Sciurus vulgaris</i>	Many signs of feeding. One seen en route to Passo Giau.
Hazel Dormouse	<i>Muscardinus avellanarius</i>	One seen well, if briefly, in the middle of the day (!), at San Lucano, 2016
Alpine Chamois	<i>Rupicapra rupicapra</i>	1 at Fedaia, 2017.
Alpine Ibex	<i>Capra ibex</i>	A male at Fedaia 2013.
Wild Boar	<i>Sus scrofa</i>	Signs only.
Mountain Hare	<i>Lepus timidus</i>	Droppings at higher altitudes.
Asp Viper	<i>Vipera aspis</i>	1 seen very well at Passo di Giau.
Grass Snake	<i>Natrix natrix</i>	2 in the Settimana Valley.
Viviparous Lizard	<i>Zootoca vivipara</i>	Scattered records.
Common Wall Lizard	<i>Podarcis muralis</i>	Scattered records.
Common Frog	<i>Rana temporaria</i>	Scattered records.
Common Toad	<i>Bufo bufo</i>	
Fire Salamander	<i>Salamandra salamandra</i>	Larvae Settimana, 2015.
Alpine Newt	<i>Triturus alpestris</i>	Settimana Valley.