

**BELGISCHE
ZEEVISSERIJATLAS**

**ATLAS DES PECHES
MARITIMES BELGES**

Instituut voor Zeevisserijwetenschappelijk onderzoek
Institute for Marine Fisheries Research
Prinses Elisabethlaan 10
2000 Antwerpen - Belgium

1968

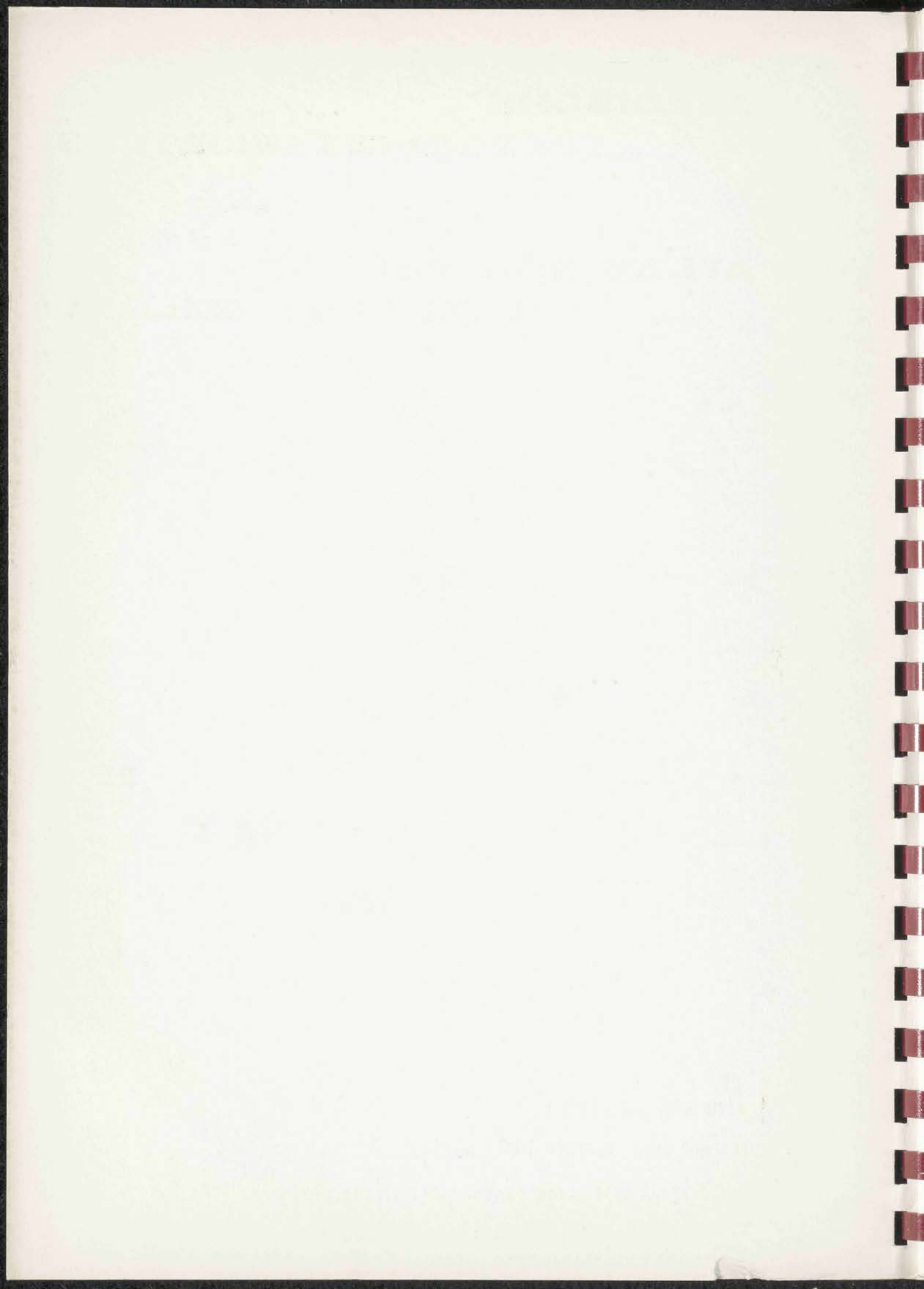


MINISTERIE VAN LANDBOUW

BESTUUR VOOR LANDBOUWKUNDIG ONDERZOEK

RIJKSCENTRUM VOOR LANDBOUWKUNDIG ONDERZOEK (C.L.O.) - GENT

RIJKSSTATION VOOR ZEEVISSERIJ - OOSTENDE



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BELGISCHE VISSERIJATLAS

In het kader van de Commissie voor Toegepast Wetenschappelijk Onderzoek in de Zeevisserij (Voorzitter : F. LIEVENS, directeur-generaal) hebben de heren E. LELOUP en Ch. GILIS vijf atlassen, betrekking hebbende op de kabeljauw-, schelvis, wijting-, schol- en tongvisserij, gepresenteerd. De atlassen behelsden de jaren 1957 tot 1965 : één voor de periode 1957-1961 en één voor ieder van de jaren 1962 tot 1965.

De studie van de heren E. LELOUP en Ch. GILIS werd door het Rijksstation voor Zeevisserij voortgezet met de publicatie van de visserijatlassen 1966 en 1967 ; deze atlassen omvatten eveneens de vissoorten kabeljauw, schelvis, wijting, schol en tong.

Thans wordt de visserijatlas 1968 gepubliceerd.

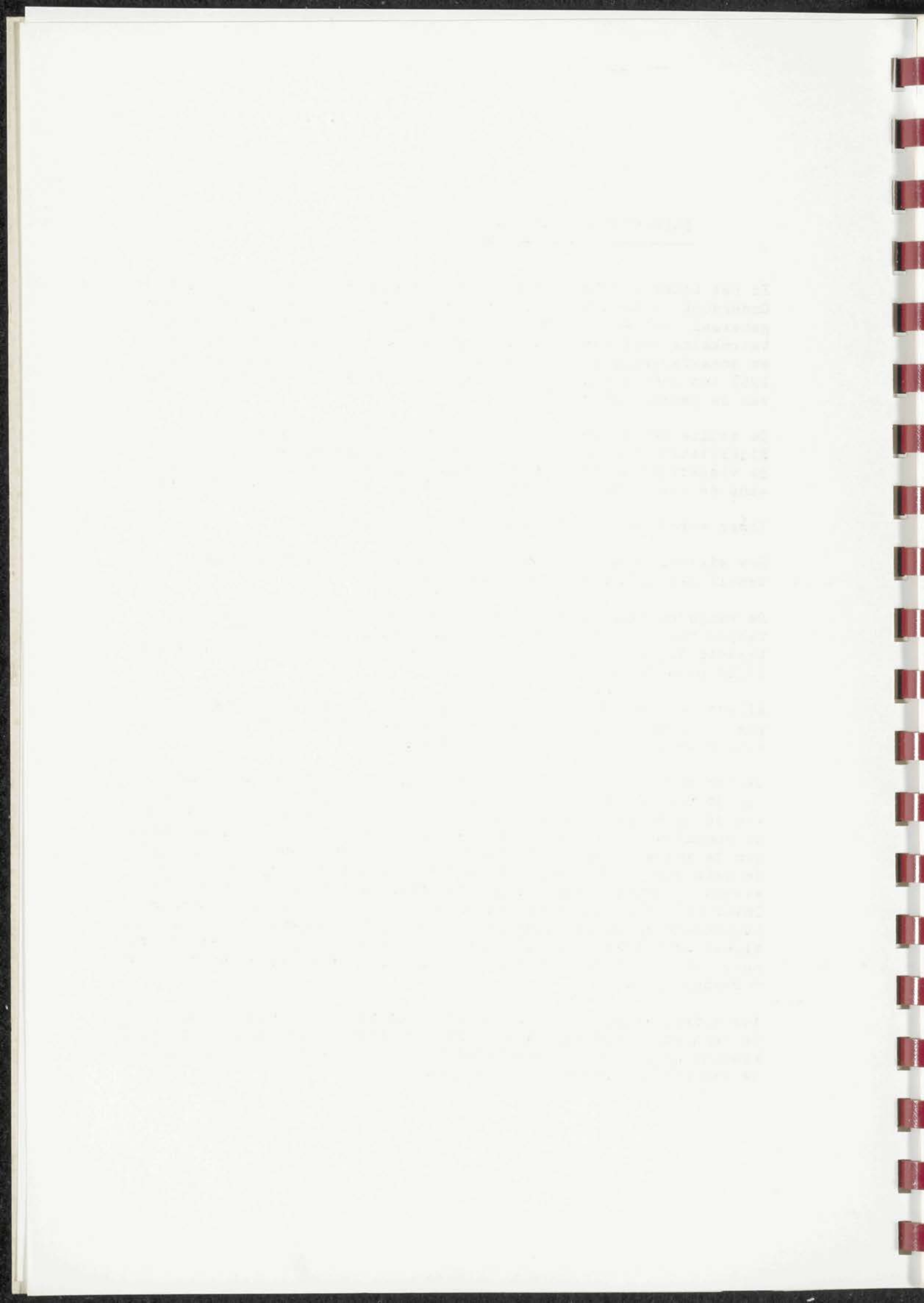
Per vissoort omvat iedere atlas 13 kaarten (1 tot 13), nl. twaalf maandelijks en één jaarlijkse.

De vangsten zijn volgens statistische vakjes ingedeeld. De vakjes van de Noordzee en de aangrenzende wateren meten 0°30' breedte bij 1°00' lengte ; de vakjes van de IJslandse Zee hebben 1°30' breedte bij 4°00' lengte.

Alleen de hoeveelheden herkomstig van de visserij op demersale vis en in de nationale havens Oostende, Zeebrugge en Nieuwpoort aangevoerd, zijn in de gegevens opgenomen.

Gezien het grote aantal en de wijde geografische verspreiding van de vakjes, alsook het feit dat de atlas slechts gewag maakt van de uitslagen over één jaar, is het moeilijk de evolutie van de vangsten in de tijd en in de ruimte te volgen. Om deze leemte aan te vullen, werd voor iedere vissoort een tabel ingelast met de data over vijf jaren ; de geografische verdeling in de tabel steunt op de gebieden die in het "Bulletin Statistique" van de Internationale Raad voor het Onderzoek van de Zee van Kopenhagen in aanmerking worden genomen (kaart A). De gegevens omvatten niet alleen de hoeveelheden afkomstig van de visserij op demersale vis, maar ook de bijvangst door de garnaal-, haring-, en sprotvissers verwezenlijkt.

Een andere tabel (tabel 1) duidt de jaarlijkse evolutie aan van de belangrijkheid van de vissersvloot (aantal vaartuigen en drijfkracht) gedurende de jaren 1964 tot 1968 en dit voor ieder van de zes scheepsklassen afzonderlijk.



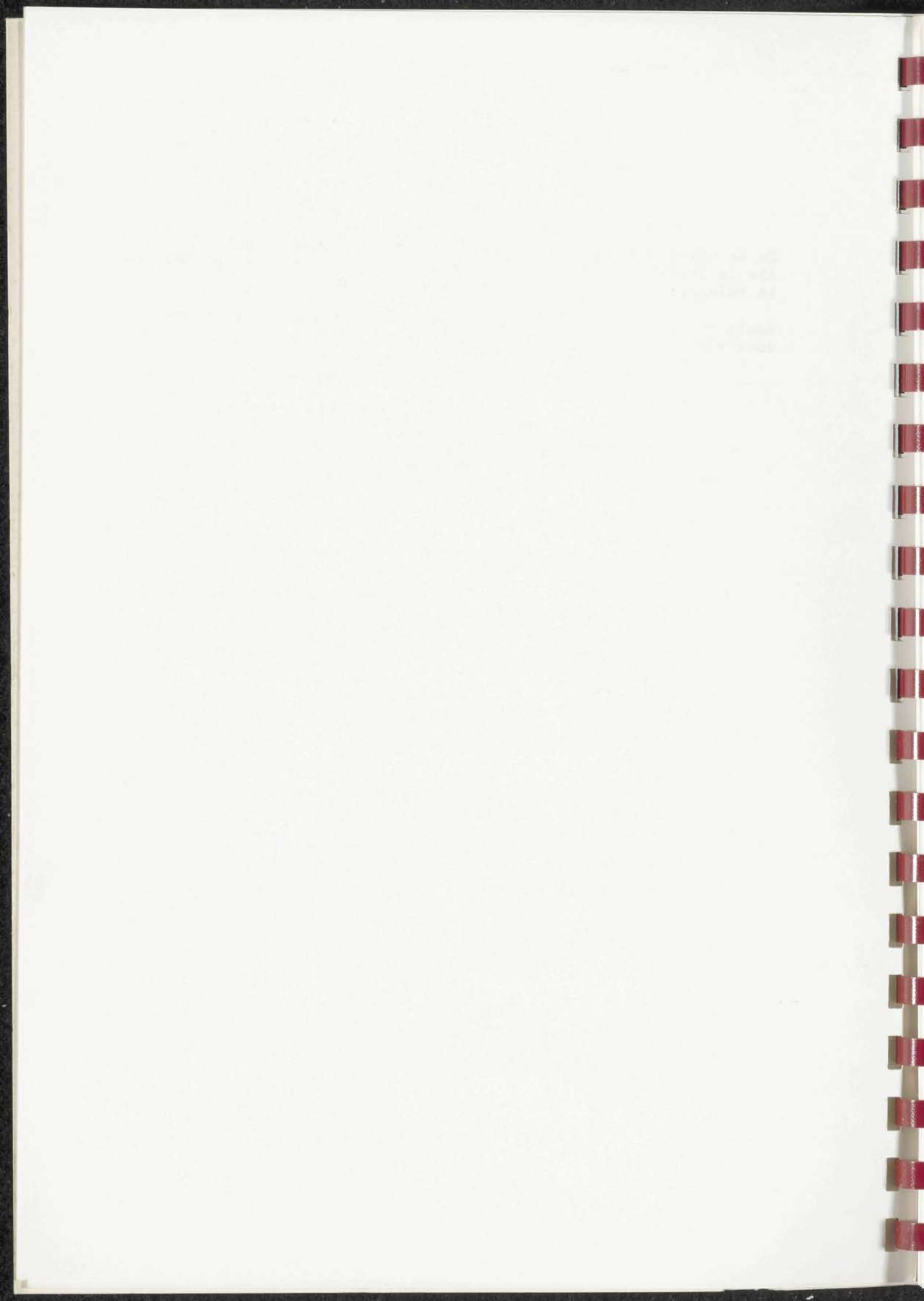
In de atlas werden, per vissoort, ook vier figuren ingelast die de jaarlijkse schommelingen van de vangst met de variaties in belangrijkheid van de vissersvloot confronteren.

Zoals in het verleden, vormt deze atlas een leerrijk materiaal voor vissers en biologen.

Oostende, 3 juli 1969

De Directeur van het Rijksstation
voor Zeevisserij,

Dr. P. HOVART.



ATLAS DES PECHES BELGES

Dans le cadre de la Commission pour la Recherche Scientifique appliquée dans la Pêche Maritime (Président : F. LIEVENS, directeur-général), MM. E. LALOUP et Ch. GILIS ont présenté cinq atlas relatifs à la pêche belge du cabillaud, de l'églefin, du merlan, de la plie et de la sole. Ces atlas se rapportaient aux années 1957 à 1965 : un à la période 1957-1961 et un, à chacune des années 1962 à 1965.

L'étude de MM. E. LALOUP et Ch. GILIS a été poursuivie par la Station de Pêche Maritime avec la publication des atlas 1966 et 1967 ; ces atlas se rapportaient également aux espèces cabillaud, églefin, merlan, plie et sole.

Maintenant l'atlas des pêches 1968 est publié.

