

Table S1. Occurrence records of *Catasetum bicolor* and *Catasetum ochraceum*.

Country	Locality	Latitude	Longitude	Altitude (m .a.s.l) ¹	Ecoregion	Biome ²	Catalog Number	Event Date	Date Identified	Record Type ³	Source
<i>Catasetum bicolor</i>											
Brasil	Vale do Catimbau, Trilha das Torres	-8.62306	-37.1558	815	Caatinga	13	82865	2008	2008	PS	INCT 2017
Colombia	Barrancabermeja	6.939975	-73.539074	445	Magdalena Valley montane forests	1	-	-	-	HO	Martinez et al. 2016
Colombia	Bolívar	7.122111	-74.353806	360	Magdalena Valley montane forests	1	TJP: 1293	2015	2015	PS	GBIF 2017
Colombia	Bucaramanga	7.151937	-73.109907	722	Magdalena Valley montane forests	1	-	-	-	HO	Martinez et al. 2016
Colombia	Floridablanca	7.049176	-73.1070	898	Magdalena Valley montane forests	1	-	-	-	HO	Martinez et al. 2016
Colombia	Fundación Jardín Botánico "Guillermo Piñeres", Turbaco (Bolívar) ⁴	10.336967	-75.410802	184	Amazon-Orinoco-Southern Caribbean mangroves	14	231922	1980	2009	PS	GBIF 2017
Colombia	Girón	7.09185	-73.155523	749	Magdalena Valley montane forests	1	-	-	-	HO	Martinez et al. 2016
Colombia	La Espantosa (Bolívar)	9.929111	-75.168111	192	Magdalena-Urabá moist forests	1	472	2015	-	HO	GBIF 2019
Colombia	Lebrija	7.105807	-73.226191	1086	Magdalena Valley montane forests	1	-	-	-	HO	Martinez et al. 2016
Colombia	Matanza	7.253561	-73.128285	1008	Magdalena Valley montane forests	1	-	-	-	HO	Martinez et al. 2016
Colombia	National Natural Park Paramillo-Tuis Tuis	8.040694	-76.097167	162	Northwestern Andean montane forests	1	-	-	-	HO	Ruiz et al. 2015
Colombia	Piedecuesta	6.97057	-73.090085	877	Magdalena Valley montane forests	1	-	-	-	HO	Martinez et al. 2017
Colombia	Serranía del Baudó (Bahía Solano, Mutis)	6.331162	-77.358334	17	Chocó-Darién moist forests	1	24912	1988	2005	PS	GBIF 2017
Panama	Barro Colorado Island. center of the Isthmus of Panama ⁴	9.151708	-79.845419	175	Isthmian-Atlantic moist forests	1	-	-	-	HO	Croat and Busey 1975
Panama	Cerro Santa Rita ⁴	8.267139	-81.18109	321	Isthmian-Pacific moist forests	1	-	-	-	HO	Allen 1949
Panama	Limon Island ⁴	9.253333	-79.828056	36	Isthmian-Atlantic moist forests	1	-	-	-	HO	Allen 1949
Panama	Road from Colón to Portobelo ⁴	9.44166	-79.75	48	Isthmian-Atlantic moist forests	1	2062206	1977	1987	PS	GBIF 2017
Venezuela	Cataniapo ⁴	5.532536	-67.383756	86	Guianan piedmont and lowland moist forests	1	-	-	-	HO	Romero 1987
Venezuela	Gavilán ⁴	5.533922	-67.394406	86	Guianan piedmont and lowland moist forests	1	-	-	-	HO	Romero 1987
<i>Catasetum ochraceum</i>											
Colombia	Serranía del Chiribiquete	1.206694	-72.814	207	Purus varzea	1	587862	2015	2015	PS	SIBColombia 2017

Country	Locality	Latitude	Longitude	Altitude (m .a.s.l) ¹	Ecoregion	Biome ²	Catalog Number	Event Date	Date Identified	Record Type ³	Source
Colombia	Restrepo-Vereda El Aguacate (Valle del Cauca)	3.781944	-76.525833	1406	Northwestern Andean montane forests	1	1789	2013	2017	HO	SIBColombia 2017
Colombia	El Tambor-Vereda Monteredondo (Valle del Cauca)	3.764389	-76.502944	1422	Northwestern Andean montane forests	1	1849	2013	2017	HO	GBIF 2017
Colombia	Club campestre (Valle del Cauca)	3.3683	-76.5483	1002	Cauca Valley dry forests	2	3598	2010	2017	PS	SIBColombia 2017
Colombia	Mitu and vicinity. Lower r Kubiyu River ⁴	1.274331	-70.382014	200	Caqueta moist forests	1	barcode-00287324	1976	1988	PS	GBIF 2017, COAH 2017, Szlachetko et al. 2013
Colombia	Vaupés. Kuduyarí River ⁴	0.951003	-70.088039	202	Japurá-Solimoës-Negro moist forests	1	barcode-00287326	1958	2014	PS	GBIF 2017, COAH, Szlachetko et al. 2013
Colombia	Vaupés. Kuduyarí River (a tributary of Vaupes River); Yapobodá, near headwaters ⁴	1.3	-70.5	210	Caqueta moist forests	1	barcode-00287325	1935	1988	PS	GBIF 2017
Colombia	San José del Guaviare-Serranía la Lindosa	2.496389	-71.686083	190	Negro-Branco moist forests	1	84331	2014	2014	PS	SIBColombia 2017
Colombia	Cali, road to Chipichape, Valle del Cauca	3.476087	-76.53914	1172	Cauca Valley montane forests	1	-	-	-	HO	Martínez ⁵
Colombia	Cali, road to Chipichape, Valle del Cauca	3.471199	-76.542112	1354	Cauca Valley montane forests	1	-	-	-	HO	Martínez ⁵
Colombia	Hacienda Hato Viejo, Cauca	3.11375	-76.587861	981	Cauca Valley dry forests	2	2013.Flora25	2013	2013	HO	GBIF 2017
Colombia	Yotoco, Valle del Cauca	3.87201	-76.430959	1485	Cauca Valley montane forests	1	-	-	-	HO	Otero ⁵
Colombia	Yotoco, Valle del Cauca	3.866424	-76.423386	1389	Cauca Valley montane forests	1	-	-	-	HO	Otero ⁵
Colombia	Yotoco-Natural Reserve, Valle del Cauca	3.0797221	-76.443054	1004	Cauca Valley montane forests	1	584773	2013	2013	PS	SIBColombia 2017
Colombia	La Buitrera, Valle del Cauca	3.422695	-76.190513	1347	Cauca Valley montane forests	1	-	-	-	HO	Otero ⁵
Venezuela	Negro River: Slope of Cerro Aracumuni Quebrada camp. Laja area, low open forest	1.4	-65.63333	685	Guianan piedmont and lowland moist forests	1	670173	1987	1988	PS	Tropicos 2017

¹Values extracted from WorldClim raster elevation data (2021b); ²1) Tropical and subtropical moist broadleaf forests, 2) Tropical and subtropical dry; broadleaf forests; 3) Deserts and xeric shrublands; 4: Mangroves; ³PS: Preserved specimen, HO: Human observation; ⁴Geographic coordinates assumed by locality; ⁵Sporadic observation not included in a survey.