

# Project Information for the CFI Fish Surveys Project

## Project Details

**Principal Investigator:** Patrick L. Rakes

**Project Description:** Primarily visual snorkel surveys of fishes of GSMNP.

**Project Dates:** Start Date: 4/30/2002 End Date:

**Protocol:** Sampling method is principally by observation during snorkeling. Fish counts are estimated during snorkeling so that handling of rare species is minimized.

**Project Notes:** Conservation Fisheries staff primarily rescue, monitor, propagate and release rare fishes for the purpose of reestablishing decimated populations. This dataset represents an extended use of their excellent work.

**Summary:** Surveys of fishes by snorkel search.

## Data Summary

**Data Collection Year(s):** 2006 to 2010

<b>Number of Sites Sampled:</b>	<b>13</b>
<b>Number of Samplings:</b>	<b>15</b>
<b>Number of Orders Identified:</b>	<b>7</b>
<b>Number of Families Identified:</b>	<b>9</b>
<b>Number of Genera Identified:</b>	<b>20</b>
<b>Number of Species Identified:</b>	<b>27</b>
<b>Number of Specimens Identified to Species:</b>	<b>165</b>
<b>Number of Specimens not Identified to Species:</b>	<b>8</b>
<b>Total Number of Individuals Counted (actual or estimated):</b>	<b>4088</b>
<b>Percentage of Major Watersheds Sampled:</b>	<b>4 %</b>