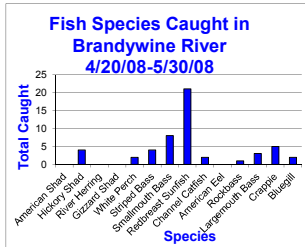


Time Period	Project Title	PI	Station Location	American Alewife	American Eel	American Shad	Banded Killifish	Black Crappie	Blacknose Dace	Blueback Herring	Bluegill	Bridle Shiner	Brown Bullhead	Channel Catfish	Common Carp	Common Shiner	Creek Chub	Creek Chubsucker	Cutlips Minnow	Fallfish	Hickory Shad	Gizzard Shad	Golden Shiner	Golden Trout	Largemouth Bass	Longnose Dace	Menhaden	Muskellunge	Needlefish	
Feb 1, 1986 - Apr 30, 1991	Stream and Inland Bays Fish Survey	/Craig Shirey	At NJ 221 crossing (Wooddown) - NON_TIDAL		112						10	13	1			7														
Feb 1, 1986 - Apr 30, 1991	Stream and Inland Bays Fish Survey	/Craig Shirey	At Hagley Museum - NON-TIDAL		15																									
Feb 1, 1986 - Apr 30, 1991	Stream and Inland Bays Fish Survey	/Craig Shirey	Brandywine Creek near Market St. - TIDAL	20	7								12	11	6															
Feb 1, 1986 - Apr 30, 1991	Stream and Inland Bays Fish Survey	/Craig Shirey	Brandywine Creek fish ladder 1 near Market St. - TIDAL	86	80			2		16	4		7	7																
Feb 1, 1986 - Apr 30, 1991	Stream and Inland Bays Fish Survey	/Craig Shirey	At railroad crossing - TIDAL							5	2		4	3	9															
Feb 1, 1986 - Apr 30, 1991	Stream and Inland Bays Fish Survey	/Craig Shirey	near the mouth, 7th St marina - TIDAL					1		5	3		11	2	20															
Aug 1, 1995 - Jul 31, 1996	Instream Flow Analysis of Streams	/Michael J. Stangl	Total # of fish caught Augustine Cutoff to Baynard Blvd.		22		2		4	5	34				38		3	1												
Aug 7 and Aug 13, 1997	Smallmouth bass Assessment	/Michael J. Stangl	City Dam to Van Buren Rifles_NONTIDAL		403																									
Aug 15 and Sep 4, 1997	Smallmouth bass Assessment	/Michael J. Stangl	Van Buren Rifles to Market (West) Street Dam_NONTIDAL																											
Jun 3 and Jun 19, 1998	Smallmouth bass Assessment	/Michael J. Stangl	City Dam to Van Buren Rifles_NONTIDAL			9		1																						
Aug 15 and Sep 4, 1997	Smallmouth bass Assessment	/Michael J. Stangl	Van Buren Rifles to Market Street Dam_NONTIDAL																					2						
Apr 6, 18, 27, May 9, 23, 2016	Dam removal downstream fish survey	Ian Park	Downstream of Dam 1 to North Church Street on east bank	1	4	3				5	9			10	36						2	76			1		1			
June 1, 2016	Dam removal upstream fish survey	Johnny Moore	Upstream of Dam 1 to Dam 2		15	6					8			2	5															
Apr 24 and May 31 2017	Dam removal downstream fish survey	Ian Park	Downstream of Dam 1 to North Church Street on east bank		2	5								22	7						6	35								
April 27 and May 11 2017	Dam removal upstream fish survey	Johnny Moore	Upstream of Dam 1 to Dam 2		14	9					6			3	14								6							

Greg Murphy data 2006
alopocas north - non-tidal
Additional non-tidal smallmouth bass data available from
State line to Alopocas only.

- Species**
Largemouth bass
Smallmouth bass
Pumpkinseed
Redbreast sunfish
bluegill
White sucker
Northern hog sucker
fathead
margined madtom
tessellated darter
rock bass
brown bullhead
yellow bullhead
American eel
cutlips minnow
satinfin shiner
swallow tail
Common shiner
Common carp
Gizzard shad
Brown trout
black crappie
rainbow trout

Targetted Fish Species	Percent
Shad	37
Bass	21
Rockfish	5
Any/All	32
No Answer	5
Total	100



Species	Number Caught	Total Caught
American Shad		0
Hickory Shad	1	4
River Herring		0
Gizzard Shad		0
White Perch		2
Striped Bass		4
Smallmouth Bass	2	8
Redbreast Sunfish	1	21
Channel Catfish	1	2
American Eel		0
Rock Bass	1	1
Largemouth Bass	2	3
Crappie		1
Bluegill	2	5
		52

Sportfishing Tournament Citation data

SPECIES	SEX	CLS	LENGTH	GIRTH	WHERE	WATERTYPE	YEAR
AMERICAN SHAD	M	1	21.0	34.0	BRANDYWINE RIVER	F	2008
AMERICAN SHAD	M	1	20.0	34.0	BRANDYWINE RIVER	F	2008
AMERICAN SHAD	M	1	20.0	34.0	BRANDYWINE RIVER	F	2008
AMERICAN SHAD	F	1	21.0	34.0	BRANDYWINE RIVER	F	2008
AMERICAN SHAD	M	1	20.0	34.0	BRANDYWINE RIVER	F	2008
AMERICAN SHAD	F	1	20.0	34.0	BRANDYWINE RIVER	F	2008
AMERICAN SHAD	M	1	20.0	34.0	BRANDYWINE RIVER	F	2008
AMERICAN SHAD	F	1	20.0	34.0	BRANDYWINE RIVER	F	2008

Northern	Redbreast	Rock	Satinfish	Silvery	Smallmouth	Spot	Spottail	Spottail	Striped	Striped	Tessellated	Tiger	White	White	White	Yellow	Yellow	
Hogsucker	Pumpkinseed	Sunfish	Bass	Shiner	Minnow	Bass	Shiner	Shiner	Bass	bass hybrid	Darter	Musky	Walleye	Catfish	Perch	Sucker	Bullhead	Perch
	6	25	57	4		5	9	1			1			7	1	85	3	
	3	28	33			6	4				1							
1	14	19	1	8		21	2	6	7	1	1	1	2	3	55	59		49
	2	41	14	4		5		4								12		2
	1	2				2		14	3	1			1	2		53		9
	5	5		9		3			34			1				36		18
	14	514	102	77		111		2			14				3	29		
						70												
						110												
						186								1				
						157												
						6			28			6			18	18		18
			5			2						2				17		
												2			6	14		6
1			9									7				90		11