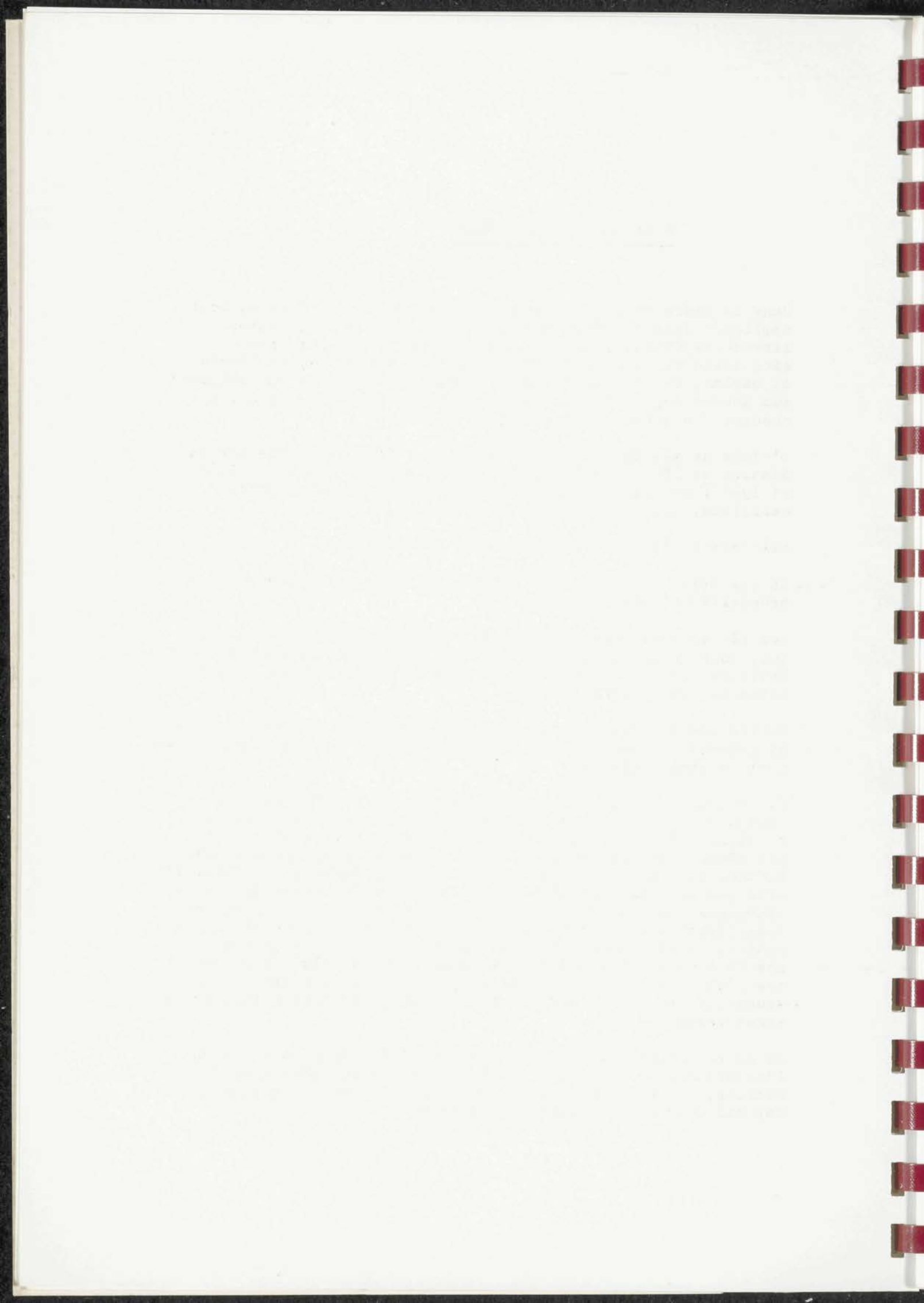
Chaque atlas comprend, par espèce, 13 cartes (1 à 13) : douze mensuelles et une annuelle.

Les pêches sont réparties d'après les rectangles statistiques qui, pour la mer du Nord et les eaux adjacentes, mesurent 0°30' latitude sur 1°00' longitude et pour la mer d'Islande, 1°30' latitude sur 4°00' longitude.

Seules les quantités provenant de la pêche aux poissons démersaux et débarquées dans les ports belges Ostende, Zeebrugge et Nieuwport ne sont signalées.

Vu le nombre élevé et la grande dispersion géographique des rectangles ainsi que le fait qu'un atlas ne mentionne que les résultats d'une année, il est difficile de suivre l'évolution des pêches dans le temps et dans l'espace. Pour combler cette lacune, il est joint pour chaque espèce un tableau récapitulatif avec les données portant sur cinq années ; la répartition géographique dans ce tableau est basée sur les régions prises en considération dans le "Bulletin Statistique" du Conseil International pour l'Exploration de la Mer à Copenhague (carte A). Les données comprennent non seulement les quantités provenant des pêches aux poissons démersaux, mais aussi les prises occasionnelles réalisées par les crevettiers, les harenguiers et les sprattiers.

Un autre tableau (tableau 1) indique l'évolution annuelle de l'importance de la flotte de pêche (nombre de bateaux et force motrice) au cours des années 1964 à 1968 et ce, pour chacune des six classes de navires séparément.



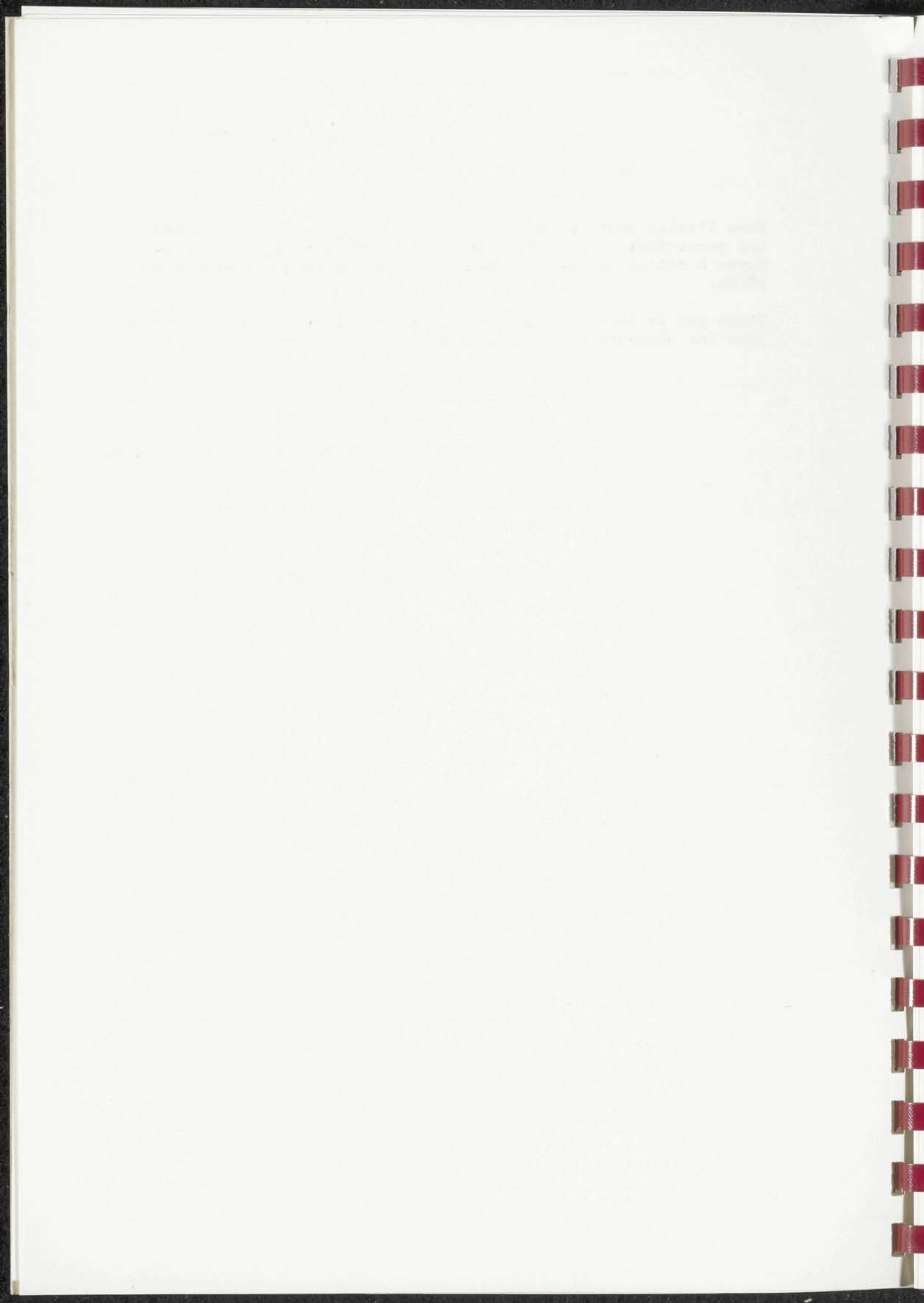
Dans l'atlas sont également insérées par espèce, quatre figures qui permettent de comparer les fluctuations annuelles des captures à celles des variations dans l'importance de la flotte de pêche.

Comme par le passé l'atlas constitue une documentation instructive pour les pêcheurs et les biologistes.

Ostende, le 3 juillet 1969.

Le Directeur de la Station de Pêche Maritime,

Dr. P. HOVART.



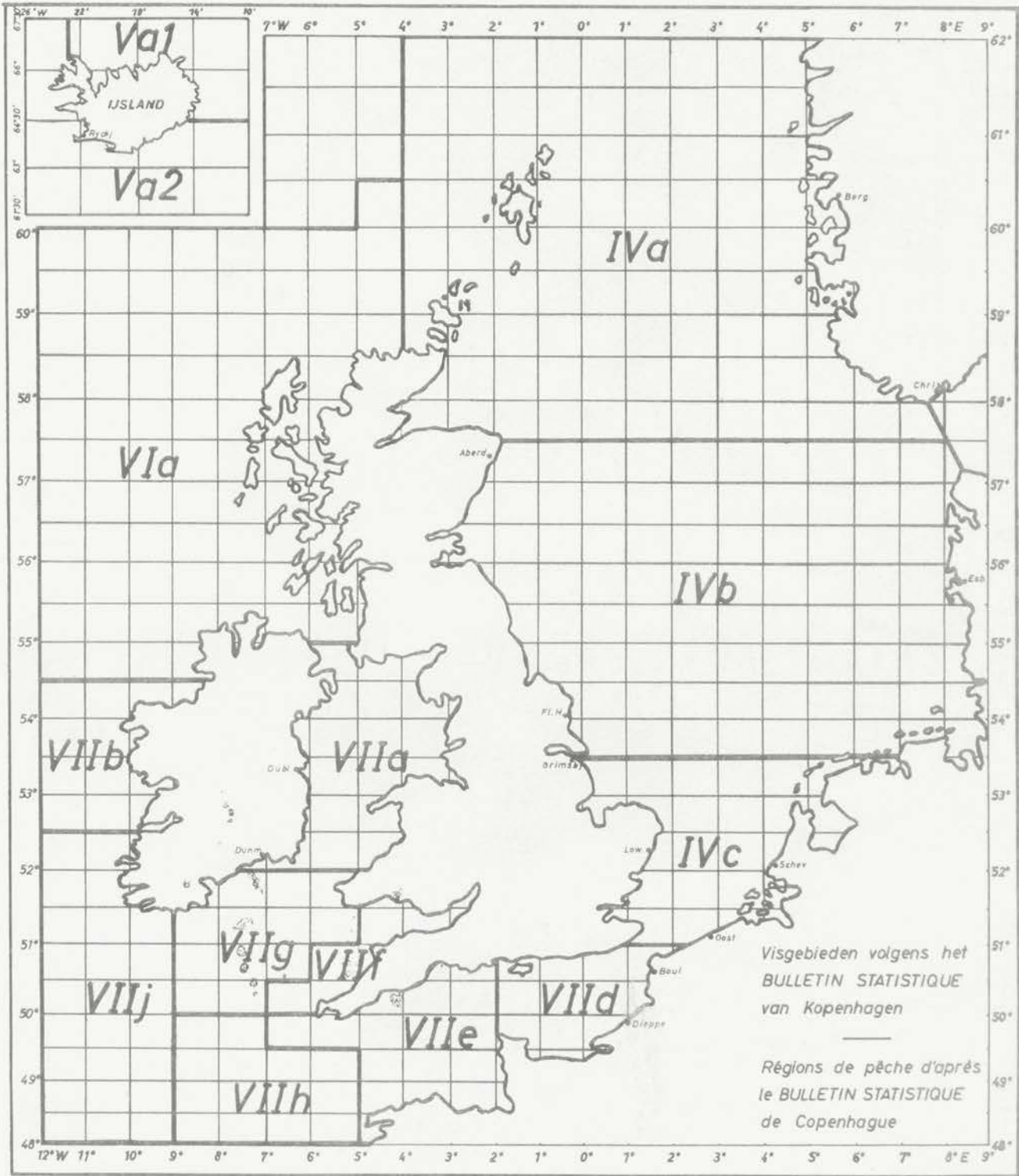
Tabel I - Jaarlijkse evolutie van de belangrijkheid der vissersvloot (1)

Tableau I - Evolution annuelle de l'importance de la flotte de pêche (1)

Jaar Année	Scheepsklassen				Classes de navires		Totaal Total
	I (< 80 pk) Garnaaltreilers Chalutiers crevettiers	II (80-119 pk) Kusttreilers Chalutiers cōtiers	III 120-239 pk) Kleine middenslag tr. Petits chalutiers moyens	IV (240-349 pk) Grote middenslag treilers Grands chalutiers moyens	V (350-499 pk) Kleine diepzee treilers Petits chalutiers hauturiers	VI (> 500 pk) Grote diepzee treilers Grands chalutiers hauturiers	
1. Aantal bedrijvige vaartuigen				1. Nombres de navires en activité			
1964	63	61	156	76	18	15	389
1965	51	56	169	81	20	18	395
1966	51	55	154	91	34	18	403
1967	35	42	144	93	44	29	387
1968	26	37	133	90	49	29	364
2. Drijfkraft (aantal pk)				2. Force motrice (nombre de CV)			
1964	4.231	5.821	24.566	20.894	7.481	14.238	77.231
1965	3.379	5.391	26.749	22.667	8.204	15.071	81.461
1966	3.420	5.216	24.826	29.396	13.937	15.148	91.943
1967	2.363	3.951	23.557	26.605	17.592	22.614	102.400
1968	1.788	3.534	22.522	25.944	19.414	19.215	99.751
3. Gemiddeld aantal pk per vaartuig				3. Nombre moyen de CV par navire			
1964	67	95	156	275	416	949	198
1965	66	96	158	280	410	837	206
1966	67	95	161	323	410	842	228
1967	68	94	164	286	399	780	264
1968	69	95	169	288	396	663	274

(1) Bron : Dienst voor de Zeevisserij

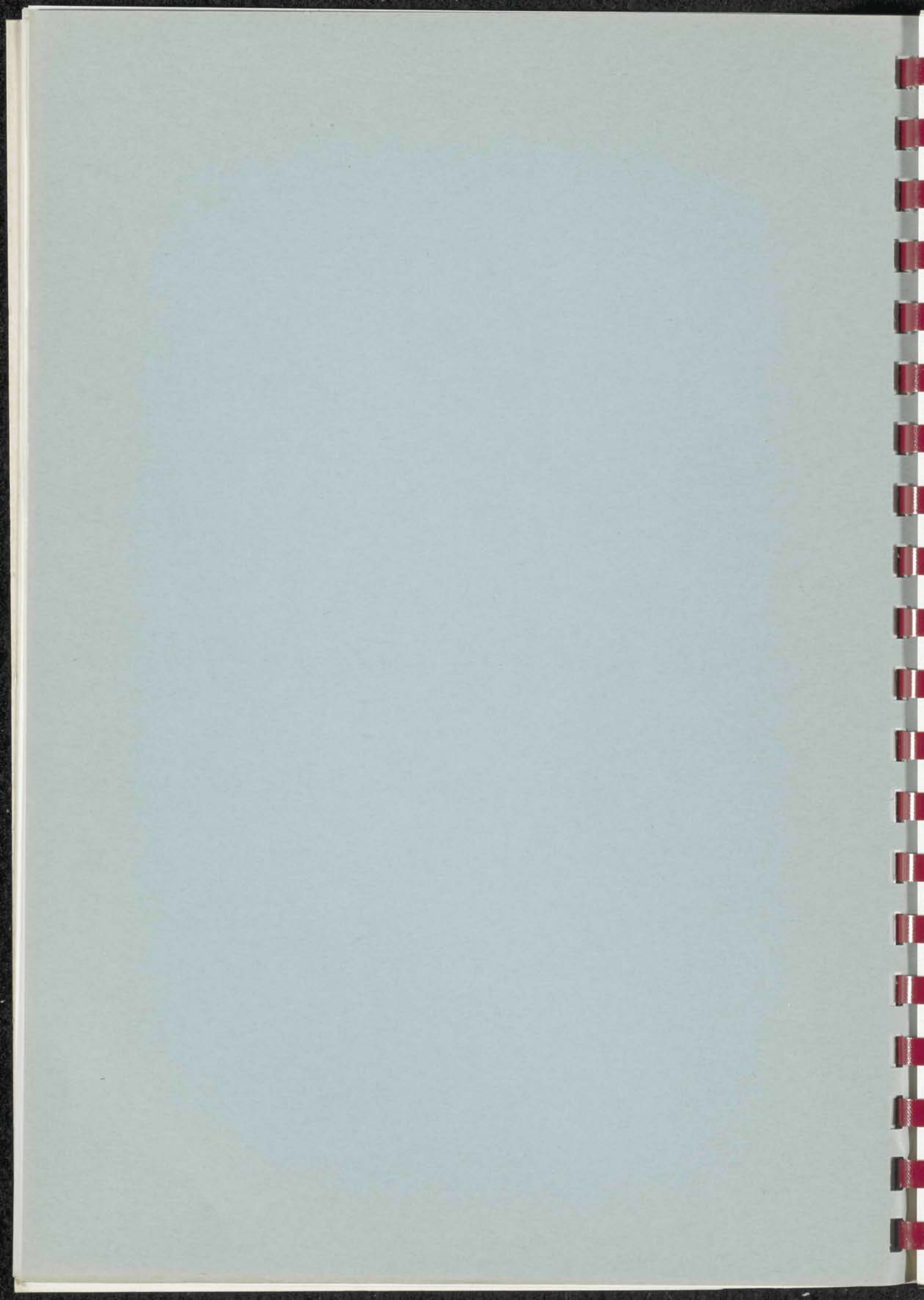
(1) Source : Service de la Pêche Maritime



Visgebieden volgens het
BULLETIN STATISTIQUE
van Kopenhagen

Régions de pêche d'après
le BULLETIN STATISTIQUE
de Copenhague

KABELJAUW - CABILLAUD - GADUS CALLARIAS (L.)

