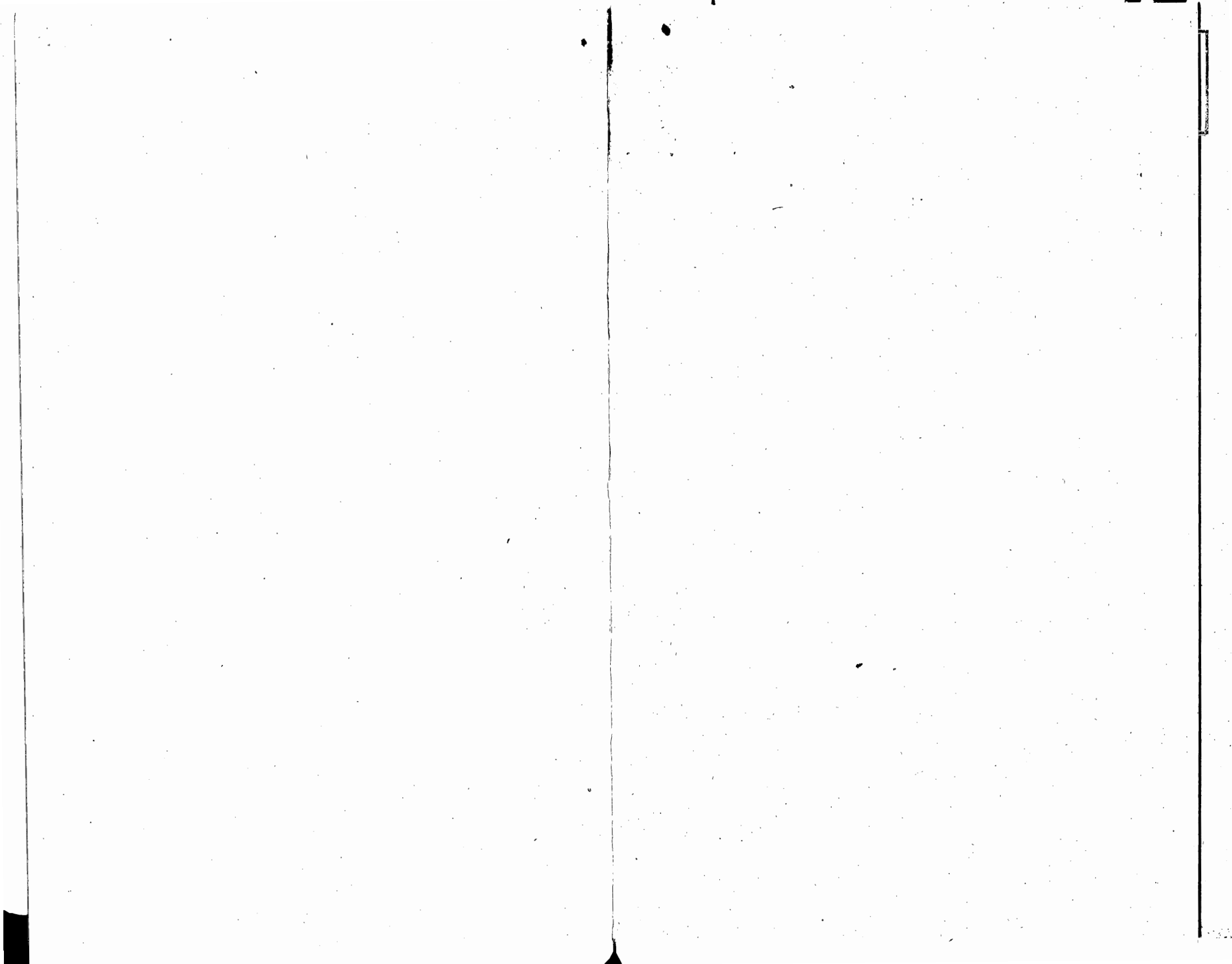


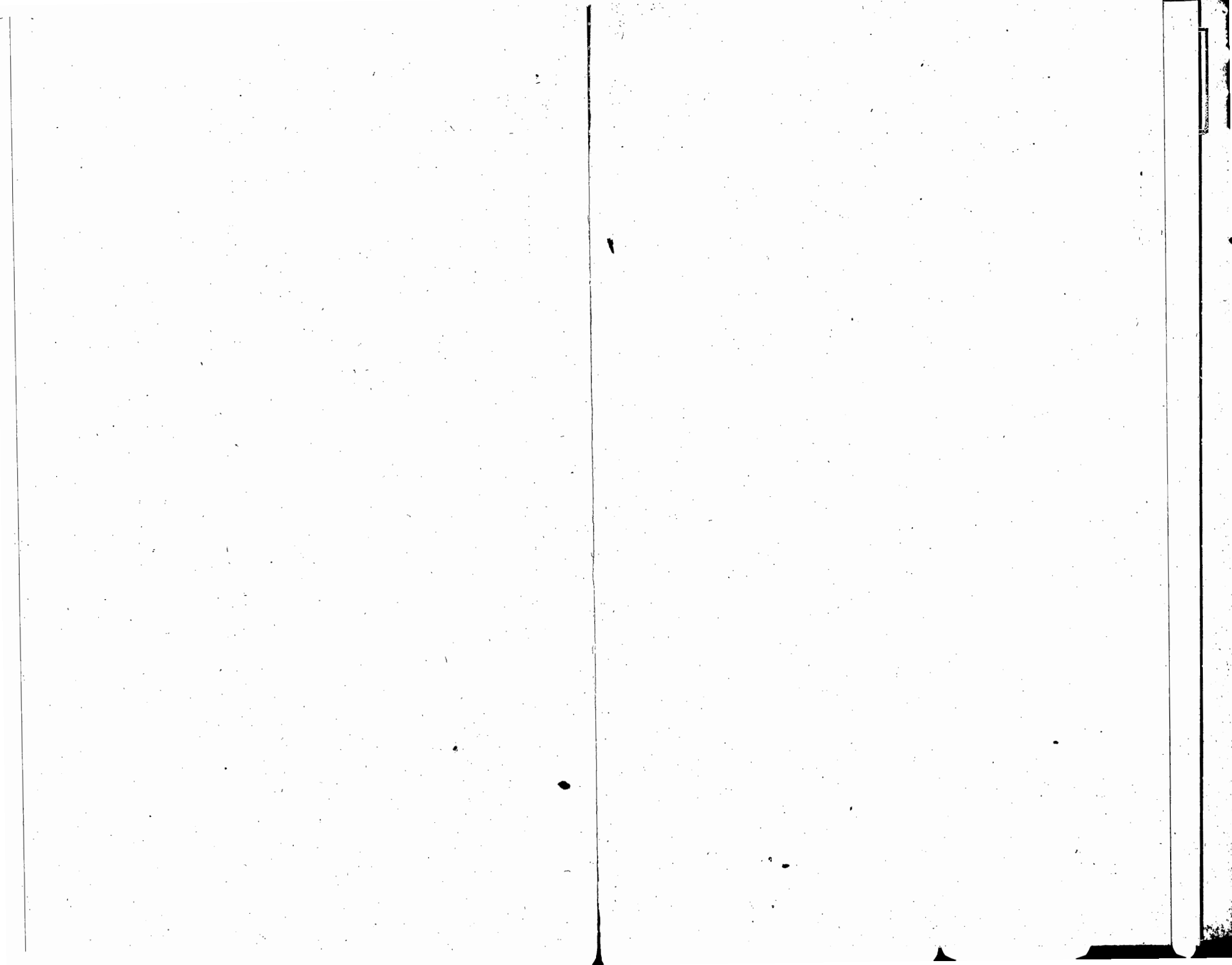
974.901

S33



974.9







STATE OF NEW JERSEY

REPORT

OF THE

Bureau of Shell Fisheries

For the Year Ending October 31st

1908

EMBRACING THE ANNUAL REPORTS OF THE STATE OYSTER  
COMMISSION, THE STATE OYSTER COMMISSION FOR THE  
DISTRICT OF OCEAN COUNTY; THE OYSTER  
COMMISSION FOR THE DISTRICT OF ATLANTIC  
COUNTY; THE STATE BIOLOGIST, AND  
THE COMMISSION FOR THE  
SHARK RIVER DISTRICT

TRENTON, N. J.  
MACRELLISH & QUIGLEY, STATE PRINTERS.  
1908.

## State Bureau of Shell Fisheries.

CHARLES R. BACON, Chief. Office, State House, Trenton, N. J.

---

### Officers and Employes of the State Oyster Commissions. Maurice River Cove, Delaware Bay and Raritan Bay.

---

#### COMMISSIONERS.

EDMUND STITES, JR., Port Norris.  
JEREMIAH N. OGDEN, *Chairman*, Bridgeton.  
WILLIAM DeGROFF, Keyport.  
OGDEN GANDY, Dennisville.

#### SUPERINTENDENT AND SECRETARY.

ALONZO T. BACON, Mauricetown.

#### SUPERVIZING ENGINEER.

SAMUEL M. SHELDON, Millville.

#### SPECIAL OFFICER AND PILOT OF STEAM GUARD BOAT CYPHER.

GEORGE C. BELL, Newport.

#### CAPTAINS OF GUARD BOATS.

JAMES BOYLE, Millville, Schooner "Lelia Boyle."  
J. HAMMITT LAKE, Port Norris, Schooner "Infanta."

---

Office of Commission, Maurice River.  
Days of Meeting, first Thursday in each month.

District of Ocean County.

---

COMMISSIONERS.

JESSE GRANT, *Chairman*, Bayville.  
LORENZO D. ROBBINS, New Gretna.  
NAPOLEON E. KELLEY, West Creek.

SUPERINTENDENT AND SECRETARY.

E. A. HORNER, JR., Tuckerton.

Office of Commission, Beacon Building, Tuckerton.  
Days of Meeting, first Thursday in each month.

---

District of Atlantic County.

---

HARRY H. POSTOLL, *President*, Atlantic City.  
ISAAC SMALLWOOD, *Secretary*, Port Republic.  
R. M. SOOY, M.D., Atlantic City.

SUPERINTENDENT.

ALFRED B. SMITH, Brigantine, N. J.

---

Office of Commission, Real Estate and Law Building, Atlantic City.  
Day of Meeting, first Friday in each month.

---

Shark River District.

---

A. FRANK BENNETT, JR., *Commissioner*.

Office of Commission, Avon.

## Report of Bureau of Shell Fisheries.

*To the Honorable John Franklin Fort, Governor:*

The annual report of the State Bureau of Shell Fisheries, embracing the annual reports of the State Oyster Commission (Delaware Bay and Maurice River Cove) the Atlantic County Oyster Commission, the Ocean County Oyster Commission, the Commissioner for the Shark River District and a synopsis of the annual report of the Biologist of the State Agricultural Experiment Station are herewith submitted for your perusal according to law.

A review of the several reports, together with personal observations made by the Chief of the Bureau, show that the past year has been one of marked progress and almost unprecedented success in the shell fish industry of our State. Under the laws now in force for the regulation and control of the taking and planting of oysters there has been marked progress. Nature has been lavish with the industry, and all the State's officers who have made examinations of the natural beds agree that there has been the heaviest growth of seed oysters in many years. The effect of this increase is to give the planters of our State the seed they so much need, at a price far below that which they have been paying for seed from other States, the cost of which has been advancing year by year because of the growing scarcity and the enactment of laws by those States restricting the shipment of such seed outside their own jurisdiction.

Slowly, but surely the oystermen of our State are growing to understand more thoroughly that the laws are made for their benefit and the advancement of the industry. As a result of recent legislation changing the season for taking the seed of Delaware Bay beds, for instance, the catch has each year increased and now there seems to be a supply sufficient for all those who desire to plant in that district. Unfortunately it has been

demonstrated that this seed does not flourish well in the waters of the other sections of the State, but that the local growth thrives best. The seed caught in the great stretch of Bay waters has been found to flourish best in Maurice River Cove, whence comes some of the finest and best oysters in the world's markets. The same seed, however, fails to mature properly in the waters of Atlantic county or of Ocean county. Exactly why this is so is not so easy to explain. Even the oldest and keenest observers engaged in the industry are unable to satisfactorily account for it. Differences in the conditions of the water or the atmosphere, due to the currents or the situation, may in some measure account for it, but there is no disagreement as to the fact itself.

The logical deduction from this situation is the development of conditions under which the local growers may get more seed from their immediate surrounding waters. This brings us again to the proposition discussed in previous reports: That the State must take steps for this development. Under present conditions thousands of acres of water-covered land, suitable for seed growth are now lying idle and unproductive. The State withdrew from the proposition to shell these beds so that a catch of seed might be depended upon, but substituted no plan for the withdrawal. As to the correctness of the proposition there is wide diversity of opinion. Some hold that the State ought to bear the expense of this shelling, while many others hold to the opinion that it is no more the province of the State to thus provide the means of raising the much-needed seed than to provide seed potatoes for the farmer. There is this difference, however, that the farmer owns his land, while the oyster lands thus neglected are the property of the State.

That some step should be taken for the conservation of this immensely valuable resource admits of no controversy. The fact is plain to everyone who makes even a cursory study of the situation. What those steps should be this bureau is not so sure. What it does suggest, after a careful, painstaking and exhaustive study of the matter, is the leasing of those lands to persons who will shell them for the desired purpose. It is acknowledged by all those who have the interests of the industry at heart and who study its needs that such leases would be eagerly sought, that

here would be presented another source of revenue to the State and the problem of seed culture at once solved. It would undoubtedly afford to those planters who now are unable to obtain the seed they seek each year the amount they might require. It would afford employment to a much larger number of men, rapidly increase the total output of oysters and increase the income of all those engaged in the industry. The project has been, under discussion between the members of the several Commissions and the Chief of this Bureau who now urge it upon the Legislature as a move essential to the welfare of the great industry.

Another suggestion born of investigation is the change of the season for taking seed in Ocean and Atlantic counties. The season in these two counties now opens October first, but in Delaware Bay opens May first. The latter was changed three years ago from April first. The change in the latter case demonstrated its value the very next year when a better and healthier growth was found upon the beds. The explanation is simple. The oyster spawning season sets in about the last of June or early July and continues for the better part of the summer. The weakling seed that is taken up October first has had little or no chance to develop, and when it is transported to the planting grounds a very large percentage of it dies and the planter is benefited only to that extent.

If the Ocean and Atlantic county season were changed to spring the seed would have all the months intervening to develop, so that when planting time came it would be so much larger and more vigorous that the percentage of death would be conspicuously lessened and the planters would profit to that much greater extent, while the tonger who gathers the seed would share in the general betterment. This might be regarded as a rather revolutionary movement among some of the tongers of the two counties, but they would soon realize its importance and value and come to understand how very much better it would be for them. The superintendents and members of the Commissions are unanimous in the belief that this change would mark a new era in the industry for these two counties. Of course, it would

be necessary to have passed a bill effecting the change, and we present the suggestion for your earnest consideration.

#### EXPERIMENTAL WORK.

Your special interest is urged in the synopsis of the report of the Biologist of the State Agricultural Experiment Station, who has been at work during the past summer at his station on Tuckerton Bay. His discoveries as to the spawning time of the oysters give promise of imparting to our planters information which may be of great value in the development of the industry. In this connection we desire to once more urge an extension of these experiments along other lines.

Of the work so far accomplished, little has been of direct practical benefit to our planters, but in time the results must bring forward facts and information which cannot help improving his prospects, and, perhaps, opening up a much wider field for the progress and advancement of the industry. We would respectfully urge, however, a different line of experiments, such as have been suggested in previous reports.

The United States Government has conducted in several oyster-producing sections of our country experiments and investigations looking to the higher cultivation of the shell fish and the extension of the field of its growth. Our own State, with its vast resources in this line, should take up similar work for the purpose of educating the oyster planter up to the possibilities of his field. If the State can expend large sums annually for the education of the farmers of the State, giving to this class of industry the benefit of scientific research and the results of the study and experiment of enthusiasts along many lines of agricultural and horticultural activity, there would seem to be no good reason why it should not give to the cultivators of shell fish the same valuable lessons. It ought to be possible for the State to conduct such experiments in all oyster and clam-bearing waters as would demonstrate quickly and effectively the best methods of enlarging the growth, of fighting the common enemy of the oyster, and of disseminating all the knowledge possibly to be gained from research and experiment.

Until two years ago the total sum appropriated for shell fish experiments did not exceed three hundred dollars per annum, but by persistent effort this total was increased in 1907 to \$1,200, which was the amount appropriated last year also. With this addition to his resources the Biologist was enabled to greatly advance his work and to add much needed material and apparatus.

What are most needed now are stations for observations and records in all our oyster-producing sections. The Biologist has made no observations in the great Maurice River Cove or Delaware Bay sections, or in Atlantic county or Cape May county, so that the oystermen of those fields have had no advantages of the work so far accomplished. We should have permanent stations—the cost of which would be trifling compared with the great benefits to be derived—where careful observations of climatic conditions, the state of the water, the time, temperature and seasons of spawning, the development of the spat, the growth of the seed, and the progress of the planted oyster could be watched and the knowledge disseminated to the planters.

In this connection your attention is directed to the work being conducted along this line in the State of Oregon. There the planters take our own New Jersey seed oysters for transplanting in their own waters, and they are using some new and novel methods for developing this seed into the marketable oyster and improving their own growth. They find the experiments well worth the cost, and are gradually extending and increasing them.

#### PROPOSED NATIONAL ORGANIZATION.

In the belief that it would give opportunity for an enlarged and beneficial study, this Bureau recently sent to all the members of similar bodies, in the several States which produce shell fish, a letter suggesting the formation of a National organization composed of such members. There has been for some years an exchange of annual reports between these bodies, and this Bureau has sought to obtain from the other States all possible information as to the progress and advance of the industry, with the legislation affecting it, besides making personal visits to many of the States.

with a view to studying the matter at close range, but it was felt that a periodical gathering of those directly concerned and interested on behalf of the State governments, in the conservation of this great resource would make possible the dissemination of valuable information in no other way obtainable.

There has come quick response and enthusiastic endorsement of the suggestion, and the preliminary plans for the formation of the proposed organization are now under consideration and will probably be given attention at the first meeting to be held in New York City in January.

At the suggestion of the State Conservation Commission we obtained the services of Mr. Henry J. Sherman, engineer of the Inland Waterways Commission, to gather some facts and figures as to the acreage of land under water capable of shell fish production. A safe and conservative estimate, based upon his surveys, shows 375,000 acres of land under water which could be, and by right ought to be, used for the propagation of oysters and clams. Of this not more than ten per cent. is now producing natural seed, and less than ten per cent. is of beds leased for propagating purposes, our total of leased land for this past year being about 30,000 acres. It was the unanimous opinion of the Conservation Commission, after scrutinizing these figures, that our shell fish industry is one of the most important of our State's resources.

There is no doubt in the minds of those intimately associated with our shell fish industry as to the possibility of the development of this great resource. As has been stated in our annual report, the total output of oysters and clams in our State now amounts to at least \$6,000,000 a year at present market values. With the growing scarcity of natural seed and with the great undeveloped areas, our planters have found it difficult to obtain all that they desire to advance the industry to its proper plane.

The Conservation Commission has recommended to you that steps be taken for the preservation and advancement of this industry, and we also earnestly urge close attention to its needs that something may be done to bring about the desired results. As has been stated previously, the one step regarded by all those inter-

ested as essential is the development of the grounds for seed production.

The following tables show the receipts and expenditures of the commission for the year:

	<i>No. of Acres Leased.</i>	<i>No. of Licenses Issued.</i>
Atlantic County, .....	1,172.50	244
Delaware Bay and Maurice River Cove, .....	19,102.00	372
Ocean County, .....	3,304.00	360
Raritan Bay, .....	571.25	19
Shark River, .....	187.00	...
	<hr/>	<hr/>
	24,336.75	995

## TOTAL RECEIPTS FROM LEASES AND LICENSES.

Atlantic County, .....	\$1,802 50
Delaware Bay, Maurice River Cove and Raritan Bay, .....	19,135 55
Ocean County, .....	2,828 50
Shark River, .....	211 50
	<hr/>
	\$23,978 05

## RECAPITULATION.

Total acres leased, .....	24,336.75
Total licenses issued, .....	995
Total receipts, .....	\$23,978 05

## 1908 APPROPRIATIONS.

*Atlantic County.*

Commissioner's salaries, .....	\$900 00
Superintendent's salary, .....	1,000 00
Patrol, .....	1,680 00
Extra patrol, .....	250 00
Incidentals, .....	220 00
Surveys, .....	150 00
Installation of new engine in launch, .....	600 00
	<hr/>
Bureau of Shell Fisheries, salaries and expenses, .....	\$4,800 00
Supplemental, .....	500 00

*Cumberland County.*

Salaries and patrol, .....	\$13,000 00
Protection of natural beds, .....	4,000 00
Surveys and maps, .....	400 00
	<hr/>
	17,400 00

*Ocean County.*

Commissioner's salaries, .....	\$750 00	
Superintendent's salary, .....	1,000 00	
Patrol, .....	1,000 00	
Incidentals, .....	500 00	
Rent, .....	50 00	
		\$3,300 00

*Shark River.*

Commissioner's salary, .....	119 50	
Biologist's experimental work, .....	1,200 00	
Total, .....		\$29,519 50

## NEW ENGLAND CONFERENCE.

One of the important events of the year was the conference called by the Governors of the New England States at the Tremont Theatre, Boston, November 23d and 24th, to discuss ways and means for the conservation of the resources of those States. One of the important topics in this conference was the protection and promotion of supplies of sea food, and Dr. George Wilton Field, late instructor in Biology at the John Hopkins University, special instructor of Marine Biology at the Naples (Italy) Zoölogical Station and for the United States Bureau of Fisheries, presented a paper on the "Preservation and Propagation of Molluscs."

Dr. Field, in the course of his remarks, which we regard as very pertinent to our own conditions, said:

"To-day in Massachusetts alone of upwards of 67,000 acres of shellfish ground below high-water mark only about 3,552 acres are even approximating the normal yield, *i. e.*, from \$100 to \$800 profit per acre per annum, while upwards of 40,000 acres are producing less than ten per cent. of the normal production, and about 15,000 acres, at present unsuitable, could, at expense of \$50 to \$300 per acre, be made to yield from \$100 to \$500 profit annually. Under such development and utilization employment would be furnished to at least 20,000 skilled and unskilled laborers, as compared with 2,806 in 1907, and a total production valued in the hands of the producers at not less than \$6,000,000 annually, instead of \$687,000 as in 1907.

"The results from more than three hundred experimental plots in Massachusetts prove conclusively that clams and quahaugs can, by appropriate methods, be as successfully cultivated as are oysters to-day, or as any farm crop; that the value of a quahaug crop, upon arrival at a marketable size, often exceeds \$1,800 per acre; and that the annual profit should average not less than \$200 per acre.

"Complete titles to the uplands have been acquired by individuals and may be exclusively subject to individual control and responsibility. Similarly, State laws have been enacted by which areas below low-water mark may be leased for oyster cultivation, but the lease holder can claim as his property only the oysters grown thereon. Under certain conditions oyster growers are permitted to spread shells upon the tidal flats above low-water mark for the purpose of catching oyster spat. Curiously enough, present laws permit the cultivation of oysters in the waters below low tide mark, but not clams, quahaugs or scallops, either below or above low-water mark. It would be quite as logical for the State to permit the farmer to grow only corn.

"The fisheries (which include the mollusk fisheries) are still public, and subject to the disposing action of the Legislature. The Legislature should, by appropriate laws, make possible intensive cultivation of shell fish, *e. g.*, clam, quahaug, scallop, mussel and lobster, in addition to the oyster, in the area below high-water mark, under proper safeguards devised to secure public and private rights.

"The financial return from these submerged areas is greater than from similar areas of farm land under intensive methods of cultivation, and requires a much smaller amount of working capital. The sole difficulty is the failure to recognize how completely conditions have changed in the past 250 years, and that laws suitable then are no longer adequate to meet present conditions.

"The people of Massachusetts and other New England States are beginning to realize the possibilities of submarine farming, and demand that the antiquated laws which have failed to check the destruction of the natural beds of clams, quahaugs and scallops shall be so modified as to make artificial propagation

possible to the fishermen and profitable to the public. Though in Italy it is even possible to turn the sea water into the crater of an extinct volcano, and by gates regulate the quality and quantity of the water for the purpose of growing oysters, we in Massachusetts would, perhaps, incur the risk of losing our venture if we should.

"That there has been a rapidly progressive depletion in the supply is perhaps too obvious to require discussion. It is evidenced in the higher prices to consumers, in smaller daily wages to the fishermen, in areas of total or almost complete depletion which are annually becoming larger and more numerous. Such are especially prominent in Mt. Hope and Buzzards Bays. Dennis, Chatham, Wellfleet and Nantucket; in Plymouth, Duxbury, Annisquam and Essex. It has become profitable to bring clams to Boston market from places as remote as Prince Edward Island. Meantime our own unexcelled facilities are producing less than one tenth of the average.

#### "ENORMOUS WASTE.

"The present Massachusetts shell fish laws which delegate the mollusk fisheries to the control of the shore towns have resulted in few cultural operations worthy of the name for the reason that the security of tenure is not guaranteed. The lessees are too frequently at the mercy of petty town politics and disastrously subject to local jealousies. There is complete lack of state or town protection against trespassers. Town by-laws often result in enormous waste, on account of the local jealousies between towns. The present laws harbor and encourage a totally illogical and mistaken conception of the value of a closed season for mollusks and of closing certain areas to permit the 'clams to come back.' When there is a scarcity of potatoes or wheat, do the farmers demand a closed season or let the fields lie idle and wait for an increased crop 'to come back'? No, they increase the yield by extended acreage and well-advised efforts to increase the yield per acre. The scarcity of shell fish must be met in exactly the same way. It is entirely logical and certain. Such a result will inevitably follow the enactment of suitable law. And the

fisherman is entitled to immediate consideration. For two hundred and fifty years he has been taught by false prophets. He has shaped his course by false lights. Beneficent laws have brought prosperity to the tillers of the soil, but the fisherman finds the struggle becoming continuously more difficult. He is constantly facing a decreasing yield and a decreasing daily wage. Adequate laws will open on equal terms to every deserving citizen abundant opportunities for developing submarine farming.

"In conclusion, then, suitable shell fish laws should be framed to meet the following fundamental conditions:

"(1) Permit leasing of the fishing rights over at least one-half of the area below high water mark at a reasonable annual rental to any naturalized citizen of the commonwealth, and with adequate safeguards against predaceous and pernicious monopolization of these rights by individuals or corporations.

"(2) Tenure should be secured and pass as real estate to heirs and assignee for balance of term of lease so long as the area is properly utilized.

"(3) The State should guarantee protection equal to that accorded the farmers. The shell fish should equally be regarded as property.

"(4) Should declare certain animals and plants to be common nuisances and compel the destruction of such animals and plants under penalty, *e. g.*, starfish, drill, sulphur sponge, et al.

"(5) Should make possible the collection and sale of mollusk spat under proper biologic and economic precautions."

#### WHOLESOMENESS OF OYSTERS AS FOOD.

At the recent annual session of the International Fisheries Congress at Washington, in September, a very comprehensive and interesting paper was read by Henry C. Rowe, President of the Connecticut Oyster Growers' Association, in which a careful defense of the oyster was made. The paper attracted much attention, and as this Bureau has made some investigation along the same lines over a period of several years it admirably fits the lines of our work.

We therefore present some parts of this paper with our annual report as a matter of more than ordinary interest to the oyster-men of our State and the general public:

"During the same period (the past 35 years) while a large portion of our forests have been destroyed, the oyster farmers and cultivators have purchased from the different states permission to cultivate the hitherto barren ground covered by the waters of our bays and sounds to a depth of 25, 50 or even 100 feet, and upon this unproductive ground have by expensive and hazardous experiment caused these lands to produce 10,235,566 bushels of oysters yearly—a valuable and nutritious food, and furnish employment and livelihood to thousands.

"While the United States and the various states have at public expense propagated millions of swimming fish, to be caught by those who are engaged in these fisheries, the oyster grower and planter has propagated his own crops and worked out his own industry by patient labor, costly experiments and large investment. Instead of having his crops produced and protected for him, as has been done for the fishers of swimming fish, he has paid large sums to the states for the use of the ground on which he might create and prosecute this industry.

"In Connecticut, for example, the oyster growers have paid to the state and towns over \$260,000 for the franchises permitting them to cultivate oysters, and in taxes upon these franchises, and in addition to this have paid many hundreds of thousands more in taxes upon the steamers, shops, wharves, and other appurtenances of the great industry.

"In Rhode Island, beside the general benefit to the prosperity of the state resulting from a great productive industry, which is, of course, the principal consideration, the oyster growers pay annually to the state a very large sum for rental of oyster grounds, the income to the state from this source in 1907 being \$96,000, and that of 1908 it is estimated will be upwards of \$100,000.

"One of the most trying experiences which the oyster grower has been called upon to meet is the recent storm of public notion in decrying oysters as an unwholesome food. People have been accustomed to regard oysters as a nutritious and especially digestible food, and one which is most welcome to the palate of the

epicure. It is but natural that they should desire to know whether there is any foundation for the sensational assertions against oysters which have been made.

"Some so-called scientific writers have attacked oysters because the subject was novel and sensational. Previous scientific research had proved the oyster to be a most nutritious, easily digested and valuable food. A novelty is a welcome subject for a magazine or newspaper sensation.

"It has been claimed, perhaps truly, that there were formerly a few places that might be considered unsanitary where oysters were planted or floated. While one bushel in one hundred thousand might be so situated, the other 99,999 are grown in the deep pure water of the great bays and sounds.

"In those cases where there was suspected danger of unsanitary effects, or even criticism, the great oyster shipping firms voluntarily discontinued floating and shoring oysters, and the other shippers have been required by law to discontinue doing so. It is now forbidden to market any oysters from places that are not approved by the health authorities.

"But, notwithstanding these facts, certain writers and reporters have continued to work this profitable vein of sensationalism. There was no definite statement that any typhoid fever germ had ever been found in an oyster, but there was a mass of insinuation and innuendo which wantonly injured a great industry.

"Among the subjects of human opinion, the theories of the causes of disease and how to avoid them are no exception to the preceding statement, and have had a history of many radical changes, in which imagination and notion have by no means been absent. Hence reason dictates that we should be slow to accept theories, even of thinking men, until clearly proved.

"Careful observations and examination lead to the conclusion that the recent attacks upon the healthfulness of oysters have little or no foundation in fact.

"The most prominent case in which positive statements were made that typhoid fever was contracted through the use of oysters, were published in a New Jersey newspaper within the past year, and were copied from that newspaper through much of the press of the United States and Canada. These statements

were thus placed before millions of readers. These papers stated that two persons, Ferdinand Bendt and his wife, Rose Bendt, of Newark, N. J., had died from typhoid fever, the result of eating infected oysters.

"On investigation it was found that the official report of the Board of Contagious Diseases shows that neither of the persons had eaten oysters, but that they had eaten other foods which are sometimes infected with typhoid fever. Also the death certificates showed that one of them did not die of typhoid fever, but of cerebro spinal fever.

"In another case, to which much prominence was given, a young physician gave an item to an evening paper in which it was stated that a certain young lady, a teacher in a public school, was very ill with a malignant case of typhoid, incurred by eating oysters. A careful investigation of the facts proved that she was but slightly ill, and not with typhoid fever; in fact the doctor was unable to diagnose her case, but he half jestingly asked her one day if she had been eating oysters, and he was informed that the family had received some sent by a friend. He overlooked the fact, however, that she had not eaten any of them, while her mother and brother had done so and were not ill. A written statement signed by the mother and nurse of the patient established these facts.

"Many other instances can be cited in which sensational reports have been published with very little, if any, evidence underlying them.

"Then, too, there is an incentive to sensational reports about oysters, because it is a novelty that they cause disease. Milk has been found to be the cause of typhoid fever in so many thousands of cases that they do not secure so much attention in sensational journalism, as does one alleged or suspected case which is attributed to oysters.

"I would not be understood to say anything against the general and almost universal use of milk as a food. The most that we would claim is that care should be taken to keep milk free from contamination, but there is not one-thousandth part as much evidence to cause us to fear the contamination of oysters with disease germs that there is of milk.

"To those who have read the sensational statements against oysters it will be a surprise to know that although many expert bacteriologists have searched diligently for typhoid bacilli in oysters, I have not been able to learn of one single authenticated case in which they have been found in oysters in the United States, except when placed there for purpose of experiment.

"Another assertion that has been recklessly made about oysters is concerning the use of preservatives. When oysters are handled as they are under modern methods; caught by steamers on one day, opened the next, and shipped, after being thoroughly chilled with ice, into the country, there is not the slightest need or occasion for the use of chemical preservatives.

"Let us compare the preceding statement with the fact that the bulletin of the Chicago Board of Health, dated November 23d, 1907, states that the bacteriologists of the Board of Health of the city of Chicago examined samples of all the oysters shipped from the various sources to Chicago during the preceding month, and found all of them absolutely free from any contamination or danger to health.

"In addition to the preceding comparison, no bacilli of tuberculosis, diphtheria, or any other diseases have been found in oysters, and there has been no case even of circumstantial evidence showing that cooked oysters have caused typhoid fever, or any other disease, unless possibly ptomaine poisoning, which, of course, may occur in any one of hundreds of foods if proper care is not exercised. It is conceded that proper cooking will destroy bacilli in oysters if any do exist.

"The limit of this paper forbids the introduction of a vast amount of available evidence along these lines, but it is clear that compared with the conclusive proof of the occasional danger in the use of milk and water, the evidence against the wholesomeness of oysters is so trifling as to be negligible.

M. Baylac, a French physiologist, has just reported on an exhaustive study of oysters both from the ocean and inclosed seas, undertaken to determine whether there was any foundation for the idea that the bivalves were infected by the typhoid and other poisonous germs and were the means of causing serious illness in people who eat them.

He concluded that the typhoid microbe by no means infected the oyster. In the rare cases where the oyster absorbed the germ through pollution of the oyster beds it eliminated it again in a day or two when transferred to pure sea water or when removed from the water altogether.

As no other ailments followed the eating of oysters, M. Baylac soon reached the conclusion that they belonged to the same class as those resulting from tainted meat. He then made a study of the liquor exuded by oysters under different conditions, satisfying himself in the first place that its chemical composition underwent no important alteration.

It always contains albumen, ammonical salts, silicates, chlorides and a few organic compounds. Next he tried the effect of injecting small quantities of it into the veins of rabbits. He found that with the liquor from fresh oysters he could inject forty-four cubic centimetres before any toxic disturbance was manifested.

With the juice of oysters which had been three days out of the water, and which had been exposed to the air at a temperature of 75 degrees, distinct signs of poisoning were produced by the injection of six cubic centimetres. Then he tried oysters which had been kept two days at a temperature of 60 degrees and then freshened in river water slightly salted. A dose of four cubic centimetres from the liquor of these caused poisoning.

