QUANTITIES OF ARSENIC.

Continued from First Page.

bottom of the pitcher, and subjected it to similar processes to those described in The Tribune yesterday morning. As the result of the analysis, he found that the sediment contained both arsenic and antimony. The witness also described the chemical process to which he had subjected the matter elected by Mrs. Bliss. To complete the chain the witness described his analysis of the contents of the stomach. He identified the bottle which held it and the color when it was delivered to him. It contained four cubic centimetres, and the test was applied to two cubic centimetres by boiling it in hydrochloric acid, in which small strips of copper had been immersed. When this mixture was examined after standing for sixteen hours, the strips were removed and dried, and placed in a test tube, the matter being heated through a glass. By that means was obtained a product, which was dissolved in water. To this was added nitric acid and nitrate of silver, so revealing the presence of the constituents of arsenic.

SCIENTIFIC TESTS.

Q.—Does that complete the list of articles submitted to you for analysis? A.—It does.

Q.—Were the processes you have described to us all that you did? A.—No; in every case I made some additional test which I did not note down nor have I described.

Q.—Are the tests you employed the tests adopted by scientists for the recognition, identification and isolation of arsenic and antimony? A.—The processes I adopted are such as are recognized by scientific men in this country and Europe, and more particularly I adopted them for the reason that I approved of them myself.

"Now, Dr. Mott," asked counsel slowly and distinctly, "having used the tests you have made, and having made a quantitative and qualitative analysis of the articles submitted to you, how much do you estimate was the total amount of arsenic found in the articles submitted to you, with the exception of the pie?"

Mr. Brooke immediately objected to the collective nature of the reply asked for, and Dr. O'Sullivan consented at the suggestion of the Recorder to withdraw the question, and put seriatim interrogations. Going on to do this he asked, "From People's Exhibit H, marked 'contents of stomach of Mrs. E. M. Bliss,' what did you separate?"

AMOUNT OF POISON.

"I separated therefrom tri-oxide of arsenic, or what is ordinarily known as arsenic, 13.226 grains." With a view probably to impress the figures on the minds of the jury, Dr. O'Sullivan repeated his question and received a similar answer, with the addition that the witness said that he only examined a portion of the contents of the stomach, and was proceeding to state what was the total amount of arsenic in the exhibit, as derived from the knowledge gained from his analysis, when Mr. Brooke stopped him with an objection to the giving of any evidence of calculated results. Dr. O'Sullivan endeavored to get the evidence admitted. "It is surely competent," he protested. "If this witness only takes a portion of the contents of the stomach and makes a percentage examination, he is justified in saying how much is the whole of the arsenic by comparison, contained in the contents of the stomach." The Recorder suggested that the point might be reached in a way more in accordance with legal procedure. Dr. O'Sullivan then elicited from the witness that he had not isolated the whole of the arsenic from the contents of the stomach. The cologne bottle still contained a portion of the contents taken by Dr. O'Hanlon from the body of Mrs. Bliss, and Dr. Mott testified that those contents still contained mineral poison. Neither did he separate all the antimony from the exhibit.

Asked how much antimony he had actually separated from the fluid of the stomach, Dr. Mott replied that the amount of antimony, calculated as tartar emetic, was 229 grains.

"Now, on a percentage calculation," asked counsel, "how much do you estimate was the total amount of antimony in the exhibit marked H?" Despite a further objection by Mr. Brooke, the witness was allowed to reply, and testified that, altogether in the contents of the stomach were 1.013 grains of antimony.

"And how much do you estimate," next asked Dr. O'Sullivan, "was the total amount of the arsenic in the contents of the stomach?" "I estimate," returned the witness, "that there were 15.004 grains in the exhibit marked 'Contents of stomach of Mrs. E. M. Bliss.'"

GREWSOME EXHIBIT.

The decanter in which was placed half of the stomach taken from Mrs. Bliss's body was next brought forward in evidence, when Mr. Brooke put in the same objections as in the case of the other exhibits. As Mr. Brooke interposed, Dr. O'Sullivan sat down with an impatient gesture and said something in an undertone to his colleague, Mr. McIntyre. Mr. Brooke, however, heard the whisper, and exclaimed: "Dr. O'Sullivan, you have no right to make such a side remark as that."

"I was saying nothing publicly," retorted Dr. O'Sullivan; "I was merely consulting with my associate. You ought not to have such long ears."

"And you," shouted back Mr. Brooke, "should not have such a long mouth. The jury could hear what you said."

POISON IN THE TISSUES.

