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ERRATUM

Erratum to: The carbon dioxide evasion cycle of an intermittent first-order stream: contrasting water–air and soil–air exchange

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Our paper, published in *Biogeochemistry* (Vol. 132, 2017, pp. 87–102), contains a calculation error in the determination of the C-gas flux rates. To correct this error all CO_2 flux rates should be multiplied by 3.66, and all CH_4 flux rates multiplied by 1.34. As a result, the sustained global warming potentials of mean daily water–air CH_4 contributions to total C-gas emissions from the S1 study segment were 39% the sustained global warming potentials of mean soil CO_2 emissions over the 20-year time frame and 29% the measured background water–air emissions over the 100-year time frame. The revised Table 2 below reports correct values for the paper. This does not alter any of the statistical analyses, other interpretations, or general conclusions of the manuscript.

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Table 2 Comparison summary of mean CO_2 concentration and fluxes for temporary ponds, perennial flowing rivers and streams, seasonally ephemeral watercourses, lakes, and wetlands worldwide (±SD; ranges shown in parentheses)

Location/watercourse type	Flux wet[f] (mmol m^{-2} d^{-1})	Flux wet[s] (mmol m^{-2} d^{-1})	Flux dry (mmol m^{-2} d^{-1})	References
River Fluvià, Spain/seasonally ephemeral	79[*] (41–96)	24[*] (22–41)	212[*] (36–455)	von Schiller et al. (2014)
Iberia, Spain/seasonally ephemeral	306 ± 206	–	781 ± 390 (342–1533)	Gómez-Gener et al. (2016)
Tucson, Arizona/seasonally ephemeral	–	–	44 ± 8[p,se,v] (20–3173)	Gallo et al. (2013)
Worldwide/small ponds <0.001 km^2	–	35 ± 5[m,se]	–	Holgerson & Raymond (2016)
Mediterranean/temporary ponds	–	10[*v] (1–70)	(7–526)[*v]	Catalán et al. (2014)
Worldwide/flowing waters	766[m]	–	–	Raymond et al. (2013)
Conterminous USA/flowing waters	541 ± 182[m] (201–914)	–	–	Butman & Raymond (2011)
Boreal/lakes	–	33[m]	–	Weyhenmeyer et al. (2015)
Worldwide/lakes and reservoirs	–	24[m]	–	Raymond et al. (2013)
Tropical/wetlands[¶]	–	107 ± 50[v] (20–141)	255 ± 111[p,v] (69–493)	Sjögersten et al. (2014, Table 4)
Boreal/fen[¶¶]	–	117[v]	144[p,v]	Sonnentag et al. (2010)
This study	244 ± 140[m,v] (−34 to 1278)	111 ± 75[v] (0–206)	264 ± 101[v] (101–420)	

f Flowing waters, *s* stagnant waters, *m* modelled fluxes, *p* considers partial soil rewetting and/or fluctuating water table depth, typically <0m

* Median values, *se* ±standard error, *v* includes vegetated and/or non-vegetated soils

¶ Excludes floodplains, ¶¶Considers fluxes during the snow-free period