

APPENDIX E

County-Level Distribution of Potential Habitats for Covered Species

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Plan Area County Name	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
	<i>Texas A&M Institute of Renewable Natural Resources (TAMU IRNR) Habitat Model (Morrison et al. 2010).</i>	<i>Winter habitat (land covers not including urban, woodland, forest, shrubland, or open water) within the Mid-coast Barrier Islands and Coastal Marshes Level IV Ecoregion between Aransas Pass and the Colorado River.</i>	<i>Texas Ecological Systems Database (TXESD) vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>TXESD vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>2011 NLCD Land Cover class for Evergreen Forest within range of the species.</i>	<i>Estimated from Texas Ecological Systems Database (TXESD) vegetation classes that include a thornscrub component and that have at least 50% canopy cover, as estimated by the 2011 National Land Cover Dataset canopy cover layer.</i>	<i>Estimated from habitat model maps in Pierre et al. (2017) for high and low suitability of potential habitat within the current known range of the species.</i>	<i>Estimated from simple habitat model in Buzo (2008) for High and Medium Likelihood classes.</i>	<i>Estimated by applying a 984-foot zone around all known localities described by Devitt and Nissen (2018) as pertaining to the Barton Springs salamander.</i>	<i>Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).</i>
Anderson	0	0	0	0	0	0	0	0	0	0
Andrews	0	0	0	0	0	0	0	0	0	0
Angelina	0	0	0	0	141,219	0	0	0	0	0
Aransas	0	94,356	7,927	7,927	0	0	0	0	0	0
Archer	0	0	0	0	0	0	0	0	0	0
Armstrong	0	0	0	0	0	0	0	0	0	0
Atascosa	0	0	0	0	0	0	0	0	0	0
Austin	0	0	0	0	0	0	0	50,595	0	0
Bandera	230,467	0	0	0	0	0	0	0	0	0
Bastrop	0	0	0	0	0	0	0	211,842	0	0
Baylor	0	0	0	0	0	0	0	0	0	0
Bee	0	0	0	0	0	0	0	0	0	0
Bell	95,662	0	0	0	0	0	0	0	0	0
Bexar	97,481	0	0	0	0	0	0	0	0	0
Blanco	123,033	0	0	0	0	0	0	0	0	0
Borden	0	0	0	0	0	0	0	0	0	0
Bosque	133,592	0	0	0	0	0	0	0	0	0
Bowie	0	0	0	0	0	0	0	0	0	0
Brazoria	0	0	974	974	0	0	0	0	0	0
Brazos	0	0	0	0	0	0	0	0	0	0
Brewster	0	0	0	0	0	0	0	0	0	0
Briscoe	0	0	0	0	0	0	0	0	0	0
Brooks	0	0	0	0	0	0	0	0	0	0
Brown	0	0	0	0	0	0	0	0	0	0
Burleson	0	0	0	0	0	0	0	73,650	0	0
Burnet	228,773	0	0	0	0	0	0	0	0	0
Caldwell	0	0	0	0	0	0	0	0	0	0
Calhoun	0	146,125	1,732	1,732	0	0	0	0	0	0
Callahan	0	0	0	0	0	0	0	0	0	0
Cameron	0	0	48,078	48,078	0	26,096	0	0	0	0
Camp	0	0	0	0	0	0	0	0	0	0
Carson	0	0	0	0	0	0	0	0	0	0
Castro	0	0	0	0	0	0	0	0	0	0
Chambers	0	0	34	34	0	0	0	0	0	0
Cherokee	0	0	0	0	140,303	0	0	0	0	0
Childress	0	0	0	0	0	0	0	0	0	0
Clay	0	0	0	0	0	0	0	0	0	0
Coke	0	0	0	0	0	0	403,093	0	0	0
Coleman	0	0	0	0	0	0	0	0	0	0
Collin	0	0	0	0	0	0	0	0	0	0
Collingsworth	0	0	0	0	0	0	0	0	0	0
Colorado	0	0	0	0	0	0	0	112,128	0	0
Comal	154,254	0	0	0	0	0	0	0	0	0
Comanche	60	0	0	0	0	0	0	0	0	0
Concho	0	0	0	0	0	0	354,207	0	0	0
Cooke	0	0	0	0	0	0	0	0	0	0

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Coryell	140,691	0	0	0	0	0	0	0	0	0
Cottle	0	0	0	0	0	0	0	0	0	0
Crane	0	0	0	0	0	0	0	0	0	0
Crockett	0	0	0	0	0	0	810,157	0	0	0
Crosby	0	0	0	0	0	0	0	0	0	0
Culberson	0	0	0	0	0	0	0	0	0	0
Dallas	0	0	0	0	0	0	0	0	0	0
Dawson	0	0	0	0	0	0	0	0	0	0
De Witt	0	0	0	0	0	0	0	0	0	0
Deaf Smith	0	0	0	0	0	0	0	0	0	0
Delta	0	0	0	0	0	0	0	0	0	0
Denton	0	0	0	0	0	0	0	0	0	0
Dickens	0	0	0	0	0	0	0	0	0	0
Dimmit	0	0	0	0	0	0	0	0	0	0
Donley	0	0	0	0	0	0	0	0	0	0
Duval	0	0	0	0	0	0	0	0	0	0
Eastland	45,289	0	0	0	0	0	0	0	0	0
Ector	0	0	0	0	0	0	0	0	0	0
Edwards	248,995	0	0	0	0	0	591,987	0	0	0
Ellis	0	0	0	0	0	0	0	0	0	0
Erath	117,839	0	0	0	0	0	0	0	0	0
Falls	0	0	0	0	0	0	0	0	0	0
Fannin	0	0	0	0	0	0	0	0	0	0
Fayette	0	0	0	0	0	0	0	0	0	0
Fisher	0	0	0	0	0	0	0	0	0	0
Floyd	0	0	0	0	0	0	0	0	0	0
Foard	0	0	0	0	0	0	0	0	0	0
Fort Bend	0	0	0	0	0	0	0	0	0	0
Franklin	0	0	0	0	0	0	0	0	0	0
Freestone	0	0	0	0	0	0	0	0	0	0
Frio	0	0	0	0	0	0	0	0	0	0
Gaines	0	0	0	0	0	0	0	0	0	0
Galveston	0	0	1,605	1,605	0	0	0	0	0	0
Garza	0	0	0	0	0	0	0	0	0	0
Gillespie	155,899	0	0	0	0	0	0	0	0	0
Glasscock	0	0	0	0	0	0	350,545	0	0	0
Goliad	0	0	0	0	0	0	0	0	0	0
Gonzales	0	0	0	0	0	0	0	0	0	0
Gray	0	0	0	0	0	0	0	0	0	0
Grayson	0	0	0	0	0	0	0	0	0	0
Gregg	0	0	0	0	0	0	0	0	0	0
Grimes	0	0	0	0	0	0	0	0	0	0
Guadalupe	0	0	0	0	0	0	0	0	0	0
Hale	0	0	0	0	0	0	0	0	0	0
Hall	0	0	0	0	0	0	0	0	0	0
Hamilton	68,044	0	0	0	0	0	0	0	0	0

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Hansford	0	0	0	0	0	0	0	0	0	0
Hardeman	0	0	0	0	0	0	0	0	0	0
Harris	0	0	0	0	0	0	0	0	0	0
Harrison	0	0	0	0	0	0	0	0	0	0
Hartley	0	0	0	0	0	0	0	0	0	0
Haskell	0	0	0	0	0	0	0	0	0	0
Hays	161,342	0	0	0	0	0	0	0	558	0
Hemphill	0	0	0	0	0	0	0	0	0	0
Henderson	0	0	0	0	0	0	0	0	0	0
Hidalgo	0	0	0	0	0	0	0	0	0	0
Hill	15,579	0	0	0	0	0	0	0	0	0
Hood	42,656	0	0	0	0	0	0	0	0	0
Hopkins	0	0	0	0	0	0	0	0	0	0
Houston	0	0	0	0	192,220	0	0	0	0	0
Howard	0	0	0	0	0	0	0	0	0	0
Hudspeth	0	0	0	0	0	0	0	0	0	0
Hunt	0	0	0	0	0	0	0	0	0	0
Hutchinson	0	0	0	0	0	0	0	0	0	0
Irion	0	0	0	0	0	0	299,446	0	0	0
Jack	11	0	0	0	0	0	0	0	0	0
Jackson	0	24,092	0	0	0	0	0	0	0	0
Jasper	0	0	0	0	179,833	0	0	0	0	0
Jeff Davis	0	0	0	0	0	0	0	0	0	0
Jefferson	0	0	645	645	0	0	0	0	0	0
Jim Hogg	0	0	0	0	0	0	0	0	0	0
Jim Wells	0	0	0	0	0	0	124,786	0	0	0
Johnson	19,208	0	0	0	0	0	0	0	0	0
Jones	0	0	0	0	0	0	0	0	0	0
Karnes	0	0	0	0	0	0	0	0	0	0
Kaufman	0	0	0	0	0	0	0	0	0	0
Kendall	134,172	0	0	0	0	0	0	0	0	0
Kenedy	0	0	129,875	129,875	0	26,096	0	0	0	0
Kent	0	0	0	0	0	0	0	0	0	0
Kerr	248,172	0	0	0	0	0	355,049	0	0	0
Kimble	183,174	0	0	0	0	0	0	0	0	0
King	0	0	0	0	0	0	0	0	0	0
Kinney	40,923	0	0	0	0	0	526,278	0	0	0
Kleberg	0	0	7,223	7,223	0	0	0	0	0	0
Knox	0	0	0	0	0	0	0	0	0	0
La Salle	0	0	0	0	0	0	0	0	0	0
Lamar	0	0	0	0	0	0	0	0	0	0
Lamb	0	0	0	0	0	0	0	0	0	0
Lampasas	93,149	0	0	0	0	0	0	0	0	0
Lavaca	0	0	0	0	0	0	0	186,213	0	0
Lee	0	0	0	0	0	0	0	133,513	0	0
Leon	0	0	0	0	0	0	0	110,419	0	0

