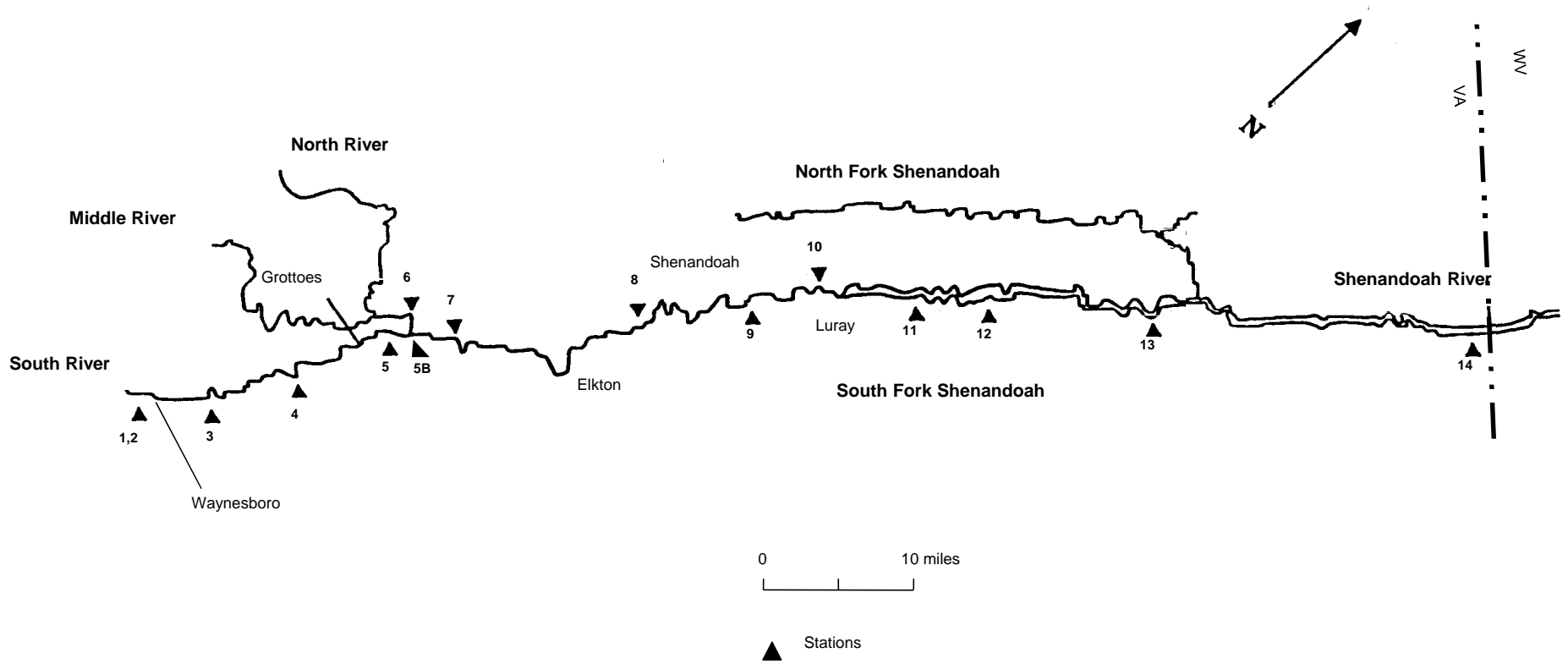


**South River and
South Fork Shenandoah River**

Fish Tissue Results

1999

Sampling Locations



SAMPLING STATIONS - 1999 SURVEY

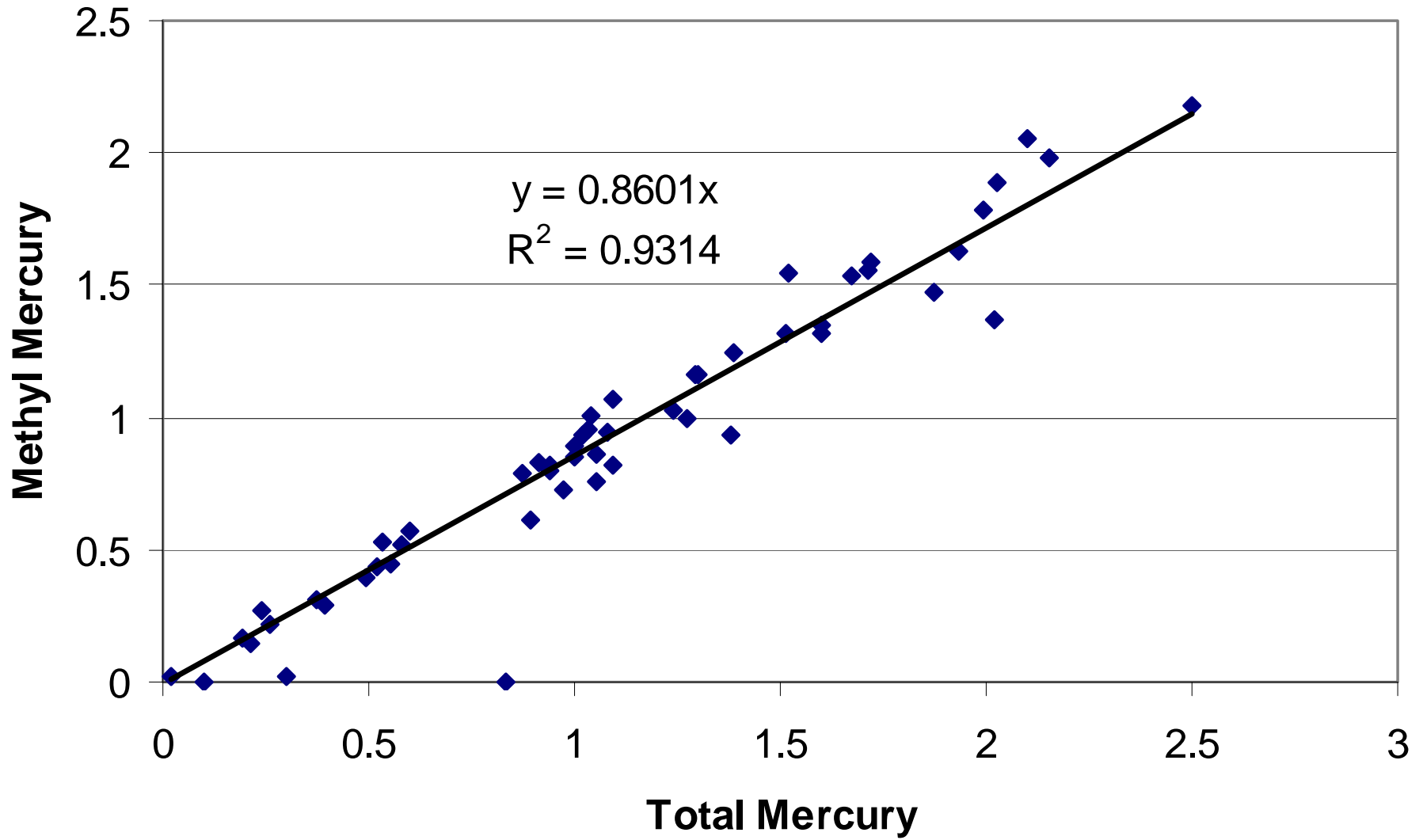
Station Number	Mile	Stream	Location
1	-0.7	South River	Waynesboro, above Rife Loth Dam
2	0.0	South River	Waynesboro, DuPont foot bridge
3	5.4	South River	Dooms, Va. above dam, vicinity Rt. 611 bridge
4	10.5	South River	Crimora, Va. vicinity Rt. 612 bridge
5	20.7	South River	Grottoes, Va. vicinity of Grand Caverns bridge
5b	25.4	S. F. Shenandoah R.	Port Republic, Va., DGIF Landing
6		North River	Rt. 668 bridge over North R. near Middle R.
7	27.9	S.F. Shenandoah R.	Lynnwood, Va. vicinity Rt. 659 bridge
8	49.7	S.F. Shenandoah R.	Shenandoah, Va. Rt. 602
9	65.0	S.F. Shenandoah R.	Newport Campgrounds
10	77.5	S.F. Shenandoah R.	Hamburg, above dam vicinity Rt. 645
11	93.0	S.F. Shenandoah R.	Foster's Landing, vicinity Rt. 684
12	108.7	S.F. Shenandoah R.	Bentonville Landing, vicinity Rt. 613 bridge
13	115.8	S.F. Shenandoah R.	Karo Landing at Gooney Run
14	160.0	Shenandoah River	Vicinity Rt. 7 bridge, near Berryville

Methyl Mercury

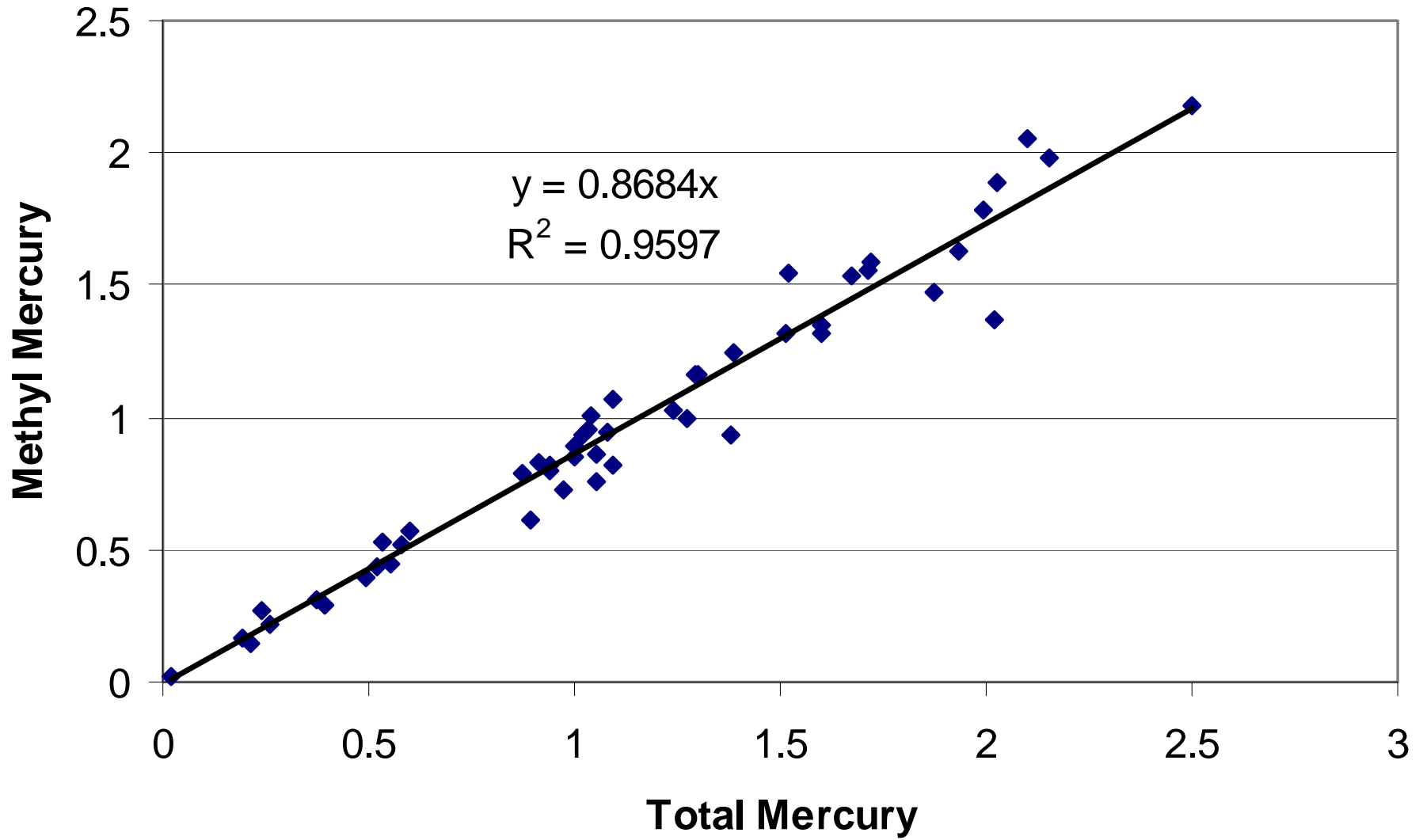
vs.

