

DEPARTMENT OF AGRICULTURE AND TECHNICAL  
INSTRUCTION FOR IRELAND.

REPORT  
ON THE  
SEA AND INLAND FISHERIES  
OF IRELAND.

FOR

1915.

Presented to Parliament by Command of His Majesty.

AGRICULTURE AND TECHNICAL INSTRUCTION  
(IRELAND) ACT, 1899.  
(62 AND 63 VIC., CAP. 50.)



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To

His Excellency IVOR CHURCHILL, Baron Wimborne,  
Lord Lieutenant-General and General Governor of Ireland.

MAY IT PLEASE YOUR EXCELLENCY,

I am desired by the Vice-President to submit to Your  
Excellency the Report on the Sea and Inland Fisheries of  
Ireland for the year 1915.

I have the honour to remain,

Your Excellency's faithful Servant.

T. P. GILL,

*Secretary.*

DEPARTMENT OF AGRICULTURE

AND TECHNICAL INSTRUCTION FOR IRELAND,

UPPER MERRION-STREET,

DUBLIN, 25th October, 1916.

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DUBLIN CASTLE,

26th October, 1916.

SIR,

I have to acknowledge the receipt of your letter of the 25th instant, forwarding, for submission to His Excellency the Lord Lieutenant, the Report on the Sea and Inland Fisheries of Ireland for 1915.

I am,

SIR,

Your obedient Servant,

E. O'FARRELL.

The Secretary,

Department of Agriculture  
and Technical Instruction,

Dublin.

# SEA AND INLAND FISHERIES OF IRELAND, 1915.

## REPORT

TO THE

SECRETARY OF THE DEPARTMENT OF AGRICULTURE  
AND TECHNICAL INSTRUCTION FOR IRELAND.

SIR,

We have the honour to submit the Report for the year 1915 on the Sea and Inland Fisheries of Ireland.

We referred, in our Report for the year 1914, to the conditions arising out of the present war, which have naturally affected the fisheries in the year under review to a considerably greater extent, both as to the diminution of output and enhancement of price. Present discussion of the effect of these conditions, further than as appears below, may with advantage be deferred until the circumstances of fishing are again normal, and we have deemed it advisable to postpone the publication of certain annual returns which have hitherto appeared as Appendices to our Reports.

### FISH LANDED.

Excluding shell-fish the quantity of sea fish landed (550,194 cwts.) was very much below the average and fell short by nearly 40,000 cwts. of the figure for the previous year. The amount realised (£334,443) was, however, owing to market conditions, the highest for the past ten years.

The high prices obtaining for kippered herrings have induced several merchants to devote attention to this branch of the trade, and the Department have rendered assistance by way of loan and expert advice. The fish curing industry showed a great decline owing to the good market for fresh fish generally, discontinuance of trade with Germany and the difficulty of transport to Russia.

Particulars of the various descriptions of fish landed will be found in Appendix No. 1.

The quantities of shell-fish shown in the Appendix exceed the totals of the published monthly returns owing to the fact that shell-fish, to a considerable amount in the aggregate, are brought to land at remote creeks at which monthly collectors of statistics are not stationed and from which returns can only be procured annually. An estimate of the quantities of crabs and the various shell-fish included in the Appendix under the designation "Other Shell-Fish" has been made on the basis of the returns furnished by the monthly collectors.

The quantity of scallops landed, which is not separately distinguished in Appendix No. I, is 24,150 dozens, valued at £1,318. The figures for the previous year were 22,832 dozens, valued at £1,326.

## VESSELS AND CREWS.

The following table shows the number of Irish boats and fishermen engaged in the fisheries in 1915 and the preceding year:—

	1915.		1914.	
	Vessels.	Men.	Vessels.	Men.
First Class.	381	2,310	361	2,237
Second Class.	2,080	7,889	2,443	9,083
Third Class.	630	1,939	917	2,898
Small Open Boats.	1,185	3,531	1,090	3,222
	<u>4,276</u>	<u>15,669</u>	<u>4,811</u>	<u>17,440</u>

It will be seen that the reduction of the total numbers commented on in previous reports continues, but it has to be borne in mind that in recent years there has been added to the fleet a considerable number of very effective craft equipped with motor engines whose superior powers of capture materially counteract the disappearance of many of the more obsolete and less efficient boats. The numbers of motor boats employed in the fisheries in the years 1914 and 1915 were as follows:—

	1915.	1914.
Over 25 tons.	17	18
Over 10 tons and not exceeding 25 tons.	76	48
Over 5 tons and not exceeding 10 tons.	53	47
Not exceeding 5 tons.	69	15
Totals.	<u>215</u>	<u>158</u>

A large proportion of those who follow the industry in this country consists of persons who participate in it as a means of supplementing their earnings from other sources, and any material improvement in their other means of livelihood naturally tends to divert their energies from what was to them only a subsidiary occupation. Apart from those fishermen who are taking an honourable part in the military and naval service of their country, the increased rates of pay in the mercantile marine and other trades continue to attract a number from their ordinary pursuits.

Trawling was carried on by 1,164 persons in 8 steam, 65 motor, and 260 sailing boats. All the steam vessels were over 100 tons gross tonnage, but the majority (38 motor and 175 sailing boats) of the others were under 10 tons.

The numbers of persons engaged in the shell-fish industries were, roughly, as follow:—

Oyster Fishery.	Lobster Fishery.	Mussel Fishery.	Scallop Fishery.
400	3,300	130	400

## LOANS.

Loan operations were somewhat restricted during the year ended 31st March, 1916. Twenty-one applications were registered for loans to an amount of £3,766 6s. 3d. The following loans amounting to £3,264 18s. 8d. were granted, but the sum actually issued during the year was £2,073 16s. 10d.

County.	No.	Amount.		
		£	s.	d.
Antrim, .. .. .	1	250	0	0
Down, .. .. .	6	1303	17	7
Louth, .. .. .	1	200	0	0
Waterford, .. .. .	1	36	0	0
Wexford, .. .. .	1	20	0	0
Wicklow, .. .. .	3	1455	1	1
Total,	13	3264	18	8

Two loans of £200 and £350 were granted for the erection of herring kippering establishments at Clogher Head and Ardglass, respectively.

The other eleven loans granted comprised five for installation of motor engines in existing boats, two for the purchase of second-hand motor boats, two for repairing sailing boats, one for repairs to a motor engine, and one for the purchase of a new motor boat.

The promissory notes signed to secure principal and interest, inclusive of £8,176 19s. 11d. of unrepaid notes taken over by the Department at the commencement of their administration of fishery loans in non-congested districts, amount to £103,017 4s. 7d. The amount repaid is £68,831 10s. 9d., while securities on hands which have not yet matured for payment represent £30,316.

The total arrears of repayment of instalments stood at £3,064 8s. 10d. at the end of the financial year, a reduction of approximately £740 on the amount outstanding at the end of the previous year.

The amount written off as irrecoverable has increased to £835 5s. 9d. as against £408 17s. 8d. at the end of the previous year. The greater part of this increase is attributable to two cases in which boats were ineffectively worked and finally left derelict by unsatisfactory borrowers. The arrears and the amount written off are together equivalent to 5.3 *per cent.* of the total instalments paid and fallen due for repayment. The amount written off is 1.15 *per cent.* of the same.

Economy in the management of the fund has enabled the Department to discharge out of the loan repayments their indebtedness to the Development Commissioners. Particulars of loans advanced out of the sum of £4,000 temporarily borrowed from the Development Fund will in future be included with other fishery loans and not shown separately.

## DUBLIN MARKET RETURNS.

The amount of sea fish captured by trawl and hook which passed through the Dublin Market during the year was 2,296 tons, being a decrease of 585 tons from that of the previous year.

The fish received from steam trawlers included—

	Boxes.		Boxes.
Black Soles,	152	Whiting,	6,751
Turbot,	72	Flake,	3,159
Brill,	78	Gurnard,	1,282
Plaice,	1,590	Coalfish,	2,103
Megrims,	643	Ray,	1,663
Dabs,	1,115	Conger,	1,711
Cod,	6,817		

It is worthy of note that 208 boxes of dog-fish, which are not usually landed by the Dublin steam trawlers, were dealt with for export.

The supplies of trawl and hook fish from other Irish sources were as follows:—

	Tons.	
Dublin Bay (Sailing vessels),	90	principally Plaice and Ray.
Howth,	172	„ Cod and Whiting.
Balbriggan,	69	„ Plaice and Ray.
Galway,	51	„ Plaice, Whiting and Black Soles.
Dingle,	118	„ Plaice, Black Soles and Ray.
Other Localities,	247	„ Cod, Haddock, and Ray.

About two tons of conger, ray and ling were on one occasion landed by an English steam fishing vessel.

The amount of imported fresh fish, excluding that mentioned in the following paragraph, was 24 tons, consisting mainly of haddock and plaice. The figure for 1914 was 55 tons.

Besides the foregoing, there passed through the Dublin Market during the year 9,193 barrels and 6,510 boxes of Irish fresh herrings; 10 barrels of imported fresh herrings, and 31 barrels of Irish cured herrings and 14 of imported cured herrings. The mackerel amounted to 9,232 boxes of Irish caught fish.

The quantities of salmon, trout and shell-fish passing through the Market are not recorded in a form capable of being reduced to a statistical statement.

#### SPRING MACKEREL FISHERY.

The capture of mackerel during the Spring Fishery was the smallest for many years and compared with that of the previous similar season, showed a decline in quantity from 108,000 cwts. to 74,000 cwts., but an increase in value from £29,650 to £31,950. Owing to the demand in the United Kingdom and consequent high prices, practically all the take was sold fresh, and the number of barrels cured for the American Market only slightly exceeded 2,000. Over half the entire product of the fishery was landed at Baltimore and Valentia Stations—23,512 cwts. at the former and 20,837 cwts. at the latter. The extent to which these two localities monopolised the fishing is apparent from the follow-



ing table, which gives the landings at the principal fishing centres during the season under review, and includes, for purposes of comparison, the figures of the seasons of 1913 and 1914 :—

CENTRE.	1915.		1914.		1913.	
	Quantity Landed.	Value.	Quantity Landed.	Value.	Quantity Landed.	Value.
	Cwts.	£	Cwts.	£	Cwts.	£
Kinsale ... ..	4,596	2,278	12,698	4,403	9,080	2,862
Union Hall ... ..	788	330	8,736	2,195	2,411	526
Baltimore ... ..	23,512	12,177	19,699	4,340	12,382	3,328
Valentia ... ..	20,837	8,991	28,048	9,262	27,042	9,709
Aran Islands (Galway)	4,248	1,063	1,260	302	506	131
Roundstone ... ..	2,501	772	1,578	415	1,048	382
Cleggan ... ..	2,586	1,345	2,389	778	1,750	628

#### AUTUMN MACKEREL FISHERY.

The Autumn Mackerel Fishery of 1914-15, was the worst recorded, but the season for 1915-16 shows a still further decline so far as the quantity of fish taken is concerned. About 53,000 cwts. were landed, which is a decrease of 11,000 cwts. from the figure of the previous season. The amount realised, however, increased from £26,000 to nearly £33,000. The number of barrels cured for export barely exceeded 8,000 in number.