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Liberty	0	0	0	0	58,777	0	0	0	0	0
Limestone	0	0	0	0	0	0	0	0	0	0
Lipscomb	0	0	0	0	0	0	0	0	0	0
Live Oak	0	0	0	0	0	0	0	0	0	0
Llano	103,641	0	0	0	0	0	0	0	0	0
Loving	0	0	0	0	0	0	0	0	0	0
Lubbock	0	0	0	0	0	0	0	0	0	0
Lynn	0	0	0	0	0	0	0	0	0	0
Madison	0	0	0	0	0	0	0	0	0	0
Martin	0	0	0	0	0	0	0	0	0	0
Mason	91,991	0	0	0	0	0	541,795	0	0	0
Matagorda	0	59,034	2,302	2,302	0	0	0	0	0	0
Maverick	0	0	0	0	0	0	681,942	0	0	0
Mcculloch	24	0	0	0	0	0	491,634	0	0	0
Mclennan	19,497	0	0	0	0	0	0	0	0	0
Mcmullen	0	0	0	0	0	0	0	0	0	0
Medina	123,006	0	0	0	0	0	0	0	0	0
Menard	18,938	0	0	0	0	0	0	0	0	0
Midland	0	0	0	0	0	0	0	0	0	0
Milam	0	0	0	0	0	0	0	182,790	0	0
Mills	18	0	0	0	0	0	0	0	0	0
Mitchell	0	0	0	0	0	0	0	0	0	0
Montague	0	0	0	0	0	0	0	0	0	0
Montgomery	0	0	0	0	130,577	0	0	0	0	0
Moore	0	0	0	0	0	0	0	0	0	0
Morris	0	0	0	0	0	0	0	0	0	0
Motley	0	0	0	0	0	0	0	0	0	0
Nacogdoches	0	0	0	0	142,600	0	0	0	0	0
Navarro	0	0	0	0	0	0	0	0	0	0
Nolan	0	0	0	0	0	0	0	0	0	0
Nueces	0	3,161	3,972	3,972	0	0	307,231	0	0	0
Ochiltree	0	0	0	0	0	0	0	0	0	0
Oldham	0	0	0	0	0	0	0	0	0	0
Palo Pinto	177,927	0	0	0	0	0	0	0	0	0
Panola	0	0	0	0	0	0	0	0	0	0
Parker	0	0	0	0	0	0	0	0	0	0
Parmer	0	0	0	0	0	0	0	0	0	0
Pecos	0	0	0	0	0	0	0	0	0	0
Polk	0	0	0	0	226,054	0	0	0	0	0
Potter	0	0	0	0	0	0	0	0	0	0
Presidio	0	0	0	0	0	0	0	0	0	0
Rains	0	0	0	0	0	0	0	0	0	0
Randall	0	0	0	0	0	0	0	0	0	0
Reagan	0	0	0	0	0	0	413,491	0	0	0
Real	220,281	0	0	0	0	0	310,826	0	0	0
Red River	0	0	0	0	0	0	0	0	0	0

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Reeves	0	0	0	0	0	0	0	0	0	0
Refugio	0	27,640	0	0	0	0	0	0	0	0
Roberts	0	0	0	0	0	0	0	0	0	0
Robertson	0	0	0	0	0	0	0	177,129	0	0
Rockwall	0	0	0	0	0	0	0	0	0	0
Runnels	0	0	0	0	0	0	386,967	0	0	0
Rusk	0	0	0	0	0	0	0	0	0	0
San Augustine	0	0	0	0	126,723	0	0	0	0	0
San Jacinto	0	0	0	0	116,479	0	0	0	0	0
San Patricio	0	9,826	89	89	0	0	0	0	0	0
San Saba	127,069	0	0	0	0	0	0	0	0	0
Schleicher	2	0	0	0	0	0	482,536	0	0	0
Scurry	0	0	0	0	0	0	0	0	0	0
Shackelford	0	0	0	0	0	0	0	0	0	0
Shelby	0	0	0	0	136,034	0	0	0	0	0
Smith	0	0	0	0	0	0	0	0	0	0
Somervell	38,992	0	0	0	0	0	0	0	0	0
Starr	0	0	0	0	0	0	0	0	0	0
Stephens	57,884	0	0	0	0	0	0	0	0	0
Sterling	0	0	0	0	0	0	225,435	0	0	0
Stonewall	0	0	0	0	0	0	0	0	0	0
Sutton	20	0	0	0	0	0	407,509	0	0	0
Swisher	0	0	0	0	0	0	0	0	0	0
Tarrant	0	0	0	0	0	0	0	0	0	0
Taylor	0	0	0	0	0	0	0	0	0	0
Terrell	0	0	0	0	0	0	0	0	0	0
Terry	0	0	0	0	0	0	0	0	0	0
Throckmorton	0	0	0	0	0	0	0	0	0	0
Titus	0	0	0	0	0	0	0	0	0	0
Tom Green	0	0	0	0	0	0	523,235	0	0	0
Travis	150,610	0	0	0	0	0	0	0	419	0
Trinity	0	0	0	0	187,787	0	0	0	0	0
Tyler	0	0	0	0	183,477	0	0	0	0	0
Upshur	0	0	0	0	0	0	0	0	0	0
Upton	0	0	0	0	0	0	0	0	0	0
Uvalde	156,699	0	0	0	0	0	0	0	0	0
Val Verde	7	0	0	0	0	0	932,813	0	0	0
Van Zandt	0	0	0	0	0	0	0	0	0	0
Victoria	0	9,572	0	0	0	0	0	0	0	0
Walker	0	0	0	0	168,939	0	0	0	0	0
Waller	0	0	0	0	0	0	0	0	0	0
Ward	0	0	0	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0	0	0
Webb	0	0	0	0	0	0	0	0	0	0
Wharton	0	0	0	0	0	0	0	0	0	0
Wheeler	0	0	0	0	0	0	0	0	0	0

Plan Area County Name	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
	<i>Texas A&M Institute of Renewable Natural Resources (TAMU IRNR) Habitat Model (Morrison et al. 2010).</i>	<i>Winter habitat (land covers not including urban, woodland, forest, shrubland, or open water) within the Mid-coast Barrier Islands and Coastal Marshes Level IV Ecoregion between Aransas Pass and the Colorado River.</i>	<i>Texas Ecological Systems Database (TXESD) vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>TXESD vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>2011 NLCD Land Cover class for Evergreen Forest within range of the species.</i>	<i>Estimated from Texas Ecological Systems Database (TXESD) vegetation classes that include a thornscrub component and that have at least 50% canopy cover, as estimated by the 2011 National Land Cover Dataset canopy cover layer.</i>	<i>Estimated from habitat model maps in Pierre et al. (2017) for high and low suitability of potential habitat within the current known range of the species.</i>	<i>Estimated from simple habitat model in Buzo (2008) for High and Medium Likelihood classes.</i>	<i>Estimated by applying a 984-foot zone around all known localities described by Devitt and Nissen (2018) as pertaining to the Barton Springs salamander.</i>	<i>Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).</i>
Wichita	0	0	0	0	0	0	0	0	0	0
Wilbarger	0	0	0	0	0	0	0	0	0	0
Willacy	0	0	39,295	39,295	0	26,096	0	0	0	0
Williamson	83,067	0	0	0	0	0	0	0	0	1,031
Wilson	0	0	0	0	0	0	0	0	0	0
Winkler	0	0	0	0	0	0	0	0	0	0
Wise	0	0	0	0	0	0	0	0	0	0
Wood	0	0	0	0	0	0	0	0	0	0
Young	11	0	0	0	0	0	0	0	0	0
Zapata	0	0	0	0	0	0	0	0	0	0
Zavala	0	0	0	0	0	0	0	0	0	0
TOTAL Plan Area	4,148,149	373,806	243,751	243,751	2,131,022	78,288	9,520,962	1,238,279	977	1,031