Dr. Mott, continuing his evidence, said he found in the tissues of the stomach .1251 grains of arsenic and .0273 grains of antimony. He had only analyzed half of the stomach, and on the percentage basis, he estimated that the total quantity of arsenic in that organ was .663 grains, and of antimony .1446 grains.

In the cases of the last vomit of Mrs. Bliss and the pitcher, Dr. Mott said he had made no estimate of the quantity of arsenic and antimony contained in these exhibits, but had simply demonstrated their presence.

The Recorder asked the witness to inform the Court what the total amount was of the arsenic and antimony in the contents of Mrs. Bliss's stomach, and the organ itself, apart from the vomit and the pitcher, where no estimation was made. The witness called for a paper pad, and after figuring out the various results, declared that the actual amount of arsenic separated from the contents of the stomach, in conjunction with the arsenic in the stomach itself, was 13.3511 grains. The total amount of antimony separated in the same way was .2563, or slightly more than a quarter of a grain. The total amount of the two poisons combined was 13.3551, or a little over thirteen and one-third grains.

ANOTHER SERIES OF TESTS.

Dr. Mott testified that on December 3 last he was asked by the authorities of the District Attorney's office to make another series of examinations. The articles submitted to him consisted of a tea tray, a small Japanese jar, some cut-loaf sugar, a portion of carpet taken from the bedroom at the Colonial Hotel, the cover of a tin pail and another piece of carpet taken from the front of the bedrooms occupied by Mrs. Fleming. All of these articles were delivered to him at his private laboratory by Acting Inspector McCullagh and Assistant District-Attorney Miller on December 3.

Before Dr. Mott could add anything more to his testimony Mr. Brooke put on record an emphatic objection, and protested against any further reference to the exhibits on the ground that so far there had not been a particle of evidence to show that any of the things had ever been in possession of the defendant, or, in fact, that she had ever seen them.

Had the objection succeeded, the prosecution would have been greatly handicapped in the presentation of its prepared case, and consequently Mr. McIntyre strove for over twenty minutes to combat Mr. Brooke's objection. "It was testified here by Mr. Anderson, the manager of the Colonial Hotel," said Mr. McIntyre, "that on June 6 the defendant entered into the occupation of rooms Nos. 71 and 73 at that hotel, and retained that possession until September 3. Mr. Anderson has proved that her goods and property were taken to these rooms on the first date, and that she was in the enjoyment of everything in the rooms until September 3. On September 4 an officer went to those rooms and took therefrom the exhibits now marked for identification. The presumption is that possession was continuous. It is not necessary in this, or in any other case, that there must be shown a continuous actual physical possession. It is sufficient to establish a constructive possession, and I submit upon the evidence in this case there is sufficient testimony from which a proper inference can be drawn, demonstrating that the defendant had enjoyed the ownership of these things."

Mr. McIntyre then quoted "Phillips on Evidence" and other authorities, and held that it had been a rule ever since the existence of jurisprudence in this country that presumptive and constructive evidence was competent testimony to submit to a jury.

THE PROSECUTION WINS.

Mr. Brooke referred at length to the defects in the evidence as connecting the possession of the articles by Mrs. Fleming, but eventually Mr. Brooke's objection was overruled and Dr. Mott went on with his evidence.

From the tray submitted to him, he said, he removed from its surface a substance which he found to be composed in part of arsenious sulphide and antimonious sulphide. In some places he also found in the deposit taken from the surface of the tray some tartar emetic. One of the characteristics of his investigation was that in some parts of the tray arsenic predominated and in others antimony, while he also found that in some spots the two substances were intermixed. From his analysis of the substances obtained from the tray he got mirrors of white arsenic and of antimony. From the Japanese jar, he said, he removed an incrustation in the interior, which he proved contained arsenic.

The cut-loaf sugar and the carpet were next submitted as evidence, but on Mr. Brooke's objection they were excluded. The Recorder held that the former was too common an article of commerce to be properly and completely open to identification, and it had been proved, he pointed out, that the rooms from which the carpet had been taken were occupied, before the carpet's removal, by several people.

The cover of the tin pail in which the poisoned clam chowder is alleged to have been carried was, Dr. Mott testified, also chemically examined by him. He discovered thereon antimony, but no traces of arsenic.

NO ATTEMPT TO COMBAT DR. MOTT'S TESTIMONY.