As will be seen from the following statement, giving the quantities captured at the principal centres, the decline in capture has been general :—

CENTRE.	1915.			1914.		
	Quantity Landed.	Value.	Barrels Cured.	Quantity Landed.	Value.	Barrels Cured.
	Cwts.	£	No.	Cwts.	£	No.
Union Hall ... ..	1,744	1,078	123	3,425	1,447	789
Castletownshend ...	686	492	160	2,410	945	800
Baltimore ... ..	3,973	3,011	250	3,622	1,515	1,200
Kenmare River ... ..	5,167	2,685	1,601	8,903	2,736	3,061
Valentia ... ..	4,734	3,672	—	9,435	4,802	2,010
Dingle Peninsula ...	15,791	12,264	4,671	18,746	6,584	5,700
County Galway ... ..	5,512	3,366	561	8,426	2,920	2,405

In the course of the herring fishery at the Donegal and East Coast ports a certain quantity of mackerel is usually captured; but, in ordinary times, owing to the small size of the fish, there is practically no market for it. A comparatively large increase is shown in the amount landed at these ports, presumably due to the demand prevailing for all classes of fish.

### SUMMER HERRING FISHERY.

The Summer Herring Fishery was well above the average and, with the exception of those of 1909 and 1912, was better than any during the past ten years. Nearly 247,000 cwts., valued at over £152,000, were landed. In the previous year the figures were 166,000 cwts. and £63,000. Owing to the large demand, the prices realised by the fishermen were very good, as may be seen from the following statement giving the results at the principal fishing centres in 1913, 1914, and 1915:—

CENTRE.	1915.		1914.		1913.	
	Quantity Landed.	Value.	Quantity Landed.	Value.	Quantity Landed.	Value.
	Cwts.	£	Cwts.	£	Cwts.	£
Killybegs ...	7,888	6,283	1,833	636	1,716	818
Burtonport ...	14,716	7,368	2,416	530	570	291
Kincasslagh ...	10,150	5,600	4,372	1,303	194	107
Inishbofin (Co. Donegal)	16,123	4,845	1,168	369	2,345	840
Mulroy ...	20,631	10,465	13,718	6,973	6,677	3,825
Portavogie ...	8,426	3,922	6,835	1,991	4,373	1,630
Ardglass ...	58,297	37,380	45,323	12,300	80,135	37,324
Kilkeel ...	17,941	10,089	18,122	5,476	27,247	8,891
Howth ...	45,957	40,051	27,066	9,014	60,974	19,043
Dunmore East ...	21,122	12,298	3,812	1,107	2,296	808
North Aran ...	3,395	2,097	503	236	3,219	1,318
Galway ...	2,290	1,433	237	140	4,870	2,027

It will be observed that the quantities captured by the fleets operating from Ardglass and Howth, which are the principal centres on the East Coast, were much in excess of the figures for 1914, but fell short of those for 1913. One steamer, as the result of one night's fishing, landed at Ardglass a catch which realised nearly £600. The fishing at Dunmore East was most successful, and that on the Donegal Coast evidenced a satisfactory improvement. A steam drifter working out of Killybegs during the months of September and October earned about £1,500, gross.

The Irish Crown Brand was not applied to any herrings during the year 1915.

### WINTER HERRING FISHERY.

During the progress of the Winter Herring Fishery 91,000 cwts., valued at £55,000, were landed. The figures for the previous year were 88,000 cwts. and £36,400. It will be noticed that a very high price was secured by the fishermen. The appended statement gives a comparison of the results at the principal fishing centres:—

CENTRE	1915.		1914.	
	Quantity Landed.	Value.	Quantity Landed.	Value.
	Cwts.	£	Cwts.	£
Ardglass	1,038	743	502	160
Kilkeel	2,829	1,584	1,334	463
Dundalk	17,486	10,446	9,228	3,285
Blackrock (Co. Louth)	5,047	3,530	6,043	2,907
Annagassan	6,519	3,193	2,917	1,039
Clogher Head	6,865	4,960	2,487	703
Balbriggan	16,556	7,251	5,718	3,093
Skerries	1,049	466	313	173
Loughshinny	1,052	654	878	464
Howth	5,012	2,034	1,749	762
Dunmore East	4,441	5,383	16,843	6,399
Killybegs	4,193	4,151	699	240
Teelin	1,365	954	2,549	684
Burtonport	2,768	3,091	10,258	5,701
Kincasslagh	68	47	2,084	865
Mulroy	3,450	2,827	4,313	1,785
Londonderry	2,026	1,827	8,370	3,061

From the above figures it will be seen that the increase in the landings is due to the very successful fishing which was carried on off the coasts of the Counties Dublin, Louth, and Down. As an example of the lucrative nature of the fishing, it may be mentioned that a yawl belonging to Clogher Head landed at Dundalk, as the result of a single night's fishing, a hundred mease of herrings which realised £250.

There were practically no herrings cured for export during the season.

#### PIERS AND HARBOURS.

No new work was started during the year, but progress was made with the schemes for the improvement of the harbour accommodation at Kilkeel (Co. Down), Annagassan (Co. Louth), and Helvick (Co. Waterford). At Rathlin Island (Co. Antrim), Ballaghaline (Co. Clare), and Ballyhack (Co. Wexford), operations have been completed. The facilities for navigation at Arklow Harbour were well maintained by the Dredger "Eag-an-Bealach" under the existing arrangement with the Harbour Commissioners. This vessel was also usefully employed at Balbriggan and Portrush.

In continuation of the return given in previous Reports, it is recorded that the expenditure by the Commissioners of Public Works on Port-stewart Harbour during the year ended 31st March, 1916, was £15 10s. A contribution of £10 13s. 2d. was received from the Londonderry County Council against this expenditure.

#### SHELL FISHERIES.

Further steps for the improvement of the public oyster fishery at Kinsale were taken, and over 66,000 oysters from Tralee Bay were laid down in Kinsale Harbour.

Officers appointed by the Department exercised supervision over the public oyster fisheries in the River Shannon, in Kinsale and Waterford Harbours, at Clarenbridge (Co. Galway) and at Inishlyre (Co. Mayo); and over the mussel fisheries of Castlemaine Harbour.

#### NET MENDING.

The class in net mending which has been carried on in previous years at Kinsale, was continued during the winter. The average attendance of pupils, who all came from the fishing population, was about 14.

#### KELP.

According to the returns received, the amount of kelp exported in 1915 was, approximately, as follows:—

County Clare,	...	...	...	...	934 tons.
„ Galway,	...	...	...	...	1,821 „
„ Mayo,	...	...	...	...	356 „
„ Sligo,	...	...	...	...	340 „
„ Donegal,	...	...	...	...	790 „
„ Antrim,	...	...	...	...	73 „
					4,314 tons.

Value about £23,727.

#### BY-LAWS AND ORDERS.

Since the date of the last Report, By-Laws have been made, (*a*) altering the Close Season for re-laid foreign Oysters in Carlingford Lough; (*b*) fixing a period during which Mussels shall not be taken from a certain part of Castlemaine Harbour; (*c*) prohibiting the having in possession in the Cork District of Salmon or Trout killed by explosives; (*d*) prohibiting the removal from the fresh waters of the Killarney District of any Salmon or Trout not killed or taken by lawful means; (*e*) affecting the use of nets in the Galway and Connemara Districts; and (*f*) governing the size of the mesh of Draft or Seine Nets that may be used in the Drogheda District.

Orders were also made defining the Estuary of the River Boyne, and the Mouths and Estuaries of the Rivers Delyn and Nanny, in the Drogheda District.

The above By-Laws and Orders were approved and will be found in Appendix No. 5 p. 25.

#### INLAND FISHERIES.

##### SALMON FISHERIES.

From the returns received from the various Railway Companies it would appear that the product of the salmon and trout fisheries was

about the average of the annual capture in the preceding decade. The quantity carried was nearly 10 per cent. greater than in the previous year and about the same as in 1913.

The figures given in the last Report showing the annual capture by drift-nets off the coast between Roundstone (Co. Galway) and Portrush (Co. Antrim) since 1905 are continued :—

Year.	No. of fish landed.	Weight in Cwt.
1905,	38,123	2,160
1906,	57,589	3,313
1907,	41,354	2,367
1908,	33,953	2,031
1909,	84,668	4,937
1910,	66,274	3,844
1911,	85,614	4,909
1912,	68,220	3,944
1913,	63,772	3,822
1914,	53,824	3,274
1915,	31,725	1,783

The apparent decline, during the year under review, is partly explained by reduction of fishing, the number of drift-net licences taken out in the Districts chiefly concerned being 98 less than in the previous year.

Of 24,728 boxes of salmon received during the year at Billingsgate, 7,354 were from Ireland. In the previous year out of a total of 26,049 boxes, 7,086 were from Ireland.

Apart from drift-netting in the open sea, the reports received from the Clerks of the Boards of Conservators indicate that the salmon fisheries generally showed improvement, except in the northern and north-western districts, but there is no sign of general improvement in the run of peal or grilse during the open season. A slight increase of peal noted in the Londonderry District may have been due to relaxation of drift-net fishing outside Lough Foyle. The failure of the run of summer fish in the Wye, which we noticed last year as a possible indication of an extension to English rivers of the conditions, be they what they may, which for some years past have rendered the Irish peal fishery unprofitable, has not recurred. In the Dublin District some cause, apparently the coldness of the water, interfered with the early run of salmon, though they were abundant in the estuary of the Liffey, and, as the river fell low in spring and early summer, few fish appear to have got far up into fresh water before July or August. Elsewhere, weather conditions seem to have been generally favourable to netting, and, in the spring, to angling. An unusually early appearance of fish is reported from several Districts. The drift-net fishermen in the Waterford Estuary had unprecedented success in the early part of the season.

The sea trout net fishery was less productive than in the previous year, but the angling for these fish showed marked improvement in the

western rivers which they specially frequent, though the fish appear to have been not up to the standard of size of years when this fishery was at its best. A further decline, presumably due to the absence, on military duty, of anglers, is recorded in the number of persons who took out rod licences. The number in 1913 was 3,526; in 1914, 2,952; and in 1915, 2,358. While this most seriously affects the funds of the Conservators, it should tend to the recuperation of the supply of sea trout, which are the chief attraction to many licensed anglers.

The practice of poisoning rivers seems to have been less prevalent than in the preceding year, but the killing of fish by dynamite was again reported from several localities. The Department made a By-Law, which was approved by the Lords Justices in Council, making it unlawful for anyone in the Cork District to be in possession of salmon or trout killed by explosives. In the Londonderry District pollution by flaxwater was more serious than usual, but in the neighbouring Coleraine District there was a substantial decrease in offences of this nature. Reports indicate a diminution of poaching throughout the country.