Plan Area County Name	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
	Estimated from extent of critical habitat (78 Federal Register 51327-51379).	Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).	Estimated by the critical habitat at San Marcos Springs (45 Federal Register 47355-47364) and by applying a 984-foot zone around all other known localities described by Bendik et al. (2013) as containing genetic material from the San Marcos salamander, including at Barton Springs.	Estimated from extent of critical habitat (78 Federal Register 63100-63127).	Estimated from extent of subsurface critical habitat (78 Federal Register 63100-63127).	Estimated by the extent of the species' range, as delineated by James Reddell in unpublished maps. This species is not a troglobite and not restricted to karst environments.	Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.	Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.	Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.	Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.
Anderson	0	0	0	0	0	0	0	0	0	0
Andrews	0	0	0	0	0	0	0	0	0	0
Angelina	0	0	0	0	0	0	0	0	0	0
Aransas	0	0	0	0	0	0	0	0	0	0
Archer	0	0	0	0	0	0	0	0	0	0
Armstrong	0	0	0	0	0	0	0	0	0	0
Atascosa	0	0	0	0	0	0	0	0	0	0
Austin	0	0	0	0	0	0	0	0	0	0
Bandera	0	0	0	0	0	0	0	0	0	0
Bastrop	0	0	0	0	0	0	0	0	0	0
Baylor	0	0	0	0	0	0	0	0	0	0
Bee	0	0	0	0	0	0	0	0	0	0
Bell	0	372	0	0	0	0	0	0	0	0
Bexar	0	0	0	0	0	0	0	0	0	0
Blanco	0	0	0	0	0	3,363	0	0	0	0
Borden	0	0	0	0	0	0	0	0	0	0
Bosque	0	0	0	0	0	0	0	0	0	0
Bowie	0	0	0	0	0	0	0	0	0	0
Brazoria	0	0	0	0	0	0	0	0	0	0
Brazos	0	0	0	0	0	0	0	0	0	0
Brewster	0	0	0	0	0	0	0	0	0	0
Briscoe	0	0	0	0	0	0	0	0	0	0
Brooks	0	0	0	0	0	0	0	0	0	0
Brown	0	0	0	0	0	0	0	0	0	0
Burleson	0	0	0	0	0	0	0	0	0	0
Burnet	0	0	0	0	0	42,593	0	0	0	0
Caldwell	0	0	0	0	0	0	0	0	0	0
Calhoun	0	0	0	0	0	0	0	0	0	0
Callahan	0	0	0	0	0	0	0	0	0	0
Cameron	0	0	0	0	0	0	0	0	0	0
Camp	0	0	0	0	0	0	0	0	0	0
Carson	0	0	0	0	0	0	0	0	0	0
Castro	0	0	0	0	0	0	0	0	0	0
Chambers	0	0	0	0	0	0	0	0	0	0
Cherokee	0	0	0	0	0	0	0	0	0	0
Childress	0	0	0	0	0	0	0	0	0	0
Clay	0	0	0	0	0	0	0	0	0	0
Coke	0	0	0	0	0	0	0	0	0	0
Coleman	0	0	0	0	0	0	0	0	0	0
Collin	0	0	0	0	0	0	0	0	0	0
Collingsworth	0	0	0	0	0	0	0	0	0	0
Colorado	0	0	0	0	0	0	0	0	0	0
Comal	0	0	0	38	138	0	0	0	0	0
Comanche	0	0	0	0	0	0	0	0	0	0
Concho	0	0	0	0	0	0	0	0	0	0
Cooke	0	0	0	0	0	0	0	0	0	0

Plan Area County Name	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck’s Cave amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
	Estimated from extent of critical habitat (78 Federal Register 51327-51379).	Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).	Estimated by the critical habitat at San Marcos Springs (45 Federal Register 47355-47364) and by applying a 984-foot zone around all other known localities described by Bendik et al. (2013) as containing genetic material from the San Marcos salamander, including at Barton Springs.	Estimated from extent of critical habitat (78 Federal Register 63100-63127).	Estimated from extent of subsurface critical habitat (78 Federal Register 63100-63127).	Estimated by the extent of the species' range, as delineated by James Reddell in unpublished maps. This species is not a troglobite and not restricted to karst environments.	Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.	Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.	Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.	Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.
Coryell	0	0	0	0	0	0	0	0	0	0
Cottle	0	0	0	0	0	0	0	0	0	0
Crane	0	0	0	0	0	0	0	0	0	0
Crockett	0	0	0	0	0	0	0	0	0	0
Crosby	0	0	0	0	0	0	0	0	0	0
Culberson	0	0	0	0	0	0	0	0	0	0
Dallas	0	0	0	0	0	0	0	0	0	0
Dawson	0	0	0	0	0	0	0	0	0	0
De Witt	0	0	0	0	0	0	0	0	0	0
Deaf Smith	0	0	0	0	0	0	0	0	0	0
Delta	0	0	0	0	0	0	0	0	0	0
Denton	0	0	0	0	0	0	0	0	0	0
Dickens	0	0	0	0	0	0	0	0	0	0
Dimmit	0	0	0	0	0	0	0	0	0	0
Donley	0	0	0	0	0	0	0	0	0	0
Duval	0	0	0	0	0	0	0	0	0	0
Eastland	0	0	0	0	0	0	0	0	0	0
Ector	0	0	0	0	0	0	0	0	0	0
Edwards	0	0	0	0	0	0	0	0	0	0
Ellis	0	0	0	0	0	0	0	0	0	0
Erath	0	0	0	0	0	0	0	0	0	0
Falls	0	0	0	0	0	0	0	0	0	0
Fannin	0	0	0	0	0	0	0	0	0	0
Fayette	0	0	0	0	0	0	0	0	0	0
Fisher	0	0	0	0	0	0	0	0	0	0
Floyd	0	0	0	0	0	0	0	0	0	0
Foard	0	0	0	0	0	0	0	0	0	0
Fort Bend	0	0	0	0	0	0	0	0	0	0
Franklin	0	0	0	0	0	0	0	0	0	0
Freestone	0	0	0	0	0	0	0	0	0	0
Frio	0	0	0	0	0	0	0	0	0	0
Gaines	0	0	0	0	0	0	0	0	0	0
Galveston	0	0	0	0	0	0	0	0	0	0
Garza	0	0	0	0	0	0	0	0	0	0
Gillespie	0	0	0	0	0	0	0	0	0	0
Glasscock	0	0	0	0	0	0	0	0	0	0
Goliad	0	0	0	0	0	0	0	0	0	0
Gonzales	0	0	0	0	0	0	0	0	0	0
Gray	0	0	0	0	0	0	0	0	0	0
Grayson	0	0	0	0	0	0	0	0	0	0
Gregg	0	0	0	0	0	0	0	0	0	0
Grimes	0	0	0	0	0	0	0	0	0	0
Guadalupe	0	0	0	0	0	0	0	0	0	0
Hale	0	0	0	0	0	0	0	0	0	0
Hall	0	0	0	0	0	0	0	0	0	0
Hamilton	0	0	0	0	0	0	0	0	0	0

Plan Area County Name	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
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Hansford	0	0	0	0	0	0	0	0	0	0
Hardeman	0	0	0	0	0	0	0	0	0	0
Harris	0	0	0	0	0	0	0	0	0	0
Harrison	0	0	0	0	0	0	0	0	0	0
Hartley	0	0	0	0	0	0	0	0	0	0
Haskell	0	0	0	0	0	0	0	0	0	0
Hays	0	0	162	16	0	0	0	0	0	0
Hemphill	0	0	0	0	0	0	0	0	0	0
Henderson	0	0	0	0	0	0	0	0	0	0
Hidalgo	0	0	0	0	0	0	0	0	0	0
Hill	0	0	0	0	0	0	0	0	0	0
Hood	0	0	0	0	0	0	0	0	0	0
Hopkins	0	0	0	0	0	0	0	0	0	0
Houston	0	0	0	0	0	0	0	0	0	0
Howard	0	0	0	0	0	0	0	0	0	0
Hudspeth	0	0	0	0	0	0	0	0	0	0
Hunt	0	0	0	0	0	0	0	0	0	0
Hutchinson	0	0	0	0	0	0	0	0	0	0
Irion	0	0	0	0	0	0	0	0	0	0
Jack	0	0	0	0	0	0	0	0	0	0
Jackson	0	0	0	0	0	0	0	0	0	0
Jasper	0	0	0	0	0	0	0	0	0	0
Jeff Davis	0	0	0	0	0	0	0	0	0	0
Jefferson	0	0	0	0	0	0	0	0	0	0
Jim Hogg	0	0	0	0	0	0	0	0	0	0
Jim Wells	0	0	0	0	0	0	0	0	0	0
Johnson	0	0	0	0	0	0	0	0	0	0
Jones	0	0	0	0	0	0	0	0	0	0
Karnes	0	0	0	0	0	0	0	0	0	0
Kaufman	0	0	0	0	0	0	0	0	0	0
Kendall	0	0	0	0	0	0	0	0	0	0
Kenedy	0	0	0	0	0	0	0	0	0	0
Kent	0	0	0	0	0	0	0	0	0	0
Kerr	0	0	0	0	0	0	0	0	0	0
Kimble	0	0	0	0	0	0	0	0	0	0
King	0	0	0	0	0	0	0	0	0	0
Kinney	0	0	0	0	0	0	0	0	0	0
Kleberg	0	0	0	0	0	0	0	0	0	0
Knox	0	0	0	0	0	0	0	0	0	0
La Salle	0	0	0	0	0	0	0	0	0	0
Lamar	0	0	0	0	0	0	0	0	0	0
Lamb	0	0	0	0	0	0	0	0	0	0
Lampasas	0	0	0	0	0	0	0	0	0	0
Lavaca	0	0	0	0	0	0	0	0	0	0
Lee	0	0	0	0	0	0	0	0	0	0
Leon	0	0	0	0	0	0	0	0	0	0