Total Mercury

Total Mercury vs. Methyl Mercury

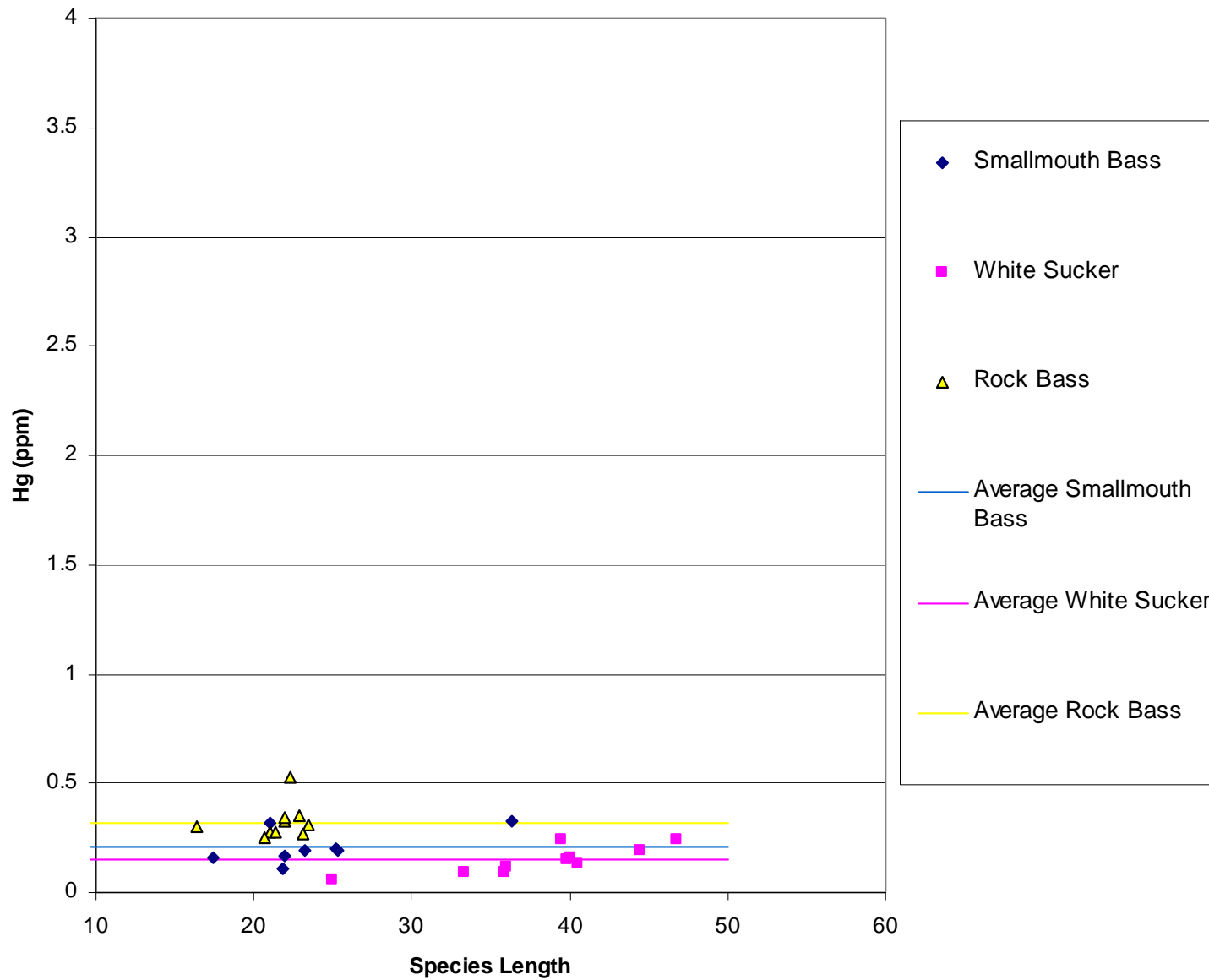


Total Mercury vs. Methyl Mercury

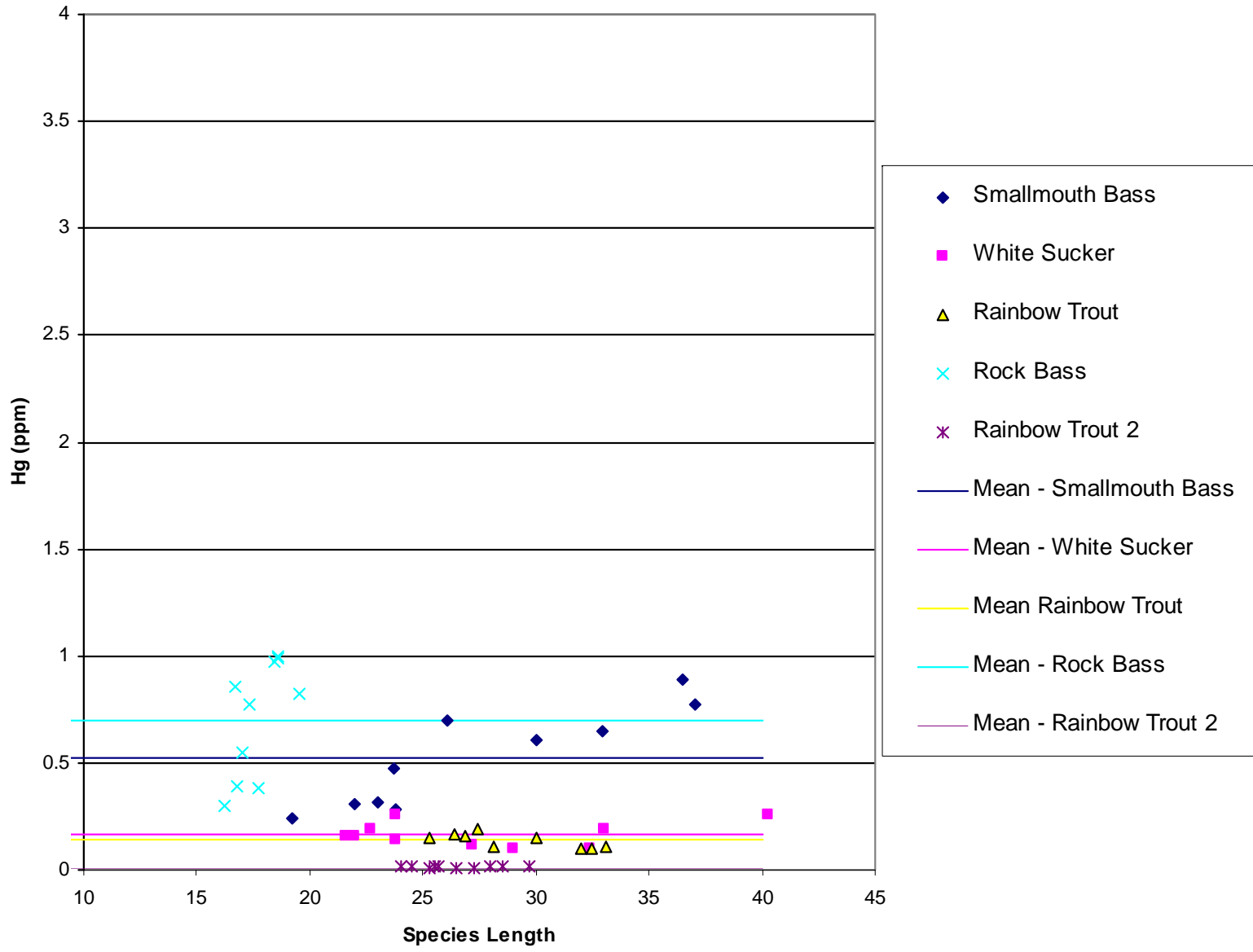


Total Mercury Results by Station

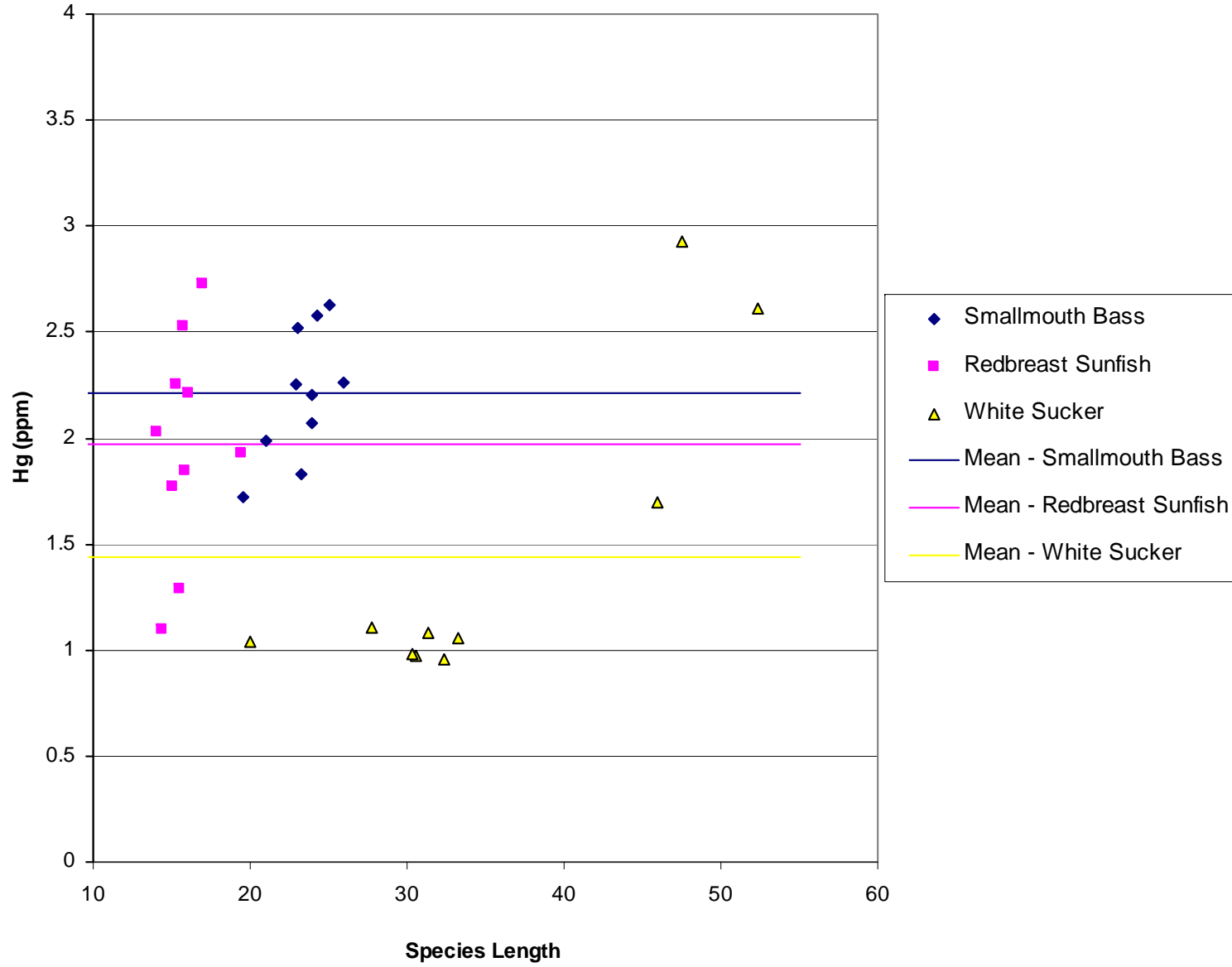
Station 1 - South River above Rife Loth Dam (Mile -0.7)