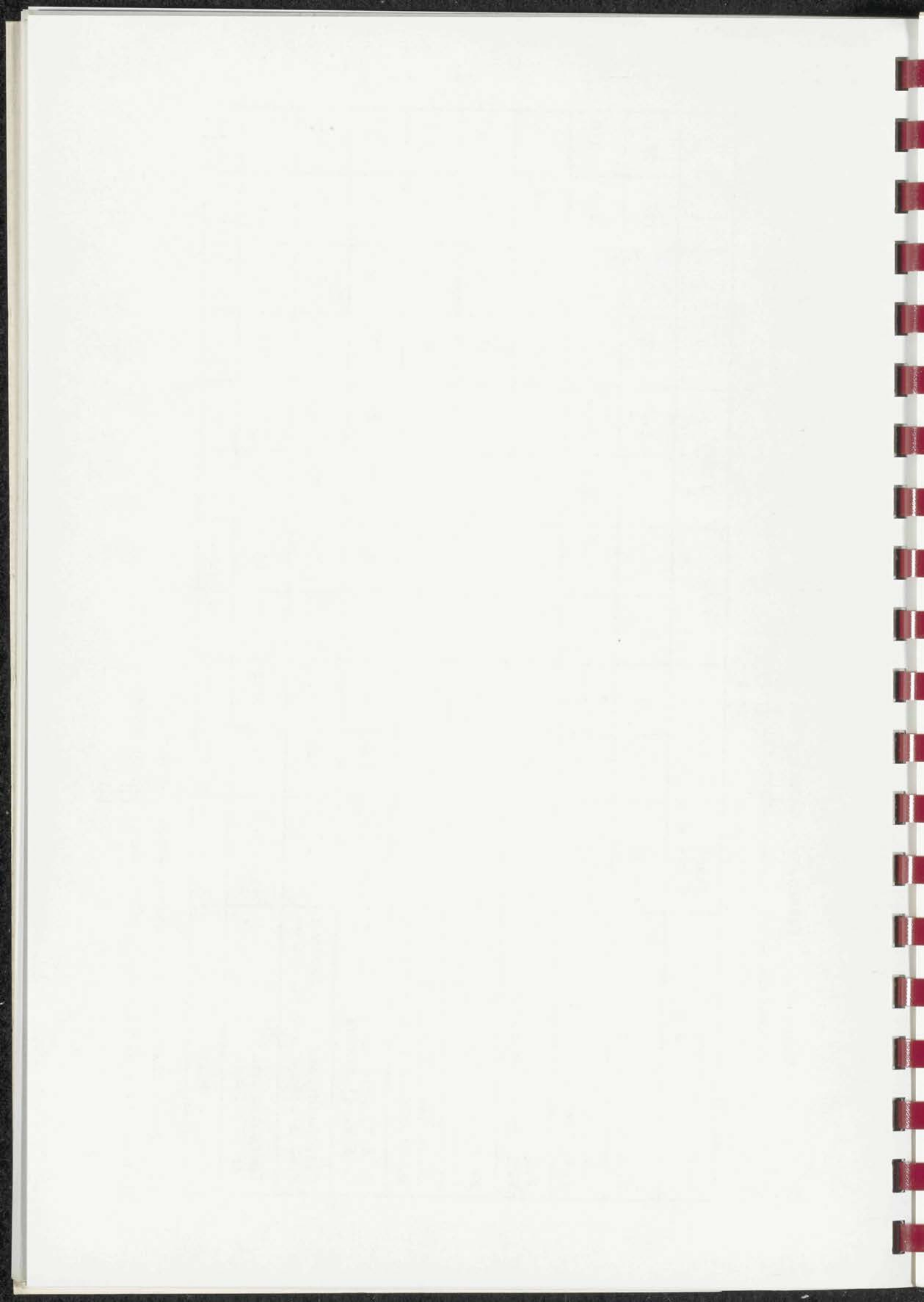


Tabel II - KABELJAUW - Indeling van de jaarlijkse demersale vangst volgens de gebieden (1)
 Tableau II - CABILLAUD - Répartition des pêches annuelles démersales d'après les régions (1)

Gebieden Régions	Kaart A Carte A	1964		1965		1966		1967		1968	
		t	%	t	%	t	%	t	%	t	%
N.Z. Zuid M.N. Méridionale	(IV c)	1766	23.4	6142	45.6	5998	47.5	6774	43.1	7421	36.7
N.Z. Midden M.N. Centrale	(IV b)	1489	19.7	1986	14.7	1869	14.8	5393	34.3	7870	38.8
N.Z. Noord M.N. Septentrionale	(IV a)	704	9.3	708	5.2	397	3.2	326	2.1	650	3.2
Engels Kanaal Manche	(VII d e)	57	0.7	153	1.1	430	3.4	110	0.7	168	0.8
Ierse Zee & Bristol Kan. M. d'Irlande & C. Bristol	(VII a f)	423	5.6	702	5.2	1001	7.9	904	5.7	980	4.8
Z. & W. Ierland S. & W. d'Irlande	(VII bghj)	482	6.4	605	4.6	382	3.0	164	1.0	142	0.7
N.W. Schotland & N. Ierland N.W. d'Ecosse & N. Ierland	(VI a)	41	0.5	10	0.0	109	0.9	55	0.4	74	0.4
IJslandse Zee Mer d'Islande	(Va 1,2)	2597	34.4	3176	23.6	2440	19.3	1990	12.7	2956	14.6
Totaal - Total		7559	100.0	13482	100.0	12626	100.0	15716	100.0	20261	100.0

(1) Bron : Dienst voor de Zeevisserij, Oostende.

(1) Source : Service de la Pêche Maritime, Ostende.



KABEL JAÜW – CABILLAUD

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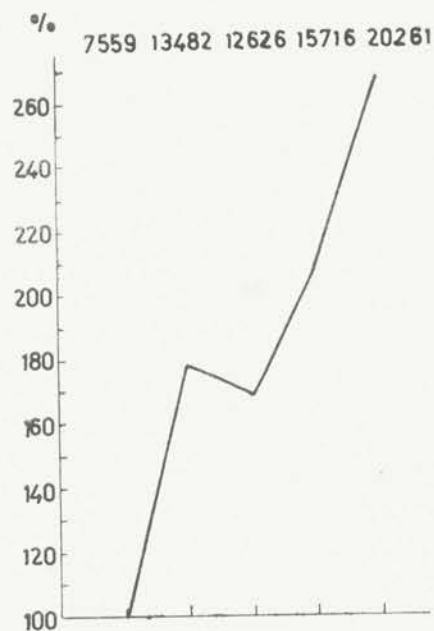


Fig. 1. Jaarlijkse aanvoer 1964 = 100
 Apports annuels 1964 = 100

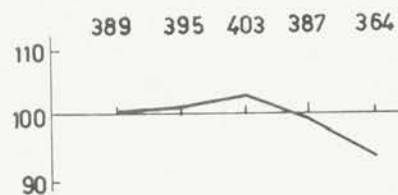


Fig. 2. Aantal bedrijvige vaartuigen
 Nombre de navire en activité

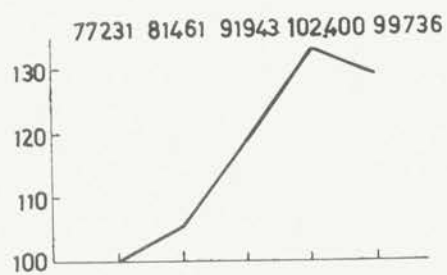


Fig. 3. Drijfkracht (p.k)
 Force motrice (c.x)

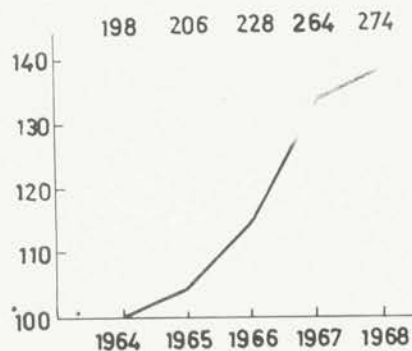


Fig. 4. Gemiddeld aantal pk per vaartuig
 Nombre moyen de cx par navire

1. The first part of the paper discusses the importance of maintaining accurate records of all transactions. This is essential for the proper management of the company's finances and for ensuring compliance with tax laws.

2. The second part of the paper discusses the importance of maintaining accurate records of all assets and liabilities. This is essential for the proper management of the company's balance sheet and for ensuring compliance with tax laws.

3. The third part of the paper discusses the importance of maintaining accurate records of all income and expenses. This is essential for the proper management of the company's profit and loss statement and for ensuring compliance with tax laws.

4. The fourth part of the paper discusses the importance of maintaining accurate records of all tax payments. This is essential for the proper management of the company's tax liability and for ensuring compliance with tax laws.

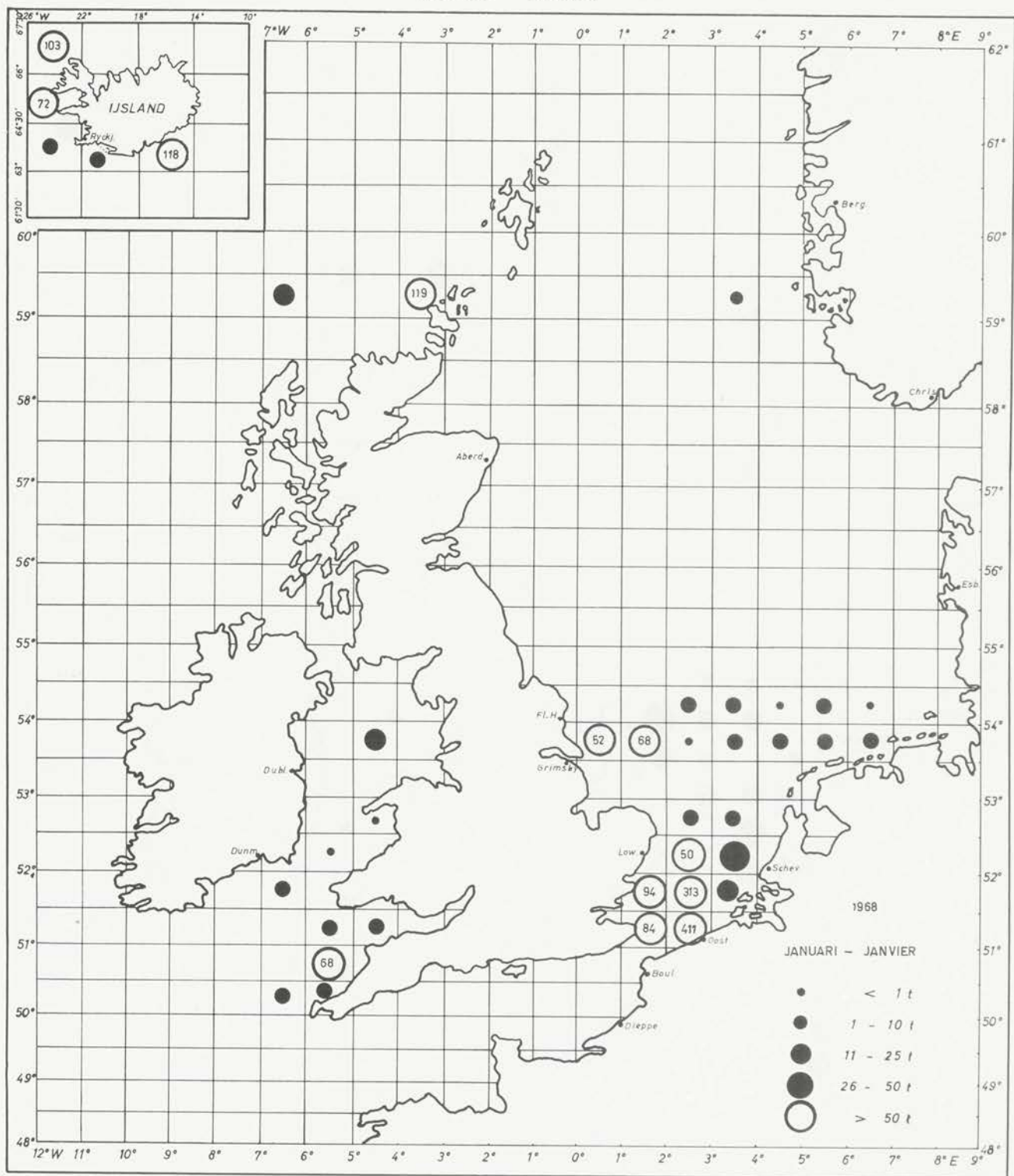
5. The fifth part of the paper discusses the importance of maintaining accurate records of all other financial information. This is essential for the proper management of the company's overall financial position and for ensuring compliance with tax laws.

6. The sixth part of the paper discusses the importance of maintaining accurate records of all other financial information. This is essential for the proper management of the company's overall financial position and for ensuring compliance with tax laws.

7. The seventh part of the paper discusses the importance of maintaining accurate records of all other financial information. This is essential for the proper management of the company's overall financial position and for ensuring compliance with tax laws.