There was a further outbreak in the River Liffey of the disease known as "Furunculosis," but not of a very serious nature. In May and June a few affected salmon were found between Lucan and Celbridge, and a number of brown trout just below Newbridge. Otherwise this river appears to have been free from the disease, no sign of which was observed in any other river.

More smolts than usual were noticed descending to the sea. The state of the rivers was favourable to spawning, and more breeding fish were observed than in the previous season.

Owing to the suspension of the subsidies usually paid by the Department and to other circumstances resulting from the War, the number of salmon hatcheries in operation during the season 1915-16 was very much smaller than usual. The estimated output of salmon and trout fry was as follows:—Salmon, 4,402,000; trout, 122,000.

Nearly 2,000,000 salmon fry were turned out from the Mallow and Banteer Hatchery, which experienced a very favourable season.

Particulars of the captures during the year at certain of the more important Salmon fisheries are as follows:—

#### *Waterford District.*

At Cahirpark Rod Fishery, on the River Suir, 24 fish, weighing altogether 245 lbs., were taken.

At Neddin's Water 33 fish, weighing altogether 412 lbs., were captured.

#### *Lismore District.*

At the Dromana Fishery 631 fish were taken during the season.

The take of salmon and grilse at the Blackwater Fishery was 25 per cent. below the average for the 25 years ended 1899. Salmon was 31 per cent. below the average for the nine years, 1891-1899, and grilse was 61 per cent. below the average for the same nine years.

*Kenmare District.*

The capture at the Blackwater Fishery (Co. Kerry) was 59 *per cent.* below the average for the 25 years ended 1899.

*Waterville District.*

The number of fish taken at Waterville Weir during the season was 701.

*Killarney District.*

The capture at the Laune Fishery below Killorglin Bridge was 34 *per cent.* below the average for the 24 years ended 1898. For five weeks in February and March floods greatly interfered with the fishing.

*Limerick District.*

At the Newgarden, Prospect, Doonass, Castle, Hermitage, Woodlands, Erinagh, World's End, and Summerhill Fisheries the total number and weight of fish taken were, respectively, 389 and 6,268 lbs.

*Ballina District.*

The capture at the Moy Fishery was 41 *per cent.* below the average for the 25 years ended 1899.

In respect of the year ended 31st March, 1916, the Department made grants, amounting to £1,984 9s 9d. as specified below, to assist in the improvement and protection of inland fisheries.

			£	s.	d.
To the Dublin Board of Conservators,	...	...	18	8	0
Waterford do.,	...	...	100	0	0
Cork do.,	...	...	300	0	0
Bandon do.,	...	...	38	0	0
Skibbereen do.,	...	...	25	0	0
Bantry do.,	...	...	9	0	0
Kenmare do.,	...	...	60	0	0
Killarney Board of Conservators (including expenditure in connection with fisheries at Cromane),			269	13	9
Limerick Board of Conservators (including expenditure in connection with Lower Shannon Patrol Boat),			378	2	10
Waterville Board of Conservators,	...	...	40	0	0
Galway do.,	...	...	40	0	0
Bangor do.,	...	...	40	0	0
Ballina do.,	...	...	200	0	0
Sligo do.,	...	...	80	0	0
Ballyshannon do., (Bundrowes Committee),			27	14	10
Londonderry do.,	...	...	80	0	0
Coleraine do.,	...	...	80	0	0

	£	s.	d.
Dundalk Board of Conservators, ...	34	4	0
Corrib Fisheries' Association, ...	20	0	0
Little Brosna and Camcor Anglers' Club, ...	10	0	0
Boyle Fish Preservation Society, ...	15	0	0
Lough Derg Fisheries' Society, ...	40	0	0
Lough Arrow Fish Preservation Society, ...	10	0	0
Lough Sheelin Trout Protection Association, ...	20	0	0
Derravaragh Angling Association, ...	10	0	0
Loughs Mask and Carra Fishery Society, ...	10	0	0
Loughs Conn and Cullen Fisheries' Association, ...	11	7	0
For Fish Passes, ...	2	9	1
Miscellaneous Purposes, ...	15	10	0
Total, ...	£1,981	9	0

The Fishmongers' Company continued to give effective aid in the suppression of the traffic in salmon and trout illegally caught in Ireland.

We desire again to express appreciation of the invaluable services rendered by the officers and men of the Royal Irish Constabulary in the protection of the salmon fisheries.

#### EEL FISHERIES.

The state of the eel fisheries seems to have been satisfactory, and the amount carried over the Irish Railways was the largest in recent years.

An improvement was reported from both the Shannon and Bann river systems, which are the most important centres of the industry. About 180 persons are employed in the former and over 300 in the latter district. The capture by coghills in the River Bann and by long lines in Lough Neagh was of an estimated value of £13,000.

About 75 persons were engaged in the Galway District, where a slight improvement on the previous season was evidenced. The value of the product in the Ballina District was about £650. The season in the Drogheda District was an average one, and that in the Dundalk District was satisfactory.

Practically all the eels taken are disposed of in London and other English Markets.

Licences were taken out in respect of 76 coghills, 334 gaps or eyes, and 1 trap.

#### POLLEN FISHERIES.

From a report received from the Clerk to the Coleraine Board of Conservators, it would appear that the quantity of pollen caught in Lough Neagh was much larger than in the previous year. The fish, which were mostly disposed of in the English markets, were of a much finer and superior quality, and realised a much better price. Some of the capture was sold locally during warm weather in the summer. But for the fact that, at times, owing to dislocation of traffic arising from the war, the fish could not reach the English markets, the season would have been a record one.



It is regretted that the practice of baiting eel lines with small pollen and pollen fry still continues.

In connection with the fishery, there were issued 70 trammel net licences and 131 draft net licences, and the licence duty amounted to £266 10s. 0d.

Many scientific and other reports have been received during the year, and this opportunity is taken of thanking those who placed the valuable information they contain at the disposal of the Department.

#### MEMBERS OF THE STAFF SERVING WITH H.M. NAVAL AND MILITARY FORCES.

The work of the Fisheries Branch has been carried on with some difficulty owing to the contributions it has made to His Majesty's Naval and Military Forces.

Of a not very numerous Staff the under-mentioned officers are now serving as follows :—

Mr. G. P. FARRAN, Assistant Inspector of Fisheries :—Lieutenant, The King's (Liverpool Regiment).

Mr. A. B. E. HILLAS, Assistant Inspector of Fisheries :—Captain, Gordon Highlanders.

Mr. A. M. EWEN, Second Division Clerk :—Second Lieutenant, Royal Dublin Fusiliers.

Mr. J. A. WATTS, Second Division Clerk :—Cavalry Cadet, late Sergeant, Royal Dublin Fusiliers.

Mr. W. N. GOURLAY, Second Division Clerk :—Private, Royal Dublin Fusiliers.

Mr. A. C. KELLY, Temporary Clerk :—Trooper, South Irish Horse.

Mr. M. E. BROWN, Temporary Clerk :—Private, Royal Dublin Fusiliers.

Mr. T. CONNELLY, Marine Laboratory :—Private, Royal Army Medical Corps.

Mr. F. MORAN, Marine Laboratory :—Corporal, Connaught Rangers.

Mr. D. THOMPSON, Commander of Fishery Cruiser " Helga " :—Lieutenant, R.N.R.

Mr. P. DUANE, Mate of do. :—Sub-Lieutenant, R.N.R.

Mr. R. KEARON, Chief Engineer of do. :—Assistant Engineer, R.N.R.

Mr. T. DALY, Fireman of do. :—Private, The Buffs (East Kent Regiment).

Mr. MICHAEL CULLINANE, Clerk, has died on service in India as Sergeant, Royal Irish Fusiliers. He was an able and energetic official, and placed his experience of drill and discipline, gained in the Army and the Royal Irish Constabulary, at the disposal of the Military Authorities, at an age when he might well have claimed to be exempt from such duty. Mr. Hillas, Mr. Watts, and Mr. Kelly have been wounded. The two former have happily recovered, and Mr. Kelly's injuries though serious are not dangerous.

The staff of the Branch was further depleted owing to Mr. R. H. Lee, Inspector of Fisheries, having been transferred temporarily to the Ministry of Munitions.

We have the honour to be,

SIR,

Your obedient Servants,

E. W. L. HOLT,  
*Chief Inspector of Fisheries.*

CHARLES GREEN,  
*Inspector of Fisheries.*

Department of Agriculture and Technical

Instruction for Ireland,

(Fisheries Branch),

24th October, 1916.

APPENDIX TO THE REPORT  
ON THE  
SEA AND INLAND FISHERIES OF IRELAND  
FOR THE YEAR 1915.

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Appendix

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## APPENDIX

## STATEMENT of the Total Quantity and Value of the Fish returned as landed

	North Coast. (Erris Head to Torr Head.)				East Coast. (Torr Head to Carrisore Point).			
	Quantity.		Value.		Quantity.		Value.	
	1915	1914	1915	1914	1915	1914	1915	1914
	Cwts.	Cwts.	£	£	Cwts.	Cwts.	£	£
Drill ...	50	18	62	32	77	203	297	608
Soles ...	135	83	563	388	463	543	2,440	2,559
Turbot ...	38	20	144	57	166	273	860	1,296
<b>Total Prime Fish</b>	<b>223</b>	<b>121</b>	<b>769</b>	<b>477</b>	<b>706</b>	<b>1,019</b>	<b>3,597</b>	<b>4,463</b>
Cod ...	2,718	5,116	2,689	3,125	9,112	11,872	11,621	12,443
Conger Eel ...	147	130	197	45	1,576	3,853	1,554	2,814
Haddock ...	1,535	58	2,013	55	412	1,597	503	1,667
Hake ...	-	-	-	-	2,835	3,852	5,326	5,140
Herrings ...	104,010	130,174	49,785	42,776	196,538	133,537	117,991	43,477
Ling ...	8	147	10	76	422	2,360	354	1,759
Mackerel ...	4,587	8,842	1,061	1,783	5,926	2,503	1,856	657
Plaice ...	2,628	2,356	2,838	2,235	4,427	5,721	8,271	7,892
Ray or Skate ...	2,494	1,785	740	471	2,633	4,382	1,913	2,636
Sprats ...	-	-	-	-	-	-	-	-
Whiting ...	584	13	511	-	7,160	0,573	8,990	5,866
All other except Shell Fish	1,631	2,752	843	933	6,288	7,135	5,444	4,575
<b>Total,</b>	<b>120,815</b>	<b>151,494</b>	<b>62,266</b>	<b>51,975</b>	<b>238,035</b>	<b>184,404</b>	<b>167,420</b>	<b>93,380</b>
<b>SHELL FISH :-</b>	<b>No.</b>	<b>No.</b>			<b>No.</b>	<b>No.</b>		
Crabs ...	79,176	81,850	514	393	51,018	86,747	344	440
Lobsters ...	139,355	173,220	4,460	4,950	129,936	144,252	6,310	4,634
Mussels ...	Cwts. 1,360	Cwts. -	84	-	Cwts. 8,145	Cwts. 14,155	1,075	1,680
Oysters ...	No. -	No. -	-	-	No. 628,930	No. 739,166	1,335	1,025
Other Shell Fish ...	Cwts. 953	Cwts. 372	171	65	Cwts. 1,895	Cwts. 3,836	626	823
<b>Total,</b>	<b>-</b>	<b>-</b>	<b>5,229</b>	<b>5,408</b>	<b>-</b>	<b>-</b>	<b>9,690</b>	<b>8,602</b>
<b>Total Value of Fish landed,</b>	<b>-</b>	<b>-</b>	<b>67,495</b>	<b>57,383</b>	<b>-</b>	<b>-</b>	<b>177,110</b>	<b>101,991</b>

No. 1.

landed on the Irish Coasts during the Year 1915, as compared with that during 1914.