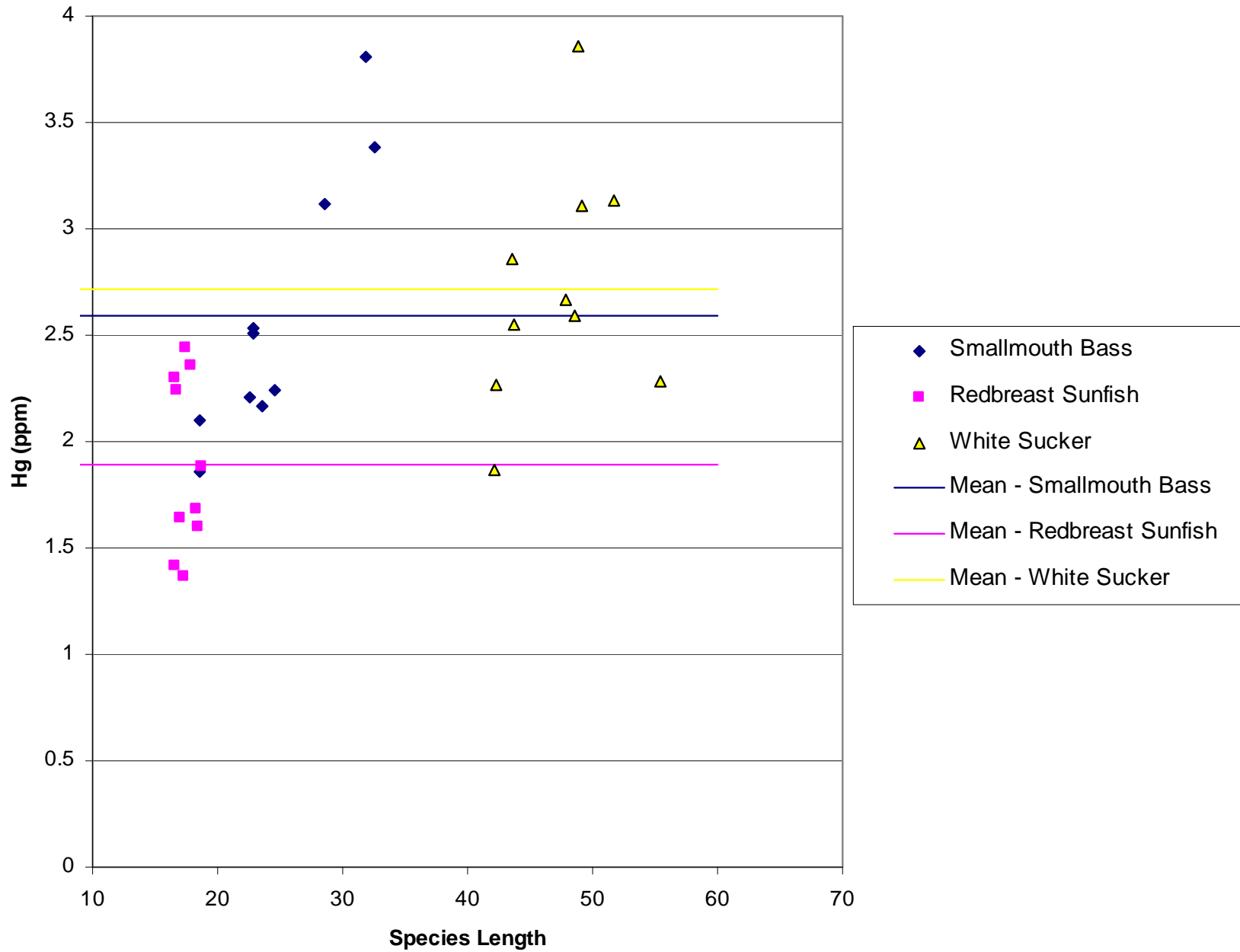
Station 2 - South River at DuPont Footbridge (Mile 0)



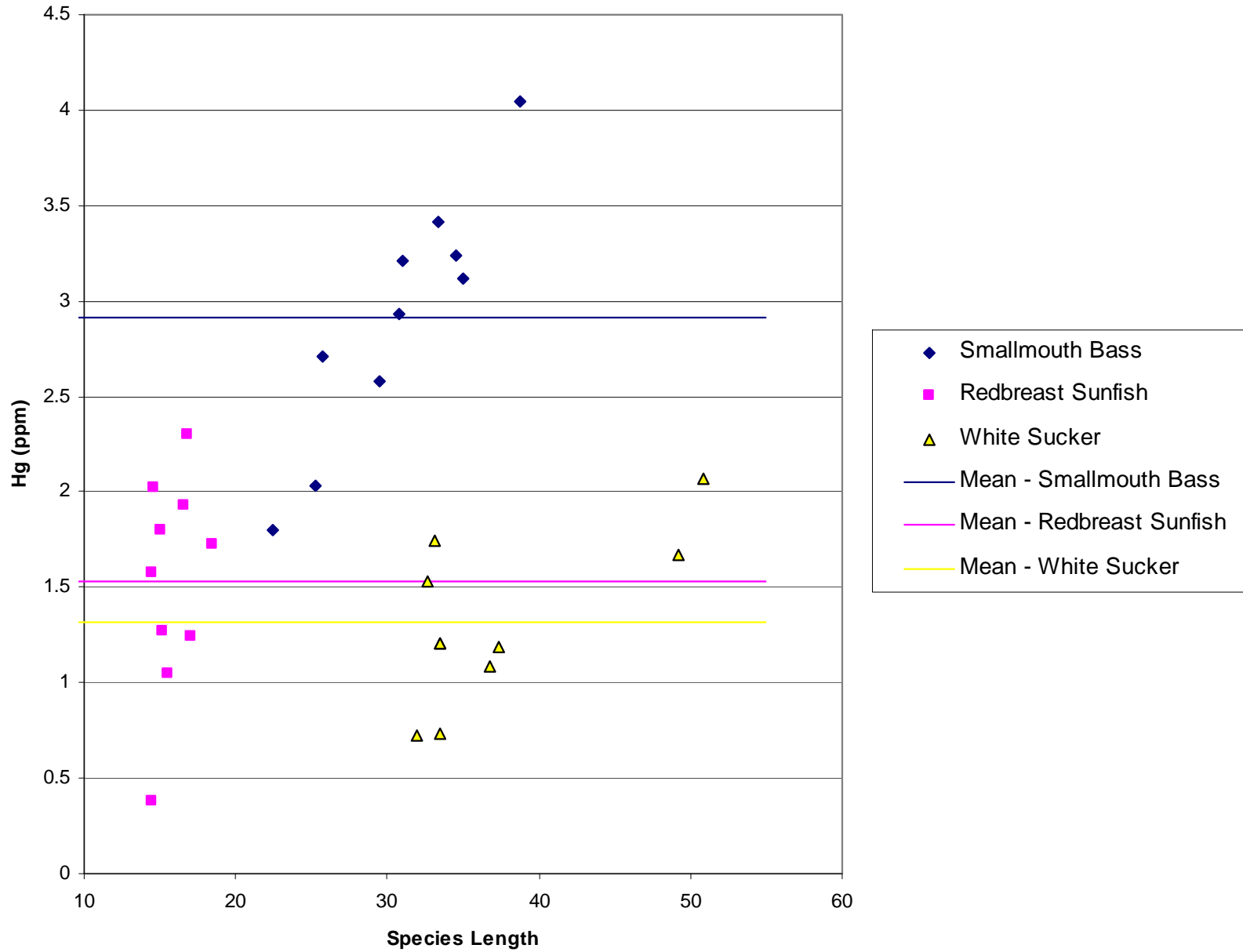
Station 3 - South River at Dooms (Mile 5.4)



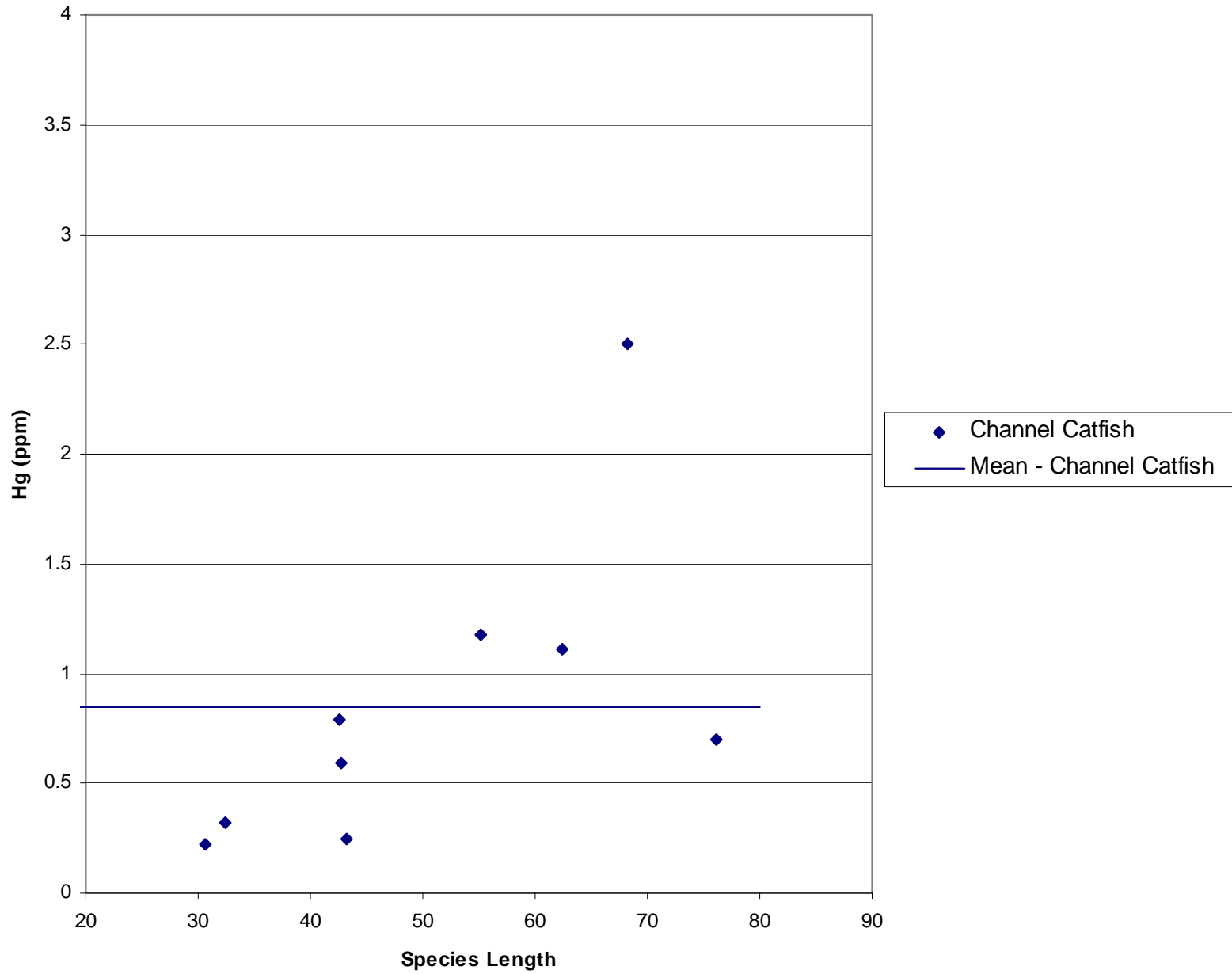
Station 4 - South River at Crimora (Mile 10.5)



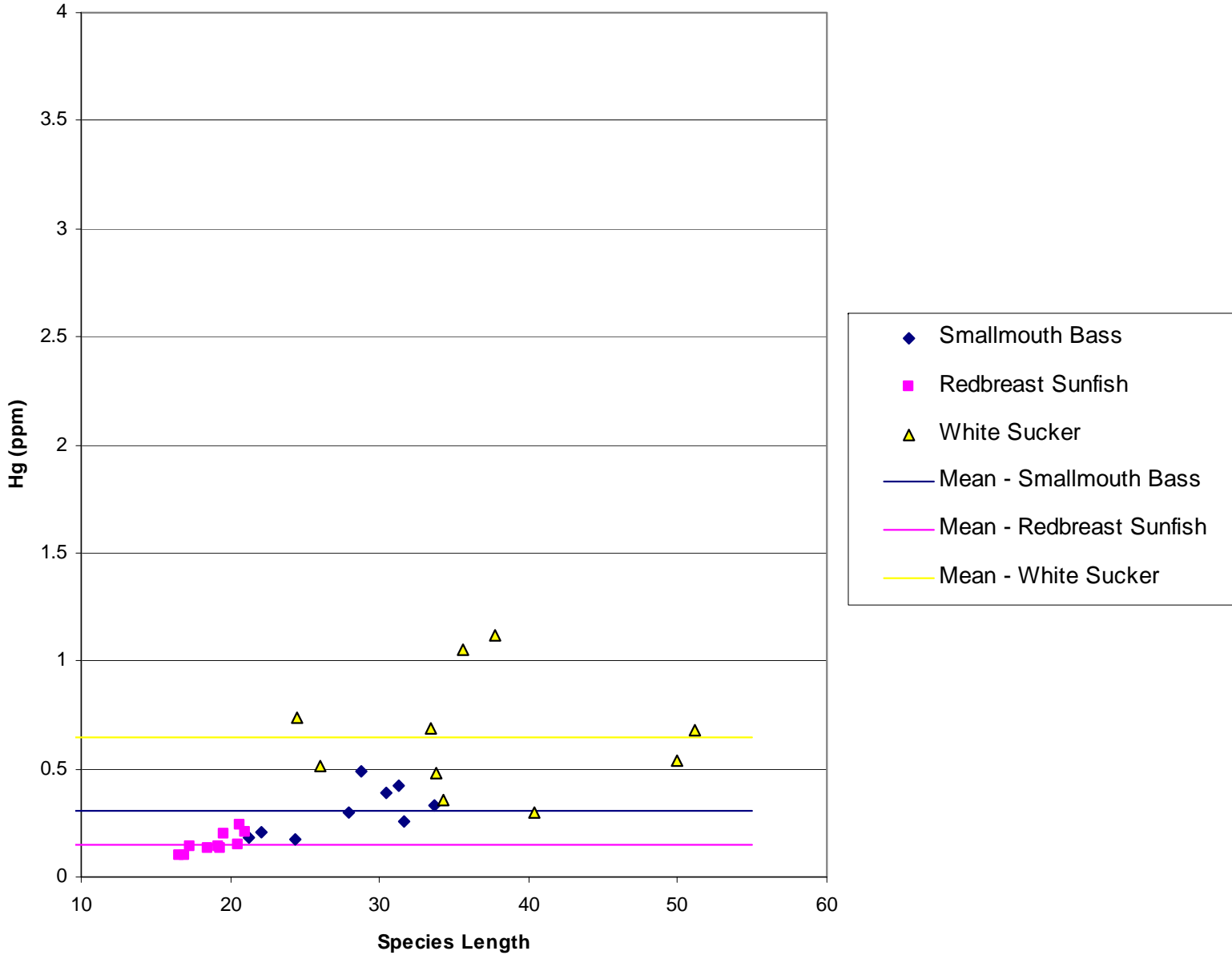
Station 5 - South River at Grottoes (Mile 20.7)