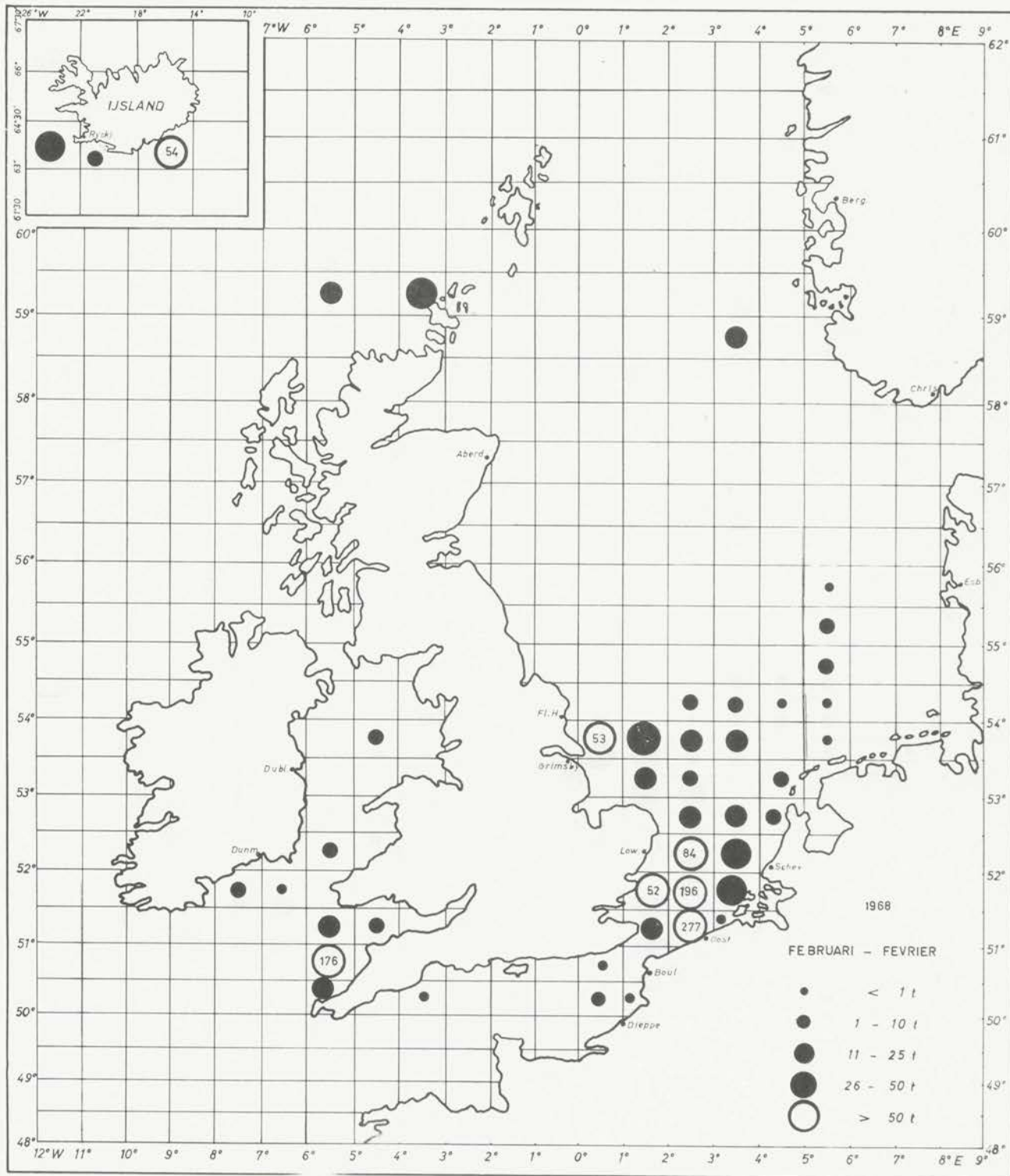
8. The eighth part of the paper discusses the importance of maintaining accurate records of all other financial information. This is essential for the proper management of the company's overall financial position and for ensuring compliance with tax laws.

KABELJAUW - CABILLAUD





KABELJAUW — CABILLAUD



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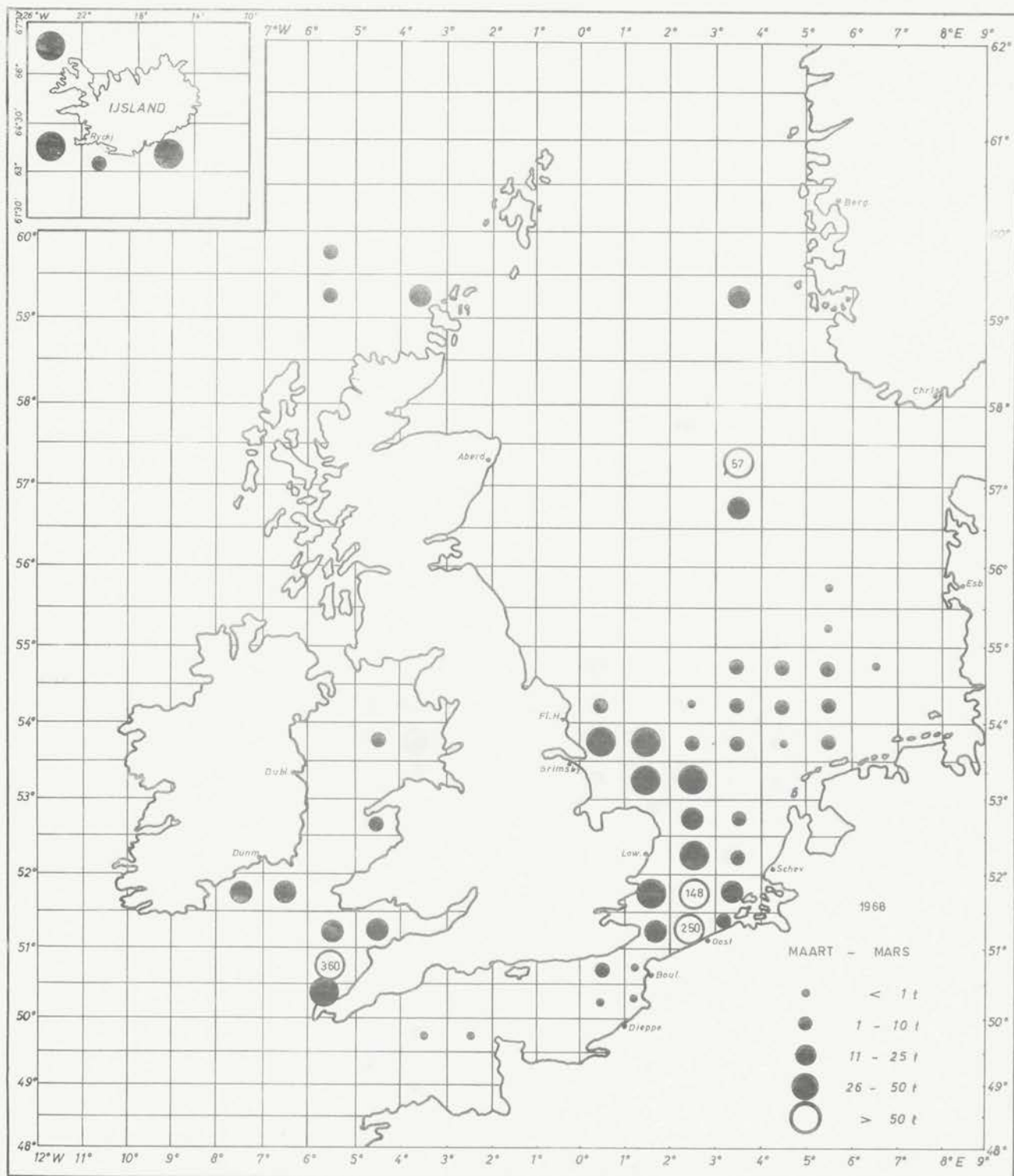
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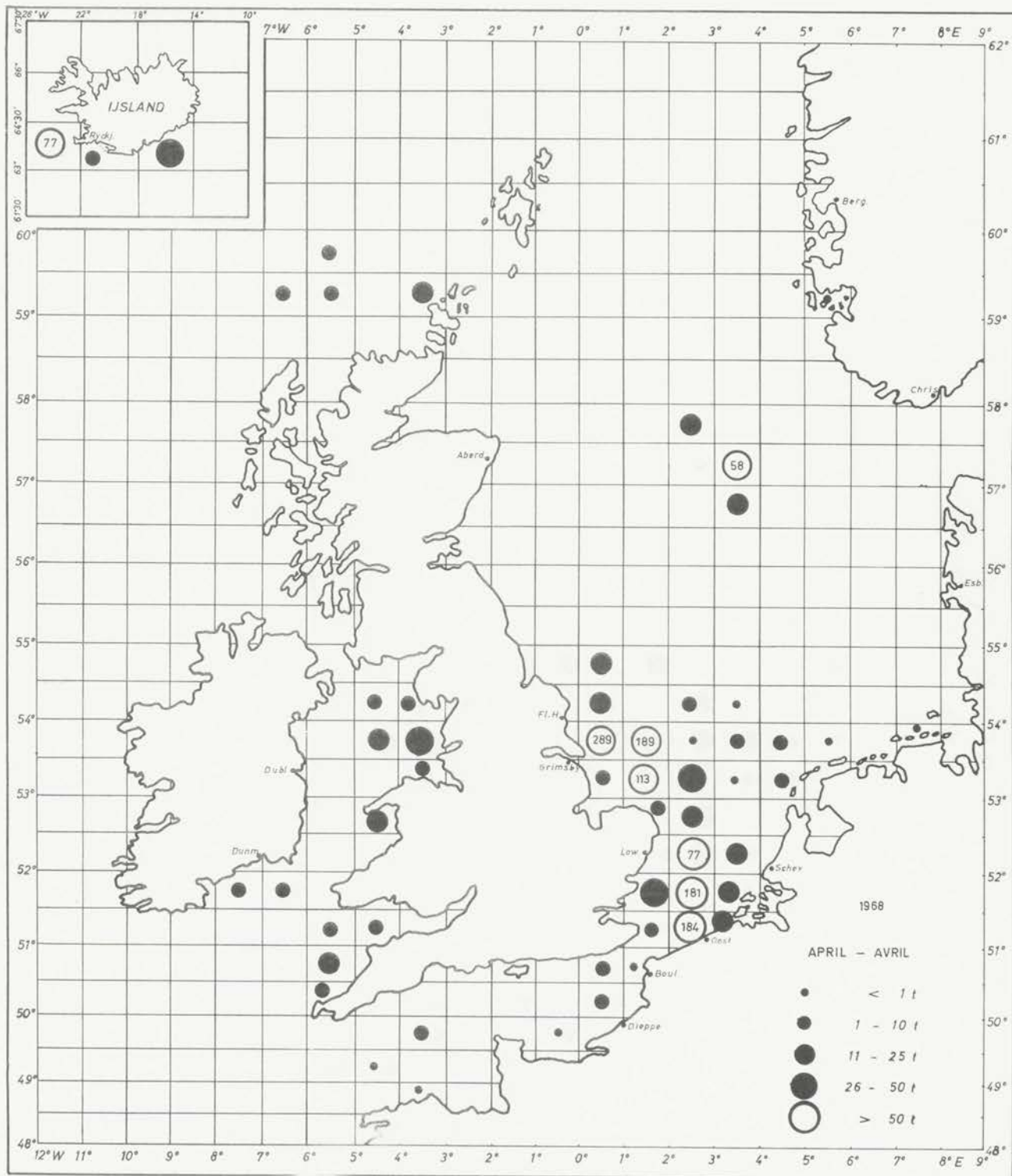


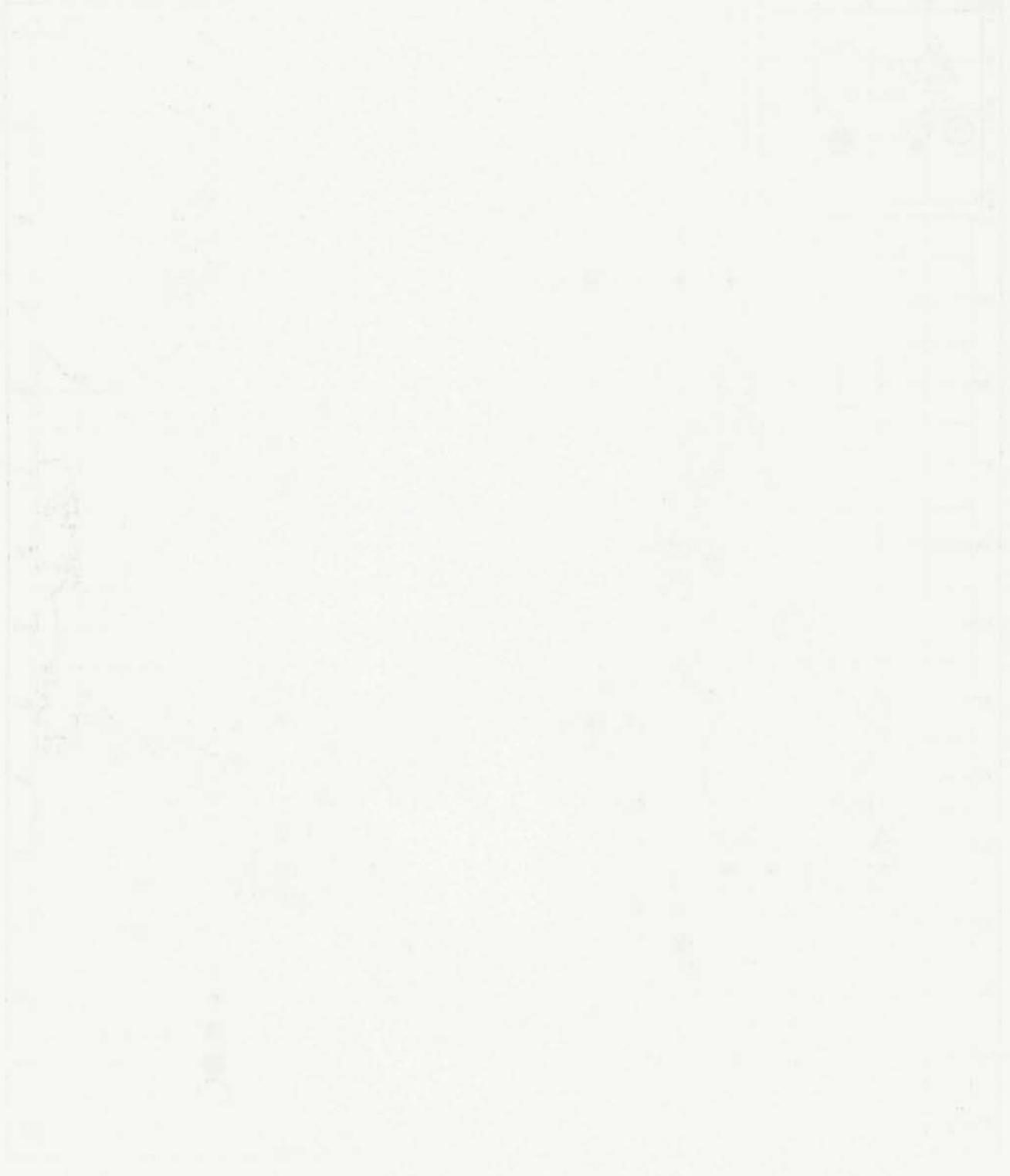
Time (days)	Height (cm)	Leaf Area (cm ²)	Root Length (cm)
0	0	0	0
1	1.5	2.0	1.0
2	3.0	4.0	2.0
3	4.5	6.0	3.0
4	6.0	8.0	4.0
5	7.5	10.0	5.0
6	9.0	12.0	6.0
7	10.5	14.0	7.0
8	12.0	16.0	8.0
9	13.5	18.0	9.0
10	15.0	20.0	10.0