M. Baylac forms two general conclusions: First, the danger of typhoid from oysters is negligible unless they have been taken recently from beds exposed to direct infection. Second, oysters are healthful in direct ratio to their freshness. The stomach disorders they produce are not apt to be serious, but become more so in proportion to the time that has elapsed since their removal from their native water and the lack of care in preserving them.

## Report of the Biologist.

### THE LINE OF RESEARCH.

The subject that engaged chief attention during the past season was the question of the length of time that elapses between the act of emitting spawn by the parent oyster and the act of fixation of the larval fry to cultch as spat. In other words, how long does the newly hatched oyster maintain a free swimming existence? This is not an easy question to answer, but it has great practical value because the nearer the planter places his shells to the date when the fry set on the cultch the more numerous will be the spat caught. Our last year's report shows that this question had been opened up, and that the results indicated that the period might be longer than had hitherto been thought to be the case, but the evidence was so fragmentary that the exact length of the period was still somewhat uncertain, though it seemed that it might be as long as three weeks.

Very careful attention was given to this problem this year and more reliable and fuller data secured that seems to support the conclusion that the length of this period depends on the warmth of the water. At 80 degrees Fahrenheit it is about two weeks in length, while for temperatures nearer 70 it is as long as three weeks. The data does, however, reveal some curious features that call for further inquiry.

### THE DATA.

At very favorable opportunity samples of water were taken from various parts of the lagoon at the mouth of Barnegat creek and subjected to filtration in the manner described in last year's report. The fry present were counted and classed into three sizes viz.: mall, medium and large. When the fry were numerous

only a dipperful, or one-sixth of a bucketful, was filtered, but all the figures were finally changed to represent the ratio per bucketful, so as to admit of quantitative comparison. There were days when the water was too roily to admit of filtration, and at times the sediment obscured the fry so that all present were not counted. These facts explain the curious variations in the number of fry seen from day to day, but it is also likely that the fry are not always equally distributed from the surface towards the bottom. They certainly are not evenly distributed over the area included in our observations, and it was also noticed that they occupy a restricted part of the tidal water. They are, in fact, carried back and forth by the currents, as we shall describe later. These several conditions should be borne in mind while attending to the following table, which gives only the highest number observed each day.

DATES.	Air Temperature.	Water Temperature.	Small Fry.	Medium Fry.	Large Fry.	Spat Per Shell.
June 2, .....	80	70	0	0	0	0
June 3, .....	70	68	0	3	0	0
June 4, .....	73	65	.....	.....	.....	.....
June 5, .....	66	68	.....	.....	.....	.....
June 6, .....	67	68	1	.....	.....	.....
June 7, .....	65	68	0	0	0	.....
June 8, .....	75	68	.....	.....	.....	.....
June 9, .....	75	68	1	2	2	.....
June 10, .....	75	68	.....	.....	.....	.....
June 11, .....	68	68	168	3	1	.....
June 12, .....	72	78	231	.....	.....	.....
June 13, .....	78	76	234	.....	2	.....
June 14, .....	76	70	202	.....	.....	.....
June 15, .....	73	.....	.....	.....	.....	.....
June 16, .....	78	.....	.....	.....	.....	.....
June 17, .....	68	72	59	12	3	.....
June 18, .....	69	66	61	7	.....	1
June 19, .....	75	70	14	19	6	.....
June 20, .....	89	78	5	384	36	.....
June 21, .....	90	73	148	765	88	1
June 22, .....	86	77	371*	.....	.....	.....
June 23, .....	85	77	2,172	108	84	1
June 24, .....	84	82	725	234	60	1
June 25, .....	81	74	972	750	120	.....
June 26, .....	75	.....	.....	.....	.....	.....
June 27, .....	76	.....	.....	6	.....	1
June 28, .....	75	70	210	72	60	.....
June 29, .....	77	73	.....	6	.....	.....
June 30, .....	85	80	156	66	60	2
July 1, .....	81	80	348	1,350	360	63
July 2, .....	79	76	6	12	6	15
July 3, .....	78	77	132	924	132	17
July 4, .....	80	.....	.....	.....	.....	8†
July 5, .....	85	82	102	234	60	61
July 6, .....	86	77	102	420	12	105†
July 7, .....	87	.....	.....	.....	.....	10†
July 8, .....	80	.....	18	18	12	2†
July 9, .....	80	75	78	24	24	2
July 10, .....	77	70	6	12	6	2
July 11, .....	85	.....	.....	.....	.....	8†
July 12, .....	88	82	.....	.....	.....	2†
July 13, .....	85	.....	.....	.....	.....	4
July 14, .....	80	.....	.....	.....	.....	1†
July 15, .....	80	.....	.....	.....	.....	.....

\*All sizes.

† Exposed for twelve hours only.

## CONCLUSIONS.

Study of the members of the preceding table in the column for the small or newborn fry, shows that a small spawning climax occurred during the week beginning June 10th, and that a much larger climax fell on June 23d, both being coincident with prominent warm waves. Examination of the adult oysters confirmed the fact of their spawning at these dates.

It will be also noticed that the small fry diminished in numbers as we near the second spawn climax, but that the medium sized fry increased in number. At the same time there was increase of the large fry, and a few newly set spat were observed. On the 1st and on the 6th of July we note the occurrence of two spatting climaxes, also coincident with warm waves. At the time of the first spat climax there was the greatest number of medium sized fry, and also the largest number of large fry. The two spat climaxes are so near together that they grade into each other. If we had simply noted the total number of fry without classifying them into sizes we might conclude that the spawn emitted June 10th to 14th had been lost, and that the spat of July 1st to 7th all came from spawn shed June 20th to 25th, and thus that fry would set when a week or ten days old. Such a conclusion assumes a great loss of spawn and fry, for we got only an average of one spat per shell per day from spawn that numbered over two hundred per bucketful a week before. This does not harmonize with the later climax, for there we got from fifty to a hundred spat from only five to ten times as much spawn.

On the other hand, by classifying the fry, we were able to watch the gradual growth of the spawn emitted June 10th to 14th, and saw that it took three weeks for them to reach the spatting size. These fry had reached only a medium size on the day when the great accession of new fry occurred. A week later they were full grown, and at the same time there occurred the first spatting climax. From two to three times as much spawn was emitted on the second climax as on the first, and if this had required three weeks to mature we would have gotten a large spatting climax after July 10th. But the table shows that fry of all sizes had practically disappeared by that date. The table also

shows that at the time of the first spatting climax there were twice as many medium fry as were present on June 21st. The second spatting climax is also about twice as large as the first. As there was no extensive spatting after July 6th we may reasonably conclude that the fry born on June 23d set as spat on July 6th when they were but two weeks old. How is this difference in the rate of growth of these two lots of fry to be explained? From the figures in the column headed water temperature we note that the first lot of spawn endured an average temperature of about 70 degrees during the first half of their life, and of 75 degrees for the second half. On the other hand, the second lot was subjected to a temperature of about 75 degrees during the first week and of 80 degrees for the second week of their development.

We may, therefore, conclude, perhaps only provisionally, that the length of the free swimming period of larval oysters depends on the temperature of the water, and that this period is one of three weeks length at 70 to 75 degrees Fahrenheit, and of two weeks length at 75 to 80 degrees. It is probable, therefore, that at 80 to 85 degrees it may be as short as one week; and this would explain the usual belief of authorities that the free swimming period is about a week in length, for most of the work hitherto done in oyster study involved the use of water of rather high temperature, such as prevails on the oyster beds of the South Atlantic States.

## LOSS OF FRY.

From our figures we may also get some idea of the percentage of loss that obtains during this period of larval life. *The highest number of large fry observed was but one-sixth of the highest number of new-born fry seen.* It is quite possible that the several individuals do not develop at the same rate. This is an added obstacle towards getting results approximately true. We observe that the highest number of spat caught in a day per shell was only a third of the highest number of mature fry contained in each bucketful of water that flowed over the cultch; but the sum of all the highest numbers of spat caught during the spatting season very closely corresponds to the highest number of mature fry

found at the first spat climax. But right alongside of these shells were others that caught far fewer and sometimes nothing. These were all clean shells, at the most not over two or three days planted. The evidence is overwhelming that oyster shells are not all equally attractive to spat. This fact constitutes another obstacle to our getting accurate experimental data.

It is, therefore, necessary and most important, from both an experimental and the practical standpoint, that we next turn our attention towards discovering some cheap method of treating shells so they shall be more uniform and attractive to spat.

#### WHEN TO PLANT CULTCH.

In actual practice of shell planting the cultch is placed for the most part a long while before the date of spat climax. By the time the spatting commences the cultch has become coated with a growth of slime that prevents the fry from gaining a foothold. While there is some spat in the water throughout the summer, *the heavy spatting is confined to a few days.* It, therefore, becomes an important matter for the planter to be able to predict quite closely when this event is to occur. This year the climax fell during the first week in July, whereas last year it fell in the last week of July.

When, on the tenth of June, we announced to some of the planters that oyster fry were present in the water at the rate of one or two hundred per bucketful, there was a considerable hurry to get the shells planted. The sequel proved that it would have been better to have placed this cultch at least two weeks later. In fact, the very best time to have completed the planting would have been June 30th, whereas last year the date should have been July 22d or 23d. At the close of the summer it required considerable searching among the shells planted in the middle of June to find a shell that held as many spat as our best shells caught in one night during the spatting climax.

It is out of the question for the ordinary planter to be able to ascertain the abundance and age of oyster fry present in the water. It is also not feasible to have an expert at all the different planting

grounds at each season. The average oysterman could be taught to recognize newly attached spat, but then it would be too late to get the shells out. A much better way is to keep track of the spawning of the adult oysters, and by taking a few temperature observations of the water at high and at low tide he would be able to judge pretty nearly the proper time to plant cultch. It shall be our aim to work out a formula applicable to such cases.

#### DISTRIBUTION OF FRY.

A large amount of experimenting was done, the results of which are not sufficiently complete for present publication, but one line of results has considerable practical value and deserves notice. We endeavored to ascertain the distribution of fry in the lagoon. We found that to a considerable extent the fry are a part of the water, in that they float passively with the tidal currents. They are, therefore, present only in the particular water that covered the spawning oysters during the time the spawn was emitted. The fry may at times descend to the bottom to hide or rest in its minute recesses, and at other times it is at the surface, but they are usually not found in water of a specific saltness below 1008. This may be due either to a destructive effect of the fresher water or else the oysters will not emit spawn in the fresher water. Questions such as these have yet to be answered by investigation.

The conditions at Barnegat were almost too favorable for work along this line. The broad creek of brackish or nearly fresh water empties into a large lagoon having two direct outlets and two indirect connections with the bay. The water near the laboratory contained fry only at high tide. The cultch in the creek was not exposed to the spatting influences during the entire day as was the case in the lagoon. Further, it is not likely that the spatting takes place equally well at all phases of the tide. We made many experimental observations along this line, but the only results that seem definite indicate that spatting is most active during the night; in fact, the shells that held the most spat were out only during the night, and actually had a better catch than the shells that had been on the ground during the preceding daytime and the same night.

## OYSTER CULTURE IS AGRICULTURE.

The details of the season's work are published in the report of the Agricultural Experiment Stations. Oyster study is specifically the work of the Biological Department of the Agricultural College Experiment Station created by the Hatch Act in 1888. That very year saw our first oyster report issued under the auspices of that Station, with the expenses paid from the National appropriation. It was not until 1901 that the State began giving financial aid and encouragement to this work, and the annual expenditure did not exceed two hundred dollars. In 1907 the act was revised so as to permit a larger appropriation being made. This places the work on the same basis as the other experimental work of the stations. Oyster culture, like ordinary agriculture, has its problems that will take a good deal of study to solve.

We proposed giving these problems as serious consideration as any of the other experimental departments give to their specific problems. In addition to State aid, we have the investigators, the apparatus, the national aid, that amounts to about twice the value of the State grant. The question has been asked, why this work should "be continued under the control of the Agricultural Department of the State Government," and the best answer must be made by asking another, viz., What good reason can be given why the work should not be so continued?

In the report of the New Jersey State Oyster Commission for 1907 (see P. 29, Report of the Bureau of Shell Fisheries) it is "respectfully suggested that the matter of destroying 'the borer' receive the attention of the State Biologist." Oyster culture has many such problems, and we are glad to have the oystermen call attention to them. In Connecticut and New York this pest is treated by letting infested grounds lie fallow until the borers have disappeared, then it will be several years before they reappear in numbers. Another method is to remove the oysters and to dredge off the borers. We have seen the picture of a dredge devised to gather them off without removing the oysters, but we cannot vouch for its successful operation.

If the State continues to add this work in the spirit of the new law, we shall materially broaden the scope of our operations and shall be glad to undertake such lines of investigation as may seem most desirable to the practical oystermen. We invite correspondence and conference on these matters.

Respectfully submitted,

JULIUS NELSON, P.H.D.,  
*Biologist, Agricultural College Experiment Station.*

## Delaware Bay and Maurice River Cove Report.

---

### *To the Bureau of Shell Fisheries:*

Pursuant to and in conformity with the provisions of the act of April 14th, 1903 (P. L. 1903, p. 709), the undersigned, the New Jersey State Oyster Commission, make this our annual report for the fiscal year ending October 31st, 1908:

During the year past, the oyster protective laws have been unusually well observed. Only one violation of the Rough Cull Law was reported to our Commission. The offender was apprehended, pleaded guilty, and was fined two hundred and fifty dollars.

The catch of spat in Delaware Bay the past season was unprecedented, and the fry, while small, are thriving.

Old grounds below the southwest line in Delaware Bay display evidence of deterioration. Oysters have made little growth on many of them. Planters are seeking new locations and are taking up bottom not heretofore used for planting purposes.

Appearances indicate that this lack of growth of planted oysters on the old grounds is due to absence of lime. Whether this essential lime is part of the suspended sediment in the water, or whether it is drawn from the subsoil of the cove is a question about which oystermen differ, and is more properly within the province of the State Geologist to determine.

This shifting of locations of planting grounds has not greatly increased the total area of leased lands, which remains about 20,000 acres out of 60,000 to 70,000 acres available for such purpose. There have been, however, nearly 200 applications for new grounds and for extensions of old grounds filed during the year. Planters are taking up ground nearly out to the channel and northward to the southwest line.

Survey fees paid this year are more than three times the amount paid last year, indicating the increase of new applications.

## Delaware Bay and Maurice River Cove Report.

### *To the Bureau of Shell Fisheries:*

Pursuant to and in conformity with the provisions of the act of April 14th, 1903 (P. L. 1903, p. 709), the undersigned, the New Jersey State Oyster Commission, make this our annual report for the fiscal year ending October 31st, 1908:

During the year past, the oyster protective laws have been unusually well observed. Only one violation of the Rough Cull Law was reported to our Commission. The offender was apprehended, pleaded guilty, and was fined two hundred and fifty dollars.

The catch of spat in Delaware Bay the past season was unprecedented, and the fry, while small, are thriving.

Old grounds below the southwest line in Delaware Bay display evidence of deterioration. Oysters have made little growth on many of them. Planters are seeking new locations and are taking up bottom not heretofore used for planting purposes.

Appearances indicate that this lack of growth of planted oysters on the old grounds is due to absence of lime. Whether this essential lime is part of the suspended sediment in the water, or whether it is drawn from the subsoil of the cove is a question about which oystermen differ, and is more properly within the province of the State Geologist to determine.

This shifting of locations of planting grounds has not greatly increased the total area of leased lands, which remains about 20,000 acres out of 60,000 to 70,000 acres available for such purpose. There have been, however, nearly 200 applications for new grounds and for extensions of old grounds filed during the year. Planters are taking up ground nearly out to the channel and northward to the souhtwest line.

Survey fees paid this year are more than three times the amount paid last year, indicating the increase of new applications.

Many of the monuments and ranges which the oyster law requires this Commission to maintain have fallen into decay. The duty of the Commission in this respect is declared by the Supreme Court in *State vs. Lee*, 70 N. J. Law 368.

There is no appropriation now available out of which the cost of performing this duty can be met.

We respectfully urge that such action will be taken by the next Legislature in this behalf as will result in appropriating sufficient funds to enable the Commission to renew these monuments at an early date.

Conditions in Raritan Bay continue substantially the same as last year.

We beg leave to refer to the annexed report of our Superintendent for detailed statement of our receipts. Moneys expended under our supervision are shown in the report of the State Comptroller.

Respectfully submitted,

JEREMIAH N. OGDEN,  
EDMUND STITES, JR.,  
OGDEN GANDY,  
WILLIAM DEGROFF,  
*State Oyster Commission.*

## Superintendent's Report.

GENTLEMEN—I herewith submit to you for the fiscal year ending October 31st, 1908. The following statement shows gross receipts from all sources during this year:

From licenses issued to vessels in Delaware Bay, .....	\$9,943 00
From leases issued for oyster ground in Maurice River Cove,...	6,881 55
From survey fees for oyster grounds in Maurice River Cove,...	1,602 50
From sale of maps of oyster grounds in Maurice River Cove,...	17 50
From sale of oil tank house at Maurice River Wharf,.....	6 00
From licenses issued to vessels in Raritan Bay,.....	138 00
From leases issued for oyster grounds in Raritan Bay,.....	547 00
<hr/>	
Total receipts, .....	\$19,135 55

Annexed hereto you will find schedules showing the names and post-office addresses of all lessees, and the number of acres leased to them; also the names and post-office addresses of the master or owner of all boats or vessels licensed, and the name of such boat or vessel and her tonnage.

You will notice the amount of survey fees collected are far in excess of any previous year. This does not denote that every application means an increase of area to be leased, as many represent an exodus from inshore territory to new territory outside of any now in use, and necessitates an enlarged map to take all the area below the southwest line from shore to Ship Channel in Delaware Bay, and down the Bay to the Brandywine and Dennis Creek line to the intersection of same with the Green Creek, or Clam Line; thence along the same to Cape Shore.

Thanking you for the courtesy and generous support you have at all times given me in conducting the affairs pertaining to the duties of this office, and I assure you it will be my earnest desire and purpose to continue to merit your support so long as I may be permitted to serve you.

Very respectfully,

A. T. BACON,  
*Oyster Superintendent.*

## Ocean County Report.

---

*To the Bureau of Shell Fisheries:*

Pursuant to the provisions of the Act of March 26th, 1902 (P. L. 1902, page 170), the undersigned, the State Oyster Commission for the district of Ocean County, make this their annual report for the period ending October 31st, 1908.

Immense territory lies under the tidal waters of our district capable of producing immense quantities of seed oysters for home consumption, which are at present absolutely neglected because no well defined policy has been adopted by the State. With the passing out of the old Shell Commission, the State abandoned its policy of shelling these grounds; since that time they have been absolutely unproductive, and to-day are in a barren condition. It seems to us that some plan should be immediately adopted to open up for development these valuable lands of the State, now unproductive. Thousands of acres of valuable lands, now lying idle and useless, could by proper management be made to produce many thousands of bushels of oyster seed, thus giving employment to hundreds of our citizens, increase the value of the property in our shore towns and villages, and give to the State an immense revenue. Our aim is to impress upon the Legislature at its next session the great importance of this question that interests so many citizens of the State along the shore towns.

The remedy lies at the command of the Legislature; open up every foot of bottom whereon an oyster will grow. There are thousands of acres of so called natural growth bottom which lies unused and unproductive, and could be made of inestimable value to the individual, the State, and the Nation, if placed under cultivation.

In conclusion we desire to express our high appreciation of the painstaking efforts of Superintendent E. A. Horner in the administration of his office. We endorse the recommendation con-

tained in his report, and sincerely hope the next Legislature will incorporate them in our law.

Respectfully submitted,

S. B. ALLEN,  
H. E. KELLEY,  
JESSE GRANT,  
*Commissioners.*

## Superintendent's Report.

GENTLEMEN—In presenting this my fifth annual report as Oyster Superintendent for the District of Ocean county it is with a sense of considerable satisfaction that I am able to say that from a state of great confusion, when the rights of every bayman were uncertain, and conditions were so lawless that petty pilfering of oysters had grown into downright robbery, and assault into homicide, to-day the oyster industry in Ocean county, under the law of 1902 is on a firm and settled basis. The rights of the clammer and the oysterman are clearly understood, and the law is generally obeyed. Some prosecutions have been necessary, and some convictions have resulted, for the law has been fearlessly and consistently enforced. To-day, so far as its principal particulars go, everyone is well satisfied with its operations.

There are, however, certain modifications and amendments that should be made in the present law; and in line with the suggestions thereon, which I deem it my duty to make, my remarks cannot be better prefaced than by a reference to the late remarkable growth of oyster spat or spawn on what is left of our natural seed beds, and then by contrast show our need of State assistance.

The catch of the present season was indeed a remarkable growth to us in this generation, when one who engages in the industry of oyster culture must learn not to depend upon domestic seed but upon James River and Long Island seed that must be imported at great expense and at very little ultimate profit. True, a few individuals made high wages for a few days by working on the natural seed beds, but the supply was so limited that it was soon exhausted, curtailing the exploitation of the tonger and restricting the planter in his purchase of domestic seed. Time was, decades ago, when the oyster, as bountifully supplied by nature, littered every reef and bar and sedge. But the profligacy of man has long since almost exhausted nature's bounty, and

to-day we must by artificial means remedy, in so far as it is possible, the inroads that we have made upon the natural supply. We must see to it that the need of oyster preservation be further recognized.

While every citizen of New Jersey is particularly well acquainted with the oyster, yet practically few understand the magnitude of the industry and the possibility of its future development. Seldom a spring passes but in Ocean county alone from fifty to seventy-five thousand dollars worth of seed is imported from Virginia and New York. This, it should be borne in mind, is exclusive of the value of the plants taken from domestic beds. The seed imported into Ocean county costs at least seventy-five cents per bushel on the planting ground. It takes from two to three years for the development of the marketable oyster. Allowing for interest on invested capital, cost of handling and loss from various causes, as injury in handling, damage by ice, depredations by drum fish and snails, the smothering of plants, etc., the net profit amounts approximately to only the growth of the plant. Seed at such a price is simply prohibitive to the small planter; certainly very restrictive to the larger, well-established planter. Contrast this with the cost of domestic seed transplanted from the natural beds to the planting grounds at thirty-five to forty cents per bushel. Is it cause for wonder then that everywhere one hears complaints of the decline of oyster planting brought about by restrictive conditions, incident hard times for the baymen, and the gradual failure of the bays, under the present system, as a means of livelihood? In Ocean county we have the natural resources to help ourselves once they are properly developed under the wise administration of the State. I have endeavored to clearly set forth the lack of seed even under the most favorable circumstances and the reasons therefor; the fact of the demand for the product far outstripping the supply and the value of the industry. The situation of oyster culture in Ocean county is approaching a climax. Our only hope of remedy for this situation must spring from the Legislature, and to it we must appeal.

There are thousands of acres of bay bottom in the jurisdiction over which I have been given supervision that must go unworked on account of lack of seed within the reach of the planter. To

meet the newly arisen conditions we must have additional legislation. In my reports of the two previous years I urged as strongly as I could the passage of legislation to which I am again now about to call attention.

The productive natural seed beds are very much constricted in area. There is only one to-day which really deserves the name of a natural seed bed, the Graveling, at the mouth of the Mullica river. It is here that the best catches are made, and it is here that the bayman directs his principal efforts. Yet on this, the present largest bed, after two or three days the bottom is scraped clean, and the worker, making the best of his comparatively small catch, engages in labor elsewhere. At Cedar creek there was once a very large and productive bed, and pages might be written of the good old days when our ancestors day in and day out vigorously plied their tongs and transported their catch by the sloop load. All that is but a remembrance, and to-day only a little seed can be gathered from the now depleted beds. In Tuckerton cove and Parker's cove there are small tracts where a few bushels of seed are caught each year.

I have gone into the matter as carefully as possible, and two years of practical experience in oyster culture have added the counsel of many experienced oystermen. The unanimous opinion is that the State should take under direct control the large but now unproductive areas described, and by appropriate legislation make it possible to lease to individuals lands for the propagation of oyster seed. There is little doubt but that such lands would be quickly taken up and sufficient seed raised thereon to supply, at a reasonable price, planters, or would-be planters, who now clamor in vain for seed they cannot buy. The productive areas might still be left open to the public at certain seasons, but greater care should be exercised over them by the State. The open season for gathering the natural seed should be from, say, April 1st to May 30th, instead of in the fall, as at present. There are, however, thousands of acres in the vicinity of the Cedar creek bed, in Barnegat bay, which are useless for anything in the way of oyster culture at the present time, and, in fact, devoid of any natural product. These grounds are, however, admirably adapted

to the artificial propagation of oyster seed. I strongly urge that such lands be taken under the direct control of the State and leased to individuals for the purpose of seed propagation.

In the present state of the natural seed beds, it seems almost unjust to compel a tonger to pay a license fee for which he gets no return in outlay by the State on his behalf. This section of the law should in any case be amended. It is markedly deficient in operation, as set forth in my report of last year, to which I need but to refer. If the policy of reselling the natural beds is adopted by the State, the tonger could then feel that he is getting something, at least, for the money he pays for a license, and it would, undoubtedly, result in greater satisfaction to him.

Many of the reforms herein suggested were before the last session of the Legislature in the shape of bills, but they failed of passage beyond the House of Assembly. I beg leave to earnestly recommend that legislation along the same or similar lines be proposed, and that every honest effort be used to secure its enactment.

Annexed hereto is a complete list of all the lessees of oyster grounds in Ocean county, with the holdings of each, together with a list of the names of those to whom tonger's licenses have been issued during the past year.

Following is a correct statement of all moneys received during the fiscal year ending October 31st, 1908:

Received for ground rentals, .....	\$1,933 50
Received from license fees, .....	895 00
	\$2,828 50

Respectfully submitted,

E. A. HORNER, JR.,  
*Oyster Superintendent.*

## Atlantic County Report.

As required by statute law, the State Oyster Commission for the District of Atlantic County, hereby respectfully submit their annual report for the fiscal year ending October 31st, 1908.

The affairs of the oyster industry in this district for the past year have been quiet and very successful.

The oyster planters in this district appear to be better satisfied than they have been for a number of years. The tongers on the natural oyster grounds the past season have complied with the culling law in its entirety, which is a very important matter accomplished. Also every tonger procured his license, and no serious protests were offered. The Commissioners took a determined stand for the enforcement of the culling law, the result of which will be realized in the future development of the natural oyster grounds.

On the opening of the oyster season the Commissioners were on the natural oyster grounds of the Mullica River and Great Bay, in order to have a personal observation of the work and operations of the tongers; and we were glad to note their willingness to comply with the laws. Fortunately for all concerned, the catch was a fine and very large one; the plants being exceptionally strong and well developed. This was the first year in twenty that the supply of good, clean, culled seed, of proper size, equalled the demand. Abundant evidence is now given the Commission, through the increased demand for the planting grounds, that the planters are preparing to utilize this seed for spring planting.

A very important feature for the future betterment in this industry lies in the proper shelling of the good grounds, which we have in both Atlantic and Ocean counties. These grounds are of the very best, and a proper and careful distribution of shells by the State would bring about a vast improvement over present conditions.

The requirement of the oyster industry in this district is seed. The quantity and quality of seed oysters depends on the cultch and its protection until the young oyster reaches such maturity that the removal from the spawning grounds to the planting grounds can be done without death to the seed oysters, and so culled as to leave the cultch on the beds. Had this Commission the power, as had the previous Oyster and Shell Commission, to reserve such parts of the spawning grounds during the spat and blister stage until the seed oysters had grown to such a size that, in culling, the oyster could be taken and the cultch left behind for the other spat to catch to, we would be able to have at all times such a quantity of cultch (some of which is now carried away) left on the spawning grounds as would afford, in a large measure, abundant and good seed for planting purposes.

We desire to submit that the rentals on the leased grounds were this year reduced from two dollars to one dollar per acre. We believe that in justice to the lessees this was right, for they were paying from four to eight times as much per acre in this district as was charged in adjoining counties. It also seemed right because it removed a feeling of discontent, and has led, as the report will show, to increasing acreage being rented. The Commission feel that they will offset this seeming loss to the State by being able to reduce proportionately in a short time the expenses, and increase the income so that at no distant day the industry in this district will be self-supporting and probably become a source of revenue to the State.

We are particularly pleased to be able to report that the benefits of the laws have become better understood, for we have not been compelled to invoke the aid of the courts to assist us in enforcing the laws' provisions or to punish any infraction. To this end we have had the co-operation of the Oyster Planters' Association of Atlantic county, whose advice and assistance we have found valuable.

In our judgment, the future for the oyster industry in Atlantic county is bright and getting brighter, and we hope the Governor, the Legislators and the Chief of our Department, Mr. Charles R. Bacon, all of whom have helped us so much in the past, will find it proper to continue their valuable aid.

The following shows the expenditures, as was approved by the Commission, for the year ending October 31st, 1908:

For patrol service, .....	\$1,610 56
For surveys, oyster planting grounds, .....	107 10
For stationery and printing, .....	31 75
For incidentals, .....	258 90
For new engine for launch (special appropriation),.....	570 30
Total, .....	<u>\$2,578 61</u>

The Oyster Superintendent has collected the following moneys:

For rentals, .....	\$1,172 50
For licenses to tongers, .....	610 00
For serving notices, .....	20 00
Total, .....	<u>\$1,802 50</u>

Respectfully submitted,

HARRY H. POSTOLL,  
R. M. SOOY,  
ISAAC SMALLWOOD,  
*Commissioners.*

## The Shark River District.

Report of the Oyster and Clam Commission of the district of Shark River, in the county of Monmouth, for the year ending October 1st, 1908, pursuant to Chapter 14 of the Laws of 1905, entitled "An act for the regulation, protection and control of the planting, cultivating and the gathering or taking of oysters and clams on lands covered with water in Shark river, in the county of Monmouth," approved March 7th, 1905:

Receipts, .....	\$211 50
Disbursements, .....	7 05
	<hr/>
Balance, .....	\$204 45

## Oyster Canning at Charleston.

Over two hundred years ago, as early as 1679, Charleston, S. C., was known as oyster point, though as late as 1880 the State of North Carolina had only 185 persons employed at its oyster industry, with a capital invested of \$12,250. About 50,000 bushels of oysters were dredged from its beds annually, which were of a market value of \$20,000.

To-day there is a different story to tell of this industry, and Charleston, if not in name, has become in fact an oyster point, and has one of the best equipped oyster canneries on the Atlantic coast, lately erected at a cost of many thousands of dollars, with improved canning machinery, where from two hundred to a thousand persons are employed during the entire oyster season.

The oyster fleet of Charleston consists of over one hundred vessels, besides six fifty-ton lighters, three one hundred-ton lighters and three steam tugs, which bring to the wharves of Charleston every night from seven to twenty thousand bushels of raccoon oysters. Not all of these are put into the tiny cans, afterward to go to all parts of the globe, but about half of them are used in the regular way as a daily food commodity, while the balance are canned in the mammoth new plant.

Charleston oyster canneries are operated economically, and yet their daily expense is \$1,000. Ninety-nine per cent. of the labor is done by negroes under twenty years of age, while all the managers and overseers are white people. Even the majority of the operators of the oyster schooners are of the negro race, and there are probably not a score of white men on the oyster boats in Charleston harbor.

