



## Verloren Valei Wildflower and Birding Weekend

23-24 January 2021 with Geoff Lockwood and Susan Abell

The orchids we managed to find in the short space of time we had are listed below. Please note the correct name for *Corycium* is now *Pterygodium*. *Disa alticola* \* (in the seep zone with one individual that still had one flower) is listed as Vulnerable in South Africa.

Family	Genus	Species	Flowering	Notes
Orchidaceae	<i>Disa</i>	<i>alticola</i> *	1 left	Within the seep areas
Orchidaceae	<i>Disa</i>	<i>brevicornis</i>	yes	Within an old road
Orchidaceae	<i>Disa</i>	<i>chrysostachya</i>	ended	These had finished flowering
Orchidaceae	<i>Disa</i>	<i>cooperi</i>	a few left	A few flowers were found intact - but the end of the flowering season
Orchidaceae	<i>Disa</i>	<i>patula</i> var. <i>transvaalensis</i>	yes	On the plateau
Orchidaceae	<i>Disa</i>	<i>rhodantha</i>	yes	Within the wetlands
Orchidaceae	<i>Disa</i>	<i>saxicola</i>	yes	Associated with the rocks and waterfall
Orchidaceae	<i>Disa</i>	<i>versicolor</i>	yes	Scattered throughout the reserve
Orchidaceae	<i>Disperis</i>	<i>tysonii</i>	yes	Mainly found up on the plateau
Orchidaceae	<i>Disperis</i>	<i>renibractea</i>	yes	Within the main vlei
Orchidaceae	<i>Disperis</i>	<i>wealei</i>	yes	Within the wetlands
Orchidaceae	<i>Habenaria</i>	<i>clavata</i>	yes	In the rocky grasslands
Orchidaceae	<i>Habenaria</i>	<i>dives</i>	yes	In the rockier outcrop areas
Orchidaceae	<i>Habenaria</i>	<i>tysonii</i>	end	One found by Gerrit - almost finished.
Orchidaceae	<i>Neobolusia</i>	<i>tysonii</i>	yes	Within the vlei
Orchidaceae	<i>Pterygodium</i> ( <i>Corycium</i> )	<i>dracomontanum</i>	Yes	Scattered throughout the reserve
Orchidaceae	<i>Pterygodium</i> ( <i>Corycium</i> )	<i>nigrescens</i>	yes	Scattered throughout the reserve
Orchidaceae	<i>Satyrium</i>	<i>cristatum</i>	not yet opened	in large vlei
Orchidaceae	<i>Satyrium</i>	<i>hallackii</i> subsp. <i>ocellatum</i>	yes	in large vlei
Orchidaceae	<i>Satyrium</i>	<i>longicauda</i> var. <i>jacottetianum</i>	yes	In a number of places associated with the moister habitats
Orchidaceae	<i>Satyrium</i>	<i>longicauda</i> var. <i>longicauda</i>	yes	Scattered throughout reserve
Orchidaceae	<i>Satyrium</i>	<i>neglectum</i> subsp. <i>neglectum</i>	yes	One individual found on the day
Orchidaceae	<i>Satyrium</i>	<i>parviflorum</i>	yes	within the grasslands next to the vlei
Orchidaceae	<i>Satyrium</i>	<i>trinerve</i>	yes	at a small wetland crossing
Orchidaceae	<i>Schizochilus</i>	<i>cecilii</i>	yes	At the waterfall
Orchidaceae	<i>Schizochilus</i>	<i>zeyheri</i>	yes	Within a number of the wetlands



*Satyrium neglectum* subsp. *neglectum*



*Disperis tysonii*



*Habenaria dives*



*Habenaria clavata*

Some additional species that we came across during the course of the Saturday are also included here. Not everyone saw everything, but species were shown to those around us at the time. In addition, we did not scrutinize certain species and therefore identification was just to genus level.

Someone mentioned the nasturtium type leaves that were at the one small wetland crossing. These were more likely *Peltocalathos baurii*.

