

Supplemental Data. Specimens, collection localities, and GenBank numbers included in this study. NA indicates not available.

Specimen	Collection locality	Coordinates	Collection altitude (m)	Specimen number	COI GenBank	ND1 GenBank
<i>Sphaeroderus lecontei</i>	MA: Worcester Co. Wachusett Reservior	42.4048 °N 71.6849 °W	120	001	JN639333	JN641890
<i>Scaphinotus crenatus</i>	CA: Kern Co., Silvia Rd.	37.496 °N 109.889 °W	NA	002	JN639334	JN641891
<i>Scaphinotus sp.</i>	CA: Kern Co. Hwy 49A	37.380 °N 109.731 °W	NA	030	JN639335	JN641892
<i>S. petersi grahami</i>	AZ:Graham Co., Pinaleño Mts., Columbine Corral Camp/Ash Creek	32.7065°N 109.9131°W	2904	040	JN639336	JN641893
<i>S. petersi grahami</i>	AZ:Graham Co., Pinaleño Mts., Ladybug Trail	32.6589°N 109.8540°W	2716	041	JN639337	JN641894
<i>S. petersi grahami</i>	AZ:Graham Co., Pinaleño Mts., Columbine Corral Camp/Ash Creek	32.7065°N 109.9131°W	2904	075	JN639369	JN641926
<i>S. petersi grahami</i>	AZ:Graham Co., Pinaleño Mts., Columbine Corral Camp/Ash Creek	32.7065°N 109.9131°W	2904	076	JN639370	JN641927
<i>S. petersi grahami</i>	AZ:Graham Co., Pinaleño Mts., Columbine Corral Camp/Ash Creek	32.7065°N 109.9131°W	2904	077	JN639371	JN641928
<i>S. petersi grahami</i>	AZ:Graham Co., Pinaleño Mts., Columbine Corral Camp/Ash Creek	32.7065°N 109.9131°W	2904	078	JN639372	JN641929
<i>S. petersi grahami</i>	AZ:Graham Co., Pinaleño Mts., Columbine Corral Camp/Ash Creek	32.7065°N 109.9131°W	2904	079	JN639373	JN641930
<i>S. petersi biedermani</i>	AZ: Pima Co., Rincon Mts., Manning Camp	32.180 °N 110.8°W	2438	140	NA	JN641940
<i>S. petersi biedermani</i>	AZ: Cochise Co., Huachuca Mts., Carr Canyon Trail	31.4272°N 110.3069°W	2186	044	JN639340	JN641897
<i>S. petersi biedermani</i>	AZ: Cochise Co., Huachuca Mts., Carr Canyon Trail	31.4272°N 110.3069°W	2186	045	JN639341	JN641898
<i>S. petersi biedermani</i>	AZ: Cochise Co., Huachuca Mts., Carr Canyon Trail	31.4272°N 110.3069°W	2186	046	JN639342	JN641899

<i>S. petersi biedermani</i>	AZ: Cochise Co., Huachuca Mts., Carr Canyon Trail	31.4272°N 110.3069°W	2186	047	JN639343	JN641900
<i>S. petersi biedermani</i>	AZ: Cochise Co., Huachuca Mts., Carr Canyon Trail	31.4272°N 110.3069°W	2186	048	JN639344	JN641901
<i>S. petersi biedermani</i>	AZ: Cochise Co., Huachuca Mts., Carr Canyon Trail	31.4272°N 110.3069°W	2186	049	JN639345	JN641902
<i>S. petersi biedermani</i>	AZ: Cochise Co., Huachuca Mts., Carr Canyon Trail	31.4272°N 110.3069°W	2186	050	JN639346	JN641903
<i>S. petersi biedermani</i>	AZ: Cochise Co., Huachuca Mts., Carr Canyon Trail	31.4272°N 110.3069°W	2186	051	JN639347	JN641904
<i>S. petersi biedermani</i>	AZ: Cochise Co., Huachuca Mts., Carr Canyon Trail	31.4272°N 110.3069°W	2186	052	JN639348	JN641947
<i>S. petersi biedermani</i>	AZ: Cochise Co., Huachuca Mts., Carr Canyon Trail	31.4272°N 110.3069°W	2186	073	JN639367	JN641924
<i>S. petersi biedermani</i>	AZ: Cochise Co., Huachuca Mts., Carr Canyon Trail	31.4272°N 110.3069°W	2186	074	JN639368	JN641925
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Marshall Gulch	32.4279°N 110.7052°W	2432	042	JN639338	JN641895
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Marshall Gulch	32.4279°N 110.7052°W	2432	043	JN639339	JN641896
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	053	JN639348	JN641905
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	054	JN639349	JN641906
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	055	JN639350	JN641907
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	056	JN639351	JN641908
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	058	JN639352	JN641909
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	059	JN639353	JN641910