Earlier in the day, at the recess, it was said in court that the defence would not attempt to combat the evidence of Dr. Mott, and as it turned out the prediction was true. Mr. Brooke's cross-examination of Dr. Mott was extremely short. The substance of the replies to the cross-questions was that Dr. Mott began the analysis of the contents of the stomach on November 11 and completed it on November 22, and began the analysis of the stomach on November 12, and finished on December 3. For the examination of the vomit only two days were necessary. The witness admitted, however, that he had not searched for volatile poison, vegetable poison, or ptomaines.

DR. SCHEELE'S TESTIMONY.

Dr. Walter T. Scheele was then called, and said he received from Coroner's Clerk Malone the stomach of Mrs. Bliss, which was contained in a decanter. He divided the organ, retained one-half, and the other portion was taken away again by Mr. Malone. The greater part of Dr. Scheele's subsequent testimony was devoted to a technical description of the analytical process he had employed, but before the court adjourned the witness got the opportunity to testify that he had also subjected the stomach to a mechanical examination, and with the aid of a minute pair of pincers had extracted about six grains of arsenic crystals.

The court then adjourned until 10:30 this morning.

BROOKLYN DRAWS A ZERO.

WITH ELEVEN HITS, THE HOME TEAM FAILS TO SCORE.

CINCINNATI'S PITCHER PROVES STRONG AT CRITICAL POINTS—NEW-YORK DEFEATS ST. LOUIS EASILY.

GAMES YESTERDAY.

Cincinnati, 6, Brooklyn, 0.	Philadelphia, 7, Pittsburg, 6.
New-York, 13; St. Louis, 3.	Cleveland, 7; Baltimore, 1.
Boston, 8; Chicago, 3.	Washington, 10; Louisville, 6.

The tail-enders had a siege of it yesterday. Washington defeating Louisville, while the New-York team won a game from the demoralized St. Louis collection of hungry-looking hired men. Cleveland's victory over the champions at Baltimore enables the Spiders to take the lead in the race for the pennant.

The most interesting game in this neighborhood yesterday, and the one to attract the largest attendance, was the contest at Eastern Park, Brooklyn, between the Cincinnati and the Brooklyn teams. "Buck" Ewing, once the leader of the ex-Giants, deserves credit for the businesslike manner in which he is handling the Cincinnati team. This team has played consistently from the start, and the excellent work being done on the Eastern trip is a new record for a Cincinnati club.

About thirty-five hundred people went to the grounds at East New-York to witness the game yesterday. The home players outbatted their opponents, but they could not make their hits count, and they were not only beaten, but shut out. Ehret was particularly effective at trying points in the contest. Jones and Burrell batted well, to no purpose. The score:

BROOKLYN.

	ab	r	1b	po	a	e
Griffin, cf	5	0	2	1	0	0
Jones, rf	3	0	3	1	0	0
Lachance, 1b	4	0	0	13	2	0
Corcoran, ss	4	0	1	1	2	1
Shindle, 3b	2	0	0	3	4	0
McCarthy, lf	4	0	1	0	0	0
Shoch, 2b	3	0	0	1	3	0
Burrell, c	4	0	3	6	0	1
Stein, p	4	0	1	1	4	0
Totals	33	0	11	27	15	2

CINCINNATI.

	ab	r	1b	po	a	e
Burke, lf	5	1	1	0	2	1
Hoy, cf	3	0	0	3	0	0
Miller, rf	5	1	1	3	0	0
McPhee, 2b	5	0	1	3	3	0
Ewing, 1b	2	1	0	12	1	0
Smith, ss	4	1	1	1	4	1
Irwin, 3b	2	2	2	0	1	0
Vaughn, c	3	0	2	3	1	0
Ehret, p	3	0	1	2	0	0
Totals	32	6	9	27	12	2

Brooklyn	0	0	0	0	0	0	0	0	0	0
Cincinnati	0	0	0	0	0	1	2	3	x	6

Earned runs—Brooklyn, 0; Cincinnati, 3. First base on errors—Brooklyn, 1; Cincinnati, 11. Left on bases—Brooklyn, 10; Cincinnati, 17. Bases on balls—Off Stein, 5; off Ehret, 2. Struck out—By Stein, 2; by Ehret, 1. Three-base hit—McPhee. Two-base hit—Irwin. Sacrifice hits—Hoy, Vaughn, Shindle, Ehret. Double plays—Shindle and Lachance. Stolen bases—Burke, Ewing (2). Umpire—Mr. Sheridan. Time of game—1:54. Attendance—3,000.

NEW-YORK, 13; ST. LOUIS, 3.

