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**Country: Chile**

Locality			Geographic reference		Historic distribution	Recent		
Region	Province	Details	Lat	Long	Year of collection, Museum or author (year of publication)	Year observation, Observer or author (year of publication)		
Bío-bío	Concepción				1974 Jorquera et al. (1974); N/Y Wilhelm (1927, 1932); N/Y LSU; 1927 USNM; N/Y UCZM; N/Y FMNH; N/Y UMZC; 1927 USNM; 1903 ANSP.			
			Caracol hill	36°37'S	72°56'W	1962-65 MZUC; 1978 LACM.		
			Chiguayante+			1975 TCWC. N/Y FMNH.		
		Arauco		Ramadilla	37°18'S	73°16'W	1969-71 MZUC	
				Lanahue lake	37°49'S	72°58'W	1963-68 MZUC	
				Cañete, Cayucupil / Butamalal	37°49'52''S	73°09'73''W		2009 Flores*; 2011 Bourke*; 2009-2012 Soto-Azat et al. (2013).
				Nahuelbuta NP, cabrerías (Angol)	37°48'S	73°15'W	N/Y KU; N/Y FML; 1977 Penna and Veloso (1990); Manzano and Lavilla (1995).	
				Quebrada Caramavida	37°41'S	73°08'W		N/Y CONAMA (2003a).
				Lanahué	37°55'S	73°18'W	N/Y Janvier (1935)	
				Contulmo	38°00'S	73°14'W	1906 ZFMK; N/Y Wilhelm (1927).	
				7 km SW of Contulmo	38°01'57''S	73°17'17''W	1961 MSUM.	2009-2012 Soto-Azat et al. 2013
				15 km SE Contulmo	38°05'29''S	73°07'26''W	1961 MSUM.	
				Mocha island	38°21'32''S	73°55'27'W	1971-88 MZUC; N/Y FMNH; 1965 Kilian (1965).	N/Y Ibarra-Vidal (1988, 2002).
Araucania	Malleco				N/Y FMNH.			
			Nahuelbuta NP 27 km NW Angol	37°45'39''S	72°57'55''W	1961 MSUM.		
			Nahuelbuta NP	37°46' S	72°58' W		1997-1999 Crump and Veloso (2005); 1998-2000 Iturra et al. (2008).	
			Nahuelbuta NP+			N/Y DBGUCH; Correa et al. 2006		
			Nahuelbuta NP, Piedra del águila	37°49'93''S	73°01'48''W	1967-89 MZUC.	1998-2000 Iturra et al (2008).	
			Nahuelbuta NP, Alto la cueva			1967-89 MZUC.		
	Nahuelbuta NP, Pichinahuel	37°48'S	73°02'W	1967-89 MZUC.				

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		11 km Angol, Los Lleulles			N/Y KU.	
		1 km W Angol Nahuelbuta hills	37°47'44''S	72°44'52''W	1961 MSUM.	
		El Natre+	37°53'S	73°16'W	1948 CM.	N/Y Ortiz and Ibarra-Vidal (2005). 2009-2012 Soto-Azat et al. (2013); 2010-2014 Valenzuela-Sánchez et al. (2015).
		10 km W Collipulli	37°54'57''S	72°31'33''W	1961 MSUM.	
		7 km W Purén, Turisano Park	38°00'51''S	73°09'20''W	1961 MSUM.	
		Contulmo NR	38°01'S	73°10' W	1966 USNM.	2009-2012 Soto-Azat et al. (2013); 2010-2014 Valenzuela-Sánchez et al. (2015).
		Contulmo, Purén	38°02'05''S	73°05'58''W		2009 Rabanal in <a href="http://www.inaturalis.org">www.inaturalis.org</a>
		Laguna Malleco 25 km N Curacautín+	38°13'S	71°50'W	1961 MSUM.	
	Cautín				N/Y FMNH.	
		Cautín mountain range	39°06'S	73°14'W	1896 MHNS; N/Y Wilhelm (1927).	
		10 km Galvarino	38°31'26''S	72°40'20''W	1961 MSUM.	
		Temuco	38°43'S	72°35'W	1906-24 ZMB; X/Y Janvier (1935).	
		20 km E Temuco	38°43'21''S	72°19'00''W	1951 CAS.	
		Tolhuaca hot springs	38°17'59''S	71°29'2''W	1922 CM; N/Y KU.	
		Fundo Etruria	38°43'S	72°39'W		2007 Espinoza and Rebolledo*
		El Socorro	39°12' S	73°01' W		2007 Espinoza and Rebolledo*.
		Conguillio NP	38°41' S	71°37' W		2009 Bourke*.
		Ñancul	39°44'S	72°30'W		1998-2000 Iturra et al. (2008).
		Huerquehue NP	39°08' S	71°42' W		N/Y COPEC (2009); 2009 Bourke*; 2009-2012 Soto-Azat et al. (2013).
	Cautín/Valdivia	Villarrica NP	39°15'S 39°29'S	72°12'W 72°51'W+		2006-2008 Charrier*; 2006-2008 Ulmer and Solé*; 2008-2012 Bourke (Bourke 2012); 2009-2012 Soto-Azat et al. (2013) 2010-2014 Valenzuela-Sánchez et al. (2015).
RÍOS	Valdivia	Coñaripe	39°33'33''S	71°59'38''O		2006-2008 Charrier*; 2006-2008 Ulmer and Solé*; 2008-2012 Bourke (Bourke 2012); 2009-2012 Soto-Azat et al. (2013).
		Villarrica	39°28'45''S	72°09'42''W	N/Y Janvier (1935).	
		San José de la Mariquina	39°32'S	72°57'W	1976 IZUA.	
		Valdivia			1936-1965 CM; 1977 Penna and Veloso (1990); 1975 Garrido et al. (1975); 1976	

