

李治中, 彭帅, 王青锋, 李伟, 梁士楚, 陈进明 (2023) 中国海菜花属植物隐种多样性. 生物多样性, 31 22394. <https://www.biodiversity-science.net/CN/10.17520/biods.2022394>.

附录1 本研究所使用分子序列的凭证标本、居群编号、采集地、GenBank号和物种信息

Appendix 1 Information on the voucher, population locality, GenBank accession number and species in this study

类群 Taxon	个体编号 Individual code	凭证标本 Voucher	居群编号 Population code	采集地 Locality	nrITS	matK	rpoB	rpoC1	rpl32-trnL	trnV-ndhC	rbcL-accD	rpl16 intron	ndhA intron	物种(本研究) Species (in this study)
靖西海菜花 <i>O. acuminata</i> var. <i>jingxiensis</i>	11-3	HIB-Otte020	GXDB1	Debao, Guangxi 广西, 德保	ON482250	ON457166	ON457213	ON457260	ON457448	ON457495	ON457354	ON457401	ON457336	靖西海菜花 <i>O. jingxiensis</i>
靖西海菜花 <i>O. acuminata</i> var. <i>jingxiensis</i>	19-3	HIB-Otte012	GXHC1	Hechi, Guangxi 广西, 河池	ON482264	ON457169	ON457216	ON457263	ON457451	ON457498	ON457357	ON457404	ON457333	
靖西海菜花 <i>O. acuminata</i> var. <i>jingxiensis</i>	G3-1	HIB-Otte021	GXHC2	Hechi, Guangxi 广西, 河池	ON482265	ON457179	ON457226	ON457273	ON457461	ON457508	ON457367	ON457414	ON457331	
靖西海菜花 <i>O. acuminata</i> var. <i>jingxiensis</i>	OTT14-1	HIB-LZZ-OTT14	GXDB2	Debao, Guangxi 广西, 德保	ON482251	ON457194	ON457241	ON457288	ON457476	ON457523	ON457382	ON457429	ON457337	
靖西海菜花 <i>O. acuminata</i> var. <i>jingxiensis</i>	1-5	HIB-Otte010	GXJX1	Jingxi, Guangxi 广西, 靖西	ON482266	ON457164	ON457211	ON457258	ON457446	ON457493	ON457352	ON457399	ON457332	
靖西海菜花 <i>O. acuminata</i> var. <i>jingxiensis</i>	OTT43-1	HIB-LZZ-OTT43	GXJX2	Jingxi, Guangxi 广西, 靖西	ON482267	ON457201	ON457248	ON457295	ON457483	ON457530	ON457389	ON457436	ON457334	
靖西海菜花 <i>O. acuminata</i> var. <i>jingxiensis</i>	OTT94-1	HIB-LZZ-OTT94	GXJX3	Jingxi, Guangxi 广西, 靖西	ON482268	ON457209	ON457256	ON457303	ON457491	ON457538	ON457397	ON457444	ON457335	
路南海菜花 <i>O. acuminata</i> var. <i>lunanensis</i>	16-5	HIB-Otte008	YNSL1	Shilin, Yunnan 云南, 石林	ON482260	ON457167	ON457214	ON457261	ON457449	ON457496	ON457355	ON457402	ON457338	路南海菜花 <i>O. lunanensis</i>
路南海菜花 <i>O. acuminata</i> var. <i>lunanensis</i>	OTT90-2	HIB-LZZ-OTT90	YNSL2	Shilin, Yunnan 云南, 石林	ON482261	ON457205	ON457252	ON457299	ON457487	ON457534	ON457393	ON457440	ON457339	
海菜花原变种 <i>O. acuminata</i> var. <i>acuminata</i>	OTT20-1	HIB-LZZ-OTT20	YNLJ1	Lijiang, Yunnan 云南, 丽江	ON482274	ON457196	ON457243	ON457290	ON457478	ON457525	ON457384	ON457431	ON457346	海菜花 <i>O. acuminata</i>
海菜花原变种 <i>O. acuminata</i> var. <i>acuminata</i>	9-5	HIB-Otte003	YNHQ	Heqing, Yunnan 云南, 鹤庆	ON482271	ON457177	ON457224	ON457271	ON457459	ON457506	ON457365	ON457412	ON457345	
