

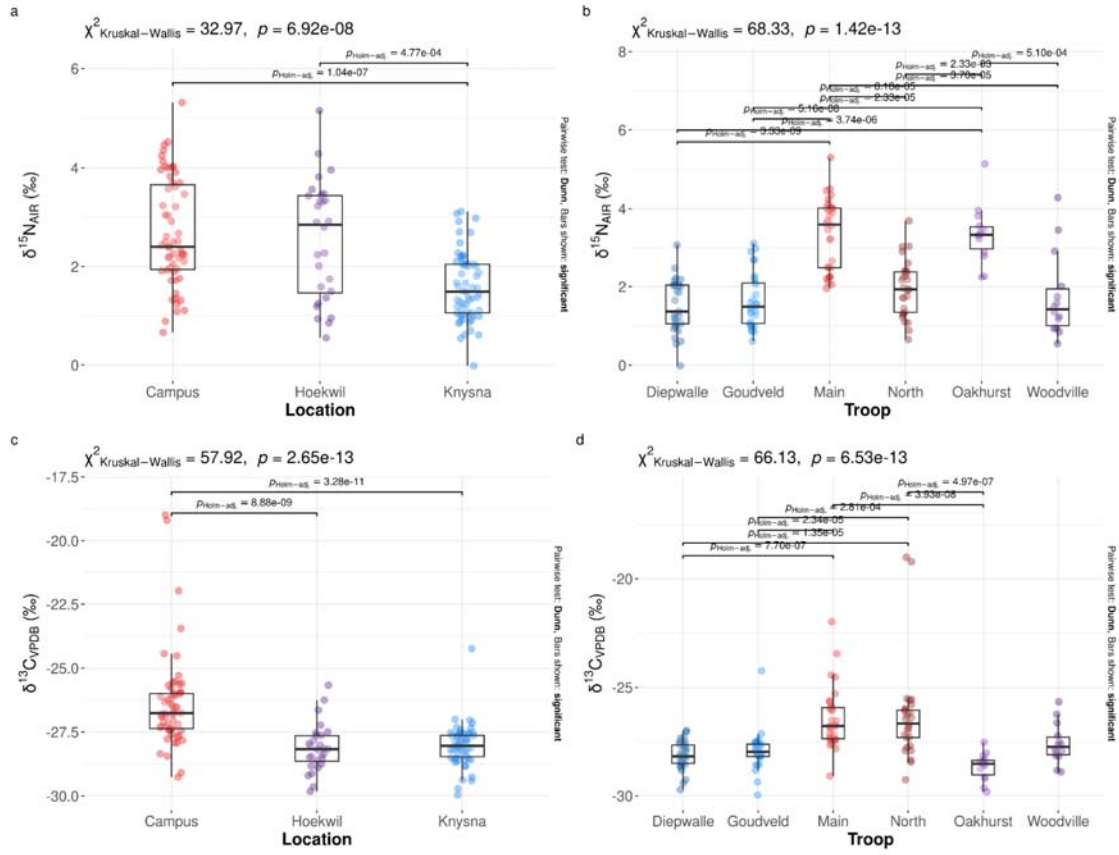
## Supplementary information

**Table S1:** Summary statistics (including minimum, maximum, mean and standard deviation (SD)) for isotopic ratios of Nitrogen and Carbon in the 146 analyzed fecal samples by location and subsite.

Location	$\delta^{15}\text{N}$ (‰)					$\delta^{13}\text{C}$ (‰)				
	Min	Max	Total range	Mean	SD	Min	Max	Total range	Mean	SD
<b>Campus</b>	<b>0.66</b>	<b>5.31</b>	<b>4.65</b>	<b>2.68</b>	<b>1.08</b>	<b>-29.26</b>	<b>-18.99</b>	<b>10.27</b>	<b>-26.38</b>	<b>1.84</b>
Main	1.95	5.31	3.36	3.36	0.92	-29.09	-21.98	7.11	-26.43	1.42
North	0.66	3.70	3.04	1.97	0.71	-29.26	-18.99	10.27	-26.34	2.22
<b>Hoekwil</b>	<b>0.55</b>	<b>5.15</b>	<b>4.60</b>	<b>2.55</b>	<b>1.21</b>	<b>-29.82</b>	<b>-25.67</b>	<b>4.15</b>	<b>-28.13</b>	<b>0.93</b>
Oakhurst	2.24	5.15	2.91	3.34	0.72	-29.82	-27.54	2.28	-28.65	0.62
Woodville	0.55	4.29	3.74	1.75	1.08	-28.90	-25.67	3.23	-27.60	0.91
<b>Knysna</b>	<b>-0.02</b>	<b>3.12</b>	<b>3.14</b>	<b>1.58</b>	<b>0.69</b>	<b>-29.96</b>	<b>-24.24</b>	<b>5.72</b>	<b>-28.03</b>	<b>0.80</b>
Goudveld	0.62	3.12	2.50	1.65	0.70	-29.96	-24.24	5.72	-27.92	0.91
Diepwalle	-0.02	3.08	3.10	1.51	0.69	-29.72	-27.01	2.71	-28.14	0.67

**Table S2:** Isotopic niche size (area of polygon Fig. 2b) and the percentages of the isotopic niche polygon overlap (Fig. 2b) using KUD for each location for a confidence interval level of 95%. The returned area of overlap is divided by the area of the row polygons.

	Area	Overlap		
		Campus	Hoekwil	Knysna
<b>Hoekwil</b>	19.09	-	43.5%	27.8%
<b>Campus</b>	27.85	63.4%	-	38.7%
<b>Knysna</b>	8.91	86.9%	83.0%	-



**Fig. S1:** Kruskal-Wallis and Dunn post-hoc tests for (a) nitrogen and (b) carbon comparing the three locations (Campus, Hoekwil and Knysna), and for (c) nitrogen and (d) carbon comparing the six total subsites within the Campus (Main and North), Hoekwil (Oakhurst and Woodville) and Knysna (Goudveld and Diepwalle).