**MST1**

Composición de especies de vertebrados silvestres atropellados en un tramo carretero de la costa del Pacífico sur mexicano

**SMT1**

Species composition of roadkill wild vertebrates in a highway section of the Mexican south Pacific coast

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Clase | Nom | End | N° ind atropellados | TM (atropellos x día) | TM x km (atropellos/día/km) |
| Orden |
| Familia |
| Especie |
| Amphibia |  |  |  |  |  |
| Anura |  |  |  |  |  |
| Bufonidae |  |  |  |  |  |
| *Incilius marmoreus* |  | En | 3 | 0.162 | 0.006 |
| *Rhinella horribilis* |  |  | 19 | 1.023 | 0.04 |
| Hylidae |  |  |  |  |  |
| *Smilisca baudinii* |  |  | 3 | 0.162 | 0.006 |
| Phyllomedusidae |  |  |  |  |  |
| *Agalychnis dacnicolor* |  | En | 1 | 0.054 | 0.002 |
| Reptilia |  |  |  |  |  |
| Squamata |  |  |  |  |  |
| Iguanidae |  |  |  |  |  |
| *Iguana iguana* | Pr |  | 3 | 0.162 | 0.006 |
| *Ctenosaura pectinata* | A | En | 1 | 0.054 | 0.002 |
| Phrynosomatidae |  |  |  |  |  |
| *Sceloporus* sp. |  |  | 1 | 0.054 | 0.002 |
| Teiidae |  |  |  |  |  |
| *Aspidoscelis guttata* |  | En | 1 | 0.054 | 0.002 |
| Boidae |  |  |  |  |  |
| *Boa imperator* | A |  | 5 | 0.27 | 0.01 |
| Colubridae |  |  |  |  |  |
| *Coluber mentovarius* |  |  | 4 | 0.215 | 0.008 |
| *Trimorphodon biscutatus* |  |  | 1 | 0.054 | 0.002 |
| Dipsadidae |  |  |  |  |  |
| *Leptodeira maculata* |  | En | 1 | 0.054 | 0.002 |
| Viperidae |  |  |  |  |  |
| *Agkistrodon bilineatus* | Pr |  | 1 | 0.054 | 0.002 |
| *Crotalus culminatus* | Pr | En | 1 | 0.054 | 0.002 |
| *Crotalus* sp. |  |  | 1 | 0.054 | 0.002 |
| Emydidae |  |  | 3 | 0.162 | 0.006 |
| Testudines |  |  |  |  |  |
| Geoemydidae |  |  |  |  |  |
| *Rhinoclemmys pulcherrima* | A |  | 2 | 0.108 | 0.004 |
|  |  |  |  |  |  |
| Aves |  |  |  |  |  |
| Columbiformes |  |  |  |  |  |
| Columbidae |  |  |  |  |  |
| *Columba livia* |  |  | 1 | 0.054 | 0.002 |
| *Columbina inca* |  |  | 1 | 0.054 | 0.002 |
| *Zenaida asiatica* |  |  | 1 | 0.054 | 0.002 |
| Cuculiformes |  |  |  |  |  |
| Cuculidae |  |  |  |  |  |
| *Crotophaga sulcirostris* |  |  | 3 | 0.162 | 0.006 |
| Caprimulgiformes |  |  |  |  |  |
| Caprimulgidae |  |  |  |  |  |
| *Nyctidromus albicollis* |  |  | 2 | 0.108 | 0.004 |
| Passeriformes |  |  |  |  |  |
| Tyrannidae |  |  |  |  |  |
| *Myiozetetes similis* |  |  | 1 | 0.054 | 0.002 |
| Icteridae |  |  |  |  |  |
| *Icterus pustulatus* |  |  | 1 | 0.054 | 0.002 |
| *Quiscalus mexicanus* |  |  | 6 | 0.323 | 0.012 |
| Passeridae |  |  |  |  |  |
| *Passer domesticus* |  |  | 1 | 0.054 | 0.002 |
| Mammalia |  |  |  |  |  |
| Didelphimorphia |  |  |  |  |  |
| Didelphidae |  |  |  |  |  |
| *Didelphis virginiana* |  |  | 17 | 0.916 | 0.034 |
| Cingulata |  |  |  |  |  |
| Dasypodidae |  |  |  |  |  |
| *Dasypus novemcinctus* |  |  | 4 | 0.215 | 0.008 |
| Chiroptera |  |  |  |  |  |
| Noctilionidae |  |  |  |  |  |
| *Noctilio leporinus* |  |  | 1 | 0.054 | 0.002 |
| Rodentia |  |  |  |  |  |
| Sciuridae |  |  |  |  |  |
| *Sciurus aureogaster* |  |  | 2 | 0.108 | 0.004 |
| Erethizontidae |  |  |  |  |  |
| *Coendou mexicanus* | A |  | 1 | 0.054 | 0.002 |
| Muridae |  |  |  |  |  |
| *Mus musculus* |  |  | 1 | 0.054 | 0.002 |
| *Rattus rattus* |  |  | 1 | 0.054 | 0.002 |
| Carnivora |  |  |  |  |  |
| Felidae |  |  |  |  |  |
| *Herpailurus yagouaroundi* | A |  | 2 | 0.108 | 0.004 |
| Mephitidae |  |  |  |  |  |
| *Conepatus leuconotus* |  |  | 7 | 0.377 | 0.014 |
| *Spilogale pygmaea* | A |  | 1 | 0.054 | 0.002 |
| Procyonidae |  |  |  |  |  |
| *Nasua narica* |  |  | 4 | 0.215 | 0.008 |
| *Procyon lotor* |   |   | 11 | 0.593 | 0.022 |

