

CORRECTION

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Correction to: Update of the *Culicoides* (Diptera: Ceratopogonidae) species checklist from Algeria with 10 new records

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Following publication of the original article [1], it was brought to the authors' attention that Table 1 had published with incomplete information.

The published article has since been updated and the corrected table may be found in this correction.

The authors apologize for any inconvenience caused.

The original article can be found online at <https://doi.org/10.1186/s13071-020-04335-4>.

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Table 1 List of the material examined to produce 10 new records for the Algerian fauna

Species	Type of material	Country	Locality	Coordinates	Date	Material examined
<i>Culicoides (Avaritia) chiop- terus</i> (Meigen)	Non-type material	Algeria	Ain El Deheb	34°51'N, 1°29'E	23–24 Mar 2018	1 female
		France	Andevanne	49°23'N, 5°4'E	17–18 Oct 2006	1 female
			Caro	43°8'N, 1°14'W	23–24 Oct 2006	1 female
			Nuillé sur Vicoin	47°57'N, 0°45'W	4–5 Jul 2011	1 female
			Orbey	48°7'N, 7°7'E	25–26 May 2009	5 females
			Pontivy	48°4'N, 2°58'W	18–19 Jan 2012	5 females
			Schwobsheim	48°13'N, 7°34'E	18–19 Apr 2011	1 female
<i>Culicoides (Avaritia) dewulfi</i> Goetghebuer	Non-type material	Algeria	Tiaret	35°23'N, 1°21'E	16–19 Sep 2017	1 female
			Bougara	35°29'N, 1°55'E	13–15 Nov 2016	1 female
			Sougueur	35°09'N, 1°31'E	13–16 May 2016	2 females
			Ain El Deheb	34°51'N, 1°29'E	25–27 Jul 2017	3 females
			Ain El Deheb	34°51'N, 1°29'E	1–2 Jun 2018	1 female
			Hammadia	35°26'N, 1°53'E	2–5 Jun 2016	1 female
			Takhmaret	35°06'N, 0°42'E	12–15 Sep 2017	1 female
			Takhmaret	35°06'N, 0°42'E	13–14 Sep 2018	3 females
		France	Caro	43°84'N, 1°14'W	29–30 May 2006	2 females
			Cuguen	48°26'N, 1°39'W	14–15 Nov 2011	1 female
<i>Culicoides (Beltranmyia)</i> <i>navaiae</i> Lane	Non-type material	Algeria	Lazer	44°21'N, 5°51'E	18–19 Apr 2011	2 females
			Tiaret	35°23'N, 1°21'E	3–6 Jun 2017	2 females
			Tiaret	35°23'N, 1°21'E	28–30 Sep 2017	1 male, 2 females
			Tiaret	35°23'N, 1°21'E	21–22 Sep 2018	2 females
			Bougara	35°29'N, 1°55'E	9–12 May 2016	3 females
			Bougara	35°29'N, 1°55'E	10–13 Nov 2016	3 females
			Bougara	35°29'N, 1°55'E	15–19 Apr 2017	5 females
			Bougara	35°29'N, 1°55'E	29–30 Jun 2018	1 female
			Sougueur	35°09'N, 1°31'E	3–6 Feb 2016	11 females
			Sougueur	35°09'N, 1°31'E	23–26 Jun 2017	4 females
			Sougueur	35°09'N, 1°31'E	14–15 Sep 2018	2 females
			Ain El Deheb	34°51'N, 1°29'E	2–5 Apr 2016	11 females
			Ain El Deheb	34°51'N, 1°29'E	24–27 Apr 2017	2 females
			Ain El Deheb	34°51'N, 1°29'E	21–22 Sep 2018	27 females
			Ksar Chellala	35°15'N, 2°18'E	13–16 May 2016	20 females
			Ksar Chellala	35°15'N, 2°18'E	1–4 Nov 2017	18 females
			Ksar Chellala	35°15'N, 2°18'E	21–22 Sep 2018	18 females
			Hammadia	35°26'N, 1°53'E	16–19 Jun 2016	12 females
			Hammadia	35°26'N, 1°53'E	1–4 Jul 2017	18 females
			Hammadia	35°26'N, 1°53'E	7–8 Sep 2018	9 females
			Rahouia	35°29'N, 1°03'E	23–26 Jun 2017	22 females
			Rahouia	35°29'N, 1°03'E	9–12 Jul 2017	11 females
			Rahouia	35°29'N, 1°03'E	21–22 Sep 2018	18 females
			Machraa S'fa	35°22'N, 1°03'E	3–6 Jun 2017	12 females
			Machraa S'fa	35°22'N, 1°03'E	23–26 Jun 2017	23 females
			Machraa S'fa	35°22'N, 1°03'E	13–14 Jul 2018	7 females
			Takhmaret	35°06'N, 0°42'E	5–8 Jul 2016	8 females
			Takhmaret	35°06'N, 0°42'E	29 Jul–1 Aug 2017	6 females
			Takhmaret	35°06'N, 0°42'E	8–9 Jun 2018	9 females
			Egypt	Sinaï, Khirba	31°1'N, 32°53'E	25 Apr 1979
		Sinaï, Khirba	31°1'N, 32°53'E	24 Apr 1979	1 male	