The aggregation sent on the road to help the other League teams increase their winning percentages held forth at the Polo Grounds yesterday afternoon. Of course the home team outplayed the sorry-looking crew from the West at every point and won as it pleased. Breitenstein left the box after the second inning and "Jiggs" Parrott tossed the ball during the remainder of the game. Compfield was put in to pitch with the idea of "trying him out on the dogs." Cross was hit in the head by a line drive from Connaughton's bat in the second inning, but recovered and played out the game. The score:

ST. LOUIS.

	ab	r	1b	po	a	e
Dowd, cf	4	1	3	0	0	0
Niland, lf	4	0	0	0	1	0
Quinn, 2b	4	1	0	1	2	0
Connor, 1b	4	0	1	11	1	0
Parrott, rf, p	4	0	1	0	1	0
Meyers, 3b	4	0	2	2	1	1
Cross, ss	4	1	1	1	4	1
Murphy, c	4	0	2	3	1	2
Br'nst'n, p,lf	4	0	0	3	1	1
Totals	36	3	8	24	12	5

NEW-YORK.

	ab	r	1b	po	a	e
V'n H'l'n, cf	5	2	3	4	1	0
G. Davis, 3b	4	2	3	1	1	1
Tiernan, rf	3	2	2	4	0	0
Gleason, 2b	5	0	1	3	6	0
Connaughton, ss	5	2	3	3	1	0
Clark, 1b	4	2	2	9	0	0
H. Davis, lf	4	1	1	1	0	0
Farrell, c	4	0	2	3	0	0
Campfield, p	5	1	1	0	1	1
Totals	39	13	18	27	10	2

St. Louis	2	0	0	1	0	0	0	0	0	3
New-York	0	5	2	0	0	2	0	4	x	13

Earned runs—St. Louis, 1; New-York, 8. First base by errors—St. Louis, 1; New-York, 1. Left on bases—St. Louis, 8; New-York, 8. First base on balls—Off Breitenstein, 1; off Parrott, 2; off Campfield, 1. Struck out—By Breitenstein, 1; by Parrott, 1; by Campfield, 2. Three-base hits—Van Haltren, Clark. Two-base hits—Connor, Murphy, G. Davis. Stolen bases—Cross, Van Haltren, Tiernan, Gleason. Sacrifice hits—H. Davis, Farrell. Double play—Connor (unassisted). Passed ball—Farrell. Wild pitch—Parrott. Hit by pitched ball—By Parrott, 1; by Campfield, 1. Umpire—Henderson. Time—1:49.

THE RECORDS.

Clubs.	Won.	Lost.	P.c.	Clubs.	Won.	Lost.	P.c.
Cleveland	22	12	.647	Pittsburg	18	18	.500
Baltimore	23	14	.641	Washington	18	19	.486
Cincinnati	23	15	.625	Chicago	19	22	.475
Boston	23	15	.605	New-York	17	22	.436
Philadelphia	24	16	.600	St. Louis	11	28	.282
Brooklyn	19	19	.500	Louisville	9	30	.231

WASHINGTON, 10; LOUISVILLE, 6.

Washington, June 4.—The home team made a rally at the bat in the eighth and ninth innings to-day, and won out by a good margin. Up to that time McDermott had been very effective. King pitched excellent ball for Washington, and but for slow fielding would have kept the basehits down to a small number. Attendance, 1,100. The score:

Washington	2	0	1	0	0	0	0	3	4	—10
Louisville	2	0	0	0	0	1	2	0	1	—6

Basehits—Washington, 13; Louisville, 12. Errors—Washington, 1. Batteries—King and McGuire; McDermott and Miller. Umpire—Emslie.

BOSTON, 8; CHICAGO, 3.

Boston, June 4.—Dropped balls by Dahlen and Pfeffer gave the Bostons four of their runs to-day. The best batting of the game was done by the home team in the sixth, when they took the lead and earned four runs on three singles and two doubles. Attendance, 4,621. The score:

Boston	0	0	0	0	1	4	3	0	x	—8
Chicago	0	0	0	1	0	0	2	0	0	—3

Basehits—Boston, 8; Chicago, 9. Errors—Boston, 2; Chicago, 5. Batteries—Sullivan and Tenny; Parker and Kittridge. Umpire—Lynch.

CLEVELAND, 7; BALTIMORE, 1.

