**Supplemental Table B. List of samples used for traditional morphology and geometric morphometrics for *Senticolis triaspis*.** 1 Museum codes following Sabaj (2020), except on indicated exceptions. \* Acronym follows institutional website for Museum of Vertebrate Zoology, University of California Berkeley (MVZ) and Museum of Natural History, University of Colorado Boulder (UCM).

| **Museum ID1** | **Subspecies** | **Country** | **State** | **Locality** | **Traditional morphometrics** | | **Geometric morphometrics** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AMNH-R100629 | *intermedia* | USA | Arizona | Chiricahua Mountains, Cave Creek Canyon, 2 mi E Southwest Research station | | X |  |
| AMNH-R101059 | *intermedia* | Mexico | Yucatan | Merida | | X | X |
| AMNH-R107356 | *intermedia* | USA | Arizona | Portal Rd., 2 mi E of Southwest Research Station | | X | X |
| AMNH-R107357 | *intermedia* | USA | Arizona | Chiricahua Mountains, Cave Creek Canyon | | X | X |
| AMNH-R111179 | *intermedia* | USA | Arizona | Chiricahua Mountains, Cave Creek Canyon, 1.2 mi (rd) W South Fork Junction | | X | X |
| AMNH-R133354 | *intermedia* | USA | Arizona | Chiricahua Mountains, Coronado National Forest, Cave Creek Canyon, Stewart Camp ground | | X | X |
| AMNH-R133355 | *intermedia* | USA | Arizona | Southwestern Research station, Chiricahua Mts, Cave Creek Canyon | | X | X |
| AMNH-R138483 | *intermedia* | USA | Arizona | Chiricahua Mts, 1.8 mi E Southwestern Research Station | | X | X |
| AMNH-R138485 | *intermedia* | USA | Arizona | Cave Creek Canyon, Chiricahua Mts. 4.4 km (linear) SW Portal | | X | X |
| AMNH-R143048 | *intermedia* | USA | Arizona | Chiricahua Mtns, S of Cave Creek, 0.6 mi S, 0.9 mi W Portal | | X | X |
| AMNH-R158421 | *intermedia* | Mexico | Nayarit | 6.6 mi E San Blas | | X | X |
| AMNH-R64501 | *intermedia* | Mexico | Colima | Colima | | X | X |
| AMNH-R65119 | *intermedia* | Mexico | Oaxaca | Top Guiengola, Tehuantepec | | X | X |
| AMNH-R65891 | *intermedia* | Mexico | Oaxaca | Tehuantepec, Quiengola | | X | X |
| AMNH-R73743 | *intermedia* | USA | Arizona | 1 mi E Reed's Ranch, Cave Cr, Chiricahua Mts. | | X | X |
| AMNH-R74724 | *intermedia* | USA | Arizona | Cave Creek, Chiricahua Mtns | | X | X |
| AMNH-R80591 | *intermedia* | Mexico | Nayarit | 5 mi W of Buenos Aires, on road W of Tepic | | X | X |
| AMNH-R80809 | *intermedia* | Mexico | Chihuahua | near La Plovosa | | X | X |
| AMNH-R85010 | *intermedia* | USA | Arizona | 3/16 mi W Camp Stewart, Chiricahua Mts. | | X | X |
| AMNH-R87588 | *intermedia* | Mexico | Sinaloa | 11 mi S of Coyotitlán | | X | X |
| AMNH-R88658 | *intermedia* | USA | Arizona | Cave Creek Canyon 4 mi W of Portal | | X | X |