海菜花原变种 <i>O. acuminata</i> var. <i>acuminata</i>	OTT27-1	HIB-LZZ-OTT27	YNDL2	Dali, Yunnan 云南, 大理	ON482275	ON457198	ON457245	ON457292	ON457480	ON457527	ON457386	ON457433	ON457347	
海菜花原变种 <i>O. acuminata</i> var. <i>acuminata</i>	OTT28-1	HIB-LZZ-OTT28	YNDL3	Dali, Yunnan 云南, 大理	ON482273	ON457199	ON457246	ON457293	ON457481	ON457528	ON457387	ON457434	ON457350	
海菜花原变种 <i>O. acuminata</i> var. <i>acuminata</i>	OTT26-7	HIB-LZZ-OTT26	YNDL1	Dali, Yunnan 云南, 大理	ON482272	ON457197	ON457244	ON457291	ON457479	ON457526	ON457385	ON457432	ON457348	
海菜花原变种 <i>O. acuminata</i> var. <i>acuminata</i>	G6-1	HIB-OtteG6	YNQJ	Qujing, Yunnan 云南, 曲靖	ON482263	ON457180	ON457227	ON457274	ON457462	ON457509	ON457368	ON457415	ON457349	
波叶海菜花 <i>O. acuminata</i> var. <i>crispa</i>	10-5	HIB-Otte011	YNLJ2	Lijiang, Yunnan 云南, 丽江	ON482262	ON457165	ON457212	ON457259	ON457447	ON457494	ON457353	ON457400	ON457328	
嵩明海菜花 <i>O. songmingensis</i>	21-3	HIB-Otte007	YNKM	Kunming, Yunnan 云南, 昆明	ON482277	ON457170	ON457217	ON457264	ON457452	ON457499	ON457358	ON457405	ON457340	嵩明海菜花 <i>O. songmingensis</i>
贵州水车前 <i>O. balansae</i>	31-2	HIB-Otte055	GZGY1	Guiyang, Guizhou 贵州, 贵阳	ON482253	ON457172	ON457219	ON457266	ON457454	ON457501	ON457360	ON457407	ON457322	贵州水车前 <i>O. balansae</i>
贵州水车前 <i>O. balansae</i>	HCH70	HIB-LZZ-HCH70	GZGY2	Guiyang, Guizhou 贵州, 贵阳	ON482252	ON457181	ON457228	ON457275	ON457463	ON457510	ON457369	ON457416	ON457323	
贵州水车前 <i>O. balansae</i>	HN80-1	HIB-LZZ-HN80	GZGY3	Guiyang, Guizhou 贵州, 贵阳	ON482254	ON457191	ON457238	ON457285	ON457473	ON457520	ON457379	ON457426	ON457324	
贵州水车前 <i>O. balansae</i>	HN81-1	HIB-LZZ-HN81	GZGY4	Guiyang, Guizhou 贵州, 贵阳	ON482255	ON457192	ON457239	ON457286	ON457474	ON457521	ON457380	ON457427	ON457325	
贵州水车前 <i>O. balansae</i>	OTT91-1	HIB-LZZ-OTT91	GYAS	Anshun, Guizhou 贵州, 安顺	ON482256	ON457206	ON457253	ON457300	ON457488	ON457535	ON457394	ON457441	ON457327	
贵州水车前 <i>O. balansae</i>	OTT92-1	HIB-LZZ-OTT92	GYHS	Huishui, Guizhou 贵州, 惠水	ON482257	ON457207	ON457254	ON457301	ON457489	ON457536	ON457395	ON457442	ON457326	
灌阳水车前 <i>O. guanyangensis</i>	32-7	HIB-Otte015	GXGY	Guanyang, Guangxi 广西, 灌阳	ON482246	ON457173	ON457220	ON457267	ON457455	ON457502	ON457361	ON457408	ON457343	
灌阳水车前 <i>O. guanyangensis</i>	OTT82-11	HIB-LZZ-OTT82	GXLP	Lipu, Guangxi 广西, 荔浦	ON482247	ON457202	ON457249	ON457296	ON457484	ON457531	ON457390	ON457437	ON457344	
凤山水车前 <i>O.</i>	34-4	HIB-lzz51	GXFS	Fengshan, Guangxi 广西, 凤山	ON482248	ON457174	ON457221	ON457268	ON457456	ON457503	ON457362	ON457409	ON457319	凤山水车前

