

Note: This is Online Appendix 1 of Labuschagne, K., Meiswinkel, R., Liebenberg, D, Van Zyl, C., Van Schalkwyk, A. & Scholtz, C., 2023, 'Description of *Culicoides truuskae* sp. n. (Diptera: Ceratopogonidae) from southern Africa', *Onderstepoort Journal of Veterinary Research* 90(1), a2072. <https://doi.org/10.4102/ojvr.v90i1.2072>

Appendix 1

TABLE 1-A1. *Culicoides* species sequenced as part of this study as well as sequences obtained from GenBank.

Sample ID	<i>Culicoides</i> species	Mt-COI accession number (GenBank)	Locality (GPS)	Sex
11-14	<i>C. truuskae</i> sp. n.	KY305212	Namibia, Aus	Female
12-14	<i>C. truuskae</i> sp. n.	KY305213	Namibia, Aus	Female
14-14	<i>C. truuskae</i> sp. n.	KY305215	Namibia, Aus	Male
16-14	<i>C. truuskae</i> sp. n.	KY305217	Namibia, Aus	Male
115-16	<i>C. truuskae</i> sp. n.	KY305216	Namibia, Windhoek	Female
2-17	<i>C. truuskae</i> sp. n.	KY933263	RSA: Springbok	Female
3-17	<i>C. truuskae</i> sp. n.	KY933264	RSA: Springbok	Female
4-17	<i>C. truuskae</i> sp. n.	KY933265	RSA: Springbok	Female
7-17	<i>C. truuskae</i> sp. n.	KY933266	RSA: Springbok	Male
8-17	<i>C. truuskae</i> sp. n.	KY933267	RSA: Springbok	Male
9-17	<i>C. truuskae</i> sp. n.	KY933268	RSA: Springbok	Male
10-17	<i>C. truuskae</i> sp. n.	KY933269	RSA: Springbok	Male
13-14	<i>C. truuskae</i> sp. n.	OP132687	Namibia, Aus	Female
11-17	<i>C. coarctatus</i>	KY933270	RSA: Mbombela	Female
12-17	<i>C. coarctatus</i>	KY933271	RSA: Mbombela	Female
13-17	<i>C. coarctatus</i>	KY933272	RSA: Mbombela	Female
14-17	<i>C. coarctatus</i>	KY933273	RSA: Mbombela	Female
15-17	<i>C. coarctatus</i>	KY933274	RSA: Mbombela	Female
16-17	<i>C. coarctatus</i>	KY933275	RSA: Mbombela	Female
17-17	<i>C. coarctatus</i>	KY933276	RSA: Mbombela	Male
19-17	<i>C. coarctatus</i>	KY933277	RSA: Mbombela	Male
17-14	<i>C. herero</i>	KY305218	Namibia, Aus	Female
21-14	<i>C. herero</i>	KY305219	Namibia, Aus	Male
23-15	<i>C. herero</i>	KY305220	RSA: Jansenville	Female
33-16	<i>C. herero</i>	KY305221	Namibia, Okahandja	Male

65-16	<i>C. herero</i>	KY305225	Namibia, Windhoek	Male
22-14	<i>C. herero</i>	OP132688	Namibia, Aus	Male
18-14	<i>C. herero</i>	OP132689	Namibia, Aus	Female
32-16	<i>C. herero</i>	OP132690	Namibia, Okahandja	Female
20-14	<i>C. herero</i>	OP132691	Namibia, Aus	Male

TABLE 2-A1. Collections sites with longitude and latitude co-ordinates used in the generation of the distribution map.

Trap No	Collection area	Longitude	Latitude
1	Namibia Swakop River	14.525	-22.970
2	Namibia Brandberg	14.527	-21.225
3	Namibia Aus	16.257	-26.661
4	Namibia Corona	16.317	-23.507
5	Namibia Hureb	16.414	-22.593
6	RSA Alexander Bay	16.533	-28.567
7	Namibia Okahandja	16.795	-21.958
8	Namibia Windhoek	17.601	-22.451
9	RSA Springbok	17.880	-29.667
10	RSA Piketberg	18.711	-32.719
11	RSA Paarl	18.916	-33.671
12	RSA Robertson	19.547	-33.777
13	RSA Calvinia	19.767	-31.500
14	RSA Laingsburg	21.167	-33.367
15	RSA Upington	21.256	-28.369
16	RSA George	22.508	-33.980
17	RSA Beaufort West	22.593	-32.378
18	RSA Prieska	22.730	-29.667
19	Botswana Maun	23.403	-20.000
20	RSA Bray	23.700	-25.456
21	RSA Uniondale	23.750	-33.667
22	RSA De Aar	24.000	-30.667
23	RSA Graaff Reinet	24.559	-32.336
24	RSA Kimberley	24.760	-28.875
25	RSA Port Elizabeth	25.031	-33.942
26	RSA Colesberg	25.120	-30.708
27	Botswana Gaborone	25.917	-24.683
28	RSA Grahamstown	26.504	-33.299
29	RSA Welkom	26.670	-27.977
30	RSA Queenstown	26.920	-31.824
31	RSA Ellisras	27.700	-23.667
32	RSA Elliot	27.820	-31.383
33	RSA Bela-Bela	27.933	-24.750
34	RSA Gonubie	27.989	-32.942
35	RSA Pretoria	28.159	-25.634
36	RSA Clarens	28.342	-28.515
37	Zimbabwe Gwanda	29.000	-20.817
38	RSA Vrede	29.154	-27.444
39	Zimbabwe Rekomitjie	29.400	-16.133
40	RSA Giants Castle	29.530	-29.277
41	RSA Middelburg	29.600	-25.767
42	RSA Kokstad	29.872	-30.200
43	Zimbabwe Mlezu	29.917	-19.150
44	RSA New Castle	29.920	-28.079
45	RSA Tshipise	30.167	-22.617
46	RSA Howick	30.226	-29.356

47	RSA Tzaneen	30.261	-23.805
48	RSA Amsterdam	30.668	-26.725
49	RSA Vryheid	30.774	-27.839
50	RSA Hazyview	30.844	-24.871
51	Zimbabwe Harare	31.049	-17.782
52	RSA Phalaborwa	31.067	-24.152
53	RSA KNP Skukuza	31.590	-24.988
54	RSA Mtunzini	31.717	-28.967
55	RSA Komatipoort	31.967	-25.517
56	Zimbabwe Rusape	32.233	-18.533
57	RSA Kuleni	32.357	-28.034
58	Zimbabwe Chipinge	32.628	-20.195