Plan Area County Name	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
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Liberty	0	0	0	0	0	0	0	0	0	0
Limestone	0	0	0	0	0	0	0	0	0	0
Lipscomb	0	0	0	0	0	0	0	0	0	0
Live Oak	0	0	0	0	0	0	0	0	0	0
Llano	0	0	0	0	0	0	0	0	0	0
Loving	0	0	0	0	0	0	0	0	0	0
Lubbock	0	0	0	0	0	0	0	0	0	0
Lynn	0	0	0	0	0	0	0	0	0	0
Madison	0	0	0	0	0	0	0	0	0	0
Martin	0	0	0	0	0	0	0	0	0	0
Mason	0	0	0	0	0	0	0	0	0	0
Matagorda	0	0	0	0	0	0	0	0	0	0
Maverick	0	0	0	0	0	0	0	0	0	0
Mcculloch	0	0	0	0	0	0	0	0	0	0
Mclennan	0	0	0	0	0	0	0	0	0	0
Mcmullen	0	0	0	0	0	0	0	0	0	0
Medina	0	0	0	0	0	0	0	0	20,162	20,162
Menard	0	0	0	0	0	0	0	0	0	0
Midland	0	0	0	0	0	0	0	0	0	0
Milam	0	0	0	0	0	0	0	0	0	0
Mills	0	0	0	0	0	0	0	0	0	0
Mitchell	0	0	0	0	0	0	0	0	0	0
Montague	0	0	0	0	0	0	0	0	0	0
Montgomery	0	0	0	0	0	0	0	0	0	0
Moore	0	0	0	0	0	0	0	0	0	0
Morris	0	0	0	0	0	0	0	0	0	0
Motley	0	0	0	0	0	0	0	0	0	0
Nacogdoches	0	0	0	0	0	0	0	0	0	0
Navarro	0	0	0	0	0	0	0	0	0	0
Nolan	0	0	0	0	0	0	0	0	0	0
Nueces	0	0	0	0	0	0	0	0	0	0
Ochiltree	0	0	0	0	0	0	0	0	0	0
Oldham	0	0	0	0	0	0	0	0	0	0
Palo Pinto	0	0	0	0	0	0	0	0	0	0
Panola	0	0	0	0	0	0	0	0	0	0
Parker	0	0	0	0	0	0	0	0	0	0
Parmer	0	0	0	0	0	0	0	0	0	0
Pecos	0	0	0	0	0	0	0	0	0	0
Polk	0	0	0	0	0	0	0	0	0	0
Potter	0	0	0	0	0	0	0	0	0	0
Presidio	0	0	0	0	0	0	0	0	0	0
Rains	0	0	0	0	0	0	0	0	0	0
Randall	0	0	0	0	0	0	0	0	0	0
Reagan	0	0	0	0	0	0	0	0	0	0
Real	0	0	0	0	0	0	0	0	0	0
Red River	0	0	0	0	0	0	0	0	0	0

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Reeves	0	0	0	0	0	0	0	0	0	0
Refugio	0	0	0	0	0	0	0	0	0	0
Roberts	0	0	0	0	0	0	0	0	0	0
Robertson	0	0	0	0	0	0	0	0	0	0
Rockwall	0	0	0	0	0	0	0	0	0	0
Runnels	0	0	0	0	0	0	0	0	0	0
Rusk	0	0	0	0	0	0	0	0	0	0
San Augustine	0	0	0	0	0	0	0	0	0	0
San Jacinto	0	0	0	0	0	0	0	0	0	0
San Patricio	0	0	0	0	0	0	0	0	0	0
San Saba	0	0	0	0	0	0	0	0	0	0
Schleicher	0	0	0	0	0	0	0	0	0	0
Scurry	0	0	0	0	0	0	0	0	0	0
Shackelford	0	0	0	0	0	0	0	0	0	0
Shelby	0	0	0	0	0	0	0	0	0	0
Smith	0	0	0	0	0	0	0	0	0	0
Somervell	0	0	0	0	0	0	0	0	0	0
Starr	0	0	0	0	0	0	0	0	0	0
Stephens	0	0	0	0	0	0	0	0	0	0
Sterling	0	0	0	0	0	0	0	0	0	0
Stonewall	0	0	0	0	0	0	0	0	0	0
Sutton	0	0	0	0	0	0	0	0	0	0
Swisher	0	0	0	0	0	0	0	0	0	0
Tarrant	0	0	0	0	0	0	0	0	0	0
Taylor	0	0	0	0	0	0	0	0	0	0
Terrell	0	0	0	0	0	0	0	0	0	0
Terry	0	0	0	0	0	0	0	0	0	0
Throckmorton	0	0	0	0	0	0	0	0	0	0
Titus	0	0	0	0	0	0	0	0	0	0
Tom Green	0	0	0	0	0	0	0	0	0	0
Travis	3,595	0	210	0	0	157,729	9,753	11,572	0	0
Trinity	0	0	0	0	0	0	0	0	0	0
Tyler	0	0	0	0	0	0	0	0	0	0
Upshur	0	0	0	0	0	0	0	0	0	0
Upton	0	0	0	0	0	0	0	0	0	0
Uvalde	0	0	0	0	0	0	0	0	0	0
Val Verde	0	0	0	0	0	0	0	0	0	0
Van Zandt	0	0	0	0	0	0	0	0	0	0
Victoria	0	0	0	0	0	0	0	0	0	0
Walker	0	0	0	0	0	0	0	0	0	0
Waller	0	0	0	0	0	0	0	0	0	0
Ward	0	0	0	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0	0	0
Webb	0	0	0	0	0	0	0	0	0	0
Wharton	0	0	0	0	0	0	0	0	0	0
Wheeler	0	0	0	0	0	0	0	0	0	0

Plan Area County Name	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
	<i>Estimated from extent of critical habitat (78 Federal Register 51327-51379).</i>	<i>Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).</i>	<i>Estimated by the critical habitat at San Marcos Springs (45 Federal Register 47355-47364) and by applying a 984-foot zone around all other known localities described by Bendik et al. (2013) as containing genetic material from the San Marcos salamander, including at Barton Springs.</i>	<i>Estimated from extent of critical habitat (78 Federal Register 63100-63127).</i>	<i>Estimated from extent of subsurface critical habitat (78 Federal Register 63100-63127).</i>	<i>Estimated by the extent of the species' range, as delineated by James Reddell in unpublished maps. This species is not a troglobite and not restricted to karst environments.</i>	<i>Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.</i>	<i>Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
	Wichita	0	0	0	0	0	0	0	0	0
	Wilbarger	0	0	0	0	0	0	0	0	0
	Willacy	0	0	0	0	0	0	0	0	0
	Williamson	736	0	0	0	0	0	5,578	10,666	0
	Wilson	0	0	0	0	0	0	0	0	0
	Winkler	0	0	0	0	0	0	0	0	0
	Wise	0	0	0	0	0	0	0	0	0
	Wood	0	0	0	0	0	0	0	0	0
	Young	0	0	0	0	0	0	0	0	0
	Zapata	0	0	0	0	0	0	0	0	0
	Zavala	0	0	0	0	0	0	0	0	0
TOTAL Plan Area	4,331	372	372	54	138	203,685	15,331	22,238	20,162	20,162

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
Anderson	0	0	0
Andrews	0	0	0
Angelina	0	0	0
Aransas	0	0	0
Archer	0	0	0
Armstrong	0	0	0
Atascosa	0	0	0
Austin	0	0	0
Bandera	0	0	0
Bastrop	0	0	0
Baylor	0	0	0
Bee	0	0	0
Bell	0	0	0
Bexar	0	0	0
Blanco	0	0	0
Borden	0	0	0
Bosque	0	0	0
Bowie	0	0	0
Brazoria	0	0	0
Brazos	0	0	0
Brewster	0	0	0
Briscoe	0	0	0
Brooks	0	0	0
Brown	0	0	0
Burleson	0	0	0
Burnet	0	0	0
Caldwell	0	0	0
Calhoun	0	0	0
Callahan	0	0	0
Cameron	0	0	0
Camp	0	0	0
Carson	0	0	0
Castro	0	0	0
Chambers	0	0	0
Cherokee	0	0	0
Childress	0	0	0
Clay	0	0	0
Coke	0	0	0
Coleman	0	0	0
Collin	0	0	0
Collingsworth	0	0	0
Colorado	0	0	0
Comal	0	0	0
Comanche	0	0	0
Concho	0	0	0
Cooke	0	0	0

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
Coryell	0	0	0
Cottle	0	0	0
Crane	0	0	0
Crockett	0	0	0
Crosby	0	0	0
Culberson	0	0	0
Dallas	0	0	0
Dawson	0	0	0
De Witt	0	0	0
Deaf Smith	0	0	0
Delta	0	0	0
Denton	0	0	0
Dickens	0	0	0
Dimmit	0	0	0
Donley	0	0	0
Duval	0	0	0
Eastland	0	0	0
Ector	0	0	0
Edwards	0	0	0
Ellis	0	0	0
Erath	0	0	0
Falls	0	0	0
Fannin	0	0	0
Fayette	0	0	0
Fisher	0	0	0
Floyd	0	0	0
Foard	0	0	0
Fort Bend	0	0	0
Franklin	0	0	0
Freestone	0	0	0
Frio	0	0	0
Gaines	0	0	0
Galveston	0	0	0
Garza	0	0	0
Gillespie	0	0	0
Glasscock	0	0	0
Goliad	0	0	0
Gonzales	0	0	0
Gray	0	0	0
Grayson	0	0	0
Gregg	0	0	0
Grimes	0	0	0
Guadalupe	0	0	0
Hale	0	0	0
Hall	0	0	0
Hamilton	0	0	0

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
Hansford	0	0	0
Hardeman	0	0	0
Harris	0	0	0
Harrison	0	0	0
Hartley	0	0	0
Haskell	0	0	0
Hays	0	0	0
Hemphill	0	0	0
Henderson	0	0	0
Hidalgo	0	0	0
Hill	0	0	0
Hood	0	0	0
Hopkins	0	0	0
Houston	0	0	0
Howard	0	0	0
Hudspeth	0	0	0
Hunt	0	0	0
Hutchinson	0	0	0
Irion	0	0	0
Jack	0	0	0
Jackson	0	0	0
Jasper	0	0	0
Jeff Davis	0	0	0
Jefferson	0	0	0
Jim Hogg	0	0	0
Jim Wells	0	0	0
Johnson	0	0	0
Jones	0	0	0
Karnes	0	0	0
Kaufman	0	0	0
Kendall	0	0	0
Kenedy	0	0	0
Kent	0	0	0
Kerr	0	0	0
Kimble	0	0	0
King	0	0	0
Kinney	0	0	0
Kleberg	0	0	0
Knox	0	0	0
La Salle	0	0	0
Lamar	0	0	0
Lamb	0	0	0
Lampasas	0	0	0
Lavaca	0	0	0
Lee	0	0	0
Leon	0	0	0

