

Abdelkhaleq Fouzi *et al.*, 2020. The alien boatman *Trichocorixa verticalis verticalis* (Hemiptera: Corixidae) is expanding in Morocco. *Limnetica* 39(1), 2020: 49-59

SUPPLEMENTARY INFORMATION

Table S1. Table of abundance and value of abiotic parameters measured in the sampling sites where *T. v. verticalis* was found. *Tabla de abundancia y valor de los parámetros abióticos medidos en los sitios de muestreo donde se encontró T. v. verticalis.*

| Site | Station name | Date | GPS | Abu | Sal (g/l) | Alt (m) | T (°C) | Mean depth (cm) | Cond (mS/cm) | Habitat | Reference |
|--------|---------------------|------------|-----------------------------|-----|-----------|---------|--------|-----------------|--------------|---------|------------------------------|
| S51 | Bas Loukkos | 03/04/2004 | 35°12'39.0"N 6°07'17.5"W | 2 | 1 | 9 | 25.7 | 25 | 2.26 | MR | L'Mohdi <i>et al.</i> , 2010 |
| S52 | Vasière Larache | 03/04/2004 | 35°12'21.5"N 6°07'58.7"W | 143 | 19.3 | 13 | 24.3 | 35 | 31.1 | SA | L'Mohdi <i>et al.</i> , 2010 |
| S53 | Ruisseau Rekada | 20/04/2004 | 35°10'22.0"N 6°07'34.9"W | 1 | 1.1 | 54 | 20 | 50 | 2.35 | OCS | L'Mohdi, 2016 |
| S54 | Chenal côté lixus | 03/04/2004 | 35°14'23.0"N 6°08'00.2"W | 165 | 7.4 | 8 | 19.8 | 20 | 12.82 | CA | L'Mohdi <i>et al.</i> , 2010 |
| S55 | Sansouire Larache | 03/04/2004 | 35°10'53.9"N 6°07'27.5"W | 35 | 10.8 | 8 | 22.8 | 20 | 17.64 | SA | L'Mohdi <i>et al.</i> , 2010 |
| S56 | Salines Larache | 03/04/2004 | 35°10'53.9"N 6°07'27.5"W | 264 | 18.2 | 8 | 22.7 | 40 | 29.6 | SP | L'Mohdi <i>et al.</i> , 2010 |
| S57 | Salines Larache | 03/04/2004 | 35°10'53.9"N 6°07'27.5"W | 25 | 29.5 | 8 | 29.1 | 67 | 45.3 | SP | L'Mohdi <i>et al.</i> , 2010 |
| S57_1 | Salines Larache | 30/03/2002 | 35°10'53.9"N 6°07'27.5"W | 39 | 70 | 8 | 24.3 | 30 | 169.1 | SP | L'Mohdi <i>et al.</i> , 2010 |
| S59 | O. Sakh soukh | 04/04/2004 | 35°12'24.5"N 6°08'30.4"W | 1 | 0.1 | 40 | 14 | 60 | 0.7 | OCM | L'Mohdi, 2016 |
| S70 | Sansouire Larache | 04/04/2004 | 35°12'13.8"N 6°07'55.7"W | 6 | 17 | 2 | 30 | 20 | 27.5 | SA | L'Mohdi <i>et al.</i> , 2010 |
| S71 | Salines inactives | 04/04/2004 | 35°12'14.9"N 6°08'15.0"W | 4 | 34 | 0 | 25.8 | 30 | 51.7 | SP | L'Mohdi <i>et al.</i> , 2010 |
| S86 | Mograne Kénitra | 05/04/2002 | 34°24'39.2 N 06°20'101"W | 2 | 0.5 | 7 | 22.8 | 50 | 1.455 | CA | L'Mohdi <i>et al.</i> , 2010 |
| S98 | Oulad Fares | 26/04/2007 | 35°34'32.0"N 5°59'34.1"W | 1 | 0.2 | 5 | 23.1 | 48 | 0.36 | OCI | L'Mohdi <i>et al.</i> , 2010 |
| S100 | Melloussa-Tahaddart | 26/04/2007 | 35°40'579"N 05°42'231"W | 1 | 0.5 | 53 | 18.3 | 25 | 0.85 | OCI | L'Mohdi <i>et al.</i> , 2010 |
| S104 | Marécages Smir | 10/05/2005 | 35°43'08.6"N 5°20'52.8"W | 2 | 2.1 | 7 | 18.5 | 50 | 4.18 | MR | L'Mohdi <i>et al.</i> , 2010 |
| S104_1 | Marécages Smir | 13/09/2005 | 35°43'08.6"N 5°20'52.8"W | 1 | 4.2 | 7 | 22 | 40 | 7.72 | MR | L'Mohdi <i>et al.</i> , 2010 |
| S105 | Marécages Smir | 13/09/2005 | 35°43'08.6"N 5°20'51.7"W | 1 | 3.3 | 6 | 24 | 50 | 7.29 | MR | L'Mohdi <i>et al.</i> , 2010 |
| S105_1 | Marécages Smir | 21/10/2005 | 35°43'08.6"N 5°20'51.7"W | 2 | 3.9 | 6 | 21.5 | 50 | 7.29 | MR | L'Mohdi <i>et al.</i> , 2010 |
| S105_2 | Marécages Smir | 21/03/2006 | 35°43'08.6"N 5°20'51.7"W | 4 | 1.8 | 6 | 17.5 | 55 | 3.73 | MR | L'Mohdi <i>et al.</i> , 2010 |
| S158 | Oued Maleh | 20/09/2007 | 35°38'20.4"N 5°16'47.6"W | 10 | 10. | 3 | 17 | 300 | 17.58 | OCI | L'Mohdi, 2016 |
| S161 | Oued Lile | 21/03/2009 | 35°38'45.3"N 5°24'42.0"W | 12 | 0.2 | 39 | 15 | 29 | 0.436 | OCM | L'Mohdi, 2016 |
| G11 | Lac Sidi Boughaba | 21/04/2016 | 30°04'19.3"N 9°39'56.8"W | 34 | 15.8 | 21 | 26 | 60 | 30.34 | LK | This study |
| G10 | Bas Bouregrag | 21/04/2016 | 34°14'54.1"N 6°40'6.1"W | 12 | 18.1 | 10 | 24 | 40 | 37.04 | SA | This study |
| O7 | SIBE Moulouya | 21/02/2016 | 35°07'09.8"N 2°20'15.3"W | 52 | 34.2 | 0 | 23 | 60 | 69.05 | OCI | This study |
| O19 | Saidia | 20/06/2017 | 35°07'04.1"N 2°19'44.9"W | 147 | 60.5 | 1 | 26.5 | 40 | 121.12 | SP | This study |
| N2 | Kariat | 01/05/2016 | 35°06'16.5"N | 65 | 65.7 | 1 | 24 | 50 | 132.01 | SP | This study |