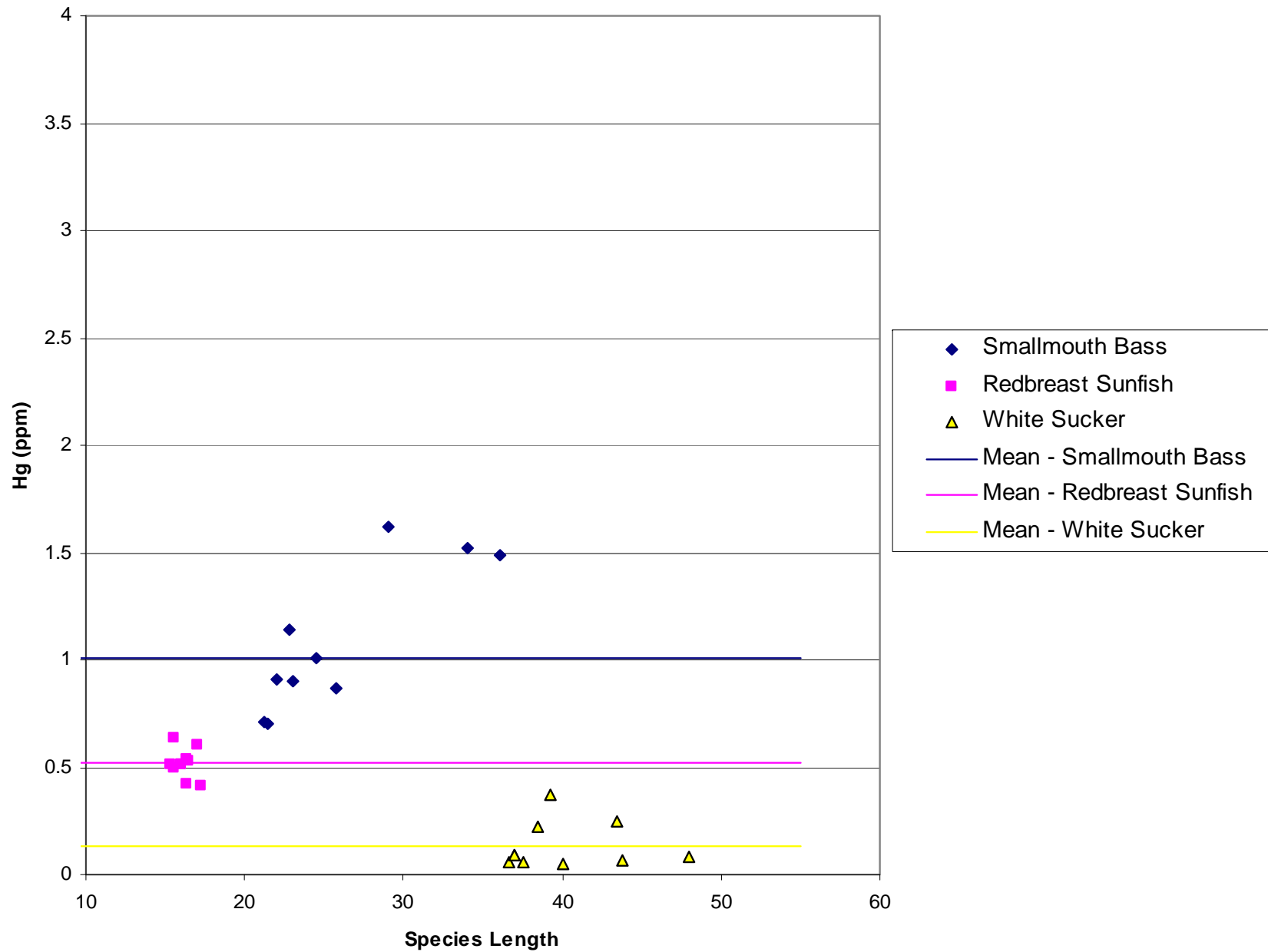
Station 5B - South Fork Shenandoah at Port Republic (Mile 25.4)



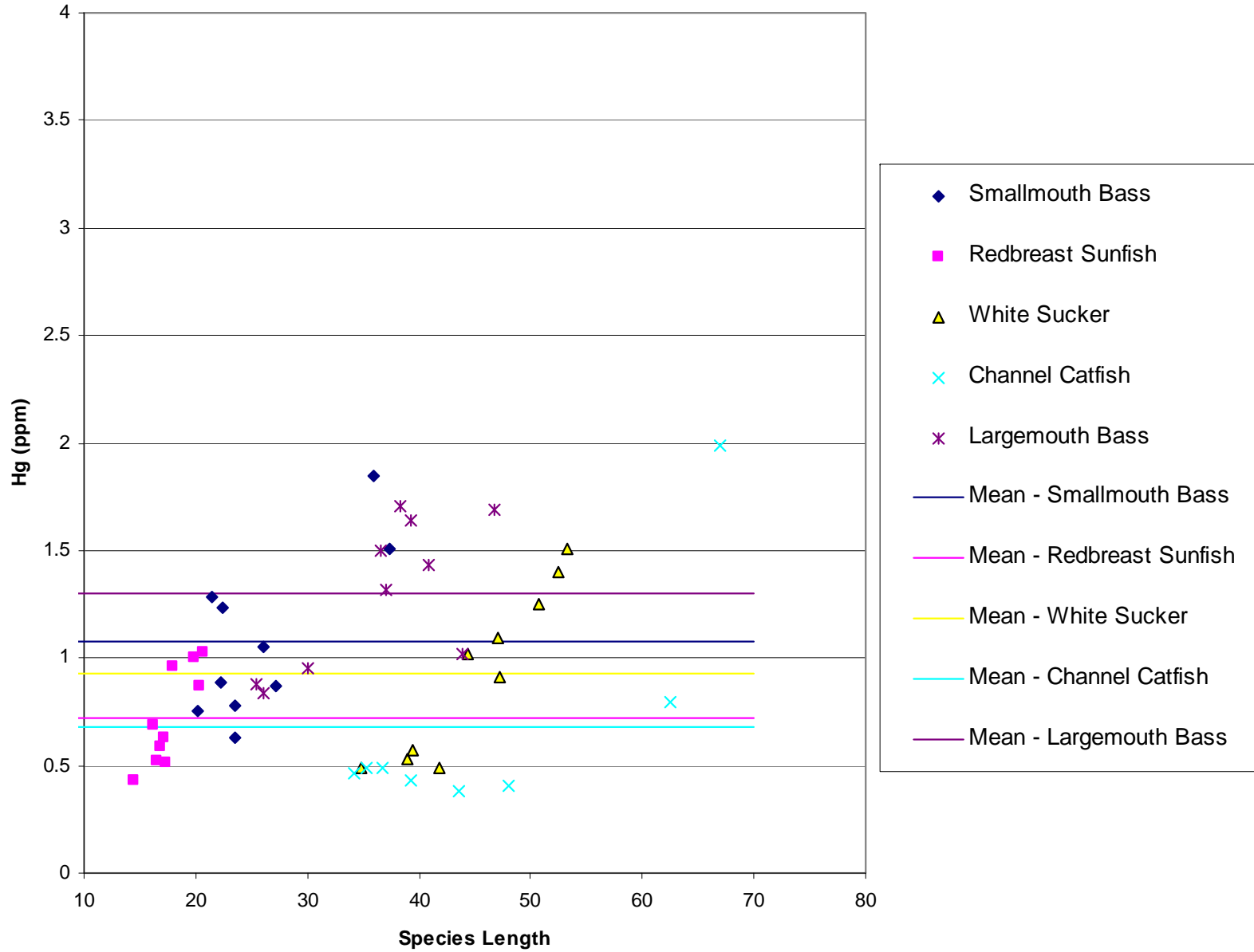
Station 6 - North River, approx. 3 miles above Confluence with South River



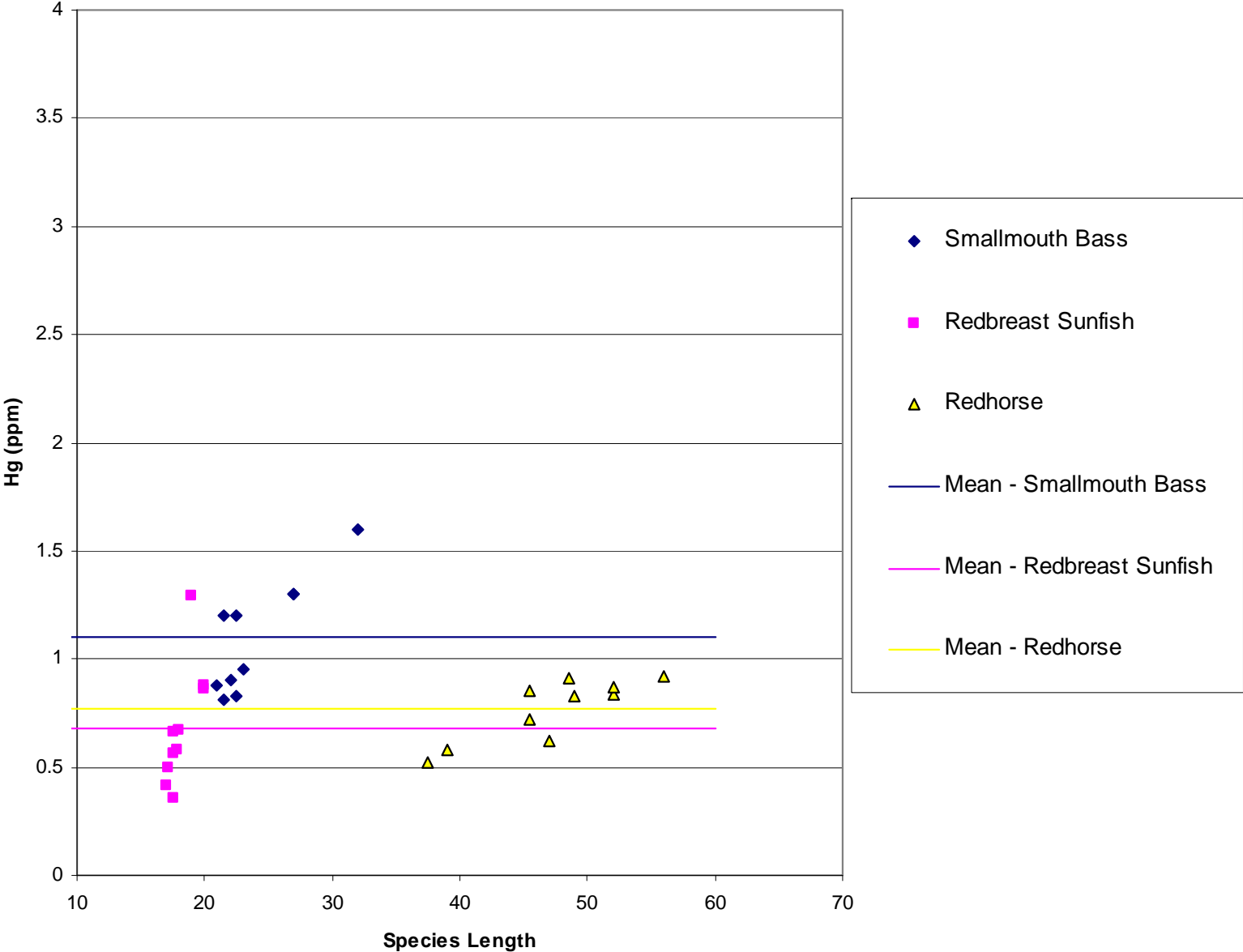
Station 7 - South Fork Shenandoah at Lynnwood (Mile 27.9)