Family	Genus	Species	Flowering	Notes
Acanthaceae	<i>Crabbea</i>	<i>acaulis</i>	no	Within the Grasslands
Agapanthaceae	<i>Agapanthus</i>	<i>inapertus</i>	yes	Did not confirm subsp on site
Agavaceae	<i>Chlorophytum</i>	<i>sp</i>	few flowers	Did not check which species
Aizoaceae	<i>Delosperma</i>	<i>cf. sutherlandii</i>	yes	Within the grasslands - Did not confirm species
Aizoaceae	<i>Khadia</i>	<i>alticola</i>	yes - one in flower	Within the flat rock areas associated with seepage
Amaranthaceae	<i>Cyathula</i>	<i>cylindrica</i>		growing in the rocks
Amaryllidaceae	<i>Brunsvigia</i>	<i>radulosa</i>	yes	Beautifully flowering throughout
Amaryllidaceae	<i>Haemanthus</i>	<i>humilis</i>	no	In the rockier areas - no flowers
Anacardiaceae	<i>Searsia</i>	<i>dentata</i>	fruit	Rocky areas
Anacardiaceae	<i>Searsia</i>	<i>discolor</i>	no	growing in the rocks
Anemiaceae	<i>Mohria</i>	<i>cf. vestita</i>	N/A	fern in rocks
Apiaceae	<i>Afroscadium</i>	<i>magalismontanum</i>	yes	Found on plateau near waterfall
Apiaceae	<i>Alepidea</i>	<i>sp</i>	yes	Did not check which species
Apocynaceae	<i>Schizoglossum</i>	<i>bidens</i>		By the waterfall - <b>need to confirm</b>
Aponogetonaceae	<i>Aponogeton</i>	<i>junceus</i>	yes	Scattered within the wetlands
Asphodelaceae	<i>Aloe</i>	<i>modesta</i>	Bud	found in the fire break near the waterfall
Asphodelaceae	<i>Kniphofia</i>	<i>fluviatilis</i>	no	in stream



Family	Genus	Species	Flowering	Notes
Asphodelaceae	<i>Kniphofia</i>	<i>sp</i>	yes	I didn't see but others recorded in grassland
Asteraceae	<i>Berkheya</i>	<i>sp</i>	no	A few species not in flower
Asteraceae	<i>Denekia</i>	<i>capensis</i>	yes	In wetlands
Asteraceae	<i>Dicoma</i>	<i>anomala</i>	no	Within rocky grassland
Asteraceae	<i>Euryops</i>	<i>sp</i>	yes	Near exposed flat rocks
Asteraceae	<i>Helichrysum</i>	<i>acutatum</i>	yes	Grasslands and rocky areas
Asteraceae	<i>Helichrysum</i>	<i>aureonitens</i>	yes	Within moister grasslands and wetland
Asteraceae	<i>Helichrysum</i>	<i>caespitium</i>	yes	Rocky grasslands
Asteraceae	<i>Helichrysum</i>	<i>cf. difficile</i>	yes	in large vle
Asteraceae	<i>Helichrysum</i>	<i>galpinii</i>	yes	rocky areas
Asteraceae	<i>Helichrysum</i>	<i>nudifolium</i>	mostly past	grassland (two var.)
Asteraceae	<i>Helichrysum</i>	<i>species</i>		a number of other species
Asteraceae	<i>Hilliardiella</i>	<i>aristata</i>	no flowers	On the east slopes near waterfall
Asteraceae	<i>Lopholaena</i>	<i>cf. disticha</i>	no	Within the rockier outcrops
Asteraceae	<i>Pseudognaphalium</i>	<i>sp</i>	finished	in fire breaks
Asteraceae	<i>Senecio</i>	<i>oxyriifolius</i>	no	Scattered on the rockier outcrops
Asteraceae	<i>Senecio</i>	<i>sp</i>	no	A few Senecios - did not record all the species - most not flowering
Campanulaceae	<i>Craterocapsa</i>	<i>tarsodes</i>	yes	within the rocky areas
Campanulaceae	<i>Wahlenbergia</i>	<i>epacridea</i>	yes	Grasslands
Campanulaceae	<i>Wahlenbergia</i>	<i>undulata</i>	yes	Grasslands
Campanulaceae	<i>Wahlenbergia</i>	<i>sp</i>	yes	Did not check the species
Caryophyllaceae	<i>Dianthus</i>	<i>cf. zeyheri</i>	yes	Flowering up on the plateau
Caryophyllaceae	<i>Silene</i>	<i>cf. burchellii</i>	closed	Grasslands
Colchicaceae	<i>Colchicum</i>	<i>striatum</i>	yes	The Pyjama flower - <i>C melanthoides</i> is there as well - so need to scrutinise
Commelinaceae	<i>Cyanotis</i>	<i>speciosa</i>	yes	There is also <i>C pachyrrhiza</i>
Convolvulaceae	<i>Ipomoea</i>	<i>crassipes</i>	yes	Scattered throughout grasslands
Crassulaceae	<i>Crassula</i>	<i>alba</i>	spent	Some spent individuals found
Crassulaceae	<i>Crassula</i>	<i>capitella</i>	almost over	Some spent individuals found
Crassulaceae	<i>Crassula</i>	<i>lanceolata</i>	yes	Hidden in the grasses
Crassulaceae	<i>Crassula</i>	<i>setulosa</i>	yes	on the flat rocks and by the waterfall
Crassulaceae	<i>Crassula</i>	<i>sp.</i>	end of flowering	Did not check which species
Crassulaceae	<i>Crassula</i>	<i>vaginata</i> subsp. <i>vaginata</i>	yes	Beautiful yellow flowers
Cyperaceae	<i>Ascolepis</i>	<i>capensis</i>	yes	Within the wetlands
Cyperaceae	<i>Carex</i>	<i>sp</i>	yes	Within the wetlands - Did not check which species
Cyperaceae	<i>Cyperus</i>	<i>obtusiflorus</i> var. <i>flavissimus</i>	yes	Within the grasslands