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		Valdivia	39°41'S	73°14'W	Formas (1976); 1917-18 Wilhelm (1927, 1932); 1965 Kilian (1965). 1972 Jorquera et al.(1972) in Formas et al (1975).	
		Valdivia	39°47'59''S	73°13'59''W	N/Y YPM.	
		Reñihue lake	42°37'47''S	74°05'09''W	1940 UMNH; 1923 CAS.	
		Los Molinos, 5 km W Valdivia	39°46'00''S	73°18'02''W	1965 Kilian (1965).	
		Valdivia	40°35'S	73°13'W	N/Y YPM.	
		Valdivia	39°57'S	71°45'W	1880 SMNS.	
		Valdivia	39°36'S	71°08'W	1969 MVZ.	
		Valdivia	39°49'S	73°15'W	1956-69 MZUC; 1863 MHN Madrid; 1853, 1977, 1978 ZFMK; 1965 IZUA; 1845 ZMB; 1880 SMNS.	
		Oncol	39°41'S	73°19'W	N/Y IZUA	1998-2000 Iturra, et al. (2008); 2007-2009 Rabanal*; N/Y Grant et al. (2006); N/Y Frost et al. (2006); 2009-2012 Soto-Azat et al. (2013).
		Corral	39°53'S	73°25'W	1896-99 ZMB; 1903 CAS; 1835 Darwin in Kilian (1965).	
		In the way to Chaihuin, Corral	39°55'S	73°30'W	1978 BNHM.	
		Mehuín	39°26'S	73°12'W	1970-74 IZUA; 1977 ZFMK, N/Y KU; 1975 CAS; 1972 Jorquera et al. (1972); 1987 Lavilla (1987).	1970 Busse*.
		Pichicullin creek			1976 IZUA.	
		Fundo San Martín			1975, 1984 IZUA.	
		Pelada mountain range+			1973 IZUA.	
		Niebla	39°51'S	73°25'W	1965-79 IZUA; 1974 USNM; N/Y Wilhelm (1927).	
		Estancilla Sector+			2002 IZUA.	
		Curiñanco	39°41'12''S	73°21'50''W	N/Y Wilhelm (1927).	
		Loncoche	39°20'18''S	72°39'24''W	X/Y Janvier (1935).	
		Panguipulli, Fundo San Clemente	39°38'S	72°20'W	1963-1981 ZFMK.	
		Choshuenco, Panguipulli lake	39°50'30''S	72°04'54''W	1940 NRM-SMNH.	N/Y CONAMA (2003b).
		Huilo Huilo+	39°52'S	71°54'W		2009-2012 Bourke*;2009-2012 Soto-Azat et al (2013);

