

ry in Rosebank (later known as Bachmann's Clifton Brewery). They ived in a home which has been preserved at 420 Tompkins Avenue.\*

Jewelry boxes were manufactured in Graniteville until the 1950s, the ast owner being Louis Ettlinger and Sons. A carriage and wagon factory ras built in Richmondtown in the 1850s by Marsh and Nolan and will be estored as part of the Richmondtown Village.

### USE OF NATURAL RESOURCES

latural resources of the Island resulted in some industrial development at his time. The trap rock (erroneously called granite) in an area from the laza of Bayonne Bridge to Victory Boulevard and Travis Avenue created ne Staten Island Granite Company, organized in 1841. Trap rock for road and wall building was quarried there until 1896.

Natural clay gave rise to several firms which were engaged in brick-uilding by 1840. In 1854 Balthasar Kreischer, who had migrated here om Germany, began making firebrick for furnaces, stoves and ovens (1). his business continued in the family until the 1930s. The American rick Company and Dolan Brick Company on Arthur Kill Road (around resh Kills section) also made common brick.

The Atlantic Terra Cotta Company\* on Arthur Kill Road, Totenville (at Atlantic Railroad Station) made terra cotta building ornaments until the firm closed during the 1930s.

Some open iron mining activities were undertaken in the areas of Todt lill, Ocean Terrace\* and at the southern end of Jewett Avenue, about the ear 1833. This activity is remembered in the street name of Iron Mine rive. The iron was used in the manufacture of red ochre paint and also as ux to be mixed with other ores. Many rocks containing iron ore are found a Staten Island today, some being used in rock gardens of the homes.

A rather ingenious use of a natural resource was the crushing of quartz abbles from the beach sands at Tottenville by a sandpaper factory, opered by James Pike Gage near the shore at Page Avenue in the early 1860s. orses were used to drag a millstone which crushed the pebbles. The finned sandpaper was shipped out from nearby docks (35).

Ice harvesting on many of the Island ponds was another lucrative dustry. Clove Lakes (then Britton's Mill Pond), Silver Lake (before it came a reservoir), Crocheron's Pond at Bulls Head, Winant's Pond and



rospect Streets, Stapleton\* in 1874 on the site of the old Tompkins yeeum. It was used for balls, entertainments, concerts, lectures, and solitical campaigns. During World War I the name was changed to the stapleton Club Rooms. This old landmark was completely destroyed by ire in 1932 (65).

### INDUSTRIAL EXPANSION

The period from 1865 to 1898 was one of great industrial expansion on Staten Island as elsewhere in the country. However, some of the earlier occupations remained important to the economic life of the people.

### FARMING

here were over its farms growing such crops as white potatoes, Indian com, cats, where were over its farms growing such crops as white potatoes, Indian com, cats, where the beginning of a sweet potatoes (72). In the Rossville ection, strawbern and cabbage were raised. Milk, butter, these, and wood were also produced Much of the produce was handwacked into large wagons that were driven to market in Manhattan or Jerey City. This was the beginning of "truck farming" that was carried on extensively in the 20th century around Graniteville, Bull's Head and New Springville sections. A few such farms exist today. David J. Tysen, 2nd had large tomato farm and canning factory in New Dorp near Tysens Lane.

In the 19th century, before the period of farm mechanization, horses were used behind simple ploughs. Many German and Italian immigrants worked as farmhands. Farm tools\* typical of this era are displayed in the distorical Museum.

# OYSTERING

Dystering\* also continued as a profitable industry. By 1880 about 150 amilies on Staten Island depended upon the oyster trade for their livelised. Since the local "beds" were exhausted, oysters were brought from bays around Long Island, Virginia, Maryland, "refreshed" by the waters of the Passaic and Raritan Rivers and then taken to wholesale market at the pot of West 10th Street, Manhattan. Oyster grounds for the planting of the passaic and the raising of oysters were off Prince's Bay, Rossville, and

planters resided along the Shore Road But Harbor as reported previously, and also and Rossville. Clamming was also successful a livelihood for some families along the Source

# SHIPBUILDING

Another industry that has been important or times was shipbuilding. Many of the boats boats, sloops, schooners, yachts – were bushipyards for building and repairing were be particularly in Tottenville, where in 1886 to ly engaged in this work (34). Some evidence along the shore.\* Other shipbuilders were buthe Port Richmond-Mariners Harbor area.