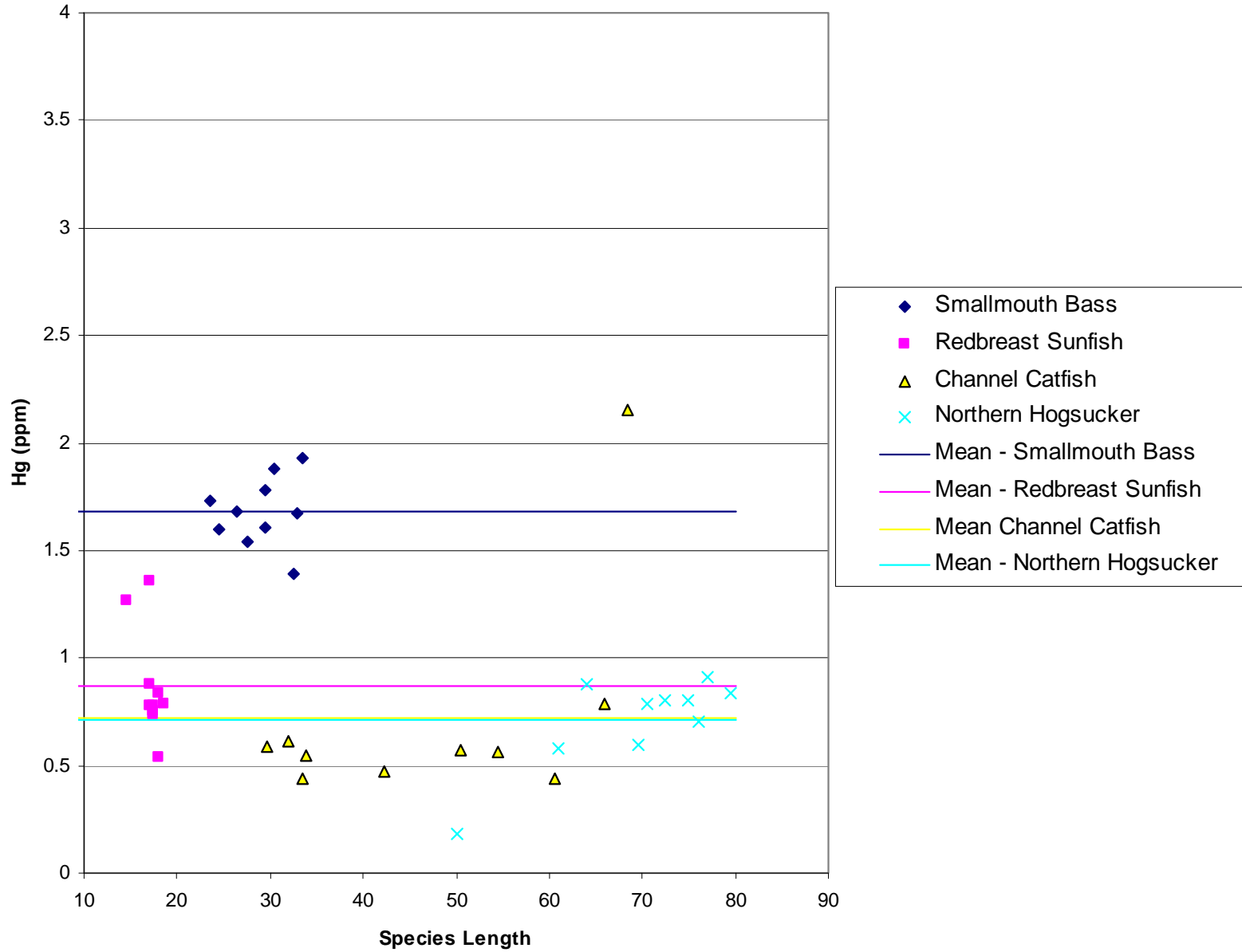
Station 8 - South Fork Shenandoah at Town of Shenandoah (Mile 49.7)



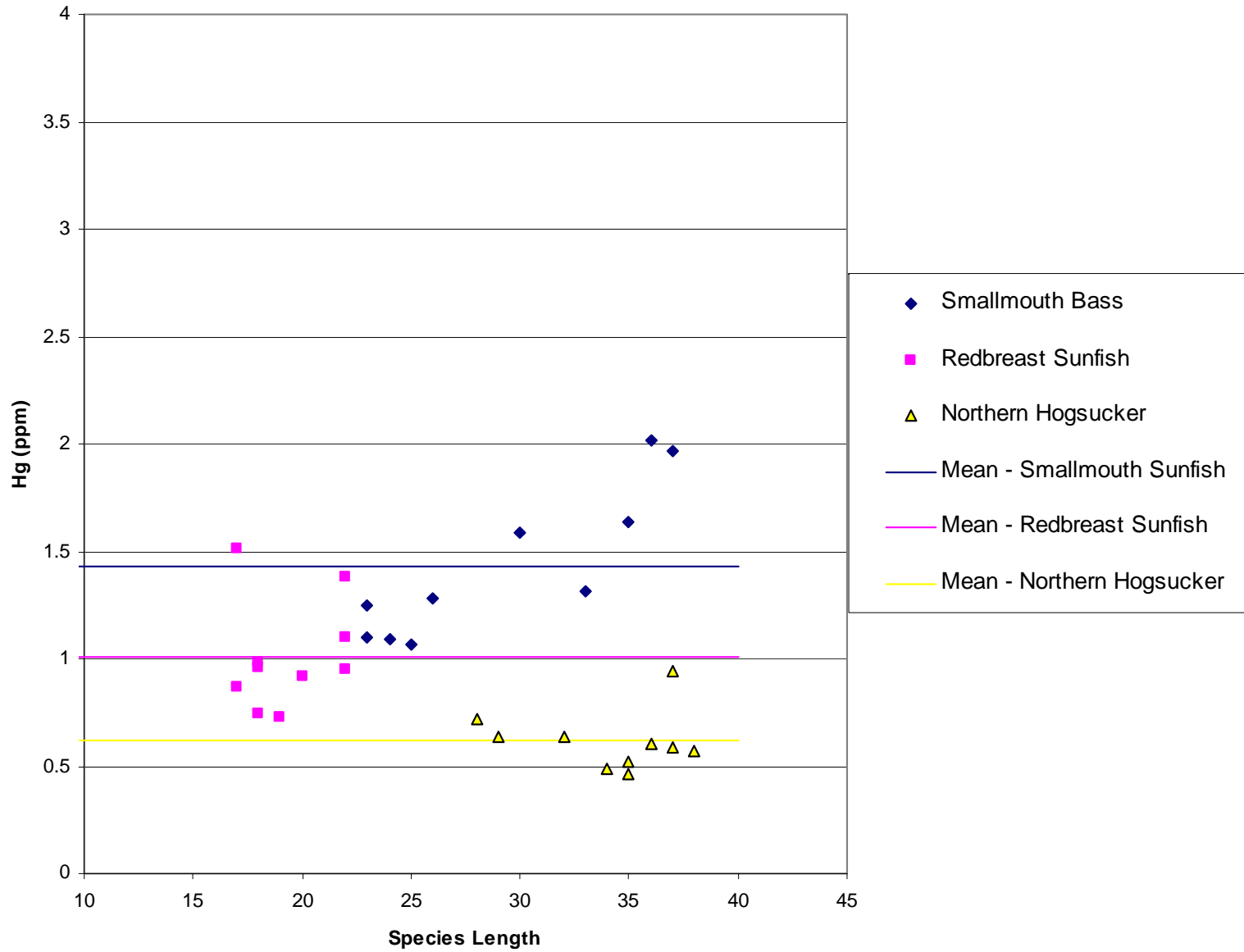
Station 9 - South Fork Shenandoah at Newport (Mile 65.0)



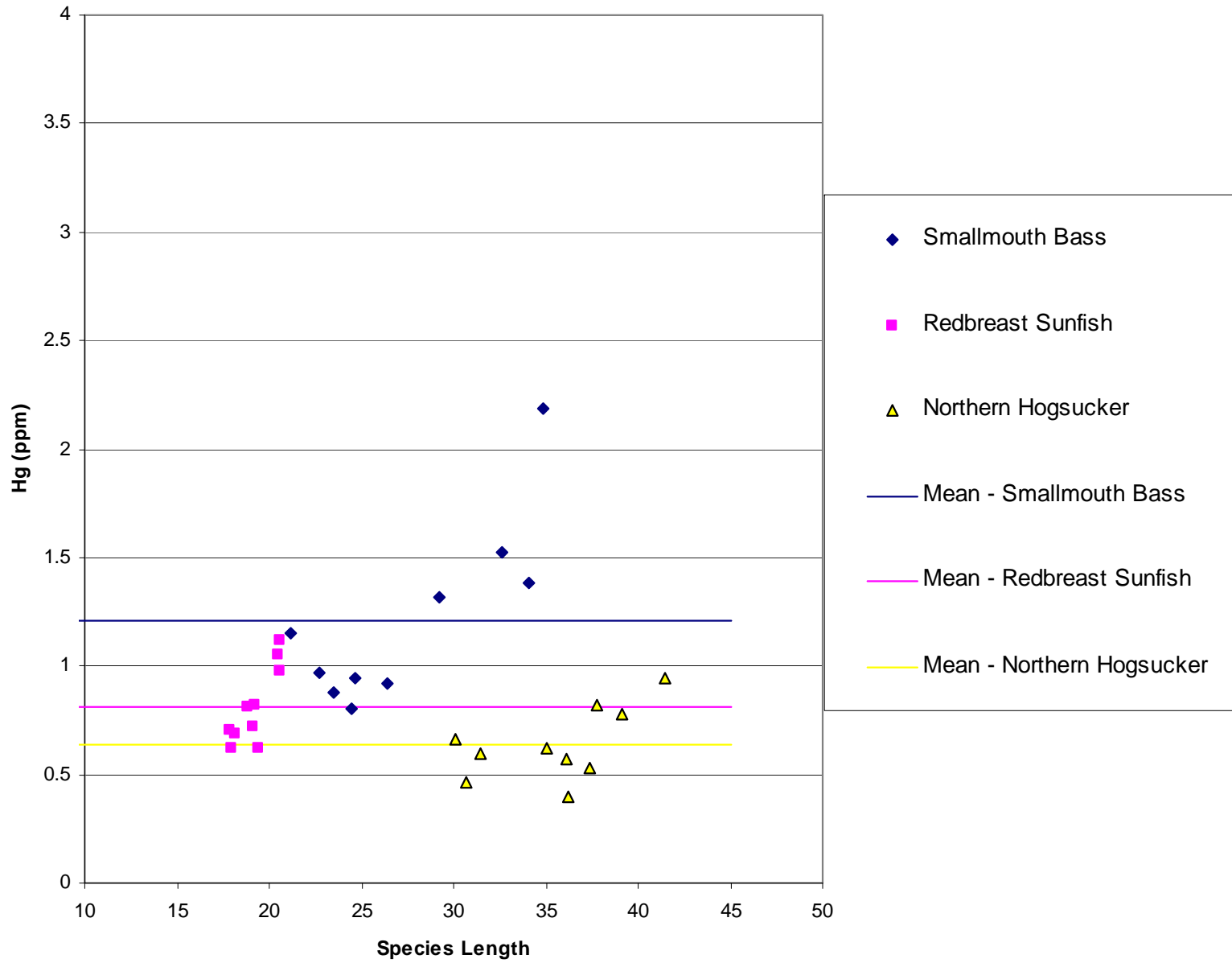
Station 10 - South Fork Shenandoah at White House (Mile 77.5)