South Coast. (Carnsore Point to Loop Head).				West Coast. (Loop Head to Erris Head).				TOTAL.			
Quantity.		Value.		Quantity.		Value.		Quantity.		Value.	
1915	1914	1915	1914	1915	1914	1915	1914	1915	1914	1915	1914
Cwts.	Cwts.	£	£	Cwts.	Cwts.	£	£	Cwts.	Cwts.	£	£
125	30	260	63	7	172	18	331	259	423	646	1,034
606	256	2,994	1,044	242	837	975	3,484	1,446	1,719	6,972	7,475
66	12	290	47	124	233	556	1,031	394	538	1,850	2,431
707	298	3,553	1,154	373	1,242	1,549	4,846	2,099	2,680	9,468	10,940
179	376	248	286	1,030	1,859	576	1,035	13,030	19,223	15,334	16,889
701	305	367	109	649	626	351	311	3,073	4,914	2,469	3,279
14	46	17	44	319	1,786	373	1,348	2,280	3,487	2,906	3,114
18	12	20	10	33	127	16	51	2,886	3,991	5,362	5,201
53,136	18,157	26,419	6,699	9,289	13,338	5,454	6,103	362,973	295,206	199,650	99,049
241	400	229	265	702	281	489	207	1,373	3,188	1,032	2,307
94,432	88,033	49,850	25,598	19,673	114,987	8,464	38,048	124,618	214,365	61,831	66,086
1,550	1,275	1,993	1,419	455	1,678	518	1,485	9,060	11,030	13,620	13,031
1,344	202	519	59	659	1,190	245	233	7,130	7,559	3,417	3,399
1,216	411	405	95	-	-	-	-	1,216	411	405	95
57	87	45	40	273	2,021	243	1,055	8,274	8,694	9,789	6,966
1,542	1,710	970	873	2,662	3,051	1,844	1,808	12,173	15,246	9,101	8,279
155,227	111,312	84,035	36,651	36,117	142,786	20,122	56,020	550,194	589,996	334,443	238,635
No.	No.			No.	No.			No.	No.		
14,985	49,078	111	346	3,776	1,420	48	24	148,955	199,095	1,017	1,203
250,608	224,088	8,864	8,934	283,866	510,948	8,787	16,535	803,765	1,053,408	28,421	35,053
Cwts.	Cwts.			Cwts.	Cwts.			Cwts.	Cwts.		
11,290	450	1,516	53	4,500	13,235	301	1,414	25,295	27,840	2,876	3,147
No.	No.			No.	No.			No.	No.		
181,034	171,234	569	651	680,196	655,584	1,642	2,454	1,491,060	1,865,934	3,546	4,130
Cwts.	Cwts.			Cwts.	Cwts.			Cwts.	Cwts.		
5,698	6,590	1,587	1,690	12,093	11,660	2,130	1,743	20,639	22,458	4,514	4,321
-	-	12,647	11,674	-	-	12,908	22,170	-	-	40,474	47,854
-	-	67,282	48,325	-	-	39,030	78,700	-	-	374,917	286,489

## APPENDIX

## SCHEDULE OF LICENCE DUTIES payable in each District on Engines

DISTRICT.	1.	2.	3.	4.	5.	6.	7.	8.	9.
	Salmon Rods.	Cross Lines.	Snap Nets.	Draft Nets.	Drift Nets.	Trammel Nets for Pollen.	Draft Nets for Pollen.	Pole Nets.	Bag Nets.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Dublin ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
2. Wexford ...	1 0 0	2 0 0	0 15 0	0 3 0	0 1 10 0	0	-	2 0 0	
3. Waterford ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
4. Lisnore ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
5. Cork ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
6 <sup>2</sup> . Skibbereen ...	1 0 0	1 0 0	0 15 0	0 3 0	0 3 0	0 0	-	1 0 0	
6 <sup>2</sup> . Bantry ...	1 0 0	1 0 0	0 15 0	0 3 0	0 3 0	0 0	-	1 0 0	
6 <sup>2</sup> . Kenmare ...	1 0 0	1 0 0	0 15 0	0 3 0	0 3 0	0 0	-	1 0 0	
7 <sup>2</sup> . Kilarney ...	1 0 0	2 0 0	1 0 0	0 3 0	0 3 0	0 0	0 15 0	0 15 0	1 0 0
7 <sup>2</sup> . Waterville ...	1 0 0	2 0 0	1 0 0	0 3 0	0 3 0	0 0	0 15 0	0 15 0	1 0 0
8. Limerick ...	1 0 0	1 5 0	1 10 0	0 3 0	0 3 0	0 0	1 10 0	-	2 0 0
9 <sup>2</sup> . Galway ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	10 0 0
9 <sup>2</sup> . Connemara ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
10 <sup>2</sup> . Ballynakill ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
10 <sup>2</sup> . Banger ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
11. Ballina ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
12. Sligo ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
13. Ballyshannon ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	1 10 0	-	2 0 0
14. Letterkenny ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
15 <sup>2</sup> . Londonderry ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
15 <sup>2</sup> . Coleraine ...	1 0 0	2 0 0	0 15 0	0 3 0	0 3 0	0 0	1 0 0	1 10 0	2 0 0
16. Ballycastle ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
17 <sup>2</sup> . Drogheda ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	
17 <sup>2</sup> . Dundalk ...	1 0 0	2 0 0	1 10 0	0 3 0	0 3 0	0 0	-	2 0 0	

No. 2.

used for Fishing for Salmon, &c., at date of this Report.

10. Fly Nets.	11. Stake Nets.	12. Head Weirs.	13. Box, Crib, &c.	14. Gap, Eye, &c.	15. Sweep- ers.	16. Coghills.	17. Loop Nets.	18 Long Lines for White Trout.	19. Eel Trap.
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
				1 0 0	-	-	-	-	-
				0 10 0	-	1 0 0	-	-	-
				1 0 0	-	-	-	-	-
				1 0 0	-	-	-	-	-
				1 0 0	-	-	-	-	-
				0 10 0	-	-	-	-	-
				0 10 0	-	-	-	-	-
				0 10 0	3 0 0	1 10 0	-	-	-
				0 10 0	-	-	-	-	-
				0 10 0	-	-	-	-	-
				1 0 0	-	-	-	-	-
30 0 0	30 0 0	8 0 0	10 0 0	1 0 0	-	1 0 0	-	-	7 10 0
				1 0 0	-	1 0 0	-	-	-
				1 0 0	-	-	-	-	-
				1 0 0	-	-	-	-	-
				1 0 0	-	-	-	-	-
				1 0 0	-	1 0 0	-	-	-
				0 10 0	-	1 0 0	0 10 0	1 0 0	-
				1 0 0	-	-	-	-	-
				1 0 0	-	3 0 0	-	-	-
				1 0 0	-	0 10 0	-	-	-
				1 0 0	-	1 0 0	0 10 0	-	-
				1 0 0	-	1 0 0	-	-	-

## APPENDIX

## SCHEDULE OF LICENCE DUTIES, &amp;c., received by the

DISTRICT.	Number and Description of Licences sold.																		
	1. Salmon Rods.	2. Cross Lines.	3. Snag Nets.	4. Draft Nets.	5. Drift Nets.	6. Trammel Nets per Pound.	7. Pole Nets.	8. Bag Nets.	9. Fly Nets.	10. Stake Nets.	11. Head Weirs.	12. Beam Traps, &c.	13. Gosh. Flye, &c.	14. Stoppers.	15. Cuckalls.	16. Loop Nets.	17. Draft Nets for Poulton.	18. Letter Lines for White-Point.	19. Red Trap.
1. Dublin	95	-	-	12	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
2. Wexford	113	1	-	86	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
3. Waterford ...	196	-	147	27	83	-	-	1	-	3	-	3	23	-	-	-	-	-	-
4. Lismore	145	1	22	16	86	-	1	-	-	3	-	1	-	-	-	-	-	-	-
5. Cork	128	-	-	35	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Do. (Bandon)	78	1	-	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 <sup>1</sup> . Skibbereen	19	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 <sup>2</sup> . Bantry	2	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 <sup>3</sup> . Kenmare	23	-	-	6	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-
7 <sup>1</sup> . Killarney ...	127	-	-	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 <sup>2</sup> . Waterville	54	-	-	3	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
8. Limerick ...	388	7	15	71	60	-	6	-	-	36	-	11	190	-	-	-	-	-	-
9 <sup>1</sup> . Galway ...	68	-	-	14	-	-	-	-	-	-	-	5	30	-	-	-	-	-	-
9 <sup>2</sup> . Connemara	96	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-
10 <sup>1</sup> . Ballinakill	47	-	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 <sup>2</sup> . Bangor	32	-	-	11	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. Ballina	48	-	-	44	33	-	-	-	-	-	-	7	21	-	-	-	-	-	-
12. Sligo	45	-	-	7	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-
13. Ballyshannon	65	4	-	23	6	-	3	-	-	1	-	5	30	-	-	-	-	-	-
14. Letterkenny	91	-	-	8	151	-	-	1	-	-	-	2	-	-	-	10	-	1	-
15 <sup>1</sup> . Londonderry	244	-	-	60	94	-	3	4	-	3	-	-	-	-	-	-	-	-	-
15 <sup>2</sup> . Colrairie	85	-	-	25	20	70	-	1	-	-	-	4	-	-	48	-	131	-	-
16. Ballycastle	36	-	-	8	11	-	-	13	-	-	-	-	-	-	1	-	-	-	-
17 <sup>1</sup> . Drogheda	78	2	2	99	-	-	-	-	-	-	-	6	-	-	27	-	-	-	-
17 <sup>2</sup> . Dundalk ...	55	-	-	22	-	-	-	1	-	-	-	-	30	-	-	-	-	-	-
Total, 1915	2,358	16	186	699	563	70	15	24	-	46	-	46	334	1	76	19	131	1	-
Total, 1914	2,952	21	200	648	676	73	17	24	-	48	-	46	324	3	61	12	130	1	1

The estimate of the average number of

1. Salmon Rods	...	...	1 man.	6. Trammel Nets	...	...	2 men
2. Cross Lines	...	...	2 men.	7. Pole Nets	...	...	3 do.
3. Snag Nets	...	...	4 do.	8. Bag Nets	...	...	4 do.
4. Draft Nets	...	...	6 do.	9. Fly Nets	...	...	4 do.
5. Drift Nets	...	...	5 do.	10. Stake Nets	...	...	4 do.