# OLD FACTORIES

Prior to the Civil War, the industrialization During this latter period, some factories, de to prosper and others were developed.

Among those that had been organized tinued in business were: Hall's Gun Factory, ucts in the 1870s; Jewett White Lead Wor Crabtree and Wilkinson Factory, reorganized Company at 67 Jersey Street in 1881, make and other summer goods (71); Louis Ettling jewelry boxes; Marsh and Nolan Carriage Famanufacturers of firebrick;\* American Bri Cotta Company;\* Bachmann's Brewery, Beckery (formerly Constanz). None of these

However, the Louis De Jonge Compan facturers of fancy papers, is still in busines paper-finishing plant in the United States Victory Boulevard to Tompkins Avenue, Ro

In 1895 Barrett Nephews Company,\* plant on Cherry Lane (Forest Avenue), as d

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Mariners Harbor. Negro oystermen lived at Sandy Ground. Wealthy planters resided along the Shore Road (Richmond Terrace), Mariners Harbor as reported previously, and also in Tottenville, Pleasant Plains, and Rossville. Clamming was also successful during this period, providing a livelihood for some families along the South Shore.

### SHIPBUILDING

Another industry that has been important on Staten Island since colonial times was shipbuilding. Many of the boats used by the oystermen – catboats, sloops, schooners, yachts – were built on the Island. Numerous shipyards for building and repairing were located along the waterfront, particularly in Tottenville, where in 1886 there were at least eight actively engaged in this work (34). Some evidences of these boatyards remain along the shore.\* Other shipbuilders were busy along the North Shore, in the Port Richmond-Mariners Harbor area.

#### OLD FACTORIES

Prior to the Civil War, the industrialization of Staten Island had begun. During this latter period, some factories, described previously, continued to prosper and others were developed.

Among those that had been organized before the Conflict and continued in business were: Hall's Gun Factory, adding hardware to its products in the 1870s; Jewett White Lead Works, reorganized in 1882; the Crabtree and Wilkinson Factory, reorganized as the Irving Manufacturing Company at 67 Jersey Street in 1881, makers of dress linings, tarlatans and other summer goods (71); Louis Ettlinger and Sons, manufacturers of jewelry boxes; Marsh and Nolan Carriage Factory; B. Kreischer and Sons, manufacturers of firebrick;\* American Brick Company; Atlantic Terra Cotta Company;\* Bachmann's Brewery, Bechtel's Brewery; and Eckstein's Brewery (formerly Constanz). None of these industries exist today.

However, the Louis De Jonge Company,\* organized in 1847, manufacturers of fancy papers, is still in business. It is considered the oldest paper-finishing plant in the United States (36). The firm moved from Victory Boulevard to Tompkins Avenue, Rosebank in 1918.

In 1895 Barrett Nephews Company,\* which had been operating a plant on Cherry Lane (Forest Avenue), as described in the chapter on the

same name. The Staten Islander Building\* still stands in Tompsville at the junction of Bay Street and Central Avenue (called Persh-Square). The paper became a daily in 1926 and was discontinued in 8. Microfilmed issues are in the Library of the Institute.

A Tottenville weekly newspaper was started in 1881. Originally named Westfield Times, it later became the Staten Island Transcript in 1899 and a consolidated with the South Shore Times in Great Kills, becoming the es-Transcript with offices in both towns. Later a new building was erectat 5389 Arthur Kill Road, Tottenville. This publication, carrying only the Shore news, appeared until 1962 as the Staten Island Transcript and tfield Times. The Institute has copies from 1927 to 1941 on microfilm. Before consolidation there were many other newspaper attempts, some tem political organs, others printed in the German language. Old news-rs remain as one of the finest sources of firsthand information about le, community growth, and social and economic problems. Therein is a clear-cut picture of any given period of a community's development.

