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Further Information on the Inventory of Fishes in Hangman Creek

In 1973 Laumeyer and Maughan reported an inventory of the fishes of Hangman (Latah) Creek, Washington and Idaho. Since publication of the inventory, the authors have collected additional species and information on the fishes in this stream.

Gilbert and Evermann surveyed the fishes in streams in the Columbia River Basin, including Hangman Creek, in 1892-93. They described Hangman Creek as follows: "This is an unimportant stream tributary to the Spokane. It was examined in the vicinity of Tekoa, Washington, where it was found to be a small filthy stream not suitable for trout or other food fishes but well supplied with minnows and suckers of several species." Two collection sites from Hangman Creek, rather than one, were reported in their text; one from the vicinity of Tekoa, Washington, near our station 5, and the other from the mouth of Hangman Creek, near our station 1. Table 1 presents a list of species taken by Gilbert and Evermann in 1892-93 compared to those taken by Laumeyer and Maughan in 1971.

The general fish composition has changed very little from 1893 to 1971. The most striking differences between the two lists are the absence of Bridgelip sucker (*Catostomus columbianus*) and Chiselmouth (*Acrocheilus alutaceus*) from Gilbert and Evermann's list and the absence of Torrent sculpin (*Cottus rhotheus*) from our collections at these sites. In our collections (Laumeyer and Maughan, 1973) we took both *Catostomus columbianus* and *Catostomus macrocheilus*. Possibly both *Catostomus columbianus* and *Catostomus macrocheilus* were present when Gilbert and Evermann made their survey, since they verbally reported suckers of several species from Hangman Creek. Absence of the Bridgelip sucker from the list could also result from different collecting techniques or the confusion of the two species. The absence of Chiselmouth from their collections, however, possibly reflects a real absence, since this species was one of the most abundant in our collections. The explanation for the absence is unknown. The disappearance of Torrent sculpin from the area near Tekoa is probably the result of declining water quality. This species still inhabits the drainage but occurs upstream from areas of heavy grazing and farming.

Subsequent to our 1973 inventory, one of the investigators (Laumeyer) collected fishes from Marshall Creek, a tributary of Hangman Creek. This creek arises near Cheney, Washington and enters Hangman Creek near the mouth. The Mar-

TABLE 1. Species composition in 1893 vs 1971.

	Near Tekoa		Near Spokane	
	Gilbert & Evermann	Laumeyer & Maughan	Gilbert & Evermann	Laumeyer & Maughan
Chiselmouth				
Bridgelp Sucker		X		X
Largescale Sucker	X	X	X	X
Torrent Sculpin	X	X		X
Squawfish	X	X		X
Speckled Dace	X	X		X
Redside Shiner			X	X

shall Creek collections by Laumeyer included Brook trout (*Salvelinus fontinalis*) and Redfin pickerel (*Esox americanus*), two species not previous reported from this drainage.

Literature Cited

Gilbert, C. H., and B. W. Evermann. 1894. A report upon investigations in the Columbia River Basin with descriptions of four new species of fishes. Bull. U.S. Fish Commission. 4: 169-207.
Laumeyer, P. H., and O. E. Maughan. 1973. Preliminary inventory of fishes in Hangman Creek. Northwest Science 47(1): 66-69.

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