NOM-059 (Nom): sujeta a protección especial (Pr), amenazada (A). Endemismo (End): Endémico de México (En).

NOM-059 (Nom): special protection (Pr), threatened (A). Endemism (End): endemic to Mexico (En).

**MST2**

Resultados de la prueba U de Mann-Whitney de la tasa de mortalidad de cada grupo taxonómico entre secas y lluvias en un tramo carretero de 27 km en la costa del Pacífico sur mexicano, 2021-2022

**SMT2**

Results of the Mann-Whitney U test for the mortality rate of each taxonomic group among dry and rainy in a road section of 27 km in the Mexican Southern Pacific coast, 2021-2022

|  |  |  |  |
| --- | --- | --- | --- |
| Grupo taxonómico | Rango promedio | U | P |
| Secas | Lluvias |
| Anfibios | 4.58 | 8.42 | 29.5 | 0.058 |
| Aves | 5.33 | 7.67 | 25 | 0.273 |
| Mamíferos | 6.33 | 6.67 | 19 | 0.931 |
| Reptiles | 5.50 | 7.50 | 24 | 0.370 |

Valores significativos (P < 0.05).

Significant values (P < 0.05).

**MSF1**

Agregaciones de mortalidad de A) anfibios, B) reptiles, C) aves y D) mamíferos atropellados en un tramo carretero de 27 km en la costa del Pacífico sur mexicano, 2021-2022

**SMF1**

Mortality aggregations of A) amphibians, B) reptiles, C) birds, and D) mammals’ roadkill in a road section of 27 km in the Mexican Southern Pacific coast, 2021-2022



La línea azul representa la intensidad de agregación y el área gris los límites de confianza al 95 %. Existen agregaciones significativas de eventos de mortalidad en carretera si la línea azul supera el límite de confianza superior. Los valores por debajo de límites de confianza indican escalas con una dispersión significativa.

The blue line denotes the aggregation intensity, and the gray area represents the 95 % confidence limits. Values above confidence limit indicate significant aggregations, and values below confidence limits indicate scales with significant dispersion of road mortality events.

**MSF2**

Distribución espacial de los puntos calientes para los A) anfibios, B) reptiles, C) aves, D) mamíferos atropellados en un tramo carretero de 27 km en la costa del Pacífico sur mexicano, 2021-2022

**SMF2**

Spatial distribution of roadkill’ hotspots for A) amphibians, B) reptiles, C) birds, and D) mammals in a 27 km road section of the Mexican Southern Pacific coast, 2021-2022

