Steven "Steve" J Taylor, PhD

Freelance Biologist, Environmental Consultant, & Data Analyst
217-714-2871   ceuthophilus@gmail.com

Summary: Professional biologist/environmental scientist with 25 years of experience analyzing and interpreting complex data sets, grantsmanship, writing, and publication. Proven track record of developing and implementing innovative data analysis techniques to improve environmental assessments and inform environmental policies. Successful in pursuit of grant funding, funds management, and publication of findings in reports and peer-reviewed publications. I am potentially available for *part-time remote positions* in *biological research, production of graphics for scientific reports and papers, data analysis, and report preparation*.

Education:

PhD in Zoology, Southern Illinois University at Carbondale, 1996. **MS in Biology**, Texas A&M University, 1987. **BA in Biology**, Hendrix College, 1983.

Professional Experience:

- **Colorado College**, Part-time, August 2017 – May 2020
    - Associate Research Professor-Affiliate
- **Illinois Natural History Survey**, Prairie Research Institute, University of Illinois Urbana-Champaign, Full-time, July 1997 – July 2017
    - Senior Conservation Biologist, April 2016 – July 2017
    - Assistant Research Program Leader in Conservation Biology, July 2014 – April 2016
    - Assistant Research Program Leader in Macroinvertebrate Biology, October 2010 – July 2014
    - Aquatic Biologist/Aquatic Zoology Coordinator for the Statewide Biological Survey and Assessment Program, several progressive titles:
        - Macroinvertebrate Biologist: July 2008 – July 2014
        - Research Scientist, November 2007 – June 2008
        - Associate Research Scientist, September 2001 – October 2007
        - Assistant Research Scientist, January 2000 – August 2001
    - Aquatic Entomologist, July 1997 – December 1999

Skills:

- Analyzed & interpreted data sets to identify trends & patterns in environmental data, including water quality, biodiversity, acoustics, & human impacts
- Developed & implemented innovative data analysis techniques to address a wide variety of project objectives for specific audiences (agencies, public, peers, etc.)
- Collaborated with environmental scientists & policy makers to develop & implement research that informed policies & aligned with regulatory needs
- Expertise in data analysis techniques and software, including R, Excel, QGis, Canva, Wordpress, & Adobe Illustrator. Prior experience in SAS, ArcGIS and programming
- Strong understanding of environmental science & policies
- Excellent skills in communication, collaboration, project management & problem-solving
- Strong background in writing scientific papers (more than 100) and reports.
- Experience with power & sailboats (boating resume)

Full CV: https://www.ceuthophilus.org/wp-content/uploads/2024/01/SJTaylor_CV.pdf