

**Peer Review Plan for the
Draft Species Status Assessment for
Diamond Tryonia (*Pseudotryonia adamantina*)
Gonzales Tryonia (*Tryonia circumstriata*)
Pecos Amphipod (*Gammarus pecos*)**

About the Document

Title: Draft species status assessment for the Diamond Tryonia (*Pseudotryonia adamantina*), Gonzales Tryonia (*Tryonia circumstriata*), and the Pecos Amphipod (*Gammarus pecos*)

Dissemination Date: July 2020

Purpose: The draft species status assessment for the Diamond tryonia, Gonzales tryonia, and Pecos amphipod is a summary of information assembled and reviewed by the U.S. Fish and Wildlife Service's (Service) Austin Ecological Field Services Office and incorporates the best scientific and commercial data available. All three species were listed as endangered on July 9, 2013 (78 FR 41227). The framework of a species status assessment provides an in-depth review of species biology and threats, an evaluation of their biological status, and an assessment of the resources and conditions needed to maintain long-term viability. This document describes the needs of the Diamond tryonia, Gonzales tryonia, and Pecos amphipod at the individual, population, and species levels. Once finalized, this species status assessment will inform development of a recovery plan for these species.

About the Peer Review Process

Type of Review: Influential

Date of Peer Review: The peer review will be conducted in August 2020.

Reviewers: The Service will solicit external peer review of the scientific background information used in the draft species status assessment from at least three or more independent scientific reviewers with expertise in ecology of aquatic invertebrates and desert spring systems, hydrogeology, groundwater-use, and/or petroleum activities.

Criteria for Reviewer Selection: Peer reviewers will be selected based on the following criteria:

- **Expertise:** Reviewers will be experts in ecology of aquatic invertebrates and desert spring systems, hydrogeology, ground-water use, and/or petroleum activities and should have knowledge in one or more of the following areas: biology, ecology, demography, management, and conservation of native invertebrate species; ecology of desert springs and cienegas; characteristics and dynamics of western Texas aquifers; Texas groundwater policy, use, and projected demands; and natural gas and oil extraction methods, water demands, and projected drilling activity.

- Independence: Reviewers should not be employed by the Service. Academic and consulting scientists should have sufficient independence from the Service or the Department if the government supports their work.
- Objectivity: Reviewers should be recognized by their peers as being objective, open-minded, and thoughtful. Reviewers should be comfortable sharing their knowledge and identifying their knowledge gaps.
- Advocacy: Reviewers should not be known or recognized for an affiliation with an advocacy position regarding the protection of the Diamond tryonia, the Gonzales tryonia, or the Pecos amphipod under the Endangered Species Act.
- Conflict of Interest: Reviewers should not have any financial or other interest that conflicts with or that could impair their objectivity.

This peer review plan is made available on this website to allow the public to monitor our compliance with the Office of Management and Budget's Final Information Quality Bulletin for Peer Review.

The final SSA report will be made available via the Service's Environmental Conservation Online System (ECOS) on each species' ECOS profile page:

<https://ecos.fws.gov/ecp0/profile/speciesProfile?spcode=G04W#ssa>

<https://ecos.fws.gov/ecp0/profile/speciesProfile?spcode=G05D#ssa>

<https://ecos.fws.gov/ecp0/profile/speciesProfile?spcode=K024#ssa>

Contact: Stacey E. Stanford, (505) 248-7452, or stacey_stanford@fws.gov