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SUPPLEMENTARY MATERIAL

Genetic structure and new occurrence records of the iconic Tasmanian Mountain Shrimp *Anaspides tasmaniae* (Thomson, 1893) (Anaspidesidae, Anaspidae) reveal relictual distribution in southern Tasmania

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Table S1: List of individuals newly sequenced for this study. For each specimen, ID, species, locality details, deposition and GenBank accession numbers are provided.

ID	Species	Locality	Coordinates	Date	Collector	Deposition	GenBank 28S	GenBank COI	GenBank 16S
Ana 171	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR63	-	MW581544	MW581074
Ana 172	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR63	-	MW581545	-
Ana 173	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR63	-	MW581546	-
Ana 293	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR62	-	MW581547	-
Ana 294	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR62	-	MW581548	-
Ana 295	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR62	-	MW581549	-
Ana 296	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR62	-	MW581550	-
Ana 297	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR62	-	MW581551	-
Ana 298	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR63	MW584899	MW581552	-
Ana 299	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR63	-	MW581553	-
Ana 353	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR63	-	MW581554	-
Ana 354	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR63	-	MW581555	-

Ana 355	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	16.03.2017	S. Richter, M. Reinhardt, C. Höpel	ZSRO CR63	-	MW581556	-
Ana 520	<i>Anaspides tasmaniae</i>	Khazad Dum entrance, inflow creek	S 42°42'51.4" E 146°34'02.3"	22.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR182	MW584900	MW581557	MW581075
Ana 521	<i>Anaspides tasmaniae</i>	Khazad Dum entrance, inflow creek	S 42°42'51.4" E 146°34'02.3"	22.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR182	-	MW581558	-
Ana 522	<i>Anaspides tasmaniae</i>	Khazad Dum entrance, inflow creek	S 42°42'51.4" E 146°34'02.3"	22.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR182	-	MW581559	-
Ana 531	<i>Anaspides tasmaniae</i>	Ferntree Bower	S 42°55'19.3" E 147°15'09.0"	18.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR184	-	MW581560	-
Ana 532	<i>Anaspides tasmaniae</i>	Ferntree Bower	S 42°55'19.3" E 147°15'09.0"	18.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR184	-	MW581561	-
Ana 533	<i>Anaspides tasmaniae</i>	Ferntree Bower	S 42°55'19.3" E 147°15'09.0"	18.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR184	-	MW581562	-
Ana 534	<i>Anaspides tasmaniae</i>	Ferntree Bower	S 42°55'19.3" E 147°15'09.0"	18.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR184	-	MW581563	-
Ana 535	<i>Anaspides tasmaniae</i>	The Chalet, Mt. Wellington	S 42°53'25.3" E 147°14'09.9"	18.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR186	-	MW581564	-
Ana 536	<i>Anaspides tasmaniae</i>	Silver Falls, Mt. Wellington	S 42°55'14.1829" E 147°15'1.7283"	18.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR188	-	MW581565	-
Ana 537	<i>Anaspides tasmaniae</i>	Silver Falls, Mt. Wellington	S 42°55'14.1829" E 147°15'1.7283"	18.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR188	-	MW581566	-
Ana 538	<i>Anaspides tasmaniae</i>	Silver Falls, Mt. Wellington	S 42°55'14.1829" E 147°15'1.7283"	18.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR188	-	MW581567	MW581076
Ana 539	<i>Anaspides tasmaniae</i>	Silver Falls, Mt. Wellington	S 42°55'14.1829" E 147°15'1.7283"	18.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	AM P105549A	-	MW581568	-
Ana 540	<i>Anaspides tasmaniae</i>	Silver Falls, Mt. Wellington	S 42°55'14.1829" E 147°15'1.7283"	18.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	AM P105549B	-	MW581569	-

Ana 541	<i>Anaspides tasmaniae</i>	Silver Falls, Mt. Wellington	S 42°55'14.1829" E 147°15'1.7283"	18.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	AM P105549C	MW584901	MW581570	-
Ana 542	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	22.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR189	-	MW581571	-
Ana 543	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	22.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR189	MW584902	MW581572	MW581077
Ana 544	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	22.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	ZSRO CR189	-	MW581573	-
Ana 545	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River I, Florentine Road	S 42°44'52.6" E 146°34'03.9"	22.02.2019	S. Richter, S. Ahyong, M. Grams, C. Höpel	AM P105550	-	MW581574	-
Ana 546	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River II, Florentine Road	S 42°44'50.1" E 146°33'30.2"	01.03.2019	S. Richter, M. Grams, C. Höpel	ZSRO CR190	MW584903	MW581575	-
Ana 547	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River II, Florentine Road	S 42°44'50.1" E 146°33'30.2"	01.03.2019	S. Richter, M. Grams, C. Höpel	ZSRO CR190	-	MW581576	-
Ana 548	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River II, Florentine Road	S 42°44'50.1" E 146°33'30.2"	01.03.2019	S. Richter, M. Grams, C. Höpel	ZSRO CR190	-	MW581577	-
Ana 549	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River III, Florentine Road	S 42°44'18.8" E 146°32'38.9"	01.03.2019	S. Richter, M. Grams, C. Höpel	ZSRO CR191	-	MW581578	-
Ana 550	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River III, Florentine Road	S 42°44'18.8" E 146°32'38.9"	01.03.2019	S. Richter, M. Grams, C. Höpel	ZSRO CR191	MW584904	MW581579	-
Ana 551	<i>Anaspides tasmaniae</i>	Tributary to Tyenna River III, Florentine Road	S 42°44'18.8" E 146°32'38.9"	01.03.2019	S. Richter, M. Grams, C. Höpel	ZSRO CR191	-	MW581580	-