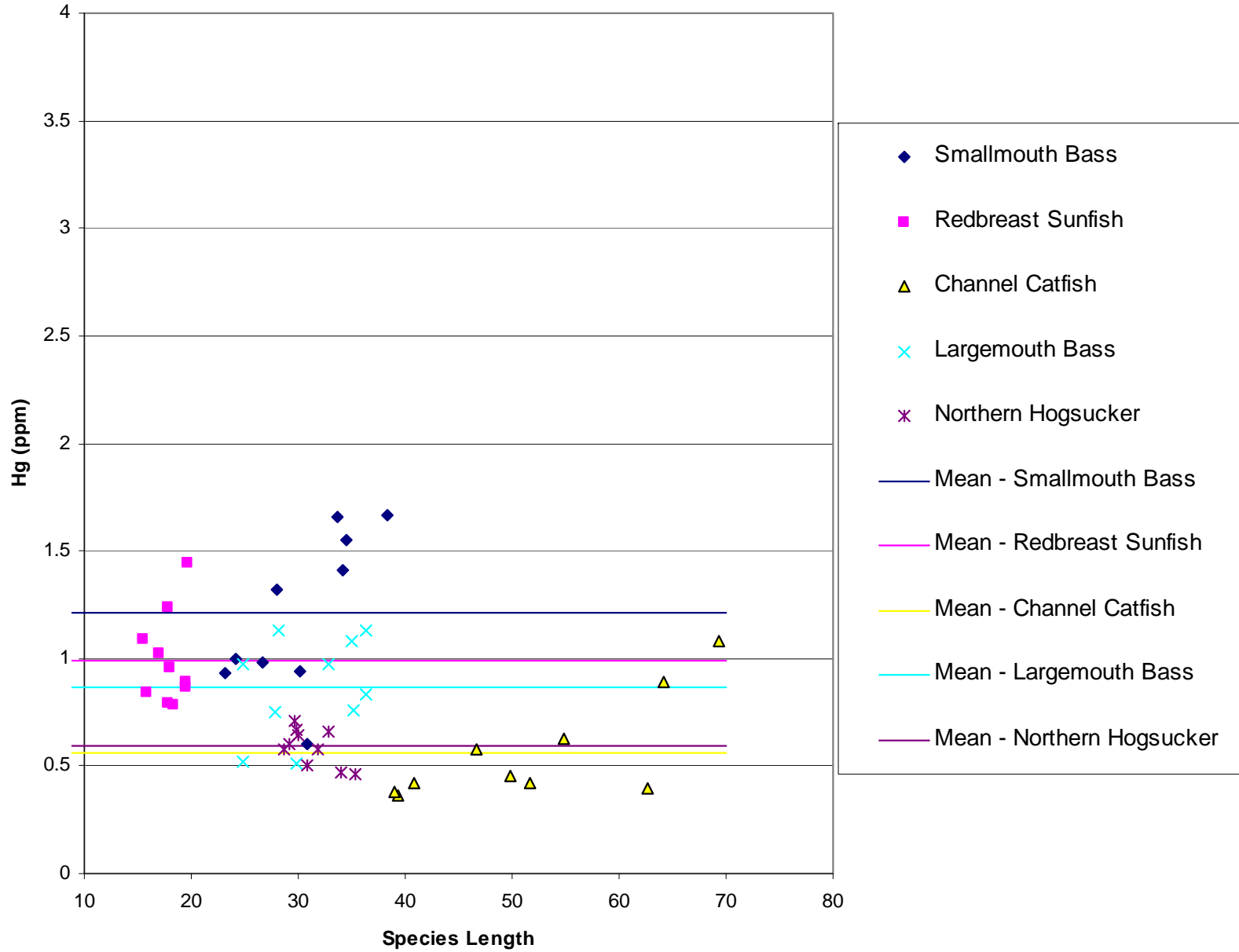
Station 11 - South Fork Shenandoah at Fosters Landing (Mile 93.0)



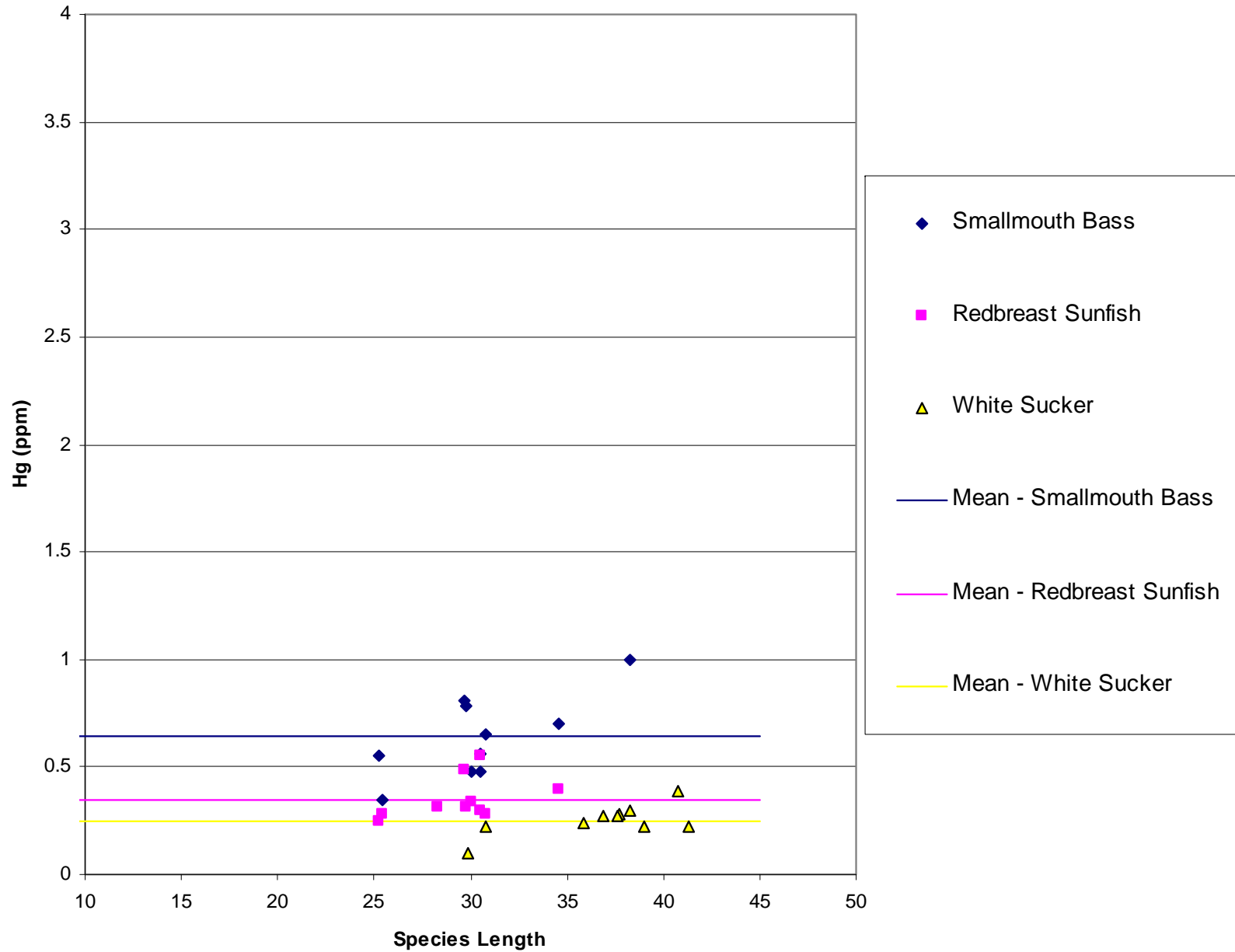
Station 12 - South Fork Shenandoah at Bentonville (Mile 108.7)



Station 13 - South Fork Shenandoah at Karo Landing / Gooney Run (Mile 115.8)

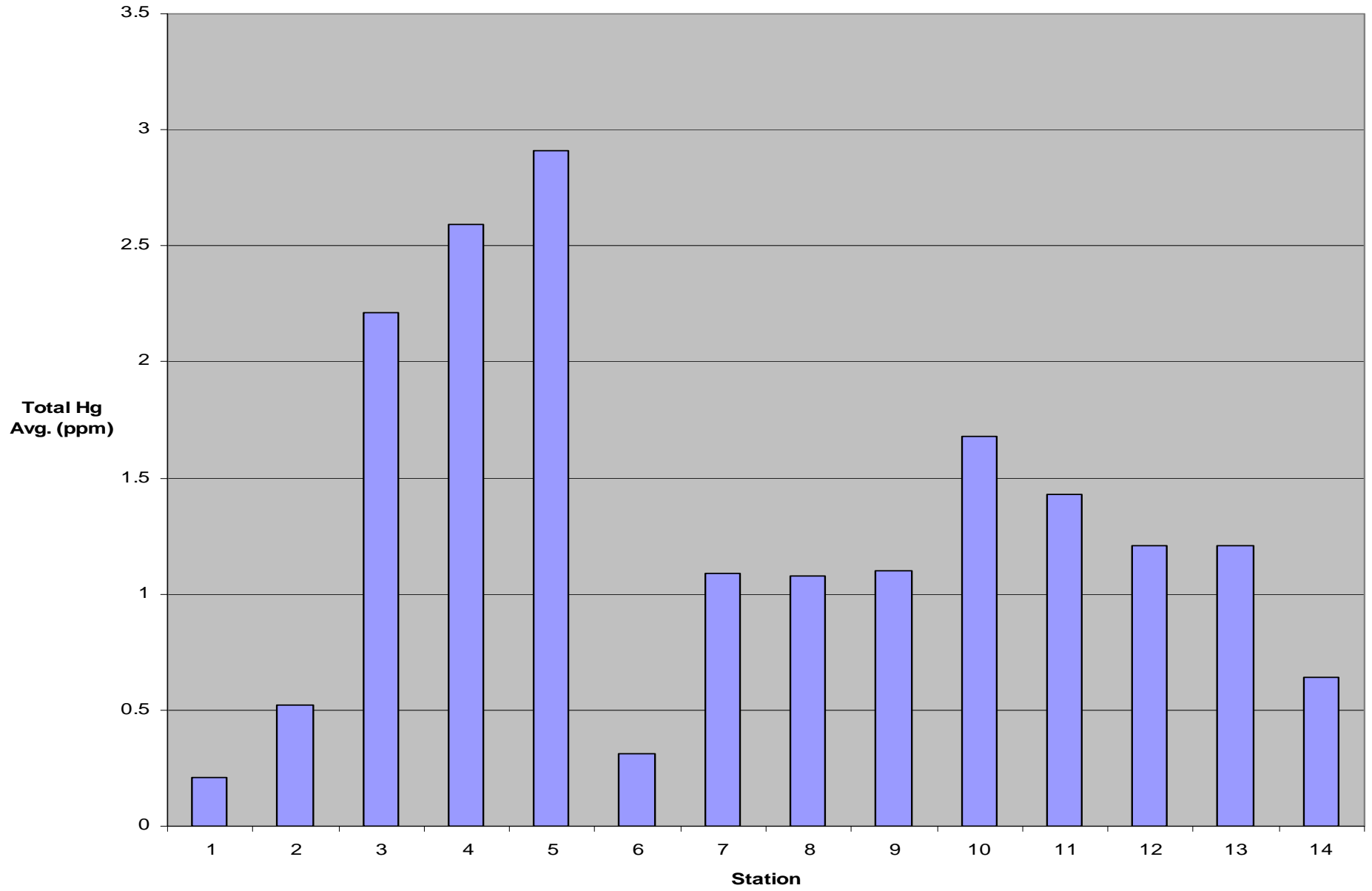


Station 14 - Shenandoah River (Mainstem) at Berryville (Mile 160.0)

