

Supplementary Table 1. List of fauna from T rapa, Sonora, Mexico. References provided in Notes. Mammals discussed in text are in bold (TR, this report); identifications are updated from Mead et al. (2006).

| Group | Order | Family | Species | Notes |
|-----------|------------------|-------------------|-----------------------------------|-------|
| Ostracoda | Podocopida | Candonidae | <i>Fabaeformiscandona caudata</i> | 1 |
| | | Cyprididae | <i>Physocypris pustulosa</i> | 1 |
| | | | <i>Chlamydotheca arcuate</i> | 1 |
| | | | <i>Cypridopsis vidua</i> | 1 |
| | | | <i>Eucypris meadensis</i> | 1 |
| | | | <i>Pelocypris</i> cf. | 1 |
| | | | <i>P. tuberculatum</i> | |
| | | | <i>Potamocypris</i> sp. | 1 |
| | | | <i>Heterocypris incongruens</i> | 1 |
| | | | <i>Stenocypris</i> sp. | 1 |
| | | Darwinulidae | <i>Darwinula stevensoni</i> | 1 |
| | | Ilyocyprididae | <i>Ilyocypris bradyi</i> | 1 |
| | | Limnocytheridae | <i>Limnocythere paraornata</i> | 1 |
| Mollusca | | | | 2 |
| Teleostei | | | | 3 |
| Amphibia | Anura | | | 4 |
| | Caudata | Amystomatidae | <i>Ambystoma</i> sp. | 5 |
| Reptilia | Crocodylia | Crocodylidae | <i>Crocodylus</i> sp. | 6 |
| | Squamata | | | 7 |
| | Testudines | | | 8 |
| Aves | Podicipediformes | Podicipedidae | <i>Podilymbus podiceps</i> | 9 |
| | | | <i>Podiceps nigricollis</i> | 9 |
| | Pelecaniformes | Pelecanidae | <i>Pelecanus erythrorhynchus</i> | 9 |
| | | Phalacrocoracidae | <i>Phalacrocorax auritus</i> | 9 |
| | | Ardeidae | <i>Ardea herodias</i> | 9 |
| | | | <i>Ardea alba</i> | 9 |
| | | | <i>Plegadis</i> cf. | 9 |
| | Ciconiiformes | Threskiornithidae | <i>P. chihi</i> | |
| | | | indeterminate | 9 |
| | Anseriformes | Anatidae | <i>Branta canadensis</i> | 9 |
| | | | <i>Anser</i> sp. | 9 |
| | | | <i>Anabernicula</i> cf. | 9 |
| | | | <i>A. oregonensis</i> | |
| | | | <i>Anas crecca</i> | 9 |
| | | | <i>Anas platyrhynchos/diazi</i> | 9 |
| | | | <i>Anas acuta</i> | 9 |
| | | | <i>Anas strepera</i> | 9 |
| | | | <i>Anas clypeata</i> | 9 |

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|----------|-----------------|--------------------|---------------------------------------|-----------|
| | | | <i>Anas discors/cyanoptera</i> | 9 |
| | Accipitriformes | Accipitridae | <i>Circus cyaneus</i> | 9 |
| | | | <i>Ictinia</i> sp. | 9 |
| | | | <i>Buteogallus daggetti</i> | 9 |
| | | | <i>Aquila chrysaetos</i> | 9 |
| | Falconiformes | Falconidae | <i>Caracara cheriway</i> | 9 |
| | Galliformes | Odontophoridae | <i>Callipepla douglasii</i> | 9 |
| | Gruiformes | Rallidae | <i>Porzana Carolina</i> | 9 |
| | | | <i>Gallinula chloropus</i> | 9 |
| | | | <i>Porphyrio martinicus</i> | 9 |
| | | | <i>Fulica</i> cf. <i>F. americana</i> | 9 |
| | Charadriiformes | Charadriidae | <i>Charadrius vociferus</i> | 9 |
| | Strigiformes | Strigidae | <i>Strix brea</i> | 9 |
| | Passeriformes | Icteridae | <i>Agelaius phoeniceus</i> | 10 |
| | | | <i>Xanthocephalus xanthocephalus</i> | 10 |
| | | | <i>Euphagus cyanocephalus</i> | 10 |
| | | | <i>Quiscalus mexicanus</i> | 10 |
| | | | <i>Pandanaris convexa</i> | 10 |
| | | | <i>Molothrus ater</i> | 10 |
| | | | <i>Molothrus aeneus</i> | 10 |
| | | | <i>Icterus spurius</i> | 10 |
| Mammalia | Chiroptera | Vespertilionidae | <i>Lasiurus</i> sp. | 11 |
| | | | <i>Antrozous pallidus</i> | 11 |
| | | | <i>Myotis</i> sp. | 11 |
| | | Molossidae | <i>Tadarida brasiliensis</i> | 11 |
| | Soricomorpha | Soricidae | <i>Notiosorex</i> sp. | 11 |
| | Xenarthra | Glyptodontidae | <i>Glyptotherium cylindricum</i> | 12 |
| | | Pampatheriidae | <i>Pampatherium</i> cf. | 12 |
| | | | <i>P. mexicanum</i> | |
| | Artiodactyla | Antilocapridae | <i>Capromeryx</i> sp. | 6 |
| | | | <i>Stockocerus</i> sp. | 6 |
| | | Bovidae | <i>Bison</i> sp. | 6 |
| | | Camelidae | Camelops hesternus | TR |
| | | | Palaeolama mirifica | TR |
| | | Cervidae | cf. <i>Odocoileus</i> | 6 |
| | | Tayassuidae | Platygonus cf. | TR |
| | | | P. compressus | |
| | Carnivora | Canidae | Canis dirus | TR |
| | | Felidae | Lynx rufus | TR |
| | | | Smilodon cf. <i>S. fatalis</i> | TR |
| | | Procyonidae | Procyon lotor | TR |
| | Lagomorpha | Leporidae | cf. <i>Sylvilagus</i> | 6 |
| | Rodentia | Geomyidae | Indeterminate | 6 |
| | | Hydrochaeridae | <i>Nechoerus</i> sp. | 6 |
| | | Cricetidae | <i>Neotoma</i> sp. | 6 |
| | | | <i>Sigmodon</i> sp. | 6 |

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|----------------|-----------------|----------------------------|-----------|
| Perissodactyla | Equidae | <i>Equus scotti</i> | TR |
| | | <i>Equus cf. E. scotti</i> | TR |
| | | <i>Equus sp.</i> | TR |
| Proboscidea | Gomphotheriidae | <i>Cuvieronius sp.</i> | 13 |
| | Elephantidae | <i>Mammuthus sp.</i> | 13 |

Notes:

1. Bright et al., 2016
2. Mollusks not fully identified but contains sphaerid clams, terrestrial and freshwater snails.
3. Fish remains are the most abundant vertebrate fossil recovered from Térapa, but have yet to be analyzed.
4. Anurans are the next most abundant fossils to fish, and have yet to be identified.
5. Mead, In press, Late Pleistocene salamander (Ambystomatidae; Caudata; Amphibia) from Térapa, Sonora, Mexico
6. Mead et al., 2006
7. Multiple snakes and lizards are known and are being analyzed.
8. At least four forms of turtles and tortoises are known and are in the process of being published.
9. Steadman and Mead 2010
10. Oswald and Steadman 2011
11. Czaplewski et al. 2014
12. Mead et al. 2007
13. Mead et al. 2019