No. 3.

BOARDS OF CONSERVATORS for the year 1915.

Amount of Licence Duty.	Percentage on Poor Law Valuation.	Amount received for Fines, Sale of Forfeited Engines, Interest on Bank Account, Refunds, &c.	Amount of Subscriptions received.	Total Amount received.	Average No. of persons employed.	DISTRICT.
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		
142 0 0	7 10 0	—	30 6 0	170 16 0	185	1. Dublin.
275 0 0	18 18 0	13 5 4	—	407 3 4	604	2. Wexford.
800 10 0	55 12 0	37 11 0	109 0 0	1,101 13 0	1,425	3. Waterford.
588 0 0	217 12 0	56 18 8	205 0 3	1,067 10 11	777	4. Lismore.
281 0 0	49 17 0	74 6 7	366 0 9	771 13 4	428	5. Cork.
176 0 0	2 18 0	0 10 0	57 0 0	245 8 0	72	Do. (Bandon)
34 0 0	—	0 0 0	25 0 0	59 0 0	49	6 <sup>a</sup> . Skibbereen.
20 0 0	—	0 14 0	17 10 0	38 4 0	38	6 <sup>b</sup> . Bantry.
51 0 0	3 5 0	—	80 0 0	137 5 0	60	6 <sup>c</sup> . Kenmare.
262 0 0	28 6 0	15 0 8	300 4 8	606 0 4	397	7 <sup>a</sup> . Killarney.
83 0 0	—	10 10 5	63 0 0	156 10 5	73	7 <sup>b</sup> . Waterville.
2,204 5 0	81 10 6	92 10 4	514 14 2	2,803 0 0	1,735	8. Limerick.
190 0 0	5 11 0	22 13 10	63 0 0	301 4 10	214	9 <sup>a</sup> . Galway.
100 0 0	83 2 0	2 3 4	—	185 5 4	104	9 <sup>b</sup> . Connemara.
92 0 0	—	2 3 10	78 7 6	172 11 4	137	10 <sup>a</sup> . Ballynaskill
115 0 0	15 14 0	—	40 0 0	170 14 0	156	10 <sup>b</sup> . Bangor.
370 0 0	11 0 0	1 14 4	250 0 0	632 14 4	522	11. Ballina.
72 0 0	33 10 0	—	255 12 6	361 2 6	99	12. Sligo.
276 0 0	3 0 0	7 14 0	270 3 6	536 18 3	316	13. Ballyshannon.
608 10 0	22 10 0	17 7 4	—	618 7 4	921	14. Letterkenny.
842 0 0	—	98 0 2	160 0 0	1,100 0 2	1,111	15 <sup>a</sup> . Londonderry.
680 10 0	4 0 0	47 10 3	80 0 0	812 0 3	791	15 <sup>b</sup> . Coleraine.
223 10 0	5 0 0	8 4 2	—	236 14 2	192	16. Ballycastle.
469 0 0	18 14 0	1 0 0	65 13 0	557 7 0	714	17 <sup>a</sup> . Drogheda.
161 0 0	16 18 0	2 13 4	—	180 11 4	251	17 <sup>b</sup> . Dundalk.
9,318 5 0	684 7 6	526 0 1	3,051 1 4	13,379 13 11	11,610	Total, 1915.
10,230 15 0	964 16 0	804 4 11	3,715 15 2	15,715 11 1	12,572	Total, 1914.

men employed is made up as follows:—

1. Head Weirs	... 1 man.	16. Loop or Frame Nets	... 1 man.
12. Box, Crib, etc. (every 5)	... 2 men	17. Draft Nets for Pellen	... 2 men.
13. Gap, Bye, etc.	... 2 do.	18. Long Lines	... 3 do.
14. Sweepers	... 6 do.	19. Eel Trap	... 3 do.
15. Cogbills	... 1 man.		

## APPENDIX No. 4.

ABSTRACTS OF ACCOUNTS RECEIVED FROM THE  
DIFFERENT DISTRICTS FOR THE YEAR 1915.

## DUBLIN DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,			—	240	7	0
95 Salmon Rod Licences,	95	0	0			
12 Draft Net	36	0	0			
3 Drift Net	9	0	0			
1 Pole Net Licence,	2	0	0			
	<hr/>					
Total Licence Duty,			—	142	0	0
Rates on Valuations of Fisheries,			—	7	10	0
Subscriptions (including £18 8s. from Department of Agriculture and Technical Instruction,			—	80	0	0
				<hr/>		
Total,			—	£420	3	0

The Expenditure was as follows:—

Water Bailiffs,	125	10	0			
Postage,	3	3	1			
Printing and Stationery,	11	4	2			
Travelling and Miscellaneous,	50	7	9			
Salaries.	12	0	0			
	<hr/>					
Total,			—	202	5	0
Balance in Bank,			—	217	18	0
				<hr/>		
				£420	3	0

## WEXFORD DISTRICT

	£	s.	d.	£	s.	d.
Balance from previous year,			—	356	5	10
113 Salmon Rod Licences,	113	0	0			
1 Cross Line Licence,	2	0	0			
86 Draft Net Licences,	258	0	0			
1 Pole Net Licence,	2	0	0			
	<hr/>					
Total Licence Duty,			—	375	0	0
Fines received,			—	8	15	6
Rates on Valuations of Fisheries,			—	18	18	0
Interest on Bank Account,			—	4	9	10
				<hr/>		
Total,			—	£769	9	2

The Expenditure was as follows:—

Water Bailiffs,	371	8	10			
Expenses of Prosecutions,	26	3	4			
Postage,	2	11	5			
Printing and Stationery,	17	6	11			
Travelling and Miscellaneous,	38	6	0			

APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
Proportion of Penalties to Prosecutors,						
Total,	0	13	4			
Balance, {						
In Bank,	306	3	7	451	9	10
In hands of Clerk,	5	15	9	311	19	4
				<hr/>	<hr/>	<hr/>
				£768	9	2

WATERFORD DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,	—	—	—	1,017	3	2
196 Salmon Rod Licences,	196	0	0			
147 Snap Net	220	10	0			
27 Draft Net	81	0	0			
83 Drift Net	249	0	0			
1 Bag Net Licence,	10	0	0			
3 Stake Net Licences,	90	0	0			
3 Box or Crib Licences,	30	0	0			
23 Gap or Eye (for taking Eels) Licences,	23	0	0			
	<hr/>	<hr/>	<hr/>			
Total Licence Duty,	—	—	—	899	10	0
Fines and Costs received,	—	—	—	32	9	4
Produce of Sale of Forfeited Engines,	—	—	—	2	14	8
Rates on Valuations of Fisheries,	—	—	—	55	12	0
Grant from Department of Agriculture and Technical Instruction,	—	—	—	100	0	0
Moiety of Rewards refunded by Department of Agriculture and Technical Instruction for 18 seals killed.	—	—	—	9	0	0
Miscellaneous Receipts,	—	—	—	2	7	0
				<hr/>	<hr/>	<hr/>
Total,	—	—	—	£2,118	16	2

The Expenditure was as follows:—

Water Bailiffs,	800	13	6
Expenses of Prosecutions,	32	18	9
Postage,	7	18	11
Printing and Stationery,	23	13	10
Travelling Expenses,	40	15	8
Miscellaneous do.,	7	14	4
Salaries,	158	3	0
Proportion of Penalties to Prosecutors,	23	5	10
National Health Insurance,	20	7	6
Insurance of Employees under Workmens Compensation Acts,	23	3	10
Commission on Sale of Licences, &c.,	35	16	6
Motor Launch Expenses,	17	11	6

## APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
Rent of Office,	10	0	0			
Rewards for killing Seals, Otters and Cormorants,	33	17	6			
Total,	<hr/>			1,240	0	8
Balance in Bank,	920	4	6			
Less amount due to Clerk,	41	9	0			
	<hr/>					
				878	15	6
				<hr/>		
				£2,118	16	2
LISMORE DISTRICT.						
	£	s.	d.	£	s.	d.
Balance from previous year:—						
In Bank,	587	18	2½	617	18	2
In hands of Licence Distributors,	30	0	0½			
Due to Clerk,	<hr/>			8	13	10
				<hr/>		
				614	4	4
145 Salmon Rod Licences,	145	0	0			
1 Cross Line Licence,	2	0	0			
22 Snap Net Licences,	33	0	0			
16 Draft Net „	48	0	0			
86 Drift Net „	258	0	0			
1 Pole Net Licence,	2	0	0			
3 Stake Net Licences,	90	0	0			
1 Box or Crib Licence,	10	0	0			
	<hr/>					
Total Licence Duty,	<hr/>			588	0	0
Fines received,	<hr/>			37	11	4
Produce of Sales of Forfeited Engines,	<hr/>			9	6	10
Rates on Valuations of Fisheries,	<hr/>			217	12	0
Subscriptions (including £117 12s. from Department of Agriculture and Technical Instruction in connection with Artificial Propagation and £6 10s. 0d. in connection with the destruction of Seals),	<hr/>			205	0	3
Interest on Bank Account,	<hr/>			10	0	6
				<hr/>		
Total,				£1,681	15	3
The Expenditure was as follows:—						
Water Bailiffs,	534	5	3			
Expenses of Prosecutions,	1	2	6			
Postage,	6	2	8			
Printing and Stationery,	11	8	19			
Travelling Expenses,	58	18	9			
Miscellaneous Expenses	40	5	10			
Salaries,	120	0	0			
Commission on Sale of Licences,	28	2	0			

APPENDIX No. 4—continued.

	£ s. d.	£ s. d.
Proportion of Penalties to Prosecutors and Special Rewards to R. I. Constabulary,	17 3 4	
Rewards for killing Seals and Otters,	15 5 0	
Insurance,	34 6 1	
Rates, Rent of Boathouse, Bailiffs' Cottages and Hatcheries,	62 15 6	
Expenses of Banteer and Mallow Hatchery,	36 1 0	
Launch and Boat Expenses,	50 13 7	
<b>Total,</b>	—	1,016 10 4
Balance—In Bank,	615 14 0	
In hands of Clerk,	49 10 7	
	—	665 4 11
		£1,681 15 3

CORK DISTRICT.

