

THE SECOND MOTOR-BOAT RACE.

The second of the American Power Boat Association's races took place on the Hudson River Saturday, June 11. As a social event the affair was very successful; as a demonstration of the efficiency and speed of the automobile boat, not quite so much can be said. There were sixteen starters, and of these at least four were disabled during the races.

W. K. Vanderbilt's "Hard Boiled Egg," which did not compete in the previous race, appeared on this day and was steered throughout the races by her owner. The craft is fitted with the Mors engine of 60 horse-power which Mr. Vanderbilt has had transferred from one of his automobiles. The boat is 35 feet on the water line, and 40 feet over all. The builder, Robert Jacob, acted as Mr. Vanderbilt's assistant. The "Hard Boiled Egg" competed in the class for automobile boats over a 24-knot course. She finished third, the "F. I. A. T. No. 1" and the "Shooting Star" finishing ahead of her. The former made a good showing, though not developing the speed that had been looked for. The "F. I. A. T. No. 1" is 35 feet over all, and 30 feet on the water line. She derives her power from a F. I. A. T. engine of 35.17 horse-power. Her owner, C. H. Tangeman, steered her throughout the race. The "Shooting Star," a new-

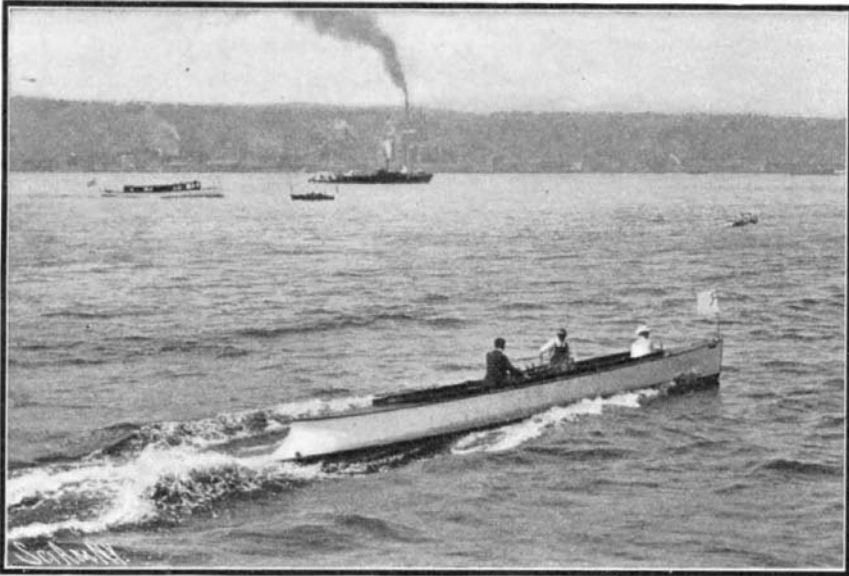
all, went over the course in the wrong class and therefore made no record. She also had temporary trouble with her engine.

In the cabin class the "Queen Bess," owned by R. N. Stevens, fitted with a Standard engine, finished ahead of all the others; the "Regina," owned by D. L. Clayton and having a Speedway engine, coming in second. The other boats in this class were the "Senta," owned by F. G. Mead, with a Howard engine; the "Aletes II," owned by R. C. Fisher, with a Standard engine, and the "Getty," owned by Morris Vail, with a Howard engine.

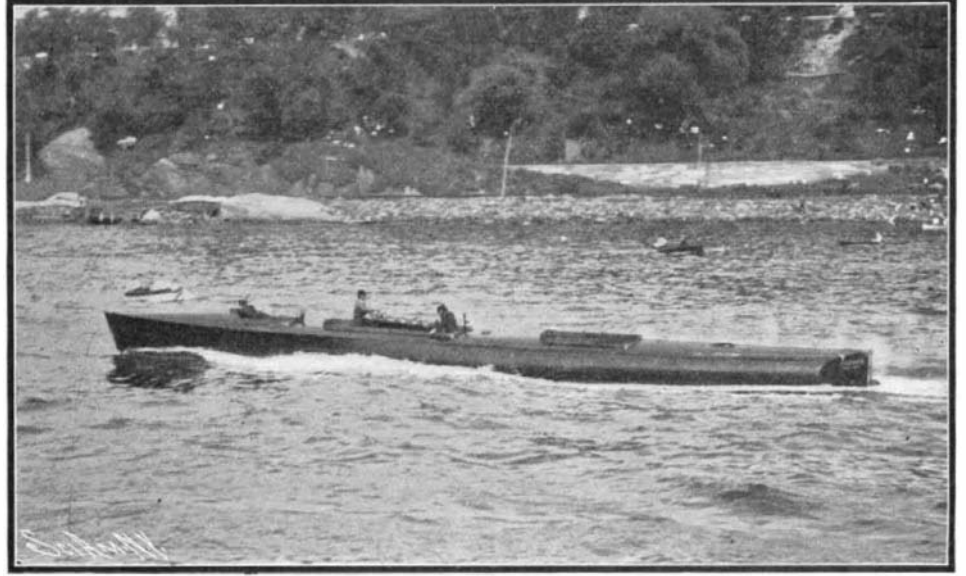
The "Nada," owner C. A. Godschalk, with her 3 1/2 horse Giant engine, made excellent time over the 12-mile course, finishing in 1:24:17, her only competitor



