

1 **DIGITAL APPENDIX**
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5 Digital Figure 1: world distribution of velvet worms (Onychophora) that have been documented to occur
6 in urban areas.
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DIGITAL TABLE 1
Onychophoran species with collection records from urban or suburban areas.

Species*	Urban or suburban habitat where collected	Reference
<i>Macroperipatus acacioi</i>	City of Ouro Preto, Brazil	Oliveira et al., 2012
<i>Peripatus</i> sp2	Porto Nacional, Luzimangue, Tocantins, Brazil	Sampaio-Costa, 2009
<i>Peripatus</i> sp3	Conceicao do Araguaia, Tocantins, Brazil	Sampaio-Costa, 2009
<i>Macroperipatus ohausi</i>	Petropolis, RJ, Brazil	Sampaio-Costa, 2009
<i>Oroperipatus eisenni</i>	Outskirts of Tepic, Nayarit, Mexico	Sampaio-Costa, 2009
<i>Dunedin peripatus</i>	Dunedin, New Zealand,	Barret et al., 2016; Monge-Nájera, & Morera-Brenes, 2015
<i>Chiapas onychophoran</i>	University campus, Chiapas, Mexico	Toledo- Matus, et al., 2018
<i>Monterrey onychophoran</i>	Monterrey, Nuevo León, Mexico	Monge-Nájera, 2018
<i>Oroperipatus eisenni</i>	Puerto Vallarta, Jalisco	Cupul-Magaña et al., 2008
<i>Epiperipatus barbadensis</i>	Campus of Codrington College, Barbados Island	Oliveira et al., 2012
<i>Peripatus sedgwicki</i>	Ciudad La Guaira, Venezuela	Oliveira et al., 2012
<i>Epiperipatus biolleyi</i>	San Juan Pueblo, Honduras	Oliveira et al., 2012
<i>Epiperipatus brasiliensis vagans</i>	Las Cascadas, Fort Sherman, Panama	Oliveira et al., 2012
<i>Epiperipatus imthurmi</i>	Paramaribo, Surinam	Oliveira et al., 2012
<i>Epiperipatus tr. trinidadensis</i>	Port of Spain, Trinidad	Oliveira et al., 2012
<i>Macroperipatus torquatus</i>	Port of Spain, Trinidad	Oliveira et al., 2012
<i>Oroperipatus eisenni</i>	El Cermeño, Ciudad Panama	Peck, 1975
<i>Epiperipatus isthmicola</i>	Costa Rica: Cristo Rey y Vasconia, San José; and Santo Domingo, Heredia	Barquero et al., 2016

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DIGITAL TABLE 2

Green cover in urban areas with extant populations of onychophorans. Green cover calculated as percent of area covered by vegetation of any kind in a 500m radius.

Place	Coordinates	Green cover (%)
Santo Domingo de Heredia, Costa Rica	9°59'22" N - 84°5'28" W	38
Barrio Vazconia, San José, Costa Rica	9°55'17.81" N - 84°4'18.04" W	8
Barrio Cristo Rey, San José, Costa Rica	9°55'29.90" N - 84°5'5.03" W	14
Chiapas, México	16°46'31.2"N - 93°07'21.6"W	18
Monterrey, México	25°38'22" N - 100°12'20" W	26
Town Belt, Dunedin, New Zealand	45°53'12"S - 170°29'37"E	72
Fraser Gully, Dunedin, New Zealand	45°51'44"S - 170°27'39"E	66
Ross plantation, Dunedin, New Zealand	45°50'39"S - 170°29'33"E	96

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