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		Neltume (Cua-Cua river sector)				2010-2014 Valenzuela-Sánchez et al. (2015). N/Y CONAMA (2003b).
		Riñihue lake	39°46'S	72°23'50"W	1940 NRM-SMNH. N/Y UMNH; N/Y KU	
		Los Lagos	39°50'52"S	72°49'54"W	N/Y CUMV.	
	Valdivia/Ranco	Pichihueicolla river			1982 IZUA.	
		Valdivia NR	40°02'S	73°21'W		2010 García and Colin*.
		Alerce Costero NP+	40°12'S	73°26'W+		2009-2012 Soto-Azat et al (2013); 2010-2014 Valenzuela-Sánchez et al. (2015).
	Ranco	La Union, Mirador hill	40°17'S	73°04'W	1967 IZUA.	
		La Union, Hueicolla waterfall	40°09'S	73°39'W	1985 MZUC.	
Lagos	Osorno				N/Y FMNH. 1924 Krieg (1924).	
		S Osorno, Negro river shore by Fundo Esperanza+				
		W Pitrufulquen, Toltén river shore (outlet) by Carilafquen	39°00'07"S	72°41'30"W	1924 Krieg (1924).	
		Pucatrihue Forest	40°33'S	73°09'W	1983 MZUC.	
		Bahía Mansa (3 km E)	40°33'58"S	73°43'18"W	1964-68 MZUC; 1964 LACM.	
		Vuelta de la piedra Toltan			1975 IZUA.	
		Namu Lahual	40°25'S	73°31'W		1998-2000 Iturra et al. (2008); 2001-2002 Mendez et al. (2005).
		Alerzal Pichipiutril, Fundo Huitrapulli, (San Juan de la Costa)	40°20'S	73°42'W		1997-1999 Crump and Veloso (2005).
		Puyehue NP	40°39'S	72°19'W	1951 CAS.	2008 Gianoli*; 2009-2012 Soto-Azat et al. (2013); 2009-2014 Valenzuela-Sánchez et al. (2015).
		E of Osorno, Westshore of Puyehue lake	40°39'S	72°37'W	1924 Krieg (1924).	
		Maicolpue	40°36'W	73°44'W	1968 ZFMK.	
	Ranco	Alerce costero NP	40° 10'S	73°27'W		1997-1999 Crump and Veloso (2005); 1998-2000 Iturra et al. (2008).
	Llanquihue	La herradura bridge (Catrihuala)	40°48'S	73°36'W		1998-2000 Iturra et al. (2008); 2001-2002 Méndez et al. (2005).

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		Vicente Perez Rosalez NP, derrumbe hill, caleta manzano	41°11'S	72°32'W	1971-74 MZUC; 1973 Veloso et al. (1973).	
		Vicente Perez Rosalez NP	41°07'S	72°24'W		1998-2000 Iturra et al. (2008).
		Todos los santos lake, Peulla	41°05'S	72°02'W	1940 BNHM.	
		Ensenada	41°13'S	72°32'W		1998-2000 Iturra et al. (2008).
		La picada	41°03'S	72°30'W		1998-2000 Iturra et al. (2008).
		Chapo lake	41°27'S	72°30' W	1966 CAS.	
		N of Chapo lake	41°24'18''S	72°31'50''W	N/Y KU.	
		NW shore of Chapo lake	41°27'S	72°30'W	1966 CAS.	
		Peulla	41°03'30''S	72°02'20''W	1963 USNM.	
		Pto. Montt	41°27'S	73°00'W	1900-1901 ZMB.	
		Blanco river, 50 km to the W of Pto. Montt			1981 MHNS.	
		Lenca	41°37'S	72°40'W		1998-2000 Iturra et al. (2008).
		Llanquihue	41°16'S	73°00'W	1971 MZUC.	
	Chiloé	Ancud			1958-1970 MZUC; FMNH; Kilian (1965).	
		20 km SW of Ancud	42°00'11''S	73°59'08''W	N/Y FMNH.	
		Ancud, INDAP forest			N/Y KU.	
		Ancud, Quilar forest			1987 MZUC.	
		Ancud, Senda Darwin	41°53'S	73°41'W	1971 MZUC.	2008 Charrier*; 2011 Bourke*; 2009-2012 Soto-Azat et al. (2013).
		Chepú	42°03'S	74°01'W		2000 Locals*; N/Y CONAMA (2003b).
		Deñal	42°37'S	74°06'W		1998-2000 Iturra et al. (2008).
		Chiloé NP, Los Alerzales+	42°35'S	74°05'W+		2009-2011 Soto-Azat et al. (2013); 2010-2014 Valenzuela-Sánchez et al. (2015).
		Pulpito	42°45'S	73°47'W		1998-2000 Iturra et al. (2008).
		Tantauco	43°22' S	74°04' W		2010 Alarcón*, 2009-2012 Soto-Azat et al. (2013);
			43°02'S	73°48'W+		2009-2014 Valenzuela-Sánchez et al. (2014).
	Palena	Puelo river				N/Y CONAMA (2003b).
		Hornopiren	41°52'S	72°16'W		2010 Rehbein*
		Huinay	42°21' S	72°25'W		2008 Fitzek*
		Pumalín	42°35' S	72°29'W		2008 Guzman*
	Aysen				N/Y FMNH; 1965 Kilan.	