Family	Genus	Species	Flowering	Notes
Cyperaceae	<i>Cyperus</i>	<i>rupestris</i> var. <i>rupestris</i>	yes	On the rocky areas
Cyperaceae	<i>Fuirena</i>	<i>pubescens</i>	yes	In the wetlands
Cyperaceae	<i>Kyllinga</i>	<i>sp</i>	yes	Within the wetlands
Dipsacaceae	<i>Cephalaria</i>	<i>sp</i>	yes	There are two possible species - Did not check which species
Dipsacaceae	<i>Scabiosa</i>	<i>columbaria</i>	yes	Scattered throughout the grasslands
Droseraceae	<i>Drosera</i>	<i>cf. burkeana</i>	yes	Near the waters edge - with flowers
Ebenaceae	<i>Diospyros</i>	<i>lycioides</i> subsp <i>guerkei</i>	no	Woody bush scattered in the outcrops
Ericaceae	<i>Erica</i>	<i>alopecurus</i>	yes	in beautiful flower
Ericaceae	<i>Erica</i>	<i>cerinthoides</i>	yes	In the rockier areas - some flowers remain
Ericaceae	<i>Erica</i>	<i>sp</i>	yes	Did not check the species
Eriocaulaceae	<i>Eriocaulon</i>	<i>sonderianum</i>	yes	All over the wetlands
Euphorbiaceae	<i>Acalypha</i>	<i>wilmsii</i>	yes	Found within the rockier areas
Euphorbiaceae	<i>Euphorbia</i>	<i>clavarioides</i>	no	In the rockier grassland areas
Euphorbiaceae	<i>Euphorbia</i>	<i>striata</i>	yes	Flowering in the grasslands
Fabaceae	<i>Argyrolobium</i>	<i>sp</i>	yes	Had yellow flowers -Did not check which species
Fabaceae	<i>Indigofera</i>	<i>sp</i>	few left	Pink flowers
Fabaceae	<i>Leobordea</i>	<i>sp</i>	yes	Did not check the species
Fabaceae	<i>Rhynchosia</i>	<i>totta</i>	yes	Grasslands
Gentianaceae	<i>Chironia</i>	<i>krebsii</i>	yes	Beautiful purple/pink flowers
Gentianaceae	<i>Chironia</i>	<i>cf. palustris</i>	yes	Did not check which species - possibly <i>C cf. paustris</i>
Gentianaceae	<i>Exochaenium</i>	<i>grande</i>	yes	Beautiful big yellow flowers - in the plateau areas near <i>Disa patula</i>
Geraniaceae	<i>Monsonia</i>	<i>sp</i>	yes	Did not check the species
Gesneriaceae	<i>Streptocarpus</i>	<i>dunnii</i>	no flowers	in the rocks
Hyacinthaceae	<i>Albuca</i>	<i>shawii</i>	seeds	By the waterfall
Hyacinthaceae	<i>Eucomis</i>	<i>autumnalis</i>	yes	all through the site
Hyacinthaceae	<i>Eucomis</i>	<i>montana</i>	yes	on the rocks by the waterfall
Hyacinthaceae	<i>Eucomis</i>	<i>pallidiflora</i>	Yes	in the vlei
Hyacinthaceae	<i>Eucomis</i>	<i>vandermerwei</i>	yes	flat rocks with seep
Hyacinthaceae	<i>Merwillia</i>	<i>plumbea</i>	no	By the waterfall but did not have any flowers
Hyacinthaceae	<i>Schizocarpus</i>	<i>nervosus</i>	just over	All through the site
Hypoxidaceae	<i>Hypoxis</i>	<i>costata</i>	no	grasslands by waterfall
Hypoxidaceae	<i>Hypoxis</i>	<i>filiformis</i>	yes	Scattered throughout
Iridaceae	<i>Aristea</i>	<i>sp</i>	no	Did not check which species
Iridaceae	<i>Crocoshia</i>	<i>paniculata</i>	yes	Prolific flowering within the moist grasslands and wetlands
Iridaceae	<i>Gladiolus</i>	<i>ecklonii</i> (var)	yes	Rocky grasslands