<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	060	JN639354	JN641911
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	061	JN639355	JN641912
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	062	JN639356	JN641913
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	063	JN639357	JN641914
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	064	JN639358	JN641915
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	065	JN639359	JN641916
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	066	JN639360	JN641917
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	067	JN639361	JN641918
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	068	JN639362	JN641919
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	069	JN639363	JN641920
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	070	JN639364	JN641921
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	071	JN639365	JN641922
<i>S. petersi catalinae</i>	AZ: Pima Co., Santa Catalina Mts., Ski Valley	32.4507°N 110.7789°W	2499	072	JN639366	JN641923
<i>S. petersi petersi</i>	AZ: Gila Co., Pinal Mts., Icehouse Canyon FTrail 198	33.2925°N 110.8311°W	2302	081	JN639375	JN641932
<i>S. petersi petersi</i>	AZ: Gila Co., Pinal Mts., Icehouse Canyon FTrail 198	33.2925°N 110.8311°W	2302	082	JN639376	JN641933
<i>S. petersi petersi</i>	AZ: Gila Co., Pinal Mts., Icehouse Canyon FTrail 198	33.2925°N 110.8311°W	2302	083	JN639377	JN641934

<i>S. petersi petersi</i>	AZ: Gila Co., Pinal Mts., Icehouse Canyon FTrail 198	33.2925°N 110.8311°W	2302	084	JN639378	JN641935
<i>S. petersi petersi</i>	AZ: Gila Co., Pinal Mts., Icehouse Canyon FTrail 198	33.2925°N 110.8311°W	2302	085	JN639379	JN641936
<i>S. petersi petersi</i>	AZ: Gila Co., Pinal Mts., Icehouse Canyon FTrail 198	33.2925°N 110.8311°W	2302	086	JN639333	JN641890
<i>S. petersi corvus</i>	AZ: Graham Co. Chiricahua Mts., Rustlers Park	31.9056°N 109.2792°W	2591	137	NA	JN641937
<i>S. petersi corvus</i>	AZ: Graham Co. Chiricahua Mts., Rustlers Park	31.9056°N 109.2792°W	2591	138	NA	JN641938
<i>S. petersi corvus</i>	AZ: Graham Co. Chiricahua Mts., Rustlers Park	31.9056°N 109.2792°W	2591	139	NA	JN641939
<i>S. petersi corvus</i>	AZ: Graham Co. Chiricahua Mts., Rustlers Park	31.9056°N 109.2792°W	2591	153	NA	JN641944
<i>S. petersi corvus</i>	AZ: Graham Co. Chiricahua Mts., Rustlers Park	31.9056°N 109.2792°W	2591	154	NA	JN641945
<i>S. petersi kathleenae</i>	AZ: Santa Cruz Co. Santa Rita Mts., Mt Hopkins	31.6856°N 110.8847°W	2840	141	NA	JN641941
<i>S. petersi kathleenae</i>	AZ: Santa Cruz Co. Santa Rita Mts., Mt Hopkins	31.6856°N 110.8847°W	2840	142	NA	JN641942
<i>S. petersi kathleenae</i>	AZ: Santa Cruz Co. Santa Rita Mts., Mt Hopkins	31.6856°N 110.8847°W	2840	152	NA	JN641943