Data in acres, rounded to the nearest whole number

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
Liberty	0	0	0
Limestone	0	0	0
Lipscomb	0	0	0
Live Oak	0	0	0
Llano	0	0	0
Loving	0	0	0
Lubbock	0	0	0
Lynn	0	0	0
Madison	0	0	0
Martin	0	0	0
Mason	0	0	0
Matagorda	0	0	0
Maverick	0	0	0
Mcculloch	0	0	0
Mclennan	0	0	0
Mcmullen	0	0	0
Medina	20,162	20,162	20,162
Menard	0	0	0
Midland	0	0	0
Milam	0	0	0
Mills	0	0	0
Mitchell	0	0	0
Montague	0	0	0
Montgomery	0	0	0
Moore	0	0	0
Morris	0	0	0
Motley	0	0	0
Nacogdoches	0	0	0
Navarro	0	0	0
Nolan	0	0	0
Nueces	0	0	0
Ochiltree	0	0	0
Oldham	0	0	0
Palo Pinto	0	0	0
Panola	0	0	0
Parker	0	0	0
Parmer	0	0	0
Pecos	0	0	0
Polk	0	0	0
Potter	0	0	0
Presidio	0	0	0
Rains	0	0	0
Randall	0	0	0
Reagan	0	0	0
Real	0	0	0
Red River	0	0	0

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
Reeves	0	0	0
Refugio	0	0	0
Roberts	0	0	0
Robertson	0	0	0
Rockwall	0	0	0
Runnels	0	0	0
Rusk	0	0	0
San Augustine	0	0	0
San Jacinto	0	0	0
San Patricio	0	0	0
San Saba	0	0	0
Schleicher	0	0	0
Scurry	0	0	0
Shackelford	0	0	0
Shelby	0	0	0
Smith	0	0	0
Somervell	0	0	0
Starr	0	0	0
Stephens	0	0	0
Sterling	0	0	0
Stonewall	0	0	0
Sutton	0	0	0
Swisher	0	0	0
Tarrant	0	0	0
Taylor	0	0	0
Terrell	0	0	0
Terry	0	0	0
Throckmorton	0	0	0
Titus	0	0	0
Tom Green	0	0	0
Travis	0	0	0
Trinity	0	0	0
Tyler	0	0	0
Upshur	0	0	0
Upton	0	0	0
Uvalde	0	0	0
Val Verde	0	0	0
Van Zandt	0	0	0
Victoria	0	0	0
Walker	0	0	0
Waller	0	0	0
Ward	0	0	0
Washington	0	0	0
Webb	0	0	0
Wharton	0	0	0
Wheeler	0	0	0

Plan Area County Name	Helotes Mold Beetle	Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
Wichita	0	0	0
Wilbarger	0	0	0
Willacy	0	0	0
Williamson	0	0	0
Wilson	0	0	0
Winkler	0	0	0
Wise	0	0	0
Wood	0	0	0
Young	0	0	0
Zapata	0	0	0
Zavala	0	0	0
TOTAL Plan Area	20,162	20,162	20,162

Plan Area County Name	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
	<i>Texas A&M Institute of Renewable Natural Resources (TAMU IRNR) Habitat Model (Morrison et al. 2010).</i>	<i>Winter habitat (land covers not including urban, woodland, forest, shrubland, or open water) within the Mid-coast Barrier Islands and Coastal Marshes Level IV Ecoregion between Aransas Pass and the Colorado River.</i>	<i>Texas Ecological Systems Database (TXESD) vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>TXESD vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>2011 NLCD Land Cover class for Evergreen Forest within range of the species.</i>	<i>Estimated from Texas Ecological Systems Database (TXESD) vegetation classes that include a thornscrub component and that have at least 50% canopy cover, as estimated by the 2011 National Land Cover Dataset canopy cover layer.</i>	<i>Estimated from habitat model maps in Pierre et al. (2017) for high and low suitability of potential habitat within the current known range of the species.</i>	<i>Estimated from simple habitat model in Buzo (2008) for High and Medium Likelihood classes.</i>	<i>Estimated by applying a 984-foot zone around all known localities described by Devitt and Nissen (2018) as pertaining to the Barton Springs salamander.</i>	<i>Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).</i>
Anderson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Andrews	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Angelina	0.000%	0.000%	0.000%	0.000%	0.000%	25.418%	0.000%	0.000%	0.000%	0.000%
Aransas	0.000%	52.242%	4.389%	4.389%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Archer	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Armstrong	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Atascosa	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Austin	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	12.030%	0.000%	0.000%
Bandera	45.186%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bastrop	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	37.001%	0.000%	0.000%
Baylor	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bee	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bell	13.756%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bexar	12.126%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Blanco	26.918%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Borden	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bosque	20.834%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bowie	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Brazoria	0.000%	0.000%	0.106%	0.106%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Brazos	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Brewster	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Briscoe	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Brooks	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Brown	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Burleson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	16.979%	0.000%	0.000%
Burnet	35.083%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Caldwell	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Calhoun	0.000%	42.006%	0.498%	0.498%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Callahan	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Cameron	0.000%	0.000%	7.387%	7.387%	0.000%	4.009%	0.000%	0.000%	0.000%	0.000%
Camp	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Carson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Castro	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Chambers	0.000%	0.000%	0.008%	0.008%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Cherokee	0.000%	0.000%	0.000%	0.000%	0.000%	20.591%	0.000%	0.000%	0.000%	0.000%
Childress	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Clay	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Coke	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	67.789%	0.000%	0.000%	0.000%
Coleman	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Collin	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Collingsworth	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Colorado	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	17.983%	0.000%	0.000%
Comal	41.911%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Comanche	0.010%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Concho	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	55.855%	0.000%	0.000%	0.000%
Cooke	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%

Plan Area County Name										
	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
	<i>Texas A&M Institute of Renewable Natural Resources (TAMU IRNR) Habitat Model (Morrison et al. 2010).</i>	<i>Winter habitat (land covers not including urban, woodland, forest, shrubland, or open water) within the Mid-coast Barrier Islands and Coastal Marshes Level IV Ecoregion between Aransas Pass and the Colorado River.</i>	<i>Texas Ecological Systems Database (TXESD) vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>TXESD vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>2011 NLCD Land Cover class for Evergreen Forest within range of the species.</i>	<i>Estimated from Texas Ecological Systems Database (TXESD) vegetation classes that include a thornscrub component and that have at least 50% canopy cover, as estimated by the 2011 National Land Cover Dataset canopy cover layer.</i>	<i>Estimated from habitat model maps in Pierre et al. (2017) for high and low suitability of potential habitat within the current known range of the species.</i>	<i>Estimated from simple habitat model in Buzo (2008) for High and Medium Likelihood classes.</i>	<i>Estimated by applying a 984-foot zone around all known localities described by Devitt and Nissen (2018) as pertaining to the Barton Springs salamander.</i>	<i>Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).</i>
Coryell	20.807%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Cottle	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Crane	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Crockett	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	45.114%	0.000%	0.000%	0.000%
Crosby	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Culberson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Dallas	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Dawson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
De Witt	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Deaf Smith	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Delta	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Denton	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Dickens	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Dimmit	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Donley	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Duval	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Eastland	7.617%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Ector	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Edwards	18.323%	0.000%	0.000%	0.000%	0.000%	0.000%	43.564%	0.000%	0.000%	0.000%
Ellis	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Erath	16.954%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Falls	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Fannin	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Fayette	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Fisher	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Floyd	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Foard	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Fort Bend	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Franklin	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Freestone	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Frio	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Gaines	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Galveston	0.000%	0.000%	0.625%	0.625%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Garza	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Gillespie	22.970%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Glasscock	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	60.676%	0.000%	0.000%	0.000%
Goliad	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Gonzales	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Gray	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Grayson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Gregg	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Grimes	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Guadalupe	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hale	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hall	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hamilton	12.724%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%