Family	Genus	Species	Flowering	Notes
Iridaceae	<i>Gladiolus</i>	<i>papilio</i>	yes	Within the vleis
Iridaceae	<i>Moraea</i>	<i>elliottii</i>	yes	scattered throughout
Iridaceae	<i>Watsonia</i>	<i>pulchra</i>	a few	A few flower still remain
Lamiaceae	<i>Ajuga</i>	<i>ophrydis</i>	no	The end of flowers
Lamiaceae	<i>Leonotis</i>	<i>cf. intermedia</i>	yes	Possibly this species - within the rockier areas
Lamiaceae	<i>Pycnostachys</i>	<i>reticulata</i>	yes	Within the wetlands, tall and flowering
Lamiaceae	<i>Rabdosiella</i>	<i>calycina</i>	yes	Within the rocky grasslands
Lamiaceae	<i>Syncolostemon</i>	<i>transvaalensis</i>	yes	On the flat rocky areas
Lentibulariaceae	<i>Utricularia</i>	<i>livida</i>	yes	in water
Lentibulariaceae	<i>Utricularia</i>	<i>prehensilis</i>	yes	in water
Linderniaceae	<i>Craterostigma</i>	<i>wilmsii</i>	yes	Positioned on the rocks within seep
Lobeliaceae	<i>Lobelia</i>	<i>flaccida</i>	yes	Moist grasslands
Lobeliaceae	<i>Monopsis</i>	<i>decipiens</i>	yes	moist grasslands
Melastomataceae	<i>Dissotis</i>	<i>canescens</i>	scattered	In the vlei
Molluginaceae	<i>Psammotropha</i>	<i>myriantha</i>	some flowers remain	near rocks
Myrsinaceae	<i>Myrsine</i>	<i>africana</i>	no	in the rocky areas
Orobanchaceae	<i>Buchnera</i>	<i>cf. simplex</i>	yes	Some flowers present - possibly B cf. simplex
Orobanchaceae	<i>Melasma</i>	<i>scabrum</i>	yes	Within the vleis - parasitic
Orobanchaceae	<i>Sopubia</i>	<i>cana</i>	yes	Spotted near the <i>Satyrium neclectum</i>
Orobanchaceae	<i>Striga</i>	<i>bilabiata</i>	yes	Scattered throughout the grasslands
Oxalidaceae	<i>Oxalis</i>	<i>obliquifolia</i>	yes	Scattered throughout
Poaceae	<i>Diheteropogon</i>	<i>sp</i>	yes	Grasslands
Poaceae	<i>Elionurus</i>	<i>muticus</i>	yes	Grasslands
Poaceae	<i>Eragrostis</i>	<i>racemosa</i>	yes	Grasslands
Poaceae	<i>Eragrostis</i>	<i>superba</i>	yes	Grasslands
Poaceae	<i>Eriochrysis</i>	<i>sp</i>	yes	Did not check the species
Poaceae	<i>Harpochloa</i>	<i>falx</i>	yes	Grasslands
Poaceae	<i>Leersia</i>	<i>hexandra</i>	very limited	in the vleis
Poaceae	<i>Loudetia</i>	<i>simplex</i>	yes	Within the rockier outcrops
Poaceae	<i>Melinis</i>	<i>nerviglumis</i>	yes	Rocky areas
Poaceae	<i>Microchloa</i>	<i>caffra</i>	yes	Shallower soils - rockier areas
Poaceae	<i>Monocymbium</i>	<i>ceresiiforme</i>	yes	rocky areas
Poaceae	<i>Stiburus</i>	<i>alopecuroides</i>	yes	Purple tassel grass - scattered
Poaceae	<i>Themeda</i>	<i>triandra</i>	yes	Dominant in the grasslands and plateau
Poaceae	<i>Trachypogon</i>	<i>spicatus</i>	yes	Grasslands
Poaceae	<i>Tricholaena</i>	<i>monachne</i>	yes	In the firebreaks