Table 1 (continued)

Species	Type of material	Country	Locality	Coordinates	Date	Material examined			
<i>Culicoides (Culicoides) griseocens</i> Edwards	Non-type material	Algeria	Sougueur	35°09'N, 1°31'E	5–7 Apr 2017	10 females			
			Sougueur	35°09'N, 1°31'E	26–29 May 2017	13 females			
			Sougueur	35°09'N, 1°31'E	3–6 Jun 2017	5 females			
			Sougueur	35°09'N, 1°31'E	17–20 Jul 2017	13 females			
			Sougueur	35°09'N, 1°31'E	25–28 Jul 2017	11 females			
			Sougueur	35°09'N, 1°31'E	20–23 Sep 2017	15 females			
			Sougueur	35°09'N, 1°31'E	1–3 Oct 2017	12 females			
			Sougueur	35°09'N, 1°31'E	1–4 Jul 2018	9 females			
			Sougueur	35°09'N, 1°31'E	7–8 Sep 2018	9 females			
			Ain El Deheb	34°51'N, 1°29'E	29 Nov –5 Dec 2015	2 females			
			Ain El Deheb	34°51'N, 1°29'E	15–17 Sep 2016	15 females			
			Ain El Deheb	34°51'N, 1°29'E	5–7 Apr 2017	9 females			
			Ain El Deheb	34°51'N, 1°29'E	28–29 Sep 2018	11 females			
			Ksar Chellala	35°15'N, 2°18'E	26–29 May 2017	7 females			
			Ksar Chellala	35°15'N, 2°18'E	9–12 Nov 2017	6 females			
			Ksar Chellala	35°15'N, 2°18'E	21–22 Sep 2018	16 females			
			Hammadia	35°26'N, 1°53'E	15–17 Sep 2016	8 females			
			Hammadia	35°26'N, 1°53'E	28–30 Sep 2017	7 females			
			Hammadia	35°26'N, 1°53'E	1–3 Oct 2017	11 females			
			Hammadia	35°26'N, 1°53'E	28–29 Sep 2018	12 females			
			Rahouia	35°29'N, 1°03'E	24–27 Jun 2016	5 females			
			Rahouia	35°29'N, 1°03'E	12–15 Sep 2017	8 females			
			Rahouia	35°29'N, 1°03'E	21–22 Sep 2018	7 females			
			Machraa S'fa	35°22'N, 1°03'E	8–10 Sep 2016	9 females			
			Machraa S'fa	35°22'N, 1°03'E	26–29 May 2017	9 females			
			Machraa S'fa	35°22'N, 1°03'E	15–16 Jun 2018	7 females			
			Takhmaret	35°06'N, 0°42'E	20–23 Jun 2016	19 females			
			Takhmaret	35°06'N, 0°42'E	5–7 Apr 2017	10 females			
			Takhmaret	35°06'N, 0°42'E	28–29 Sep 2018	12 females			
					France	Brognon	49°55'N, 4°18'E	2è–28 Jun 2007	1 female
						Marcoux	44°7'N, 6°17'E	22–23 Jul 2009	4 females
			<i>Culicoides (Culicoides) paradoxalis</i> Ramilo & Delécolle	Type material	Algeria	Ain El Deheb	34°51'N, 1°29'E	27–28 Apr 2018	1 female
						France, Corsica	Pietra Corbara	42°50'N, 9°26'E	3–4 Jun 2003
					Pietra Corbara	42°50'N, 9°26'E	3–4 Jun 2003	2 female	
					Pietra Corbara	42°50'N, 9°26'E	6–7 Jul 2004	1 female	
					Porto Vecchio	41°35'N, 9°15'E	22–23 Sep 2005	2 females	
					Sarrola Carcopino	42°0'N, 8°50'E	26–27 Jun 2006	1 female	
					Sartene	41°38'N, 8°57'E	27–28 Sep 2005	1 female	
					Sartene	41°38'N, 8°57'E	12–13 Jun 2002	1 female	
					Sartene	41°38'N, 8°57'E	20–21 Jun 2002	1 female	