| AMNH-R91590 | *intermedia* | USA | Arizona | Portal | | X | X |
| AMNH-R91616 | *intermedia* | USA | Arizona | Southwestern Research Station | | X |  |
| AMNH-R94848 | *intermedia* | USA | Arizona | 2 mi E of Southwest Research Station | | X | X |
| AMNH-R94849 | *intermedia* | USA | Arizona | Chiricahua Mts, Cave Creek Canyon | | X | X |
| AMNH-R96621 | *intermedia* | Mexico | Guanajuato | 3 mi E of Yuriria | | X | X |
| AMNH-R98478 | *intermedia* | USA | Arizona | 4 mi W of Portal | | X |  |
| CAS-134052 | *intermedia* | Mexico | Sinaloa | On Rte 15, 3 miles S of La Cruz | | X | X |
| CAS-154148 | *triaspis* | Mexico | Quintana Roo | 36 km N (by road) of Puerto Morelos | | X |  |
| CAS-169556 | *intermedia* | Mexico | Oaxaca | Mex. 189, ca 15 miles N of Mex. 190 | | X | X |
| CAS-191060 | *intermedia* | Mexico | Chiapas | W of Tuxtla Gutierrez, along stream at Rancho Cruz Ancha below Berriozebal | | X | X |
| CAS-23828 | *intermedia* | Mexico | Sinaloa | 16.4 miles S of Rio San Lorenzo via Hwy 15 | | X |  |
| CAS-23830 | *intermedia* | Mexico | Sinaloa | 7.9 miles W of Concordia via Hwy 40 | | X | X |
| CAS-23831 | *intermedia* | Mexico | Sinaloa | 7.6 miles W of Concordia via Hwy 40 | | X | X |
| CAS-95827 | *intermedia* | Mexico | Nayarit | 3.0 miles E of San Blas | | X | X |
| CM-45296 | *triaspis* | Mexico | Yucatan | Peto | | X | X |
| CM-45701 | *triaspis* | Mexico | Quintana Roo | pueblo nuevo de X-Can | | X | X |
| CM-45702 | *triaspis* | Mexico | Quintana Roo | pueblo nuevo de X-Can | | X |  |
| CM-45704 | *triaspis* | Mexico | Quintana Roo | pueblo nuevo de X-Can | | X | X |
| CM-45709 | *triaspis* | Mexico | Quintana Roo | pueblo nuevo de X-Can | | X |  |
| CM-46827 | *triaspis* | Mexico | Quintana Roo | X-Can | | X | X |
| CM-46871 | *triaspis* | Mexico | Quintana Roo | X-Can | | X | X |
| CM-46872 | *triaspis* | Mexico | Quintana Roo | X-Can | | X | X |
| CM-46873 | *triaspis* | Mexico | Quintana Roo | X-Can | | X | X |
| CM-46874 | *triaspis* | Mexico | Quintana Roo | X-Can | | X | X |
| CM-46998 | *triaspis* | Mexico | Yucatan | Merida | | X | X |
| CM-47036 | *triaspis* | Mexico | Quintana Roo | X-Can | | X | X |
| CM-48468 | *intermedia* | USA | Arizona | Chiricahua mountains, Cave Creek Canyon, Stewart Campground | | X | X |
| CM-49070 | *triaspis* | Mexico | Quintana Roo | pueblo nuevo de X-Can | | X | X |
| CM-49137 | *triaspis* | Mexico | Quintana Roo | pueblo nuevo de X-Can | | X |  |
| CM-49168 | *triaspis* | Mexico | Quintana Roo | pueblo nuevo de X-Can | | X |  |
| CM-49639 | *triaspis* | Mexico | Yucatan | Piste | | X | X |
| CM-49644 | *triaspis* | Mexico | Yucatan | Piste | | X | X |
| CM-49646 | *triaspis* | Mexico | Yucatan | Piste | | X | X |