## Atlantic County Oyster Bed Leases, 1908-1909.

NAME.	ADDRESS.	No.	Acreage.	Amount.	Date.	Term.
Adams, Charles, .....	Pleasantville, .....	203	5.00	\$10 00	Nov. 1	1 year
Adams, Charles, .....	203a	5.00	5 00		Sept. 19	1 year
Adams, Ellis J., .....	Pleasantville, .....	205a	10.00	10 00	Sept. 25	1 year
Adams, Isaac, .....	Pleasantville, .....	204	4.31	9 00	Nov. 1	1 year
Adams, Isaac, .....	Pleasantville, .....	204a	4.31	4 50	Sept. 19	1 year
Adkisson, Z. T., .....	Absecon, .....	194a	7.64	7 75	Sept. 17	1 year
Albertson, John C., .....	Pleasantville, .....	21a	1.33	1 50	Sept. 16	1 year
Alcorn, J. Wm., .....	Atlantic City, .....	246a	4.05	4 25	Oct. 14	1 year
Allen, Jos. B., Jr., .....	New Gretna, .....	230	1.48	3 00	Sept. 5	1 year
Allen, Jos. B., Jr., .....	Atlantic City, .....	90a	7.44	7 50	Sept. 16	1 year
Allen, Samuel, .....	New Gretna, .....	227	1.75	3 50	Nov. 22	1 year
Allen, Samuel, .....	New Gretna, .....	227a	1.75	1 75	Sept. 19	1 year
Boice, P. Harlan, .....	Absecon, .....	169a	7.50	7 50	Sept. 25	1 year
Bowen, Arthur S., .....	Leeds Point, .....	218a	3.89	4 00	Sept. 16	1 year
Bowen, Bartine, .....	Leeds Point, .....	126a	.80	1 00	Sept. 16	1 year
Bowen, Elwood, .....	Pleasantville, .....	206a	5.65	5 75	Sept. 19	1 year
Bowen, J. Clark, .....	Leeds Point, .....	152	5.92	12 00	Dec. 31	1 year
Bowen, J. Clark, .....	Leeds Point, .....	152a	5.92	6 00	Sept. 15	1 year
Bowen, Samuel G., .....	Pleasantville, .....	23a	8.63	8 75	Sept. 16	1 year
Bowen, Somers L., .....	Pleasantville, .....	24a	8.60	8 75	Sept. 19	1 year
Bowen, Thomas, .....	Pleasantville, .....	207a	3.25	3 25	Oct. 10	1 year
Brand, George, .....	Port Republic, .....	221	1.75	3 50	Mar. 7	1 year
Chew, Benj. W., .....	New Gretna, .....	196a	2.88	3 00	Sept. 17	1 year
Collins, Almyra, .....	Pleasantville, .....	201a	1.75	1 75	Sept. 18	1 year
Collins, Burris, .....	Pleasantville, .....	80a	5.46	5 50	Sept. 19	1 year
Collins, Isaac, .....	Pleasantville, .....	28a	10.00	10 00	Sept. 18	1 year
Collins, John, .....	Pleasantville, .....	27a	3.52	3 75	Sept. 19	1 year
Collins, John H., .....	Pleasantville, .....	29a	10.00	10 00	Sept. 16	1 year
Conover, Alfred, .....	Atlantic City, .....	92	10.00	20 00	Feb. 10	1 year
Conover, Alfred, .....	Atlantic City, .....	92a	10.00	10 00	Oct. 16	1 year
Conover, Enoch, .....	Oceanville, .....	162a	1.13	1 25	Sept. 19	1 year
Conover, Ezra (Est.), .....	Atlantic City, .....	20a	9.00	9 00	Oct. 16	1 year
Conover, George, .....	Absecon, .....	223	7.00	14 00	May 2	1 year
Conover, George, .....	Absecon, .....	237	.90	3 00	May 2	1 year
Conover, Gilbert, .....	Absecon, .....	154a	8.00	8 00	Sept. 16	1 year
Conover, Harry B., .....	Absecon, .....	260a	1.20	1 25	Sept. 18	1 year
Conover, Joel A., .....	Atlantic City, .....	91	10.00	20 00	Mar. 7	1 year
Conover, Joel A., .....	Atlantic City, .....	91a	10.00	10 00	Oct. 16	1 year
Conover, John F., .....	Atlantic City, .....	96a	2.71	2 75	Oct. 28	1 year
Conover, Leon, .....	Absecon, .....	164	2.48	5 00	Nov. 6	1 year
Conover, Leon, .....	Absecon, .....	164a	2.48	2 50	Sept. 16	1 year
Conover, Micajah, .....	Absecon, .....	165	9.40	19 00	Nov. 6	1 year
Conover, Micajah, .....	Absecon, .....	165a	9.40	9 50	Sept. 16	1 year
Conover, Priscilla, .....	Absecon, .....	224	7.21	14 50	May 2	1 year
Conover, Priscilla, .....	Absecon, .....	238	1.49	3 00	May 2	1 year
Conover, Roland A., .....	Oceanville, .....	128	1.50	3 00	Nov. 1	1 year
Conover, Roland A., .....	Oceanville, .....	128a	1.50	1 50	Sept. 19	1 year
Conover, Willis R., .....	Oceanville, .....	153	1.14	3 00	Nov. 14	1 year
Conover, Willis R., .....	Oceanville, .....	153a	3.14	3 25	Sept. 16	1 year
Conover, William, .....	Atlantic City, .....	93	1.73	3 50	Dec. 31	1 year
Conover, William, .....	Atlantic City, .....	93a	1.73	1 75	Oct. 16	1 year
Conover, Zeph. S., .....	Atlantic City, .....	19a	7.00	7 00	Oct. 16	1 year
Cramer, Albert F., .....	Atlantic City, .....	129a	1.03	1 25	Sept. 19	1 year
Cramer, Albert F., .....	Atlantic City, .....	190a	1.97	2 00	Sept. 19	1 year
Cramer, Arnold, & Caleb, .....	New Gretna, .....	189	.53	3 00	Dec. 7	1 year
Cramer, Arnold, & Caleb, .....	New Gretna, .....	189a	.53	1 00	Sept. 16	1 year
Crouse, D. W., .....	Pleasantville, .....	220	1.80	4 00	Jan. 23	1 year
Darby, John W., .....	New Gretna, .....	188a	2.09	2 25	Oct. 24	1 year
Dennis, Burris F., .....	Scullville, .....	32a	6.25	6 25	Sept. 19	1 year
Dennis, Charles B., .....	Scullville, .....	33a	.94	1 00	Sept. 15	1 year
Dennis, Chas. B., & Henry B., .....	Scullville, .....	34a	2.40	2 50	Sept. 15	1 year
Dennis, Henry B., .....	Scullville, .....	35a	2.57	2 75	Sept. 15	1 year
Doughty, B. F., .....	Atlantic City, .....	176a	.26	1 00	Sept. 15	1 year
Doughty, David, .....	Oceanville, .....	195	.73	3 00	Dec. 31	1 year
Doughty, David, .....	Oceanville, .....	195a	.73	1 00	Sept. 19	1 year
Doughty, Edward C., .....	Oceanville, .....	182a	.80	1 00	Sept. 16	1 year
Doughty, Ezra, .....	Oceanville, .....	183a	1.79	2 00	Sept. 18	1 year
Fairbrother, Charles, .....	Pleasantville, .....	38a	4.25	4 25	Sept. 19	1 year
Fairbrother, Lewis, .....	Pleasantville, .....	39a	5.00	5 00	Sept. 18	1 year
Fish, Alexander, .....	Pleasantville, .....	36	9.82	20 00	Nov. 20	1 year
Fish, William, .....	Ocean City, .....	37	9.14	18 50	Nov. 11	1 year
Garrison, Dennis, .....	Scullville, .....	181	3.11	6 50	Aug. 1	1 year
Garwood, Richard, .....	Pleasantville, .....	40a	5.12	5 25	Sept. 18	1 year

## ATLANTIC COUNTY OYSTER BED LEASES.—Continued.

NAME.	ADDRESS.	No.	Acceage.	Amount.	Date.	Term.
Gaskill, Thomas J.,	New Gretna,	187a	1.35	1 50	Oct. 28	1 year
Giberson, H., & Smith, D.,	Leeds Point,	213a	4.74	4 75	Sept. 17	1 year
Giberson, Richard,	Absecon,	118a	1.30	1 50	Sept. 16	1 year
Giberson, Samuel,	Absecon,	115a	5.17	5 25	Sept. 16	1 year
Giberson, Thomas D.,	Leeds Point,	121	6.37	13 00	Nov. 12	1 year
Giberson, Thomas D.,	Leeds Point,	121a	3.68	3 75	Sept. 18	1 year
Giberson, Thomas D.,	Leeds Point,	219	2.37	5 00	Nov. 12	1 year
Giberson, Thomas D.,	Leeds Point,	219a	2.37	2 50	Sept. 18	1 year
Hammell, Charles P.,	Absecon,	117a	2.00	2 00	Oct. 16	1 year
Hammell, Charles P.,	Absecon,	198	9.84	20 00	Nov. 7	1 year
Hammell, Charles P.,	Absecon,	198a	9.84	10 00	Sept. 16	1 year
Hammell, Elnora,	Absecon,	199	3.07	6 50	Nov. 7	1 year
Hammell, Elnora,	Absecon,	199a	3.07	3 25	Sept. 16	1 year
Hammell, William A.,	Absecon,	178a	5.94	6 00	Sept. 18	1 year
Hewitt, Nelson,	Port Republic,	243a	1.69	1 75	Oct. 15	1 year
Higbee, Allen C.,	Leeds Point,	131	3.67	7 50	Nov. 7	1 year
Higbee, H., & Conover, C.,	Oceanville,	137a	3.00	3 00	Oct. 10	1 year
Higbee, James W.,	Leeds Point,	155	10.00	20 00	Nov. 5	1 year
Higbee, Job M.,	Leeds Point,	130	4.02	8 50	Nov. 7	1 year
Higbee, John G.,	Leeds Point,	132	10.00	20 00	Nov. 7	1 year
Higbee, Somers T.,	Leeds Point,	134a	2.14	2 25	Sept. 16	1 year
Higbee, Somers T.,	Leeds Point,	261a	1.15	1 25	Sept. 16	1 year
Hilton, Hannah,	Pleasantville,	228	1.81	4 00	Aug. 1	1 year
Hilton, John M.,	Pleasantville,	41a	9.88	10 00	Sept. 18	1 year
Holdzkorn, David,	Brigantine,	241	2.28	3 00	May 13	1 year
Holdzkorn, Edward,	Brigantine,	98a	6.69	6 75	Sept. 10	1 year
Holdzkorn, Harry P.,	Brigantine,	100a	1.92	2 00	Oct. 15	1 year
Holdzkorn, Samuel E.,	Brigantine,	177	3.06	6 50	Dec. 12	1 year
Holdzkorn, Samuel E.,	Brigantine,	177a	3.06	3 25	Sept. 19	1 year
Holdzkorn, William,	Brigantine,	124a	1.48	1 50	Sept. 19	1 year
Honer, Julius,	Oceanville,	226	1.30	3 00	Feb. 13	1 year
Horton, Charles M.,	Pleasantville,	44a	7.12	7 25	Sept. 19	1 year
Horton, Edward,	Pleasantville,	43a	1.11	1 25	Sept. 15	1 year
Horton, Edward,	Pleasantville,	45a	1.92	2 00	Oct. 10	1 year
Horton, Willis,	Pleasantville,	48a	2.16	2 25	Sept. 15	1 year
Ingersoll, Norris A.,	Pleasantville,	49	2.93	6 00	Mar. 2	1 year
Ingersoll, Norris A.,	Pleasantville,	49a	2.00	2 00	Sept. 10	1 year
Jacobson, Charles,	Oceanville,	139	1.10	3 00	Nov. 11	1 year
Jacobson, Charles,	Oceanville,	139a	1.10	1 25	Sept. 15	1 year
Lafferty, Walter,	Pleasantville,	53	6.83	14 00	Dec. 5	1 year
Lake, Albert,	Pleasantville,	50a	5.72	5 75	Oct. 24	1 year
Lake, Henry,	Pleasantville,	52a	7.31	7 50	Sept. 18	1 year
Lake, Henry,	Pleasantville,	52	7.31	15 00	Mar. 4	1 year
Leeds & Blackman,	Oceanville,	197a	3.51	3 75	Sept. 19	1 year
Leeds, Charles A.,	Leeds Point,	141a	3.13	3 25	Sept. 17	1 year
Leeds, Edward,	Oceanville,	172a	3.39	3 50	Sept. 15	1 year
Leeds, W. C. N.,	Brigantine,	123	4.93	10 00	Nov. 23	1 year
Leeds, W. C. N.,	Brigantine,	123a	4.93	5 00	Oct. 15	1 year
Londenslager, Wm. B.,	Ventnor City,	211a	2.70	2 75	Sept. 17	1 year
Loveland, Reuben A.,	New Gretna,	142a	3.75	3 75	Oct. 28	1 year
Mathis, Alvin,	New Gretna,	144a	1.57	1 75	Oct. 21	1 year
Mathis, C. B., Sr.,	Pleasantville,	85	3.40	7 00	Dec. 2	1 year
Mathis, C. B., Jr.,	Pleasantville,	248a	5.62	5 75	Sept. 17	1 year
Mathis, Eben, Sr.,	Pleasantville,	59a	1.63	1 75	Oct. 15	1 year
Mathis, Ella,	Pleasantville,	57a	10.00	10 00	Sept. 16	1 year
Mathis, Ezra B.,	Pleasantville,	60a	2.00	2 00	Sept. 19	1 year
Mathis, Gilbert,	Pleasantville,	58a	9.82	10 00	Sept. 16	1 year
Mathis, John F.,	Leeds Point,	143	3.44	7 00	Dec. 28	1 year
Mathis, John F.,	Leeds Point,	143a	3.44	3 50	Oct. 15	1 year
Mathis, William E.,	New Gretna,	146a	1.03	3 25	Sept. 18	1 year
Mathis, William H.,	Pleasantville,	56a	10.00	10 00	Sept. 16	1 year
Matthews, D. L.,	Oceanville,	171	5.07	10 50	Dec. 18	1 year
Matthews, D. L.,	Oceanville,	171a	5.07	5 25	Sept. 18	1 year
Matthews, George, Jr.,	Oceanville,	103a	1.20	1 25	Sept. 18	1 year
Matthews, George W.,	Oceanville,	156a	8.80	9 00	Sept. 19	1 year
Matthews, Goldwin,	Oceanville,	104a	1.29	1 50	Sept. 18	1 year
Matthews, Samuel C.,	Oceanville,	105a	1.82	2 00	Sept. 18	1 year
Middleton, F. & Johnson, S.,	Atlantic City,	216a	8.26	8 50	Oct. 24	1 year
Mitchell, Levi,	Pleasantville,	54a	1.25	1 25	Sept. 16	1 year
Mitchell, William H.,	Pleasantville,	55a	4.42	4 50	Sept. 16	1 year
McKeague, H. S.,	Sculville,	12a	1.44	1 50	Sept. 15	1 year
Patchell, John A.,	Sculville,	157	3.00	6 00	Jan. 11	1 year
Powers, Elwood M.,	Linwood,	15a	1.88	2 00	Sept. 17	1 year

## ATLANTIC COUNTY OYSTER BED LEASES.—Continued.

NAME.	ADDRESS.	No.	Acceage.	Amount.	Date.	Term.
Powers, Jeremiah,	Linwood,	16a	3.00	3 00	Sept. 17	1 year
Price, Job C.,	Brigantine,	99	1.51	4 00	Dec. 6	1 year
Price, Job C.,	Brigantine,	99a	1.51	1 75	Sept. 19	1 year
Price, Samuel,	Pleasantville,	215	3.63	7 50	Nov. 11	1 year
Reed, Bodine C.,	Oceanville,	111a	2.63	2 75	Sept. 16	1 year
Reed, Willis W.,	Oceanville,	107a	1.59	1 75	Sept. 16	1 year
Risley, Ephraim,	Pleasantville,	64a	6.88	7 00	Sept. 18	1 year
Risley, Harry C.,	Pleasantville,	71a	7.85	8 00	Sept. 16	1 year
Risley, Herman, & Curtis,	Pleasantville,	63a	9.20	9 25	Sept. 18	1 year
Risley, Herman, & Curtis,	Pleasantville,	68a	4.14	4 25	Sept. 18	1 year
Risley, Job C.,	Pleasantville,	67a	3.80	4 00	Sept. 16	1 year
Risley, Obediah,	Pleasantville,	69a	4.92	5 00	Sept. 19	1 year
Risley, Richard I.,	Pleasantville,	66a	8.13	8 25	Sept. 16	1 year
Risley, Sylvia B.,	Pleasantville,	88a	1.00	1 00	Sept. 16	1 year
Robbins, L. D.,	New Gretna,	148a	1.06	1 25	Oct. 30	1 year
Scott, Robert W.,	Leeds Point,	159	10.00	20 00	Dec. 21	1 year
Scull, Alfred S.,	Linwood,	89a	1.07	1 25	Sept. 15	1 year
Scull, Elijah,	Sculville,	10a	6.43	6 50	Sept. 18	1 year
Scull, Gideon,	Sculville,	247a	5.00	5 00	Sept. 25	1 year
Scull, John B.,	Linwood,	200a	2.00	2 00	Sept. 15	1 year
Scull, M. V. B.,	Atlantic City,	151	3.00	6 00	Dec. 21	1 year
Scull, M. V. B.,	Atlantic City,	151a	3.00	3 00	Oct. 21	1 year
Scull, Thomas B.,	Leeds Point,	158a	3.49	3 50	Sept. 16	1 year
Savern, Joseph,	Brigantine,	240	.92	3 00	Oct. 15	1 year
Showell, George D.,	Absecon,	225	4.83	4 00	Dec. 7	1 year
Showell, George D.,	Absecon,	225a	1.94	2 00	Oct. 15	1 year
Smith, Aaron R.,	Sculville,	6a	6.38	6 50	Sept. 15	1 year
Smith, Abel W.,	Sculville,	5a	8.94	9 00	Sept. 15	1 year
Smith, Alfred B.,	Brigantine,	175	3.24	6 50	Dec. 2	1 year
Smith, Alfred B.,	Brigantine,	175a	3.24	3 25	Sept. 25	1 year
Smith, David T.,	Brigantine,	4a	6.12	6 25	Sept. 17	1 year
Smith, Edwin,	Oceanville,	184a	.57	1 00	Sept. 18	1 year
Smith, Japhet S.,	Sculville,	239e	3.18	3 25	Sept. 25	1 year
Smith, J. E.,	Oceanville,	233	2.46	5 00	May 2	1 year
Smith, J. Frank,	Brigantine,	186a	2.18	2 25	Sept. 18	1 year
Smith, John H.,	Sculville,	2a	7.85	8 00	Sept. 18	1 year
Smith, Joseph S.,	Absecon,	166	2.41	5 00	Jan. 8	1 year
Smith, Joseph S.,	Absecon,	230a	2.70	2 75	Sept. 16	1 year
Smith, Theodore,	Sculville,	1a	8.18	8 25	Sept. 15	1 year
Smith, Thompson,	Pleasantville,	79a	2.50	2 50	Sept. 25	1 year
Smith, Wesley C.,	Absecon,	249a	2.80	2 75	Sept. 17	1 year
Smith, William J.,	Oceanville,	139a	1.10	1 25	Sept. 15	1 year
Somers, Boice,	Sculville,	8a	3.75	3 75	Sept. 19	1 year
Somers, C. Bodine,	Oceanville,	234	.70	75	Aug. 1	1 year
Somers, C. Bodine,	Oceanville,	244a	2.00	2 00	Sept. 16	1 year
Somers, Chas. & Dennis C.,	Sculville,	9a	2.12	2 25	Oct. 15	1 year
Somers, Ezekiel,	Oceanville,	108	4.29	9 00	Dec. 6	1 year
Somers, Ezekiel,	Oceanville,	108a	4.29	4 50	Sept. 15	1 year
Somers, Harris,	Oceanville,	110a	1.63	1 75	Sept. 15	1 year
Somers, Harry C.,	Oceanville,	109a	1.95	2 00	Sept. 16	1 year
Somers, Jackson,	Steelmaunville,	7a	2.50	2 50	Sept. 15	1 year
Somers, James S.,	Linwood,	17a	5.57	5 75	Sept. 15	1 year
Somers, Leon,	Somers Point,	193a	8.71	8 75	Sept. 18	1 year
Somers, Mark S.,	Oceanville,	113a	1.74	1 75	Oct. 15	1 year
Somers, Sylvester,	Sculville,	14a	4.12	4 25	Sept. 15	1 year
Somers, Richard J.,	Linwood,	18a	9.86	10 00	Sept. 18	1 year
Sooy, E. M.,	Leeds Point,	149	.58	3 00	Nov. 14	1 year
Sooy, E. M., J. E., J. M.,	Pleasantville,	262a	1.92	2 00	Sept. 19	1 year
Sooy, Ephra,	Pleasantville,	77a	10.00	10 00	Sept. 25	1 year
Sooy, Nancy,	Pleasantville,	78a	8.00	8 00	Sept. 25	1 year
Sooy, Samuel B.,	Pleasantville,	76a	6.77	7 00	Sept. 25	1 year
Strickland, Daniel,	Oceanville,	222	3.36	7 00	Nov. 23	1 year
Strickland, Daniel,	Oceanville,	222a	2.00	2 00	Sept. 15	1 year
Willetts, Fred. W.,	Brigantine,	120	3.71	7 50	Nov. 27	1 year
Willetts, Fred. W.,	Brigantine,	120a	3.71	3 75	Oct. 13	1 year
Yates, Jesse,	Atlantic City,	245a	1.14	1 25	Sept. 17	1 year

## Atlantic County Boat Licenses.

NAME.	ADDRESS.	Kind of Boat.	No.	Date.	Tonn.	Amount.
Adams, Charles.	Pleasantville.	Garvey.	198	Oct. 1	1 year	\$2 50
Adams, Ellis J.	Pleasantville.	Garvey.	234	Oct. 1	1 year	50
Adams, Elmer.	Pleasantville.	Garvey.	191	Oct. 1	1 year	50
Adams, Uzz.	Pleasantville.	Garvey.	62	Oct. 1	1 year	50
Adger, Howard.	Tuckerton.	Garvey.	176	Oct. 1	1 year	50
Anderson, Sooy.	Leeds Point.	Garvey.	24	Oct. 1	1 year	50
Babeock, Wm.	Steelmanville.	Garvey.	235	Oct. 1	1 year	50
Barrett, Japhet.	Garvey.	88	Oct. 1	1 year	50	
Barrett, John.	Scullville.	Garvey.	89	Oct. 1	1 year	50
Barrett, Joseph.	Scullville.	Garvey.	75	Oct. 1	1 year	50
Barrett, Willard.	Scullville.	Garvey.	83	Oct. 1	1 year	50
Bartlett, John W.	Tuckerton.	Garvey.	192	Oct. 1	1 year	50
Blackman, Allen J.	Scullville.	Garvey.	219	Oct. 1	1 year	50
Boice, E. P.	Absecon.	Garvey.	134	Oct. 1	1 year	50
Booye, Andrew.	Steelmanville.	Garvey.	209	Oct. 1	1 year	50
Booye, D.	Steelmanville.	Garvey.	225	Oct. 1	1 year	50
Bowen, Alfred S.	Leeds Point.	Garvey.	163	Oct. 1	1 year	50
Bowen, Arthur.	Leeds Point.	Garvey.	15	Oct. 1	1 year	50
Bowen, B. D.	Leeds Point.	Garvey.	180	Oct. 1	1 year	50
Bowen, Bartine.	Leeds Point.	Garvey.	16	Oct. 1	1 year	50
Bowen, Ellwood.	Pleasantville.	Garvey.	233	Oct. 1	1 year	50
Bowen, J. C.	Leeds Point.	Garvey.	21	Oct. 1	1 year	50
Bowen, John S.	Leeds Point.	Garvey.	34	Oct. 1	1 year	50
Bowen, Samuel G.	Pleasantville.	Garvey.	200	Oct. 1	1 year	50
Bowen, Somers.	Pleasantville.	Garvey.	202	Oct. 1	1 year	50
Bowen, Thomas G.	Pleasantville.	Garvey.	242	Oct. 1	1 year	50
Bowen, Thomas R.	Absecon.	Garvey.	164	Oct. 1	1 year	50
Brown, E. M.	Petersburg, Cy. Co.	Garvey.	208	Oct. 1	1 year	50
Carney, George.	New Gretna.	Garvey.	129	Oct. 1	1 year	50
Cavileer, C. E.	Lower Bank.	Garvey.	151	Oct. 1	1 year	50
Cavileer, Clarence.	Lower Bank.	Garvey.	179	Oct. 1	1 year	50
Cavileer, Eugene.	Port Republic.	Garvey.	56	Oct. 1	1 year	50
Cavileer, Gilbert.	Port Republic.	Garvey.	55	Oct. 1	1 year	50
Cavileer, Howard.	Port Republic.	Garvey.	65	Oct. 1	1 year	50
Cavileer, John D.	Port Republic.	Garvey.	57	Oct. 1	1 year	50
Cavileer, Norris.	Port Republic.	Garvey.	63	Oct. 1	1 year	50
Cavileer, Raymond.	Lower Bank.	Garvey.	64	Oct. 1	1 year	50
Cavileer, Raymond.	Lower Bank.	Garvey.	182	Oct. 1	1 year	50
Cavileer, Reuben.	Lower Bank.	Garvey.	147	Oct. 1	1 year	50
Cavileer, Walter.	Port Republic.	Garvey.	138	Oct. 1	1 year	50
Cavileer, W. E.	Port Republic.	Garvey.	66	Oct. 1	1 year	50
Champion, Walter.	Pleasantville.	Garvey.	243	Oct. 1	1 year	50
Channells, Newman.	Oceanville.	Garvey.	51	Oct. 1	1 year	50
Chew, Benj. W.	New Gretna.	Garvey.	128	Oct. 1	1 year	50
Clark, Howard.	Pleasantville.	Garvey.	238	Oct. 1	1 year	50
Clayton, Nicholas.	Scullville.	Garvey.	215	Oct. 1	1 year	50
Conover, Arthur.	Absecon.	Garvey.	166	Oct. 1	1 year	50
Conover, Charles E.	Brigantine.	Garvey.	6	Oct. 1	1 year	50
Conover, Daniel.	Absecon.	Garvey.	167	Oct. 1	1 year	50
Conover, Elias.	Port Republic.	Garvey.	139	Oct. 1	1 year	50
Conover, Enoch.	Oceanville.	Garvey.	70	Oct. 1	1 year	50
Conover, Ezekiel.	Oceanville.	Garvey.	1	Oct. 1	1 year	50
Conover, Harry B.	Absecon.	Garvey.	133	Oct. 1	1 year	50
Conover, Henry.	Absecon.	Garvey.	116	Oct. 1	1 year	50
Conover, Henry.	Absecon.	Garvey.	118	Oct. 1	1 year	50
Conover, James.	Absecon.	Garvey.	117	Oct. 1	1 year	50
Conover, Leon.	Absecon.	Garvey.	114	Oct. 1	1 year	50
Conover, Micajah.	Absecon.	Garvey.	113	Oct. 1	1 year	50
Conover, Roland.	Oceanville.	Garvey.	9	Oct. 1	1 year	50
Conover, Benj.	Absecon.	Garvey.	119	Oct. 1	1 year	50
Conover, J. W.	Oceanville.	Garvey.	135	Oct. 1	1 year	50
Cordery, Daniel C.	Leeds Point.	Garvey.	5	Oct. 1	1 year	50
Cordery, James.	Oceanville.	Garvey.	2	Oct. 1	1 year	50
Cordery, Timothy.	Oceanville.	Garvey.	8	Oct. 1	1 year	50
Corson, Ellsworth.	Scullville.	Garvey.	108	Oct. 1	1 year	50
Dennis, B. F.	Scullville.	Garvey.	93	Oct. 1	1 year	50
Dennis, C. B.	Scullville.	Garvey.	94	Oct. 1	1 year	50

## ATLANTIC COUNTY BOAT LICENSES.—Continued.

NAME.	ADDRESS.	Kind of Boat.	No.	Date.	Tonn.	Amount.
Dennis, H. B.	Scullville.	Garvey.	92	Oct. 1	1 year	\$2 50
Doughty, Daniel.	Atlantic City.	Garvey.	4	Oct. 1	1 year	2 50
Doughty, David.	Oceanville.	Garvey.	69	Oct. 1	1 year	2 50
Doughty, Edward C.	Oceanville.	Garvey.	7	Oct. 1	1 year	2 50
Doughty, Jonathan.	Scullville.	Garvey.	232	Oct. 1	1 year	2 50
Downs, Edward.	Wading River.	Garvey.	160	Oct. 1	1 year	2 50
Driscoll, Reuben.	Tuckerton.	Garvey.	181	Oct. 1	1 year	2 50
Duley, Nicholas.	Absecon.	Garvey.	203	Oct. 1	1 year	2 50
Elberson, Edward.	Absecon.	Garvey.	115	Oct. 1	1 year	2 50
Endicott, Joseph.	Port Republic.	Garvey.	145	Oct. 1	1 year	2 50
Endicott, Winfield.	Port Republic.	Garvey.	149	Oct. 1	1 year	2 50
Fielder, G. H.	Port Republic.	Garvey.	38	Oct. 1	1 year	2 50
Fields, George.	Port Republic.	Garvey.	190	Oct. 1	1 year	2 50
Fish, William.	Pleasantville.	Garvey.	240	Oct. 1	1 year	2 50
Gale, Hilyard.	New Gretna.	Garvey.	126	Oct. 1	1 year	2 50
Gale, James.	New Gretna.	Garvey.	127	Oct. 1	1 year	2 50
Garrison, Dennis.	Scullville.	Garvey.	96	Oct. 1	1 year	2 50
Gaskill, John.	New Gretna.	Garvey.	120	Oct. 1	1 year	2 50
Giberson, Albert.	Leeds Point.	Garvey.	19	Oct. 1	1 year	2 50
Giberson, Chester.	Higbeeville.	Garvey.	17	Oct. 1	1 year	2 50
Giberson, D. C.	Absecon.	Garvey.	144	Oct. 1	1 year	2 50
Giberson, Enoch.	Absecon.	Garvey.	142	Oct. 1	1 year	2 50
Giberson, Harvey.	Leeds Point.	Garvey.	18	Oct. 1	1 year	2 50
Giberson, S.	Absecon.	Garvey.	143	Oct. 1	1 year	2 50
Hammell, Wm. A.	Absecon.	Garvey.	132	Oct. 1	1 year	2 50
Headley, Leon.	Leeds Point.	Garvey.	33	Oct. 1	1 year	2 50
Hewitt, George.	Port Republic.	Garvey.	39	Oct. 1	1 year	2 50
Hewitt, John.	Port Republic.	Garvey.	168	Oct. 1	1 year	2 50
Hewitt, J. A.	Port Republic.	Garvey.	169	Oct. 1	1 year	2 50
Hewitt, J. L.	Port Republic.	Garvey.	141	Oct. 1	1 year	2 50
Hewitt, Nelson.	Port Republic.	Garvey.	52	Oct. 1	1 year	2 50
Hickman, Augustus.	Port Republic.	Garvey.	41	Oct. 1	1 year	2 50
Hickman, Benj.	Scullville.	Garvey.	97	Oct. 1	1 year	2 50
Hickman, Charles.	Scullville.	Garvey.	221	Oct. 1	1 year	2 50
Hickman, Clark.	Port Republic.	Garvey.	44	Oct. 1	1 year	2 50
Hickman, Mark.	Port Republic.	Garvey.	45	Oct. 1	1 year	2 50
Hickman, T. C.	Port Republic.	Garvey.	58	Oct. 1	1 year	2 50
Hickman, William.	Port Republic.	Garvey.	42	Oct. 1	1 year	2 50
Higbee, Absalon.	Leeds Point.	Garvey.	172	Oct. 1	1 year	2 50
Higbee, Fred.	Leeds Point.	Garvey.	165	Oct. 1	1 year	2 50
Higbee, H. E.	Leeds Point.	Garvey.	20	Oct. 1	1 year	2 50
Higbee, James.	Leeds Point.	Garvey.	171	Oct. 1	1 year	2 50
Higbee, John.	Leeds Point.	Garvey.	170	Oct. 1	1 year	2 50
Higbee, Somers.	Leeds Point.	Garvey.	187	Oct. 1	1 year	2 50
Higbee, Thomas D.	Leeds Point.	Garvey.	35	Oct. 1	1 year	2 50
Honer, Harry.	Port Republic.	Garvey.	71	Oct. 1	1 year	2 50
Huntley, Charles.	Port Republic.	Garvey.	67	Oct. 1	1 year	2 50
Ingersoll, John B.	Scullville.	Garvey.	72	Oct. 1	1 year	2 50
Ingersoll, Norris A.	Pleasantville.	Garvey.	124	Oct. 1	1 year	2 50
Jeffers, Benj.	Scullville.	Garvey.	214	Oct. 1	1 year	2 50
Jeffers, Fred.	Steelmanville.	Garvey.	231	Oct. 1	1 year	2 50
Johnson, C. A.	Port Republic.	Garvey.	140	Oct. 1	1 year	2 50
Johnson, E. Clinton.	Port Republic.	Garvey.	49	Oct. 1	1 year	2 50
Johnson, Edward.	Port Republic.	Garvey.	48	Oct. 1	1 year	2 50
Johnson, Monroe.	Port Republic.	Garvey.	186	Oct. 1	1 year	2 50
Johnson, Wol.	Port Republic.	Garvey.	50	Oct. 1	1 year	2 50
Lashley, Curtis.	Scullville.	Garvey.	104	Oct. 1	1 year	2 50
Lashley, David.	Scullville.	Garvey.	211	Oct. 1	1 year	2 50
Lashley, Peter B.	Scullville.	Garvey.	77	Oct. 1	1 year	2 50
Lashley, Somers.	Scullville.	Garvey.	103	Oct. 1	1 year	2 50
Lee, Chris. J.	Scullville.	Garvey.	73	Oct. 1	1 year	2 50
Lee, Frank.	Scullville.	Garvey.	84	Oct. 1	1 year	2 50
Lee, Henry B.	Scullville.	Garvey.	95	Oct. 1	1 year	2 50
Leeds, Albert C.	Leeds Point.	Garvey.	14	Oct. 1	1 year	2 50
Leeds, Caleb.	Leeds Point.	Garvey.	13	Oct. 1	1 year	2 50
Leeds, Charles.	Leeds Point.	Garvey.	30	Oct. 1	1 year	2 50
Leeds, Curtis.	Leeds Point.	Garvey.	25	Oct. 1	1 year	2 50

