**Supplemental Table 1A**. Pairwise *FST* calculated from microsatellites across Rio Grande Sucker sampling localities cross-listed in Table 1 and Figure 1. Abbreviations: SAC = SA Creek, CFC = Centerfire Creek, SFR = San Francisco River, SAP = Sapillo Creek, MIM = Mimbres River, ALC = Alamosa Creek, JEM = Jemez River. Numbers reflect the sampling year (e.g., 13 = 2013).

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  SAC13 |  CFC13 |  SFR13 |  SFR14 |  SAP13 |  SAP14 |  MIM13 |  ALC14 |  JEM13A |  JEM13B |
| SAC13 | \* |  |  |  |  |  |  |  |  |  |
| CFC13 | 0.020 | \* |  |  |  |  |  |  |  |  |
| SFR13 | 0.054 | 0.040 | \* |  |  |  |  |  |  |  |
| SFR14 | 0.014 | 0.010 | 0.027 | \* |  |  |  |  |  |  |
| SAP13 | 0.085 | 0.059 | 0.106 | 0.064 | \* |  |  |  |  |  |
| SAP14 | 0.084 | 0.056 | 0.083 | 0.050 | -0.001 | \* |  |  |  |  |
| MIM13 | 0.075 | 0.052 | 0.067 | 0.041 | 0.061 | 0.057 | \* |  |  |  |
| ALC14 | 0.264 | 0.241 | 0.24 | 0.263 | 0.336 | 0.333 | 0.258 | \* |  |  |
| JEM13A | 0.326 | 0.332 | 0.292 | 0.336 | 0.414 | 0.407 | 0.315 | 0.228 | \* |  |
| JEM13B | 0.342 | 0.347 | 0.308 | 0.353 | 0.430 | 0.423 | 0.333 | 0.22 | 0.003 | \* |

**Supplemental Table 1B**. Lower (below diagonal) and upper (above diagonal) 95% CIs for pairwise *FST*.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  SAC13 |  CFC13 |  SFR13 |  SFR14 |  SAP13 |  SAP14 |  MIM13 |  ALC14 |  JEM13A |  JEM13B |
| SAC13 | \* | 0.041 | 0.073 | 0.027 | 0.109 | 0.118 | 0.102 | 0.375 | 0.411 | 0.430 |
| CFC13 | 0.002 | \* | 0.08 | 0.017 | 0.076 | 0.075 | 0.069 | 0.346 | 0.430 | 0.448 |
| SFR13 | 0.03 | 0.017 | \* | 0.043 | 0.159 | 0.121 | 0.103 | 0.358 | 0.410 | 0.431 |
| SFR14 | 0.0001 | 0.002 | 0.013 | \* | 0.093 | 0.087 | 0.059 | 0.39 | 0.438 | 0.459 |
| SAP13 | 0.056 | 0.04 | 0.065 | 0.04 | \* | 0.014 | 0.084 | 0.432 | 0.512 | 0.542 |
| SAP14 | 0.048 | 0.038 | 0.051 | 0.027 | -0.012 | \* | 0.09 | 0.429 | 0.503 | 0.534 |
| MIM13 | 0.042 | 0.037 | 0.036 | 0.021 | 0.041 | 0.029 | \* | 0.37 | 0.402 | 0.428 |
| ALC14 | 0.147 | 0.131 | 0.122 | 0.13 | 0.238 | 0.233 | 0.147 | \* | 0.299 | 0.289 |
| JEM13A | 0.240 | 0.235 | 0.187 | 0.229 | 0.310 | 0.308 | 0.228 | 0.138 | \* | 0.013 |
| JEM13B | 0.255 | 0.238 | 0.197 | 0.243 | 0.309 | 0.308 | 0.236 | 0.123 | -0.009 |  |