Baltimore, June 4.—The champions could do nothing with Cuppy's delivery to-day, and they made errors enough to allow the Clevelands to land an easy victory. Rain was in the air all the afternoon, but 5,320 persons ventured out. The score:

Baltimore	0	1	0	0	0	0	0	0	0	—1
Cleveland	0	1	0	0	2	0	2	2	0	—7

Basehits—Baltimore, 7; Cleveland, 11. Errors—Baltimore, 7. Batteries—McMahon and Robinson; Cuppy and O'Connor. Umpires—Keefe and Weidman.

PHILADELPHIA, 7; PITTSBURG, 6.

Philadelphia, June 4.—Philadelphia defeated Pittsburg to-day in the most exciting game played here this season. In the ninth inning, with the score 4 to 3 in favor of the home team, the visitors scored three runs on singles by Morritt and Hawley and a home-run hit by Smith. Philadelphia, however, batted Hawley freely in their half of the ninth, and this, with two bases on balls, resulted in three runs being tallied, Sullivan scoring the winning run on Brouthers's hit when two were out. Attendance, 4,097. The score:

Philadelphia	1	0	2	0	0	0	0	1	3	—7
Pittsburg	0	1	0	1	0	1	0	0	3	—6

Basehits—Philadelphia, 9; Pittsburg, 15. Errors—Philadelphia, 1; Pittsburg, 3. Batteries—Orth and Grady; Hawley and Merritt. Umpire—Mr. Hurst.

OTHER GAMES YESTERDAY.

At Hartford—Metropolitans 11, Hartford 3.
At Syracuse—Syracuse 4, Rochester 5.
At Toronto—Toronto 4, Buffalo 2.
At Newark—Newark 13, New-Haven 5.
At Scranton—Scranton 22, Wilkesbarre 9.
At Springfield—Springfield 8, Providence 6.

YACHTS OF MANY CLASSES.

THE KNICKERBOCKER AND ATLANTIC CLUB REGATTAS TO-MORROW.

LIST OF THE ENTRIES FOR THE TWO CONTESTS—FIRST COMPETITION FOR THE ADAMS CUPS BY THE ATLANTIC YACHT CLUB.

The annual regatta of the Knickerbocker Yacht Club will be sailed to-morrow, wind and weather permitting, under conditions which promise to make it one of the most successful the club has ever held. Yachts enrolled in the fleets of the following clubs have been invited to participate: New-York, Brooklyn, Atlantic, Columbia, Seawanhaka Corinthian, Larchmont, New-Haven, American, New-Rochelle, Pequot Association, Shelter Island, Corinthian Fleet, Riverside, Corinthian, of New-York; Horseshoe Harbor, Indian Harbor, Stamford, Douglaston, Hempstead Harbor, Jamaica Bay, Sea Cliff, Yale Corinthian, Huguenot, Marine and Field, Huntington, New-York Canoe, New-York Athletic and Crescent Athletic.

The yachts are divided into sixteen classes, with prizes ranging in value from $15 to $35, and will include contests for the special 30-footers, 21-footers and half-raters, in which there will be no time allowance. The courses will be as follows:

For schooners, 51-foot and 43-foot classes of sloops and yawls—To and around all buoys, on Execution Rock Shoals and return, leaving said buoys on starboard hand; distance, 17.5 nautical miles.

For 36-foot and 30-foot classes of sloops, yawls and catboats and special "30-footers"—To and around Gangway Buoy and return, leaving same on starboard hand; distance, 14.5 nautical miles.

For all other classes—To and around Big Tom Buoy and return, leaving same on starboard hand; distance, 10.5 nautical miles.

Yachts must leave all Government buoys on proper hand, excepting Gangway Buoy, which may be left on either hand by yachts sailing the longest course. All yachts must pass to the westward of Stepping Stones Lighthouse. The spindle on Success Rock may be left on either hand. Racing numbers may be obtained by yachts enrolled in clubs belonging to the Yacht Racing Union of Long Island Sound from Rehm & Co., No. 157 Fulton-st. Yachts enrolled in clubs not belonging to the Yacht Racing Union will be provided with numbers on morning of race at clubhouse. The steamer Wanderer will accompany yachts over course. The Regatta Committee is composed of O. H. Chellborg, chairman; H. Stephenson, J. R. Palmer, C. W. Schlesinger, J. O. Sinkinson, secretary.

The following entries have been received in the various classes:

SPECIAL CLASS—SLOOPS OVER 51 FEET.

Boat.	Owner.	Club.
Arrow	Edward Oliver	Knickerbocker Y. C.
Whileaway	F. H. Boynton	Knickerbocker Y. C.
Active	John F. Phillips	Knickerbocker Y. C.