Table 1 (continued)

Species	Type of material	Country	Locality	Coordinates	Date	Material examined
<i>Culicoides (Sensiculicoides) shaklawensis</i> Khalaf	Non-type material	Algeria	Tiaret	35°23'N, 1°21'E	9–14 Mar 2016	1 female
			Tiaret	35°23'N, 1°21'E	15–16 Jun 2018	1 female
			Tiaret	35°23'N, 1°21'E	27–28 Jul 2018	1 female
			Bougara	35°29'N, 1°55'E	29–31 Oct 2016	1 female
		France	Calvi	42°32'N, 8°45'E	23–24 Jun 2003	1 female
			Marcoux	44°7'N, 6°17'E	22–23 Jul 2009	1 female
<i>Culicoides (Sensiculicoides) simulator</i> Edwards	Non-type material	Algeria	Tiaret	35°23'N, 1°21'E	1–2 Jun 2018	1 female
			France	Aleria	42°6'N, 9°29'E	8–9 Jun 2004
		France	La Chapelle d'Andaine	48°31'N, 0°28'W	19–20 Jun 2012	1 female
			Marcoux	44°7'N, 6°17'E	22–23 Jul 2009	1 female
			Remilly Aillicourt	49°39'N, 4°58'E	24–25 May 2007	1 female
<i>Culicoides (Sensiculicoides) univittatus</i> Vimmer	Non-type material	Algeria	Tiaret	35°23'N, 1°21'E	10–12 Dec 2016	1 male, 1 female
			Tiaret	35°23'N, 1°21'E	15–17 Mar 2017	4 males, 7 females
			Tiaret	35°23'N, 1°21'E	4–5 May 2018	2 females
		France, Corsica	Figari	41°30'N, 9°5'E	10–11 Apr 2006	1 male, 4 females
			Figari	41°30'N, 9°5'E	14–15 Feb 2011	1 female
			Moltifao	42°28'N, 9°7'E	25–26 Apr 2005	1 female
			San Giuliano	42°17'N, 9°32'E	6–7 Mar 2003	2 males
			San Giuliano	42°17'N, 9°32'E	10–11 Feb 2011	1 female
<i>Culicoides (Silvaticulicoides) achrayi</i> Kettle & Lawson	Non-type material	Algeria	Hammadia	35°26'N, 1°53'E	27–28 Apr 2018	1 female
			Sougueur	35°09'N, 1°31'E	15–17 Oct 2016	1 female
			Sougueur	35°09'N, 1°31'E	5–7 Apr 2017	1 female
		France	Crozon	48°16'N, 4°30'W	13–14 Jun 2011	2 females
			Pontivy	48°4'N, 2°58'W	18–19 Jan 2012	3 females
<i>Culicoides (Silvaticulicoides) picturatus</i> Kremer & Deduit	Non-type material	Algeria	Tiaret	35°23'N, 1°21'E	24–27 Jun 2016	1 female, 1 male
			Tiaret	35°23'N, 1°21'E	10–12 Jul 2016	1 female
			Tiaret	35°23'N, 1°21'E	28–29 Sep 2018	1 female
		France	Humes Jorquenay	47°54'N, 5°18'E	6–7 Jun 2011	1 male
			Lazer	44°21'N, 5°51'E	18–19 Apr 2011	1 female
			Porto Vecchio	41°35'N, 9°15'E	29–30 May 2002	2 males
			Saignon	43°51'N, 5°27'E	6–7 Jun 2011	3 females

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Reference

1. Belkharouchouche M, Berchi S, Mathieu B, Rakotoarivony I, Duhayon M, Baldet T, Balenghien T. Update of the *Culicoides* (Diptera: Ceratopogonidae) species checklist from Algeria with 10 new records. *Parasites Vectors*. 2020;13:463. <https://doi.org/10.1186/s13071-020-04335-4>.

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