

Supplementary Material

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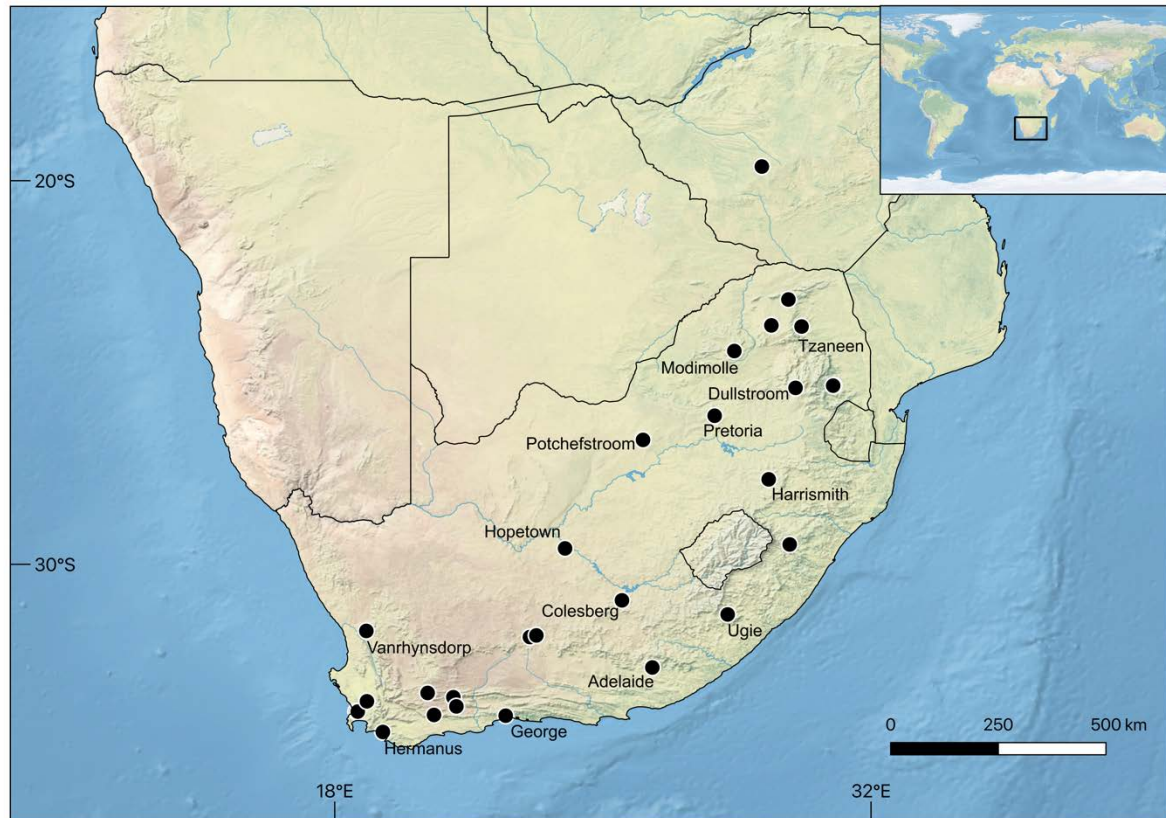
Xenopus laevis as UberXL for nematodes

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Supplementary Table S1: Detailed information on 28 collection localities in southern Africa, where full parasitological surveys of *Xenopus laevis* were conducted, including a map of localities (Supplementary Figure S1) for reference.