Plan Area County Name										
	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
	<i>Texas A&M Institute of Renewable Natural Resources (TAMU IRNR) Habitat Model (Morrison et al. 2010).</i>	<i>Winter habitat (land covers not including urban, woodland, forest, shrubland, or open water) within the Mid-coast Barrier Islands and Coastal Marshes Level IV Ecoregion between Aransas Pass and the Colorado River.</i>	<i>Texas Ecological Systems Database (TXESD) vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>TXESD vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>2011 NLCD Land Cover class for Evergreen Forest within range of the species.</i>	<i>Estimated from Texas Ecological Systems Database (TXESD) vegetation classes that include a thornscrub component and that have at least 50% canopy cover, as estimated by the 2011 National Land Cover Dataset canopy cover layer.</i>	<i>Estimated from habitat model maps in Pierre et al. (2017) for high and low suitability of potential habitat within the current known range of the species.</i>	<i>Estimated from simple habitat model in Buzo (2008) for High and Medium Likelihood classes.</i>	<i>Estimated by applying a 984-foot zone around all known localities described by Devitt and Nissen (2018) as pertaining to the Barton Springs salamander.</i>	<i>Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).</i>
Hansford	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hardeman	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Harris	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hartley	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Haskell	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hays	37.240%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.129%	0.000%
Hemphill	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Henderson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hidalgo	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hill	2.471%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hood	15.133%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hopkins	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Houston	0.000%	0.000%	0.000%	0.000%	24.218%	0.000%	0.000%	0.000%	0.000%	0.000%
Howard	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hudspeth	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hunt	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hutchinson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Irion	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	44.518%	0.000%	0.000%	0.000%
Jack	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jackson	0.000%	4.426%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jasper	0.000%	0.000%	0.000%	0.000%	28.860%	0.000%	0.000%	0.000%	0.000%	0.000%
Jeff Davis	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jefferson	0.000%	0.000%	0.105%	0.105%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jim Hogg	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jim Wells	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	22.461%	0.000%	0.000%	0.000%
Johnson	4.089%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jones	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Karnes	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kaufman	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kendall	31.658%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kenedy	0.000%	0.000%	12.272%	12.272%	0.000%	2.466%	0.000%	0.000%	0.000%	0.000%
Kent	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kerr	35.049%	0.000%	0.000%	0.000%	0.000%	0.000%	50.144%	0.000%	0.000%	0.000%
Kimble	22.910%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
King	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kinney	4.692%	0.000%	0.000%	0.000%	0.000%	0.000%	60.344%	0.000%	0.000%	0.000%
Kleberg	0.000%	0.000%	1.249%	1.249%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Knox	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
La Salle	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lamar	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lamb	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lampasas	20.406%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lavaca	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	29.938%	0.000%	0.000%
Lee	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	32.901%	0.000%	0.000%
Leon	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	15.952%	0.000%	0.000%

Plan Area County Name	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
	<i>Texas A&M Institute of Renewable Natural Resources (TAMU IRNR) Habitat Model (Morrison et al. 2010).</i>	<i>Winter habitat (land covers not including urban, woodland, forest, shrubland, or open water) within the Mid-coast Barrier Islands and Coastal Marshes Level IV Ecoregion between Aransas Pass and the Colorado River.</i>	<i>Texas Ecological Systems Database (TXESD) vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>TXESD vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>2011 NLCD Land Cover class for Evergreen Forest within range of the species.</i>	<i>Estimated from Texas Ecological Systems Database (TXESD) vegetation classes that include a thornscrub component and that have at least 50% canopy cover, as estimated by the 2011 National Land Cover Dataset canopy cover layer.</i>	<i>Estimated from habitat model maps in Pierre et al. (2017) for high and low suitability of potential habitat within the current known range of the species.</i>	<i>Estimated from simple habitat model in Buzo (2008) for High and Medium Likelihood classes.</i>	<i>Estimated by applying a 984-foot zone around all known localities described by Devitt and Nissen (2018) as pertaining to the Barton Springs salamander.</i>	<i>Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).</i>
Liberty	0.000%	0.000%	0.000%	0.000%	0.000%	7.794%	0.000%	0.000%	0.000%	0.000%
Limestone	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lipscomb	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Live Oak	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Llano	16.771%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Loving	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lubbock	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lynn	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Madison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Martin	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Mason	15.413%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	90.775%	0.000%	0.000%
Matagorda	0.000%	8.085%	0.315%	0.315%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Maverick	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	82.493%	0.000%	0.000%	0.000%
Mcculloch	0.003%	0.000%	0.000%	0.000%	0.000%	0.000%	71.536%	0.000%	0.000%	0.000%
Mclennan	2.869%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Mcmullen	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Medina	14.354%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Menard	3.280%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Midland	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Milam	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	27.931%	0.000%	0.000%
Mills	0.004%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Mitchell	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Montague	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Montgomery	0.000%	0.000%	0.000%	0.000%	0.000%	18.901%	0.000%	0.000%	0.000%	0.000%
Moore	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Morris	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Motley	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Nacogdoches	0.000%	0.000%	0.000%	0.000%	0.000%	22.617%	0.000%	0.000%	0.000%	0.000%
Navarro	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Nolan	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Nueces	0.000%	0.576%	0.723%	0.723%	0.000%	0.000%	55.942%	0.000%	0.000%	0.000%
Ochiltree	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Oldham	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Palo Pinto	28.237%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Panola	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Parker	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Parmer	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Pecos	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Polk	0.000%	0.000%	0.000%	0.000%	0.000%	31.703%	0.000%	0.000%	0.000%	0.000%
Potter	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Presidio	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Rains	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Randall	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Reagan	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	54.955%	0.000%	0.000%	0.000%
Real	49.188%	0.000%	0.000%	0.000%	0.000%	0.000%	69.406%	0.000%	0.000%	0.000%
Red River	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%

Plan Area County Name										
	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
	<i>Texas A&M Institute of Renewable Natural Resources (TAMU IRNR) Habitat Model (Morrison et al. 2010).</i>	<i>Winter habitat (land covers not including urban, woodland, forest, shrubland, or open water) within the Mid-coast Barrier Islands and Coastal Marshes Level IV Ecoregion between Aransas Pass and the Colorado River.</i>	<i>Texas Ecological Systems Database (TXESD) vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>TXESD vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>2011 NLCD Land Cover class for Evergreen Forest within range of the species.</i>	<i>Estimated from Texas Ecological Systems Database (TXESD) vegetation classes that include a thornscrub component and that have at least 50% canopy cover, as estimated by the 2011 National Land Cover Dataset canopy cover layer.</i>	<i>Estimated from habitat model maps in Pierre et al. (2017) for high and low suitability of potential habitat within the current known range of the species.</i>	<i>Estimated from simple habitat model in Buzo (2008) for High and Medium Likelihood classes.</i>	<i>Estimated by applying a 984-foot zone around all known localities described by Devitt and Nissen (2018) as pertaining to the Barton Springs salamander.</i>	<i>Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).</i>
Reeves	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Refugio	0.000%	5.552%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Roberts	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Robertson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	31.967%	0.000%	0.000%
Rockwall	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Runnels	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	57.359%	0.000%	0.000%	0.000%
Rusk	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
San Augustine	0.000%	0.000%	0.000%	0.000%	33.281%	0.000%	0.000%	0.000%	0.000%	0.000%
San Jacinto	0.000%	0.000%	0.000%	0.000%	28.867%	0.000%	0.000%	0.000%	0.000%	0.000%
San Patricio	0.000%	2.176%	0.020%	0.020%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
San Saba	17.464%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Schleicher	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	57.645%	0.000%	0.000%	0.000%
Scurry	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Shackelford	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Shelby	0.000%	0.000%	0.000%	0.000%	25.356%	0.000%	0.000%	0.000%	0.000%	0.000%
Smith	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Somervell	31.938%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Starr	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Stephens	9.822%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Sterling	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	38.155%	0.000%	0.000%	0.000%
Stonewall	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Sutton	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	43.718%	0.000%	0.000%	0.000%
Swisher	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Tarrant	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Taylor	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Terrell	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Terry	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Throckmorton	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Titus	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Tom Green	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	53.031%	0.000%	0.000%	0.000%
Travis	22.947%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.064%	0.000%
Trinity	0.000%	0.000%	0.000%	0.000%	0.000%	41.056%	0.000%	0.000%	0.000%	0.000%
Tyler	0.000%	0.000%	0.000%	0.000%	30.520%	0.000%	0.000%	0.000%	0.000%	0.000%
Upshur	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Upton	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Uvalde	15.673%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Val Verde	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	45.043%	0.000%	0.000%	0.000%
Van Zandt	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Victoria	0.000%	1.682%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Walker	0.000%	0.000%	0.000%	0.000%	32.918%	0.000%	0.000%	0.000%	0.000%	0.000%
Waller	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Ward	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Washington	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Webb	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Wharton	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Wheeler	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%

Plan Area County Name	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
	<i>Texas A&M Institute of Renewable Natural Resources (TAMU IRNR) Habitat Model (Morrison et al. 2010).</i>	<i>Winter habitat (land covers not including urban, woodland, forest, shrubland, or open water) within the Mid-coast Barrier Islands and Coastal Marshes Level IV Ecoregion between Aransas Pass and the Colorado River.</i>	<i>Texas Ecological Systems Database (TXESD) vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>TXESD vegetation classes for Beach, Wind Tidal Flat, Saline Lake Flats, and Algal Flats. Based on aerial imagery review, added long strips of beach on the upper Gulf Coast that had classes of Urban High Density or other tidal marsh or tidal flat.</i>	<i>2011 NLCD Land Cover class for Evergreen Forest within range of the species.</i>	<i>Estimated from Texas Ecological Systems Database (TXESD) vegetation classes that include a thornscrub component and that have at least 50% canopy cover, as estimated by the 2011 National Land Cover Dataset canopy cover layer.</i>	<i>Estimated from habitat model maps in Pierre et al. (2017) for high and low suitability of potential habitat within the current known range of the species.</i>	<i>Estimated from simple habitat model in Buzo (2008) for High and Medium Likelihood classes.</i>	<i>Estimated by applying a 984-foot zone around all known localities described by Devitt and Nissen (2018) as pertaining to the Barton Springs salamander.</i>	<i>Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).</i>
Wichita	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Wilbarger	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Willacy	0.000%	0.000%	9.261%	9.261%	0.000%	6.150%	0.000%	0.000%	0.000%	0.000%
Williamson	11.428%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.142%
Wilson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Winkler	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Wise	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Wood	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Young	0.002%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Zapata	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Zavala	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
TOTAL Plan Area	2.548%	0.230%	0.150%	0.150%	1.309%	0.048%	5.847%	0.760%	0.001%	0.001%