In 1887 Dr. George W. Frost gave the ho Castleton Avenue. Many benefactors gave began. Two years later the "tower" building a Smith Infirmary (34). George William Cur the cornerstone. This original building of the pital is used for offices, clinics, and interns' of

The growth of the Hospital has depend erosity of those who could afford large mone upon the service of the Women's Auxiliary. group donated fruit, vegetables, linens, cloth Gradually its services were extended. An earl was Mrs. Thomas Melville, wife of the Govern sister-in-law of Herman Melville, author of M

A two-year training school for nurses w S. R. Smith Infirmary. In 1943 the training

#### LIBRARIES

branch of the New York Public Library on Staten Island was n Tottenville in 1904 through the efforts of three local organizacluding the Philemon Society, which is still active. Andrew had offered funds for library buildings to small communities in ed States and the citizens of Tottenville had applied for this aid. that time, there had been a public library in Tottenville on Johnnue, formed by the Tottenville Association in 1899, with a stock ooks. Earlier efforts have been described in a newspaper article ne Port Richmond Branch Library opened in 1905 and the Stand St. George Branches in 1907.

ay Staten Island is served by the St. George Library Center, pranch libraries, and a bookmobile. A new branch in Meiers Cor-I replace the Todt Hill Houses facility in late 1963. All branches ecial programs for children and adults. The first public music lendary in New York City opened at the St. George Regional Public in 1952.

neia trips are contact

the Refuge (92). The Spring 1957 issue of the P Island Institute of Arts and Sciences was devoted to of the area.

It is of interest to note that Theodore Roose country home on land that is now part of the remained in the Roosevelt family until 1878.

THE FEDERATION OF WOMEN'S GARD Eleven women's garden clubs on the Island belon den Clubs of New York State. These groups ha adults and children an interest in gardening an flora. They maintain a colonial garden on the gro well-Perine House.\* Flower shows and garden wa 1962 the Staten Island District, Federated Gar State adopted the daisy as a motif for its seal. Ter had been chosen as the official borough flower by Staten Island Advance.

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also raise strawberries and asparagus which were important crops rea a century ago.

#### CLAMMING AND OYSTERING

ng and oystering\* were important occupations along the South particularly in Pleasant Plains and Tottenville, during the early bystering continued to prosper on Staten Island until about 1910 in waters of New York Harbor became polluted from industrial om shipping, and from sewage. When typhoid fever was traced to sland oysters, the Department of Health condemned the oyster beds Clamming was also prohibited.

ut 1940 the clam beds were approved again. Very often 50 or 60 uld venture forth in small boats from South Shore harbors. Howing World War II the waters again were condemned. The Prince's

Bethlehem Steel Company

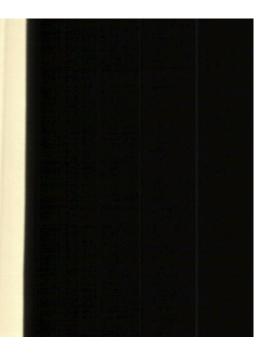
The Mariners Harbor yard of the Bethlehem See a site that was used as a shipyard by R. C. Decker shipyard companies operated there in later years the Burlee Drydock Company of Port Richmonds site for the construction of wooden vessels in 1900 they named the firm the Staten Island Shipburley was added and steel ships were built plant had government contracts. In 1929 or and a steel Drydock Company which became United States are Bethlehem Steel purchased the Mariney World War II the Navy acquired part of the propagation of description of desc

### CHAPTER VIII

Bay Clam and Oyster Association became reactivated in 1961 after eight years of inactivity and is urging the reopening of Raritan Bay for clamming. The United States Public Health Service, the New York City Health Department and the shellfishing unit of the New York State Conservation Department determine whether clamming may be resumed.

# SHIPBUILDING

There were many small boatyards for building and repair along the Arthur Kill in and near Tottenville during the period when clamming and oystering were the principal occupations in that locality. The Ellis Shipyard built large schooners. Other yards bore the names of their owners—Brown, Butler, Rutyan, Latourette (48). Some of the old docks are still risible.