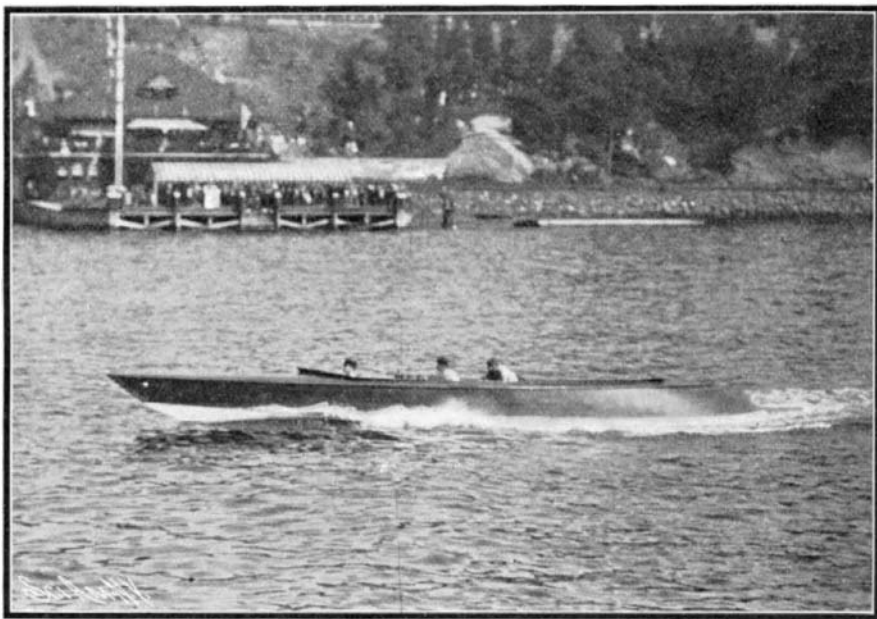
W. H. Barrows' "San Toy."



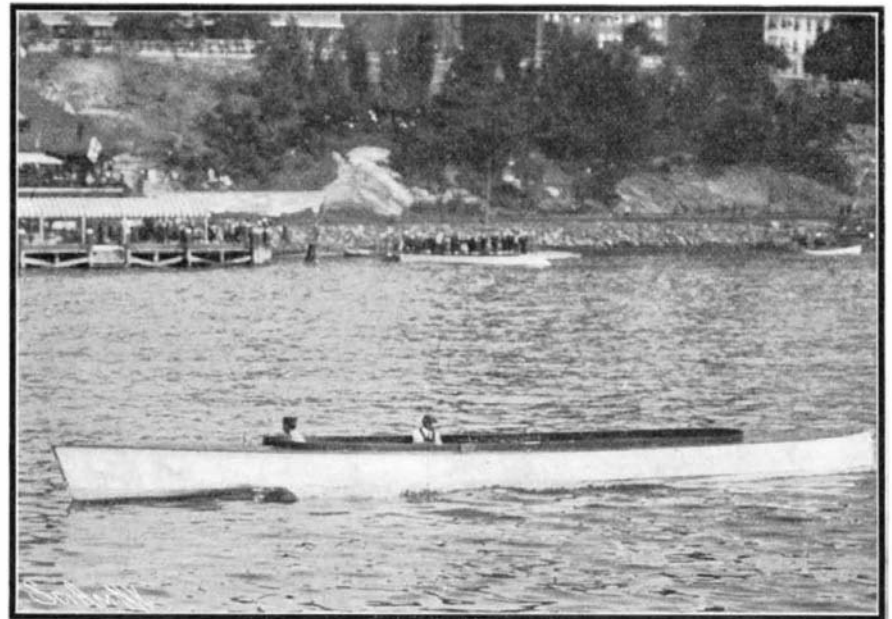
George W. Childs Drexel's "Alert."



C. C. Riotti's "Standard."



W. K. Vanderbilt, Jr.'s "Hard Boiled Egg."



H. A. Lozier, Jr.'s "Shooting Star."

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comer, which finished second, is owned by H. A. Lozier, Jr., and has a Lozier engine of 27.14 horse-power.