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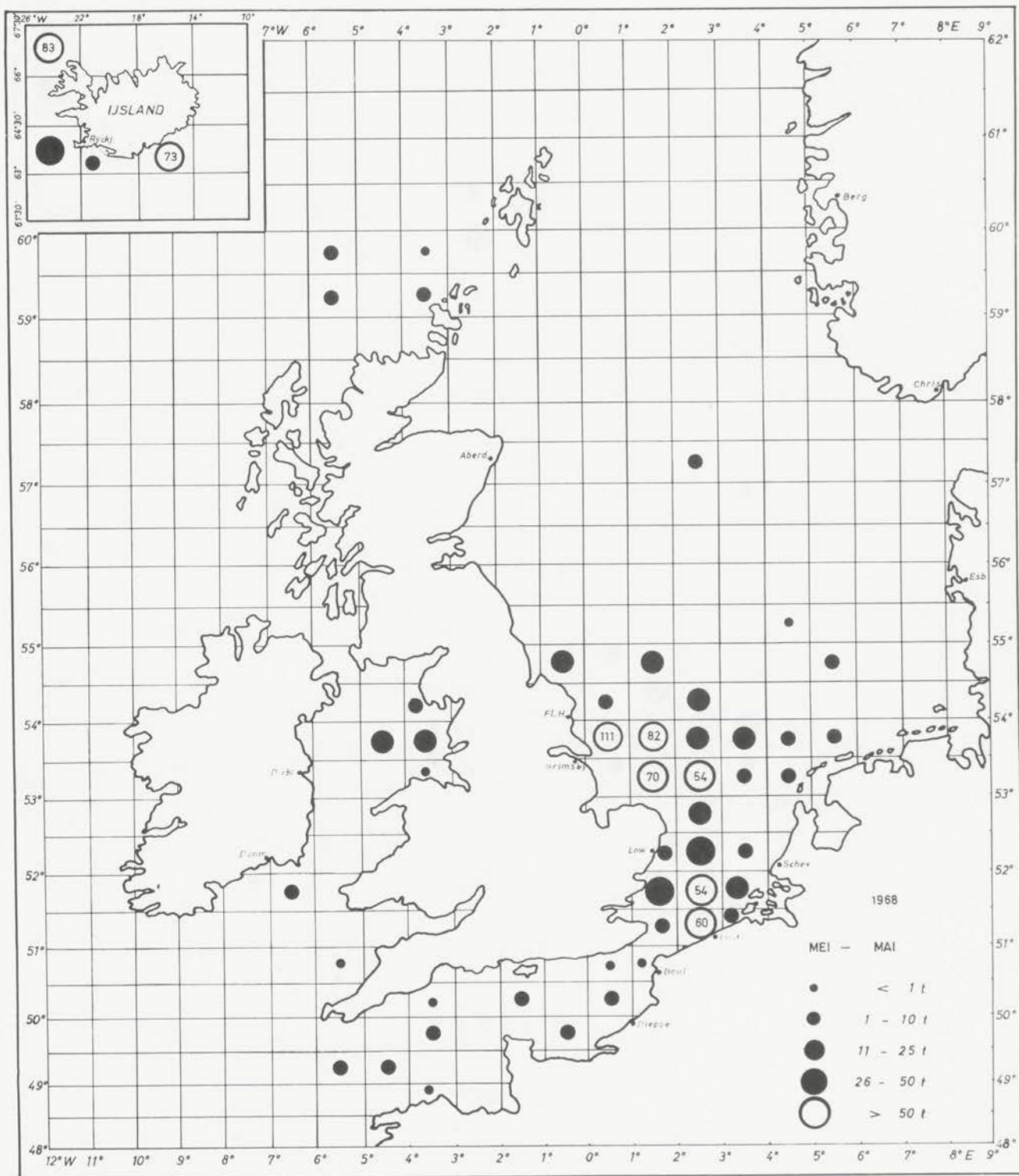


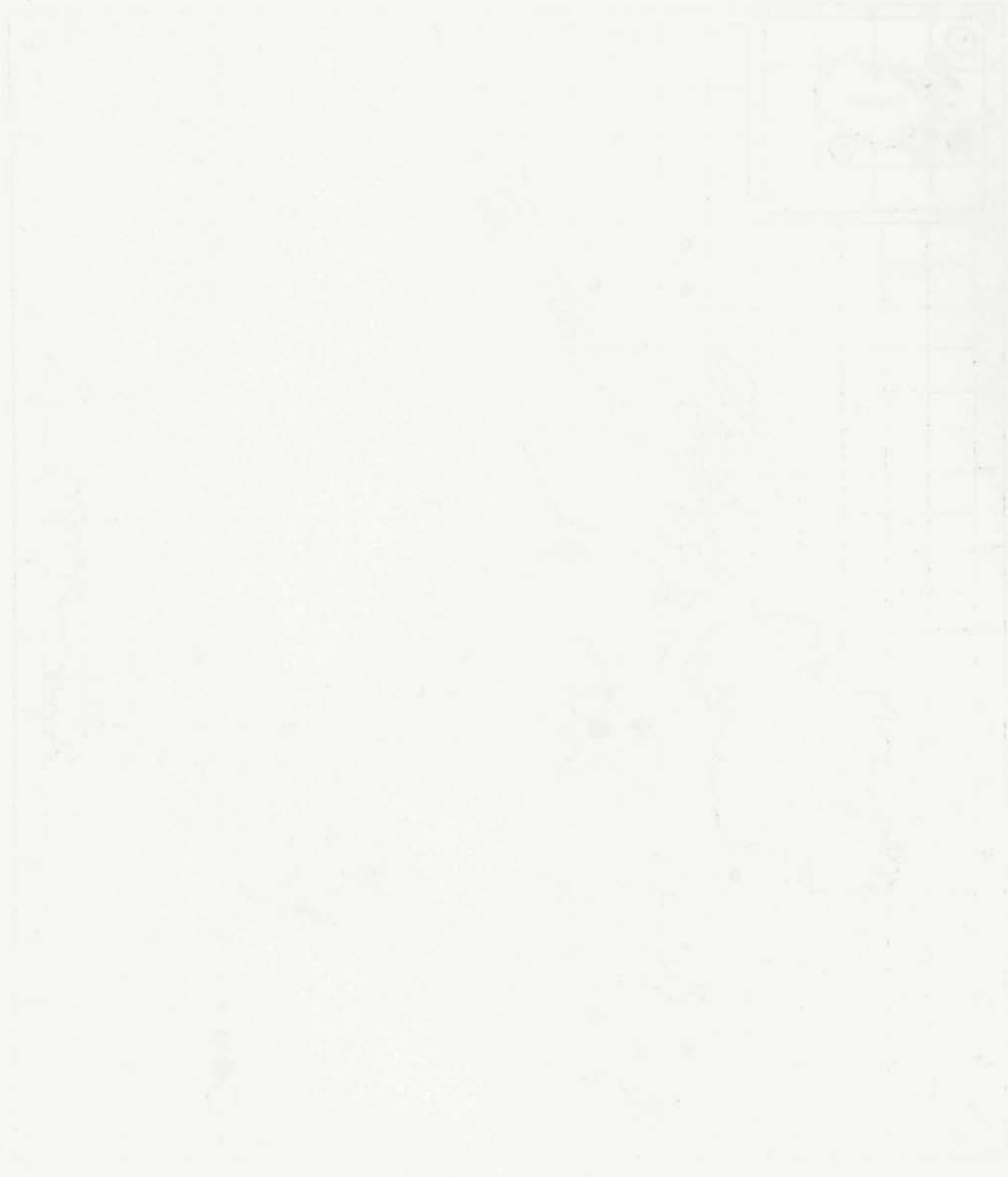
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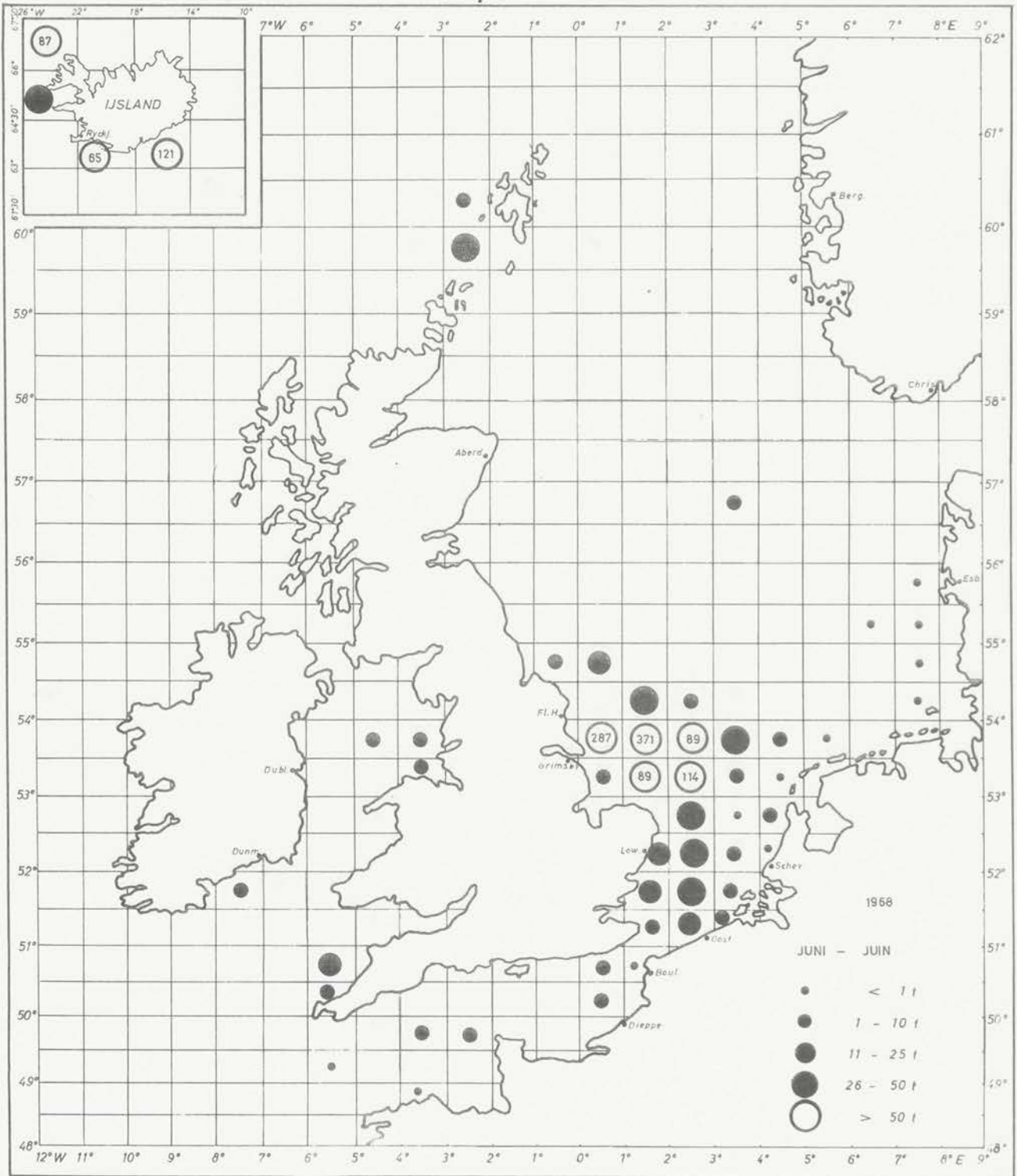


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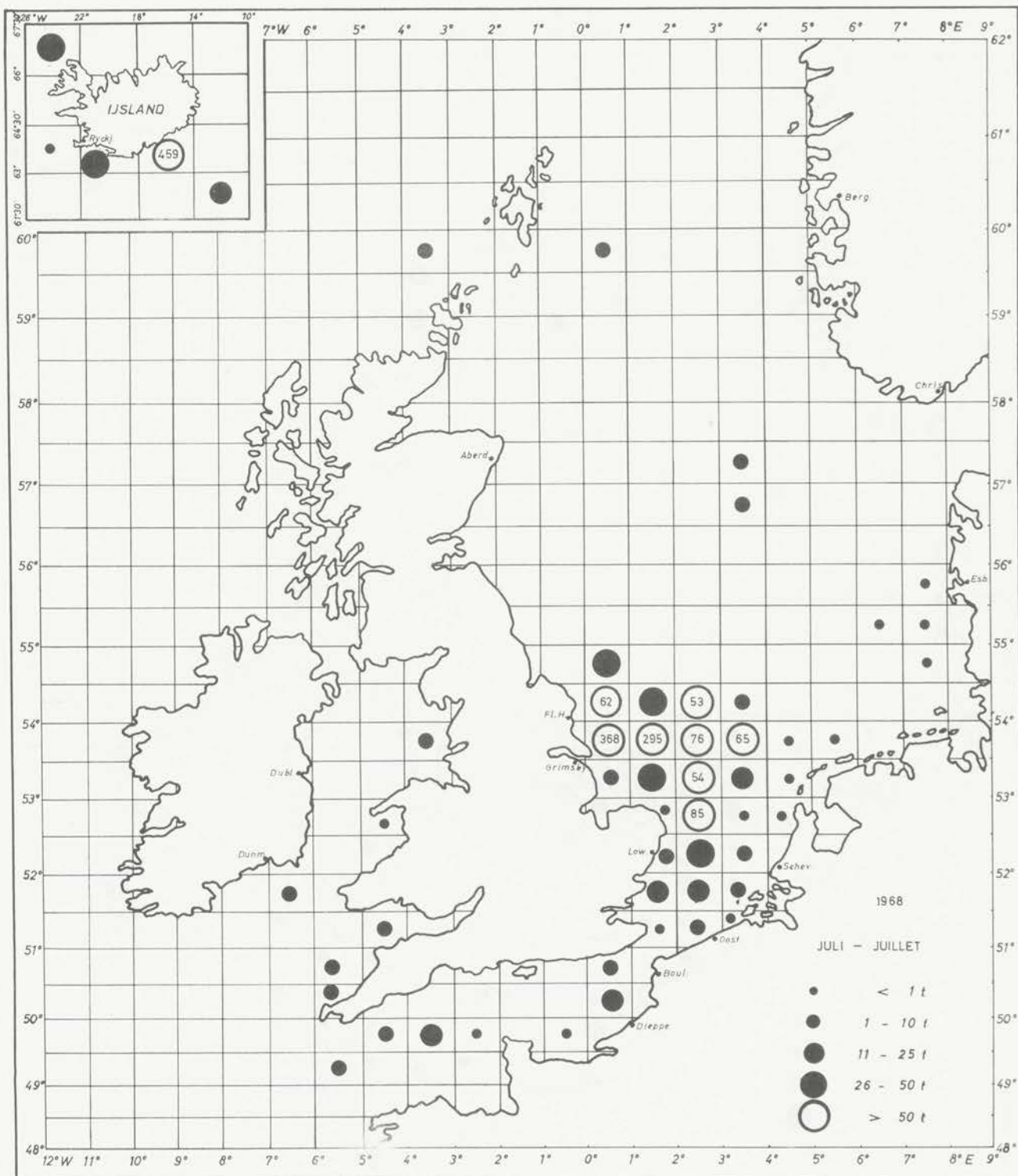


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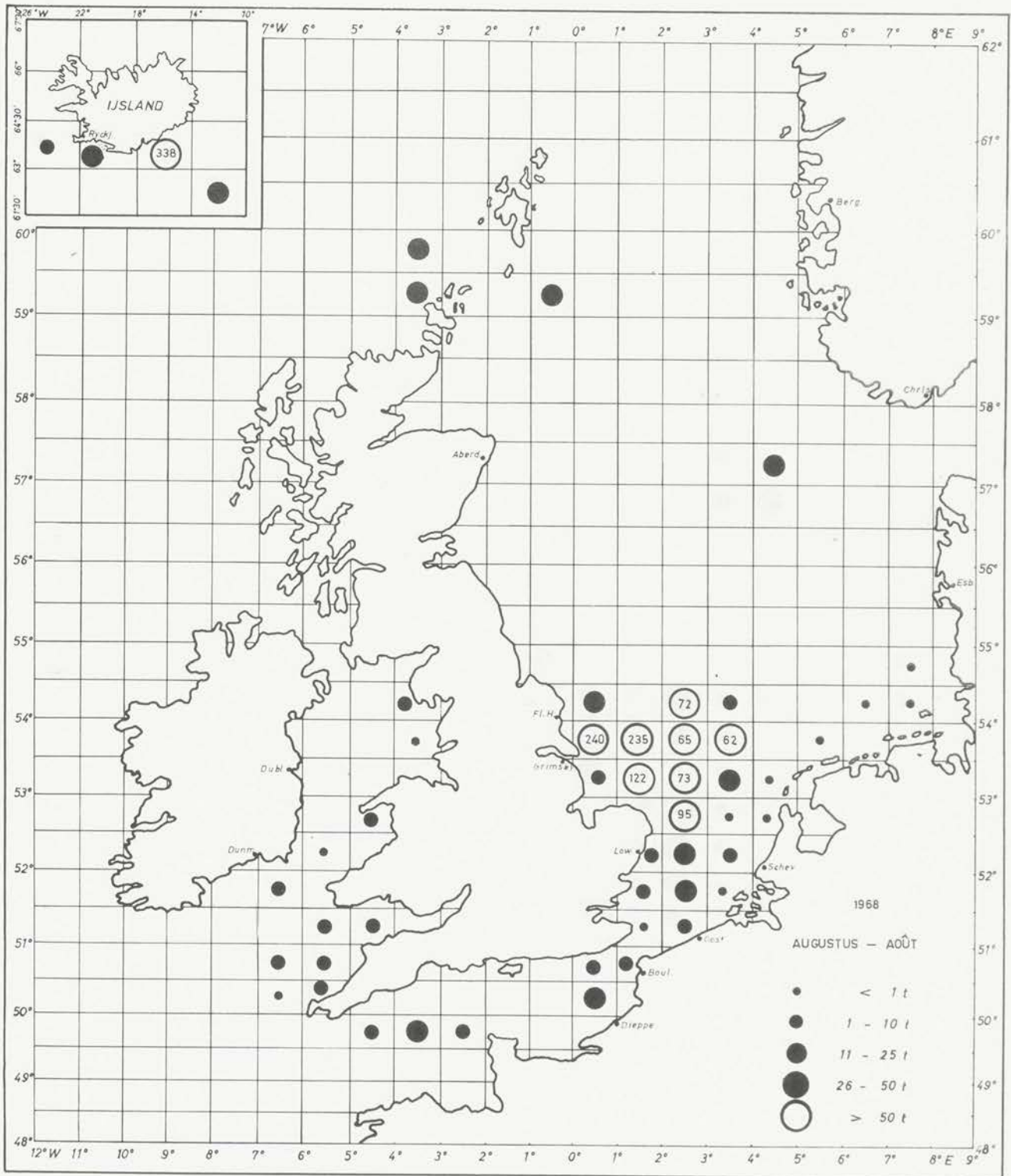