| CM-69058 | *intermedia* | Mexico | Nayarit | 3 miles E of San Blas | | X | X |
| CM-69059 | *mutabilis* | Honduras | Colon | Trujillo | | X | X |
| CNAR-10210 | *intermedia* | Mexico | Guerrero | Acahuizotla | | X |  |
| CNAR-12983 | *intermedia* | Mexico | Oaxaca | Arroyo de Agua Tibia, cerca de la Poza de Raúl | | X |  |
| CNAR-15459 | *intermedia* | Mexico | Sonora | 8.05 km, O de Alamos | | X |  |
| CNAR-3196 | *intermedia* | Mexico | Jalisco | Chamela | | X |  |
| CNAR-4297 | *intermedia* | Mexico | Oaxaca | finca San José Progreso | | X |  |
| CNAR-5002 | *intermedia* | Mexico | Morelos | Jiquilpan | | X |  |
| CNAR-521 | *intermedia* | Mexico | Morelos | Tetecala, Morelos | | X |  |
| CNAR-6395 | *intermedia* | Mexico | Guerrero | Xochipala | | X |  |
| CNAR-757 | *intermedia* | Mexico | Morelos | Cuernavaca, Morelos | | X |  |
| FMNH-153500 | *triaspis* | Mexico | Yucatan | Dzibilchaltun | | X | X |
| FMNH-153525 | *triaspis* | Mexico | Yucatan | Chichen Itza | | X | X |
| FMNH-36109 | *triaspis* | Mexico | Yucatan | Libre Union | | X |  |
| FMNH-38293 | *intermedia* | Mexico | Guerrero | Chilpancingo | | X | X |
| KU-174182 | *mutabilis* | Nicaragua | Esteli | 15 km on rd to Sebaco | | X | X |
| KU-174183 | *mutabilis* | Nicaragua | Matagalpa | 10 km S Matagalpa | | X | X |
| KU-63735 | *intermedia* | Mexico | Chihuahua | Urique | | X |  |
| KU-73504 | *intermedia* | Mexico | Sinaloa | 26 mi S Culiacan | | X | X |
| KU-78938 | *intermedia* | Mexico | Sinaloa | 19.2 km NE Santa Lucia on Hwy 40 | | X | X |
| KU-80749 | *intermedia* | Mexico | Jalisco | 2.6 mi E Etzatlan | | X | X |
| KU-86192 | *mutabilis* | Nicaragua | Matagalpa | 12 km N Sebaco | | X | X |
| LACM-103797 | *intermedia* | Mexico | Nayarit | Hwy 46, 21.7 mi San Blas | | X |  |
| LACM-103799 | *intermedia* | Mexico | Sinaloa | near Santa Lucia | | X | X |
| LACM-103801 | *intermedia* | Mexico | Sonora | Guaymas | | X | X |
| LACM-133851 | *intermedia* | USA | Arizona | 2 mi NW Portal | | X | X |
| LACM-136919 | *intermedia* | Mexico | Nayarit | On Hwy 15, 1 mi NW of Acaponeta | | X | X |
| LACM-155094 | *intermedia* | USA | Arizona | Mile Marker 383 on Hwy 80 | | X |  |
| LACM-27740 | *intermedia* | USA | Arizona | Chiricahua Mountains, 2.5 miles SW Portal | | X |  |
| LACM-6821 | *intermedia* | Mexico | Sinaloa | Hwy 15, 12.4 mi N La Cruz turnoff | | X | X |
| LACM-6823 | *intermedia* | Mexico | Sinaloa | Hwy 15, 7.5 mi S San Ignacio turnoff | | X |  |
| LACM-6826 | *intermedia* | Mexico | Sinaloa | 95.2 mi N Mazatlan | | X | X |
| LACM-6827 | *intermedia* | Mexico | Sinaloa | 42.5 mi N Culiacan | | X | X |
| LACM-6828 | *intermedia* | Mexico | Sinaloa | Hwy 15, 15.2 mi S La Cruz turnoff | | X | X |
| LACM-6829 | *intermedia* | Mexico | Sinaloa | 4 mi S Terreros | | X | X |