SLOOPS—FORTY-THREE-FOOT CLASS.

Gipsy	L. H. Shanks	Knickerbocker Y. C.
Gurnard	Louis H. Zucher	Knickerbocker Y. C.
Gladys	Howard Elbee	Knickerbocker Y. C.

SLOOPS—THIRTY-SIX-FOOT CLASS.

Mignon	Joseph Fournier	Knickerbocker Y. C.
Bel Ami	Daniel Noble	Knickerbocker Y. C.
Tempus	J. D. Billard	Knickerbocker Y. C.
Yolande	A. E. and W. H. Kuper	Knickerbocker Y. C.
Edith	George H. Cooper	Knickerbocker Y. C.

SLOOPS—THIRTY-FOOT CLASS.

Herbert B	A. E. Williamson	Knickerbocker Y. C.
Typhoon	Henry Bullmindale	Knickerbocker Y. C.

SLOOPS—TWENTY-FIVE-FOOT CLASS.

Gem	C. L. Strattmeyer	Knickerbocker Y. C.
Doris	Rev. W. E. Johnson	Knickerbocker Y. C.

CABIN CATS—THIRTY-FOOT CLASS.

Molly Bawn	Frank M. Brown	Pavonia Y. C.
Leisure	F. R. Myrick	Knickerbocker Y. C.
Oconee	C. T. Pierce	Riverside Y. C.
Frolic	P. Gauss	Knickerbocker Y. C.

CABIN CATS—TWENTY-FIVE-FOOT CLASS.

Weasel	T. F. Ferris	Riverside Y. C.
Atche	E. A. Fairchild	Knickerbocker Y. C.
Nau	Vice-Com. C. G. Davis	Knickerbocker Y. C.
Sombrette	Dick Chuger	Knickerbocker Y. C.
Jonquil	H. Walter	N. Y. A. C.
Mecca	H. D. Deane	Knickerbocker Y. C.
Mary H	W. E. Ellsworth	Indian Harbor
Dolphin	G. H. Montague	K. Y. C.

OPEN CATS—THIRTY-FOOT CLASS.

J. I. M.	J. I. Merritt	K. Y. C.
Violet	G. A. S. Wieler	K. Y. C.

SPECIAL CLASS—THIRTY-FOOT SLOOPS.

Vaquero III	H. B. Duryea	Larchmont
Wawa	James Stillman	Atlantic
Hera	Ralph M. Ellis	New-York Y. C.

SPECIAL TWENTY ONE-FOOT CLASS.

Houri	E. H. Hart, Jr.	Huguenot Y. C.
Celia	C. A. Gould	American Y. C.

HALF-RATERS.

Willada	W. G. Nekman	K. Y. C.
[illegible]	Chas. H. C. Rouse	Sea Cliff Y. C.
Question	G. D. Huntington	Huguenot Y. C.
Hope	Arthur Iselin	New-Rochelle
Ulmer	W. W. Howard	American Y. C.

SCHOONERS—SIXTY-FIVE-FOOT CLASS.

Gabrielle	J. G. Huntington	Knickerbocker Y. C.
Vanitas	Dr. W. H. Bates	Knickerbocker Y. C.

The Atlantic Yacht Club will hold its first competition for the Adams cups to-morrow afternoon. The competitions are open in the first class to all sloops, cutters and yawls, while the second class will be for cats or boats with mainsails only. The trophies will be a silver centre piece valued at $200 and a silver shell pitcher worth $50. In addition to these the club will award a prize valued at $25 to each yacht winning in her own class, for which purpose all yachts will be classified.

As to-morrow is the regular ladies' day of the club, every woman sailing on a winning yacht will be given a souvenir. The yachts will sail over the regular courses of the club and under the usual regulations for regattas. The entries are as follows:

Sloops—Penguin, George E. Brightson; Swanhanoa, Stephen Leonard; Tigress, James Watt, jr.; Chispa, Edward J. Berger; Cygnet, J. F. Hitchcock; Lulu, R. B. Lynch; Wabasso, H. B. Shaw; Chowtaw, J. Montgomery Strong; Sultan (yawl), J. H. Cromwell.

Cabin cats—Streak, C. H. Larry; Squaw, H. S. Jewell; Ethel, E. J. Berger; Arrow, John M. Sawyer; Oconee, C. T. Pierce; Tabitha, John C. MacEvitt.

Mainsail yachts—Presto, F. M. Randall; Step Lively, F. M. Randall.