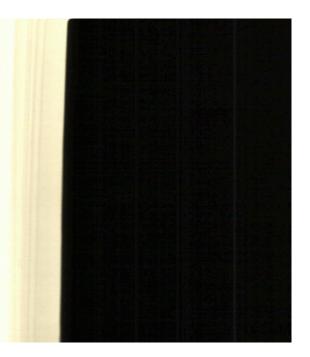


Inc. at 2385 Richmond Terrace, founded in 1921. Dry colors for the printing ink and paint industries are manufactured at the Elm Park plant which has about 10 employees.

Elm Park is also the site of a new building erected in 1961 by the Narva Labs, Inc., manufacturers of perfume, perfume oils, and flavoring for food products. Before moving into the new plant on Granite Avenue, near Wallerstein's, the firm had been located in Stapleton.

An interesting business born of a hobby during the depression of the 1930s is that conducted by the Howat family on Hopping Avenue, Tottenville. Mr. Howat had been chief chemist at the Atlantic Terra Cotta plant, previously mentioned, and when his services were terminated he turned his hobby of making porcelain figurines, vases, and modern art reproductions into a business which has been most successful. Ceramic costume jewelry was added to the products. Some of the Howat pieces are in the contemporary ceramics collection at the Metropolitan Museum of Art.

There are several greenhouses and garden centers on Staten Island. One of the largest is the Richmond Floral Company\* in Richmondtown (48). This company and its predecessor have been growing flowers on the



CHAPTER

Tottenville-Perth Amboy Ferry

the early 1900s the Staten Island Rapid Transit took over the Totville-Perth Amboy ferry which had been operated by the Staten Island Iroad Company since 1867. The Rapid Transit's operation ceased in ober 1948. The last trip was made by the double-ended sidewheeler, the tries W. Galloway, that had been built in 1922 (74). The line was later en over by the Sunrise Ferry Corporation which operated a diesel-powd screw propeller ferry, the *Piermont*, accommodating nine cars. At the sent time Captain Elmer Johnson of Meiers Corners operates the line, financial difficulties threaten to terminate the service. The Outerbridge assing carries most of the traffic from the southern end of Staten Island New Jersey.

Port Richmond-Bayonne Ferry

Holland Hook-Elizabethport Ferry
Sailing vessels had operated between
New Jersey prior to the American Re
used, such as the double-ended side
replaced in 1932 by diesel-propelled fe
this line from 1954 until February 196
of lack of patronage. The Goethals B
point.

St. George-Brooklyn Ferry
Ferry service between Staten Island ar
days. Until a few years ago two ferry li
terminating at 39th Street and the oth

- p. 53 Tottenville, known as Beneuy, was a fishing mange with jew scaled juines.
- P.69 SCAN
- P.88" Several Civil war Memorials have been erected on the Island. One of the largest is a marble shaft at Bethel Cemetery, Tottenville."

# 极的强度

- p.109 "Large nomes were built also by oystermen in the area from Prince's Bay to Tottenville. Many of these are exceptionally well-kept today by appreciative residents, some of whom are descendants of the original owners."
- 2.118-119 SCAN
- 5.122" ... a silk factory in Tottenville opened by Owen Howard Barnard in 1890.
  Barnard Avenue, Tville, is a reminder of this family name."
- 20.128 "The Tottenville Water Works, constructed in 1897, supplied the Trille William Prince's Bay Section"
- 0.130 SCaN
- >.142 "In 1867, the SI Railroad Company began operating a ferry between Perth Amboy and Tville. The sideuheller Maid of Perth, placed in service that year, operated until 1905 when it was scrapped."
- Rossville Sections remained the least thickly populated."
- "During this period the defenses at Ft. Wadsworth were strengthened and a fort constructed Ward's Point, Tottenville to quard the entrances to New York Harbor."
- 5.190 SCAN
- 5.194-195 SCO.N
- D.200 1930 "The Atlantic Terra Cotta Company of Tville, manufacturers of building ornaments, also closed."
- 1.203 SCaN
- 1.230 SCAN

Holden's Staten Island
The History of Richmond County
-Richard Dickenson

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