

**The first reported diet of the southern ravine salamander  
*Plethodon richmondi***

STACY J. GADD, JACOB M. HUTTON & STEVEN J. PRICE

**Table S1.** Prey groups found as stomach contents of *Plethodon richmondi* (n = 31) identified beyond the level of order and their importance ( $I_x$ ) and relative occurrence within each group, from southeastern Kentucky (USA) from March-April 2016 and 2017. Sums for each prey group are highlighted in grey.

Prey	Importance value ( $I_x$ )	Relative occurrence (%)	Prey	Importance value ( $I_x$ )	Relative occurrence (%)
<b>Formicidae</b>	<b>0.659</b>	<b>29.20</b>	<b>Coleoptera (Adult)</b>	<b>0.161</b>	<b>1.77</b>
<i>Pheidole sp</i>	0.300	15.27	Scarabaeidae		
<i>Cryptopone gilva</i>	0.082	3.10	Unknown Scarabaeidae	0.052	0.22
<i>Lasius sp</i>	0.070	6.86	Staphylinidae		
<i>Stigmatomma sp</i>	0.060	0.66	<i>Bisnius sp</i>	0.018	0.22
<i>Formica sp</i>	0.013	0.44	Unknown Staphylinidae	0.026	0.44
Unknown Formicidae	0.050	1.11	Carabidae		
<i>Camponotus sp</i>	0.029	0.22	Unknown Carabidae	0.027	0.22
<i>Aphaenogaster sp</i>	0.015	0.22	Curculionidae		
<i>Myrmecina americana</i>	0.013	0.44	<i>Chalcodermus sp</i>	0.024	0.22
<i>Pyramica sp</i>	0.025	0.88	Unknown Coleoptera	0.014	0.44
<b>Acari</b>	<b>0.514</b>	<b>28.76</b>	<b>Diptera (Larval)</b>	<b>0.103</b>	<b>1.99</b>
Galumnoidea	0.172	11.95	Stratiomyidae	0.026	0.22
Unknown Acari	0.148	7.96	Unknown Diptera	0.023	0.44
Mesostigmata	0.114	4.65	Scatopsidae	0.018	0.44
Ceratozetoidea	0.080	4.20	Chironomidae (Aquatic)	0.013	0.44
<b>Collembola</b>	<b>0.346</b>	<b>24.56</b>	Cecidomyiidae	0.012	0.22
Isotomidae	0.214	13.50	Mycetophilidae	0.012	0.22
Symphyleona	0.067	3.32	<b>Coleoptera (Larval)</b>	<b>0.088</b>	<b>1.33</b>
Hypogastruridae	0.065	7.74	Elateridae	0.051	0.44
<b>Araneae</b>	<b>0.178</b>	<b>3.54</b>	Unknown Coleoptera	0.024	0.66
Unknown Araneae	0.100	2.43	Scarabaeidae	0.013	0.22
Theridiidae	0.031	0.44	<b>Oligochaeta</b>	<b>0.057</b>	<b>0.44</b>
Gnaphosidae	0.031	0.44	Unknown Annelida	0.057	0.44
Thomisidae	0.016	0.22	<b>Diptera (Adult)</b>	<b>0.042</b>	<b>0.88</b>
<b>Gastropoda</b>	<b>0.170</b>	<b>4.20</b>	Unknown Diptera	0.030	0.66

Unknown				
Gastropoda	0.084	1.99	Mycetophilidae	0.012 0.22
Gastrodontidae			<b>Blattodea</b>	<b>0.041 2.21</b>
<i>Striatura meridionalis</i>	0.036	0.66	Rhinotermitidae	0.041 2.21
Punctidae			<b>Pseudoscorpiones</b>	<b>0.035 0.66</b>
<i>Punctum minutissimum</i>	0.015	0.88	Pseudoscorpiones	0.035 0.66
Ellobiidae			<b>Lepidoptera (Larval)</b>	<b>0.013 0.22</b>
<i>Carychium exile</i>	0.012	0.22	Unknown Lepidoptera	0.013 0.22
Zonitidae			<b>Hemiptera</b>	<b>0.011 0.22</b>
<i>Glyphyalinia indentata</i>	0.012	0.22	Aphididae	0.011 0.22
Euconulidae				
<i>Guppya sterkii</i>	0.012	0.22		