Family	Genus	Species	Flowering	Notes
Poaceae	<i>Tristachya</i>	<i>leucothrix</i>	yes	found in the rocky areas
Polygalaceae	<i>Polygala</i>	<i>sp</i>	yes	Did not check the species
Polygonaceae	<i>Oxygonum</i>	<i>dregeanum</i>	yes	A nice amount flowering near Disa patula
Polygonaceae	<i>Persicaria</i>	<i>decipiens</i>	yes	Within wetlands
Proteaceae	<i>Protea</i>	<i>parvula</i>	no	amongst the rocks
Proteaceae	<i>Protea</i>	<i>roupelliae</i>	yes	Near the waterfall
Pteridaceae	<i>Cheilanthes</i>	<i>sp</i>	N/A	Did not check which species
Pteridaceae	<i>Pellaea</i>	<i>calomelanos</i>	N/A	Within the rocks
Ranunculaceae	<i>Anemone</i>	<i>transvaalensis</i>	no	Did not scrutinise for var.
Ranunculaceae	<i>Peltocalathos</i>	<i>baurii</i>	no	The question of a nasturtium leaf
Rosaceae	<i>Cliffortia</i>	<i>sp</i>	no	Did not check which species - There are a few species within the reserve
Rosaceae	<i>Rubus</i>	<i>sp</i>	with berries	Did not check the species
Rubiaceae	<i>Pentanisia</i>	<i>prunelloides</i>	yes	Two subsp - didn't confirm
Ruscaceae	<i>Eriospermum</i>	<i>sp</i>	yes	Within the rock areas
Scrophulariaceae	<i>Chaenostoma</i>	<i>sp</i>	yes	Did not check which species
Scrophulariaceae	<i>Hebenstretia</i>	<i>sp</i>	yes	Within the flat rock areas associated with seepage
Scrophulariaceae	<i>Limosella</i>	<i>longiflora</i>	yes	Within the Wetland
Scrophulariaceae	<i>Nemesia</i>	<i>fruticans</i>	yes	rocky grasslands
Scrophulariaceae	<i>Selago</i>	<i>densiflora</i>	yes	Disturbed by the road
Scrophulariaceae	<i>Selago</i>	<i>cf. galpinii</i>	yes	Purple flowers - need to confirm
Scrophulariaceae	<i>Zaluzianskya</i>	<i>sp</i>	closed	The flowers only open at specific times
Xyridaceae	<i>Xyris</i>	<i>gerrardii</i>	yes	Within the wetlands



*Protea roupelliae*



*Utricularia prehensilis*



*Eucomis autumnalis*



*Moraea cf. elliotii*