## ATLANTIC COUNTY BOAT LICENSES.—Continued.

NAME.	ADDRESS.	Kind of Boat.	No.	Date.	Term.	Amount.
Leeds, Daniel, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	230	Oct. 1	1 year	\$2 50
Leeds, Horace, . . . . .	Pleasantville, . . . . .	Garvey, . . . . .	197	Oct. 1	1 year	2 50
Leeds, Ira, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	173	Oct. 1	1 year	2 50
Leeds, Jesse, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	31	Oct. 1	1 year	2 50
Leeds, Lardner, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	32	Oct. 1	1 year	2 50
Leeds, Risley, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	27	Oct. 1	1 year	2 50
Leeds, Wm. H., . . . . .	Oceanville, . . . . .	Garvey, . . . . .	3	Oct. 1	1 year	2 50
Leeds, Wm. K., . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	146	Oct. 1	1 year	2 50
Loveland, Joseph, . . . . .	Port Republic, . . . . .	Garvey, . . . . .	53	Oct. 1	1 year	2 50
Loveland, L. S., . . . . .	Port Republic, . . . . .	Garvey, . . . . .	125	Oct. 1	1 year	2 50
Loveland, Mark, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	26	Oct. 1	1 year	2 50
Loveland, W. E., . . . . .	New Gretna, . . . . .	Garvey, . . . . .	150	Oct. 1	1 year	2 50
Mathews, David, . . . . .	Wading River, . . . . .	Garvey, . . . . .	195	Oct. 1	1 year	2 50
Mathews, George, . . . . .	Oceanville, . . . . .	Garvey, . . . . .	178	Oct. 1	1 year	2 50
Mathews, Golden, . . . . .	Oceanville, . . . . .	Garvey, . . . . .	177	Oct. 1	1 year	2 50
Mathews, Herbert, . . . . .	Wading River, . . . . .	Garvey, . . . . .	194	Oct. 1	1 year	2 50
Mathis, Arnold, . . . . .	New Gretna, . . . . .	Garvey, . . . . .	112	Oct. 1	1 year	2 50
Mathis, Caleb B., . . . . .	Pleasantville, . . . . .	Garvey, . . . . .	236	Oct. 1	1 year	2 50
Maxwell, Benj., . . . . .	Wading River, . . . . .	Garvey, . . . . .	196	Oct. 1	1 year	2 50
Maxwell, Charles A., . . . . .	Wading River, . . . . .	Garvey, . . . . .	235	Oct. 1	1 year	2 50
Maxwell, Grover, . . . . .	Wading River, . . . . .	Garvey, . . . . .	155	Oct. 1	1 year	2 50
Maxwell, L., . . . . .	Wading River, . . . . .	Garvey, . . . . .	193	Oct. 1	1 year	2 50
Maxwell, Robert, . . . . .	Wading River, . . . . .	Garvey, . . . . .	199	Oct. 1	1 year	2 50
Mitchell, Levi, . . . . .	Pleasantville, . . . . .	Garvey, . . . . .	205	Oct. 1	1 year	2 50
Naylor, Wesley, . . . . .	Pleasantville, . . . . .	Garvey, . . . . .	218	Oct. 1	1 year	2 50
Nelson, Isaac, . . . . .	Pleasantville, . . . . .	Garvey, . . . . .	227	Oct. 1	1 year	2 50
Patchell, John W., . . . . .	Scullville, . . . . .	Garvey, . . . . .	80	Oct. 1	1 year	2 50
Perkins, Wm., . . . . .	Pleasantville, . . . . .	Garvey, . . . . .	241	Oct. 1	1 year	2 50
Powers, Elwood, . . . . .	Linwood, . . . . .	Garvey, . . . . .	226	Oct. 1	1 year	2 50
Powers, Jeremiah, . . . . .	Linwood, . . . . .	Garvey, . . . . .	227	Oct. 1	1 year	2 50
Price, Job C., . . . . .	Brigantine, . . . . .	Garvey, . . . . .	204	Oct. 1	1 year	2 50
Risley, Al., . . . . .	Pleasantville, . . . . .	Garvey, . . . . .	201	Oct. 1	1 year	2 50
Risley, Frank, . . . . .	Pleasantville, . . . . .	Garvey, . . . . .	188	Oct. 1	1 year	2 50
Risley, Herman, . . . . .	Pleasantville, . . . . .	Garvey, . . . . .	189	Oct. 1	1 year	2 50
Rose, Daniel, . . . . .	Port Republic, . . . . .	Garvey, . . . . .	61	Oct. 1	1 year	2 50
Rose, John D., . . . . .	Port Republic, . . . . .	Garvey, . . . . .	59	Oct. 1	1 year	2 50
Rose, Norman, . . . . .	Port Republic, . . . . .	Garvey, . . . . .	60	Oct. 1	1 year	2 50
Sampson, H. L., . . . . .	Steelmanville, . . . . .	Garvey, . . . . .	222	Oct. 1	1 year	2 50
Scull, Andrew, . . . . .	Scullville, . . . . .	Garvey, . . . . .	210	Oct. 1	1 year	2 50
Scull, Elijah C., . . . . .	Scullville, . . . . .	Garvey, . . . . .	212	Oct. 1	1 year	2 50
Scull, Gideon, . . . . .	Scullville, . . . . .	Garvey, . . . . .	207	Oct. 1	1 year	2 50
Scull, John B., . . . . .	Linwood, . . . . .	Garvey, . . . . .	228	Oct. 1	1 year	2 50
Scull, Samuel, . . . . .	Scullville, . . . . .	Garvey, . . . . .	216	Oct. 1	1 year	2 50
Scull, Thomas, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	36	Oct. 1	1 year	2 50
Showell, Daniel, . . . . .	Absecon, . . . . .	Garvey, . . . . .	121	Oct. 1	1 year	2 50
Showell, Leland G., . . . . .	Absecon, . . . . .	Garvey, . . . . .	123	Oct. 1	1 year	2 50
Smallwood, Isaac, . . . . .	Port Republic, . . . . .	Garvey, . . . . .	54	Oct. 1	1 year	2 50
Smith, Aaron R., . . . . .	Scullville, . . . . .	Garvey, . . . . .	101	Oct. 1	1 year	2 50
Smith, A. G., . . . . .	Scullville, . . . . .	Garvey, . . . . .	68	Oct. 1	1 year	2 50
Smith, Alexander, . . . . .	Scullville, . . . . .	Garvey, . . . . .	79	Oct. 1	1 year	2 50
Smith, Darius, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	136	Oct. 1	1 year	2 50
Smith, David, . . . . .	Scullville, . . . . .	Garvey, . . . . .	100	Oct. 1	1 year	2 50
Smith, Edwin, . . . . .	Oceanville, . . . . .	Garvey, . . . . .	131	Oct. 1	1 year	2 50
Smith, Japhet, . . . . .	Scullville, . . . . .	Garvey, . . . . .	98	Oct. 1	1 year	2 50
Smith, John H., . . . . .	Scullville, . . . . .	Garvey, . . . . .	99	Oct. 1	1 year	2 50
Smith, Joseph P., . . . . .	Scullville, . . . . .	Garvey, . . . . .	82	Oct. 1	1 year	2 50
Smith, Joseph S., . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	122	Oct. 1	1 year	2 50
Smith, Joseph T., . . . . .	Scullville, . . . . .	Garvey, . . . . .	217	Oct. 1	1 year	2 50
Smith, Kenneth, . . . . .	Longport, . . . . .	Garvey, . . . . .	157	Oct. 1	1 year	2 50
Smith, Theodore, . . . . .	Scullville, . . . . .	Garvey, . . . . .	102	Oct. 1	1 year	2 50
Somers, B. L., . . . . .	Oceanville, . . . . .	Garvey, . . . . .	154	Oct. 1	1 year	2 50
Somers, Boyce, . . . . .	Scullville, . . . . .	Garvey, . . . . .	106	Oct. 1	1 year	2 50
Somers, Boyce J., . . . . .	Scullville, . . . . .	Garvey, . . . . .	85	Oct. 1	1 year	2 50
Somers, Charles B., . . . . .	Scullville, . . . . .	Garvey, . . . . .	74	Oct. 1	1 year	2 50
Somers, F. E., . . . . .	Atlantic City, . . . . .	Garvey, . . . . .	109	Oct. 1	1 year	2 50
Somers, James A., . . . . .	Oceanville, . . . . .	Garvey, . . . . .	155	Oct. 1	1 year	2 50
Somers, Jackson, . . . . .	Steelmanville, . . . . .	Garvey, . . . . .	224	Oct. 1	1 year	2 50

## ATLANTIC COUNTY BOAT LICENSES.—Continued.

NAME.	ADDRESS.	Kind of Boat.	No.	Date.	Term.	Amount.
Somers, Mark, . . . . .	Oceanville, . . . . .	Garvey, . . . . .	184	Oct. 1	1 year	\$2 50
Somers, Sylvester, . . . . .	Scullville, . . . . .	Garvey, . . . . .	220	Oct. 1	1 year	2 50
Somers, William, . . . . .	Scullville, . . . . .	Garvey, . . . . .	223	Oct. 1	1 year	2 50
Sooy, E. M., . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	22	Oct. 1	1 year	2 50
Sooy, E. Vernon, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	12	Oct. 1	1 year	2 50
Sooy, James, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	29	Oct. 1	1 year	2 50
Sooy, John, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	23	Oct. 1	1 year	2 50
Sooy, John B., . . . . .	Port Republic, . . . . .	Garvey, . . . . .	40	Oct. 1	1 year	2 50
Sooy, John C., . . . . .	Lower Bank, . . . . .	Garvey, . . . . .	183	Oct. 1	1 year	2 50
Sooy, Lucius E., . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	11	Oct. 1	1 year	2 50
Steelman, Andrew J., . . . . .	Scullville, . . . . .	Garvey, . . . . .	187	Oct. 1	1 year	2 50
Steelman, B. R., . . . . .	Petersburg, Cy. Co., . . . . .	Garvey, . . . . .	206	Oct. 1	1 year	2 50
Steelman, D. J., . . . . .	Steelmanville, . . . . .	Garvey, . . . . .	229	Oct. 1	1 year	2 50
Steelman, Elmer, . . . . .	Scullville, . . . . .	Garvey, . . . . .	86	Oct. 1	1 year	2 50
Steelman, Enos, . . . . .	Scullville, . . . . .	Garvey, . . . . .	213	Oct. 1	1 year	2 50
Steelman, Henry T., . . . . .	English Creek, . . . . .	Garvey, . . . . .	162	Oct. 1	1 year	2 50
Steelman, Lewis E., . . . . .	Scullville, . . . . .	Garvey, . . . . .	90	Oct. 1	1 year	2 50
Steelman, Job, . . . . .	Scullville, . . . . .	Garvey, . . . . .	91	Oct. 1	1 year	2 50
Steelman, Israel, . . . . .	Scullville, . . . . .	Garvey, . . . . .	87	Oct. 1	1 year	2 50
Steelman, Samuel, . . . . .	Scullville, . . . . .	Garvey, . . . . .	175	Oct. 1	1 year	2 50
Strickland, Alton, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	28	Oct. 1	1 year	2 50
Strickland, Casper, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	10	Oct. 1	1 year	2 50
Strickland, Daniel, . . . . .	Oceanville, . . . . .	Garvey, . . . . .	174	Oct. 1	1 year	2 50
Strickland, David, . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	161	Oct. 1	1 year	2 50
Strickland, E. C., . . . . .	Leeds Point, . . . . .	Garvey, . . . . .	76	Oct. 1	1 year	2 50
Thomas, Jesse, Jr., . . . . .	Scullville, . . . . .	Garvey, . . . . .	78	Oct. 1	1 year	2 50
Thomas, Jesse, Sr., . . . . .	Scullville, . . . . .	Garvey, . . . . .	111	Oct. 1	1 year	2 50
Truax, Henry, . . . . .	Scullville, . . . . .	Garvey, . . . . .	110	Oct. 1	1 year	2 50
Truax, Levi, . . . . .	Scullville, . . . . .	Garvey, . . . . .	159	Oct. 1	1 year	2 50
Urdike, Henry, . . . . .	Wading River, . . . . .	Garvey, . . . . .	158	Oct. 1	1 year	2 50
Urdike, John, . . . . .	Wading River, . . . . .	Garvey, . . . . .	156	Oct. 1	1 year	2 50
Webb, George, . . . . .	So. Atlantic City, . . . . .	Garvey, . . . . .	130	Oct. 1	1 year	2 50
Webber, E. A., . . . . .	Port Republic, . . . . .	Garvey, . . . . .	137	Oct. 1	1 year	2 50
Webber, Harry R., . . . . .	Port Republic, . . . . .	Garvey, . . . . .	105	Oct. 1	1 year	2 50
Willitts, John B., . . . . .	Brigantine, . . . . .	Garvey, . . . . .	148	Oct. 1	1 year	2 50
Wilson, Amasa, . . . . .	Port Republic, . . . . .	Garvey, . . . . .	153	Oct. 1	1 year	2 50
Wilson, Arlington R., . . . . .	Port Republic, . . . . .	Garvey, . . . . .	37	Oct. 1	1 year	2 50
Wilson, Benj., . . . . .	Port Republic, . . . . .	Garvey, . . . . .	43	Oct. 1	1 year	2 50
Wilson, George D., . . . . .	Port Republic, . . . . .	Garvey, . . . . .	47	Oct. 1	1 year	2 50
Wilson, Grover, . . . . .	Port Republic, . . . . .	Garvey, . . . . .	47	Oct. 1	1 year	2 50
Wilson, J. H., . . . . .	Port Republic, . . . . .	Garvey, . . . . .	152	Oct. 1	1 year	2 50
Wilson, Joseph, . . . . .	Port Republic, . . . . .	Garvey, . . . . .	46	Oct. 1	1 year	2 50

Ocean County—Oyster Bed Leases.

NAME.	ADDRESS.	No.	Acreage.	Amount.	Date.	Term.
Abbott, John	Port Republic	84				
Abbott, William	Manahawkin	707-750	11	\$5 50	Dec. 31, '07	1 yr.
Adams, Elmer	Port Republic	43	20	10 00	Aug. 1, '08	1 yr.
Adams, Ernest G.	New Gretna	68	11	5 50	Dec. 31, '07	1 yr.
Adams, E. G. & E. K. Allen	New Gretna	67	2	1 00	Dec. 31, '07	1 yr.
Adams, John	New Gretna	53	3	1 50	Dec. 31, '07	1 yr.
Allen, Caleb F.	New Gretna	105-106	16	8 00	Aug. 1, '08	1 yr.
Allen, Caleb F. & Grey, John	New Gretna	72	2	1 00	Dec. 31, '07	1 yr.
Allen, Charles H.	New Gretna	11-12	2	2 50	Dec. 31, '07	1 yr.
Allen, Charles H.	New Gretna	116 1/2	2	1 00	Aug. 1, '08	1 yr.
Allen, Charles Arnold	New Gretna	74-114-116	11	5 50	Dec. 31, '07	1 yr.
Allen, Chester	New Gretna	115-134	6	3 00	Dec. 31, '07	1 yr.
Allen, James H.	New Gretna	144	2	1 00	Aug. 1, '08	1 yr.
Allen, John	New Gretna	135	2	1 00	Dec. 31, '07	1 yr.
Allen, Jos. B., Sr.	Tuckerton	33-34-69	4	4 00	Dec. 31, '07	1 yr.
Allen, Jos. B., Sr.	Tuckerton	8 1/2 & 79 1/2	3	3 00	Aug. 1, '08	1 yr.
Allen, Joseph B., Jr.	Tuckerton	8-79	12	6 00	Dec. 31, '07	1 yr.
Allen, Lawrence	Tuckerton	30	13	6 50	Aug. 1, '08	1 yr.
Allen, Samuel B.	New Gretna	97-181	3	1 50	Aug. 1, '08	1 yr.
Allen, Thomas A., No. 1	Tuckerton	148	4	2 00	Dec. 31, '07	1 yr.
Allen, Thomas A.	Tuckerton	81-90	6	3 00	Dec. 31, '07	1 yr.
Allen, T. Jefferson	New Gretna	27-37	5	2 50	Dec. 31, '07	1 yr.
Allen, Uriah	New Gretna	13-14	4	2 00	Dec. 31, '07	1 yr.
Allen, W. & C.	New Gretna	39-143	4	2 00	Aug. 1, '08	1 yr.
Allen, Walter S.	Tuckerton	171	2	1 00	Dec. 31, '07	1 yr.
Allen, W. S. & S. B.	New Gretna	76	2	1 00	Aug. 1, '08	1 yr.
Allen, Walter & Samuel B.	New Gretna	80 1/2 & 25 1/2	4	2 00	Aug. 1, '08	1 yr.
Allen, Washington	New Gretna	75-94-137	9	4 50	Dec. 31, '07	1 yr.
Anderson, Samuel, S.	Tuckerton	170	3	1 50	Aug. 1, '08	1 yr.
Anderson, S. & S. Jones	Tuckerton	322*-397	13	6 50	Aug. 1, '08	1 yr.
Austin, F. L.	Tuckerton	338	5	2 50	Aug. 1, '08	1 yr.
Bailey, Samuel	Toms River	483-484	4	2 00	Aug. 1, '08	1 yr.
Bartlett, A. R.	Tuckerton	16	6	3 00	Dec. 31, '07	1 yr.
Bartlett, Chas. P.	West Creek	491	4	2 00	Dec. 31, '07	1 yr.
Bates, Henry	Port Republic	76-94-298	9	4 50	Dec. 31, '07	1 yr.
Bennett, Josiah	Tuckerton	103	15	7 50	Dec. 31, '07	1 yr.
Berry, E. M.	Tuckerton	426	2	1 00	Dec. 31, '07	1 yr.
Bird, James	Tuckerton	405-406	5	2 50	Aug. 1, '08	1 yr.
Birdsall, Jesse	Brinegat	105	3	1 50	Dec. 31, '07	1 yr.
Bogan, Annie E.	New Gretna	20	2	1 00	Aug. 1, '08	1 yr.
Bogan, R. S.	New Gretna	120	10	5 00	Dec. 31, '07	1 yr.
Bowen, Clark	Leeds Point	22-122-113	27	13 50	Dec. 31, '07	1 yr.
Bowen, Porter E.	Tuckerton	164	5	2 50	Aug. 1, '08	1 yr.
Bowker, William	Barnegat	419	5	1 50	Aug. 1, '08	1 yr.
Brand, George W.	Tuckerton	2-12	2	2 50	Aug. 1, '08	1 yr.
Brinley, Alexander	Lanoka	178	2	1 00	Aug. 1, '08	1 yr.
Brown, Ezra P.	West Creek	27	8	4 00	Aug. 1, '08	1 yr.
Brown, James D.	Tuckerton	80-153-165-197	20	10 00	Dec. 31, '07	1 yr.
Brown, Markley	Parkertown	308	6	3 00	Aug. 1, '08	1 yr.
Brown, Walter P.	Tuckerton	843	5	2 50	Nov. 1, '07	1 yr.
Brown, William I.	Tuckerton	334 1/2	4	2 00	Aug. 1, '08	1 yr.
Bunnell, S. N.	Toms River	420	3	1 50	Dec. 31, '07	1 yr.
Burton Bros.	Tuckerton	36	3	3 50	Dec. 31, '07	1 yr.
Cavlier, Fillmore	Port Republic	454*-481	17	8 50	Aug. 1, '08	1 yr.
Cavlier, Gilbert	Port Republic	42	2	1 00	Dec. 31, '07	1 yr.
Chadwick, Raymond	Barnegat	121	2	1 50	Dec. 31, '07	1 yr.
Chandler, Alex.	Barnegat	*	2	1 00	Aug. 1, '08	1 yr.
Chew, Benjamin	New Gretna	7	2	1 00	Aug. 1, '08	1 yr.
Chew, William	New Gretna	3-4-5-117	3	4 00	Dec. 31, '07	1 yr.
Clayton, M. V.	Barnegat	3-4-5-117	3	1 50	Aug. 1, '08	1 yr.
Cobb, Alonzo & Sons	Staffordsville	19	2	1 00	Aug. 1, '08	1 yr.
Cobb, Jonathan	Cedar Run	160	3	1 50	Dec. 31, '07	1 yr.
Conklin, Amariah	Cedar Run	43-4	6	3 00	Dec. 31, '07	1 yr.
Conklin, Lewis A.	Cedar Run	34 1/2	3	1 50	Dec. 31, '07	1 yr.
Conklin, Nehemiah	Cedar Run	46-23	6	3 00	Dec. 31, '07	1 yr.
Conklin, Robert	Cedar Run	20	6	3 00	Dec. 31, '07	1 yr.
Conklin, Samuel B.	Cedar Run	34 1/2 & 17 1/2	2	1 00	Dec. 31, '07	1 yr.
Conklin, S. G.	Cedar Run	44-22-22 1/2	7	3 50	Dec. 31, '07	1 yr.
Conover, Chas. H.	Tuckerton	41	5	2 50	Dec. 31, '07	1 yr.
Cowperthwaite, Henry	Beach Haven	456-315	11	5 50	Dec. 31, '07	1 yr.
Cowperthwaite, Henry	Beach Haven	189-190-246	8	4 00	Dec. 31, '07	1 yr.
	Beach Haven	287	13	6 50	Aug. 1, '08	1 yr.

OCEAN COUNTY—OYSTER BED LICENSES.—Continued.

NAME.	ADDRESS.	No.	Acreage.	Amount.	Date.	Term.
Cox Bros. & Leigh	West Creek	546	15	\$7 50	Aug. 1, '08	1 yr.
Cox, Charles	Barnegat	53	2	1 00	Aug. 1, '08	1 yr.
Cox, C. H. & N. B.	West Creek	105-129	2	2 00	Dec. 31, '07	1 yr.
Cox, George M.	West Creek	282-181-99	2	2 00	Dec. 31, '07	1 yr.
Cox, Harry & Wm.	Tuckerton	473-470-427*	15	7 50	Aug. 1, '08	1 yr.
Cox, James	Barnegat	30	3	1 50	Aug. 1, '08	1 yr.
Cox, Jonathan	West Creek	*	3	4 00	Dec. 31, '07	1 yr.
Cox, John & Jonathan	West Creek	142	4	2 00	Dec. 31, '07	1 yr.
Cox, William E.	West Creek	79-812-128				
		166-176-178	24	12 00	Dec. 31, '07	1 yr.
Cranmer, A. E.	Barnegat	7-43	5	2 50	Aug. 1, '08	1 yr.
Cranmer, Augustus	Cedar Run	27	4	2 00	Dec. 31, '07	1 yr.
Cranmer, Albert S.	West Creek	102	2	1 00	Dec. 31, '07	1 yr.
Cranmer, Amariah	Cedar Run	25	3	1 50	Dec. 31, '07	1 yr.
Cranmer, Amariah & Levi	Cedar Run	2	1	1 00	Dec. 31, '07	1 yr.
Cranmer, Arnold	New Gretna	25-71	5	2 50	Dec. 31, '07	1 yr.
Cranmer, Arnold	New Gretna	474-174-802				
		25 1/2-336 1/2	32	16 00	Aug. 1, '08	1 yr.
Cranmer, J. Ashbrook	Cedar Run	31-33	10	5 00	Dec. 31, '07	1 yr.
Cranmer, Benjamin R.	Cedar Run	26	3	1 50	Dec. 31, '07	1 yr.
Cranmer, Benjamin R.	Cedar Run	18 1/2-10	6	3 00	Dec. 31, '07	1 yr.
Cranmer, Caleb, Jr.	New Gretna	60	5	2 50	Dec. 31, '07	1 yr.
Cranmer, Caleb S. & Sons	New Gretna	80-94-172	10	5 00	Dec. 31, '07	1 yr.
Cranmer, Charles C.	New Gretna	129	5	2 50	Aug. 1, '08	1 yr.
Cranmer, C. S.	New Gretna	128	4	2 00	Aug. 1, '08	1 yr.
Cranmer, Daniel D.	New Gretna	138				
Cranmer, Elmer	New Gretna	133	13	6 50	Dec. 31, '07	1 yr.
Cranmer, E. F.	Manahawkin	701-720-735	6	3 00	Aug. 1, '08	1 yr.
Cranmer, T. Frank	West Creek	83	2	1 00	Aug. 1, '08	1 yr.
Cranmer, G. Augustus	Manahawkin	47	10	5 00	Aug. 1, '08	1 yr.
Cranmer, Harry E.	Cedar Run	16-32	4	2 00	Aug. 1, '08	1 yr.
Cranmer, Harry C.	Cedar Run	461 1/2*	4	2 00	Dec. 31, '07	1 yr.
Cranmer, Howard	New Gretna	139	2	1 00	Dec. 31, '07	1 yr.
Cranmer, Howard	Mayetta	14	4	2 00	Aug. 1, '08	1 yr.
Cranmer, James A.	Mayetta	8	2	1 00	Dec. 31, '07	1 yr.
Cranmer, James H.	Staffordsville	208-221	13	6 50	Dec. 31, '07	1 yr.
Cranmer, Jos. Budd	Manahawkin	721*	6	3 00	Aug. 1, '08	1 yr.
Cranmer, Jos. Thomas	Manahawkin	757-718*	13	6 50	Aug. 1, '08	1 yr.
		727-733-709				
		703-705	13	6 50	Aug. 1, '08	1 yr.
Cranmer, Jos. W.	West Creek	813	4	2 00	Aug. 1, '08	1 yr.
Cranmer, Lemuel	New Gretna	48	6	3 00	Aug. 1, '08	1 yr.
Cranmer, Levi	Cedar Run	33	3	1 50	Aug. 1, '08	1 yr.
Cranmer, Matthias	Mayetta	9-12	12	6 00	Dec. 31, '07	1 yr.
Cranmer, Lewis A.	Cedar Run	29	6	3 00	Dec. 31, '07	1 yr.
Cranmer, Noah	Manahawkin	717-746	5	2 50	Aug. 1, '08	1 yr.
Cranmer, O. T. & N. B. Cox	West Creek	42-17-501-186	11	5 50	Dec. 31, '07	1 yr.
Cranmer, Oscar	New Gretna	13	4	2 00	Dec. 31, '07	1 yr.
Cranmer, Oscar C.	West Creek	151-170-139	8	4 00	Dec. 31, '07	1 yr.
Cranmer, P. H.	Staffordsville	1	3	1 50	Aug. 1, '08	1 yr.
Cranmer, Samuel B.	Manahawkin	45-37	8	4 00	Dec. 31, '07	1 yr.
Cranmer, Samuel R.	West Creek	60	2	1 00	Dec. 31, '07	1 yr.
Cranmer, Samuel & Jos.	West Creek	199	6	3 00	Dec. 31, '07	1 yr.
Cranmer, Thomas	Cedar Run	24	8	4 00	Dec. 31, '07	1 yr.
Cranmer, Thomas H.	Manahawkin	738-704-700-723-725-740-734-719*	38	19 00	Aug. 1, '08	1 yr.
Cranmer, Walter H.	Cedar Run	11-51-10 1/2	8	4 00	Dec. 31, '07	1 yr.
Cummings, Eugene	Parkertown	810-849	5	2 50	Aug. 1, '08	1 yr.
Cunningham, William E.	Manahawkin	38	12	6 00	Dec. 31, '07	1 yr.
Cummings, Jos.	Parkertown	801	6	3 00	Aug. 1, '08	1 yr.
Cummings, Jos. & Sons	New Gretna	800	2	1 00	Aug. 1, '08	1 yr.
Cummings, S. C.	Parkertown	*	3	4 00	Dec. 31, '07	1 yr.
Cummings, W. H.	Parkertown	844	3	1 50	Dec. 31, '07	1 yr.
Darby, J. W.	New Gretna	23-66-28-29	13	6 50	Dec. 31, '07	1 yr.
Davis, Jas. W.	West Creek	835	9	4 50	Aug. 1, '08	1 yr.
Davis, Jas. W.	West Creek	832	20	10 00	Dec. 31, '07	1 yr.
Dunfee, William	Mayetta	853	3	1 50	Aug. 1, '08	1 yr.
Driscoll, Cornelius	Atlantic City	173	2	1 00	Dec. 31, '07	1 yr.
Driscoll, E.	Tuckerton	154	2	1 00	Dec. 31, '07	1 yr.
Driscoll, Harry	Tuckerton	404	2	1 00	Aug. 1, '08	1 yr.
Driscoll, Huston	Tuckerton	446	6	3 00	Aug. 1, '08	1 yr.
Driscoll, Lewis	New Gretna	152	2	1 00	Dec. 31, '07	1 yr.
Driscoll, Reuben	Tuckerton	402-447	4	2 00	Dec. 31, '07	1 yr.

## OCEAN COUNTY—OYSTER BED LICENSES.—Continued.

NAME.	ADDRESS.	No.	Acreage.	Amount.	Date.	Term.
Eayres, Alphonso, .....	Barnegat, .....	2	2	\$1 00	Aug. 1, '08	1 yr.
Estlow, Sadoc, .....	Barnegat, .....	5-6	12	6 00	Aug. 1, '08	1 yr.
Everham, Benjamin, .....	Toms River, .....	35-38	28	14 00	Aug. 1, '08	1 yr.
Falkinburg Bros., .....	Tuckerton, .....	498 1/2	5	2 50	Dec. 31, '07	1 yr.
Falkinburg Bros., .....	Tuckerton, .....	5	2	1 00	Aug. 1, '08	1 yr.
Fennimore, Allen, .....	West Creek, .....	111-138	5	2 50	Aug. 1, '08	1 yr.
Fennimore, Allen, .....	West Creek, .....	200-502-53				
Fennimore, A. & O. Cranmer, .....	West Creek, .....	54	12	6 00	Dec. 31, '07	1 yr.
Fiske, Horace, .....	Tuckerton, .....	120	2	1 00	Aug. 1, '08	1 yr.
Fiske, H. & L., .....	Tuckerton, .....	126	9	4 50	Dec. 31, '07	1 yr.
Fort, Abram, .....	Barnegat, .....	385 1/2	5	2 50	Aug. 1, '08	1 yr.
French, Lewis M., .....	New Gretna, .....	36	2	1 00	Aug. 1, '08	1 yr.
Gale, Harvey B., .....	Tuckerton, .....	127	7	3 50	Dec. 31, '07	1 yr.
Garrison, Benjamin H., .....	Tuckerton, .....	333-345-311	13	8 00	Aug. 1, '08	1 yr.
Garrison, Benjamin H., .....	Tuckerton, .....	153	3	1 50	Dec. 31, '07	1 yr.
Garrison, Benjamin H., .....	Tuckerton, .....	28	8	4 00	Dec. 31, '07	1 yr.
Garrison, Benjamin H., .....	Tuckerton, .....	464	5	2 50	Aug. 1, '08	1 yr.
Garrison, Eugene, .....	Tuckerton, .....	332*	8	4 00	Aug. 1, '08	1 yr.
Gaskill, Carlisle, .....	New Gretna, .....	145	5	2 50	Aug. 1, '08	1 yr.
Gaskill, Jesse, .....	New Gretna, .....	182-131	6	3 00	Aug. 1, '08	1 yr.
Gaskill, T. J., .....	New Gretna, .....	56-64-83	10	5 00	Dec. 31, '07	1 yr.
Gaskill, William F., .....	Tuckerton, .....	346	6	3 00	Aug. 1, '08	1 yr.
Grant, Jesse, .....	Bayville, .....	20	13	6 50	Aug. 1, '08	1 yr.
Grant, John, .....	Bayville, .....	34	7	3 50	Aug. 1, '08	1 yr.
Grant, Nelson, .....	Lanoka, .....	33	2	1 00	Aug. 1, '08	1 yr.
Grant, S. T., .....	Lanoka, .....	50	21	10 50	Aug. 1, '08	1 yr.
Grey, John A., .....	New Gretna, .....	17-130	4	2 00	Dec. 31, '07	1 yr.
Haywood, Frank, .....	Manahawkin, .....	1-2-708	12	6 00	Aug. 1, '08	1 yr.
Haywood, J. P., .....	West Creek, .....	814-292	18	9 00	Aug. 1, '08	1 yr.
Haywood, J. P., .....	West Creek, .....	179-173-414				
Headley, Parker C., .....	Tuckerton, .....	78	2	1 00	Dec. 31, '07	1 yr.
Headley, Parker C., .....	Tuckerton, .....	452	5	2 50	Aug. 1, '08	1 yr.
Heinrichs, Edward, .....	Tuckerton, .....	455	8	4 00	Aug. 1, '08	1 yr.
Helfrich, Jos., .....	Barnegat, .....	24	6	3 00	Aug. 1, '08	1 yr.
Hewitt, Jas., .....	Port Republic, .....	2	2	1 00	Dec. 31, '07	1 yr.
Hewitt, Nelson, .....	Port Republic, .....	44*	4	2 00	Dec. 31, '07	1 yr.
Hewitt, Nelson, .....	Port Republic, .....	184	4	2 00	Aug. 1, '08	1 yr.
Hicks, S. J., .....	Tuckerton, .....	451-330	15	7 50	Aug. 1, '08	1 yr.
Hickman, William, .....	Port Republic, .....	2	4	2 00	Dec. 31, '07	1 yr.
Higbee, Samuel, .....	Port Republic, .....	104	12	6 00	Aug. 1, '08	1 yr.
Higbee, Samuel, .....	Port Republic, .....	45	10	5 00	Dec. 31, '07	1 yr.
Higbee, Somers T., .....	Leeds Point, .....	176	3	1 50	Dec. 31, '07	1 yr.
Hollingsworth, Geo., .....	Barnegat, .....	41-76-10-10	75	37 50	Aug. 1, '08	1 yr.
Holman, Frank, .....	West Creek, .....	46-22-27	4	2 00	Dec. 31, '07	1 yr.
Homan, Atmore, .....	Parkertown, .....	58-154	6	3 00	Aug. 1, '08	1 yr.
Homan, B. Frank, .....	Parkertown, .....	227 1/2	7	3 50	Aug. 1, '08	1 yr.
Homan, F. & J. W. Rutter, .....	West Creek, .....	822*	18	9 00	Aug. 1, '08	1 yr.
Homan, Joseph, .....	Parkertown, .....	821-152*	4	2 00	Aug. 1, '08	1 yr.
Homan, M. W., .....	Parkertown, .....	805	6	3 00	Aug. 1, '08	1 yr.
Horner, Chas. A., .....	Parkertown, .....	851-216 1/2*	7	3 50	Aug. 1, '08	1 yr.
Horner, Chas. A., .....	Parkertown, .....	117	2	1 00	Dec. 31, '07	1 yr.
Horner, Isaac, .....	Parkertown, .....	828	5	2 50	Aug. 1, '08	1 yr.
Horner, Samuel J., .....	Tuckerton, .....	185	3	1 50	Aug. 1, '08	1 yr.
Horner, Samuel J., .....	Tuckerton, .....	99-186	15	7 50	Dec. 31, '07	1 yr.
Horner & Jones, .....	Tuckerton, .....	339-341	15	7 50	Aug. 1, '08	1 yr.
Inman, Est Vincent, .....	Barnegat, .....	5-28	8	4 00	Aug. 1, '08	1 yr.
Inman, Lewis, .....	Manahawkin, .....	743	2	1 00	Aug. 1, '08	1 yr.
Inman, Stephen, Sr., .....	Barnegat, .....	11-88	4	2 00	Aug. 1, '08	1 yr.
Inman, Stephen, Jr., .....	Manahawkin, .....	2	2	1 00	Aug. 1, '08	1 yr.
Ireland, Marlon, .....	Tuckerton, .....	2	4	2 00	Aug. 1, '08	1 yr.
Johnson, Cornelius, .....	West Creek, .....	194*	10	5 00	Aug. 1, '08	1 yr.
Johnson, Edward, .....	West Creek, .....	6	6	3 00	Aug. 1, '08	1 yr.
Johnson, Isaiah, .....	West Creek, .....	193	6	3 00	Aug. 1, '08	1 yr.
Jones, A. H., .....	West Creek, .....	823	15	7 50	Aug. 1, '08	1 yr.
Jones, A. H., .....	West Creek, .....	124-126-831-				
Jones, A. J., .....	West Creek, .....	91	10	5 00	Dec. 31, '07	1 yr.
Jones, John F., .....	West Creek, .....	122-89	4	2 00	Dec. 31, '07	1 yr.
Jones, Jos. H., .....	Tuckerton, .....	845-284-127	13	6 50	Dec. 31, '07	1 yr.
Jones, Samuel A., .....	Tuckerton, .....	343	2	1 00	Aug. 1, '08	1 yr.
Jones, Samuel A., .....	Tuckerton, .....	398	3	1 50	Dec. 31, '07	1 yr.
Jones, Samuel E., .....	Tuckerton, .....	151	5	2 50	Dec. 31, '07	1 yr.

