

**From:** Elaine Stewart  
**To:** Cyndi Baker  
**Date:** 9/30/03 11:20AM  
**Subject:** Re: coffer-dam sampling

Thanks, Cyndi! That was perfect. I'm adding a couple of my own notes to the file to indicate that you released the fish alive into the North Slough, and that your sampling covered a fairly high percentage of the total area within the cofferdams.

>>> "Cyndi Baker" <cbaker2@ducks.org> 09/30/03 10:55AM >>>  
Gus and Elaine,

Rose and I sampled the two pools adjacent to the coffer-dam yesterday. We found no salmonids, as expected. I've written up a summary of our sample.

Cyndi

**CC:** Gus Williams

## Smith and Bybee Coffe-Dam Pond Sampling - September 29, 2003

Cyndi Baker and Rose Miranda (Ducks Unlimited, Inc. fisheries biologists) sampled two small pools near the coffer-dam at Smith and Bybee Lakes. We made three passes per pool with a beach seine. We found no salmonids in either pool. All fishes in the catch were likely young of the year, or yearlings (see size classes in Table 1). In the pool on the Smith and Bybee wetland side 598 fishes were caught. All were introduced fishes, except for the prickly sculpin. We found mostly brown bullhead (56% of total catch), followed by crappie (24% of total catch).

In the puddle adjacent to the North Columbia Slough 200 fishes were caught; threespine stickleback were the only native fish in the catch. We caught mostly threespine stickleback (62%), which are ubiquitous in the slough and other like habitat in the area, followed by crappie (18%) and mosquito fish (14%).

Table 1. Smith and Bybee Coffe-Dam Pond Sampling	
Samplers: Cyndi Baker and Rose Miranda	
Date: 9/29/03	Time: 13:30-15:30

Location: Puddle on Smith and Bybee side				
	Pass 1	Pass 2	Pass 3	Total
Species (estimated size range in mm)	# of Fish	# of Fish	# of Fish	
Bluegill (40-60mm)	2	5	0	7
Brown bullhead (60-100mm)	46	129	161	336
Bullfrog tadpole (100mm)	0	0	1	1
Common carp (60-120mm)	6	16	9	31
Crappie sp. (40-60mm)	106	24	14	144
Mosquitofish (30-70mm)	13	8	3	24
Prickly Sculpin (80mm)	0	1	0	1
Pumpkinseed (50-80mm)	22	22	10	54
<b>Total</b>	<b>195</b>	<b>205</b>	<b>198</b>	<b>598</b>

Location: Puddle on North Columbia Slough side				
	Pass 1	Pass 2	Pass 3	Total
Species	# of Fish	# of Fish	# of Fish	
Brown bullhead (50-80mm)	0	5	0	5
Bullfrog tadpole (100mm)	0	1	0	1
Crappie sp. (40-60mm)	15	18	3	36
Largemouth bass (120mm)	1	0	0	1
Mosquitofish (30-70mm)	19	7	1	27
Pumpkinseed (50-80mm)	2	3	0	5
Threespine stickleback (40-60mm)	41	78	6	125
<b>Total</b>	<b>78</b>	<b>112</b>	<b>10</b>	<b>200</b>