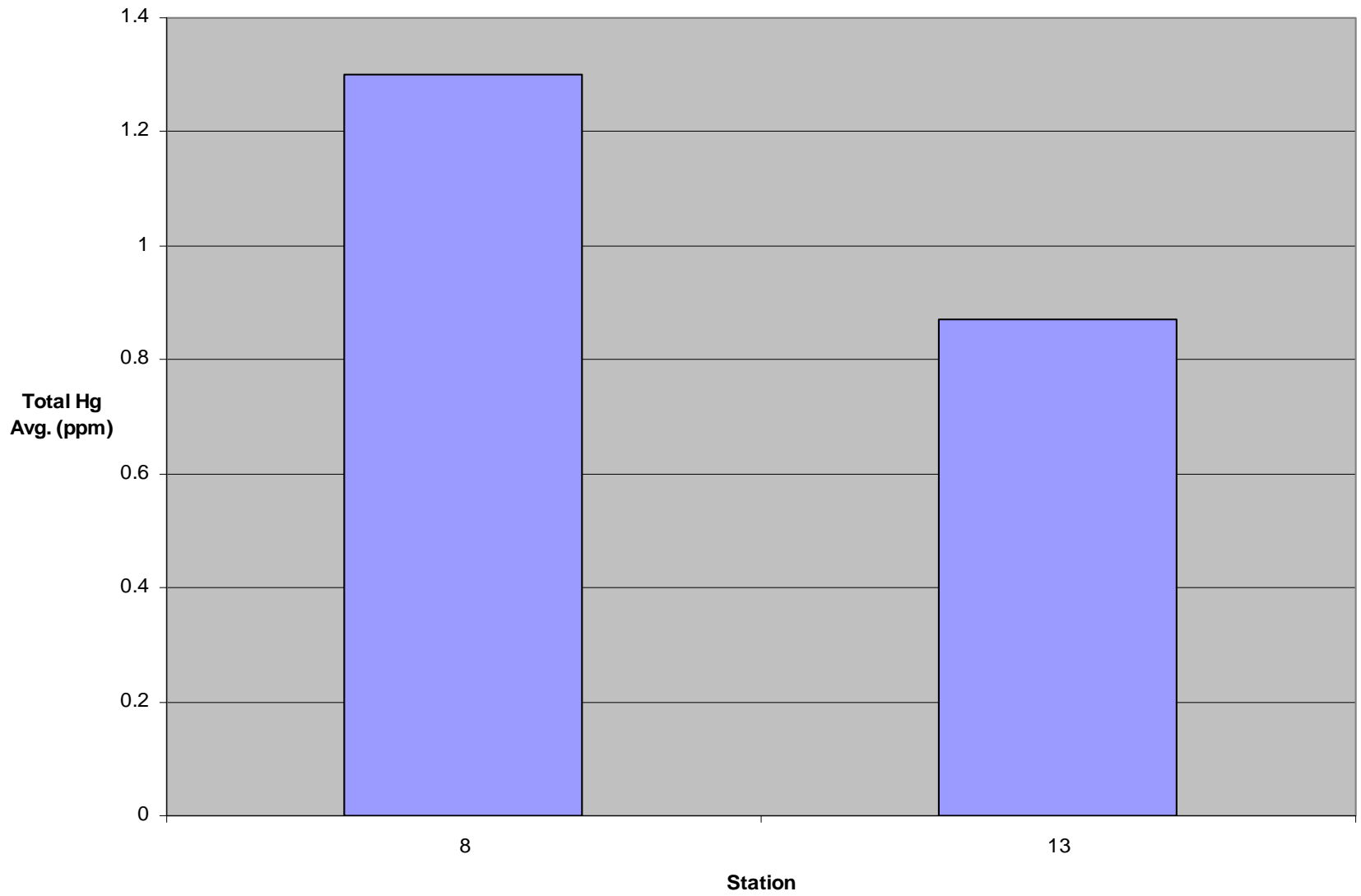


Total Mercury Results by Species

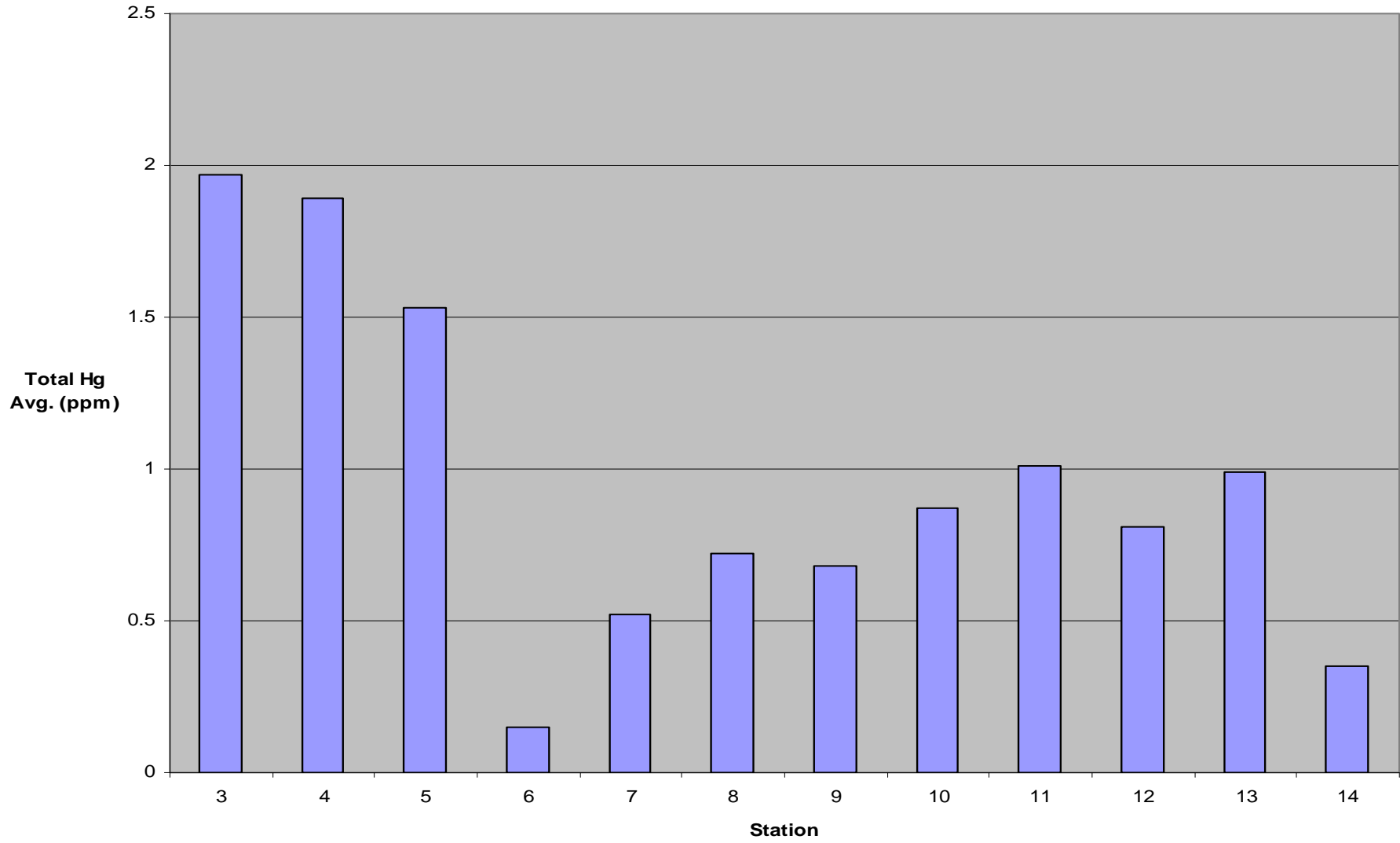
SMALLMOUTH BASS AVERAGE TOTAL MERCURY LEVELS



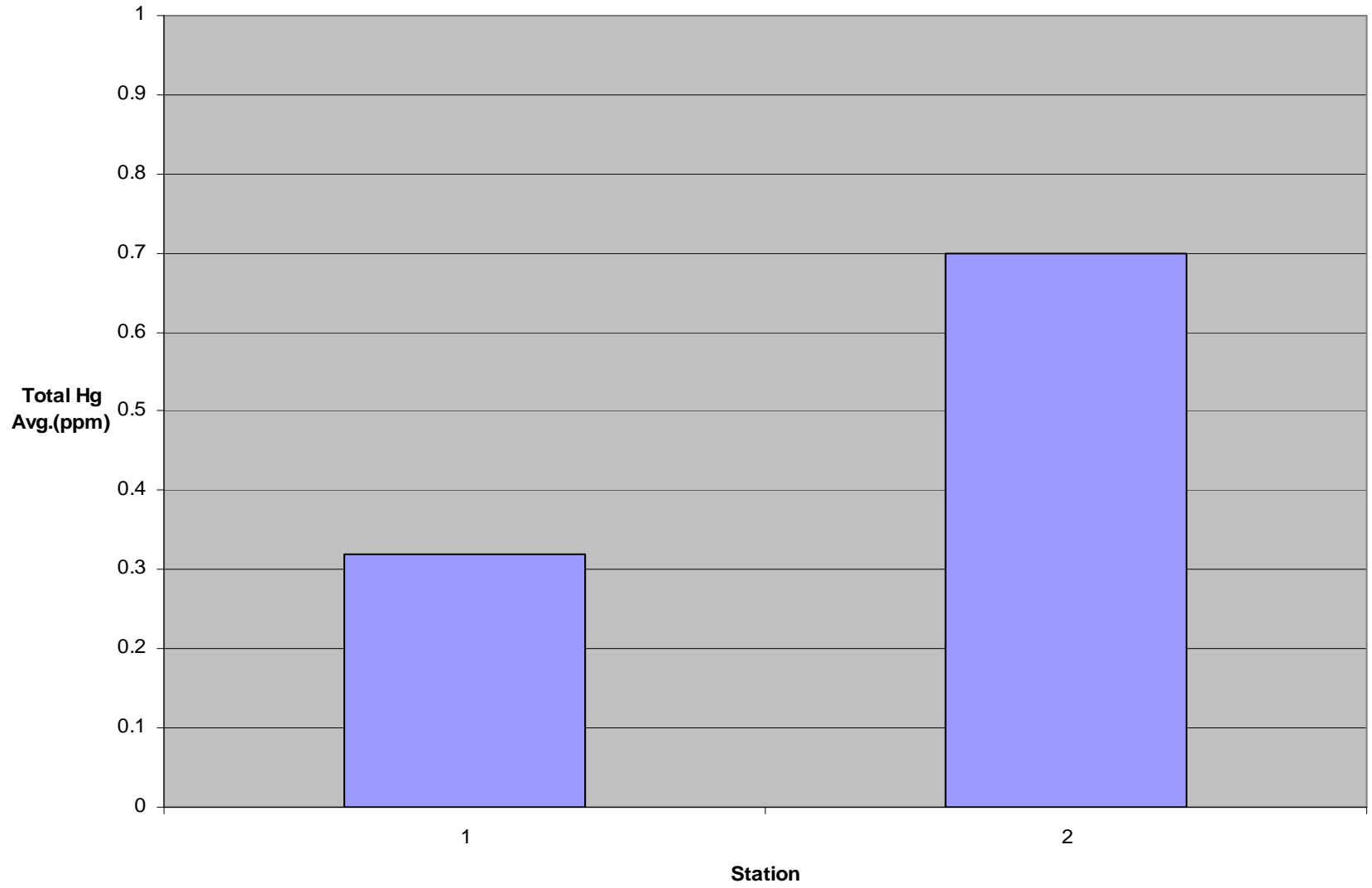
LARGEMOUTH BASS AVERAGE TOTAL MERCURY LEVELS



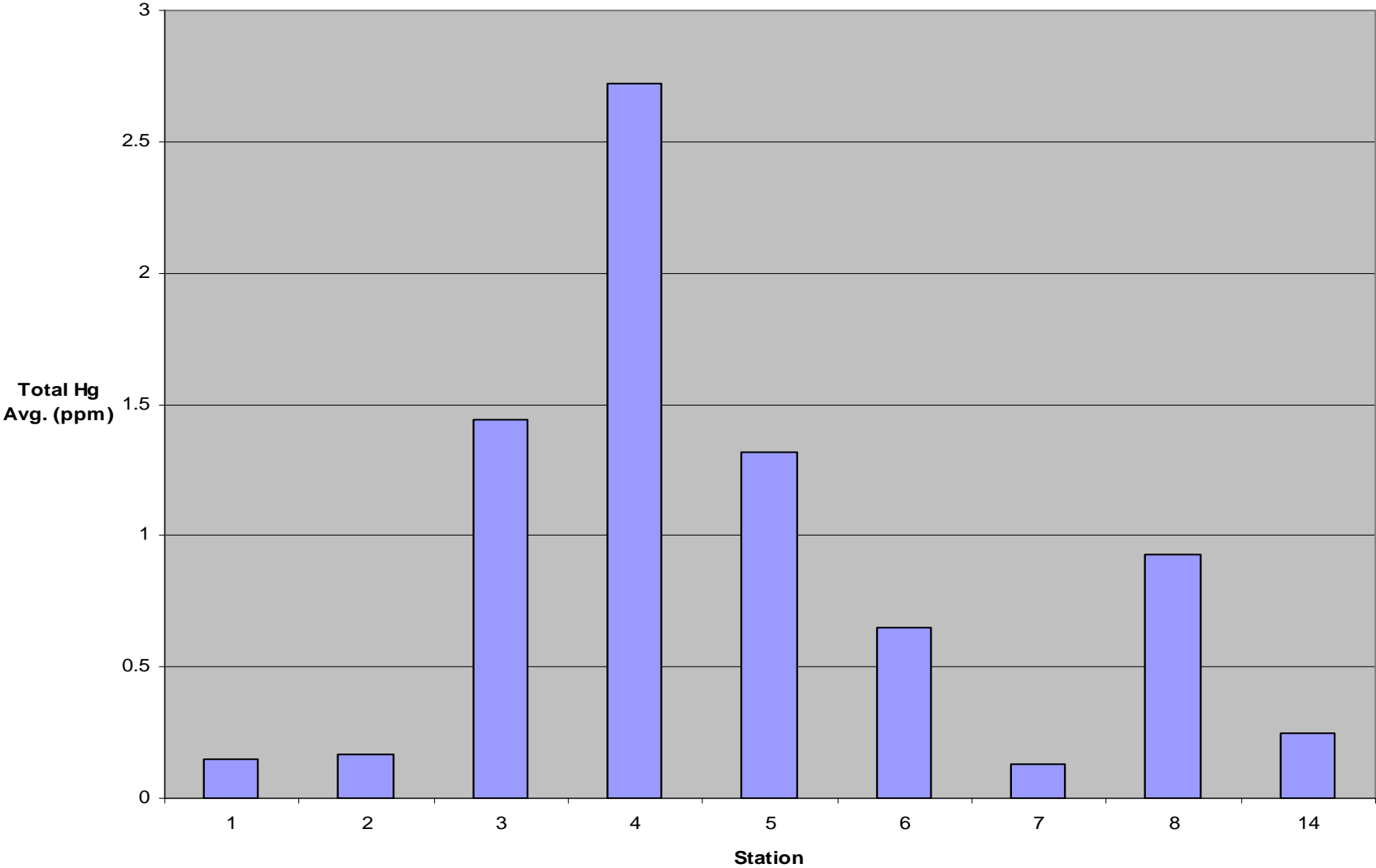
REDBREAST SUNFISH AVERAGE MERCURY LEVELS



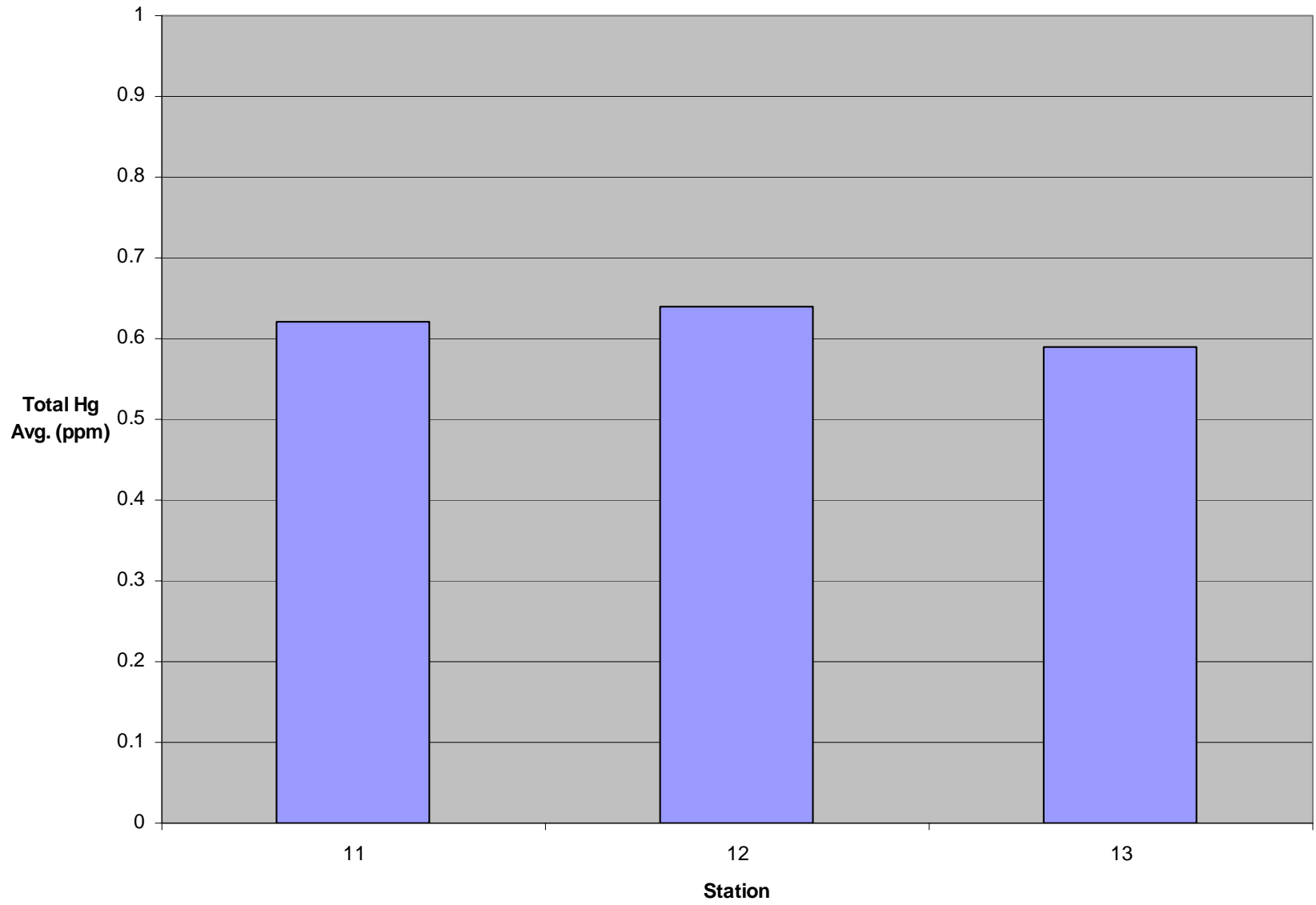