The Regatta Committee of the Atlantic Club has also announced that the thirty-first annual regatta will be sailed on Tuesday, June 16, over the outside course. The principal trophies will be the Gould cups. The committee has chartered the steamer General Slocum for the use of members and their guests, and the day promises to be one of unusual importance and interest for the club.

YACHTING ON THE GREAT LAKES.

W. R. CRAWFORD TALKS OF THE COMING INTERNATIONAL AND CLEVELAND RACES.

W. R. Crawford, a well-known member of the Columbia and Chicago yacht clubs, and for two years a member of the Corinthian crew of the 45-foot sloop Rambler, which for years has held the championship of the lakes, is in New-York looking for a racing skipper for his new 40-foot fin keel yacht Vanenna, which is now under course of construction at Racine, Wis. Mr. Crawford was formerly quarter-back on the Yale football eleven, and afterward captain of the Chicago Athletic Club's eleven. He is a member of the Calumet Club, of Chicago, and a prominent railroad man.

The Vanenna, which will be launched next week, is similar in design to Captain Howard Gould's Niagara. She carries seven tons of outside ballast, 3,900 pounds of which is in her fin. She is 65 feet over all, of 13 feet beam, and draws 9 feet, and her sail area will come up to the limit. The new boat will make her initial appearance in the races at Cleveland during the centennial celebration, where she will meet among others the Vencedor, which will race the new Toronto boat designed by Fife, for the international championship of the lakes.

Mr. Crawford, speaking of yachting on the lakes, said: "Twelve years ago the Chicago Yacht Club was quite a lively little club, with a fleet of twenty-five boats, and yachting had a boom. The schooner Idler, which was brought out from New-York City by Commodore Archie Fisher, and the 75-foot sloop Wasp, were the principal boats. The others were 18 and 20 footers. Commodore Fisher offered a cup for international competition, which the Toronto Yacht Club won, and which it has kept ever since. This success worked against yachtsmen on the lakes for a time. About four years ago, yachting took a new lease of life, being assisted somewhat by the World's Fair celebration. At that time there were three clubs in Chicago. The Columbia Yacht Club was the largest, with a fleet of thirty-five boats. The Lincoln Park Club came next, with a fleet of twenty, while the Chicago club had a fleet of seven.

"Two years ago the Racine company built a boat on the model of the Vigilant designed by Mr. Martin. She was 40 feet on the water line and 65 feet over all, and was called the Valiant. She was simply an experiment on the lakes, and a radical departure from anything ever tried there. She did not prove a very good boat for lake water and breezes. However, she was very fast in smooth sea and light winds. Last fall Edward Berryman, through the Lincoln Park Yacht Club, issued a challenge to Canadian yachtsmen for an international race, to be sailed on the lakes. This challenge was accepted by the Toronto Yacht Club, and the design for the challenger, which is to be called the Vencedor, was made jointly by Mr. Berryman and Mr. Tokel, who was until last year connected with the Herreshoffs. Her dimensions thus far have been kept secret, but it is known that she is under forty feet water-line length.

"The race will be sailed between the Vencedor and the representative of the Toronto Yacht Club on August 24 off Toledo, the challenge cup and prizes being valued at $1,500. On the lakes we have two yacht racing associations, that on Lake Michigan being composed of the Chicago, Milwaukee, Racine, Green Bay and Menominee clubs, while the Interlake Yacht Racing Association is composed of clubs on Lakes Erie and Ontario. Each association is governed by a different set of racing rules, but these rules have been drawn together somewhat in consequence of the international races, and the clubs will probably adopt in the end uniform racing rules.

"This is centennial year for Cleveland, and $6,500 in prizes will be awarded to the different yachts in their regatta, which will extend over one week, beginning about August 10. This will be the leading event outside of the international races on the lakes. If my own boat proves to be as speedy as I anticipate I shall try my luck in New-York waters. A. C. Barbour, who was the quartermaster on the Defender last year, is the skipper of the Vencedor, and will sail her during the international race."

YALE CREW'S FINAL PRACTICE.

"BOB" COOK GIVES THE OARSMEN THEIR PARTING INSTRUCTION.

New-Haven, Conn., June 4 (Special).—The Yale crew took its final practice this afternoon before starting for Henley. "Bob" Cook, '76, who has watched the crew more carefully than usual this year through every stage of its development, was on hand to coach the men and give them some final advice.

The shell was taken out at 3 o'clock, which is much earlier than the usual time for rowing. Mr. Cook coached the men from the launch and gave them the most thorough overhauling and polishing off that they have had this year. The length of time that the men rowed was greater than at any previous time this year.