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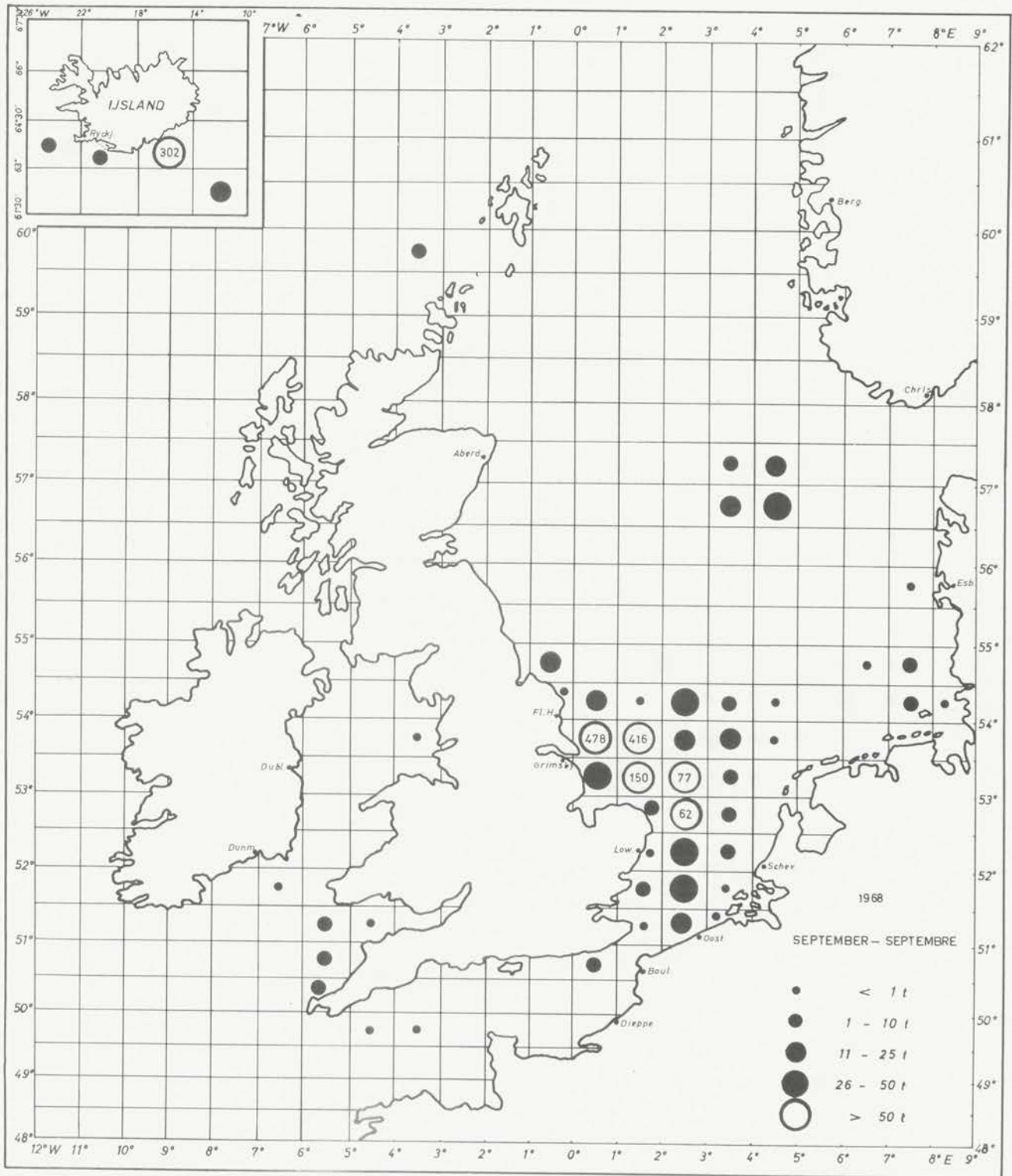




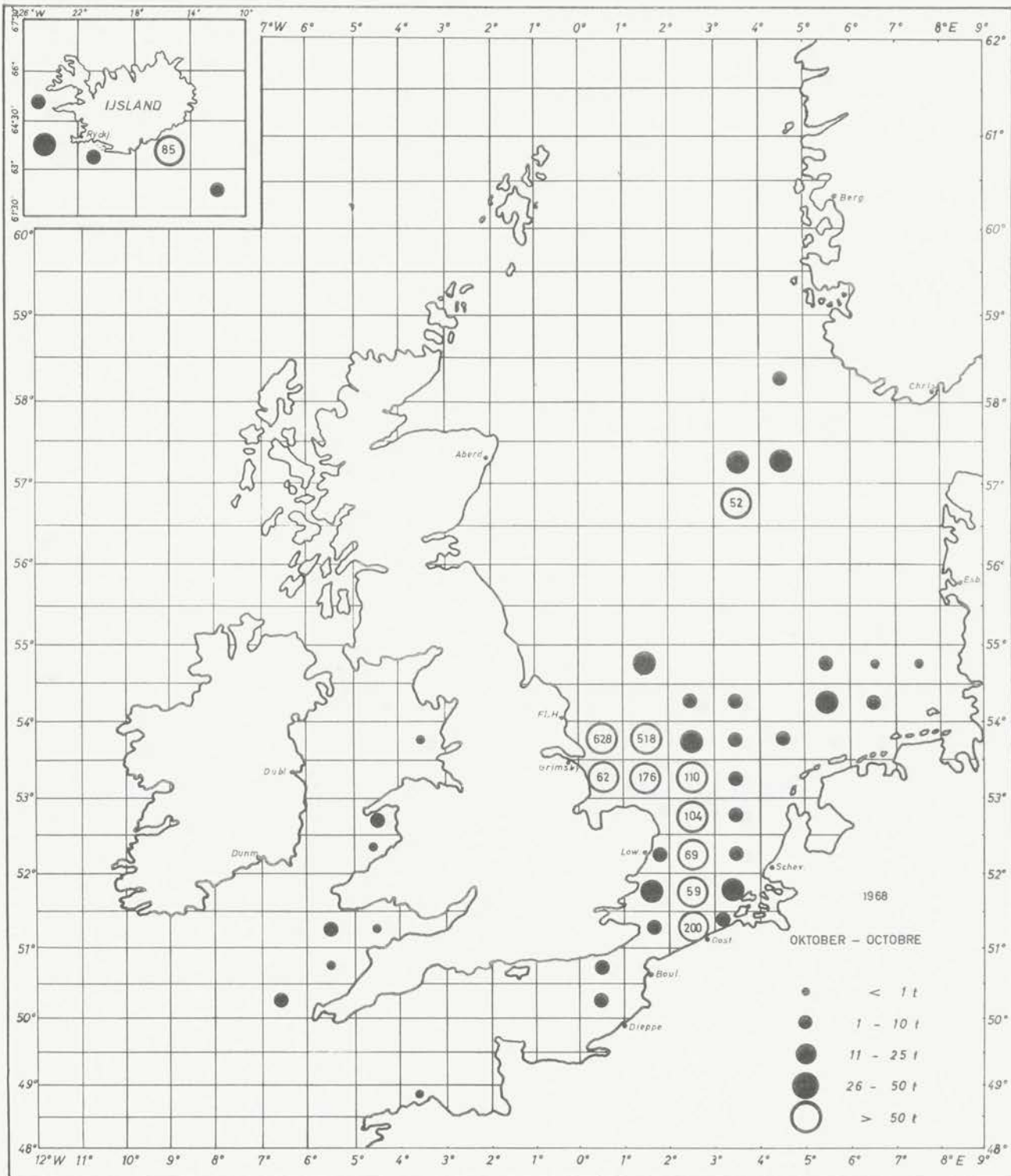
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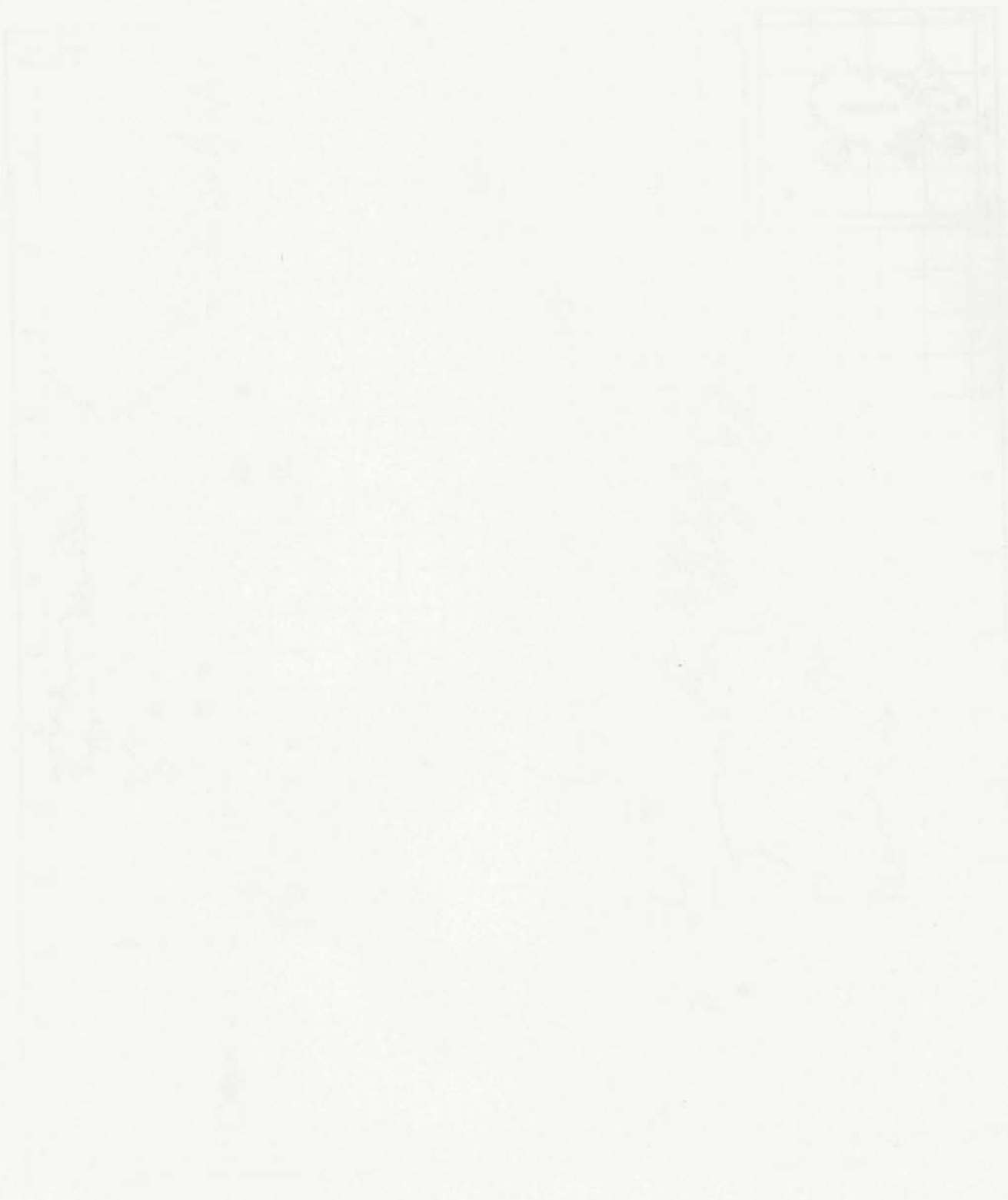


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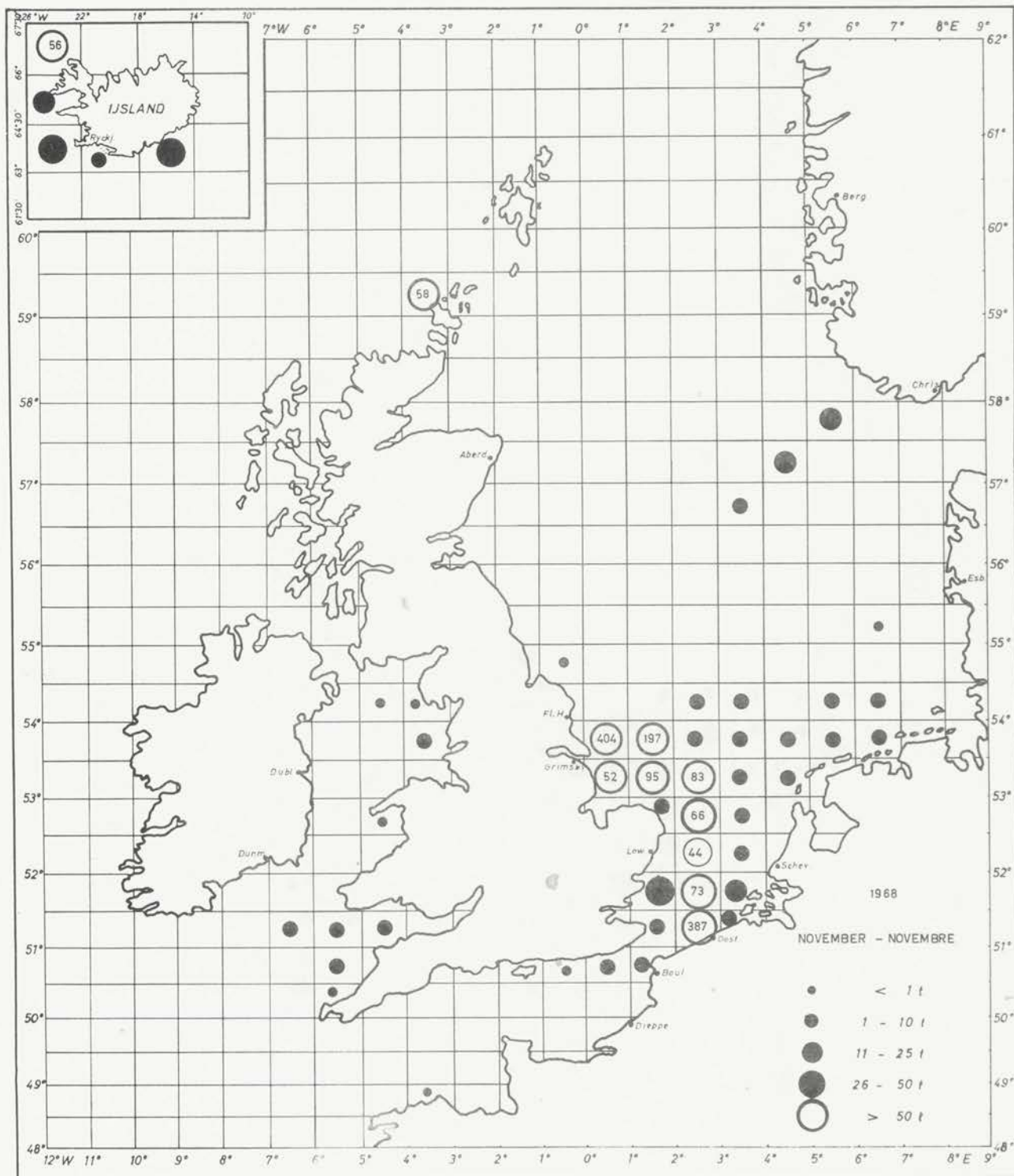