| LACM-6830 | *intermedia* | Mexico | Sinaloa | 22.8 mi E Hwy 15, Durango Rd | | X | X |
| LACM-6831 | *intermedia* | Mexico | Sinaloa | 33.3 mi N Mazatlan | | X | X |
| LACM-8481 | *intermedia* | Mexico | Oaxaca | 2 miles N of Chiapas border | | X | X |
| MCZ-37156 | *intermedia* | Mexico | Colima | Colima, Mexico | | X |  |
| MCZ-42656 | *intermedia* | Mexico | Guerrero | Omiltemi, Guerrero, Mexico | | X |  |
| MVZ-146951\* | *intermedia* | Mexico | Sinaloa | road to Badiraguato, 0.4 mi NE El Camichón. | | X | X |
| MVZ-229700\* | *intermedia* | USA | Arizona | ca. 2 mi W Portal on road to Paradise | | X | X |
| MVZ-40414\* | *mutabilis* | El Salvador | San Miguel | Lake Olomega | | X | X |
| MVZ-45081\* | *intermedia* | Mexico | Guerrero | near Chilpancingo de los Bravos | | X | X |
| MVZ-57261\* | *intermedia* | Mexico | Oaxaca | San Pedro Totolapan | | X | X |
| MVZ-67919\* | *intermedia* | USA | Arizona | 0.2 mi SW (by road) Camp Stewart, Chiricahua Mts. | | X | X |
| MVZ-72609\* | *intermedia* | Mexico | Colima | 5-10 mi E San Blas | | X | X |
| MVZ-76132\* | *intermedia* | Mexico | Sinaloa | 29 mi N Mazatlán, Mexico Rte. 15 | | X | X |
| MVZ-78016\* | *intermedia* | USA | Arizona | Box Canyon, Santa Rita Mts. | | X | X |
| MZFC-17059 | *intermedia* | Mexico | Guerrero | Carretera Chacalapa de Bravo - Tierra Colorada | | X |  |
| MZFC-21889 | *intermedia* | Mexico | Jalisco | Chamela | | X |  |
| MZFC-22886 | *intermedia* | Mexico | Veracruz | Road Coscomatepec-Xalapa | | X |  |
| MZFC-5085 | *intermedia* | Mexico | Hidalgo | RIO SAN JUAN, LA VEGA, LIMITE HGO.-QRO. | | X |  |
| TCWC-11617 | *intermedia* | Mexico | Guerrero | 1 mi SW Tixtla de Guerrero | | X |  |
| TCWC-12650 | *intermedia* | Mexico | Guerrero | 4 mi N El Ocotito | | X | X |
| TCWC-12651 | *intermedia* | Mexico | Guerrero | 20 mi NNE Iguala | | X | X |
| TCWC-17181 | *mutabilis* | Guatemala | Jutiapa | 7 km S, 22 km W Jutiapa | | X | X |
| TCWC-17182 | *intermedia* | Mexico | Chiapas | 4 mi NE Chiapa de Corzo, km marker 1110 | | X | X |
| TCWC-21381 | *intermedia* | Mexico | Veracruz | Hwy 180, 14 mi S Catemaco | | X | X |
| TCWC-28945 | *intermedia* | Mexico | Tamaulipas | 37.9 mi N Ciudad Mante | | X |  |
| TCWC-59964 | *intermedia* | Mexico | San Luis Potosi | 5.5 mi S, 1.4 mi E Valles; Rancho Tinaja | | X | X |
| TCWC-7432 | *intermedia* | Mexico | Guerrero | Acahuizotla | | X | X |
| TCWC-7501 | *intermedia* | Mexico | Guerrero | Acahuizotla | | X | X |
| UCM-40229 | *triaspis* | Mexico | Yucatan | Merida | | X | X |
| UCM-41171\* | *intermedia* | Mexico | Oaxaca | Sierra Madre, NW Zanatepec | | X |  |
| UCM-41690\* | *triaspis* | Mexico | Quintana Roo | Delg. Cozumel, X-can Nuevo | | X | X |