Plan Area County Name	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
	Estimated from extent of critical habitat (78 Federal Register 51327-51379).	Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).	Estimated by the critical habitat at San Marcos Springs (45 Federal Register 47355-47364) and by applying a 984-foot zone around all other known localities described by Bendik et al. (2013) as containing genetic material from the San Marcos salamander, including at Barton Springs.	Estimated from extent of critical habitat (78 Federal Register 63100-63127).	Estimated from extent of subsuface critical habitat (78 Federal Register 63100-63127).	Estimated by the extent of the species' range, as delineated by James Reddell in unpublished maps. This species is not a troglobite and not restricted to karst environments.	Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.	Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.	Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.	Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.
Anderson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Andrews	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Angelina	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Aransas	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Archer	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Armstrong	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Atascosa	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Austin	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bandera	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bastrop	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Baylor	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bee	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bell	0.000%	0.053%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bexar	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Blanco	0.000%	0.000%	0.000%	0.000%	0.000%	0.736%	0.000%	0.000%	0.000%	0.000%
Borden	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bosque	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Bowie	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Brazoria	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Brazos	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Brewster	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Briscoe	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Brooks	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Brown	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Burleson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Burnet	0.000%	0.000%	0.000%	0.000%	0.000%	6.532%	0.000%	0.000%	0.000%	0.000%
Caldwell	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Calhoun	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Callahan	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Cameron	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Camp	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Carson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Castro	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Chambers	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Cherokee	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Childress	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Clay	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Coke	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Coleman	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Collin	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Collingsworth	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Colorado	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Comal	0.000%	0.000%	0.000%	0.010%	0.037%	0.000%	0.000%	0.000%	0.000%	0.000%
Comanche	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Concho	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Cooke	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%

Plan Area County Name	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
	Estimated from extent of critical habitat (78 Federal Register 51327-51379).	Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).	Estimated by the critical habitat at San Marcos Springs (45 Federal Register 47355-47364) and by applying a 984-foot zone around all other known localities described by Bendik et al. (2013) as containing genetic material from the San Marcos salamander, including at Barton Springs.	Estimated from extent of critical habitat (78 Federal Register 63100-63127).	Estimated from extent of subsuface critical habitat (78 Federal Register 63100-63127).	Estimated by the extent of the species' range, as delineated by James Reddell in unpublished maps. This species is not a troglobite and not restricted to karst environments.	Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.	Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.	Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.	Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.
Coryell	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Cottle	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Crane	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Crockett	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Crosby	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Culberson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Dallas	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Dawson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
De Witt	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Deaf Smith	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Delta	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Denton	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Dickens	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Dimmit	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Donley	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Duval	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Eastland	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Ector	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Edwards	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Ellis	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Erath	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Falls	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Fannin	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Fayette	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Fisher	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Floyd	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Foard	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Fort Bend	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Franklin	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Freestone	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Frio	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Gaines	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Galveston	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Garza	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Gillespie	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Glasscock	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Goliad	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Gonzales	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Gray	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Grayson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Gregg	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Grimes	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Guadalupe	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hale	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hall	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hamilton	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%

Plan Area County Name	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
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Hansford	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hardeman	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Harris	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Harrison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hartley	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Haskell	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hays	0.000%	0.000%	0.037%	0.004%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hemphill	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Henderson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hidalgo	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hill	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hood	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hopkins	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Houston	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Howard	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hudspeth	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hunt	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Hutchinson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Irion	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jack	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jackson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jasper	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jeff Davis	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jefferson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jim Hogg	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jim Wells	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Johnson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Jones	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Karnes	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kaufman	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kendall	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kenedy	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kent	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kerr	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kimble	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
King	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kinney	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Kleberg	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Knox	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
La Salle	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lamar	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lamb	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lampasas	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lavaca	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lee	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Leon	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%

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Liberty	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Limestone	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lipscomb	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Live Oak	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Llano	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Loving	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lubbock	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Lynn	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Madison	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Martin	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Mason	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Matagorda	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Maverick	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Mcculloch	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Mclennan	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Mcmullen	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Medina	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	2.353%	2.353%
Menard	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Midland	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Milam	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Mills	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Mitchell	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Montague	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Montgomery	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Moore	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Morris	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Motley	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Nacogdoches	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Navarro	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Nolan	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Nueces	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Ochiltree	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Oldham	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Palo Pinto	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Panola	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Parker	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Parmer	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Pecos	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Polk	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Potter	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Presidio	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Rains	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Randall	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Reagan	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Real	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Red River	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%

Plan Area County Name	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
	Estimated from extent of critical habitat (78 Federal Register 51327-51379).	Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).	Estimated by the critical habitat at San Marcos Springs (45 Federal Register 47355-47364) and by applying a 984-foot zone around all other known localities described by Bendik et al. (2013) as containing genetic material from the San Marcos salamander, including at Barton Springs.	Estimated from extent of critical habitat (78 Federal Register 63100-63127).	Estimated from extent of subsuface critical habitat (78 Federal Register 63100-63127).	Estimated by the extent of the species' range, as delineated by James Reddell in unpublished maps. This species is not a troglobite and not restricted to karst environments.	Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.	Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.	Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.	Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.
Reeves	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Refugio	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Roberts	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Robertson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Rockwall	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Runnels	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Rusk	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
San Augustine	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
San Jacinto	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
San Patricio	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
San Saba	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Schleicher	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Scurry	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Shackelford	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Shelby	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Smith	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Somervell	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Starr	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Stephens	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Sterling	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Stonewall	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Sutton	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Swisher	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Tarrant	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Taylor	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Terrell	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Terry	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Throckmorton	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Titus	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Tom Green	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Travis	0.548%	0.000%	0.032%	0.000%	0.000%	24.031%	1.486%	1.763%	0.000%	0.000%
Trinity	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Tyler	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Upshur	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Upton	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Uvalde	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Val Verde	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Van Zandt	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Victoria	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Walker	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Waller	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Ward	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Washington	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Webb	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Wharton	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Wheeler	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%

Appendix E -- County-Level Habitat for Covered Species, as Percent of County Area

July 5, 2019

Plan Area County Name										
	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
	Estimated from extent of critical habitat (78 Federal Register 51327-51379).	Estimated from extent of proposed critical habitat (78 Federal Register 5385-5403).	Estimated by the critical habitat at San Marcos Springs (45 Federal Register 47355-47364) and by applying a 984-foot zone around all other known localities described by Bendik et al. (2013) as containing genetic material from the San Marcos salamander, including at Barton Springs.	Estimated from extent of critical habitat (78 Federal Register 63100-63127).	Estimated from extent of subsurface critical habitat (78 Federal Register 63100-63127).	Estimated by the extent of the species' range, as delineated by James Reddell in unpublished maps. This species is not a troglobite and not restricted to karst environments.	Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.	Estimated from extent of Karst Zone 1 or 2 (Veni and Martinez 2007) within the range of the species, as delineated by James Reddell in unpublished maps.	Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.	Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.
Wichita	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Wilbarger	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Willacy	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Williamson	0.101%	0.000%	0.000%	0.000%	0.000%	0.000%	0.767%	1.467%	0.000%	0.000%
Wilson	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Winkler	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Wise	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Wood	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Young	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Zapata	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Zavala	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
TOTAL Plan Area	0.003%	0.000%	0.000%	0.000%	0.000%	0.125%	0.009%	0.014%	0.012%	0.012%

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
Anderson	0.000%	0.000%	0.000%
Andrews	0.000%	0.000%	0.000%
Angelina	0.000%	0.000%	0.000%
Aransas	0.000%	0.000%	0.000%
Archer	0.000%	0.000%	0.000%
Armstrong	0.000%	0.000%	0.000%
Atascosa	0.000%	0.000%	0.000%
Austin	0.000%	0.000%	0.000%
Bandera	0.000%	0.000%	0.000%
Bastrop	0.000%	0.000%	0.000%
Baylor	0.000%	0.000%	0.000%
Bee	0.000%	0.000%	0.000%
Bell	0.000%	0.000%	0.000%
Bexar	0.000%	0.000%	0.000%
Blanco	0.000%	0.000%	0.000%
Borden	0.000%	0.000%	0.000%
Bosque	0.000%	0.000%	0.000%
Bowie	0.000%	0.000%	0.000%
Brazoria	0.000%	0.000%	0.000%
Brazos	0.000%	0.000%	0.000%
Brewster	0.000%	0.000%	0.000%
Briscoe	0.000%	0.000%	0.000%
Brooks	0.000%	0.000%	0.000%
Brown	0.000%	0.000%	0.000%
Burleson	0.000%	0.000%	0.000%
Burnet	0.000%	0.000%	0.000%
Caldwell	0.000%	0.000%	0.000%
Calhoun	0.000%	0.000%	0.000%
Callahan	0.000%	0.000%	0.000%
Cameron	0.000%	0.000%	0.000%
Camp	0.000%	0.000%	0.000%
Carson	0.000%	0.000%	0.000%
Castro	0.000%	0.000%	0.000%
Chambers	0.000%	0.000%	0.000%
Cherokee	0.000%	0.000%	0.000%
Childress	0.000%	0.000%	0.000%
Clay	0.000%	0.000%	0.000%
Coke	0.000%	0.000%	0.000%
Coleman	0.000%	0.000%	0.000%
Collin	0.000%	0.000%	0.000%
Collingsworth	0.000%	0.000%	0.000%
Colorado	0.000%	0.000%	0.000%
Comal	0.000%	0.000%	0.000%
Comanche	0.000%	0.000%	0.000%
Concho	0.000%	0.000%	0.000%
Cooke	0.000%	0.000%	0.000%