## OCEAN COUNTY—OYSTER BED LICENSES.—Continued.

NAME.	ADDRESS.	No.	Acreage.	Amount.	Date.	Term.
Kelley, Alexis & Sons, .....	West Creek, .....	98-72-133				
Kelley, Alexis & Sons, .....	West Creek, .....	164-172	17	\$8 50	Dec. 31, '07	1 yr.
Kelley, Alexis & Sons, .....	West Creek, .....	830	9	4 50	Aug. 1, '08	1 yr.
Kelley, C. D. & G. Y. Schoch, .....	West Creek, .....	300	21	10 50	Aug. 1, '08	1 yr.
Kelley, C. D. & G. Y. Schoch, .....	West Creek, .....	137-143-163	44	22 00	Dec. 31, '07	1 yr.
Kelley, Cornelius, .....	West Creek, .....	463				
Kelley, Eugene, .....	West Creek, .....	103-206	6	3 00	Dec. 31, '07	1 yr.
Kelley, Hugh F., .....	West Creek, .....	836-846	8	4 00	Aug. 1, '08	1 yr.
Kelley, Eugene, .....	West Creek, .....	132-212-820-87				
Kelley, Hugh F., .....	West Creek, .....	188-500	14	7 00	Dec. 31, '07	1 yr.
Kelley, Jas. E., .....	West Creek, .....	93-86-289	10	5 00	Dec. 31, '07	1 yr.
Kelley, J. Harvey, .....	West Creek, .....	123-136-171	8	4 00	Dec. 31, '07	1 yr.
Kelley, J. Henry, .....	West Creek, .....	825	10	5 00	Aug. 1, '08	1 yr.
Kelley, James W., .....	Tuckerton, .....	70	12	6 00	Aug. 1, '08	1 yr.
Kelley, James W., .....	Tuckerton, .....	498 1/2-436	3	1 50	Aug. 1, '08	1 yr.
Kelley, Job, .....	West Creek, .....	838	3	1 00	Dec. 31, '07	1 yr.
Kelley, Mrs. Lizzie, .....	West Creek, .....	241	2	1 00	Dec. 31, '07	1 yr.
Kelley, Mannas, .....	West Creek, .....	69	3	1 50	Dec. 31, '07	1 yr.
Kelley, Mannas, .....	West Creek, .....	297	7	3 50	Aug. 1, '08	1 yr.
Kelley, Mannas, .....	West Creek, .....	847-140	5	2 50	Aug. 1, '08	1 yr.
Kelley, Myles, .....	West Creek, .....	185	3	1 50	Dec. 31, '07	1 yr.
Kelley, Myles, .....	West Creek, .....	848-826	8	4 00	Aug. 1, '08	1 yr.
Kelley, N. E., .....	West Creek, .....	850	2	1 00	Aug. 1, '08	1 yr.
Kelley, Peggrove, .....	West Creek, .....	210-240	18	9 00	Dec. 31, '07	1 yr.
Kelley, T. C., .....	West Creek, .....	852-833	12	6 00	Aug. 1, '08	1 yr.
Kelley, T. C. & Sons, .....	West Creek, .....	283-92-100-				
Kelley, T. C. & Sons, .....	West Creek, .....	104-237-177				
Kelley, T. C. & Sons, .....	West Creek, .....	174-207-242	34	17 00	Dec. 31, '07	1 yr.
King, John, .....	Barnegat, .....	4	3	1 50	Aug. 1, '08	1 yr.
Lamson, Joel W., .....	Cedar Run, .....	28-5	8	4 00	Dec. 31, '07	1 yr.
Leeds, Risley, .....	Leeds Point, .....	40	2	1 00	Dec. 31, '07	1 yr.
Leigh, Mrs. A. J., .....	West Creek, .....	202	2	1 00	Dec. 31, '07	1 yr.
Leigh, Mrs. A. J., .....	West Creek, .....	129 1/2	2	1 00	Aug. 1, '08	1 yr.
Lemunyon, Baradford, .....	West Creek, .....	64	2	1 00	Dec. 31, '07	1 yr.
Letts, Selma, .....	Manahawkin, .....	732-754-714	7	3 50	Aug. 1, '08	1 yr.
Letts, Thomas H., .....	Manahawkin, .....	747-728	19	9 50	Aug. 1, '08	1 yr.
Letts, Thomas H., .....	Manahawkin, .....	748-749-756-				
Lippincott, Wm., .....	Tuckerton, .....	729-731	25	12 50	Aug. 1, '08	1 yr.
Loveland, Benjamin, .....	New Gretna, .....	480	2	1 00	Aug. 1, '08	1 yr.
Loveland, Jessie A., .....	New Gretna, .....	52	6	2 50	Dec. 31, '07	1 yr.
Loveland, Jessie A., .....	New Gretna, .....	54-141	5	3 00	Aug. 1, '08	1 yr.
Loveland, Jesse I., .....	Port Republic, .....	92	3	1 50	Dec. 31, '07	1 yr.
Loveland, Jos., .....	New Gretna, .....	71	2	1 00	Dec. 31, '07	1 yr.
Loveland, Jos. A., .....	New Gretna, .....	49	5	2 50	Dec. 31, '07	1 yr.
Loveland, Wm. B., .....	New Gretna, .....	51	3	1 50	Dec. 31, '07	1 yr.
Loveland, Wm. B., .....	New Gretna, .....	183	2	1 00	Aug. 1, '08	1 yr.
Loveland, Wm. B., .....	Tuckerton, .....	2	2	1 00	Aug. 1, '08	1 yr.
Marshall, Geo. L., .....	Tuckerton, .....	434	3	1 50	Aug. 1, '08	1 yr.
Marshall, Geo. & Jas., .....	Tuckerton, .....	433	7	3 50	Aug. 1, '08	1 yr.
Marshall, Jas., .....	Tuckerton, .....	307	4	2 00	Aug. 1, '08	1 yr.
Marshall, Solomon, .....	Tuckerton, .....	429*	11	5 50	Aug. 1, '08	1 yr.
Martin, Frank, .....	Manahawkin, .....	737-739	16	8 00	Aug. 1, '08	1 yr.
Martin, Shreve, .....	Manahawkin, .....	756	5	2 50	Aug. 1, '08	1 yr.
Mathis, Alvin E., .....	New Gretna, .....	73-82	4	2 00	Aug. 1, '08	1 yr.
Mathis, Asbury, .....	New Gretna, .....	61	4	2 00	Aug. 1, '08	1 yr.
Mathis, Caleb A., .....	New Gretna, .....	180	5	2 50	Aug. 1, '08	1 yr.
Mathis, Caleb A., .....	New Gretna, .....	185	8	4 00	Dec. 31, '07	1 yr.
Mathis, Daniel E., .....	New Gretna, .....	91	2	1 00	Dec. 31, '07	1 yr.
Mathis, Daniel E., .....	New Gretna, .....	162-448	8	4 00	Aug. 1, '08	1 yr.
Mathis, Daniel E., .....	New Gretna, .....	158	4	2 00	Dec. 31, '07	1 yr.
Mathis, Frank, .....	Leeds Point, .....	10-111-112	24	12 00	Dec. 31, '07	1 yr.
Mathis, Frank, .....	Leeds Point, .....	10 1/2-111 1/2	7	3 50	Aug. 1, '08	1 yr.
Mathis, Frank, .....	Leeds Point, .....	55	7	3 50	Dec. 31, '07	1 yr.
Mathis, H. C. & H., .....	New Gretna, .....	50-16	5	2 50	Dec. 31, '07	1 yr.
Mathis, Jos. A., .....	New Gretna, .....	147	3	1 50	Aug. 1, '08	1 yr.
Mathis, M. C., .....	New Gretna, .....	19	2	1 00	Dec. 31, '07	1 yr.
Mathis, Pitman, .....	New Gretna, .....	95-96	4	2 00	Dec. 31, '07	1 yr.
Mathis, Walter R., .....	Tuckerton, .....	453*	7	3 50	Aug. 1, '08	1 yr.
Mathis, William A., .....	New Gretna, .....	15-70	7	3 50	Dec. 31, '07	1 yr.
Mathis, William H., .....	New Gretna, .....	5	5	2 50	Aug. 1, '08	1 yr.
McCart, Timothy, .....	Lanoka, .....	18	8	4 00	Aug. 1, '08	1 yr.
McDaniels, William R., .....	Tuckerton, .....	486-328 1/2	8	2 1 00	Dec. 31, '07	1 yr.
Miller, Ensign, .....	West Creek, .....	80	6	3 00	Aug. 1, '08	1 yr.
Mills, John, .....	Barnegat, .....	82	6	3 00	Aug. 1, '08	1 yr.
Mott, Joel, .....	Tuckerton, .....	123-109-110*	8	4 00	Dec. 31, '07	1 yr.

## OCEAN COUNTY—OYSTER BED LICENSES.—Continued.\*

NAME.	ADDRESS.	No.	Acreage.	Amount.	Date.	Term.
Parker, Chas.,	Tuckerton, .....	387-493	10	\$5 00	Dec. 31, '07	1 yr.
Parker, Chas. H.,	Tuckerton, .....	466	1	1 00	Aug. 1, '08	1 yr.
Parker, Hansell,	Parkertown, .....	841	2	2 50	Nov. 1, '08	1 yr.
Parker, J. W. & Bros.,	Tuckerton, .....	492-428-318				
		321-325**	42	21 00	Aug. 1, '08	1 yr.
Parker, John W. & Sons,	Parkertown, .....	803	6	3 00	Aug. 1, '08	1 yr.
Parker, Nelson,	Parkertown, .....	834	4	2 00	Aug. 1, '08	1 yr.
Parker, Nelson,	Parkertown, .....	243-227	11	22 50	Dec. 31, '07	1 yr.
Parker, Norwood,	Parkertown, .....	811*	5	5 50	Aug. 1, '08	1 yr.
Parker, Phillip,	Parkertown, .....	263	10	23 00	Aug. 1, '08	1 yr.
Parker, Roy,	Parkertown, .....	827	5	2 50	Aug. 1, '08	1 yr.
Parker, Rudolph,	Parkertown, .....	804	10	23 00	Aug. 1, '08	1 yr.
Parker, Samuel B.,	Tuckerton, .....	395-396	13	31 50	Aug. 1, '08	1 yr.
Patterson, Cortemus,	Manahawkin, .....	712-702½	4	2 00	Aug. 1, '08	1 yr.
Perrine, Samuel,	Barnegat, .....	31-32-40*	6	3 00	Aug. 1, '08	1 yr.
Peterson, W.,	Barnegat, .....	40	2	1 00	Aug. 1, '08	1 yr.
Pharo, Aaron,	West Creek, .....	234-73	5	22 50	Dec. 31, '07	1 yr.
Pharo, Frank,	West Creek, .....	81-255	6	3 00	Dec. 31, '07	1 yr.
Pharo, Watson L.,	West Creek, .....	824	3	1 50	Aug. 1, '08	1 yr.
Pharo, Wm. E.,	West Creek, .....	256-196-819	11	5 50	Dec. 31, '07	1 yr.
Pitt, William,	West Creek, .....	465	2	1 00	Aug. 1, '08	1 yr.
Potter, W. H.,	West Creek, .....	109-168	4	2 00	Dec. 31, '07	1 yr.
		198-217-				
		157-126	20	10 00	Dec. 31, '07	1 yr.
Price, Abram,	Parkertown, .....	815	11	5 50	Dec. 31, '07	1 yr.
Price, Clarence,	Parkertown, .....	809	4	2 00	Aug. 1, '08	1 yr.
Price, Mason,	Parkertown, .....	802	5	2 50	Aug. 1, '08	1 yr.
Price, Merritt,	Parkertown, .....	808	3	1 50	Dec. 31, '07	1 yr.
Pullen, Barzilla,	Tuckerton, .....	417-340-479-				
		418-441-443-				
		478	30	15 00	Aug. 1, '08	1 yr.
Pullen, Charles K.,	Tuckerton, .....	416	1	1 00	Aug. 1, '08	1 yr.
Pullen, Frank,	Tuckerton, .....	160	2	1 50	Dec. 31, '07	1 yr.
Quinn, Edw.,	Tuckerton, .....	168	3	2 00	Dec. 31, '07	1 yr.
Quinn, E. & P.,	Tuckerton, .....	166	3	2 00	Dec. 31, '07	1 yr.
Quinn, Geo.,	Tuckerton, .....	393*	5	2 50	Dec. 31, '07	1 yr.
Quinn, Geo.,	Tuckerton, .....	389-347	8	4 00	Aug. 1, '08	1 yr.
Rider, Anson J. & Sons,	Tuckerton, .....	342-422-424				
		442-412-465**	38	19 00	Aug. 1, '08	1 yr.
Ridgway, Edw.,	Barnegat, .....	45-20	5	2 50	Aug. 1, '08	1 yr.
Ridgway, J. K.,	Barnegat, .....	14-19-11*	17	8 50	Aug. 1, '08	1 yr.
Ridgway, Oscar,	Barnegat, .....	1-3-13	11	5 50	Aug. 1, '08	1 yr.
Ridgway, William,	Barnegat, .....	8	2	1 00	Aug. 1, '08	1 yr.
Riley, Benjamin,	Tuckerton, .....	421	2	1 00	Dec. 31, '07	1 yr.
Robbins, Chas.,	New Gretna, .....	35-36-86-65-87	12	6 00	Dec. 31, '07	1 yr.
Robbins, L. D.,	New Gretna, .....	118-89-93	6	3 00	Dec. 31, '07	1 yr.
Robbins, William,	Barnegat, .....	42	2	1 00	Aug. 1, '08	1 yr.
Rulon, Harper,	West Creek, .....	201-159-75	7	3 50	Dec. 31, '07	1 yr.
Rulon, Harper,	West Creek, .....	291	7	3 50	Aug. 1, '08	1 yr.
Russell, Clarence,	Barnegat, .....	23	2	1 00	Aug. 1, '08	1 yr.
Russell, Holmes,	Barnegat, .....	34-37-54	8	4 00	Aug. 1, '08	1 yr.
Rutler, John W.,	West Creek, .....	841-232	6	3 00	Dec. 31, '07	1 yr.
Rutler & Haywood,	West Creek, .....	68-63-37-244	12	6 00	Dec. 31, '07	1 yr.
Rutter, C. Roy,	West Creek, .....	185	2	1 00	Aug. 1, '08	1 yr.
Rutter, J. W. & J. Kelley,	West Creek, .....	169	3	1 50	Dec. 31, '07	1 yr.
Rutter, R. F.,	West Creek, .....	175-191-203-183	20	10 00	Dec. 31, '07	1 yr.
Rutter, R. F.,	West Creek, .....	817	15	7 50	Aug. 1, '08	1 yr.
Rutter, T. H.,	Barnegat, .....	44	2	1 00	Aug. 1, '08	1 yr.
Salmons, Abram B.,	Staffordville, .....	458½	2	1 00	Aug. 1, '08	1 yr.
Salmons, Geo.,	Staffordville, .....	*	2	1 00	Dec. 31, '07	1 yr.
Salmons, Joel J.,	Staffordville, .....	52	4	2 00	Dec. 31, '07	1 yr.
Salmons, Joel J.,	Staffordville, .....	454	2	1 00	Aug. 1, '08	1 yr.
Salmons, John J.,	Staffordville, .....	457½	2	1 00	Aug. 1, '08	1 yr.
Sapp, H. W.,	Tuckerton, .....	312-337-				
		394-309*	34	17 00	Aug. 1, '08	1 yr.
Sapp, Jos. E.,	Tuckerton, .....	487-475-482-				
		334-324-489	43	21 50	Aug. 1, '08	1 yr.
Sapp, Jos. E.,	Tuckerton, .....	489½	4	2 00	Dec. 31, '07	1 yr.
Sapp, Walter L.,	Tuckerton, .....	314-490	13	6 50	Aug. 1, '08	1 yr.
Sawyer, Jos.,	Tuckerton, .....	323	20	10 00	Aug. 1, '08	1 yr.
Sawyer, Samuel R.,	Tuckerton, .....	356	6	3 00	Aug. 1, '08	1 yr.
Seaman, Clarence,	West Creek, .....	82-145-162-842	9	4 50	Dec. 31, '07	1 yr.
Seaman, George A.,	West Creek, .....	84-144-156-239	24	12 00	Dec. 31, '07	1 yr.

## OCEAN COUNTY—OYSTER BED LICENSES.—Continued.

NAME.	ADDRESS.	No.	Acreage.	Amount.	Date.	Term.
Seaman, Hazleton,	West Creek, .....	106-141-146-155	12	\$6 00	Dec. 31, '07	1 yr.
Seaman, Josephus,	West Creek, .....	247	4	2 00	Aug. 1, '08	1 yr.
Seaman, J. & H.,	West Creek, .....	66	2	2 50	Dec. 31, '07	1 yr.
Seaman, William P.,	West Creek, .....	107-88-65	7	3 50	Dec. 31, '07	1 yr.
Seaman, W. S.,	West Creek, .....	67-96-301-187	10	5 00	Dec. 31, '07	1 yr.
Sears, Norris,	New Gretna, .....	47	9	4 50	Aug. 1, '08	1 yr.
Sears, William N.,	New Gretna, .....	47-146	14	7 00	Aug. 1, '08	1 yr.
Shinn, Alfred,	West Creek, .....	158	2	1 00	Dec. 31, '07	1 yr.
Shinn, Charles S., Jr.,	Moorestown, .....	114-214-224-				
		233-74	24	12 00	Dec. 31, '07	1 yr.
Shinn, Edward L.,	West Creek, .....	215*	8	4 00	Aug. 1, '08	1 yr.
Shinn, Edward L.,	West Creek, .....	840	3	1 50	Dec. 31, '07	1 yr.
Shinn, Frank & Ed.,	West Creek, .....	225	2	1 00	Dec. 31, '07	1 yr.
Shinn, Harry S.,	West Creek, .....	220-209-161-279				
		222-148-236-229	26	13 00	Dec. 31, '07	1 yr.
Shinn, John A.,	West Creek, .....	218-118-228-231	20	10 00	Dec. 31, '07	1 yr.
Shinn, John A.,	West Creek, .....	150	2	1 00	Aug. 1, '08	1 yr.
		245-230-235-839				
Shinn, Samuel & Sons,	West Creek, .....	219	14	7 00	Dec. 31, '07	1 yr.
Shinn, Thomas,	West Creek, .....	125-238	4	2 00	Dec. 31, '07	1 yr.
Sooy, Daniel, Sr.,	New Gretna, .....	24-59	10	5 00	Dec. 31, '07	1 yr.
Soper, Chas. H.,	Barnegat, .....	9-33-56	11	5 50	Aug. 1, '08	1 yr.
Soper, Philip,	Barnegat, .....	713	2	1 00	Aug. 1, '08	1 yr.
Smith, Henry P.,	Tuckerton, .....	445-477	5	2 50	Aug. 1, '08	1 yr.
Smith, Jos. P.,	Tuckerton, .....	344	4	2 00	Aug. 1, '08	1 yr.
Smith, Sam. J. & Sons,	Tuckerton, .....	345	8	4 00	Aug. 1, '08	1 yr.
Speck, Jas. H. & Bros.,	Tuckerton, .....	119-107-175	16	8 00	Aug. 1, '08	1 yr.
Speck, Jas. H. & Bros.,	Tuckerton, .....	20	110	55 00	Dec. 31, '07	1 yr.
Sprague, Albert,	Tuckerton, .....	471-437	8	4 00	Aug. 1, '08	1 yr.
Sprague, Edwin B.,	Staffordville, .....	40	2	1 00	Dec. 31, '07	1 yr.
Sprague, Frank,	West Creek, .....	62-85	4	2 00	Dec. 31, '07	1 yr.
Sprague, Frank & John F.,	West Creek, .....	78	2	1 00	Dec. 31, '07	1 yr.
Sprague, Henry,	West Creek, .....	71	2	1 00	Dec. 31, '07	1 yr.
Sprague, Joel H.,	Beach Haven, .....	457-386	8	4 00	Aug. 1, '08	1 yr.
Sprague, John F.,	West Creek, .....	180	2	1 00	Aug. 1, '08	1 yr.
Sprague, Lewis,	Tuckerton, .....	409-438	9	4 50	Aug. 1, '08	1 yr.
Sprague, Phillip,	Tuckerton, .....	430-439*	12	6 00	Aug. 1, '08	1 yr.
Sprague, Phillip,	Tuckerton, .....	410-498	11	5 50	Dec. 31, '07	1 yr.
Sprague, Phillip R.,	West Creek, .....	205-101-131-				
		182-818	11	5 50	Dec. 31, '07	1 yr.
Sprague, Reuben,	West Creek, .....	77	2	1 00	Dec. 31, '07	1 yr.
Sprague, William D.,	West Creek, .....	59	2	1 00	Aug. 1, '08	1 yr.
Stevens, Chas.,	Tuckerton, .....	430½-443½	9	4 50	Dec. 31, '07	1 yr.
Stiles, David,	Tuckerton, .....	26-6-7-385				
		317	26	13 00	Dec. 31, '07	1 yr.
Stiles, Edward,	Tuckerton, .....	338	12	6 00	Aug. 1, '08	1 yr.
Stiles, Elexis,	Tuckerton, .....	467	8	4 00	Aug. 1, '08	1 yr.
Stiles, Elias,	Tuckerton, .....	336	10	5 00	Aug. 1, '08	1 yr.
Stiles, Ezra,	Tuckerton, .....	392-403-408-				
		335-431-425-				
		407	36	18 00	Dec. 31, '07	1 yr.
Stiles, Herbert W.,	Tuckerton, .....	331	7	3 50	Aug. 1, '08	1 yr.
Stiles, James, Jr.,	Tuckerton, .....	415	2	1 00	Dec. 31, '07	1 yr.
Stiles, William,	Tuckerton, .....	4	4	2 00	Aug. 1, '08	1 yr.
Stiles, Willis,	Tuckerton, .....	855	16	8 00	Aug. 1, '08	1 yr.
Taylor, Edw.,	Barnegat, .....	351	4	2 00	Aug. 1, '08	1 yr.
Taylor, Mrs. Georgianna,	Bayville, .....	17	5	2 50	Aug. 1, '08	1 yr.
Throckmorton, Wm.,	Manahawkin, .....	755	2	1 00	Aug. 1, '08	1 yr.
White, Adelbert,	Tuckerton, .....	488	4	2 00	Aug. 1, '08	1 yr.
White, Charles,	Tuckerton, .....	329-327-328	27	13 50	Aug. 1, '08	1 yr.
White, David M.,	Manahawkin, .....	*	4	2 00	Aug. 1, '08	1 yr.
White, Frank M.,	Tuckerton, .....	452½	6	3 00	Aug. 1, '08	1 yr.
White, Walter,	Tuckerton, .....	351½	4	2 00	Aug. 1, '08	1 yr.
Wilkins, Fred,	Manahawkin, .....	753	6	3 00	Aug. 1, '08	1 yr.
Wilson, Amasa,	Port Republic, .....	*	2	1 00	Dec. 31, '07	1 yr.
Wilson, George & Pierce, Geo.	Port Republic, .....	163-179	9	4 50	Aug. 1, '08	1 yr.
Wilson, John H.,	Port Republic, .....	41	2	1 00	Dec. 31, '07	1 yr.
Wood, R. A.,	West Creek, .....	226	2	1 00	Dec. 31, '07	1 yr.

## Tongers' Licenses for Ocean County.

NAME.	ADDRESS.	No.	Date.	Term.	Amount.
Abbott, John, .....	Port Republic, .....	456	Oct. 1, 1908	1 year	\$2 50
Ackerman, Fred., .....	Absecon, .....	701	Oct. 1, 1908	1 year	2 50
Adams, Blanchard, .....	New Gretna, .....	434	Oct. 1, 1908	1 year	2 50
Adams, Ernest, .....	New Gretna, .....	374	Oct. 1, 1908	1 year	2 50
Adams, Hezekiah C., .....	New Gretna, .....	447	Oct. 1, 1908	1 year	2 50
Adams, John, .....	New Gretna, .....	356	Oct. 1, 1908	1 year	2 50
Adams, Winfield, .....	New Gretna, .....	375	Oct. 1, 1908	1 year	2 50
Alger, Bird, .....	New Gretna, .....	410	Oct. 1, 1908	1 year	2 50
Allen, Caleb F., .....	Atlantic City, .....	687	Oct. 1, 1908	1 year	2 50
Allen, Charles H., .....	New Gretna, .....	403	Oct. 1, 1908	1 year	2 50
Allen, Chester, .....	New Gretna, .....	382	Oct. 1, 1908	1 year	2 50
Allen, Chester, .....	Tuckerton, .....	648	Oct. 1, 1908	1 year	2 50
Allen, Edw. K., Sr., .....	New Gretna, .....	422	Oct. 1, 1908	1 year	2 50
Allen, Edw. K., Sr., .....	New Gretna, .....	442	Oct. 1, 1908	1 year	2 50
Allen, Forrest, .....	New Gretna, .....	413	Oct. 1, 1908	1 year	2 50
Allen, Frank, .....	New Gretna, .....	491	Oct. 1, 1908	1 year	2 50
Allen, Frank, .....	New Gretna, .....	463	Oct. 1, 1908	1 year	2 50
Allen, Harry, .....	New Gretna, .....	406	Oct. 1, 1908	1 year	2 50
Allen, Harry, .....	Tuckerton, .....	614	Oct. 1, 1908	1 year	2 50
Allen, Harry, .....	New Gretna, .....	405	Oct. 1, 1908	1 year	2 50
Allen, Harry, .....	New Gretna, .....	395	Oct. 1, 1908	1 year	2 50
Allen, Howard, .....	New Gretna, .....	443	Oct. 1, 1908	1 year	2 50
Allen, James, .....	New Gretna, .....	517	Oct. 1, 1908	1 year	2 50
Allen, James, .....	Tuckerton, .....	384	Oct. 1, 1908	1 year	2 50
Allen, Jefferson, .....	New Gretna, .....	451	Oct. 1, 1908	1 year	2 50
Allen, John F., .....	New Gretna, .....	404	Oct. 1, 1908	1 year	2 50
Allen, Jos. B., .....	Atlantic City, .....	469	Oct. 1, 1908	1 year	2 50
Allen, Jos. B., Sr., .....	Tuckerton, .....	591	Oct. 1, 1908	1 year	2 50
Allen, Lawrence, .....	Tuckerton, .....	675	Oct. 1, 1908	1 year	2 50
Allen, Oscar, .....	Tuckerton, .....	462	Oct. 1, 1908	1 year	2 50
Allen, S. B., .....	New Gretna, .....	682	Oct. 1, 1908	1 year	2 50
Allen, Thomas, .....	New Gretna, .....	437	Oct. 1, 1908	1 year	2 50
Allen, Thomas, .....	New Gretna, .....	450	Oct. 1, 1908	1 year	2 50
Allen, Thomas J., .....	Tuckerton, .....	615	Oct. 1, 1908	1 year	2 50
Allen, Walter, .....	Tuckerton, .....	581	Oct. 1, 1908	1 year	2 50
Allen, Washington, .....	New Gretna, .....	430	Oct. 1, 1908	1 year	2 50
Allen, William, .....	New Gretna, .....	394	Oct. 1, 1908	1 year	2 50
Allen, W. J., .....	New Gretna, .....	376	Oct. 1, 1908	1 year	2 50
Anderson, Samuel, .....	Tuckerton, .....	688	Oct. 1, 1908	1 year	2 50
Anderson, Warren, .....	Tuckerton, .....	689	Oct. 1, 1908	1 year	2 50
Andrews, George, .....	Atlantic City, .....	686	Oct. 1, 1908	1 year	2 50
Barrett, Aaron, .....	Beach Haven, .....	573	Oct. 1, 1908	1 year	2 50
Bates, H. A., .....	Port Republic, .....	460	Oct. 1, 1908	1 year	2 50
Bennett, Josiah, .....	Tuckerton, .....	523	Oct. 1, 1908	1 year	2 50
Bird, James, .....	Tuckerton, .....	726	Oct. 1, 1908	1 year	2 50
Bowen, Calvin, .....	Tuckerton, .....	644	Oct. 1, 1908	1 year	2 50
Bowen, G. P., .....	Tuckerton, .....	645	Oct. 1, 1908	1 year	2 50
Bowen, Oscar, .....	Leeds Point, .....	498	Oct. 1, 1908	1 year	2 50
Brand, George, .....	Port Republic, .....	678	Oct. 1, 1908	1 year	2 50
Brown, Ezra P., .....	West Creek, .....	480	Oct. 1, 1908	1 year	2 50
Brown, Jas. D., .....	Tuckerton, .....	627	Oct. 1, 1908	1 year	2 50
Brown, John, .....	Parkertown, .....	565	Oct. 1, 1908	1 year	2 50
Brown, Mark, .....	Parkertown, .....	542	Oct. 1, 1908	1 year	2 50
Brown, Walter, .....	Tuckerton, .....	590	Oct. 1, 1908	1 year	2 50
Bunnell, Charles, .....	Forked River, .....	84	Oct. 1, 1908	1 year	2 50
Bunnell, Ephraim, .....	Forked River, .....	85	Oct. 1, 1908	1 year	2 50
Burton, Jos. C., .....	Tuckerton, .....	604	Oct. 1, 1908	1 year	2 50
Burton, William G., .....	Tuckerton, .....	611	Oct. 1, 1908	1 year	2 50
Cabrey, William, .....	New Gretna, .....	521	Oct. 1, 1908	1 year	2 50
Carhart, Samuel, .....	Tuckerton, .....	735	Oct. 1, 1908	1 year	2 50
Carhart, William, .....	Tuckerton, .....	608	Oct. 1, 1908	1 year	2 50
Chew, William, .....	New Gretna, .....	389	Oct. 1, 1908	1 year	2 50
Clark, John W., .....	Absecon, .....	702	Oct. 1, 1908	1 year	2 50
Cobb, Alvin, .....	Mayetta, .....	427	Oct. 1, 1908	1 year	2 50
Cobb, Charles, .....	New Gretna, .....	709	Oct. 1, 1908	1 year	2 50
Cobb, John, .....	Mayetta, .....	426	Oct. 1, 1908	1 year	2 50
Conklin, Lewis, .....	Cedar Run, .....	504	Oct. 1, 1908	1 year	2 50

## TONGER'S LICENSES FOR OCEAN COUNTY.—Continued.

NAME.	ADDRESS.	No.	Date.	Term.	Amount.
Conklin, Samuel, .....	Cedar Run, .....	505	Oct. 1, 1908	1 year	\$2 50
Conover, Edw., .....	Tuckerton, .....	502	Oct. 1, 1908	1 year	2 50
Conover, Edw., .....	Tuckerton, .....	606	Oct. 1, 1908	1 year	2 50
Corson, Lewis, .....	New Gretna, .....	668	Oct. 1, 1908	1 year	2 50
Cowperthwaite, Henry, .....	Beach Haven, .....	485	Oct. 1, 1908	1 year	2 50
Cowperthwaite, Wm., .....	Tuckerton, .....	642	Oct. 1, 1908	1 year	2 50
Cox, George M., .....	West Creek, .....	492	Oct. 1, 1908	1 year	2 50
Cox, Harry, .....	Tuckerton, .....	588	Oct. 1, 1908	1 year	2 50
Cox, Wm., .....	Tuckerton, .....	587	Oct. 1, 1908	1 year	2 50
Cox, Wm. E., .....	West Creek, .....	493	Oct. 1, 1908	1 year	2 50
Cranmer, Arnold, .....	New Gretna, .....	440	Oct. 1, 1908	1 year	2 50
Cranmer, Albert F., .....	New Gretna, .....	438	Oct. 1, 1908	1 year	2 50
Cranmer, Albert S., .....	West Creek, .....	490	Oct. 1, 1908	1 year	2 50
Cranmer, Caleb, .....	New Gretna, .....	210	Oct. 1, 1908	1 year	2 50
Cranmer, Clarence, .....	West Creek, .....	455	Oct. 1, 1908	1 year	2 50
Cranmer, D. D., .....	West Creek, .....	673	Oct. 1, 1908	1 year	2 50
Cranmer, Doughty, .....	New Gretna, .....	400	Oct. 1, 1908	1 year	2 50
Cranmer, Earl, .....	New Gretna, .....	441	Oct. 1, 1908	1 year	2 50
Cranmer, Edward, .....	New Gretna, .....	380	Oct. 1, 1908	1 year	2 50
Cranmer, Harry, .....	Atlantic City, .....	601	Oct. 1, 1908	1 year	2 50
Cranmer, Herbert, .....	New Gretna, .....	419	Oct. 1, 1908	1 year	2 50
Cranmer, James D., .....	New Gretna, .....	381	Oct. 1, 1908	1 year	2 50
Cranmer, John F., .....	New Gretna, .....	418	Oct. 1, 1908	1 year	2 50
Cranmer, Joseph, .....	West Creek, .....	488	Oct. 1, 1908	1 year	2 50
Cranmer, Lemuel, .....	New Gretna, .....	420	Oct. 1, 1908	1 year	2 50
Cranmer, Milton, .....	New Gretna, .....	674	Oct. 1, 1908	1 year	2 50
Cranmer, Morris, .....	New Gretna, .....	677	Oct. 1, 1908	1 year	2 50
Cranmer, Oliver, .....	West Creek, .....	550	Oct. 1, 1908	1 year	2 50
Cranmer, Oscar C., .....	West Creek, .....	532	Oct. 1, 1908	1 year	2 50
Cranmer, Samuel, .....	New Gretna, .....	421	Oct. 1, 1908	1 year	2 50
Cranmer, Samuel R., .....	West Creek, .....	487	Oct. 1, 1908	1 year	2 50
Cranmer, Thomas, .....	New Gretna, .....	409	Oct. 1, 1908	1 year	2 50
Cummings, Charles, .....	Parkertown, .....	566	Oct. 1, 1908	1 year	2 50
Cummings, Eugene, .....	Parkertown, .....	529	Oct. 1, 1908	1 year	2 50
Cummings, Joseph, .....	Parkertown, .....	556	Oct. 1, 1908	1 year	2 50
Cummings, Ralph, .....	Parkertown, .....	547	Oct. 1, 1908	1 year	2 50
Cummings, Silas, .....	Parkertown, .....	555	Oct. 1, 1908	1 year	2 50
Cummings, Wm. H., .....	Parkertown, .....	564	Oct. 1, 1908	1 year	2 50
Cummings, Wm., .....	Parkertown, .....	549	Oct. 1, 1908	1 year	2 50
Darby, J. W., .....	New Gretna, .....	672	Oct. 1, 1908	1 year	2 50
Dilks, Roscoe, .....	Port Republic, .....	461	Oct. 1, 1908	1 year	2 50
Downs, Austin, .....	New Gretna, .....	415	Oct. 1, 1908	1 year	2 50
Downs, Walter, .....	Wading River, .....	471	Oct. 1, 1908	1 year	2 50
Downs, Wm., .....	New Gretna, .....	416	Oct. 1, 1908	1 year	2 50
Driscoll, Cornelius, .....	Atlantic City, .....	717	Oct. 1, 1908	1 year	2 50
Driscoll, Enoch, .....	Tuckerton, .....	650	Oct. 1, 1908	1 year	2 50
Driscoll, Fred., .....	Atlantic City, .....	718	Oct. 1, 1908	1 year	2 50
Driscoll, George, .....	Tuckerton, .....	630	Oct. 1, 1908	1 year	2 50
Driscoll, Harry, .....	Tuckerton, .....	610	Oct. 1, 1908	1 year	2 50
Driscoll, Houston, .....	Tuckerton, .....	310	Oct. 1, 1908	1 year	2 50
Driscoll, Lewis F., .....	New Gretna, .....	572	Oct. 1, 1908	1 year	2 50
Driscoll, Reuben, .....	Tuckerton, .....	255	Oct. 1, 1908	1 year	2 50
Driscoll, Richard, .....	Beach Haven, .....	716	Oct. 1, 1908	1 year	2 50
Driscoll, Samuel, .....	Tuckerton, .....	657	Oct. 1, 1908	1 year	2 50
Driscoll, Stephen, .....	Tuckerton, .....	656	Oct. 1, 1908	1 year	2 50
Driscoll, Thomas, .....	Tuckerton, .....	654	Oct. 1, 1908	1 year	2 50
Driscoll, W. S., .....	Tuckerton, .....	711	Oct. 1, 1908	1 year	2 50
Driscoll, William, .....	Tuckerton, .....	617	Oct. 1, 1908	1 year	2 50
Downs, Harry, .....	Wading River, .....	517	Oct. 1, 1908	1 year	2 50
Elberson, Armsteel, .....	Tuckerton, .....	707	Oct. 1, 1908	1 year	2 50
Entwistle, M., .....	Tuckerton, .....	601	Oct. 1, 1908	1 year	2 50
Falkinburg, Chas., .....	Tuckerton, .....	602	Oct. 1, 1908	1 year	2 50
Falkinburg, Edw., .....	Tuckerton, .....	618	Oct. 1, 1908	1 year	2 50
Falkinburg, Raymond, .....	Tuckerton, .....	651	Oct. 1, 1908	1 year	2 50
Frazier, Frank, .....	Tuckerton, .....	582	Oct. 1, 1908	1 year	2 50
French, H. E., .....	New Gretna, .....	439	Oct. 1, 1908	1 year	2 50
French, Lewis, .....	Port Republic, .....	712	Oct. 1, 1908	1 year	2 50
Gale, Alfred, .....	Tuckerton, .....	676	Oct. 1, 1908	1 year	2 50