Immediately after the practice, the two racing shells, last year's and the new one, were packed up and placed on board the steamer Richard Peck, which will convey them to New-York. De Sibour, the manager, goes with them, and will superintend their transfer from the Richard Peck to the Berlin, the steamer on which the crew will embark for England. They will have to be towed around by way of the East River.

The crew will leave New-Haven to-morrow evening directly after dinner, and there will be a great student demonstration. There will be an organized procession to the station, and the oarsmen will be drawn through the streets in an appropriately decorated tally-ho.

The exercise which the crew is to take on the ship will be skipping the rope. This is the best form of light exercise known for reaching all parts of the body.

PRACTICE SPINS ON THE HUDSON.

Poughkeepsie, June 4 (Special).—Smooth water, pleasant weather and no wind were taken advantage of by Ellis Ward, coach of the Pennsylvania crews, to-day. Both shells were launched this morning, and before the crews left the float Ward gave several of the men some forcible instructions. Stearn, who pulls No. 5 in the 'Varsity shell, seems to be a little weak yet. The two crews started up the course with Ward in the middle on the Queen City. The work to-day showed great improvement over the first day. The four miles were covered in a little less than twenty-two minutes, it is said. In the afternoon the crew were out again and spent over an hour at training.

For the second time a new Waters shell was launched. It arrived on the steamer City of Troy, which made a landing at Highland at 2 o'clock this morning. The boys, with lanterns in hand, came to the landing through the woods a mile for the sole purpose of unloading the shell, to prevent any damage. Another new shell is being built by Waters at Troy, and will be shipped some time next week.

The election of Rogers as captain of the freshman crew has been confirmed by the faculty, but nothing has been heard as yet in regard to Boyle's election.

"Ben" Wiggins, the cook, who has been with "Pennsy's" crews for twelve years, arrived to-day, and said the launch Ben Franklin would arrive to-morrow.

BOSTON CRICKET VICTORY.

THE STATEN ISLAND TEAM BEATEN BY A MARGIN OF FIFTY-EIGHT RUNS.

The visiting team of cricketers of the Boston Athletic Association scored their second New-York victory yesterday at Staten Island, where the local club suffered defeat by a margin of 58 runs. Staten Island put an unusually weak team in the field and it proved helpless against the crack bowling of Chambers and Ralph Cracknell. R. T. Rokeby and Lohmann hit out hard and well and kept the visitors leather chasing while they were together, but there was not quite enough time and 30 runs were needed with nine wickets to fall when play stopped for the day. The score:

BOSTON A. A.

First innings.		Second innings.	
C. L. Bixby, c Rokeby, b Pool	20	c Wright, b Rokeby	0
S. Wright, c Robinson, b Gunn	6	b Lohmann	6
F. T. Mott, c Heineken, b Lohmann	6	b Lohmann	1
Chambers, c Rich, b Wright	22	c Pool, b Wright	9
G. Wright, b Wright	10	b Lohmann	0
T. Hovey, c Robinson, b Lohmann	25	b Lohmann	0
R. Cracknell, b Wright	1	b Lohmann	5
J. W. Parker, b Lohmann	6	c Gunn, b Wright	0
F. G. Patterson, b Lohmann	11	b Lohmann	1
J. A. Estabrooks, c Rokeby, b Lohmann	4	st Hockmeyer, b Lohmann	
W. Lindsey, jr., not out	1	not out	
Byes	3		
Leg byes	6		
Total	121	Total	

STATEN ISLAND.

First innings.		Second innings.	
H. C. Wright, run out	6		
E. H. Pool, b Chambers	3		
[illegible], b Cracknell	1	not out	47
R. T. Rokeby, b Chambers	8	c Wright, b Patterson	28
W. K. Jewett, b Chambers	12		
A. Gunn, run out	0	not out	4
E. H. Rich, c Mott, b Cracknell	9		
H. Hockmeyer, c Lindsey, b Chambers	0		
Rev. G. E. Quaife, not out	10		
W. Heineken, b Cracknell	2		
H. Robinson, b Chambers	10		
Byes	2	Extras	6
Total	63	Total	85

NEW-YORK TENNIS CLUB AHEAD.

YESTERDAY IT MORE THAN TURNED THE TABLES ON THE WEST SIDE CLUB.

The New-York Tennis Club more than turned the tables on the West Side Club yesterday afternoon. Its representatives won every one of