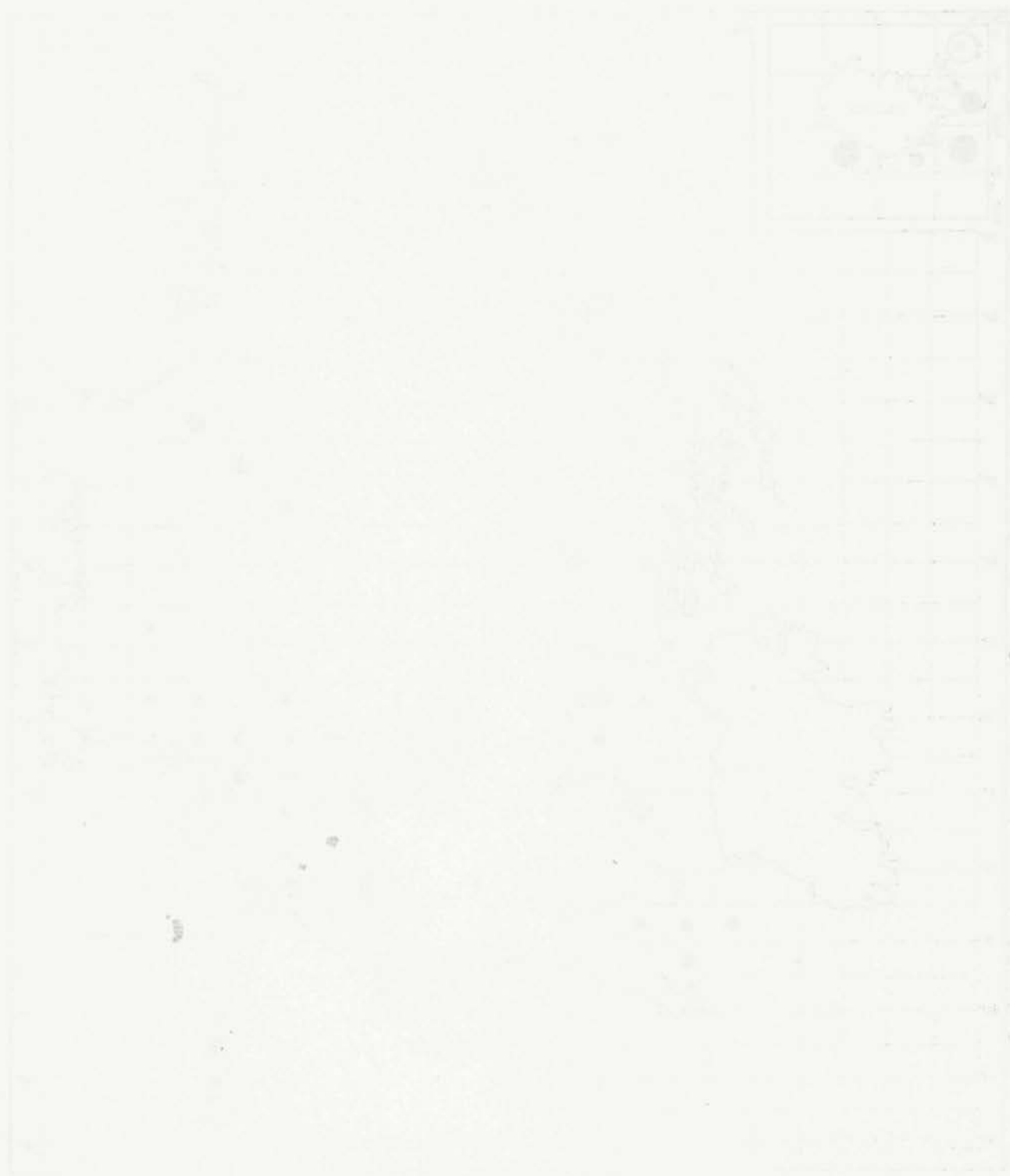
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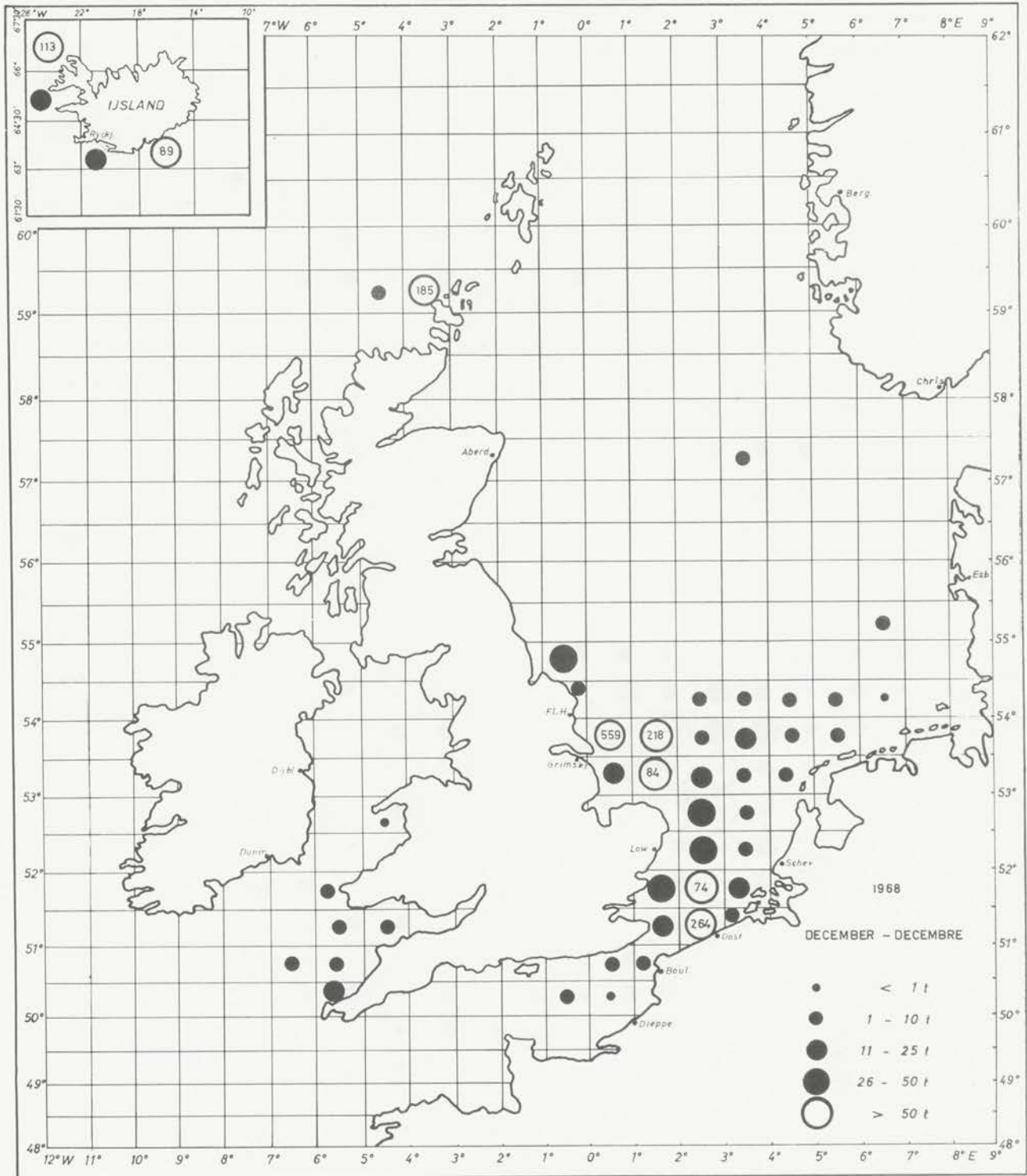


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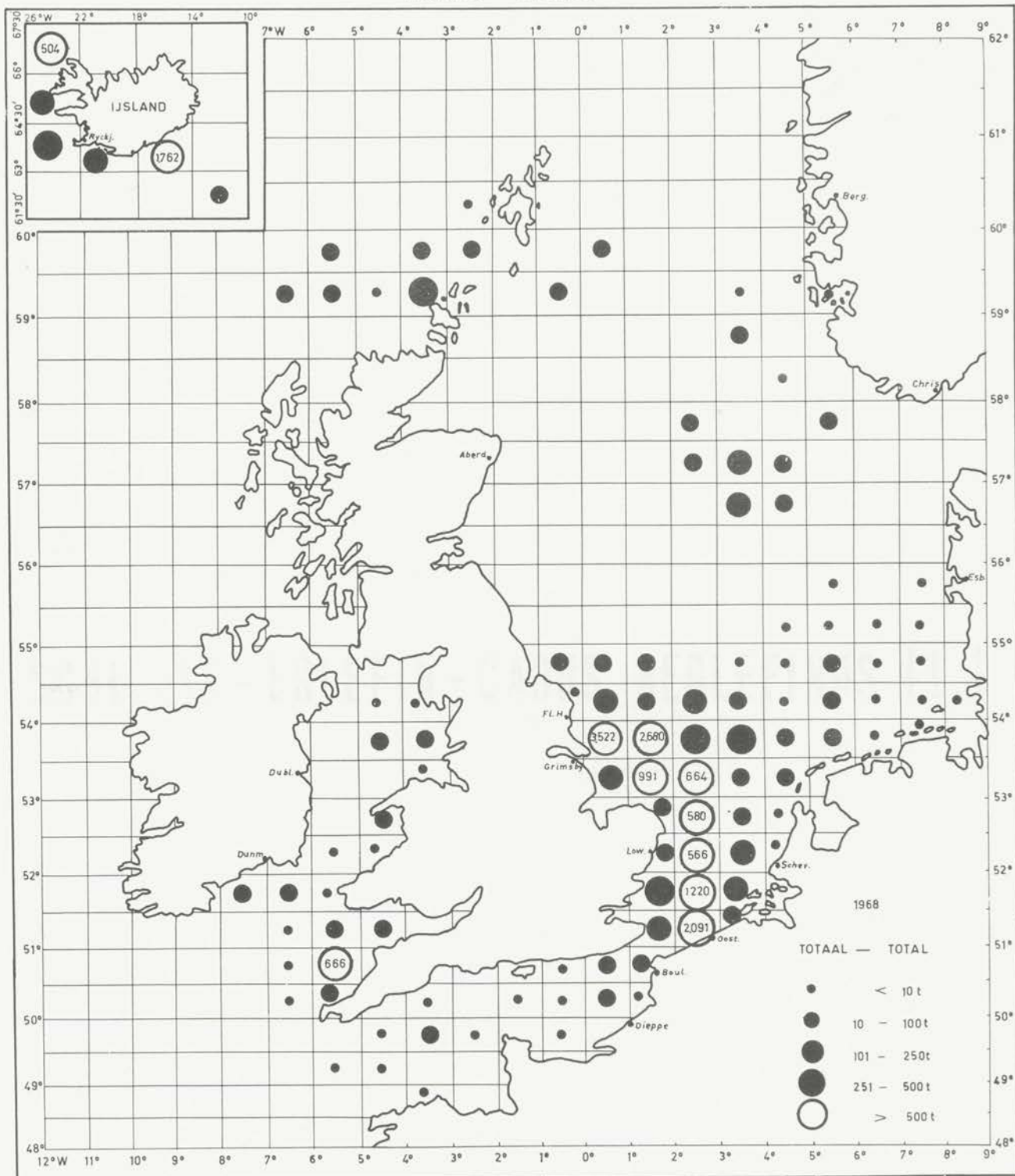


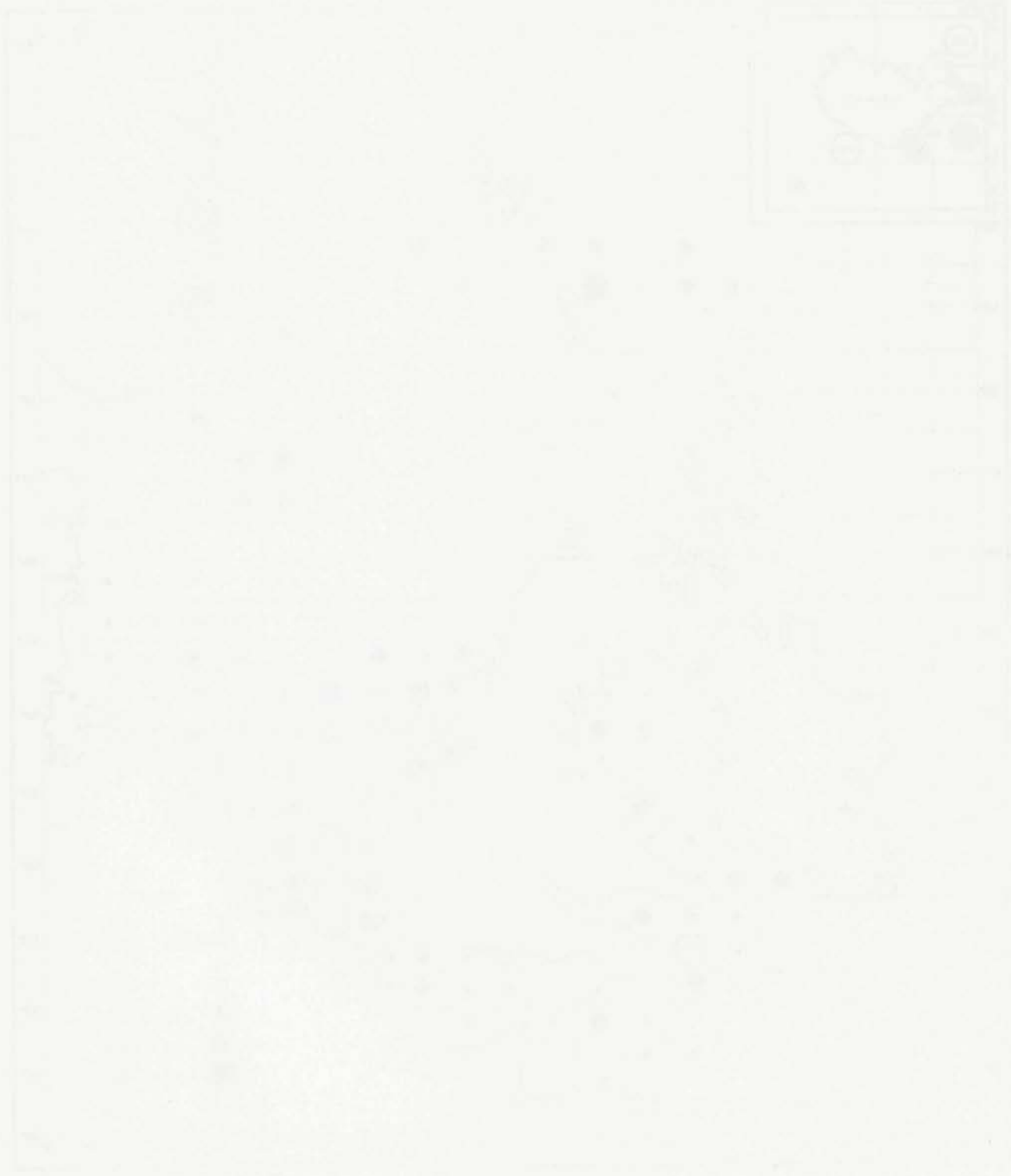
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SCHLAVIS - EGLEFIN - CADUS AEGLEFINUS (L.)

SECRETARIS - EGLETTIN - CADUS VEGETINDS (11)

Tabel III - SCHELVIS - Indeling van de jaarlijkse demersale vangst volgens de gebieden (1)
 Tableau III - EGLEFIN - Répartition des pêches annuelles démersales d'après les régions (1)

Gebieden Régions	Kaart A Carte A	1964		1965		1966		1967		1968	
		t	%	t	%	t	%	t	%	t	%
N.Z. Zuid M.N. Méridionale	(IV c)	275	8.1	106	3.9	86	5.1	13	0.8	62	3.8
N.Z. Midden M.N. Centrale	(IV b)	1549	45.9	1055	39.1	310	18.3	496	32.3	405	24.7
N.Z. Noord M.N. Septentrionale	(IV a)	189	5.6	153	5.7	387	22.9	171	11.1	139	8.5
Engels Kanaal Manche	(VII d e)	13	0.4	10	0.4	3	0.2	-	-	1	0.1
Ierse Zee en Bristol Kan. M. d'Irlande & C. Bristol	(VII a.f.)	241	7.1	110	4.0	119	7.0	49	3.2	23	1.4
Z. en W. Ierland S. et W. d'Irlande	(VII bghj)	397	11.8	207	7.7	152	9.0	27	1.8	14	0.9
N.W. Schotland & N. Ierland N.W. d'Ecosse & N. Irlande	(VI a)	18	0.5	10	0.4	68	4.0	50	3.2	84	5.1
IJslandse Zee Mer d'Islande	(Val, 2)	694	20.6	1047	38.8	567	33.5	731	47.6	909	55.5
Totaal - Total		3376	100.0	2698	100.0	1692	100.0	1537	100.0	1637	100.0

(1) Bron : Dienst voor de Zeevisserij, Oostende.