| UCM-42307\* | *intermedia* | Mexico | San Luis Potosi | 10 km W of Micos | | X |  |
| UCM-52561\* | *intermedia* | Mexico | Oaxaca | District Tehuantepec, Guiengola, 3,000+ ft. elev. | | X |  |
| UCM-9104\* | *intermedia* | Mexico | Oaxaca | Monte Alban, 5 mi. north Oaxaca | | X | X |
| UMMZ-113601 | *triaspis* | Mexico | Quintana Roo | Felipe Carillo Puerto | | X |  |
| UMMZ-113602 | *triaspis* | Mexico | Quintana Roo | Felipe Carillo Puerto | | X |  |
| UMMZ-116511 | *mutabilis* | Nicaragua | Matagalpa | 2 mi E of San Ramon | | X |  |
| UMMZ-118944 | *intermedia* | Mexico | Durango | 57 road miles NE of El Salto, aproximadamente 10 mi SW of Durango | | X | X |
| UMMZ-119774 | *intermedia* | Mexico | Veracruz | 3 km NE San Andres slope above laguna Encantada | | X | X |
| UMMZ-68235 | *triaspis* | Mexico | Yucatan | Chichen Itza | | X | X |
| UMMZ-80210 | *intermedia* | Mexico | Colima | Colima | | X | X |
| UMMZ-82570 | *intermedia* | Mexico | Oaxaca | Mixtequilla mountain 6 leagues N Tehuantepec | | X | X |
| UMMZ-99759 | *intermedia* | Mexico | Michoacan | 10 mi S Tacambaro along Rio de La Alberca near Chuipio | | X | X |
| UTA-12280 | *intermedia* | Mexico | Oaxaca | 19 km NW de Rizo de Oro (chiapas) | | X | X |
| UTA-25377 | *mutabilis* | Honduras |  |  | | X | X |
| UTA-28489 | *mutabilis* | Guatemala | Zacapa | San Diego, Aldea Santa Elena, Quebrada Los Chorros | | X | X |
| UTA-33065 | *mutabilis* | Guatemala | Progreso | W of El Rancho on Guat Hwy 17 | | X | X |
| UTA-33066 | *mutabilis* | Guatemala | Zacapa | Sierra del Merendón, Km 5.5 on road Gualán to Finca San Enrique | | X | X |
| UTA-37231 | *mutabilis* | Guatemala | Guatemala | Palencia, Interseccion of Platanos and road to Palencia | | X | X |
| UTA-37232 | *mutabilis* | Guatemala | Santa Rosa | SE Guatemala City, km 57 on CA-1 | | X | X |
| UTA-38150 | *mutabilis* | Guatemala | Escuintla | La Democracia, Finca Villa Laura | | X |  |
| UTA-4669 | *intermedia* | Mexico | Sinaloa | 8 mi W of Concordia | | X | X |
| UTA-4896 | *intermedia* | Mexico | Sinaloa | Concordia | | X | X |
| UTA-52973 | *intermedia* | Mexico | Queretaro | Carretera El Lobo- San Juan del Rio Hwy 120. | | X | X |
| UTA-53495 | *intermedia* | Mexico | Michoacan | Carretera de Mex 200 Racia Aguila | | X | X |
| UTA-5567 | *mutabilis* | Guatemala | Alta Verapaz | 13 mi W San Cristóbal Verapaz | | X | X |
| UTA-57660 | *intermedia* | Mexico | Guerrero | Road between Huitzuco and Hwy 95 via northern fork | | X | X |
| UTA-57792 | *intermedia* | Mexico | Colima | Ixtlahuacan road | | X | X |
| UTA-57793 | *intermedia* | Mexico | Colima | Minatitlán road | | X | X |
| UTA-57795 | *intermedia* | Mexico | Colima | Ixtlahuacan road | | X |  |