

APPENDIX

TABLE 1
List of Costa Rican onychophoran species according to their distribution in relation with protected areas (inside, outside, or both)

Onychophoran species that have not been found inside protected areas	
Code	Scientific or "common" name
Es01	<i>Epiperipatus isthmicola</i>
Es02	<i>Peripatus ruber</i>
Sp002	Agujas Plum Blue Onychophoran
Sp003	Agujas Purple Brown Onychophoran
Sp010	Pejibaye Mauve Onychophoran
Sp011	Quesada Burgundy Brown Onychophoran
Sp013	Tausito Light Orange Onychophoran
Sp014	Volio Light Raspberry Onychophoran
Sp019	Biolley Collared Raspberry Onychophoran
Sp020	Fortuna Burgundy Brown Onychophoran
Sp021	Batán Burgundy Brown Onychophoran
Sp022	San Vito Collared Onychophoran

Species with known populations both inside and outside protected areas:			
Code	Nombre	Proteccion Category	Locality name
Es03	<i>Macroperipatus valerioi</i>	Reserva Forestal	Los Santos
Es05	<i>Epiperipatus hilkae</i>	Parque Nacional	Barra Honda
Es06	<i>Peripatus solorzanoi</i>	Zona Protegida	Cuenca del Rio Siquirres
Es06	<i>Peripatus solorzanoi</i>	Reserva Forestal	Río Pacuare
Es07	<i>Epiperipatus biolleyi</i>	Reserva Forestal	Cord.Volc. Central
Sp016	Sarapiquí Yellow Brown Onychophoran	Zona Protegida	La Selva
Sp017	Tapantí Red Onychophoran	Zona Protegida	Río Navarro-Crío Sombrero

Species that have only been reported from inside protected areas:			
Code	Nombre	Proteccion Category	Locality name
Es03	<i>Macroperipatus valerioi</i>	Reserva Forestal	Los Santos
Es04	<i>Principapillatus hitoyensis</i>	Reserva Biológica	Hitoy Cerere
Sp001	Piro Orange Ruby Onychophoran	Reserva Vida Silvestre	Osa
Sp005	Corcovado Cinnamon Onychophoran	Reserva Forestal	Golfo Dulce
Sp006	Osa Burgundy Onychophoran	Reserva Forestal	Golfo Dulce
Sp007	Manzanillo Gray Burgundy Onychophoran	Reserva Vida Silvestre	Gandoca-Manzanillo
Sp008	Guayacán Diamond Light Brown Onychophoran	Zona Protegida	Cuenca del Rio Siquirres
Sp008	Guayacán Diamond Light Brown Onychophoran	Reserva Forestal	Rio Pacuare
Sp009	Limón Pink Brown Onychophoran	Reserva Vida Silvestre	Limoncito
Sp012	Cahuita Salmon Onychophoran	Parque Nacional	Cahuita
Sp015	Gandoca Blue Onychophoran	Reserva Vida Silvestre	Gandoca-Manzanillo
Sp018	Guayacán Rusty Brown Onychophoran	Zona Protegida	Cuenca del Rio Siquirres

TABLE 2
Detailed collecting localities

Species	Locality (geographic coordinates)
Piro Orange Ruby Onychophoran	8°24'16.16"N, 83°20'16.011"W
Agujas Plum Blue Onychophoran	8°41'35"N, 83°40'28"W
Agujas Plum Blue Onychophoran	8°41'37"N, 83°40'27"W
Agujas Plum Blue Onychophoran	8°41'38"N, 83°40'26"W
Agujas Plum Blue Onychophoran	8°41'39.20"N, 83°40'27.16"W
Agujas Plum Blue Onychophoran	8°41'40.30"N, 83°40'28.0"W
Agujas Plum Blue Onychophoran	8°41'39.51"N, 83°40'29.44"W
Agujas Plum Blue Onychophoran	8°41'39.33"N, 83°40'29.81"W
Agujas Plum Blue Onychophoran	8°41'41.64"N, 83°40'31.44"W
Agujas Purple Brown Onychophoran	8°41'32"N, 83°40'37"W
Agujas Purple Brown Onychophoran	8°41'34"N, 83°40'35"W
Agujas Purple Brown Onychophoran	8°41'35"N, 83°40'28"W
Corcovado Cinnamon Onychophoran	08°37'47.438"N, 83°43'23.138"W
Osa Burgundy Onychophoran	8°33'31.072"N, 83°28'0.998"W
Manzanillo Gray Burgundy Onychophoran	9°37'42.719"N, 82°39'33.699"W
Guayacán Diamond Light Brown Onychophoran	10°03'22.09"N, 83°32'49.79"W
Guayacán Diamond Light Brown Onychophoran	10°02'03.9"N, 83°31'14.5"W
Limón Pink Brown Onychophoran	09°57'43.34"N, 83°3'8.161"W
Pejibaye Mauve Onychophoran	09°48'49.73"N, 83°42'51.49"W
Quesada Burgundy Brown Onychophoran	10°21'48.69"N, 84°25'55.59"W
Quesada Burgundy Brown Onychophoran	10°21'22.4"N, 84°27'04.7"W
Cahuita Salmon Onychophoran	09°43'42.251"N, 82°49'29.279"W
Tausito Light Orange Onychophoran	09°46'46.69"N, 83°46'33.819"W
Volio Light Raspberry Onychophoran	09°37'41.12"N, 82°52'17.281"W
Gandoca Blue Onychophoran	09°36'44.482"N, 82°40'50.689"W
Sarapiquí Yellow Brown Onychophoran	10°25'7.799"N, 84°1'46.25"W
Sarapiquí Yellow Brown Onychophoran	10°25'17.252"N, 84°0'29.862"W
Sarapiquí Yellow Brown Onychophoran	10°25'52.842"N, 84°00'35.708"W
Sarapiquí Yellow Brown Onychophoran	10°24'16.68"N, 84°3'22.87"W
Sarapiquí Yellow Brown Onychophoran	10°17'53.2"N, 84°01'06.3"W
Tapantí Red Onychophoran	9°46'52.349"N, 83°48'42.17"W
Tapantí Red Onychophoran	9°46'10.85"N, 83°58'0.57"W
Tapantí Red Onychophoran	9°46'39.22"N, 83°57'39.98"W
Guayacán Rusty Brown Onychophoran	10°3'34.43"N, 83°32'56.889"W
Guayacán Rusty Brown Onychophoran	10°2'44.17"N, 83°32'36.42"W
Biolley Collared Raspberry Onychophoran	8°59'56.84"N, 83°2'45.56"W
Biolley Collared Raspberry Onychophoran	9°1'45.11"N, 83°3'2.32"W
Fortuna Burgundy Brown Onychophoran	10°29'4"N, 84°45'23.0"W
Fortuna Burgundy Brown Onychophoran	10°29'1"N, 84°45'26.0"W
Fortuna Burgundy Brown Onychophoran	10°29'2"N, 84°45'25.0"W
Batán Burgundy Brown Onychophoran	10°00'21.8"N, 83°22'31.28"W
Batán Burgundy Brown Onychophoran	10°00'12.21"N, 83°22'56.06"W
San Vito Collared Onychophoran	8°47'6.66"N, 82°57'36.84"W
San Vito Collared Onychophoran	8°47'3.00"N, 82°57'43.22"W
San Vito Collared Onychophoran	8°48'39.01"N, 82°57'39.51"W
San Vito Collared Onychophoran	8°47'34.001"N, 82°57'26.989"W