Another boat that made her maiden appearance on this day was the "Alert," owned by George W. Childs Drexel, of Philadelphia. She was driven by a Speedway six-cylinder engine, and was matched against the "Japansky" and "The Standard" over a course of 32 nautical miles. The "Alert" slipped a clutch, however, on the first round and was thereby incapacitated temporarily. The "Japansky," with a racing length of 70.35 feet, owned by J. H. Waldorf and fitted with a "Speedway" engine of 40.99 horse-power, was easily defeated by the "Standard" with a racing length of 36.05 feet, owned by C. C. Riotti, which has a 110 horse-power engine. The "Standard" made an excellent showing and covered the course in 1:41:27. Frank Seaman's "Water Lily," equipped with a Speedway engine of about 40 horse-power, and 47 feet 5 inches over

being the "Kotic," owned by C. A. Paine. In the 16-mile event the "San Toy," owned by W. H. Barrows, was the winner, with the "Ardis," R. M. Haddock owner, second. The "Kaa," J. J. Amory's boat, was also in this class, but did not finish.

The summary of the races is given herewith:

CLASSES B, C, D.			
Course 16 nautical miles. Start, 2.35 P. M.			
Boat and Owner	Finish Time	Elapsed Time	Corre'd Time
	H. M. S.	H. M. S.	H. M. S.
"Queen Bess," R. N. Stevens.....	4 34 35	1 59 35	1 42 10
"Regina," D. L. Clayton.....	4 37 30	2 03 30	1 47 02
"Senta," F. G. Mead.....	4 46 07	2 11 07	1 51 41
"Aletes II," R. C. Fisher.....	4 31 39	1 56 39	1 53 39
"Getty," Morris Vail.....	5 15 48	2 40 48	2 54 11
The "Queen Bess" was winner, with the "Regina" second and the "Senta" third.			
CLASSES H, I, AND J.			
Sixteen nautical miles. Start, 2.40 P. M.			
"San Toy," W. H. Barrows.....	4 14 04	1 34 04	1 33 01
"Ardis," R. M. Haddock.....	4 14 34	1 34 34	1 34 34
"Kaa," J. J. Amory.....	Did not finish.		
The "San Toy" was winner.			

CLASSES K AND L.			
Twelve nautical miles. Start 2.45 P. M.			
Boat and Owner	Finish Time	Elapsed Time	Corre'd Time
	H. M. S.	H. M. S.	H. M. S.
"Nada," C. A. Godschalk.....	4 09 27	1 24 27	1 24 17
"Kotic," C. A. Paine.....	Did not finish.		

CLASSES P, Q, AND R.			
Automobile boats, 32 nautical miles. Start 2.50 P. M.			
"Standard," C. C. Riotti.....	4 31 27	1 41 27	1 41 27
"Japansky," J. H. Waldorf.....	5 11 33	2 21 33	2 19 00
"Alert," G. W. C. Drexel.....	Did not finish.		
The "Standard" was winner.			

CLASSES S, T, AND V.			
Automobile boats, 24 nautical miles. Start 2.55 P. M.			
"F. I. A. T. No. 1," C. H. Tangeman.....	4 26 07	1 31 07	1 23 24
"Shooting Star," H. A. Lozier, Jr.....	4 27 01	1 32 06	1 30 55
"Hard Boiled Egg," W. K. Vanderbilt.....	4 32 21	1 37 21	1 37 21
"Water Lily," Frank Seaman.....	Did not start in her class.		
The "F. I. A. T." was winner, the "Shooting Star" second, and the "Hard Boiled Egg" third.			

Soap from the Fruit of a Tree.

The Leicester Hosiery Trade Journal contains an account of an enterprise in Algeria to manufacture natural soap on a large scale from a tree known as *Sapindus utilis*. This plant, which has long been known in Japan, China, and India, bears a fruit of about the size of a horse-chestnut, smooth and round. The color varies from a yellowish green to brown. The inner part is of a dark color and has an oily kernel. The tree bears fruit in its sixth year and yields from

55 to 220 pounds of fruit, which can easily be harvested in the fall. By using water or alcohol the saponaceous ingredient of the fruit is extracted. The cost of production is said to be small and the soap, on account of possessing no alkaline qualities, is claimed to be superior to the ordinary soap of commerce.

In a recent communication from United States Consul-General Bellows, at Yokohama, the attention of American manufacturers and inventors is called to the fact that those doing business in Japan are threatened with a serious state of affairs owing to the actions of certain persons in that country who have been lately registering a number of the most famous American trade marks. This has put to a standstill the business covered by such trade marks except when purchased through the persons who have wrongfully registered them.