

Appendix

Appendix 1. Definitions of Phenology Categories

附錄 1. 物候說明表

Column Label	Column Content	Description	Mandarin Code
lifeStage	leaf developing or uncoiling	Breaking leaf buds	新葉發育開展期
lifeStage	shoot matured	Leaves	枝葉成熟期
lifeStage	individual dormant	Individual dormant	植株休眠期
reproductiveCondition	flower budding	Flowers or flower buds	花苞發育期
reproductiveCondition	flowering	Flower heads	開花期
reproductiveCondition	flower blooming	Open flowers	盛花期
reproductiveCondition	fruit developing	Fruits	結實期
reproductiveCondition	fruit ripening	Ripe fruits	果熟期
reproductiveCondition	Fruit shedding	Recent fruit or seed drop	落果期

Appendix 2. List of multiple species sites

附錄 2. 多物種點位表

sno.	Species Coexisted	CategoryRedlist TW	decimalLongitude	decimalLatitude	occurrenceID
1	<i>Drosera indica</i> L. <i>Drosera burmannii</i> Vahl	NEN NVU	118.4	24.5	CP_Occ_153, _154, _325, _326
2	<i>Drosera indica</i> L. <i>Drosera burmannii</i> Vahl	NEN NVU	118.4	24.5	CP_Occ_140, _141, _313, _314
3	<i>Drosera indica</i> L. <i>Drosera burmannii</i> Vahl	NEN NVU	118.4	24.5	CP_Occ_151, _152, _323, _324
4	<i>Drosera indica</i> L. <i>Drosera burmannii</i> Vahl	NEN NVU	118.4	24.5	CP_Occ_144, _145, _317, _318
5	<i>Drosera indica</i> L. <i>Drosera burmannii</i> Vahl	NEN NVU	118.4	24.5	CP_Occ_142, _143, _315, _316
6	<i>Drosera indica</i> L. <i>Drosera burmannii</i> Vahl	NEN NVU	118.4	24.5	CP_Occ_155, _156, _327, _328
7	<i>Drosera indica</i> L. <i>Drosera burmannii</i> Vahl	NEN NVU	118.4	24.5	CP_Occ_146, _147, _319, _320
8	<i>Drosera indica</i> L. <i>Drosera burmannii</i> Vahl <i>Utricularia caerulea</i> L. <i>Utricularia minutissima</i> L. <i>Utricularia bifida</i> L. <i>Utricularia gibba</i> L.	NEN NCR Cultivated NEN NVU	118.4	24.5	CP_Occ_132, _133, _134, _135, _136, _137
9	<i>Drosera indica</i> L. <i>Drosera burmannii</i> Vahl <i>Drosera spathulata</i> Lab.	NEN NVU NLC	121	24.9	CP_Occ_64, _65, _66, _251, _252, _253
10	<i>Utricularia heterosepala</i> Benj. <i>Utricularia bifida</i> L. <i>Drosera burmannii</i> Vahl	NEN NEN NVU	121.5	23.5	CP_Occ_351, _357, _346
11	<i>Drosera burmannii</i> Vahl <i>Utricularia heterosepala</i> Benj. <i>Utricularia striatula</i> Sm. <i>Utricularia bifida</i> L.	NVU NEN NNT NEN	121.5	23.5	CP_Occ_93, _94, _95, _96, _273, _274, _275, _276
12	<i>Drosera burmannii</i> Vahl <i>Utricularia heterosepala</i> Benj. <i>Utricularia bifida</i> L.	NVU NEN	121.5	23.5	CP_Occ_342, _349, _355
13	<i>Drosera burmannii</i> Vahl <i>Utricularia heterosepala</i> Benj.	NVU NEN	121.5	23.5	CP_Occ_341, _354
14	<i>Utricularia smithiana</i> Wight <i>Utricularia livida</i> E.Mey.	Cultivated Cultivated	121.5918	25.11256	CP_Occ_16, _17
15	<i>Utricularia smithiana</i> Wight <i>Utricularia livida</i> E.Mey.	Cultivated Cultivated	121.5964	25.11311	CP_Occ_40, _41, _192, _193
16	<i>Drosera spathulata</i> Lab. <i>Utricularia smithiana</i> Wight <i>Utricularia livida</i> E.Mey.	NLC Cultivated Cultivated	121.603	25.12561	CP_Occ_19, _20, _21, _174, _175, _176