ROCK BASS AVERAGE TOTAL MERCURY LEVELS



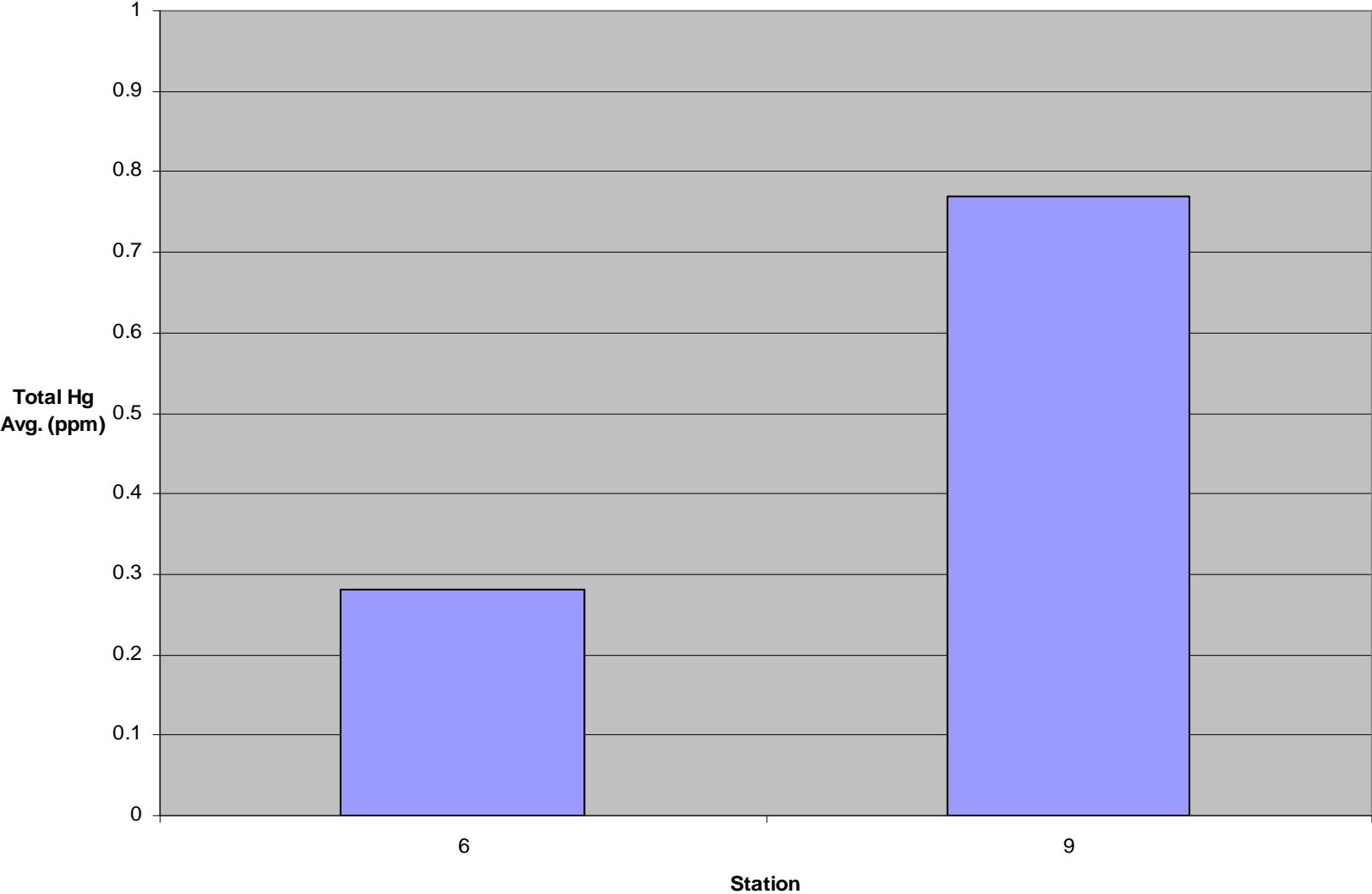
WHITE SUCKER AVERAGE TOTAL MERCURY LEVELS



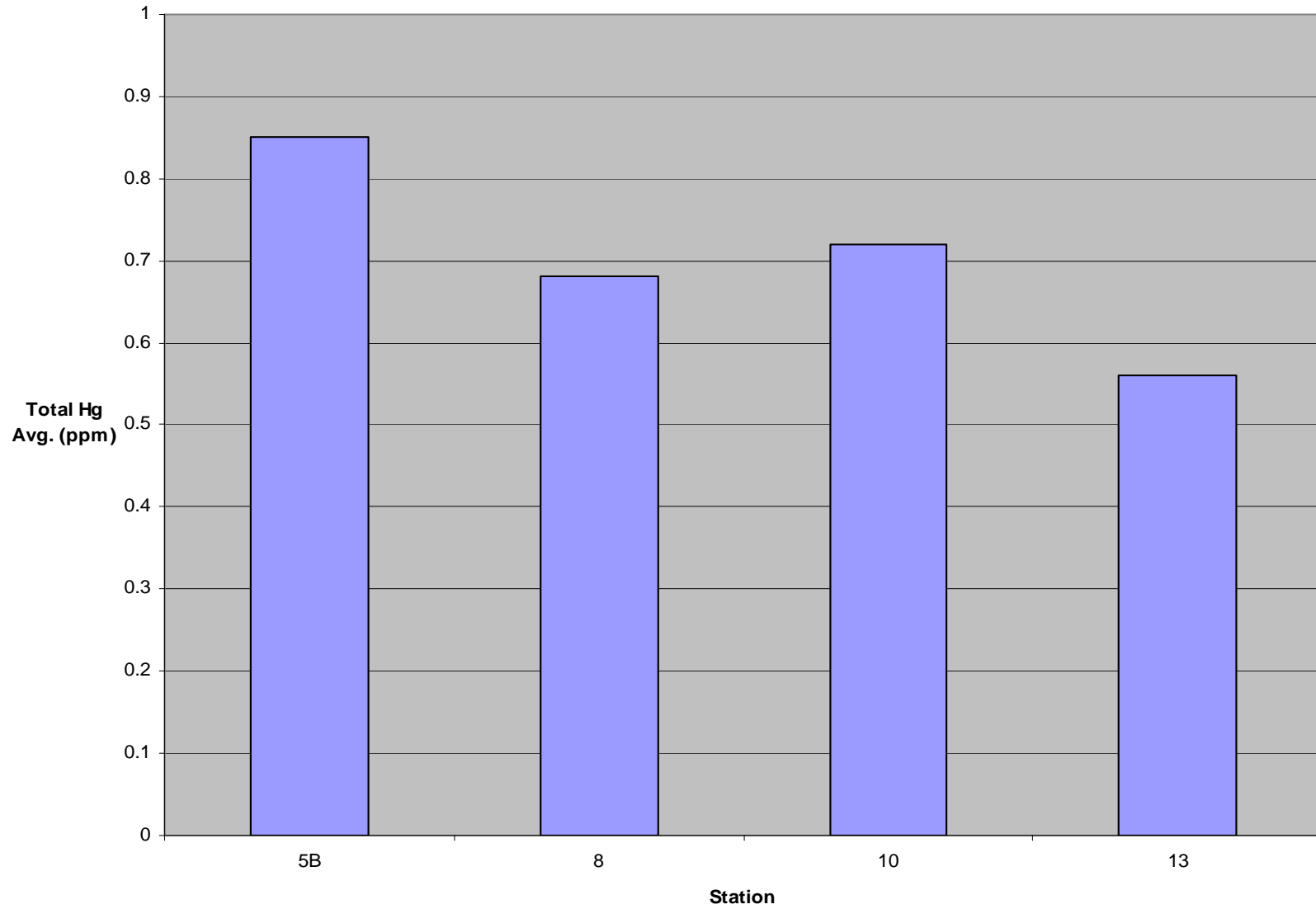
NORTHERN HOGSUCKER AVERAGE TOTAL MERCURY LEVELS



REDHORSE AVERAGE TOTAL MERCURY LEVELS



CHANNEL CATFISH AVERAGE TOTAL MERCURY LEVELS



RAINBOW TROUT AVERAGE TOTAL MERCURY LEVELS