CUADRO 2 (Continuación) / TABLE 2 (Continued)

Species	Locality (geographic coordinates)
<i>Epiperipatus isthmicola</i>	9°55'29.90"N, 84° 5'5.03"W
<i>Epiperipatus isthmicola</i>	9°55'17.81"N, 84° 4'18.04"W
<i>Epiperipatus isthmicola</i>	9°55'16.09"N, 84° 8'13.47"W
<i>Epiperipatus isthmicola</i>	9°53'53.98"N, 84° 7'47.99"W
<i>Peripatus ruber</i>	9°57'38.89"N, 83°57'3.11"W
<i>Peripatus ruber</i>	9°58'6.95"N, 83°56'41.57"W
<i>Peripatus ruber</i>	9°57'47.20"N, 83°56'33.14"W
<i>Peripatus ruber</i>	9°57'48.79"N, 83°56'30.95"W
<i>Peripatus ruber</i>	9°58'47.56"N, 83°58'3.54"W
<i>Macroperipatus valerioi</i>	9°33'20.88"N, 84°11'30.83"W
<i>Macroperipatus valerioi</i>	9°29'1.50"N, 83°56'22.416"W
<i>Macroperipatus valerioi</i>	9°29'18.708"N, 83°57'24.372"W
<i>Principapillatus hitoyensis</i>	9°40'23.16"N, 83°1'27.479"W
<i>Principapillatus hitoyensis</i>	09°40'21.56"N, 83°02'36.97"W
<i>Epiperipatus hilkae</i>	10°11'6.99"N, 85°20'22.02"W
<i>Epiperipatus hilkae</i>	9°46'55.90"N, 84°55'57.70"W
<i>Epiperipatus hilkae</i>	9°41'10.757"N, 85°7'21.79"W
<i>Epiperipatus hilkae</i>	9°39'31.71"N, 85° 4'12.23"W
<i>Peripatus solorzanoi</i>	10°02'51.4"N, 83°32'13.7"W
<i>Peripatus solorzanoi</i>	10°02'52.123"N, 83°32'14.614"W
<i>Peripatus solorzanoi</i>	10°03'07.1"N, 83°32'41.8"W
<i>Peripatus solorzanoi</i>	10°3'6.541"N, 83°31'41.469"W
<i>Peripatus solorzanoi</i>	10°3'7.218"N, 83°31'32.592"W
<i>Peripatus solorzanoi</i>	10°3'33.887"N, 83°30'4.568"W
<i>Peripatus solorzanoi</i>	10°3'11.124"N, 83°29'42.701"W
<i>Peripatus solorzanoi</i>	10°2'54.496"N, 83°31'25.147"W
<i>Peripatus solorzanoi</i>	10°01'02.9"N, 83°33'28.2"W
<i>Peripatus solorzanoi</i>	10°1'57.508"N, 83°34'26.151"W
<i>Peripatus solorzanoi</i>	9°55'10.96"N, 83°32'43.89"W
<i>Peripatus solorzanoi</i>	9°59'29.77"N, 83°8'10.00"W
<i>Peripatus solorzanoi</i>	9°55'43.80"N, 83°11'21.82"W
<i>Epiperipatus biolleyi</i>	10°2'44.39"N, 83°59'11.74"W
<i>Epiperipatus biolleyi</i>	10°0'39.50"N, 83°57'12.46"W
<i>Epiperipatus biolleyi</i>	10°01'27.62"N, 83°56'30.26"W
<i>Epiperipatus biolleyi</i>	9°59'30.20"N, 83°57'9.67"W