	£ s. d.	£ s. d.
Balance from previous year,	—	522 14 5
128 Salmon Rod Licences,	128 0 0	
45 Drift Net, „	135 0 0	
6 Drift Net „	18 0 0	
<b>Total Licence Duty,</b>	—	281 0 0
Fines received, „	—	20 13 10
Rates on Valuations of Fisheries,	—	49 17 0
Subscriptions (including £280 19s. from Department of Agriculture and Technical Instruction),	—	366 9 9
Interest on Bank Account,	—	6 2 9
Proceeds on Sale of Launch,	—	47 10 0
<b>Total,</b>	—	£1,294 7 9

The Expenditure was as follows:—

Water Bailiffs,	421 16 0	
Expenses of Prosecutions,	15 17 3	
Postage, Printing and Stationery,	8 8 3	
Travelling and Miscellaneous Expenses,	188 19 5½	
Salaries and Commission,	115 15 0	
Proportion of Penalties to Prosecutors,	4 3 4	
<b>Total,</b>	—	754 19 8½
Balance {In Bank,	535 17 2 }	539 8 0½
{In hands of Clerk,	3 10 10½ }	
	—	£1,294 7 9

## APPENDIX No. 4—continued.

## CORK DISTRICT (Bandon Division).

	£	s.	d.	£	s.	d.
Balance from previous year, . . . . .				150	17	10
78 Salmon Rod Licences, . . . . .	78	0	0			
1 Cross Line Licence, . . . . .	2	0	0			
32 Draft Net Licences, . . . . .	96	0	0			
	<hr/>					
Total Licence Duty, . . . . .				176	0	0
Fines received, . . . . .					9	10
Rates on Valuation of Fisheries, . . . . .					2	18
Subscriptions received (including £38 from Department of Agriculture and Technical Instruction), . . . . .					57	0
					<hr/>	
Total, . . . . .				£396	5	10

The Expenditure was as follows:—

Water Bailiffs, . . . . .	119	11	6			
Expenses of Prosecutions, . . . . .	3	14	6			
Postage and Stationery, . . . . .	1	0	0			
Printing and Advertising, . . . . .	2	17	0			
Travelling and Miscellaneous Expenses, . . . . .	18	10	1			
Salaries, . . . . .	60	0	0			
Proportion of Penalties to Prosecutors, . . . . .	3	3	4			
Commission on sale of Licences, . . . . .	8	16	0			
Insurance under Workmen's Compensation Acts, . . . . .	6	4	10			
National Health Insurance, . . . . .	2	18	8			
	<hr/>					
Total, . . . . .				226	15	11
Balance in Bank, . . . . .	166	8	4			
In hands of Clerk, . . . . .	3	1	7			
	<hr/>					
				169	9	11
				<hr/>		
				£396	5	10

## SKIBBEREEN DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year, . . . . .				32	15	6
19 Salmon Rod Licences, . . . . .	19	0	0			
5 Draft Net „ . . . . .	15	0	0			
	<hr/>					
Total Licence Duty, . . . . .				34	0	0
Grant from Department of Agriculture and Technical Instruction, . . . . .					25	0
Interest on Bank Account, . . . . .					0	9
					<hr/>	
Total, . . . . .				£92	5	3

APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
The Expenditure was as follows:—						
Water Bailiffs,	30	0	0			
Postage,	0	4	9			
Printing and Stationery,	0	0	6			
Travelling and Miscellaneous,	14	4	2			
Salaries,	10	0	0			
Commission on sale of Licences,	1	13	0			
Proportion of Penalties to Prosecutors,	1	10	0			
	<hr/>					
Total,	—	—	—	57	12	5
In Bank,	—	—	—	34	12	10
				<hr/>		
				£92	5	3

BANTRY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,	—	—	—	29	8	8
2 Salmon Rod Licences,	2	0	0			
6 Draft Net Licences,	18	0	0			
	<hr/>					
Total Licence Duty,	—	—	—	20	0	0
Interest on Bank Account,	—	—	—	0	14	0
Subscriptions (including £15 from Department of Agriculture and Technical Instruction),	—	—	—	17	10	0
	<hr/>					
Total,	—	—	—	£67	12	8

The Expenditure was as follows:—

Water Bailiffs,	32	10	0			
Postage,	0	9	0			
Printing and Stationery,	0	9	0			
Travelling and Miscellaneous Expenses,	1	12	6			
Salaries,	10	10	0			
Commission on Sale of Licences,	1	0	0			
	<hr/>					
Total,	—	—	—	46	10	6
Balance in Bank,	—	—	—	21	2	2
				<hr/>		
				£67	12	8

KENMARE DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,	—	—	—	48	19	1
23 Salmon Rod Licences,	23	0	0			
6 Draft Net	18	0	0			
1 Bag Net Licence,	10	0	0			
1 Sweeper Net Licence,	3	0	0			
	<hr/>					
Total Licence Duty,	—	—	—	54	0	0
Subscriptions (including £60 from the Department of Agriculture and Technical Instruction),	—	—	—	80	0	0
Rates on Valuations of Fisheries,	—	—	—	3	5	0
	<hr/>					
Total,	—	—	—	£186	4	1

## APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
The Expenditure was as follows:—						
Water Bailiffs,	94	9	11			
Expenses of Prosecutions,	16	1	4			
Postage,	0	9	7			
Printing and Stationery,	3	10	2			
Travelling and Miscellaneous,	2	2	0			
Salaries,	18	5	0			
	<hr/>					
Total,	—	—	—	134	18	0
Balance in Bank,	—	—	—	51	6	1
				<hr/>		
				£185	4	1

## WATERVILLE DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,				126	2	10
54 Salmon Rod Licences,	54	0	0			
3 Draft Net „	9	0	0			
2 Box or Crib „	20	0	0			
	<hr/>					
Total Licence Duty,	—	—	—	83	0	0
Fines received,	—	—	—	9	4	0
Subscriptions (including £40 from the Department of Agriculture and Technical Instruction),	—	—	—	63	0	0
Interest on Bank Account,	—	—	—	1	5	5
Miscellaneous Receipts,	—	—	—	0	1	0
				<hr/>		
Total,	—	—	—	£282	13	3

The Expenditure was as follows:—						
Water Bailiffs,	95	10	0			
Printing and Stationery,	1	0	8			
Travelling and Miscellaneous Expenses,	19	12	0			
Salaries,	60	0	0			
Commission on Sale of Licences,	3	0	0			
Expenses of Prosecutions,	7	16	7			
Proportion of Penalties to Prosecutors,	4	0	0			
	<hr/>					
Total,	—	—	—	190	19	3
Balance in Bank,	—	—	—	91	14	0
				<hr/>		
				£282	13	3

## KILLARNEY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year:—						
A Division,	187	4	4			
B „	45	10	7			
C „	56	11	1			
	<hr/>					
				£289	6	0



APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
127 Salmon Rod Licences,	127	0	0			
45 Draft Net	135	0	0			
<hr/>						
Total Licence Duty,	—			262	0	0
Fines received,	—			14	9	8
Refund,	—			1	0	0
Rates on Valuations of Fisheries,	—			28	6	0
Subscriptions,	—			76	2	0
Amount received from the Department of Agriculture and Technical Instruction for expenses in connection with working Motor Launch for protection purposes,	—			224	2	8
Total,	—			£895	6	4

The Expenditure was as follows:—

Water Bailiffs,	454	0	0			
Expenses of Prosecutions,	3	5	0			
Postage,	3	0	1			
Printing and Stationery,	9	6	9			
Travelling and Miscellaneous Expenses,	98	4	5			
Salaries,	90	0	0			
Commission on Sale of Licences,	16	18	0			
Proportion of Penalties to Prosecutors,	10	0	0			
<hr/>						
Total,	—			685	3	3
Balance in Bank, A Division,	206	19	3			
„ B Division,	1	8	8			
„ C Division,	1	15	2			
<hr/>						
				210	3	1
				£895	6	4

LIMERICK DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,	—			2,276	0	7
388 Salmon Rod Licences,	338	0	0			
7 Cross Line	8	15	0			
15 Snap Net	22	10	0			
71 Draft Net	213	0	0			
60 Drift Net	180	0	0			
6 Pole Net	12	0	0			
36 Stake Weir	1,080	0	0			
11 Box or Crib	110	0	0			
190 Eel Gap	190	0	0			
<hr/>						
Total Licence Duty,	—			2,204	5	0
Fines received,	—			54	9	0
Produce of Sales of Seized Fish, Forfeited Engines, etc.,	—			4	17	10

## APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
Refund from Department of Agriculture and Technical Instruction of Expenses of docking and caretaking Motor Boat "Deirdre,"	—	—	—	8	15	0
Rates on Valuations of Fisheries,	—	—	—	81	10	6
Subscriptions (including £425 14s. 2d. from the Department of Agriculture and Technical Instruction),	—	—	—	514	14	2
Interest on Bank Account,	—	—	—	24	17	6
Total,	—	—	—	£5,169	9	7

The Expenditure was as follows:—

Water Bailiffs,	2,255	16	8			
Expenses of Prosecutions,	251	17	2			
Postage,	24	18	6			
Printing and Stationery,	25	7	2			
Travelling and Miscellaneous,	475	9	5			
Salaries,	205	5	0			
Proportion of Penalties to Prosecutors,	25	10	0			
Total,	—	—	—	3,264	3	11
Balance: (In Bank,	1,583	19	5			
(In hands of Clerk,	321	6	3	1,905	5	8
				£5,169	9	7

## GALWAY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year:—						
In Bank,	50	19	3			
Less due Bank on Petty Cash Account,	32	2	4			
				18	16	11
68 Salmon Rod Licences,	68	0	0			
14 Draft Net	42	0	0			
5 Box or Crib	50	0	0			
30 Gaps, Eyes or Basket Licences,	30	0	0			
Total Licence Duty,	—	—	—	190	0	0
Refunds,	—	—	—	11	13	10
Fines received,	—	—	—	11	0	0
Subscriptions (including £40 from Department of Agriculture and Technical Instruction),	—	—	—	83	0	0
Rates on Valuation of Fisheries,	—	—	—	5	11	0
				£320	1	9

APPENDIX No. 4—*continued.*

	£	s.	d.	£	s.	d.
The Expenditure was as follows:—						
Water Bailiffs,	203	8	2			
Expenses of Prosecutions,	0	6	8			
Postage,	5	8	1			
Printing and Stationery,	5	10	2			
Travelling and Miscellaneous,	98	0	0			
Proportion of Penalties to Prosecutors,	1	6	8			
Total,	—			313	19	9
*Balance { In Bank,	34	0	11			
{ Due to Bank on						
{ Petty Cash Account,	27	18	11			
	—			6	2	0
				£320	1	9

CONNEMARA DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,			—	114	16	0
96 Salmon Rod Licences,	96	0	0			
4 Gap, Eye or Basket Licences,	4	0	0			
Total Licence Duty,	—			100	0	0
Fines received,	—			2	3	4
Rates on Valuation of Fisheries,	—			83	2	0
Total,	—			300	1	4

The Expenditure was as follows:—

Water Bailiffs,	163	10	0			
Expenses of Prosecutions,	3	2	0			
Postage,	1	17	2			
Printing and Stationery,	2	19	0			
Travelling and Miscellaneous,	11	14	2			
Salaries,	25	0	0			
Commission on Sale of Licences,	1	16	0			
Total,	—			209	18	4
Balance in Bank,	—			90	3	0
				£300	1	4

\*No. 2 Account.