## TONGER'S LICENSES FOR OCEAN COUNTY.—Continued.

NAME.	ADDRESS.	No.	Date.	Term.	Amount.
Gale, Amos, . . . . .	Tuckerton, . . . . .	638	Oct. 1, 1908	1 year	\$2 50
Gale, E. A., . . . . .	Tuckerton, . . . . .	722	Oct. 1, 1908	1 year	2 50
Gale, Eugene, . . . . .	Tuckerton, . . . . .	728	Oct. 1, 1908	1 year	2 50
Gale, Frank, . . . . .	Tuckerton, . . . . .	733	Oct. 1, 1908	1 year	2 50
Gale, Hilton, . . . . .	Tuckerton, . . . . .	647	Oct. 1, 1908	1 year	2 50
Gale, Michael H., . . . . .	Tuckerton, . . . . .	692	Oct. 1, 1908	1 year	2 50
Gale, Paul, . . . . .	Tuckerton, . . . . .	630	Oct. 1, 1908	1 year	2 50
Gale, Warren, . . . . .	Tuckerton, . . . . .	649	Oct. 1, 1908	1 year	2 50
Gale, Wm. H., . . . . .	Tuckerton, . . . . .	577	Oct. 1, 1908	1 year	2 50
Gale, Wm., Jr., . . . . .	Tuckerton, . . . . .	576	Oct. 1, 1908	1 year	2 50
Garrison, Benjamin, . . . . .	Tuckerton, . . . . .	640	Oct. 1, 1908	1 year	2 50
Garrison, Eugene, . . . . .	Tuckerton, . . . . .	690	Oct. 1, 1908	1 year	2 50
Gaskill, Alvin, . . . . .	New Gretna, . . . . .	393	Oct. 1, 1908	1 year	2 50
Gaskill, Carlisle, . . . . .	New Gretna, . . . . .	392	Oct. 1, 1908	1 year	2 50
Gaskill, Jesse, . . . . .	Mayetta, . . . . .	428	Oct. 1, 1908	1 year	2 50
Gaskill, Jesse, . . . . .	New Gretna, . . . . .	372	Oct. 1, 1908	1 year	2 50
Gaskill, John, . . . . .	Tuckerton, . . . . .	727	Oct. 1, 1908	1 year	2 50
Gaskill, Jos., . . . . .	New Gretna, . . . . .	467	Oct. 1, 1908	1 year	2 50
Gaskill, Thos. J., . . . . .	New Gretna, . . . . .	466	Oct. 1, 1908	1 year	2 50
Gaskill, Morris, . . . . .	New Gretna, . . . . .	424	Oct. 1, 1908	1 year	2 50
Gaskill, Wm. F., . . . . .	Tuckerton, . . . . .	631	Oct. 1, 1908	1 year	2 50
George, Demetrios, . . . . .	Newark, . . . . .	371	Mar. 3, 1908	1 year	2 50
Gerew, Harold, . . . . .	New Gretna, . . . . .	465	Oct. 1, 1908	1 year	2 50
Gerew, Walter, . . . . .	New Gretna, . . . . .	423	Oct. 1, 1908	1 year	2 50
Gifford, Lerner, . . . . .	Tuckerton, . . . . .	646	Oct. 1, 1908	1 year	2 50
Graham, Harry C., . . . . .	Tuckerton, . . . . .	723	Oct. 1, 1908	1 year	2 50
Grey, John, . . . . .	New Gretna, . . . . .	433	Oct. 1, 1908	1 year	2 50
Haywood, J. P., . . . . .	West Creek, . . . . .	482	Oct. 1, 1908	1 year	2 50
Heinreich, Edw., . . . . .	Tuckerton, . . . . .	634	Oct. 1, 1908	1 year	2 50
Higbee, Samuel, . . . . .	Port Republic, . . . . .	458	Oct. 1, 1908	1 year	2 50
Holman, Jos. B., . . . . .	West Creek, . . . . .	552	Oct. 1, 1908	1 year	2 50
Homan, Alvin, . . . . .	Atlantic City, . . . . .	520	Oct. 1, 1908	1 year	2 50
Homan, Atmore, . . . . .	Parkertown, . . . . .	570	Oct. 1, 1908	1 year	2 50
Homan, M. W., . . . . .	Parkertown, . . . . .	526	Oct. 1, 1908	1 year	2 50
Horner, Chas., . . . . .	Parkertown, . . . . .	571	Oct. 1, 1908	1 year	2 50
Horner, Garwood, . . . . .	Tuckerton, . . . . .	704	Oct. 1, 1908	1 year	2 50
Horner, Isaac, . . . . .	Parkertown, . . . . .	562	Oct. 1, 1908	1 year	2 50
Horner, James R., . . . . .	Tuckerton, . . . . .	653	Oct. 1, 1908	1 year	2 50
Horner, Samuel J., . . . . .	Tuckerton, . . . . .	547	Oct. 1, 1908	1 year	2 50
Jeffreys, R. S., . . . . .	Steelmanville, . . . . .	720	Oct. 1, 1908	1 year	2 50
Jilson, Warren, . . . . .	Tuckerton, . . . . .	579	Oct. 1, 1908	1 year	2 50
Johnson, Cornelius, . . . . .	West Creek, . . . . .	551	Oct. 1, 1908	1 year	2 50
Johnson, Harold, . . . . .	Port Republic, . . . . .	457	Oct. 1, 1908	1 year	2 50
Jones, A. H., . . . . .	West Creek, . . . . .	486	Oct. 1, 1908	1 year	2 50
Jones, John F., . . . . .	West Creek, . . . . .	491	Oct. 1, 1908	1 year	2 50
Jones, Jos. Harry, . . . . .	Tuckerton, . . . . .	496	Oct. 1, 1908	1 year	2 50
Jones, Samuel, . . . . .	Tuckerton, . . . . .	598	Oct. 1, 1908	1 year	2 50
Jones, Samuel A., . . . . .	Tuckerton, . . . . .	625	Oct. 1, 1908	1 year	2 50
Jones, Thomas, . . . . .	Tuckerton, . . . . .	609	Oct. 1, 1908	1 year	2 50
Jones, Wilbur C., . . . . .	Tuckerton, . . . . .	714	Oct. 1, 1908	1 year	2 50
Kahler, Otto, . . . . .	Atlantic City, . . . . .	470	Oct. 1, 1908	1 year	2 50
Kelley, Alexis, . . . . .	West Creek, . . . . .	500	Oct. 1, 1908	1 year	2 50
Kelley, Eugene, . . . . .	West Creek, . . . . .	489	Oct. 1, 1908	1 year	2 50
Kelley, Cornelius, . . . . .	West Creek, . . . . .	477	Oct. 1, 1908	1 year	2 50
Kelley, Geo. G., . . . . .	West Creek, . . . . .	478	Oct. 1, 1908	1 year	2 50
Kelley, Hugh F., . . . . .	West Creek, . . . . .	473	Oct. 1, 1908	1 year	2 50
Kelley, Jas. B., . . . . .	West Creek, . . . . .	472	Oct. 1, 1908	1 year	2 50
Kelley, Jas. H., . . . . .	West Creek, . . . . .	531	Oct. 1, 1908	1 year	2 50
Kelley, Job S., . . . . .	West Creek, . . . . .	546	Oct. 1, 1908	1 year	2 50
Lafferty, Walter, . . . . .	Pleasantville, . . . . .	508	Oct. 1, 1908	1 year	2 50
Lafferty, Joel W., . . . . .	Cedar Run, . . . . .	507	Oct. 1, 1908	1 year	2 50
Lamson, Frank, . . . . .	Tuckerton, . . . . .	586	Oct. 1, 1908	1 year	2 50
Layton, Frank, . . . . .	Tuckerton, . . . . .	607	Oct. 1, 1908	1 year	2 50
Layton, William, . . . . .	Tuckerton, . . . . .	607	Oct. 1, 1908	1 year	2 50
Leeds, Joab, . . . . .	New Gretna, . . . . .	383	Oct. 1, 1908	1 year	2 50
Leeds, Lewis, . . . . .	Leeds Point, . . . . .	703	Oct. 1, 1908	1 year	2 50
Lippincott, Watson, . . . . .	Wading River, . . . . .	699	Oct. 1, 1908	1 year	2 50
Loveland, Arthur, . . . . .	New Gretna, . . . . .	425	Oct. 1, 1908	1 year	2 50
Loveland, Ellis, . . . . .	New Gretna, . . . . .	373	Oct. 1, 1908	1 year	2 50

## TONGER'S LICENSES FOR OCEAN COUNTY.—Continued.

NAME.	ADDRESS.	No.	Date.	Term.	Amount.
Loveland, Jesse, . . . . .	New Gretna, . . . . .	396	Oct. 1, 1908	1 year	\$2 50
Loveland, Jos. A., . . . . .	New Gretna, . . . . .	417	Oct. 1, 1908	1 year	2 50
Loveland, Leslie, . . . . .	Tuckerton, . . . . .	665	Oct. 1, 1908	1 year	2 50
Loveland, Lewis, . . . . .	New Gretna, . . . . .	708	Oct. 1, 1908	1 year	2 50
Loveland, R. A., . . . . .	New Gretna, . . . . .	398	Oct. 1, 1908	1 year	2 50
Loveland, Towers, . . . . .	New Gretna, . . . . .	667	Oct. 1, 1908	1 year	2 50
Luker, Chas., . . . . .	Atlantic City, . . . . .	671	Oct. 1, 1908	1 year	2 50
Luker, Edw., . . . . .	Atlantic City, . . . . .	666	Oct. 1, 1908	1 year	2 50
Luker, Isaiah, . . . . .	Tuckerton, . . . . .	661	Oct. 1, 1908	1 year	2 50
Luker, Stephen, . . . . .	Tuckerton, . . . . .	597	Oct. 1, 1908	1 year	2 50
Marshall, George, . . . . .	Tuckerton, . . . . .	584	Oct. 1, 1908	1 year	2 50
Marshall, George, . . . . .	Tuckerton, . . . . .	694	Oct. 1, 1908	1 year	2 50
Marshall, Harry, . . . . .	Beach Haven, . . . . .	503	Oct. 1, 1908	1 year	2 50
Marshall, Jas., . . . . .	Tuckerton, . . . . .	695	Oct. 1, 1908	1 year	2 50
Marshall, Noah, . . . . .	Tuckerton, . . . . .	696	Oct. 1, 1908	1 year	2 50
Marshall, Wm., . . . . .	Tuckerton, . . . . .	693	Oct. 1, 1908	1 year	2 50
Mathis, Alvin, . . . . .	New Gretna, . . . . .	448	Oct. 1, 1908	1 year	2 50
Mathis, Asbury, . . . . .	New Gretna, . . . . .	387	Oct. 1, 1908	1 year	2 50
Mathis, Caleb, . . . . .	New Gretna, . . . . .	397	Oct. 1, 1908	1 year	2 50
Mathis, Clinton, . . . . .	New Gretna, . . . . .	399	Oct. 1, 1908	1 year	2 50
Mathis, Curtis, . . . . .	New Gretna, . . . . .	379	Oct. 1, 1908	1 year	2 50
Mathis, D. E., . . . . .	New Gretna, . . . . .	444	Oct. 1, 1908	1 year	2 50
Mathis, Eugene, . . . . .	New Gretna, . . . . .	407	Oct. 1, 1908	1 year	2 50
Mathis, Floyd, . . . . .	Tuckerton, . . . . .	710	Oct. 1, 1908	1 year	2 50
Mathis, Floyd, . . . . .	Tuckerton, . . . . .	580	Oct. 1, 1908	1 year	2 50
Mathis, Harry V., . . . . .	New Gretna, . . . . .	464	Oct. 1, 1908	1 year	2 50
Mathis, Harvey, . . . . .	Tuckerton, . . . . .	578	Oct. 1, 1908	1 year	2 50
Mathis, Ira, . . . . .	Tuckerton, . . . . .	695	Oct. 1, 1908	1 year	2 50
Mathis, John, . . . . .	Pleasantville, . . . . .	512	Oct. 1, 1908	1 year	2 50
Mathis, John K., . . . . .	New Gretna, . . . . .	414	Oct. 1, 1908	1 year	2 50
Mathis, Jos. A., . . . . .	New Gretna, . . . . .	412	Oct. 1, 1908	1 year	2 50
Mathis, Jos. K., Sr., . . . . .	New Gretna, . . . . .	401	Oct. 1, 1908	1 year	2 50
Mathis, Jos. K., Jr., . . . . .	New Gretna, . . . . .	402	Oct. 1, 1908	1 year	2 50
Mathis, Joshua, . . . . .	New Gretna, . . . . .	721	Oct. 1, 1908	1 year	2 50
Mathis, L. L., . . . . .	New Gretna, . . . . .	468	Oct. 1, 1908	1 year	2 50
Mathis, Maurice, . . . . .	Leeds Point, . . . . .	499	Oct. 1, 1908	1 year	2 50
Mathis, Paul, . . . . .	New Gretna, . . . . .	454	Oct. 1, 1908	1 year	2 50
Mathis, Roland, . . . . .	New Gretna, . . . . .	411	Oct. 1, 1908	1 year	2 50
Mathis, Samuel, . . . . .	New Gretna, . . . . .	385	Oct. 1, 1908	1 year	2 50
Mathis, Samuel W., . . . . .	New Gretna, . . . . .	391	Oct. 1, 1908	1 year	2 50
Mathis, Walter W., . . . . .	New Gretna, . . . . .	429	Oct. 1, 1908	1 year	2 50
Mathis, Walter R., . . . . .	New Gretna, . . . . .	388	Oct. 1, 1908	1 year	2 50
Mathis, Warren, . . . . .	Tuckerton, . . . . .	686	Oct. 1, 1908	1 year	2 50
Mathis, William A., . . . . .	New Gretna, . . . . .	378	Oct. 1, 1908	1 year	2 50
Mathis, William H., . . . . .	New Gretna, . . . . .	449	Oct. 1, 1908	1 year	2 50
Maxwell, George, . . . . .	Wading River, . . . . .	683	Oct. 1, 1908	1 year	2 50
Maxwell, James, . . . . .	Wading River, . . . . .	683	Oct. 1, 1908	1 year	2 50
McAnney, Earl, . . . . .	New Gretna, . . . . .	408	Oct. 1, 1908	1 year	2 50
McAnney, Elton, . . . . .	Wading River, . . . . .	518	Oct. 1, 1908	1 year	2 50
McCoy, Grover, . . . . .	Tuckerton, . . . . .	730	Oct. 1, 1908	1 year	2 50
Moore, J. I., . . . . .	New Gretna, . . . . .	432	Oct. 1, 1908	1 year	2 50
Morey, Chas., . . . . .	Tuckerton, . . . . .	729	Oct. 1, 1908	1 year	2 50
Morey, Rufol, . . . . .	Tuckerton, . . . . .	623	Oct. 1, 1908	1 year	2 50
Morris, Wm. A., . . . . .	Tuckerton, . . . . .	603	Oct. 1, 1908	1 year	2 50
Mortimer, Richard, . . . . .	Tuckerton, . . . . .	679	Oct. 1, 1908	1 year	2 50
Mossier, Edw., . . . . .	Tuckerton, . . . . .	626	Oct. 1, 1908	1 year	2 50
Mott, Geo. W., . . . . .	Tuckerton, . . . . .	724	Oct. 1, 1908	1 year	2 50
Mott, Joel, . . . . .	Tuckerton, . . . . .	622	Oct. 1, 1908	1 year	2 50
Mott, Milton, . . . . .	Tuckerton, . . . . .	725	Oct. 1, 1908	1 year	2 50
Mott, Raymond, . . . . .	Tuckerton, . . . . .	637	Oct. 1, 1908	1 year	2 50
Mullen, Chas., . . . . .	Tuckerton, . . . . .	731	Oct. 1, 1908	1 year	2 50
Munyon, Joshua, . . . . .	Tuckerton, . . . . .	705	Oct. 1, 1908	1 year	2 50
Munyon, Phineas, . . . . .	New Gretna, . . . . .	390	Oct. 1, 1908	1 year	2 50
Parker, Adelbert, . . . . .	Parkertown, . . . . .	568	Oct. 1, 1908	1 year	2 50
Parker, Alex., . . . . .	Tuckerton, . . . . .	600	Oct. 1, 1908	1 year	2 50
Parker, Chas., . . . . .	Tuckerton, . . . . .	599	Oct. 1, 1908	1 year	2 50
Parker, Chas., . . . . .	Tuckerton, . . . . .	497	Oct. 1, 1908	1 year	2 50
Parker, Darnell, . . . . .	Parkertown, . . . . .	559	Oct. 1, 1908	1 year	2 50
Parker, Ellis, . . . . .	Parkertown, . . . . .	561	Oct. 1, 1908	1 year	2 50

## TONGER'S LICENSES FOR OCEAN COUNTY.—Continued.

NAME.	ADDRESS.	No.	Date.	Term.	Amount.
Parker, Filbert S.,	Parkertown,	525	Oct. 1, 1908	1 year	\$2 50
Parker, Hazie,	Parkertown,	523	Oct. 1, 1908	1 year	2 50
Parker, Hausel,	Parkertown,	524	Oct. 1, 1908	1 year	2 50
Parker, Henry,	Parkertown,	560	Oct. 1, 1908	1 year	2 50
Parker, Horvie,	Parkertown,	567	Oct. 1, 1908	1 year	2 50
Parker, Jas. A.,	Parkertown,	557	Oct. 1, 1908	1 year	2 50
Parker, Jas. W.,	Tuckerton,	534	Oct. 1, 1908	1 year	2 50
Parker, Lloyd,	Parkertown,	528	Oct. 1, 1908	1 year	2 50
Parker, Mfleard F.,	Parkertown,	595	Oct. 1, 1908	1 year	2 50
Parker, Norwood,	Parkertown,	548	Oct. 1, 1908	1 year	2 50
Parker, Rockhill,	Parkertown,	569	Oct. 1, 1908	1 year	2 50
Parker, Roy,	Parkertown,	563	Oct. 1, 1908	1 year	2 50
Parker, Rudolph,	Parkertown,	558	Oct. 1, 1908	1 year	2 50
Parker, Samuel B.,	Parkertown,	685	Oct. 1, 1908	1 year	2 50
Parker, Thomas,	Parkertown,	522	Oct. 1, 1908	1 year	2 50
Parker, Wilbur C.,	Tuckerton,	535	Oct. 1, 1908	1 year	2 50
Parker, Wm. E.,	Parkertown,	539	Oct. 1, 1908	1 year	2 50
Pharo, Aaron,	West Creek,	537	Oct. 1, 1908	1 year	2 50
Pharo, Frank,	West Creek,	474	Oct. 1, 1908	1 year	2 50
Pharo, Watson L.,	West Creek,	475	Oct. 1, 1908	1 year	2 50
Pierce, George,	Port Republic,	459	Oct. 1, 1908	1 year	2 50
Potter, Edw.,	West Creek,	501	Oct. 1, 1908	1 year	2 50
Potter, Wm.,	West Creek,	502	Oct. 1, 1908	1 year	2 50
Price, Abram,	Parkertown,	540	Oct. 1, 1908	1 year	2 50
Price, Clarence,	Parkertown,	541	Oct. 1, 1908	1 year	2 50
Price, Mason,	Parkertown,	527	Oct. 1, 1908	1 year	2 50
Price, Merritt W.,	Parkertown,	554	Oct. 1, 1908	1 year	2 50
Printz, Karl,	Atlantic City,	698	Oct. 1, 1908	1 year	2 50
Pullen, Brazilla,	Tuckerton,	605	Oct. 1, 1908	1 year	2 50
Pullen, Frank,	Tuckerton,	641	Oct. 1, 1908	1 year	2 50
Quinn, George,	Tuckerton,	660	Oct. 1, 1908	1 year	2 50
Quinn, George,	Tuckerton,	669	Oct. 1, 1908	1 year	2 50
Quinn, Henry,	Tuckerton,	519	Oct. 1, 1908	1 year	2 50
Quinn, John A.,	Tuckerton,	516	Oct. 1, 1908	1 year	2 50
Quinn, Paul,	Tuckerton,	659	Oct. 1, 1908	1 year	2 50
Quinn, Richard,	Tuckerton,	643	Oct. 1, 1908	1 year	2 50
Riley, Benjamin,	Tuckerton,	612	Oct. 1, 1908	1 year	2 50
Risley, Curtis,	Pleasantville,	513	Oct. 1, 1908	1 year	2 50
Risley, Harry,	Pleasantville,	514	Oct. 1, 1908	1 year	2 50
Risley, Job,	Pleasantville,	719	Oct. 1, 1908	1 year	2 50
Robbins, Chas.,	New Gretna,	435	Oct. 1, 1908	1 year	2 50
Robbins, Gilbert,	New Gretna,	436	Oct. 1, 1908	1 year	2 50
Robbins, L. D.,	New Gretna,	377	Oct. 1, 1908	1 year	2 50
Rossell, Corlis,	Tuckerton,	616	Oct. 1, 1908	1 year	2 50
Rulon, Harper,	West Creek,	479	Oct. 1, 1908	1 year	2 50
Rutter, C. Roy,	West Creek,	670	Oct. 1, 1908	1 year	2 50
Rutter, John W.,	West Creek,	530	Oct. 1, 1908	1 year	2 50
Rutter, R. F.,	West Creek,	481	Oct. 1, 1908	1 year	2 50
Seaman, Clarence A.,	West Creek,	484	Oct. 1, 1908	1 year	2 50
Seaman, T. C.,	New Gretna,	706	Oct. 1, 1908	1 year	2 50
Sears, W. N.,	New Gretna,	446	Oct. 1, 1908	1 year	2 50
Shinn, Edw. L.,	West Creek,	553	Oct. 1, 1908	1 year	2 50
Shinn, John A.,	West Creek,	476	Oct. 1, 1908	1 year	2 50
Shourds, Samuel,	Beach Haven,	538	Oct. 1, 1908	1 year	2 50
Simmerman, Fred,	Tuckerton,	658	Oct. 1, 1908	1 year	2 50
Smith, Claude,	Tuckerton,	584	Oct. 1, 1908	1 year	2 50
Smith, Ernest,	Tuckerton,	583	Oct. 1, 1908	1 year	2 50
Smith, George L.,	Atlantic City,	652	Oct. 1, 1908	1 year	2 50
Smith, Ira,	Tuckerton,	632	Oct. 1, 1908	1 year	2 50
Smith, Joseph,	Atlantic City,	511	Oct. 1, 1908	1 year	2 50
Sooy, Daniel T. Jr.,	New Gretna,	452	Oct. 1, 1908	1 year	2 50
Sooy, Leonard,	New Gretna,	453	Oct. 1, 1908	1 year	2 50
Sopp, Walter L.,	Tuckerton,	509	Oct. 1, 1908	1 year	2 50
Speck, James,	Tuckerton,	594	Oct. 1, 1908	1 year	2 50
Speck, James H.,	Tuckerton,	624	Oct. 1, 1908	1 year	2 50
Speck, W. H.,	Tuckerton,	515	Oct. 1, 1908	1 year	2 50
Sprague, Alfred,	Tuckerton,	619	Oct. 1, 1908	1 year	2 50

## TONGER'S LICENSES FOR OCEAN COUNTY.—Continued.

NAME.	ADDRESS.	No.	Date.	Term.	Amount.
Sprague, Edw. P.,	Cedar Run,	506	Oct. 1, 1908	1 year	\$2 50
Sprague, Fred.,	West Creek,	536	Oct. 1, 1908	1 year	2 50
Sprague, Henry,	West Creek,	544	Oct. 1, 1908	1 year	2 50
Sprague, Jeremiah,	Beach Haven,	495	Oct. 1, 1908	1 year	2 50
Sprague, Joseph,	Beach Haven,	494	Oct. 1, 1908	1 year	2 50
Sprague, Lewis,	Tuckerton,	620	Oct. 1, 1908	1 year	2 50
Sprague, Philip R.,	West Creek,	483	Oct. 1, 1908	1 year	2 50
Sprague, Reuben,	West Creek,	545	Oct. 1, 1908	1 year	2 50
Sprague, William,	West Creek,	543	Oct. 1, 1908	1 year	2 50
Stevens, Samuel,	Tuckerton,	613	Oct. 1, 1908	1 year	2 50
Stevens, Wm.,	Tuckerton,	633	Oct. 1, 1908	1 year	2 50
Stevens, Wm. H.,	Beach Haven,	204	Oct. 1, 1908	1 year	2 50
Stiles, Albert,	Tuckerton,	664	Oct. 1, 1908	1 year	2 50
Stiles, Edward,	Tuckerton,	621	Oct. 1, 1908	1 year	2 50
Stiles, Elias,	Tuckerton,	575	Oct. 1, 1908	1 year	2 50
Stiles, Ernest,	Tuckerton,	629	Oct. 1, 1908	1 year	2 50
Teasdale, Edw.,	Tuckerton,	700	Oct. 1, 1908	1 year	2 50
White, Adelbert,	Tuckerton,	589	Oct. 1, 1908	1 year	2 50
White, Charles M.,	Tuckerton,	596	Oct. 1, 1908	1 year	2 50
White, Walter,	Tuckerton,	585	Oct. 1, 1908	1 year	2 50
Williams, Grover,	New Gretna,	680	Oct. 1, 1908	1 year	2 50
Wright, Howard,	Atlantic City,	697	Oct. 1, 1908	1 year	2 50

## Oyster Bed Leases—Delaware Bay.

\* Indicates a credit or debit owing to 1907 rental collected on estimated area, since corrected by survey and rental adjusted.

NAME.	ADDRESS.	No.	Acree.	Amount.	Date.	Term.
Adams, J. Wesley, .....	Port Norris, .....	2	41	\$14 35	June 20	1 year
Adams, J. Wesley, & Robbins, D. T., .....	Port Norris, .....	5	5	3 50	June 20	1 year
Adams & Cook, .....	Port Norris, .....	12	4 20	June 20	1 year	
Adams & Holmes, .....	Port Norris, .....	3	19	6 80	June 20	1 year
Allen, Edward H., .....	Bivalve, .....	4	29	10 15	June 20	1 year
Bacon, Boyle & Chance, .....	Mauricetown, .....	19	28	9 80	June 20	1 year
Bacon & Chance, .....	Mauricetown, .....	45	20	7 00	June 20	1 year
Bailey, Lafayette, .....	Dividing Creek, .....	16	20	7 00	June 20	1 year
Bailey & Dilks, .....	Port Norris, .....	34	40	14 00	June 20	1 year
Bailey & Peace, .....	Port Norris, .....	15	15	5 25	June 20	1 year
Baker, Edward, .....	Haleyville, .....	9	14	4 90	June 20	1 year
Bateman, Luther, .....	Newport, .....	27	180*	63 70	June 20	1 year
Bateman, Rebecca R., .....	Newport, .....	12	60	21 00	June 20	1 year
Bateman & Bateman, .....	Mauricetown, .....	39	42*	13 80	June 20	1 year
Bateman & Bateman, .....	Cedarville, .....	26	103*	33 95	June 20	1 year
Bateman & Blizard, .....	Port Norris, .....	21	119*	40 95	June 20	1 year
Bateman & Burt, .....	Cedarville, .....	22	130	48 65	June 20	1 year
Bateman, Diamant & Elmer, .....	Cedarville, .....	24	194	67 90	June 20	1 year
Bateman & Emerson, .....	Cedarville, .....	24	53	18 55	June 20	1 year
Bateman & Robbins, .....	Port Norris, .....	18	10	3 50	June 20	1 year
Bateman & Swing, .....	Cedarville, .....	25	85	30 10	June 20	1 year
Bateman & Turner, .....	Newport, .....	50	45	15 75	June 20	1 year
Bateman & Welden, .....	Newport, .....	28	37	12 95	June 20	1 year
Berry, Robbins & Campbell, .....	Port Norris, .....	20	51	17 85	June 20	1 year
Berry, Stultz, .....	Port Norris, .....	43	96	33 60	June 20	1 year
Berry, William H., .....	Port Norris, .....	48	32	11 20	June 20	1 year
Berry & Berry, .....	Port Norris, .....	36	76	26 60	June 20	1 year
Bidwell, William, .....	Bivalve, .....	47	10	3 50	June 20	1 year
Blackman, Smith & J. A., .....	Port Norris, .....	44	104	58 45	June 20	1 year
Bluxson, Robert H., .....	Port Norris, .....	41	69	24 15	June 20	1 year
Bornhorst, August, .....	Port Norris, .....	37	77	23 45*	June 20	1 year
Bowker, Chas., .....	Dividing Creek, .....	46	43	15 05	June 20	1 year
Bowker & Bowker, .....	Port Norris, .....	40	86	12 60	June 20	1 year
Bowker, Thomas, .....	Port Norris, .....	10	25	8 75	June 20	1 year
Boyle, James, .....	Millville, .....	38	90*	34 30	June 20	1 year
Bradford, Alford, .....	Newport, .....	17	12	4 20	June 20	1 year
Bradford, Chas. L., .....	Newport, .....	13	97	33 95	June 20	1 year
Bradford, Elwood, .....	Newport, .....	29	16	5 60	June 20	1 year
Bradford, Lucius E., .....	Newport, .....	31	59	20 65	June 20	1 year
Bradford & Vannaman, .....	Mauricetown, .....	14	31	10 85	June 20	1 year
Bradway, C. M., .....	Cape May City, .....	30	8	3 50	June 20	1 year
Brineshults & Mayhew, .....	Cedarville, .....	32	147	60 90	June 20	1 year
Brineshults, Wallen & Fithian, .....	Cedarville, .....	33	15	5 25	June 20	1 year
Brunyate & Schock, .....	Bridgeton, .....	11	70	24 50	June 20	1 year
Burnight, Stites & Stites, .....	Newport, .....	42	20	7 00	June 20	1 year
Buzine & Garrison, .....	Heislerville, .....	35	28	9 80	June 20	1 year
Cain, Ellis L., .....	Port Norris, .....	86	27	9 45	June 20	1 year
Callahan, John R., .....	Millville, .....	66	9	3 50	June 20	1 year
Campbell, Archie, & W. A., .....	Port Norris, .....	58	61	21 00*	June 20	1 year
Campbell, James, Sr., .....	Newport, .....	75	110	37 45*	June 20	1 year
Campbell, James, Jr., .....	Mauricetown, .....	61	122	42 70	June 20	1 year
Campbell, James, & Wilson, A., .....	Newport, .....	73	77	26 95	June 20	1 year
Campbell, Peter, .....	Newport, .....	79	115	41 65	June 20	1 year
Campbell, Sheppard, .....	Newport, .....	84	5	3 50	June 20	1 year
Campbell, Smith, .....	Dividing Creek, .....	59	22	7 70	June 20	1 year
Campbell & Gates, .....	Newport, .....	74	13	5 30	June 20	1 year
Campbell & Husted, .....	Newport, .....	82	43	24 50*	June 20	1 year
Campbell & Mints, .....	Dividing Creek, .....	60	29	10 15	June 20	1 year
Chance, Eli W., .....	Mauricetown, .....	65	105	36 75	June 20	1 year
Chance, John S., .....	Leesburg, .....	72	52	18 20	June 20	1 year
Chew, William V., .....	Port Norris, .....	80	10	3 50	June 20	1 year
Chew, Bateman & Henry, .....	Port Norris, .....	81	48	16 80	June 20	1 year
Clark, John, & Edward, .....	Port Norris, .....	85	13	4 55	June 20	1 year
Cook, J. E., .....	Port Norris, .....	64	179	56 70*	June 20	1 year
Cosier, Lucius E., .....	Newport, .....	78	31	10 85	June 20	1 year