Site	Collection date	Coordinates	Sample size	Habitat
7-Fontein Farm, Vanrhynsdorp , Western Cape	November 2017	31.73605° S, 18.82546° E	7	Rocky pools in mountain stream
Adelaide Golf Club, Adelaide , Eastern Cape	November 2017	32.6879° S, 26.2951° E	4	Urban recreational dam in informal settlement
Bald Hills Farm, Ugie , Eastern Cape	December 2017	31.30493° S, 28.26462° E	6	Fountain and dam on farm
Bloemendal Wine Estate, Cape Town , Western Cape	July 2017	33.83921° S, 18.60027° E	5	Dam on farm
Burgundy Estate, Cape Town , Western Cape	June 2017	33.8355° S, 18.55281° E	14	Urban recreational dam
Crimson Creek Cherry Farm, Dullstroom , Mpumalanga Province	May 2017	25.39811° S, 30.03804° E	10	Vegetated dam in mountain stream on farm
Debshan, Zimbabwe	November 2017	19.682545° S, 29.15468° E	1	Pan in vlei on farm
GaMamadi Guest Farm, Victoria West , Northern Cape	November 2017	31.85263° S, 23.26454° E	2	Stagnant pool in mountain stream on farm
George Botanical Gardens, George , Western Cape	February 2018	33.94552° S, 22.46366° E	3	Vegetated pond in urban area
Groothoek Farm, Laingsburg , Western Cape	November 2017	33.35275° S, 20.42553° E	2	Stagnant pool in dry mountain stream on farm
Hermanus , Western Cape	June 2017	34.370157° S, 19.25705° E	7	Vegetated dam in urban area
Jacana Estate, White River , Mpumalanga	April 2017	25.33909° S, 31.02255° E	8	Vegetated shallow dam in peri-urban

Site	Collection date	Coordinates	Sample size	Habitat
Province				area
Letsitele, Tzaneen , Limpopo Province	May 2017	23.76933° S, 30.195127° E 33.57135° S,	10	Ornamental garden pond on farm
Loekiesfontein Farm, Wellington , Western Cape	November 2017	18.8401° E; 33.55603° S, 18.84368° E	8	Dam on farm
Louis Trichardt , Limpopo Province	February 2019	23.07283° S, 30.07105° E	8	Stagnant pool in river on farm
Morgenzon Farm, Hopetown , Northern Cape	December 2017	29.58477° S, 24.01435° E	7	Inundated grass caused by flow from crop irrigation on farm
Nonpareil Farm, Verkykerskop , Free State	January 2018	27.783264° S, 29.33627° E	7	Ornamental garden pond on farm
Placidus Farm, Modimolle , Limpopo Province	April 2017	24.43836° S, 28.4369° E	6	Ornamental garden pond on farm
Potchefstroom , North-West Province	March 2017	26.75549° S, 26.050598° E	9	Vlei in peri-urban area
Riverstone Game Farm, Riversdale , Western Cape	November 2017	33.70331° S, 21.17617° E	5	Pool in river on farm
Rondepan, Vencor, Polokwane , Limpopo Province	April 2017	23.76933° S, 29.40465° E	7	Dam in inundated grass caused by flow from abattoir
Roodepoort, Johannesburg , Gauteng	February 2018	26.125111° S, 27.922216° E 33.92638° S, 20.59174° E;	6	Dam in peri-urban area
Sandrivier Farm, Barrydale , Western Cape	November 2017	33.92834° S, 20.59153° E; 33.93128° S, 20.58732° E	9	Farm dams and connecting river
Tasselberry, White River , Mpumalanga Province	May 2017	25.33197° S, 31.04329° E	6	Ornamental garden pond in peri-urban area
Three Sisters Guest Farm, Three Sisters , Northern Cape	November 2017	31.89501° S, 23.09568° E	5	Ornamental garden pond on farm
Twееfontein Farm, Colesberg , Northern Cape	December 2017	30.93843° S, 25.50022° E	5	Swimming pool on farm
Voorbaat Farm, Ladismith , Western Cape	November 2017	33.46372° S, 21.09696° E	6	Vegetated dam in mountain stream on farm
Wakefield, Howick , KwaZulu Natal	February 2018 & April 2019	29.47973° S, 29.88769° E	8	Pools in vlei on farm



Supplementary Figure S1: Distribution of the 28 localities (black dots) where *Xenopus laevis* was collected in southern Africa for this study, as explained in Supplementary Table S1. Key city and town names are indicated on the map. Maps utilise the Mercator projection and were created in QGIS 3.4.3 Madeira based upon the *Natural Earth* public domain map.