

Fieldwork campaigns and citizen science data increase the distributional range of the elusive *Vipera monticola* in Morocco

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Basic and Applied Herpetology 37 (2023) 00-00

SUPPLEMENTARY MATERIAL

Table S1: Data on the viper records reported in this study, including source (FW, fieldwork carried out by the authors; CS, citizen science data), subspecies (*sensu* MARTINEZ-FREIRIA *et al.*, 2021; putative subspecies according to geographic position are signalled with *), date, local administrative region, lat (latitude), long (longitude), UTM10 (corresponding UTM 10x10km cell, datum WGS1984), N (number of individuals), sequenced (if a sample was sequenced, CODE in Table 1 and Fig. 1), photo (picture in Fig.2), notes and collectors.

source	subspecies	date	local	region	lat	long	UTM10	N	sequenced	photo	notes	collectors
FW	<i>monticola</i>	11/09/2021	Oukaimeden	Marrakesh-Safi	31.19	-7.86	29RTPQ05	1		K	Live, adult male	the authors
FW	<i>monticola</i>	18/09/2021	Oukaimeden	Marrakesh-Safi	31.19	-7.86	29RTPQ05	4			Live, three adult male and one adult female	the authors
FW	<i>monticola</i>	19/09/2021	Oukaimeden	Marrakesh-Safi	31.19	-7.86	29RTPQ05	3			Live, three adult males	the authors
FW	<i>atlantica</i>	21/09/2021	Tichka plateau	Marrakesh-Safi	30.90	-8.62	29RNQ31	2			Live, one adult female and one juvenile	the authors
FW	<i>atlantica</i>	22/09/2021	Tichka plateau	Marrakesh-Safi	30.90	-8.62	29RNQ31	4			Live, four adult males	the authors
FW	<i>saintgironsi</i>	07/05/2022	Talassentane N.P.	Ouezzane	35.11	-5.13	30SUD08	1	22VMI33	D	Live, adult female (reproductive)	the authors
FW	<i>saintgironsi</i>	14/05/2022	Lake Izoughar	Tadla-Azilal	31.70	-6.26	29RQR50	1	22VMI34	H	Live, juvenile	the authors
FW	<i>monticola</i>	18/05/2022	Oukaimeden	Marrakesh-Safi	31.20	-7.86	29RTPQ05	4			Live, three adult females and one adult male	the authors
FW	<i>monticola</i>	29/09/2022	Oukaimeden	Marrakesh-Safi	31.19	-7.86	29RTPQ05	8			Live, five adult females, two adult males and one juvenile	the authors
FW	<i>monticola</i>	01/10/2022	Tamda n'Oughmar	Drâa Tafilalet	31.32	-7.00	29RTPC96	1	22VMZ16	J	Live, adult female	the authors
FW	<i>atlantica</i>	04/10/2022	Tichka plateau	Marrakech-Safi	30.92	-8.60	29RNQ32	2		M	Live, adult male and female	the authors
FW	<i>atlantica</i>	05/10/2022	Tichka plateau	Marrakech-Safi	30.90	-8.62	29RNQ31	3			One killed adult male, and two live, adult males	the authors
CS	<i>saintgironsi</i>	19/04/2017	Bouhachem, West	Ouezzane	35.23	-5.41	30STE60	1		A	Live, adult male	A. Al Ouardi
CS	<i>monticola</i>	20/07/2017	Oukaimeden	Marrakesh-Safi	31.19	-7.85	29RTPQ05	1				M. Ait Tazart
CS	<i>saintgironsi</i> *	10/10/2018	MCout	Drâa-Tafilalet	31.57	-6.35	29RQQ59	1		I		A. Nassal & H. Lemasra
CS	<i>saintgironsi</i> *	04/03/2020	Beni Bchir	Ouezzane	34.71	-4.38	30SUD74	1		E	Live, under rock, juvenile	A. Yassine

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CS	<i>saintgironsi</i> *	21/03/2021	Bouhachem, East	Ouezanne	35.27	-5.54	30STE80	1	B	Live, adult male	Y. Schli
CS	<i>monticola</i>	22/07/2022	Jbel Sirwa	Souss-Massa	30.69	-7.61	29RPF39	1	L	Live, adult	S. Belhajali
CS	<i>saintgironsi</i> *	15/08/2022	J. Bou Naceur	Fès-Meknès	33.56	-3.97	30SYC01	1	G	Live, adult male	M. Bourmdane
CS	<i>atlantica</i> *	07/10/2022	J. Tabgourt	Marrakech-Safi	30.99	-8.77	29RNQ22	2	N	Live, adult male and female	A. Azahrou
CS	<i>saintgironsi</i> *	08/10/2022	Akhour	Chefchaouen	35.30	-5.15	30SUE00	1	C	Live, subadult male	A. Elamri & A. Jdaini
CS	<i>saintgironsi</i> *	NA	Douar Tarya	Taounate	34.65	-4.43	30SUD63	1	F	Live on the road, partially damaged	J. El Bakkli & Y. Nassi