Abstract of Account with the Corrib Fisheries Association from 1st October, 1914, to 30th September, 1915.

	£	s.	d.		£	s.	d.
Balance in hands,	23	5	7	Expended by Board on account of the Corrib Fisheries Association,	219	12	5
Cash received from Corrib Fisheries Association,	213	0	7	Refunded to the Association,	16	13	9
	—				—		
	£236	6	2		£236	6	2

## APPENDIX No. 4—continued.

## BALLYNARILL DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,			—	107	15	6
47 Salmon Rod Licences,	47	0	0			
15 Draft Net	15	0	0			
	<hr/>					
Total Licence Duty,			—	92	0	0
Fines received,			—	2	3	10
Subscriptions,			—	78	7	0
	<hr/>					
Total,			—	£280	6	10

The Expenditure was as follows:—

Water Bailiffs,	141	3	6			
Expenses of Prosecutions,	7	9	0			
Postage,	1	0	0			
Printing and Stationery,	0	5	4			
Travelling and Miscellaneous,	3	10	0			
Salaries,	23	0	0			
Commission,	5	4	11			
	<hr/>					
Total,			—	181	12	9
Balance in Bank,			—	98	14	1
	<hr/>					
				£280	6	10

## RANGOR DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,			—	224	5	0
32 Salmon Rod Licences,	32	0	0			
11 Draft Net	33	0	0			
10 Drift Net	30	0	0			
2 Bag Net	20	0	0			
	<hr/>					
Total Licence Duty,			—	115	0	0
Rates on Valuations of Fisheries,			—	15	14	0
Grant from Department of Agriculture and Technical Instruction,			—	40	0	0
	<hr/>					
Total,			—	£394	19	0

The Expenditure was as follows:—

Water Bailiffs,	147	12	8			
Printing and Stationery,	2	0	6			
Commission on Sale of Licences,	1	12	0			
Travelling and Miscellaneous Expenses,	1	7	0			
Salaries,	30	0	0			
Premium on Bailiff's Insurance,	8	0	10			
Expenses of Prosecutions,	0	6	8			
	<hr/>					
Total,			—	190	19	8
Balance, (In Bank,	169	0	2			
(In hands of Clerk,	34	19	2			
	<hr/>					
				208	19	4
	<hr/>					
				£394	19	0

APPENDIX No. 4—continued.

BALLINA DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year, . . . . .	—	—	—	234	3	0
48 Salmon Rod Licences, . . . . .	48	0	0			
44 Draft Net . . . . .	132	0	0			
33 Drift Net . . . . .	99	0	0			
7 Box or Crib . . . . .	70	0	0			
21 Eel Gap Licences. . . . .	21	0	0			
<hr/>						
Total Licence Duty, . . . . .	—	—	—	370	0	0
Fines received, . . . . .	—	—	—	1	14	4
Rents on Valuations of Fisheries, . . . . .	—	—	—	11	0	0
Grant from Department of Agriculture and Technical Instruction, . . . . .	—	—	—	250	0	0
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Total, . . . . .	—	—	—	£866	17	4
The Expenditure was as follows:—						
Water Bailiffs, . . . . .	583	0	0			
Printing and Stationery, . . . . .	0	15	0			
Travelling and Miscellaneous, . . . . .	8	0	0			
Salaries, . . . . .	40	0	0			
Proportion of Penalties to Prosecutors . . . . .	2	8	4			
Insurance of Employees, . . . . .	10	19	9			
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Total, . . . . .	—	—	—	645	3	1
Balance { In Bank, . . . . .	214	17	0			
{ In hands of Clerk, . . . . .	6	17	3			
<hr/>						
				221	14	3
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				£866	17	4

SLIGO DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year, . . . . .	—	—	—	73	4	10
45 Salmon Rod Licences, . . . . .	15	0	0			
7 Draft Net . . . . .	21	0	0			
6 Eel Net . . . . .	6	0	0			
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Total Licence Duty, . . . . .	—	—	—	72	0	0
Rates on Valuations of Fisheries, . . . . .	—	—	—	33	10	0
Subscriptions (including £80 from the Department of Agriculture and Technical Instruction), . . . . .	—	—	—	255	12	6
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Total, . . . . .	—	—	—	£434	7	4
The Expenditure was as follows:—						
Water Bailiffs, . . . . .	362	12	6			
Postage, . . . . .	1	10	0			
Printing and Stationery, . . . . .	4	16	2			
Travelling and Miscellaneous Expenses, . . . . .	13	12	2			
Salaries, . . . . .	35	0	0			
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Total, . . . . .	—	—	—	£417	10	10
Balance in Bank, . . . . .	—	—	—	16	16	6
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				£434	7	4

## APPENDIX No. 4—continued.

## BALLYSHANNON DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year, . . . . .				260	15	1
65 Salmon Rod Licences, . . . . .	65	0	0			
4 Cross Line " . . . . .	8	0	0			
28 Draft Net " . . . . .	69	0	0			
6 Drift Net " . . . . .	18	0	0			
3 Pole Net " . . . . .	6	0	0			
1 Stake Net Licence, . . . . .	30	0	0			
5 Box or Crib Licences, . . . . .	50	0	0			
30 Gap or Eye " . . . . .	30	0	0			
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Total Licence Duty, . . . . .				276	0	0
Fines received, . . . . .				5	19	8
Rates on Valuations of Fisheries, . . . . .				3	0	0
Subscriptions (including £23 from the Department of Agriculture and Technical Instruction), . . . . .				270	3	6
Interest, . . . . .				1	15	1
	<hr/>					
Total, . . . . .				£817	13	4
The Expenditure was as follows:—						
Water Bailiffs, . . . . .	494	5	6			
Expenses of Prosecutions, . . . . .	3	8	8			
Law Costs, recovering 10 per cent. Rate, . . . . .		0	16	11		
Postage, . . . . .		2	10	0		
Printing and Stationery, . . . . .		3	0	7		
Miscellaneous Expenses, . . . . .		2	0	0		
Salaries, . . . . .	60	0	0			
	<hr/>					
Total, . . . . .				566	1	8
Balance in Bank, . . . . .				251	11	8
	<hr/>					
				£817	13	4

## LETTERKENNY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year, . . . . .				2	17	7
91 Salmon Rod Licences, . . . . .	91	0	0			
8 Draft Net " . . . . .	24	0	0			
151 Drift Net " . . . . .	453	0	0			
1 Bag Net Licence, . . . . .	10	0	0			
2 Box Licences, . . . . .	20	0	0			
19 Loop Net " . . . . .	9	10	0			
1 Long Line for White Trout Licence, . . . . .	1	0	0			
	<hr/>					
Total Licence Duty, . . . . .				608	10	0
Fines received, . . . . .				10	13	4
Produce of Sale of Forfeited Engines, . . . . .				0	5	0
Rates on Valuations of Fisheries, . . . . .				22	10	0
Interest on Bank Account, . . . . .				6	9	0
	<hr/>					
Total, . . . . .				651	4	11
Due to Bank, . . . . .				30	8	2
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				£681	13	1

APPENDIX No. 4—*continued.*

	£	s.	d.	£	s.	d.
The Expenditure was as follows:—						
Water Bailiffs,	489	3	4			
Expenses of Prosecutions,	11	11	0			
Postage,	5	14	9			
Printing and Stationery,	8	7	2			
Travelling and Miscellaneous,	61	9	6			
Salaries,	90	17	4			
Rewards for killing Seals,	14	10	0			
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Total,	—			£681	13	1

LONDONDERRY DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,	—			262	9	4
244 Salmon Rod Licences,	244	0	0			
60 Draft Net	180	0	0			
94 Drift Net	282	0	0			
3 Pole Net	6	0	0			
1 Bag Net	40	0	0			
3 Stake Net	90	0	0			
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Total Licence Duty,	—			842	0	0
Fines received,	—			10	3	10
Subscriptions (including £80 from Department of Agriculture and Technical Instruction),	—			160	0	0
Loan received from Foyle and Bann Fishery Company to pay Water Bailiffs,	—			81	16	4
Refunds,	—			6	0	0
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Total,	—			£1,362	9	6

The Expenditure was as follows:—

Water Bailiffs,	711	13	2			
Expenses of Prosecutions,	12	18	9			
Printing and Stationery,	6	14	8			
Travelling and Miscellaneous Expenses (including £81 16s. 4d. in repayment of loan to Foyle and Bann Fishery Company),	89	16	8			
Salaries,	95	0	0			
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Total,	—			916	3	3
Balance in Bank,	—			446	6	3
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				£1,362	9	6

COLERAINE DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,	—			52	8	10
85 Salmon Rod Licences,	85	0	0			
25 Draft Net	75	0	0			
20 Drift Net	60	0	0			
70 Trammel Net for Pollen Licences,	70	0	0			

## APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
1 Bag Net Licence, . . . . .	10	0	0			
4 Box or Crib Licences, . . . . .	40	0	0			
48 Coghill Licences, . . . . .	144	0	0			
131 Draft Net for Pollen Licences, . . . . .	196	10	0			
Total Licence Duty, . . . . .	—	—	—	680	10	0
Fines received, . . . . .	—	—	—	43	16	4
Rates on Valuations of Fisheries, . . . . .	—	—	—	4	0	0
Interest on Bank Account, . . . . .	—	—	—	1	13	11
Grant from Department of Agriculture and Technical Instruction, . . . . .	—	—	—	80	0	0
Rent of Boat House, . . . . .	—	—	—	2	0	0
Total, . . . . .	—	—	—	£864	9	1
The Expenditure was as follows:—						
Water Bailiffs, . . . . .	453	5	0			
Expenses of Prosecutions, . . . . .	43	0	10			
Postage, . . . . .	3	13	9			
Printing and Stationery, . . . . .	11	0	10			
Travelling and Miscellaneous, . . . . .	105	18	0			
Salaries, . . . . .	130	0	0			
Proportion of Penalties to Prosecutors, . . . . .	4	11	0			
Commission on sale of Licences, . . . . .	33	6	0			
Total, . . . . .	—	—	—	784	16	11
Balance in Bank, . . . . .	—	—	—	79	12	2
				£864	9	1

## BALLYCASTLE DISTRICT.

	£	s.	d.	£	s.	d.
36 Salmon Rod Licences, . . . . .	36	0	0			
8 Draft Net „ . . . . .	24	0	0			
11 Drift Net „ . . . . .	33	0	0			
13 Bag Net „ . . . . .	130	0	0			
1 Coghill Licence, . . . . .	0	10	0			
Total Licence Duty, . . . . .	—	—	—	223	10	0
Fines received, . . . . .	—	—	—	8	4	2
Rates on Valuations of Fisheries, . . . . .	—	—	—	5	0	0
Total, . . . . .	—	—	—	£236	14	2
The Expenditure was as follows:—						
Water Bailiffs, . . . . .	196	12	10			
Expenses of Prosecutions, . . . . .	6	11	11			
Postage, . . . . .	0	4	8			
Printing and Stationery, . . . . .	2	8	5			
Subscription to Irish Conservators' Association, . . . . .	1	0	0			
Miscellaneous (including reductions on licences), . . . . .	10	11	0			
Salaries, . . . . .	10	0	0			
Commission on Sale of Licences, . . . . .	1	18	0			
Proportion of Penalties to Prosecutors, . . . . .	7	7	4			
Total, . . . . .	—	—	—	£236	14	2



APPENDIX No. 4—continued.

