city of austin
Watershed Protection

The purpose of Scientific Research Permit #03-2008 was to allow collection of tail tip tissue from Jollyville Plateau Salamanders (*Eurycea tonkawae*) for the purposes of a genetic study being conducted by Drs. Andy Gluesenkamp (UT) and Paul Chippindale (UTA).

I visited McDonald Well with Andy Gluesenkamp and Laura Zebehazy (Travis Co.) on 23 May 2008. The purpose of this trip was to collect tail tips for use in an ongoing genetic study. We located several individuals and carefully removed tail tips from five adults. Collection information is as follows:

> AGG 1745-49. *Eurycea tonkawae*. Tail tips collected at McDonald well, Travis Co., TX by AGG, N. Bendik, and L. Zebehazy on 23 May 2008. All tail tips were shipped to the Chippindale lab (UTA) for genetic study.

I visited Kretschmarr Salamander Cave with Andy Gluesenkamp and Kathleen O'Connor (Travis Co.) on 28 August 2008. The purpose of this trip was to collect tissue and voucher specimens for an ongoing genetic study and to investigate and remove a blockage in the downstream drain of a small stream that bisects the cave. I removed the blockage (roots and large rocks) and the large pool that had formed drained immediately. We collected five adult salamanders that had been stranded by the falling water level. Collection information is as follows:

> AGG 1776-1780. *Eurycea tonkawae*. Collected in Kretschmarr Salamander Cave, Travis Co, TX by AGG, N. Bendik, and K. O'Connor on 28 August 2008. All specimens were shipped to the Chippindale lab (UTA) for genetic study. Vouchers were deposited in the UTA herpetological collections.

All vouchers and tissue samples collected are deposited in the herpetological collections at UT Arlington. An interim report of our Section 6-funded project, "Population genetics, species boundaries, and conservation of the Jollyville Plateau salamander, *Eurycea tonkawae*", is included under separate cover.

Other than a visit to Concordia University spring sites with Laura Zebehazy (Travis Co.) and Sylvia Pope (COA), no other Travis Co. lands were surveyed for presence of new salamander populations.

Nathan Bendik
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City of Austin
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