## OYSTER BED LEASES—DELAWARE BAY.—Continued.

NAME.	ADDRESS.	No.	Acree.	Amount.	Date.	Term.
Cosier, Peter C., .....	Newport, .....	70	129	\$47 25*	June 20	1 year
Cosier, William W., .....	Dividing Creek, .....	57	19	6 65	June 20	1 year
Cosier, Cosier, More & Ware, .....	Newport, .....	71	16	5 60	June 20	1 year
Cosier & Gates, .....	Newport, .....	69	34	10 50*	June 20	1 year
Cosier & Husted, .....	Newport, .....	68	26	8 75	June 20	1 year
Cox, Champion H., .....	Leesburg, .....	62	71	24 85	June 20	1 year
Cox, Lilburn, .....	Leesburg, .....	63	52	18 20	June 20	1 year
Cox & Cox, .....	Leesburg, .....	83	23	8 05	June 20	1 year
Cruise, Benjamin B., .....	Mauricetown, .....	77	134	46 90	June 20	1 year
Cruise, David K., .....	Dorchester, .....	76	33	11 55	June 20	1 year
Davis, Charles E., .....	Millville, .....	93	23	8 55	June 20	1 year
Dillalay, Samuel J., .....	Port Norris, .....	95	15	5 25	June 20	1 year
Dodson, Thomas L., .....	Heislerville, .....	94	66	22 05*	June 20	1 year
Donnelly, Lorenzo D., .....	Heislerville, .....	92	32	11 20	June 20	1 year
D'nnely & Donnelly, .....	Heislerville, .....	91	78	27 30	June 20	1 year
Edmonds & Garrison, .....	Port Norris, .....	102	50	17 50	June 20	1 year
Errickson & Compton, .....	Leesburg, .....	103	60	21 00	June 20	1 year
Evans, Joshua J., .....	Leesburg, .....	104	10	3 50	June 20	1 year
Evans, Evans & Evans, .....	Millville, .....	101	84	28 35*	June 20	1 year
Ferguson, Argus S., .....	Leesburg, .....	113	20	7 00	June 20	1 year
Fidler, Chas., .....	Leesburg, .....	112	15	5 25	June 20	1 year
Fidler, Frank, .....	Dennisville, .....	107	23	8 05	June 20	1 year
Fithian & Minch, .....	Bridgeton, .....	108	211	73 85	June 20	1 year
Flynn, John, .....	Camden, .....	110	71	24 85	June 20	1 year
Foster, W. Linwood, .....	Delmont, .....	109	21	7 35	June 20	1 year
Fowler, William E., .....	Port Norris, .....	114	210	54 95*	June 20	1 year
Fowler & Morris, .....	Port Norris, .....	115	13	4 55	June 20	1 year
Gandy, Miles, .....	Cedarville, .....	122	128	44 80	June 20	1 year
Gandy, Ogden, .....	Dennisville, .....	125	11	3 85	June 20	1 year
Gandy & VanGilder, .....	Maurice River, .....	126	96	40 60	June 20	1 year
Garrison, Frank L., .....	Dividing Creek, .....	127	12	4 20	June 20	1 year
Garrison, Joseph, .....	Dividing Creek, .....	124	24	8 40	June 20	1 year
Garrison, Joseph M., .....	Port Norris, .....	128	73	27 30*	June 20	1 year
Gaskill, George, .....	Port Norris, .....	121	58	22 75*	June 20	1 year
Gaskill, Jesse P., .....	Port Norris, .....	129	11	3 85	June 20	1 year
Gaskill, John, .....	Newport, .....	123	157	56 35	June 20	1 year
Carretson & Squawood, .....	Haleyville, .....	130	10	3 50	June 20	1 year
Hagemann, Albert C., .....	Leesburg, .....	164	147	51 45	June 20	1 year
Hager, Sherman, .....	Port Norris, .....	137	82	28 70	June 20	1 year
Haley, Clarence, .....	Mauricetown, .....	142	48	16 80	June 20	1 year
Hand, Constant W., .....	Port Norris, .....	152	39	13 65	June 20	1 year
Hand, Harrison, .....	Port Norris, .....	159	33	9 80*	June 20	1 year
Hand, C. W., & Benj. Berry, .....	Port Norris, .....	147	59	14 70*	June 20	1 year
Hand, C. W., & W. H. Berry, .....	Port Norris, .....	145	215	75 25	June 20	1 year
Hand, Berry & Berry, .....	Port Norris, .....	146	190	66 50	June 20	1 year
Hand & Campbell, .....	Port Norris, .....	149	233	82 25*	June 20	1 year
Hand, C. W., Joslin & Joslin, .....	Port Norris, .....	150	15	5 25	June 20	1 year
Hand & Newell, .....	Leesburg, .....	153	13	4 90*	June 20	1 year
Hanners, McClellan, .....	Newport, .....	155	17	5 95	June 20	1 year
Harrington, Gerald, .....	Port Norris, .....	161	9	3 50	June 20	1 year
Harris, Ephraim, .....	Port Norris, .....	135	26	9 10	June 20	1 year
Harris, John W., .....	Leesburg, .....	141	56	19 60	June 20	1 year
Hearn, Margaret, .....	Port Norris, .....	139	147	51 45	June 20	1 year
Hearn & Co., .....	Maurice River, .....	140	43	15 05	June 20	1 year
Henderson, Lafayette, .....	Leesburg, .....	165	62	21 70	June 20	1 year
Henry & Buzby, .....	Port Norris, .....	160	233	81 55	June 20	1 year
Hettinger & Gaskill, .....	Port Norris, .....	168	15	5 25	June 20	1 year
Hilton, Watson, .....	Mauricetown, .....	138	3	3 50	June 20	1 year
Hinson, Harold E., .....	Mauricetown, .....	143	60	21 00	June 20	1 year
Hinson, William T., .....	Mauricetown, .....	167	13	4 55	June 20	1 year
Hinson & Bateman, .....	Mauricetown, .....	144	163	57 05	June 20	1 year
Hollinger, Harrison, .....	Port Norris, .....	162	27	9 45	June 20	1 year
Holmes, Gilbert, .....	Pierces, .....	166	13	4 55	June 20	1 year
Husted, Howard S., .....	Bridgeton, .....	163	62	21 70	June 20	1 year
Hunter, Aaron S., .....	Haleyville, .....	156	27	9 45	June 20	1 year
Hunter, William C., .....	Haleyville, .....	157	53	18 55	June 20	1 year
Hunter & Hunter, .....	Haleyville, .....	158	9	3 50	June 20	1 year
Ingersoll, Chas. M., .....	Dividing Creek, .....	173	7	3 50	June 20	1 year
Ingersoll & Campbell, .....	Dividing Creek, .....	174	28	9 80	June 20	1 year
Jantsen, Gus, .....	Port Norris, .....	179	26	9 10	June 20	1 year
Jantsen & Hollinger, .....	Port Norris, .....	180	11	3 85	June 20	1 year
Jeffries, Robert, .....	Port Norris, .....	175	28	9 80	June 20	1 year
Jenkins, William, .....	Dividing Creek, .....	181	4	3 50	June 20	1 year

## OYSTER BED LEASES—DELAWARE BAY.—Continued.

NAME.	ADDRESS.	No.	Acreage.	Amount.	Date.	Term.
Johnson, Chas. F.,	Cedarville, .....	178	133	\$46 55	June 20	1 year
Johnson, Chas. W.,	Newport, .....	182	20	7 00	June 20	1 year
Joslin, Benj. S.,	Newport, .....	177	47	16 45	June 20	1 year
Joslin & Moncrief,	Newport, .....	176	25	8 75	June 20	1 year
Joslin, Moncrief, Mulford & Mulford,	Newport, .....	183	35	12 25	June 20	1 year
Ladow, Hammel,	Bridgeton, .....	195	8	3 50	June 20	1 year
Ladow, Sylvanus A.,	Dividing Creek, .....	194	14	4 90	June 20	1 year
Ladow & Bradford,	Newport, .....	185	61	21 35	June 20	1 year
Lake, David R.,	Pleasantville, .....	197	19	6 65	June 20	1 year
Lake, John T.,	Port Norris, .....	189	94	32 90	June 20	1 year
Lake, J. Hammitt,	Port Norris, .....	190	15	5 25	June 20	1 year
Lake, Samuel,	Port Norris, .....	204	24	8 40	June 20	1 year
Lake & Blossom,	Port Norris, .....	151	30	14 00*	June 20	1 year
Lake, Little, Bateman & Bradford,	Port Norris, .....	202	6	3 50	June 20	1 year
Lambert, William A.,	Port Norris, .....	199	20	7 00	June 20	1 year
Land, William H.,	Port Norris, .....	198	87	30 10*	June 20	1 year
Lee, Frank,	Leesburg, .....	203	6	3 50	June 20	1 year
Lee, Harry M.,	Port Norris, .....	192	61	21 35	June 20	1 year
Lee, Maurice R.,	Port Norris, .....	200	35	10 50*	June 20	1 year
Lee, Samuel,	Leesburg, .....	188	32	11 55*	June 20	1 year
Lee & Covert,	Leesburg, .....	191	122	42 70	June 20	1 year
Lord & Tribbet,	Heislerville, .....	186	8	3 50	June 20	1 year
Lore, Lavisa,	Millville, .....	196	28	9 80	June 20	1 year
Lore, N. J.,	Dividing Creek, .....	201	6	3 50	June 20	1 year
Lore & Lore,	Camden, .....	183	149	52 15	June 20	1 year
Lore, Lore & Lore,	Cedarville, .....	187	65	22 75	June 20	1 year
McClain, Chas. G.,	Cedarville, .....	221	22	7 70	June 20	1 year
Meerwald, Augustus J.,	Leesburg, .....	215	36	11 55*	June 20	1 year
More, Robert, Jr.,	Dennisville, .....	212	163	57 05	June 20	1 year
More & More,	Cedarville, .....	210	28	9 80	June 20	1 year
Mulford, A. G. & J. Ralph,	Cedarville, .....	211	60	21 00	June 20	1 year
Mulford, Mulford & Mulford,	Cedarville, .....	209	50	17 50	June 20	1 year
More, Isaac,	Dividing Creek, .....	218	300	105 00	June 20	1 year
More, Samuel K.,	Cedarville, .....	214	10	3 50	June 20	1 year
Mulford, Eph,	Fairton, .....	213	22	7 70	June 20	1 year
Mulford, Mahlin,	Bridgeton, .....	219	14	4 90	June 20	1 year
Mulford & Mulford,	Fairton, .....	218	26	9 10	June 20	1 year
Neal, Joseph D.,	Cedarville, .....	217	468	146 65	June 20	1 year
Newcomb, Adrian B.,	Philadelphia, .....	236	547	191 45	June 20	1 year
Newcomb, Fayette L.,	Newport, .....	225	70	24 50	June 20	1 year
Newcomb, Geo. W. C.,	Port Norris, .....	228	34	11 90	June 20	1 year
Newcomb, Josiah & Daniel L.,	Newport, .....	233	30	10 50	June 20	1 year
Newcomb, Lewis B.,	Port Norris, .....	234	10	2 80*	June 20	1 year
Newcomb, Olin W.,	Cedarville, .....	229	28	9 80	June 20	1 year
Newcomb, Peter F.,	Port Norris, .....	226	37	12 95	June 20	1 year
Newcomb, P. F. & G. W. C.,	Newport, .....	231	124	43 40	June 20	1 year
Newcomb, Theophilus,	Newport, .....	232	38	13 30	June 20	1 year
Newcomb, William B.,	Port Norris, .....	230	61	21 35	June 20	1 year
Nickelson, Henry C.,	Port Norris, .....	227	31	10 85	June 20	1 year
Nieukirk, James P.,	Port Norris, .....	235	21	7 35	June 20	1 year
Nieukirk & Nieukirk,	Camden, .....	239	10	3 50	June 20	1 year
Nieukirk & Nieukirk & Hogate,	Camden, .....	237	19	6 65	June 20	1 year
Ogden, Jeremiah N.,	Camden, .....	238	96	33 60	June 20	1 year
Orr, John H.,	Bridgeton, .....	247	28	9 80	June 20	1 year
Orr, Mark L.,	Dividing Creek, .....	244	48	15 75*	June 20	1 year
Orr & Mints,	Dividing Creek, .....	245	22	7 70	June 20	1 year
Peace, William M.,	Dividing Creek, .....	246	14	4 90	June 20	1 year
Pepper, William M.,	Port Norris, .....	250	70	24 50	June 20	1 year
Pepper, Pepper,	Port Norris, .....	254	70	24 50	June 20	1 year
Peterson & Bateman,	Port Norris, .....	251	166	57 10	June 20	1 year
Peterson, Geo. C.,	Newport, .....	256	56	19 60	June 20	1 year
Peterson, James,	Port Norris, .....	213	7	2 50	June 20	1 year
Pierce, William H.,	Port Norris, .....	258	12	4 20	June 20	1 year
Polhamus & Stowman,	Dorchester, .....	257	43	15 05	June 20	1 year
Polhamus, Zebulon,	Leesburg, .....	255	42	14 70	June 20	1 year
Rahr, David,	Leesburg, .....	282	29	10 15	June 20	1 year
Randolph, Andrew,	Brickboro, .....	280	21	7 35	June 20	1 year
Reed & Robbins,	Port Norris, .....	288	20	7 00	June 20	1 year
Riggin & Riggin,	Port Norris, .....	280	80	31 15*	June 20	1 year
Riggin, Edward M.,	Port Norris, .....	277	106	37 10	June 20	1 year
Riggin, Walter C.,	Port Norris, .....	278	71	27 30	June 20	1 year
Robbins & Campbell,	Port Norris, .....	275	193	67 55	June 20	1 year
Robbins, Campbell & Robbins,	Bivalve, .....	271	31	10 85	June 20	1 year
Robbins & O'Neil,	Newport, .....	272	22	7 70	June 20	1 year

## OYSTER BED LEASES—DELAWARE BAY.—Continued.

NAME.	ADDRESS.	No.	Acreage.	Amount.	Date.	Term.
Robbins, Clarence M.,	Newport, .....	270	95	\$32 55*	June 20	1 year
Robbins, David T.,	Port Norris, .....	273	12	4 20	June 20	1 year
Robbins, David, Jr.,	Port Norris, .....	268	63	23 10	June 20	1 year
Robbins, David, S.,	Port Norris, .....	267	162	58 10*	June 20	1 year
Robbins, Edward C.,	Port Norris, .....	265	37	12 95	June 20	1 year
Robbins, George,	Haleyville, .....	269	124	43 75*	June 20	1 year
Robbins, Henry S.,	Port Norris, .....	263	372	130 20	June 20	1 year
Robbins, Lemuel, & John,	Port Norris, .....	263	15	5 25	June 20	1 year
Robbins, Levi, & Ed. C.,	Port Norris, .....	264	80	28 00	June 20	1 year
Robbins, Mary S.,	Haleyville, .....	266	76	26 60	June 20	1 year
Robbins, Sheppard,	Port Norris, .....	287	41	14 35	June 20	1 year
Robbinson, Silas, Sr.,	Port Norris, .....	274	59	20 65	June 20	1 year
Rogers, Maurice A.,	Dividing Creek, .....	279	28	10 15*	June 20	1 year
Rogers & Rogers,	Camden, .....	283	322	112 70	June 20	1 year
Rogers & Whilden,	Camden, .....	284	300	105 00*	June 20	1 year
Schoch, Geo. Y.,	Camden, .....	285	270	94 50	June 20	1 year
Schoch & Sharp,	Ocean City, .....	298	116	43 75*	June 20	1 year
Schwartz, Cobb & Cobb,	Ocean City, .....	299	75	31 15*	June 20	1 year
Sharp & Polhamus,	Port Norris, .....	327	10	3 50	June 20	1 year
Sharp, Shary & Harris,	Vineyard, .....	328	30	10 50	June 20	1 year
Sharp & Williams,	Leesburg, .....	320	30	10 50	June 20	1 year
Sharp, Levi B.,	Heislerville, .....	329	10	3 50	June 20	1 year
Sharp, Walter L.,	Heislerville, .....	294	9	3 50	June 20	1 year
Sharp, Walter M.,	Port Norris, .....	324	12	4 20	June 20	1 year
Sharp, Zadok R., Jr.,	Bridgeton, .....	326	13	4 55	June 20	1 year
Sharp, Zadok R., Sr.,	Leesburg, .....	311	50	16 80*	June 20	1 year
Sharpless, John,	Leesburg, .....	310	31	10 85	June 20	1 year
Sheppard, Harrison,	Leesburg, .....	309	220	77 00	June 20	1 year
Sheppard, Lewis F.,	Mauricetown, .....	297	261	91 35	June 20	1 year
Sheppard, R. D., & S. Ware,	Cedarville, .....	303	142	49 70	June 20	1 year
Shropshire, Edward,	Newport, .....	306	122	42 70	June 20	1 year
Shull, Bolton A.,	Haleyville, .....	301	84	29 40	June 20	1 year
Shull, Harry,	Dividing Creek, .....	325	6	3 50	June 20	1 year
Shull, John L.,	Newport, .....	314	14	4 90	June 20	1 year
Simms, Benj. W.,	Newport, .....	302	220	77 00	June 20	1 year
Simpkins, Thomas,	Cedarville, .....	305	44	15 40	June 20	1 year
Smith, Asa C., & Seth S.,	Cedarville, .....	321	60	21 00	June 20	1 year
Smith & Sheppard,	Leesburg, .....	313	73	25 55	June 20	1 year
Snell, Warrie H.,	Newport, .....	307	90	31 50	June 20	1 year
Sockwell, Howard W.,	Port Norris, .....	295	10	3 50	June 20	1 year
Stites, E., Jr., & F. L. Garrison,	Port Norris, .....	296	307	107 45	June 20	1 year
Stites, Edmund, Jr.,	Dividing Creek, .....	317	51	19 60*	June 20	1 year
Stites, Edmund & Howard,	Port Norris, .....	315	236	84 00*	June 20	1 year
Stites, Gilbert,	Newport, .....	319	18	6 30	June 20	1 year
Stites & Newcomb,	Dragstore, .....	312	26	8 05*	June 20	1 year
Stites, Stites & Newcomb,	Port Norris, .....	316	13	4 55	June 20	1 year
Sutter, Harry,	Newport, .....	318	135	47 25	June 20	1 year
Sutton, William G.,	Port Norris, .....	330	17	5 95	June 20	1 year
Swank, David,	Bridgeton, .....	323	15	5 25	June 20	1 year
Terry, George N.,	Bivalve, .....	322	6	3 50	June 20	1 year
Terry & Terry,	Dividing Creek, .....	331	22	7 70	June 20	1 year
Terry & Veal,	Dividing Creek, .....	342	22	7 70	June 20	1 year
Townsend, Mark,	Dividing Creek, .....	332	97	33 95	June 20	1 year
Townsend, Stacy,	Port Norris, .....	336	109	38 15	June 20	1 year
Tozour, Chas.,	Leesburg, .....	337	31	10 85	June 20	1 year
Tozour & Foster,	Delmont, .....	338	6	3 50	June 20	1 year
Turner, Edison,	Delmont, .....	339	35	12 25	June 20	1 year
Turner, James A., Jr.,	Dividing Creek, .....	343	3	3 50	June 20	1 year
Turner, Leaming,	Newport, .....	333	11	3 85	June 20	1 year
Turner, Mary,	Dividing Creek, .....	335	44	15 40	June 20	1 year
Veal & Loper,	Newport, .....	334	16	5 60	June 20	1 year
Veal, Moses,	Dividing Creek, .....	348	261	91 00	June 20	1 year
Wallen, Whitaker & Wallen,	Dividing Creek, .....	347	18	5 25	June 20	1 year
Ware, Wilmon,	Fairton, .....	353	200	91 00	June 20	1 year
Webb & Swank,	Newport, .....	357	16	5 80	June 20	1 year
Westcott, Trenhard,	Port Norris, .....	360	9	3 50	June 20	1 year
Whilden & Elmer,	Fairton, .....	354	132	46 20	June 20	1 year
Whilden, Clarence,	Fairton, .....	355	61	21 35	June 20	1 year
Whilden, John H.,	Mauricetown, .....	363	10	3 50	June 20	1 year
Whilden, Somers H.,	Fairton, .....	356	16	5 60	June 20	1 year
Willen, John,	Mauricetown, .....	358	32	11 20	June 20	1 year
Windfohr, Arthur,	Bivalve, .....	362	16	5 60	June 20	1 year
Yates, Hoffman & Robbins,	Bivalve, .....	359	28	8 75*	June 20	1 year
Yates, Lucius E.,	Port Norris, .....	369	188	65 80	June 20	1 year
Yates, Sheppard,	Port Norris, .....	367	270	93 15	June 20	1 year
Yates, Yates & Peterson,	Port Norris, .....	370	20	7 00	June 20	1 year
Yates, Yates & Peterson,	Port Norris, .....	368	104	36 40	June 20	1 year

## Delaware Bay—Boat Licenses.

NAME.	ADDRESS.	No.	Tonn.	Date.	Term.	Amount.
Abbott, Abdon, Jr.	Port Norris	422	10	Mar. 30, 1908.	1 year	\$15 00
Adams, J. Wesley	Port Norris	431	15	Mar. 31, 1908.	1 year	22 50
Alcorn, Samuel	Port Norris	80	10	Apr. 30, 1908.	1 year	15 00
Allen, Edward H.	Bivalve	136	10	Apr. 2, 1908.	1 year	15 00
Anold, James	Fairton	450	33	Mar. 25, 1908.	1 year	49 50
Armstrong, George	Goshen	437	Under	Apr. 30, 1908.	1 year	10 00
Bailey, A. J.	Port Norris	332	21	Apr. 1, 1908.	1 year	31 50
Bailey, David	Port Norris	115	Under	Apr. 1, 1908.	1 year	10 00
Bailey, Lafayette	Dividing Creek	188	16	Apr. 1, 1908.	1 year	24 00
Baker, Edward	Haleyville	77	10	Mar. 30, 1908.	1 year	15 00
Bartison, Ezra	Millville	263	Under	Apr. 26, 1908.	1 year	10 00
Bartison, Frank	Port Norris	278	11	Apr. 30, 1908.	1 year	16 50
Bass, John M.	Newport	198	Under	Apr. 24, 1908.	1 year	19 00
Bass, Smith	Port Norris	312	Under	Apr. 30, 1908.	1 year	10 00
Bateman, Americus	Dividing Creek	459	28	Mar. 29, 1908.	1 year	42 00
Bateman, B. F.	Newport	160	34	Apr. 1, 1908.	1 year	51 00
Bateman, Elmer	Port Norris	156	30	Apr. 4, 1908.	1 year	45 00
Bateman, Lemuel L.	Newport	51	10	Apr. 26, 1908.	1 year	15 00
Bateman, Luther	Newport	272	16	Mar. 27, 1908.	1 year	24 00
Bateman, Moses	Mauricetown	51	16	Mar. 31, 1908.	1 year	24 00
Bateman, William H.	Port Norris	490	11	Apr. 28, 1908.	1 year	16 50
Becket, Clarence	Camden	275	7	Apr. 28, 1908.	1 year	10 50
Bell, John H.	Newport	119	15	Mar. 31, 1908.	1 year	22 50
Berry, Benjamin	Port Norris	158	30	Apr. 5, 1908.	1 year	45 00
Berry, Charles	Port Norris	195	25	Mar. 31, 1908.	1 year	34 50
Berry, Harry	Port Norris	81	24	Mar. 31, 1908.	1 year	36 00
Berry, Henry A.	Port Norris	357	14	Apr. 5, 1908.	1 year	21 00
Berry, John	Port Norris	240	27	Apr. 2, 1908.	1 year	40 50
Berry, Stultz	Port Norris	5	32	Mar. 30, 1908.	1 year	48 00
Berry, William H.	Port Norris	82	32	Apr. 30, 1908.	1 year	48 00
Bidwell, William	Bivalve	286	10	Apr. 1, 1908.	1 year	15 00
Bishop, Charles	Rosenhayn	432	Under	May 1, 1908.	1 year	10 00
Blackman, Smith	Port Norris	213	23	Apr. 11, 1908.	1 year	34 50
Blizzard, Geo. M.	Cedarville	562	10	Apr. 30, 1908.	1 year	15 00
Blizzard, Hiram	Cedarville	429	8	Apr. 30, 1908.	1 year	12 00
Bonham, Lewis	Dividing Creek	256	Under	Apr. 30, 1908.	1 year	16 00
Bornhorst, August	Port Norris	185	15	Mar. 31, 1908.	1 year	22 50
Bornhorst, Henry	Port Norris	391	12	Mar. 28, 1908.	1 year	18 00
Bowker, Charles	Dividing Creek	473	16	Apr. 1, 1908.	1 year	24 00
Bowker, Thomas	Port Norris	194	26	Apr. 23, 1908.	1 year	10 00
Bowmen, Nelson	Dividing Creek	151	Under	Apr. 28, 1908.	1 year	19 50
Boyle, Charles	Millville	389	13	Apr. 28, 1908.	1 year	15 00
Bradford, Alford	Newport	7	10	Apr. 1, 1908.	1 year	15 00
Bradford, Charles L.	Newport	96	35	Apr. 1, 1908.	1 year	52 50
Bradford, Lemuel	Newport	250	26	Apr. 1, 1908.	1 year	39 00
Bradford, Lucius	Newport	61	35	Apr. 24, 1908.	1 year	52 50
Brineshults, John M.	Cedarville	316	25	Sept. 15, 1908.	1 year	37 50
Bunell, Daniel	Cedarville	175	7	May 9, 1908.	1 year	10 50
Burnight, George	Newport	183	11	Mar. 31, 1908.	1 year	16 50
Burns, Jacob	Dividing Creek	249	Under	Apr. 29, 1908.	1 year	10 00
Burt, George	Cedarville	25	24	May 27, 1908.	1 year	36 00
Buck, C. George	House, Cape May Co., Court	414	20	Apr. 29, 1908.	1 year	30 00
Cain, Ellis	Port Norris	180	16	Mar. 31, 1908.	1 year	24 00
Campbell, Archie	Port Norris	110	19	Mar. 24, 1908.	1 year	28 50
Campbell, Clement L.	Newport	107	35	Apr. 5, 1908.	1 year	52 50
Campbell, James	Mauricetown	129	23	Apr. 30, 1908.	1 year	34 50
Campbell, Harry O.	Newport	372	11	Mar. 23, 1908.	1 year	16 50
Campbell, Peter	Newport	227	34	Apr. 19, 1908.	1 year	51 00
Campbell, Philip F.	Newport	479	16	Mar. 31, 1908.	1 year	24 00
Campbell, Sheppard	Newport	168	9	Apr. 11, 1908.	1 year	13 50
Campbell, Smith	Dividing Creek	384	12	Mar. 24, 1908.	1 year	18 00
Campbell, Stetson L.	Port Norris	426	26	Apr. 5, 1908.	1 year	39 00
Campbell, Walter	Port Norris	199	24	Apr. 1, 1908.	1 year	36 00
Campbell, Wilson A.	Newport	218	32	Apr. 1, 1908.	1 year	48 00
Carey, James	Camden	492	26	Mar. 24, 1908.	1 year	39 00
Chance, EH W.	Mauricetown	325	25	Apr. 28, 1908.	1 year	37 50
Chance, John S.	Leesburg	488	11	Mar. 29, 1908.	1 year	16 50

## DELAWARE BAY—BOAT LICENSES—Continued.

NAME.	ADDRESS.	No.	Tonn.	Date.	Term.	Amount.
Chew, William V.	Port Norris	187	15	Apr. 20, 1908.	1 year	\$22 50
Clark, John	Port Norris	262	12	Jan. 1, 1908.	1 year	18 00
Clark, John S.	Cedarville	299	Under	Apr. 30, 1908.	1 year	10 00
Clark, Ralph A.	Newport	346	11	Apr. 7, 1908.	1 year	16 50
Clark, William	Bivalve	117	7	Apr. 28, 1908.	1 year	10 50
Coff, James	Port Norris	120	8	Apr. 28, 1908.	1 year	12 00
Coff, Henry	Fairton	388	29	Apr. 1, 1908.	1 year	43 50
Collins, Isaac C.	Mauricetown	361	9	Apr. 27, 1908.	1 year	13 50
Conahay, George	Port Norris	212	12	Mar. 31, 1908.	1 year	21 00
Corson, Champion	Cedarville	178	7	Apr. 1, 1908.	1 year	18 00
Corson, Robert	Fairton	158	25	Apr. 30, 1908.	1 year	10 50
Corson, William	Leesburg	153	25	Apr. 4, 1908.	1 year	37 50
Cosier, Lucius E.	Newport	75	26	Mar. 31, 1908.	1 year	39 00
Cosier, William W.	Dividing Creek	408	14	Apr. 5, 1908.	1 year	21 00
Covert, Charles A.	Leesburg	411	15	Apr. 2, 1908.	1 year	21 00
Cox, Champion H.	Leesburg	427	14	Apr. 1, 1908.	1 year	22 50
Cox, Lilburn	Leesburg	150	18	Sept. 2, 1908.	1 year	27 00
Crossley, George E.	Newport	197	8	Apr. 24, 1908.	1 year	12 00
Cruise, Benjamin B.	Mauricetown	191	27	Apr. 1, 1908.	1 year	40 50
Cruise, David K.	Dorchester	322	12	Mar. 31, 1908.	1 year	18 00
Daniels, David	Bridgeton	34	30	Mar. 22, 1908.	1 year	45 00
Davis, Eli	Fairton	130	32	Apr. 9, 1908.	1 year	48 00
Davis, William E.	Camden	380	25	Apr. 23, 1908.	1 year	37 00
Diament, William A.	Cedarville	32	22	Sept. 23, 1908.	1 year	33 00
Dillahay, Robert	Port Norris	89	25	Apr. 1, 1908.	1 year	37 50
Dillahay, Samuel	Port Norris	39	Under	Mar. 31, 1908.	1 year	37 50
Dillahay, William	Port Norris	304	Under	Apr. 30, 1908.	1 year	10 00
Dodson, Thomas L.	Leesburg	386	12	Mar. 31, 1908.	1 year	12 00
Dolson, Ferdinand	Cedarville	103	Under	Apr. 30, 1908.	1 year	10 00
Donnelly, John	Port Norris	379	Under	June 3, 1908.	1 year	10 00
Donnelly, Lorenzo	Heislerville	135	24	Apr. 27, 1908.	1 year	36 00
Eagan, John	Port Norris	161	42	Apr. 15, 1908.	1 year	63 00
Earl, Thomas	Port Norris	303	14	Mar. 31, 1908.	1 year	21 00
Emerson, Horatio	Cedarville	268	11	Apr. 27, 1908.	1 year	16 50
Errickson, Samuel	Leesburg	38	22	Oct. 23, 1908.	1 year	33 00
Evans, Edward	Millville	154	20	Apr. 1, 1908.	1 year	30 00
Fidler, Frank	Millville	516	11	Mar. 30, 1908.	1 year	16 50
Fidler, William L.	Leesburg	100	38	Apr. 30, 1908.	1 year	57 00
Fisher, Charles	Port Norris	335	23	May 1, 1908.	1 year	34 50
Fisher, Jacob	Port Norris	57	18	Apr. 1, 1908.	1 year	27 00
Fisher, John	Port Norris	70	14	Apr. 1, 1908.	1 year	21 00
Fithian, B. J.	Greenwich	169	10	Apr. 1, 1908.	1 year	15 00
Foster, Charles	Fairton	243	Under	Apr. 1, 1908.	1 year	10 00
Foster, Linwood W.	Delmont	281	13	Apr. 1, 1908.	1 year	19 50
Gandy, Ephraim	Dividing Creek	128	Under	Apr. 29, 1908.	1 year	10 00
Gandy, Miles	Cedarville	88	28	Apr. 1, 1908.	1 year	42 00
Garretson, Samuel H.	Haleyville	397	10	Apr. 1, 1908.	1 year	15 00
Garrison, Charles	Port Norris	105	34	Apr. 11, 1908.	1 year	51 00
Garrison, Daniel C.	Heislerville	285	Under	Apr. 1, 1908.	1 year	10 00
Garrison, Frank L.	Dividing Creek	358	26	Mar. 31, 1908.	1 year	39 00
Garrison, Joseph	Dividing Creek	235	10	Apr. 1, 1908.	1 year	15 00
Garrison, Powell, Jr.	Dividing Creek	90	7	Mar. 14, 1908.	1 year	10 50
Garrison, Powell, Sr.	Dividing Creek	382	Under	Apr. 25, 1908.	1 year	10 00
Garrison, Richard	Port Norris	170	13	Apr. 1, 1908.	1 year	19 50
Gaskill, George	Port Norris	439	23	Mar. 30, 1908.	1 year	34 50
Gaskill, Jesse P.	Port Norris	458	27	Apr. 1, 1908.	1 year	40 50
Gaskill, Linwood	Port Norris	279	34	Apr. 30, 1908.	1 year	51 00
Gates, Harry A.	Newport	241	26	Mar. 29, 1908.	1 year	39 00
Gates, James	Newport	341	25	Apr. 6, 1908.	1 year	37 50
Gibson, Joseph	Port Norris	101	7	Apr. 1, 1908.	1 year	10 50
Gibson, Luke	Fairton	371	Under	May 1, 1908.	1 year	10 00
Godown, Frank	Cedarville	560	Under	Apr. 30, 1908.	1 year	10 00
Goff, Oliver	Heislerville	210	20	Mar. 31, 1908.	1 year	30 00
Green, Samuel	Port Norris	132	9	Apr. 28, 1908.	1 year	13 50
Heger, Sherman	Port Norris	64	15	Mar. 22, 1908.	1 year	22 50
Haggerty, Harry	Greenwich	99	35	Apr. 24, 1908.	1 year	52 50
Haley, Clarence	Mauricetown	269	14	May 1, 1908.	1 year	21 00

