Curriculum Vitae

NAME Brandon C. Belcher

Email: BrandoncBelcher@gmail.com

EDUCATION

Associates Degree: AS – Environmental Science

Tyler Junior College, Tyler Texas

Major Subject: Environmental Biology

Graduated May, 2012

Bachelors Degree: BS – Biology

Texas A&M University – Commerce, Commerce Texas

Major Subject: Wildlife and Conservation Sciences

Minor Subject: Environmental Science

Graduated May, 2014

Masters Degree: MS – Biology

Texas A&M University – Commerce, Commerce Texas

Major Subject: Ecology

Research Subject: Ecology of Invasive Plant Species

Graduated December, 2017

PUBLICATIONS

Belcher, Brandon C., and Jeffrey G. Kopachena. "Effects of mowing and prescribed fire on an invasive population of scabiosa atropurpurea (dipsacaceae) in north-central texas." The Southwestern Naturalist 65.3-4 (2022): 258-265.

Reemts, Charlotte, and **Brandon Belcher**. "Making a Good Prairie Better: Plant Diversity Increased in a Formerly Hayed Remnant Prairie Now Managed with Fire." Natural Areas Journal 42.1 (2022): 18-27.

CURRENT ACADEMIC APPOINTMENTS

August 2018 – Present: Texas A&M University – Commerce, Adjunct Instructor, Biological and Environmental Sciences Department. Plant Diversity and Conservation.

PREVIOUS ACADEMIC APPOINTMENTS

Fall 2014 – Graduate Assistant Teacher, Texas A&M University – Commerce; 2 sections Environmental Science and 1 section Geology labs.

Spring 2015 – Graduate Assistant Teacher, Texas A&M University – Commerce; 2 sections Environmental Science and 1 section Hydrology labs.

Fall 2015 – Graduate Assistant Teacher, Texas A&M University – Commerce; 1 section Environmental Science and 1 section Anatomy & Physiology I labs.

Spring 2016 – Graduate Assistant Teacher, Texas A&M University – Commerce; 1 sections Zoology and 1 section Hydrology labs.

RESEARCH BACKGROUND

2014-2017: Masters Degree research component; Advisor Dr. Jeffrey G. Kopachena. Conducted analysis of impacts of fire and mowing management on germination response of *Scabiosa atropurpurea*, an exotic plant invasive to north-central Texas. Focus of study was to determine whether an increase or decrease in plant density might be expected under management regimes common to grassland systems within the region.

2015: Graduate Assistant Researcher, Texas A&M University – Commerce.

2014-Present: Surface Water Flow Study; partnership between The Nature Conservancy (Texas) and Blackland Research Extension Center (Temple, Texas). Ongoing study evaluating the impact of plant diversity and density on the surface water flows within a micro-watershed following large-scale precipitation events. The study compares the intact plant community of Blackland Prairie remnant to restored prairie and to old agricultural field.

OTHER EMPLOYMENT

2016-Present: The Nature Conservancy, North Texas Preserves Manager – Clymer Meadow Preserve; Celeste, Texas.

VOCATIONAL TRAINING

S-130 Introduction to Wildland Firefighting

S-190 Introduction to Wildland Fire Behavior

IS-700 Introduction to National Incident Management Systems

I-100 Introduction to Incident Command System

L-180 Human Factors in Wildland Fire Service

S-131 Firefighter Type 1 / Incident Commander Type 5

ATVO – Fireline ATV Operator

Wildland CPR / First Aid

S-290 Intermediate Wildland Fire Behavior

S-230 Crew Boss, Single Resource

S-231 Engine Boss, Single Resource

S-200 Initial Attack Incident Attack Commander

ENOP – Engine Operator

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Texas Society for Ecological Restoration, 2013-Present

Texas Invasive Plant & Pest Council, 2014-Present

Texas Riparian Association, 2013-Present

Texas Chapter of The Wildlife Society, 2012-Present