The overall goal of the Lower Colorado River Basin GAP is to identify aquatic areas that are in need of conservation. Our hope is that these data can be used by state and federal resource managers to aid in the sampling and conservation efforts in the Basin. The data used in this project are from existing current and historical datasets of fishes as well as large-scale habitat data (e.g., elevation, landcover, hydrography, etc.).

Attached are two tables showing who has committed to contributing species data to this effort. In addition, we attached a series of watershed maps indicating the stream segments where we have data records (from the sources in Tables 1 and 2). Note that these maps are provisional and still need a final error checking.

Please review these maps and if you have any other data sources for aquatic species or habitat that may be helpful please contact us at the address below:

Joanna Whittier  
Kansas Cooperative Fish and Wildlife Research Unit  
205 Leasure Hall, Division of Biology  
Kansas State University  
785-532-1818  
whittier@ksu.edu
Table 1. Organizations that have contributed or who have committed to contributing species data to the Lower Colorado River Basin Gap Analysis Project.

<table>
<thead>
<tr>
<th>Federal Agencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>US Environmental Protection Agency</td>
</tr>
<tr>
<td>US Geological Survey, Grand Canyon Monitoring and Research Center</td>
</tr>
<tr>
<td>US Geological Survey, National Water-Quality Assessment Program</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>State Agencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arizona Game and Fish Department</td>
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<tr>
<td>Arizona Heritage Database Management System</td>
</tr>
<tr>
<td>New Mexico Environment Department</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>SONFISHES</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Museums</th>
</tr>
</thead>
<tbody>
<tr>
<td>Museum of Southwestern Biology, University of New Mexico</td>
</tr>
</tbody>
</table>

Table 2. Online databases of species occurrences where records for the Lower Colorado River Basin have been acquired.

<table>
<thead>
<tr>
<th>Museums</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas Natural History Collection (<a href="http://www.tmm.utexas.edu/tnhc/">http://www.tmm.utexas.edu/tnhc/</a>)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>National Databases</th>
</tr>
</thead>
<tbody>
<tr>
<td>FishNet (<a href="http://speciesanalyst.net/fishnet/">http://speciesanalyst.net/fishnet/</a>)</td>
</tr>
<tr>
<td>Nonindigenous Aquatic Species (<a href="http://nas.er.usgs.gov/">http://nas.er.usgs.gov/</a>)</td>
</tr>
</tbody>
</table>
White and Muddy Rivers and Lake Mead Watersheds

Cities
- Henderson
- Las Vegas
- St. George
- Meadow Valley Wash
- Virgin River

Stream segments with documented fish occurrences

Streams

Main waterways

± 0 12.5 25 50 Kilometers

Muddy River
White River
Yuma
Tucson
Santa Cruz River
San Simon River
San Pedro River
Gila River

Gila River Watersheds

- Cities
- Stream segments with documented fish occurrences
- Streams
- Main waterways

Yuma
Gila River
Santa Cruz River
Tucson
San Pedro River
San Simon River
Black Canyon
Carrizo Creek
Fossil Creek
Oak Creek
Black River
Tonto Creek
Cherry Creek
Phoenix
Prescott
Flagstaff
Verde River
Salt River
Verde and Salt Rivers Watersheds
±

Stream segments with documented fish occurrences
Cities
Streams
Main waterways
Yuma
Tucson
Santa Cruz River
San Simon River
San Pedro River
Gila River
Black Canyon

Gila River Watersheds

- Cities
- Stream segments with documented fish occurrences
- Streams
- Main waterways

Yuma, Tucson, Black Canyon

0.125 - 50 Kilometers
Verde and Salt Rivers Watersheds

- Carrizo Creek
- Fossil Creek
- Oak Creek
- Black River
- Tonto Creek
- Cherry Creek
- Phoenix
- Prescott
- Flagstaff
- Verde River
- Salt River
- Salt and Verde Watersheds

- Cities
- Stream segments with documented fish occurrences
- Streams
- Main waterways