

Station 112 : From hauling up at last station steamed south-west, and shot the net in 30 fathoms, mud bottom. Ragged Point bearing N.E. x N. $\frac{3}{4}$ N., 8 miles, at 2.30 p.m. Hauled up at 4 p.m., depth 30 fathoms, mud bottom. The result of this haul was poor, consisting of a few schnapper, tarakihi, kingfish, and sharks. After hauling up, steamed south and anchored off the Croixelles for the night.

September 12.—Station 113 : Hauled up anchor off Croixelles Harbour at 6.30 a.m. Steamed out and sounded : 20 fathoms, mud bottom. Shot the net for the first haul to-day at 7.15 a.m. Cape Soucis bearing S.E., $3\frac{1}{2}$ miles. Towed on a S. x W. $\frac{1}{2}$ W. course for an hour and three-quarters, and hauled from the same mud bottom in 18 fathoms ; Cape Soucis bearing E. x N. $\frac{3}{4}$ N., 4 miles. This haul yielded a good quantity of flounders, schnapper, kingfish, gurnard, and red-cod.

Station 114 : Steamed three miles from hauling at last station, and shot again at 9.15 in 20 fathoms, mud bottom ; Graham Point bearing E. $\frac{1}{2}$ N., 4 miles. Towed an hour and a half, and hauled in 15 fathoms ; east end Pepin Island bearing S. $\frac{3}{4}$ W., $2\frac{1}{2}$ miles. The result of this haul was very satisfactory, both as regards quantity and variety of fish.

Station 115 : As the last haul gave good results it was considered advisable to test this locality further, and the net was shot again for another haul, west end Pepin Island bearing S. $\frac{3}{4}$ W., $1\frac{1}{2}$ miles ; depth 15 fathoms, mud bottom. Towed two hours, and hauled up in 18 fathoms. The result of this haul was very satisfactory, giving 105 flounders, 111 schnapper, 53 soles, 210 gurnard, 32 red-cod, and 6 barracouta.

Station 116 : Shot the net for the next haul at 1.30 p.m. in 15 fathoms, Pepin Island bearing S.E. $\frac{1}{4}$ E. Towed an hour and a half and hauled up in 16 fathoms, Nelson Lighthouse bearing south. The result of this haul was also satisfactory, being very similar to the two previous hauls as regards quantity and variety of fish.

Station 117 : Shot the net for the last haul to-day at 3.15 p.m., $10\frac{1}{4}$ miles north of Nelson Lighthouse ; depth 18 fathoms, and mud bottom. Hauled up from 19 fathoms at 4.45 p.m. This haul yielded 42 soles, 109 flounders, 63 schnapper, 97 gurnard, 31 red-cod, and 7 barracouta. Anchored off Nelson light all night.

September 13.—Station 118 : Hauled up anchor at 6.30 a.m. Steamed 2 miles, and shot the net in 10 fathoms, Nelson Lighthouse bearing S. x E. $\frac{1}{2}$ E., 7 miles, at 7 a.m. Towed for two hours, and hauled up from 11 fathoms 4 miles north-east Boat Harbour Island. This haul only yielded moderate results, the market-fish being represented by flounders, soles, gurnard, red-cod, and barracouta.

Station 119 : Shot the net for another haul at 9.20 a.m., depth 11 fathoms, and mud bottom ; Boat Harbour Island bearing W.S.W., 4 miles. Towed an hour and a half, and hauled up in 13 fathoms. Result, a moderate quantity of fish, principally flounders and soles.

Station 120 : From hauling up at last station steamed 2 miles, and shot for another haul 5 miles E. $\frac{1}{4}$ S. of Astrolabe, depth 15 fathoms, at 11.30 a.m. Hauled up at 1 p.m. 11 miles E. $\frac{1}{4}$ S. of Astrolabe. The result of this haul again only gave a moderate quantity of fish.

Station 121 : Deepened the water to 18 fathoms and shot for another haul at 1.20 p.m., Nelson Lighthouse bearing S. $\frac{1}{2}$ E., $13\frac{1}{2}$ miles. Towed on an easterly course for an hour and three-quarters, and hauled up from the same depth that the net was shot in. This haul yielded a fair quantity of market-fish.

Station 122 : Shot the net for the last haul to-day at 3.15 p.m., depth 18 fathoms, and mud bottom, Pepin Island bearing S.E. x S. $\frac{1}{2}$ S., 5 miles. Hauled at 4.45 p.m., Pepin Island bearing S. x E. $\frac{3}{4}$ E., depth 17 fathoms. Result, a very good haul of fish, principally schnapper, flounders, gurnard, and kingfish.

September 14.—Station 123 : Hauled up anchor off Whangamoa Bay at 6 a.m., and steamed up the coast to test the grounds from Croixelles Harbour to the Current Basin, French Pass. Shot the net for the first haul to-day at 7.30 a.m. in 19 fathoms, mud bottom, $1\frac{1}{4}$ miles north-west of Cape Soucis. Towed on a north-east course for an hour and a half, and hauled up from 22 fathoms, Jules Island bearing S.E. x S., $3\frac{1}{4}$ miles. Result, 47 schnapper, 14 flounders, 6 soles, 14 red-cod, 16 gurnard, and a quantity of tiger-sharks.

Station 124 : Shot the net again at 9.15 a.m., depth 22 fathoms, and soft bottom, 4 miles N. $\frac{1}{2}$ W. of Jules Island. Towed in toward the entrance of the Current Basin, and hauled up at 10.30 a.m., Cove Point bearing S.E., $1\frac{1}{2}$ miles. Interesting results were looked for from this haul, as it was thought that near the entrance to the Current Basin there would probably be large quantities of fish-food brought through by the strong currents. The result of the haul was, however, disappointing, as it consisted of only a few flounders, soles, schnapper, gurnard, and red-cod.

After hauling up at station 124 we left for Wellington, for the purpose of effecting repairs to the engines, landing fish, and coaling. Arrived at Wellington at 7 p.m.

September 15, Sunday.—Lying alongside Wellington wharf.

September 16.—Lying alongside wharf, Wellington. Landed fish, took in coal and water, and effected repairs to engines.

September 17.—Left Wellington at 10.15 a.m. for Farewell Spit and west coast. Arrived off Stephens Island at 4 p.m., and decided to steam on all night and begin work off the Karamea Bight in the morning. Glass high, and indications of fine weather.

September 18.—Station 125 : Arrived off Kahurangi Point at 7 a.m. On account of the rocky nature of the coast decided to commence work further down the coast. Took soundings off the Heaphy River, and finding good bottom the net was shot for the first haul in 33 fathoms, soft-sand bottom, at 9.15 a.m., Heaphy River bearing S.E. x E. $\frac{1}{2}$ E., $3\frac{1}{4}$ miles. Towed on a course S. x E., and hauled up at 10.30 a.m. in 32 fathoms, bottom fine sand. This haul yielded very poor results.

Station 126 : After hauling up at station 125 steamed S. $\frac{1}{2}$ E. for 5 miles, in order to work into shallower water. Shot the net for the next haul at 11.15 a.m., depth 28 fathoms, bottom fine sand, Kōhahai Bluff bearing E.N.E., $2\frac{1}{4}$ miles. Towed down the coast for 6 miles, and hauled up in