

## CORRIGENDUM

# Urban forests as hubs for novel zoonosis: blood meal analysis, seasonal variation in *Culicoides* (Diptera: Ceratopogonidae) vectors, and avian haemosporidians – CORRIGENDUM

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Key words: *Culicoides*, *Haemoproteus*, *Sylvia atricapilla*, blood meal analysis, emergent disease, conservation medicine, host–parasite interaction, corrigendum.

The above published article by Santiago-Alarcon *et al.* contains factual errors within table 2. The corrected table is published below. These corrections do not affect the validity of any conclusions within the published article.

Table 2. Haemosporidian parasites found in blood meals (abdomens) and thoraxes from *Culicoides* species collected in the Mooswald forest of Freiburg during summer 2011

Vector species	Vertebrate host identified from haemosporidian-infected blood meal	Body part where parasite was detected	Haemosporidian parasite
<i>C. kibunensis</i>	<i>Erithacus rubecula</i> (1) <sup>a</sup> , UN (1), NBP (2)	Abdomen (1); Thorax (3)	<i>Haemoproteus minutus</i> (4) [TUPHI01]
<i>C. kibunensis</i>	NBP (3)	Abdomen (1); Thorax (2)	<i>Haemoproteus parabelopolskyi</i> (2) [SYAT01]; <i>Haemoproteus</i> sp. (1) [98% similar to lineage TANGLA01]
<i>C. pictipennis</i>	NBP	Thorax (1)	<i>Haemoproteus minutus</i> (1) [TUPHI01]
<i>C. scoticus</i>	NBP	Abdomen (1)	<i>Haemoproteus</i> sp. (1) [99% similar to SYAT01, SYAT03 and SYAT17]

UN = unidentified host (PCR failed to amplify or sequence was of low quality); NBP = no blood, parous specimen. Parasite lineages are indicated in brackets and the number of times the interaction was observed is indicated in parenthesis. <sup>a</sup> New bird host record for *H. minutus* (*Turdus merula* and *T. philomelos* were the only known hosts, see Palinauskas *et al.* 2013).

The reference to the new citation Palinauskas *et al.* 2013 within table 2 is:

Palinauskas, V., Iezhova, T. A., Križanauskienė, A., Markovets, M. Y., Bensch, S., and Valkiūnas, G. (2013). Molecular characterization and distribution of *Haemoproteus minutus* (Haemosporida, Haemoproteidae): A pathogenic avian parasite. *Parasitology International* **62**: 358–363.

## REFERENCE

Santiago-Alarcon, D., Havelka, P., Pineda, E., Segelbacher, G. and Schaefer, H. M. (2013) Urban forests as hubs for novel zoonosis: blood meal analysis, seasonal variation in *Culicoides* (Diptera: Ceratopogonidae) vectors, and avian haemosporidians, *Parasitology*, **140**, 1799–1810, doi:10.1017/S0031182013001285.