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
Coryell	0.000%	0.000%	0.000%
Cottle	0.000%	0.000%	0.000%
Crane	0.000%	0.000%	0.000%
Crockett	0.000%	0.000%	0.000%
Crosby	0.000%	0.000%	0.000%
Culberson	0.000%	0.000%	0.000%
Dallas	0.000%	0.000%	0.000%
Dawson	0.000%	0.000%	0.000%
De Witt	0.000%	0.000%	0.000%
Deaf Smith	0.000%	0.000%	0.000%
Delta	0.000%	0.000%	0.000%
Denton	0.000%	0.000%	0.000%
Dickens	0.000%	0.000%	0.000%
Dimmit	0.000%	0.000%	0.000%
Donley	0.000%	0.000%	0.000%
Duval	0.000%	0.000%	0.000%
Eastland	0.000%	0.000%	0.000%
Ector	0.000%	0.000%	0.000%
Edwards	0.000%	0.000%	0.000%
Ellis	0.000%	0.000%	0.000%
Erath	0.000%	0.000%	0.000%
Falls	0.000%	0.000%	0.000%
Fannin	0.000%	0.000%	0.000%
Fayette	0.000%	0.000%	0.000%
Fisher	0.000%	0.000%	0.000%
Floyd	0.000%	0.000%	0.000%
Foard	0.000%	0.000%	0.000%
Fort Bend	0.000%	0.000%	0.000%
Franklin	0.000%	0.000%	0.000%
Freestone	0.000%	0.000%	0.000%
Frio	0.000%	0.000%	0.000%
Gaines	0.000%	0.000%	0.000%
Galveston	0.000%	0.000%	0.000%
Garza	0.000%	0.000%	0.000%
Gillespie	0.000%	0.000%	0.000%
Glasscock	0.000%	0.000%	0.000%
Goliad	0.000%	0.000%	0.000%
Gonzales	0.000%	0.000%	0.000%
Gray	0.000%	0.000%	0.000%
Grayson	0.000%	0.000%	0.000%
Gregg	0.000%	0.000%	0.000%
Grimes	0.000%	0.000%	0.000%
Guadalupe	0.000%	0.000%	0.000%
Hale	0.000%	0.000%	0.000%
Hall	0.000%	0.000%	0.000%
Hamilton	0.000%	0.000%	0.000%

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
Hansford	0.000%	0.000%	0.000%
Hardeman	0.000%	0.000%	0.000%
Harris	0.000%	0.000%	0.000%
Harrison	0.000%	0.000%	0.000%
Hartley	0.000%	0.000%	0.000%
Haskell	0.000%	0.000%	0.000%
Hays	0.000%	0.000%	0.000%
Hemphill	0.000%	0.000%	0.000%
Henderson	0.000%	0.000%	0.000%
Hidalgo	0.000%	0.000%	0.000%
Hill	0.000%	0.000%	0.000%
Hood	0.000%	0.000%	0.000%
Hopkins	0.000%	0.000%	0.000%
Houston	0.000%	0.000%	0.000%
Howard	0.000%	0.000%	0.000%
Hudspeth	0.000%	0.000%	0.000%
Hunt	0.000%	0.000%	0.000%
Hutchinson	0.000%	0.000%	0.000%
Irion	0.000%	0.000%	0.000%
Jack	0.000%	0.000%	0.000%
Jackson	0.000%	0.000%	0.000%
Jasper	0.000%	0.000%	0.000%
Jeff Davis	0.000%	0.000%	0.000%
Jefferson	0.000%	0.000%	0.000%
Jim Hogg	0.000%	0.000%	0.000%
Jim Wells	0.000%	0.000%	0.000%
Johnson	0.000%	0.000%	0.000%
Jones	0.000%	0.000%	0.000%
Karnes	0.000%	0.000%	0.000%
Kaufman	0.000%	0.000%	0.000%
Kendall	0.000%	0.000%	0.000%
Kenedy	0.000%	0.000%	0.000%
Kent	0.000%	0.000%	0.000%
Kerr	0.000%	0.000%	0.000%
Kimble	0.000%	0.000%	0.000%
King	0.000%	0.000%	0.000%
Kinney	0.000%	0.000%	0.000%
Kleberg	0.000%	0.000%	0.000%
Knox	0.000%	0.000%	0.000%
La Salle	0.000%	0.000%	0.000%
Lamar	0.000%	0.000%	0.000%
Lamb	0.000%	0.000%	0.000%
Lampasas	0.000%	0.000%	0.000%
Lavaca	0.000%	0.000%	0.000%
Lee	0.000%	0.000%	0.000%
Leon	0.000%	0.000%	0.000%

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
Liberty	0.000%	0.000%	0.000%
Limestone	0.000%	0.000%	0.000%
Lipscomb	0.000%	0.000%	0.000%
Live Oak	0.000%	0.000%	0.000%
Llano	0.000%	0.000%	0.000%
Loving	0.000%	0.000%	0.000%
Lubbock	0.000%	0.000%	0.000%
Lynn	0.000%	0.000%	0.000%
Madison	0.000%	0.000%	0.000%
Martin	0.000%	0.000%	0.000%
Mason	0.000%	0.000%	0.000%
Matagorda	0.000%	0.000%	0.000%
Maverick	0.000%	0.000%	0.000%
Mcculloch	0.000%	0.000%	0.000%
Mclennan	0.000%	0.000%	0.000%
Mcmullen	0.000%	0.000%	0.000%
Medina	2.353%	2.353%	2.353%
Menard	0.000%	0.000%	0.000%
Midland	0.000%	0.000%	0.000%
Milam	0.000%	0.000%	0.000%
Mills	0.000%	0.000%	0.000%
Mitchell	0.000%	0.000%	0.000%
Montague	0.000%	0.000%	0.000%
Montgomery	0.000%	0.000%	0.000%
Moore	0.000%	0.000%	0.000%
Morris	0.000%	0.000%	0.000%
Motley	0.000%	0.000%	0.000%
Nacogdoches	0.000%	0.000%	0.000%
Navarro	0.000%	0.000%	0.000%
Nolan	0.000%	0.000%	0.000%
Nueces	0.000%	0.000%	0.000%
Ochiltree	0.000%	0.000%	0.000%
Oldham	0.000%	0.000%	0.000%
Palo Pinto	0.000%	0.000%	0.000%
Panola	0.000%	0.000%	0.000%
Parker	0.000%	0.000%	0.000%
Parmer	0.000%	0.000%	0.000%
Pecos	0.000%	0.000%	0.000%
Polk	0.000%	0.000%	0.000%
Potter	0.000%	0.000%	0.000%
Presidio	0.000%	0.000%	0.000%
Rains	0.000%	0.000%	0.000%
Randall	0.000%	0.000%	0.000%
Reagan	0.000%	0.000%	0.000%
Real	0.000%	0.000%	0.000%
Red River	0.000%	0.000%	0.000%

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
Reeves	0.000%	0.000%	0.000%
Refugio	0.000%	0.000%	0.000%
Roberts	0.000%	0.000%	0.000%
Robertson	0.000%	0.000%	0.000%
Rockwall	0.000%	0.000%	0.000%
Runnels	0.000%	0.000%	0.000%
Rusk	0.000%	0.000%	0.000%
San Augustine	0.000%	0.000%	0.000%
San Jacinto	0.000%	0.000%	0.000%
San Patricio	0.000%	0.000%	0.000%
San Saba	0.000%	0.000%	0.000%
Schleicher	0.000%	0.000%	0.000%
Scurry	0.000%	0.000%	0.000%
Shackelford	0.000%	0.000%	0.000%
Shelby	0.000%	0.000%	0.000%
Smith	0.000%	0.000%	0.000%
Somervell	0.000%	0.000%	0.000%
Starr	0.000%	0.000%	0.000%
Stephens	0.000%	0.000%	0.000%
Sterling	0.000%	0.000%	0.000%
Stonewall	0.000%	0.000%	0.000%
Sutton	0.000%	0.000%	0.000%
Swisher	0.000%	0.000%	0.000%
Tarrant	0.000%	0.000%	0.000%
Taylor	0.000%	0.000%	0.000%
Terrell	0.000%	0.000%	0.000%
Terry	0.000%	0.000%	0.000%
Throckmorton	0.000%	0.000%	0.000%
Titus	0.000%	0.000%	0.000%
Tom Green	0.000%	0.000%	0.000%
Travis	0.000%	0.000%	0.000%
Trinity	0.000%	0.000%	0.000%
Tyler	0.000%	0.000%	0.000%
Upshur	0.000%	0.000%	0.000%
Upton	0.000%	0.000%	0.000%
Uvalde	0.000%	0.000%	0.000%
Val Verde	0.000%	0.000%	0.000%
Van Zandt	0.000%	0.000%	0.000%
Victoria	0.000%	0.000%	0.000%
Walker	0.000%	0.000%	0.000%
Waller	0.000%	0.000%	0.000%
Ward	0.000%	0.000%	0.000%
Washington	0.000%	0.000%	0.000%
Webb	0.000%	0.000%	0.000%
Wharton	0.000%	0.000%	0.000%
Wheeler	0.000%	0.000%	0.000%

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>	<i>Estimated from the acres of Karst Zone 1 or 2 (Veni 2003) within Medina County.</i>
Wichita	0.000%	0.000%	0.000%
Wilbarger	0.000%	0.000%	0.000%
Willacy	0.000%	0.000%	0.000%
Williamson	0.000%	0.000%	0.000%
Wilson	0.000%	0.000%	0.000%
Winkler	0.000%	0.000%	0.000%
Wise	0.000%	0.000%	0.000%
Wood	0.000%	0.000%	0.000%
Young	0.000%	0.000%	0.000%
Zapata	0.000%	0.000%	0.000%
Zavala	0.000%	0.000%	0.000%
TOTAL Plan Area	0.012%	0.012%	0.012%