17	<i>Drosera spathulata</i> Lab. <i>Utricularia bifida</i> L. <i>Utricularia graminifolia</i> Vahl	NLC NEN Naturalized	121.6	25.1	CP_Occ_22, _23, _24
18	<i>Drosera spathulata</i> Lab. <i>Utricularia smithiana</i> Wight <i>Utricularia livida</i> E.Mey.	NLC Cultivated Cultivated	121.6294	25.13553	CP_Occ_43, _44, _45, _195, _196, _197
19	<i>Utricularia gibba</i> L. <i>Utricularia aurea</i> Lour.	NVU NEN	121.6	25.1	CP_Occ_27, _28, _181, _182
20	<i>Drosera spathulata</i> Lab. <i>Utricularia smithiana</i> Wight	NLC Cultivated	121.6388	25.12614	CP_Occ_25, _26, _180
21	<i>Drosera spathulata</i> Lab. <i>Utricularia bifida</i> L.	NLC NEN	121.6	25.1	CP_Occ_227, _228
22	<i>Utricularia gibba</i> L. <i>Utricularia aurea</i> Lour.	NVU NEN	121.6	24.8	CP_Occ_86, _87
23	<i>Utricularia gibba</i> L. <i>Utricularia aurea</i> Lour.	NVU NEN	121.6	24.7	CP_Occ_88, _89, _271, _272

Appendix 3. Data structure (data field structure table)

附錄 3. 資料欄位結構表

Column Label	Column Description
countryCode	The standard code for the country where the survey locations occur.
County	The name of the county where the survey locations occur.
basisOfRecord	The specific nature of the data record.
recordNumber	The identifier given to the occurrence record at the time it was recorded.
vernacularName	The common name of the species presented in the occurrence records.
decimalLongitude	The geographic longitude in decimal degrees of the survey location.
decimalLatitude	The geographic latitude in decimal degrees of the survey location.
recordedBy	The names of people responsible for each occurrence record.
identifiedBy	The names of people who assigned the taxon of the species presented in each occurrence record.
year	The four-digit year when the occurrence was recorded.
month	The integer month when the occurrence was recorded
Day	The integer day when the occurrence was recorded.
lifeStage	The life stage of the individual(s) represented in the occurrence record.
reproductiveCondition	The reproductive condition of the individual(s) represented in the occurrence record.
occurrenceRemarks	Comments or notes about the given occurrence record.
references	The related resource that is referenced to the described occurrence record.
taxonRank	The taxonomic rank of the most specific name of the species.
kingdom	The scientific name of the kingdom in which the species is classified.
phylum	The scientific name of the phylum in which the species is classified.
class	The scientific name of the class in which the species is classified.
order	The scientific name of the order in which the species is classified.
family	The scientific name of the family in which the species is classified.
genus	The scientific name of the genus in which the species is classified.

Column Label	Column Description
scientificName	The scientific name for the species presented in the occurrence record.
informationWithheld	Additional information that exists, but that has not been shared in the given record.
dataGeneralizations	Actions taken to make the shared data less specific than its original form.
coordinateUncertaintyInMeters	The horizontal distance (in meters) from the given coordinate describing the smallest circle containing the whole of the survey location.
occurrenceID	The identifier for each occurrence record.
measurementID	The identifier for each measurement of fact took for the given occurrence record.
measurementType	The nature of each measurement.
measurementValue	The value of each measurement.
measurementMethod	The method or protocol used to determine the measurement.