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|------------|-------------------|------------|-----------------------------|-----|------|---|------|-----|--------|----|------------|--|
| | Arkmane | | 2°44'55.1"W | | | | | | | | | |
| N7 | Lagune de Nador 1 | 22/05/2015 | 35°10'47.2"N 2°55'19.3"W | 4 | 12.2 | 4 | 25 | 60 | 25.00 | LK | This study | |
| N8 | Lagune de Nador 2 | 02/05/2016 | 35°09'19.9"N 2°54'24.3"W | 6 | 11.1 | 3 | 24 | 100 | 22.03 | LK | This study | |
| N18 | Souk Mercredi | 27/10/2016 | 35°06'47.3"N 2°44'38.4"W | 129 | 73.2 | 0 | 27 | 80 | 151.20 | SP | This study | |
| N19 | Lagune de Nador 3 | 17/06/2017 | 35°11'38.6"N 2°55'33.2"W | 4 | 17.7 | 0 | 26 | 40 | 35.73 | LK | This study | |
| N20 | Oued Ikhalfiwan | 04/10/2017 | 35°16'40.3"N 3°05'22.6"W | 5 | 1.21 | 8 | 27 | 50 | 2.53 | FB | This study | |
| N21 | Oued Kert | 04/10/2017 | 35°13'30.2"N 3°11'37.3"W | 4 | 1.19 | 1 | 27 | 50 | 2.38 | FB | This study | |
| M21 | Pont Cap de l'eau | 23/06/2014 | 35°3'5.7" N 2°25'42.4" W | 7 | 1.32 | 6 | 23.3 | 70 | 2.65 | FB | This study | |
| M22 | Aval Moulouya | 18/05/2014 | 35°5'51.4" N 2°23'19" W | 6 | 1.47 | 3 | 25.6 | 50 | 2.98 | FB | This study | |

Abbreviations. MR: wetland; SA: Saline pond; CA: Irrigation channel; OCI: river-lower course; OCM: river-middle course; OCS: river-upper course; FB: river pool; SP: salt-pans; LK: lake.

Abreviaturas. MR: humedal; SA: Charca salina; CA: canal de riego; OCI: río-curso inferior; OCM: río-curso medio; OCS: río-curso superior; FB: poza en río; SP: estanque de sal; Lk: lago.