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<i>fengshanensis</i>														<i>O. fengshanensis</i>
水菜花 <i>O. cordata</i>	HN10-2	HIB-LZZ-HN10	HNHK1	Haikou, Hainan 海南, 海口	ON482242	ON457183	ON457230	ON457277	ON457465	ON457512	ON457371	ON457418	ON457315	水菜花 <i>O. cordata</i>
水菜花 <i>O. cordata</i>	HN12-1	HIB-LZZ-HN12	HNHK2	Haikou, Hainan 海南, 海口	ON482243	ON457184	ON457231	ON457278	ON457466	ON457513	ON457372	ON457419	ON457316	
水菜花 <i>O. cordata</i>	HN13-1	HIB-LZZ-HN13	HNHK3	Haikou, Hainan 海南, 海口	ON482245	ON457185	ON457232	ON457279	ON457467	ON457514	ON457373	ON457420	ON457318	
水菜花 <i>O. cordata</i>	HN14-1	HIB-LZZ-HN14	HNHK4	Haikou, Hainan 海南, 海口	ON482244	ON457186	ON457233	ON457280	ON457468	ON457515	ON457374	ON457421	ON457317	
龙舌草 <i>O. alismoides</i>	HN39-1	HIB-LZZ-HN39	HNHK5	Haikou, Hainan 海南, 海口	ON482284	ON457187	ON457234	ON457281	ON457469	ON457516	ON457375	ON457422	ON457307	龙舌草 <i>O. alismoides</i>
龙舌草 <i>O. alismoides</i>	HN40-1	HIB-LZZ-HN40	HNDZ	Danzhou, Hainan 海南, 儋州	ON482281	ON457188	ON457235	ON457282	ON457470	ON457517	ON457376	ON457423	ON457308	
龙舌草 <i>O. alismoides</i>	HN43-5	HIB-LZZ-HN43	HNBS	Baisha, Hainan 海南, 白沙	ON482280	ON457189	ON457236	ON457283	ON457471	ON457518	ON457377	ON457424	ON457309	
龙舌草 <i>O. alismoides</i>	HN50-5	HIB-LZZ-HN50	HNHK6	Haikou, Hainan 海南, 海口	ON482282	ON457190	ON457237	ON457284	ON457472	ON457519	ON457378	ON457425	ON457310	
龙舌草 <i>O. alismoides</i>	OTT18-1	HIB-LZZ-OTT18	YNNTC	Tengchong, Yunnan 云南, 腾冲	ON482285	ON457195	ON457242	ON457289	ON457477	ON457524	ON457383	ON457430	ON457311	
龙舌草 <i>O. alismoides</i>	OTT86-1	HIB-LZZ-OTT86	GXNN	Nanning, Guangxi 广西, 南宁	ON482286	ON457203	ON457250	ON457297	ON457485	ON457532	ON457391	ON457438	ON457312	
龙舌草 <i>O. alismoides</i>	OTT93-1	HIB-LZZ-OTT93	HBHS	Huangshi, Hubei 湖北, 黄石	ON482283	ON457208	ON457255	ON457302	ON457490	ON457537	ON457396	ON457443	ON457313	
龙舌草 <i>O. alismoides</i>	42-1	HIB-Otte002	FJWYS	Wuyishan, Fujian 福建, 武夷山	ON482279	ON457176	ON457223	ON457270	ON457458	ON457505	ON457364	ON457411	ON457306	
<i>Otelia</i> sp. 30-1	30-1	HIB-Otte014	GZWL1	Weining, Guizhou 贵州, 威宁	ON482258	ON457171	ON457218	ON457265	ON457453	ON457500	ON457359	ON457406	ON457320	海菜花属隐种 30 <i>Otelia</i> sp. 30
<i>Otelia</i> sp. 30-2	30-2	HIB-Otte014	GZWL2	Weining, Guizhou 贵州, 威宁	ON482259	ON457200	ON457247	ON457294	ON457482	ON457529	ON457388	ON457435	ON457321	
<i>Otelia</i> sp. 35-3	35-3	HIB-Otte044	YNGN1	Guangnan, Yunnan 云南, 广南	ON482269	ON457175	ON457222	ON457269	ON457457	ON457504	ON457363	ON457410	ON457329	海菜花属隐种 35 <i>Otelia</i> sp. 35
<i>Otelia</i> sp. OTT88-1	OTT88-1	HIB-LZZ-OTT88	YNGN2	Guangnan, Yunnan 云南, 广南	ON482270	ON457204	ON457251	ON457298	ON457486	ON457533	ON457392	ON457439	ON457330	
<i>Otelia</i> sp. HCH72-1	HCH72-1	HIB-lzz54	GZGY5	Guiyang, Guizhou 贵州, 贵阳	ON482276	ON457182	ON457229	ON457276	ON457464	ON457511	ON457370	ON457417	ON457341	海菜花属隐种 72 <i>Otelia</i> sp. 72
<i>Otelia</i> sp. OTT13-3	OTT13-3	HIB-lzz53	GXGL	Guilin, Guangxi 广西, 桂林	ON482249	ON457193	ON457240	ON457287	ON457475	ON457522	ON457381	ON457428	ON457342	海菜花属隐种 13 <i>Otelia</i> sp. 13
旋叶海菜花 <i>O. mesenterium</i>	18-1	HIB-Otte048	-	Sulawesi, Indonesia 印度尼西亚, 苏拉威西	ON482278	ON457168	ON457215	ON457262	ON457450	ON457497	ON457356	ON457403	ON457314	旋叶海菜花 <i>O. mesenterium</i>
卵叶海菜花 <i>O. ovalifolia</i>	A2	HIB-Otte-A2	-	Australia 澳大利亚	ON482241	ON457178	ON457225	ON457272	ON457460	ON457507	ON457366	ON457413	ON457305	卵叶海菜花 <i>O. ovalifolia</i>
水筛 <i>Blyxa japonica</i>	-	HIB-Bly001	-	Wuyishan, Fujian 福建, 武夷山	ON482287	ON457210	ON457257	ON457304	ON457492	ON457539	ON457398	ON457445	ON457351	水筛 <i>Blyxa japonica</i>