DUNDALE DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,	—	—	—	86	2	4
55 Salmon Rod Licences,	55	0	0			
22 Draft Net	66	0	0			
1 Bag Net Licence,	10	0	0			
30 Eel Gap or Eye Licences,	30	0	0			
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Total Licence Duty,	—	—	—	161	0	0
Fines received,	—	—	—	2	13	4
Rates on Valuations of Fisheries,	—	—	—	16	18	0
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Total,	—	—	—	£266	13	8

The Expenditure was as follows:—

Water Bailiffs,	125	15	0			
Postage,	1	0	0			
Printing and Stationery,	2	2	0			
Travelling and Miscellaneous Ex- penses,	38	6	7			
Salaries,	60	0	0			
Proportion of Penalties to Prose- cutors,	0	13	4			
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Total,	—	—	—	227	16	11
Balance in Bank,	—	—	—	38	16	0
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				£266	13	8

DROGHEDA DISTRICT.

	£	s.	d.	£	s.	d.
Balance from previous year,	—	—	—	372	0	4
78 Salmon Rod Licences,	78	0	0			
2 Cross Line	4	0	0			
2 Snap Net	3	0	0			
99 Draft Net	297	0	0			
6 Box or Crib	60	0	0			
27 Eel	27	0	0			
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Total Licence Duty,	—	—	—	469	0	0
Fines received,	—	—	—	4	0	0
Rates on Valuations of Fisheries,	—	—	—	18	14	0
Subscriptions (including £50 from Department of Agriculture and Technical Instruction),	—	—	—	65	13	0
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Total,	—	—	—	£929	7	4

The Expenditure was as follows:—

Water Bailiffs,	322	2	8			
Expenses of Prosecutions,	25	2	0			
Postage,	3	6	3			
Printing and Stationery,	8	18	6			
Travelling and Miscellaneous Ex- penses,	66	17	6			
Salaries,	114	7	0			

## APPENDIX No. 4—continued.

	£	s.	d.	£	s.	d.
Commission on Collection of Rates, .	2	16	0			
Commission on Sale of Licences, .	1	14	0			
National Health Insurance, .	9	0	0			
Transfer from Current Account to Deposit Account, . . . . .	200	0	0			
	<hr/>					
Total, . . . . .				754	2	11
Balance in Bank, . . . . .	181	13	1			
Pay Orders issued and not pre- sented at Bank, . . . . .	6	8	8			
	<hr/>					
				£929	7	4

## DEPOSIT ACCOUNT.

	£	s.	d.		£	s.	d.
10th February, 1915.				By Cash in Bank as per			
To transfer from Gene- ral to Deposit Ac- count, . . . . .	200	0	0	Deposit Receipt, .	200	0	0

APPENDIX No. 5.

ABSTRACT of BY-LAWS, ORDERS, &c., which have come into force since the date of the Report for the year 1914.

SEA, OYSTER, AND MUSSEL FISHERIES.

**Oysters. Carlingford Lough.**—Dated 17th January, 1916.

1. **Permitting** to take, or have in possession, **American and Portuguese Oysters**, in Carlingford Lough, between the Counties of Louth and Down, by any person possessed of, or interested in, any Oyster Fishery in said Lough, during part of the Close Season for Oysters in said Carlingford Lough, viz.:—from the 1st day of January to the 29th day of June, and from the 1st day of July to the 30th day of November, in each year, all said days inclusive.

2. **Permitting** to take, or have in possession, **Dutch Oysters**, in Carlingford Lough, between the Counties of Louth and Down, by any person possessed of, or interested in, any Oyster Fishery in said Lough, during part of the Close Season for Oysters in said Carlingford Lough, viz.:—from the 1st day of January to the 30th day of April, and from the 1st day of July to the 30th day of November, in each year, all said days inclusive.

**Mussels. Castlemaine Harbour.**—Dated 18th May, 1915.

**Fixing** the period from 1st day of October, 1915, to 31st day of October, 1916, both said days inclusive, during which it shall not be lawful to take or attempt to take Mussels, below low-water mark of Spring tides, in that part of Castlemaine Harbour which lies between imaginary lines drawn

(a) between Lack Bridge in the townland of Lack and Cromane Point in the townland of Cromane Lower, and

(b) between Aughils Bridge in the townland of Aughils and Crow's Point in the townland of Cromane Lower.

SALMON AND TROUT.

**CORK DISTRICT (Cork Division).**

**Salmon Killed by Explosives.**—Dated 10th September, 1915.

**Prohibiting** to have in possession in that part of the No. 5, or Cork District, which comprises the whole of the sea along the Coast between Ballycotton on the East and Barry's Head (East of Oyster Haven) on the West, and all Rivers and their Lakes and Tributaries that flow into the sea between Ballycotton and Barry's Head, any Salmon or Trout which have been illegally killed by means of dynamite or other explosive.

**KILLARNEY DISTRICT.**

**Removing dead Salmon.**—Dated 12th May, 1915.

**Ordaining** that no person shall remove or cause to be removed by any means from any part of the fresh waters of the No. 7<sup>1</sup> or Killarney District any Salmon or Trout or the Fry thereof not killed or taken by lawful means, or any Salmon or Trout or the Fry thereof found dead from any cause whatsoever, PROVIDED ALWAYS that the provisions of this By-Law shall not apply to any Officer of the Board of Conservators of Fisheries for the said District, acting under the instructions of the said Board, or to any owner of a Fishery or his agent acting under the written authority of the said Board, or to any Officer or Constable of the Royal Irish Constabulary or to any Sanitary Officer, in so far as the removal or causing to be removed from said waters of any diseased Salmon or Trout or Fry thereof or of any Salmon or Trout or Fry thereof found dead from any cause whatsoever is concerned.

**GALWAY AND CONNEMARA DISTRICTS.**

**Nets.**—Dated 15th June, 1915.

**Prohibiting** to use, during the months of May and June in each year, inside or landwards of straight lines in the No. 9<sup>1</sup> or Galway District and the No. 9<sup>2</sup> or Connemara District, namely:—from Cloghmore Point, near Cashla Bay, County Galway, to the Lighthouse on Beragh Island, and thence to the Lighthouse on Slyne Head, any Net save (a) Draft Nets for Salmon and Trout (b) Landing Nets used solely as auxiliary to angling with single Rod and Line (c) Drift Nets, used drifting, for Mackerel and Herrings, and (d) Trawl Nets for Sea Fish where such can be legally used.

**DROGHEDA DISTRICT.**

**Mesh of Draft or Seine Nets.**—Dated 25th March, 1915.

**Prohibiting** to use, for the capture of Salmon or Trout, in the No. 17 or Drogheda District, before the 12th day of May in each year, any Draft Net or Seine Net with a mesh of less size than two-and-one-quarter inches from knot to knot, to be measured along the side of the square, or nine inches, to be measured all round each such mesh, such measurements being taken in the clear when the Net is wet.

**DEFINITIONS OF MOUTHS AND ESTUARIES.****DROGHEDA DISTRICT.**

**River Boyne.**—Dated 27th July, 1915.

**Defining** the Boundary Seaward of the Estuary of the River Boyne to be an arc of a circle, of One Mile radius measured from the Maiden Tower and extending between the points at which such circle cuts the High Water Mark of ordinary Spring Tides on the shores of the Counties of Louth and Meath, which said Boundary is marked **E** and more particularly shown upon the Map or Plan thereunto annexed.

**River Delvin.**—Dated 27th July, 1915.

**Defining** the Mouth of the River Delvin to be an imaginary straight line marked **M** on the Map or Plan thereunto annexed, between the eastern faces of the abutments of the railway bridge crossing the said River in the Townland of Gormanston, in the Parish of Stamullin, Barony of Duleek Upper and County of Meath, and the Townland of Knocknagin in the Parish of Balrothery, Barony of Balrothery East, and County of Dublin.

And further defining the Points of the Mouth of the River Delvin from which distances are to be measured under the Fisheries (Ireland) Acts, to be High Water mark on the respective shores of the said River's Mouth, which points are marked **O** and **P** respectively, upon the said Map or Plan of the premises, thereunto annexed, and on which said Map or Plan is also marked out by lines **D** and coloured blue, the distance of half a mile within which Nets are prohibited by the 5th and 6th Vic., Cap. 106, Sec. 27, and the 13th and 14th Vic., Cap. 88, Sec. 44.

And further defining the boundary seaward of the Estuary of the said River to be a line measured at a distance of half a mile from the Mouth thereof in the same manner as the eastern or seaward of the lines **D**, hereinbefore mentioned, and coincident therewith.

**River Nanny.**—Dated 27th July, 1915.

Defining the Mouth of the River Nanny to be the place at which an imaginary straight line, marked **M** on the Map or Plan thereunto annexed, crosses the said River, which line is part of a straight line drawn from the furthest eastern extremity of the house in the Townland of Nineli, in the Parish of Julianstown, Barony of Duleek Lower, and County of Meath, marked "Sea View" on the said Map or Plan, to the furthest eastern extremity of the house in the Townland of Corballis, in the Parish of Ballygarth, in the said Barony and County, marked "Nanny Water Cottage" on the said Map or Plan.

And further defining the Points of the Mouth of the River Nanny from which distances are to be measured under the Fisheries (Ireland) Acts, to be high water mark on the respective shores of the said River's Mouth, which points are marked **O** and **P** respectively, upon the said Map or Plan of the Premises thereunto annexed, and on which said Map or Plan is also marked out by lines **D** and coloured blue, the distance of half a mile within which nets are prohibited by the 5th and 6th Vic., Cap. 106, Sec. 27, and the 13th and 14th Vic., Cap. 88, Sec. 44.

And further defining the boundary seaward of the Estuary of the said River to be two lines marked **E E** on the Map or Plan thereunto annexed, which lines are as follows:—

Line No. 1 the arc of a circle of half a mile radius measured from the eastern extremity of the house marked "Sea View," on the said Map or Plan, extending from the shore on the south of the said River Nanny to the point to seawards where the said arc intersects line No. 2.

Line No. 2 the arc of a circle of half a mile radius measured from the eastern extremity of the house marked "Nanny Water Cottage," on the said Map or Plan, extending from the shore on the north of the said River Nanny to the point to seawards where the said arc intersects line No. 1.

#### APPENDIX No. 6.

TRANSFER OF FIXED NET CERTIFICATE which has been made since date of last Report.

##### *Ballycastle District.*

Certificate No. 71 for a Fixed Draft Net to be used in the Sea off the shores of the County of Antrim, was on 10th August, 1916, transferred to The Right Honourable The Earl of Antrim, of Glenarm Castle, County Antrim.