## DELAWARE BAY—BOAT LICENSES—Continued.

NAME.	ADDRESS.	No.	Tonn.	Date.	Term.	Amount.
Hall, Bertram, . . . . .	Beverly, . . . . .	373	Under	Apr. 30, 1908, . . .	1 year	\$10 00
Hand, Harrison, . . . . .	Port Norris, . . . . .	229	16	Mar. 31, 1908, . . .	1 year	24 00
Hand, Howard, . . . . .	Port Norris, . . . . .	441	18	Apr. 29, 1908, . . .	1 year	27 00
Hand, Leonard C., . . . . .	Port Norris, . . . . .	259	14	Mar. 29, 1908, . . .	1 year	21 00
Hand, Woodruff, . . . . .	Mays Landing, . . . . .	257	11	Apr. 21, 1908, . . .	1 year	16 50
Hanners, John, . . . . .	Newport, . . . . .	62	21	Jan. 1, 1908, . . . . .	1 year	49 50
Hanners, John, . . . . .	Newport, . . . . .	300	33	Jan. 1, 1908, . . . . .	1 year	49 50
Hanners, McClellan, . . . . .	Newport, . . . . .	206	14	Mar. 30, 1908, . . .	1 year	21 00
Hanners, McClellan, . . . . .	Newport, . . . . .	421	Scow	May 1, 1908, . . . . .	1 year	5 00
Hannon, Otto, . . . . .	Cedarville, . . . . .	98	7	Apr. 25, 1908, . . .	1 year	10 00
Harker, Mahlon, . . . . .	Cedarville, . . . . .	126	Under	Mar. 24, 1908, . . .	1 year	10 00
Harrington, Gerald, . . . . .	Bivalve, . . . . .	298	Under	Apr. 10, 1908, . . .	1 year	10 00
Harris, Ephraim, . . . . .	Port Norris, . . . . .	265	8	Mar. 25, 1908, . . .	1 year	12 00
Harris, John W., Jr., . . . . .	Leesburg, . . . . .	143	21	Apr. 17, 1908, . . .	1 year	31 50
Harris, John W., Sr., . . . . .	Leesburg, . . . . .	465	16	Mar. 31, 1908, . . .	1 year	24 00
Harris, William, . . . . .	Port Norris, . . . . .	46	12	Apr. 1, 1908, . . . . .	1 year	18 00
Hawn, George, . . . . .	Leesburg, . . . . .	344	14	Apr. 8, 1908, . . . . .	1 year	21 00
Henderson, Edw. L., . . . . .	Millville, . . . . .	500	Under	May 2, 1908, . . . . .	1 year	10 00
Henderson, Thomas, . . . . .	Leesburg, . . . . .	374	10	May 1, 1908, . . . . .	1 year	15 00
Henderson, William L., . . . . .	Leesburg, . . . . .	8	17	Apr. 1, 1908, . . . . .	1 year	25 00
Hickman, Isaac, . . . . .	Port Norris, . . . . .	33	28	Oct. 25, 1908, . . .	1 year	42 00
Hignut, Frank, . . . . .	Port Norris, . . . . .	79	31	Apr. 1, 1908, . . . . .	1 year	46 00
Hignut, Vincent, . . . . .	Port Norris, . . . . .	405	16	Sept. 1, 1908, . . . . .	1 year	15 00
Hiles & George, . . . . .	Haleyville, . . . . .	91	10	Apr. 1, 1908, . . . . .	1 year	15 00
Hillman, Charles, . . . . .	Leesburg, . . . . .	501	13	Apr. 1, 1908, . . . . .	1 year	19 50
Hilton, Watson, . . . . .	Pleasantville, . . . . .	412	16	Mar. 26, 1908, . . .	1 year	24 00
Hinson, Harold E., . . . . .	Mauricetown, . . . . .	403	15	Mar. 31, 1908, . . .	1 year	22 50
Hinson, Wm. T., . . . . .	Mauricetown, . . . . .	321	8	Apr. 29, 1908, . . .	1 year	12 00
Hoffman, Sllas, . . . . .	Port Norris, . . . . .	155	33	Apr. 28, 1908, . . .	1 year	49 50
Hollinger, Harrison, . . . . .	Port Norris, . . . . .	244	16	Apr. 1, 1908, . . . . .	1 year	24 00
Hollingshead, John, . . . . .	Leesburg, . . . . .	162	14	Mar. 31, 1908, . . .	1 year	21 00
Holmes, Gilbert, . . . . .	Cape May, . . . . .	585	17	Apr. 24, 1908, . . .	1 year	25 50
Howell, William, . . . . .	Millville, . . . . .	293	25	Jan. 1, 1908, . . . . .	1 year	37 50
Hunter, Aaron S., . . . . .	Haleyville, . . . . .	216	10	Apr. 1, 1908, . . . . .	1 year	15 00
Hunter, Aaron S., . . . . .	Haleyville, . . . . .	3	3	Sept. 1, 1908, . . .	1 year	22 50
Husted, Quincy C., . . . . .	Newport, . . . . .	118	21	Apr. 1, 1908, . . . . .	1 year	27 00
Husted, William, . . . . .	Newport, . . . . .	133	18	Apr. 1, 1908, . . . . .	1 year	21 00
Jeffries, Robert, . . . . .	Port Norris, . . . . .	323	14	Apr. 27, 1908, . . .	1 year	13 50
Jenkins, Samuel, . . . . .	Dividing Creek, . . . . .	271	9	Apr. 29, 1908, . . .	1 year	10 00
Jenkins, William, . . . . .	Dividing Creek, . . . . .	532	Under	Apr. 30, 1908, . . .	1 year	16 50
Johnson, Charles, . . . . .	Newport, . . . . .	376	11	Mar. 31, 1908, . . .	1 year	16 50
Johnson, Charles F., . . . . .	Cedarville, . . . . .	71	18	Nov. 1, 1908, . . . . .	1 year	13 50
Johnson, George W., . . . . .	Green Creek, . . . . .	274	16	Apr. 29, 1908, . . .	1 year	49 50
Joslin, Benjamin S., . . . . .	Newport, . . . . .	144	33	Apr. 1, 1908, . . . . .	1 year	49 50
Joslin, Harrison, . . . . .	Newport, . . . . .	69	30	Apr. 1, 1908, . . . . .	1 year	45 00
Joslin, Zephaniah, Sr., . . . . .	Newport, . . . . .	56	9	Mar. 30, 1908, . . .	1 year	13 50
Joslin, Zephaniah, Jr., . . . . .	Newport, . . . . .	53	Under	Apr. 28, 1908, . . .	1 year	10 00
Ladlow, Samuel H., . . . . .	Port Norris, . . . . .	179	12	Apr. 19, 1908, . . .	1 year	18 00
Ladlow, Sylvanus A., . . . . .	Dividing Creek, . . . . .	365	8	Mar. 15, 1908, . . .	1 year	12 00
Lake, John T., . . . . .	Port Norris, . . . . .	165	23	Mar. 29, 1908, . . .	1 year	34 50
Lake, Samuel C., . . . . .	Port Norris, . . . . .	583	13	Apr. 1, 1908, . . . . .	1 year	19 50
Land, William H., . . . . .	Port Norris, . . . . .	166	19	Apr. 28, 1908, . . .	1 year	28 50
Leach, William, . . . . .	Mauricetown, . . . . .	52	20	Jan. 1, 1908, . . . . .	1 year	30 00
Lee, Daniel, . . . . .	Leesburg, . . . . .	296	12	Mar. 29, 1908, . . .	1 year	18 00
Eee, Harry M., . . . . .	Port Norris, . . . . .	207	24	Mar. 28, 1908, . . .	1 year	36 00
Lee, Maurice R., . . . . .	Port Norris, . . . . .	223	15	Apr. 21, 1908, . . .	1 year	22 50
Lee, Samuel, . . . . .	Leesburg, . . . . .	267	12	Mar. 27, 1908, . . .	1 year	18 00
Lee, Samuel M., . . . . .	Fairton, . . . . .	85	8	Apr. 30, 1908, . . .	1 year	12 00
Lee, Steelman R., . . . . .	Leesburg, . . . . .	221	33	Jan. 1, 1908, . . . . .	1 year	49 50
Lilliston, Thomas, . . . . .	Leesburg, . . . . .	186	42	Apr. 20, 1908, . . .	1 year	63 00
Lodge, James, . . . . .	Greenwich, . . . . .	121	27	Apr. 2, 1908, . . . . .	1 year	40 50
Loper, Beriah, . . . . .	Dividing Creek, . . . . .	21	35	Jan. 2, 1908, . . . . .	1 year	52 50
Lord, Harry, . . . . .	Heislerville, . . . . .	163	9	Apr. 1, 1908, . . . . .	1 year	13 50
Lore, Addie, . . . . .	Newport, . . . . .	174	40	Apr. 23, 1908, . . .	1 year	60 00
Lore, Clement, . . . . .	Newport, . . . . .	68	16	Apr. 30, 1908, . . .	1 year	24 00
Lore, George T., . . . . .	Newport, . . . . .	222	10	Apr. 24, 1908, . . .	1 year	15 00
Lore, U. S. Grant, . . . . .	Cedarville, . . . . .	37	27	Jan. 1, 1908, . . . . .	1 year	40 50

## DELAWARE BAY—BOAT LICENSES—Continued.

NAME.	ADDRESS.	No.	Tonn.	Date.	Term.	Amount.
Loyd, George, . . . . .	Heislerville, . . . . .	400	16	Mar. 29, 1908, . . .	1 year	\$24 00
Lynch, Philip, . . . . .	Camden, . . . . .	519	27	Mar. 23, 1908, . . .	1 year	40 50
Mathis, Thomas S., . . . . .	Bivalve, . . . . .	254	Under	Apr. 29, 1908, . . .	1 year	10 00
Mason, George, . . . . .	Camden, . . . . .	152	33	Apr. 2, 1908, . . . . .	1 year	49 50
McClain, Chas. G., . . . . .	Leesburg, . . . . .	87	13	Jan. 1, 1908, . . . . .	1 year	34 50
McDaniels, Howard, . . . . .	Leesburg, . . . . .	354	21	Apr. 1, 1908, . . . . .	1 year	19 50
McDaniels, John, . . . . .	Port Norris, . . . . .	588	21	Apr. 29, 1908, . . .	1 year	31 50
McQuigan, Benjamin, . . . . .	Cedarville, . . . . .	173	Scow	Apr. 29, 1908, . . .	1 year	5 00
Meers, Frank, . . . . .	Camden, . . . . .	392	23	Mar. 19, 1908, . . .	1 year	34 50
Meerswald, Augustus, . . . . .	Dennisville, . . . . .	108	24	Mar. 20, 1908, . . .	1 year	27 00
Meiler, John, . . . . .	Camden, . . . . .	106	27	Apr. 30, 1908, . . .	1 year	40 50
Melson, George, . . . . .	Camden, . . . . .	45	25	Apr. 1, 1908, . . . . .	1 year	37 50
Moffett, James, . . . . .	Camden, . . . . .	233	Under	Apr. 26, 1908, . . .	1 year	10 00
Moore, Isaac, . . . . .	Dividing Creek, . . . . .	202	10	Mar. 29, 1908, . . .	1 year	15 00
Moore, Oscar, . . . . .	Port Norris, . . . . .	9	25	Apr. 3, 1908, . . . . .	1 year	37 50
Moore, Thomas, . . . . .	Port Norris, . . . . .	41	Under	Apr. 29, 1908, . . .	1 year	10 00
Moore, William, . . . . .	Cedarville, . . . . .	94	45	Mar. 25, 1908, . . .	1 year	67 50
Morris, Thomas E., . . . . .	Greenwich, . . . . .	10	21	Apr. 1, 1908, . . . . .	1 year	31 50
Mulford, Albert G., . . . . .	Cedarville, . . . . .	116	20	Apr. 4, 1908, . . . . .	1 year	30 00
Mulford, Elmer, . . . . .	Bridgeton, . . . . .	209	33	Mar. 28, 1908, . . .	1 year	49 50
Mulford, Ernest L., . . . . .	Cedarville, . . . . .	124	10	Apr. 30, 1908, . . .	1 year	15 00
Mulford, Mahlon, . . . . .	Fairton, . . . . .	239	31	Apr. 1, 1908, . . . . .	1 year	46 50
Mullen, John T., . . . . .	Camden, . . . . .	377	25	Mar. 29, 1908, . . .	1 year	37 50
Newcomb, Adrain B., . . . . .	Newport, . . . . .	20	12	Mar. 25, 1908, . . .	1 year	18 00
Newcomb, Daniel L., . . . . .	Port Norris, . . . . .	35	35	Mar. 26, 1908, . . .	1 year	52 50
Newcomb, Edward, . . . . .	Greenwich, . . . . .	317	30	Mar. 22, 1908, . . .	1 year	45 00
Newcomb, Geo. M. D., . . . . .	Newport, . . . . .	306	33	Sept. 17, 1908, . . .	1 year	15 00
Newcomb, Geo. W. C., . . . . .	Newport, . . . . .	475	10	Mar. 26, 1908, . . .	1 year	15 00
Newcomb, Lewis B., . . . . .	Cedarville, . . . . .	97	18	Mar. 25, 1908, . . .	1 year	27 00
Newcomb, Theophilus, . . . . .	Port Norris, . . . . .	26	43	Apr. 2, 1908, . . . . .	1 year	64 50
Newcomb, William B., . . . . .	Newport, . . . . .	167	14	Apr. 1, 1908, . . . . .	1 year	21 00
Nickelson, Henry, . . . . .	Port Norris, . . . . .	4	10	Apr. 1, 1908, . . . . .	1 year	15 00
Nickerson, Ernest, . . . . .	Port Norris, . . . . .	234	Under	Apr. 30, 1908, . . .	1 year	10 00
Nickerson, Joshua, . . . . .	Port Norris, . . . . .	102	32	Apr. 30, 1908, . . .	1 year	48 00
Ogden, Columbus, . . . . .	Cedarville, . . . . .	140	14	Mar. 30, 1908, . . .	1 year	21 00
O'Hara, Harry, . . . . .	Port Norris, . . . . .	187	18	Mar. 31, 1908, . . .	1 year	27 00
O'Neil, Robert, . . . . .	Port Norris, . . . . .	92	27	Apr. 20, 1908, . . .	1 year	40 50
Orr, John H., . . . . .	Dividing Creek, . . . . .	351	10	Mar. 22, 1908, . . .	1 year	15 00
Orr, Mark, . . . . .	Dividing Creek, . . . . .	406	16	Apr. 1, 1908, . . . . .	1 year	24 00
Pepper, Frank, . . . . .	Port Norris, . . . . .	6	21	Apr. 3, 1908, . . . . .	1 year	31 50
Pepper, Jacob, . . . . .	Dividing Creek, . . . . .	104	10	Apr. 23, 1908, . . .	1 year	15 00
Pepper, John, . . . . .	Bivalve, . . . . .	47	12	Apr. 1, 1908, . . . . .	1 year	18 00
Perry, David, . . . . .	Bivalve, . . . . .	177	17	Apr. 30, 1908, . . .	1 year	25 50
Perry, William, . . . . .	Port Norris, . . . . .	55	21	Apr. 3, 1908, . . . . .	1 year	31 50
Peterson, Charles S., . . . . .	Newport, . . . . .	255	28	Sept. 19, 1908, . . .	1 year	42 00
Peterson, George C., . . . . .	Newport, . . . . .	399	Under	Apr. 30, 1908, . . .	1 year	10 00
Peterson, George S., . . . . .	Newport, . . . . .	318	21	Apr. 3, 1908, . . . . .	1 year	31 50
Peterson, James, . . . . .	Port Norris, . . . . .	200	44	Apr. 3, 1908, . . . . .	1 year	66 00
Peterson, John, . . . . .	Greenwich, . . . . .	49	26	Apr. 1, 1908, . . . . .	1 year	39 00
Peterson, John C., . . . . .	Port Norris, . . . . .	43	18	Apr. 12, 1908, . . .	1 year	27 00
Peterson, William, . . . . .	Port Norris, . . . . .	48	Under	Apr. 28, 1908, . . .	1 year	10 00
Petit, Charles, . . . . .	Bivalve, . . . . .	375	24	Apr. 30, 1908, . . .	1 year	36 00
Phillips, George, . . . . .	Port Norris, . . . . .	298	36	Mar. 19, 1908, . . .	1 year	54 00
Pickering, Geo., . . . . .	Camden, . . . . .	310	15	Mar. 31, 1908, . . .	1 year	22 50
Pierce, John, . . . . .	Dorchester, . . . . .	451	8	Apr. 23, 1908, . . .	1 year	12 00
Pierce, John, . . . . .	Dorchester, . . . . .	181	7	Apr. 29, 1908, . . .	1 year	10 50
Pierce, William, . . . . .	Dorchester, . . . . .	203	24	Mar. 28, 1908, . . .	1 year	36 00
Polhamus, B. F., . . . . .	Leesburg, . . . . .	93	22	Apr. 1, 1908, . . . . .	1 year	33 00
Polhamus, Jos. G., . . . . .	Vineland, . . . . .	388	12	Apr. 7, 1908, . . . . .	1 year	18 00
Polhamus, Zebulon, . . . . .	Leesburg, . . . . .	314	14	Apr. 14, 1908, . . .	1 year	21 00
Rahr, David, . . . . .	Bricksboro, . . . . .	159	12	Apr. 30, 1908, . . .	1 year	18 00
Randolph, Andrew, . . . . .	Port Norris, . . . . .	530	9	Apr. 4, 1908, . . . . .	1 year	13 50
Randolph, George, . . . . .	Leesburg, . . . . .	320	16	Mar. 25, 1908, . . .	1 year	24 00
Reed, John, . . . . .	Port Norris, . . . . .	251	18	Apr. 1, 1908, . . . . .	1 year	27 00
Rice, William, . . . . .	Camden, . . . . .	394	14	Apr. 2, 1908, . . . . .	1 year	21 00
Riggin, Charles M., . . . . .	Port Norris, . . . . .	109	33	Apr. 1, 1908, . . . . .	1 year	49 50
Riggin, Edward M., . . . . .	Port Norris, . . . . .					
Riggin, Walter C., . . . . .	Port Norris, . . . . .					

## DELAWARE BAY—BOAT LICENSES—Continued.

NAME.	ADDRESS.	No.	Tonn.	Date.	Term.	Amount.
Risley, Curtis, .....	Pleasantville, .....	416	19	Mar. 26, 1908, .....	1 year	\$28 50
Robbins, Clarence M., .....	Port Norris, .....	60	33	Apr. 28, 1908, .....	1 year	49 50
Robbins, David, Jr., .....	Port Norris, .....	237	23	Apr. 1, 1908, .....	1 year	34 50
Robbins, David, Sr., .....	Port Norris, .....	172	35	Mar. 28, 1908, .....	1 year	52 50
Robbins, Edward C., .....	Haleyville, .....	125	16	Apr. 7, 1908, .....	1 year	24 00
Robbins, Frank, .....	Port Norris, .....	366	16	Mar. 31, 1908, .....	1 year	24 00
Robbins, George, .....	Port Norris, .....	50	26	Apr. 1, 1908, .....	1 year	39 00
Robbins, Joseph, .....	Port Norris, .....	343	9	Apr. 8, 1908, .....	1 year	13 50
Robbins, Levi, .....	Port Norris, .....	345	18	Apr. 8, 1908, .....	1 year	27 00
Robbins, Richard, .....	Newport, .....	225	Under	May 20, 1908, .....	1 year	10 00
Robbinson, Silas, .....	Dividing Creek, .....	58	13	Mar. 31, 1908, .....	1 year	19 50
Rocks, William, .....	Camden, .....	559	48	Apr. 26, 1908, .....	1 year	72 00
Rowley, L. Bates, .....	Port Norris, .....	146	13	Apr. 3, 1908, .....	1 year	19 50
Sayre, George, .....	Bivalve, .....	352	18	Apr. 1, 1908, .....	1 year	27 00
Scott, Benoni, .....	Newport, .....	297	14	Mar. 31, 1908, .....	1 year	21 00
Scull, Joseph M., .....	Leesburg, .....	220	9	Apr. 30, 1908, .....	1 year	13 50
Sears, William, .....	Newport, .....	208	10	Mar. 31, 1908, .....	1 year	15 00
Sharp, Albert, .....	Haleyville, .....	27	10	Apr. 1, 1908, .....	1 year	15 00
Sharp, Halleck, .....	Dorchester, .....	407	Under	Apr. 26, 1908, .....	1 year	10 00
Sharp, John T., .....	Port Norris, .....	315	21	Mar. 22, 1908, .....	1 year	31 50
Sharp, John W., .....	Leesburg, .....	418	13	Mar. 26, 1908, .....	1 year	19 50
Sharp, Walter L., .....	Port Norris, .....	164	18	Apr. 12, 1908, .....	1 year	27 00
Sharp, Zadok, Jr., .....	Leesburg, .....	147	13	Apr. 1, 1908, .....	1 year	19 50
Sharpless, John, .....	Leesburg, .....	468	20	Mar. 30, 1908, .....	1 year	23 50
Sharpless, Maurice, .....	Leesburg, .....	268	17	Apr. 1, 1908, .....	1 year	23 50
Shaw, George, .....	Dorchester, .....	205	21	Sept. 1, 1908, .....	1 year	48 00
Sheppard, Harrison, .....	Mauricetown, .....	337	32	Apr. 1, 1908, .....	1 year	10 00
Sheppard, Ivey, .....	Dividing Creek, .....	301	Under	Apr. 26, 1908, .....	1 year	10 00
Sheppard, Lewis F., .....	Cedarville, .....	23	32	Nov. 13, 1908, .....	1 year	48 00
Sheppard, S. Ware, .....	Newport, .....	86	43	Oct. 22, 1908, .....	1 year	64 50
Shropshire, Charles, .....	Mauricetown, .....	281	Under	Mar. 25, 1908, .....	1 year	10 00
Shropshire, Edward, .....	Haleyville, .....	122	32	Apr. 11, 1908, .....	1 year	48 00
Shull, Burt, .....	Dividing Creek, .....	22	9	Mar. 29, 1908, .....	1 year	13 50
Shull, Harry, .....	Newport, .....	340	14	Mar. 24, 1908, .....	1 year	21 00
Shull, John L., .....	Newport, .....	74	24	Apr. 1, 1908, .....	1 year	36 00
Simms, Benjamin, .....	Cedarville, .....	95	15	Apr. 8, 1908, .....	1 year	22 50
Simpkins, Lawrence, .....	Cedarville, .....	19	19	Apr. 13, 1908, .....	1 year	28 50
Simpkins, Thomas, .....	Cedarville, .....	127	14	Mar. 27, 1908, .....	1 year	21 00
Smith, Asa S. C., .....	Leesburg, .....	149	13	Apr. 15, 1908, .....	1 year	19 50
Smith, Henry, .....	Newport, .....	215	33	Mar. 22, 1908, .....	1 year	49 50
Smith, Seth, .....	Leesburg, .....	302	14	Mar. 31, 1908, .....	1 year	21 00
Snell, Warrie H., .....	Port Norris, .....	114	10	Apr. 1, 1908, .....	1 year	15 00
Sockwell, Howard W., .....	Port Norris, .....	84	36	Apr. 28, 1908, .....	1 year	64 00
Solomon, Allie, .....	Dividing Creek, .....	123	Under	Apr. 30, 1908, .....	1 year	10 00
Spence, Walter, .....	Delmont, .....	113	18	Mar. 28, 1908, .....	1 year	27 00
Spencer, Elmer, .....	Newport, .....	290	Under	Mar. 28, 1908, .....	1 year	10 00
Stiles, H. J., .....	Belle Plain, .....	362	Under	Apr. 30, 1908, .....	1 year	10 00
Stirling, Edward, .....	Camden, .....	178	29	Apr. 5, 1908, .....	1 year	43 50
Stites, Gilbert, .....	Dragston, .....	217	15	Apr. 5, 1908, .....	1 year	22 50
Stites, John, .....	Dragston, .....	214	12	Apr. 1, 1908, .....	1 year	18 00
Stites, Nathan, .....	Dorchester, .....	192	7	Apr. 22, 1908, .....	1 year	10 50
Sutter, Harry, .....	Port Norris, .....	231	10	Apr. 30, 1908, .....	1 year	15 00
Sutter, Jacob, .....	Port Norris, .....	78	10	Apr. 1, 1908, .....	1 year	15 00
Sutter, William, .....	Port Norris, .....	330	15	Apr. 30, 1908, .....	1 year	22 50
Sutton, Clarence M., .....	Bridgeton, .....	30	25	Mar. 19, 1908, .....	1 year	37 50
Sutton, Ernest, .....	Bridgeton, .....	283	25	Mar. 26, 1908, .....	1 year	37 50
Sutton, William G., .....	Bridgeton, .....	111	41	Apr. 2, 1908, .....	1 year	61 50
Swank, David, .....	Bivalve, .....	11	Under	Apr. 12, 1908, .....	1 year	10 00
Swing, Leonard, .....	Fairton, .....	15	24	Apr. 18, 1908, .....	1 year	36 00
Tarburton, Elmer, .....	Greenwich, .....	29	41	Apr. 20, 1908, .....	1 year	61 50
Taylor, Osborne D., .....	Port Norris, .....	264	Under	Apr. 29, 1908, .....	1 year	10 00
Terry, William F., .....	Port Norris, .....	485	19	Apr. 16, 1908, .....	1 year	28 50
Towhey, John, .....	Camden, .....	393	34	Apr. 23, 1908, .....	1 year	51 00
Townsend, Stacy, .....	Leesburg, .....	65	11	Apr. 28, 1908, .....	1 year	16 50
Tezour, Charles, .....	Delmont, .....	230	12	Mar. 28, 1908, .....	1 year	18 00
Tullis, Frank A., .....	Newport, .....	228	Under	Apr. 24, 1908, .....	1 year	10 00
Turner, Charles, .....	Newport, .....	134	26	Mar. 22, 1908, .....	1 year	39 00

## DELAWARE BAY—BOAT LICENSES—Continued.

NAME.	ADDRESS.	No.	Tonn.	Date.	Term.	Amount.
Turner, James, .....	Newport, .....	272	16	Mar. 27, 1908, .....	1 year	\$24 00
Turner, Leaming, .....	Dividing Creek, .....	277	18	Apr. 1, 1908, .....	1 year	27 00
Turnpin, Howard, .....	Haleyville, .....	73	Under	Apr. 1, 1908, .....	1 year	10 00
Tweed, John, .....	Greenwich, .....	182	48	Apr. 24, 1908, .....	1 year	72 00
Vail, Jeremiah, .....	Dividing Creek, .....	193	Under	Apr. 23, 1908, .....	1 year	10 00
Vail, William A., .....	Bridgeton, .....	224	27	Apr. 21, 1908, .....	1 year	40 50
Vannaman, Harry R., .....	Millville, .....	270	23	Apr. 29, 1908, .....	1 year	34 50
VanVleit, William, .....	Newport, .....	436	10	Apr. 1, 1908, .....	1 year	15 00
Wallen, David, .....	Fairton, .....	24	18	Mar. 25, 1908, .....	1 year	27 00
Wallen, Henry, .....	Fairton, .....	340	20	Mar. 30, 1908, .....	1 year	30 00
Walls, George, .....	Camden, .....	287	16	Mar. 19, 1908, .....	1 year	24 00
Ware, Wilmon, .....	Newport, .....	28	8	Mar. 25, 1908, .....	1 year	27 00
Warren, Harry, .....	Bridgeton, .....	188	47	Apr. 22, 1908, .....	1 year	70 50
Welden, William H., .....	Newport, .....	211	21	Apr. 1, 1908, .....	1 year	31 50
Westcott, George N., .....	Fairton, .....	145	18	Apr. 1, 1908, .....	1 year	27 00
Whilden, Lewis, .....	Cedarville, .....	561	33	Apr. 1, 1908, .....	1 year	49 50
Whilden, Clarence, .....	Mauricetown, .....	258	10	Mar. 31, 1908, .....	1 year	15 00
Whilden, Frazeur, .....	Leesburg, .....	54	19	Oct. 18, 1908, .....	1 year	28 50
Whilden, George W., .....	Millville, .....	232	Under	Apr. 30, 1908, .....	1 year	10 00
Whilden, John, .....	Fairton, .....	373	11	Apr. 12, 1908, .....	1 year	16 50
Whilden, Somers H., .....	Mauricetown, .....	40	31	Mar. 28, 1908, .....	1 year	46 50
Williams, Whitfield, .....	Heislerville, .....	472	Under	Apr. 9, 1908, .....	1 year	10 00
Wilson, Peter, .....	Bivalve, .....	142	Under	Apr. 30, 1908, .....	1 year	10 00
Windfohr, Arthur, .....	Bivalve, .....	112	13	Apr. 28, 1908, .....	1 year	19 50
Yeager, Harry, .....	Bivalve, .....	273	8	Apr. 29, 1908, .....	1 year	12 00
Young, William H., .....	Bivalve, .....	18	8	Apr. 30, 1908, .....	1 year	12 00
Zimmerman, John, .....	Millville, .....	66	Under	Apr. 30, 1908, .....	1 year	10 00

## Raritan Bay—Oyster Leases.

NAME.	ADDRESS.	No.	Acres.	Amount.	Date.	Term.
Applegate, Elsie M., .....	South Amboy, .....	13	3½	\$3 50	June 20	1 year
Bloodgood, Harry & Edward, .....	South Amboy, .....	17	10	10 00	June 20	1 year
Bloodgood, Napoleon B., .....	South Amboy, .....	10	4	4 00	June 20	1 year
Bloodgood, Robinson & Crawford, .....	South Amboy, .....	14	6	6 00	June 20	1 year
Bloodgood, William H., .....	South Amboy, .....	12	4	4 00	June 20	1 year
Evans, Chas. W., .....	Keyport, .....	16	2¾	3 50	June 20	1 year
Groff, William D., .....	Keyport, .....	1	57½	57 50	June 20	1 year
Hammer, Fred., .....	Keyport, .....	2	29¾	29 75	June 20	1 year
Mason, John W., .....	Keyport, .....	6	14¾	14 75	June 20	1 year
Mason, Lorenzo, .....	Keyport, .....	7	35	35 00	June 20	1 year
Maurer, William, .....	Keyport, .....	9	75½	75 50	June 20	1 year
Post, Fred E., .....	Keyport, .....	8	22½	22 50	June 20	1 year
Post, Garret E., .....	Keyport, .....	3	91¾	91 75	June 20	1 year
Willets & Bloodgood, .....	South Amboy, .....	11	4	4 00	June 20	1 year
Woolley, William E., .....	Keyport, .....	5	182¾	182 75	June 20	1 year

## Boat Licenses—Raritan Bay.

NAME.	ADDRESS.	No.	Tonn.	Date.	Term.	Amount.
Bloodgood, Ed., .....	South Amboy, ....	15		Aug. 11, 1908, ..	1 year	\$5. 00
Hammer, Fred., .....	Keyport, .....	7		July 7, 1908, ..	1 year	5 00
Hammer, Fred., .....	Keyport, .....	6		July 7, 1908, ..	1 year	5 00
Mason, John W., .....	Keyport, .....	20		July 7, 1908, ..	1 year	5 00
Mason, Lorenzo, .....	Keyport, .....	28		July 7, 1908, ..	1 year	5 00
Maurer, William, .....	Keyport, .....	37-38- 39-40		July 7, 1908, ..	1 year	*5 00
Maurer, William, .....	Keyport, .....	23	14	July 7, 1908, ..	1 year	21 00
Post, Fred. E., .....	Keyport, .....	64	Under	July 7, 1908, ..	1 year	10 00
Post, Garret E., .....	Keyport, .....	48-49		July 7, 1908, ..	1 year	*5 00
Willets, Montgomery, .....	South Amboy, ....	14		Aug. 11, 1908, ..	1 year	5 00
Woolley, William E., .....	Keyport, .....	32-33- 34-35		July 7, 1908, ..	1 year	*5 00
Woolley, William E., .....	Keyport, .....	41	18	July 7, 1908, ..	1 year	27 00

\* Each.

## Oyster Bed Leases—Shark River.

NAME.	ADDRESS.	No.	Acres.	Amount.	Date.	Term.
Allgor, Benjamin E.,	New Bedford,	12	1	\$1 25	April 12	1 year
Allgor, Devine,	Como,	44	8	7 50	Aug. 10	1 year
Allgor, Devine,	Como,	48	2	3 00	Sept. 23	1 year
Allgor, Devine,	Como,	61	3	5 50	June 11	1 year
Beers, Arthur, White, Wel-	Bradley Beach,	26	4	5 00	May 16	1 year
den, & Bowd, Willard,	Avon,	36	1	3 00	May 20	1 year
Bennett, Eden,	Avon,	28	1	25	May 16	1 year
Bennett, Edwin F.,	Avon,	71	1	3 00	May 21	1 year
Bennett, Elim F.,	Avon,	66	2	1 00	Sept. 21	1 year
Bennett, Franklin E.,	Avon,	64	2	6 00	Sept. 21	1 year
Bennett, Franklin E.,	Avon,	2	4	12 00	April 3	1 year
Bennett, Henry A.,	Avon,	50	2	2 00	Oct. 4	1 year
Bennett, Henry A.,	Avon,	4	1	3 00	April 4	1 year
Bennett, Henry A.,	Avon,	13	4	3 00	April 15	1 year
Bennett, Henry A.,	Avon,	19	2	6 00	May 11	1 year
Bennett, Stewart,	Avon,	72	2	5 50	Sept. 25	1 year
Bennett, Wm. S.,	Avon,	35	1	3 00	May 20	1 year
Bentell, E. M.,	Avon,	73	1	3 00	Sept. 25	1 year
Campbell, Freeman,	New Bedford,	15	5	9 00	April 24	1 year
Campbell, Freeman,	New Bedford,	12	2	1 00	Nov. 2	1 year
Campbell, Freeman,	New Bedford,	55	4	3 50	April 25	1 year
Flemming, Henry,	Avon,	49	3	7 00	June 3	1 year
Flemming, Henry,	Avon,	62	3	3 00	Oct. 4	1 year
Flemming, Henry & Co.,	Avon,	87	70	35 00	May 9	1 year
Gassin, Joseph R.,	Belmar,	6	1	2 00	April 7	1 year
Howland, Mrs. Charles,	Belmar R. F. D.,	70	1	2 00	Sept. 27	1 year
Low, C. L.,	Hamilton,	14	1	3 00	April 20	1 year
Loughlin, J. W.,	Belmar,	41	6	5 00	July 20	1 year
Loughlin, J. W.,	Belmar,	69	6	5 00	May 25	1 year
Morris, Alex.,	Avon,	68	4	12 00	May 19	1 year
Morris, Wm. F.,	Avon,	57	4	11 00	April 27	1 year
Morris, Wm. F.,	Avon,	56	3	2 00	April 27	1 year
Newman, Wilson L.,	Belmar,	32	7	6 50	May 17	1 year
Newman, Wilson L.,	Belmar,	47	2	4 00	Sept. 23	1 year
Newman, Wilson L.,	Belmar,	49	2	4 00	Oct. 3	1 year
Palmer, John P.,	Avon,	27	2	1 50	May 16	1 year
Palmer, John P.,	Avon,	51	2	1 00	Oct. 21	1 year
Palmer, John P.,	Avon,	54	2	2 00	April 21	1 year
Tilton, Wm. L.,	New Bedford,	9	2	2 00	April 12	1 year
VanNote, Fred H.,	Avon,	59	1	1 00	June 5	1 year
Wight, Mr. and Mrs. Jas.,	Belmar,	8	1	3 00	April 12	1 year
Woolley, E. S. V.,	New Bedford,	37	3	3 50	May 23	1 year
Woolley, Hiram,	New Bedford,	33	1	1 50	May 19	1 year
Woolley, Joseph C.,	Asbury Park,	45	4	4 00	Sept. 16	1 year
Woolley, William H.,	New Bedford,	53	1	1 00	April 2	1 year
Woolley, William H.,	New Bedford,	34	2	2 00	May 19	1 year
Woolley, William H.,	New Bedford,	10	1	1 00	April 12	1 year

Respectfully submitted,

CHAS. R. BACON,

*Chief of Bureau.*

## INDEX.

BIOLOGIST'S REPORT—	PAGE
The line of research, .....	23
The data, .....	23
Conclusions, .....	26
Loss of fry, .....	27
When to plant cultch, .....	28
Distribution of fry, .....	29
Oyster culture is Agriculture, .....	30
BUREAU OF SHELL FISHERIES—	
Recommendations, .....	89
Experimental work, .....	10
Proposed National Organization, .....	11
New England Conference, .....	14
COUNTY AND DISTRICT REPORTS—	
Atlantic County, .....	43
Delaware Bay and Maurice River Cove (Commissioners), .....	33
Delaware Bay and Maurice River Cove (Superintendent), .....	35
Ocean County, (Commissioners), .....	37
Ocean County (Superintendent), .....	39
Shark River District, .....	47
LEASES—Atlantic County, .....	51
Delaware Bay and Maurice River Cove, .....	70
Ocean County, .....	58
Raritan Bay, .....	80
Shark River District, .....	82
LICENSES—Atlantic County, .....	54
Delaware Bay and Maurice River Cove, .....	74
Ocean County, .....	64
Raritan Bay, .....	81
MISCELLANEOUS—	
Oyster Canning in Charleston, .....	49
M. Baylac's report on whether bivalves are infected by typhoid and other poisonous germs, .....	21
Wholesomeness of oysters as food, .....	17