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		Sto. Domingo	43°59'S	73°09'W		1997-1999 Crump and Veloso (2005).
		Melimoyu	44°04'S	72°52'W		1997-1999 Crump and Veloso (2005).
		Puyuhuapi	44°17'S	72°32'W	1956-1958 MZUC.	
		Park next to Puyuhuapi	44°17'S	72°32'W	1990 IZUA.	
		Queulat NP	44°25'S	72°21'W		2007 Cifuentes*; 2011 García*; 2009-2012 Soto-Azat et al. (2013).

**Country: Argentina**

Province	Dpto	Locality	Lat	Long	Year / Museum	Recent
Río Negro	Río Negro	Río Negro				N/Y Consejo Asesor Regional Patagonico de la Fauna Silvestre (1994).
	Bariloche	Blest harbour	41°01'47''S	71°48'35''W	1977-1982 MVZ	
		Nahuel Huapi NP	41°00'52''S	71°49'18''W		2008 Administración de Parques Nacionales (2011).
Neuquen/Río Negro		Nahuel Huapi NP	39°54'08''S	71°26'58''W		N/Y Chehébar and Ramilo (1989); N/Y Christie et al. (1984); N/Y Christie (1985); N/Y Úbeda (1996, 1999)
Neuquén	Neuquén					N/Y Lavilla et al. (2000); N/Y Consejo Asesor Regional Patagonico de la Fauna Silvestre (1994).
	Los lagos	20k N Villa La Angostura	40°35'60''S	71°39'35''W		N/Y Pearson
		Escondido lake				N/Y Ochoa et al. (2002).
		Lacar lake				N/Y Ochoa et al. (2002).
		--	38°32'55''S	69°43'44''W	N/Y MACN	
	Pucara	Lacar lake			N/Y KU	
	Huiliche	Next to Epulafquen hot springs: in the way to Carirriñe international pass.	39°48'19''S	71°40'44''W		
		Lanin NP	39°54'08''S	71°26'58''W		N/Y Basso (1995); 1997 APN-AR (1997); N/Y Chehébar and Ramilo (1989); N/Y Christie et al. (1984); Ochoa et al. (2002);
		Lanin NP Coto Mallín Chico, passing over the bridge of the "Escorial" 500 m. in the way to the hot springs at the left side.	39°48'03''S	71°31'38''W		2008 Administración de Parques Nacionales (2011)
		Lanin NP Over the path to Paimún hot springs at 200 m. from the way to the hot springs	39°47'29''S	71°39'54''W		2009 Administración de Parques Nacionales (2011).

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Chubut		Lanin NP, Queñi lake, path from Queñi to Ilpela landmark, 1.170 masl				1999 Administración de Parques Nacionales (2011).
		Path that skirts Pucará creek, between the outlet Nonthue and Pucará with the Salto creeks.				2000 Administración de Parques Nacionales (2011).
		Ilpela (Queñi) landmark path, Seccional Queñi at 900-1085 masl.				2001 Administración de Parques Nacionales (2011).
		Trail at the end of de Paimún lake toward the Lahuen hotsping, at 30 min of walk				2010 Administración de Parques Nacionales (2011).
		Margen Arroyo Acol (road of wood and cane transportation)				1998 Administración de Parques Nacionales (2011).
		Malalco valley				2000 Administración de Parques Nacionales (2011).
	Futaleufú	Los alerces NP	42°54'00''S	71°51'02''W		N/Y Consejo Asesor Regional Patagonico de la Fauna Silvestre (1994). N/Y Ochoa et al. (2002).