(1) Source : Service de la Pêche Maritime, Ostende.

The following table shows the results of the experiment. The first column shows the time taken for the reaction to occur. The second column shows the volume of gas produced. The third column shows the temperature of the reaction mixture. The fourth column shows the concentration of the reactants. The fifth column shows the rate of reaction. The sixth column shows the order of reaction. The seventh column shows the activation energy of the reaction. The eighth column shows the half-life of the reaction. The ninth column shows the rate constant of the reaction. The tenth column shows the Arrhenius equation. The eleventh column shows the Arrhenius plot. The twelfth column shows the Arrhenius equation. The thirteenth column shows the Arrhenius plot. The fourteenth column shows the Arrhenius equation. The fifteenth column shows the Arrhenius plot.

Time (s)	Volume of Gas (cm ³)	Temperature (°C)	Concentration (mol/l)	Rate of Reaction (mol/l.s)	Order of Reaction	Activation Energy (kJ/mol)	Half-life (s)	Rate Constant (s ⁻¹)	Arrhenius Equation	Arrhenius Plot	Arrhenius Equation	Arrhenius Plot
10	10	20	0.1	0.01	1	50	10	0.1	$k = A e^{-E_a/RT}$	$\ln k = \ln A - E_a/RT$	$k = A e^{-E_a/RT}$	$\ln k = \ln A - E_a/RT$
20	20	20	0.1	0.02	1	50	10	0.1	$k = A e^{-E_a/RT}$	$\ln k = \ln A - E_a/RT$	$k = A e^{-E_a/RT}$	$\ln k = \ln A - E_a/RT$
30	30	20	0.1	0.03	1	50	10	0.1	$k = A e^{-E_a/RT}$	$\ln k = \ln A - E_a/RT$	$k = A e^{-E_a/RT}$	$\ln k = \ln A - E_a/RT$
40	40	20	0.1	0.04	1	50	10	0.1	$k = A e^{-E_a/RT}$	$\ln k = \ln A - E_a/RT$	$k = A e^{-E_a/RT}$	$\ln k = \ln A - E_a/RT$
50	50	20	0.1	0.05	1	50	10	0.1	$k = A e^{-E_a/RT}$	$\ln k = \ln A - E_a/RT$	$k = A e^{-E_a/RT}$	$\ln k = \ln A - E_a/RT$



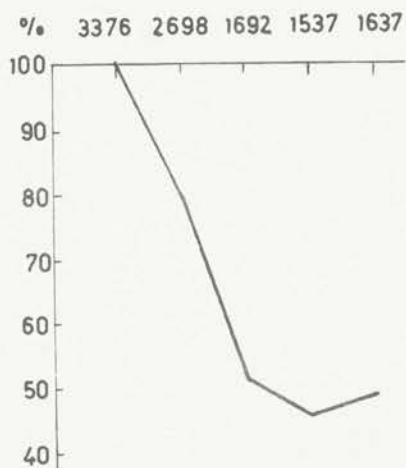


Fig. 1. Jaarlijkse aanvoer 1964 = 100
 Apports annuels 1964 = 100

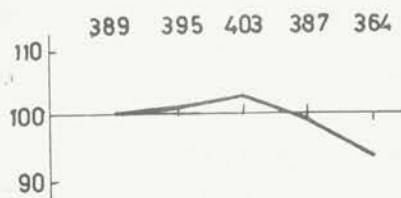


Fig. 2. Aantal bedrijvige vaartuigen
 Nombre de navire en activité

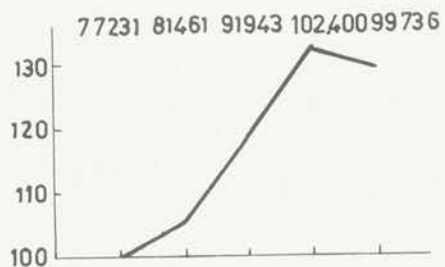


Fig. 3. Drijfkracht (pk)
 Force motrice (cx)

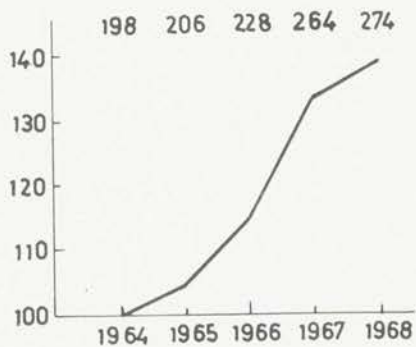
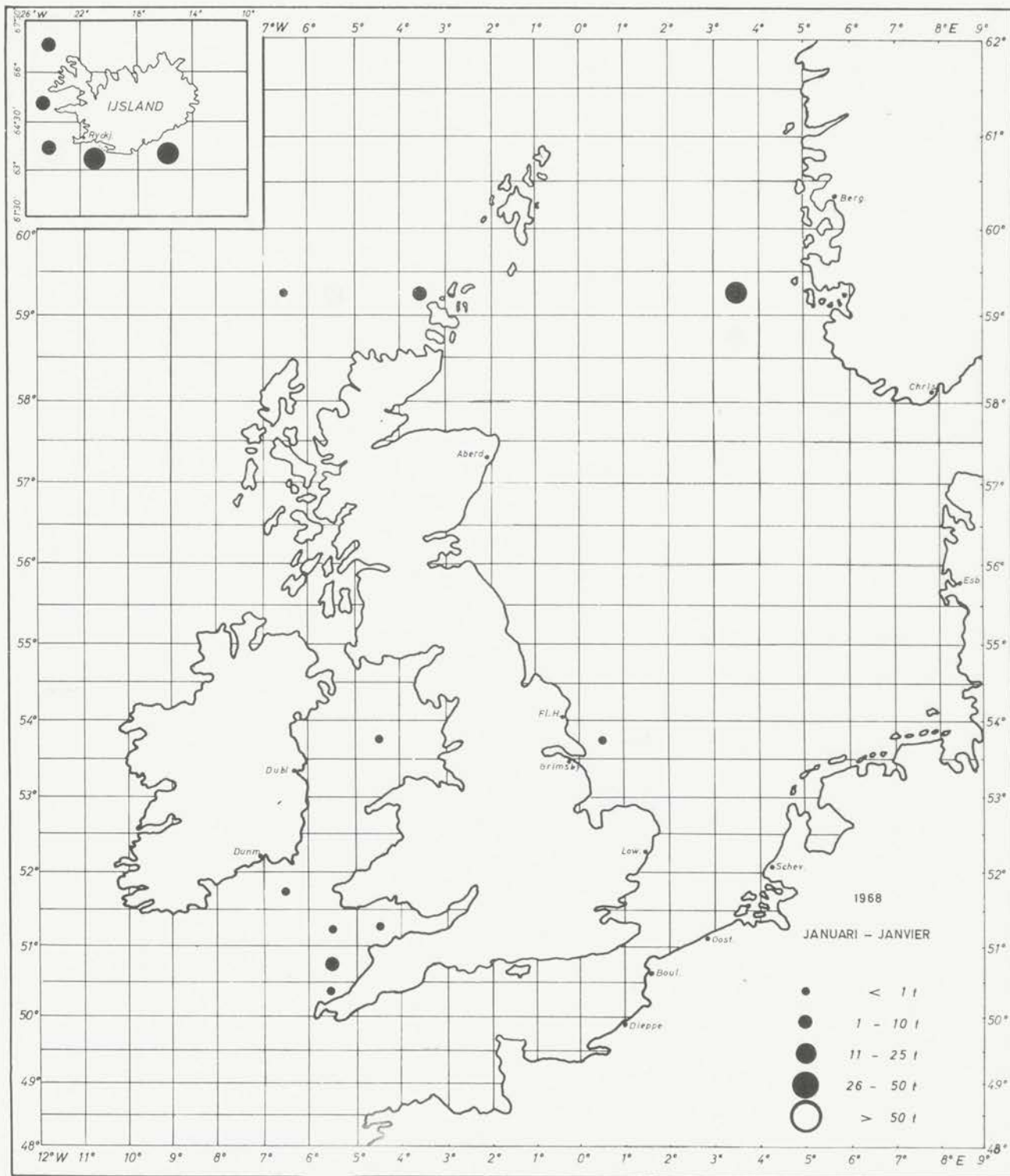


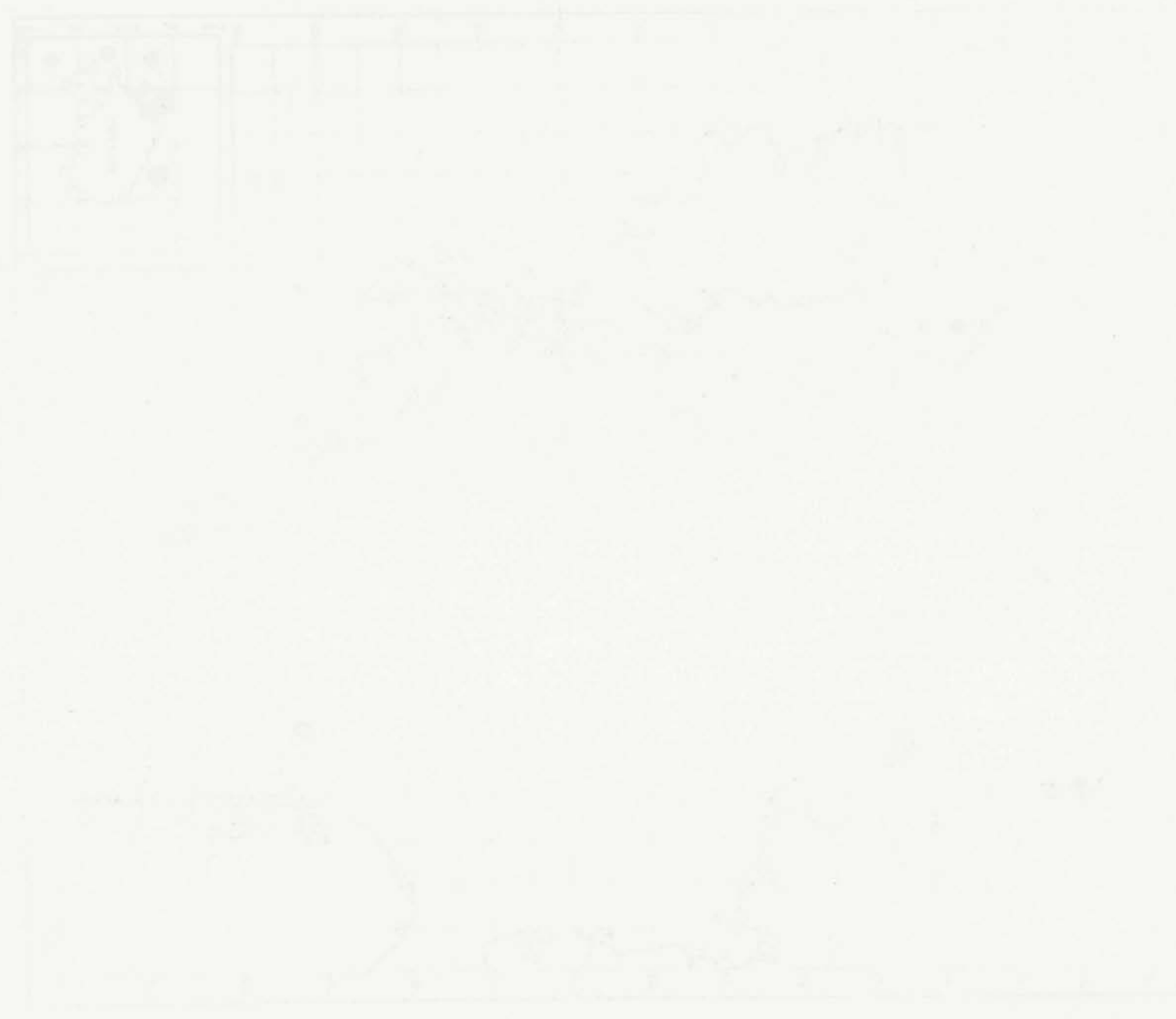
Fig. 4. Gemiddeld aantal pk per vaartuig
 Nombre moyen de cx par navire



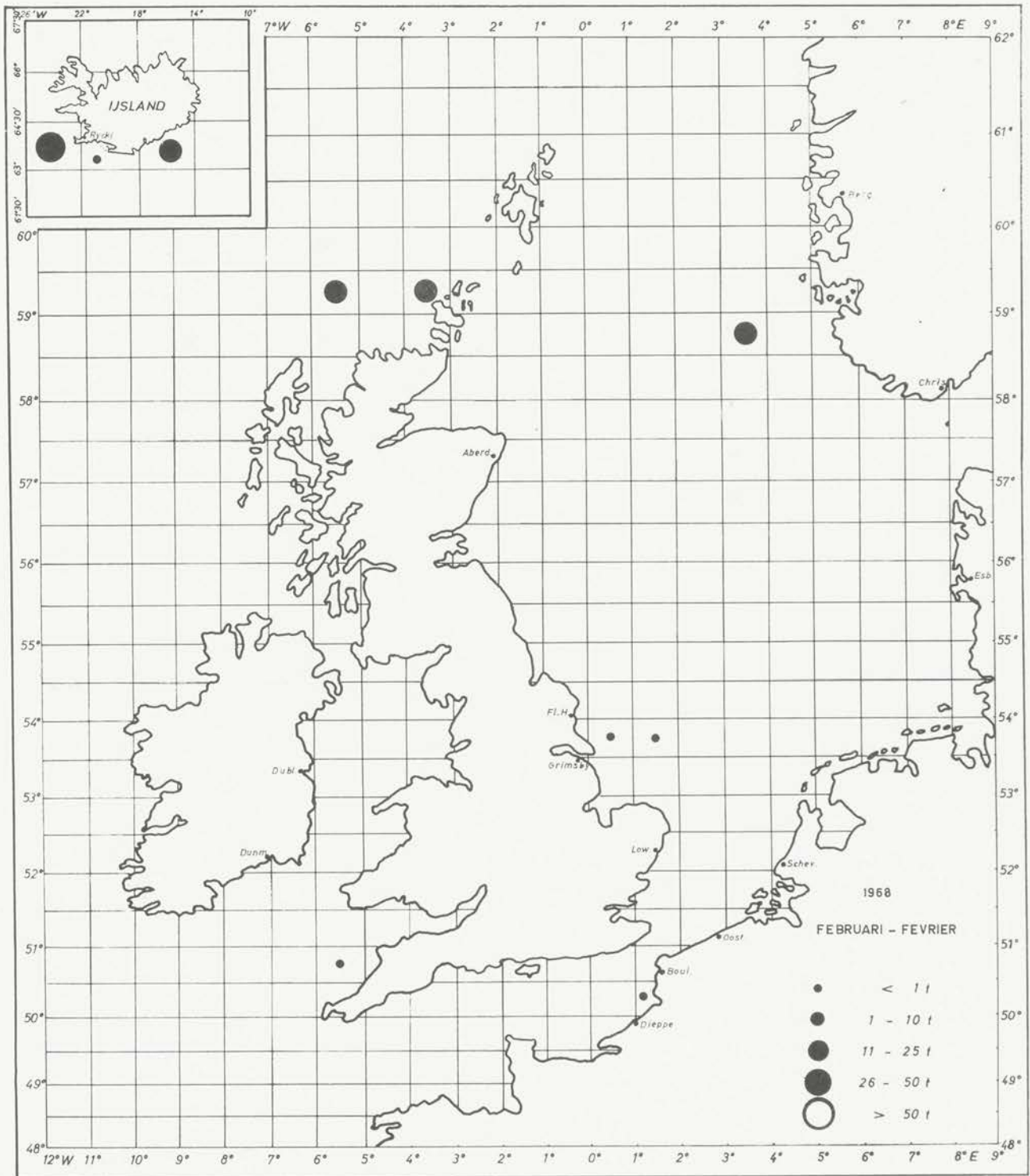
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SHELVIS - EGLEFIN



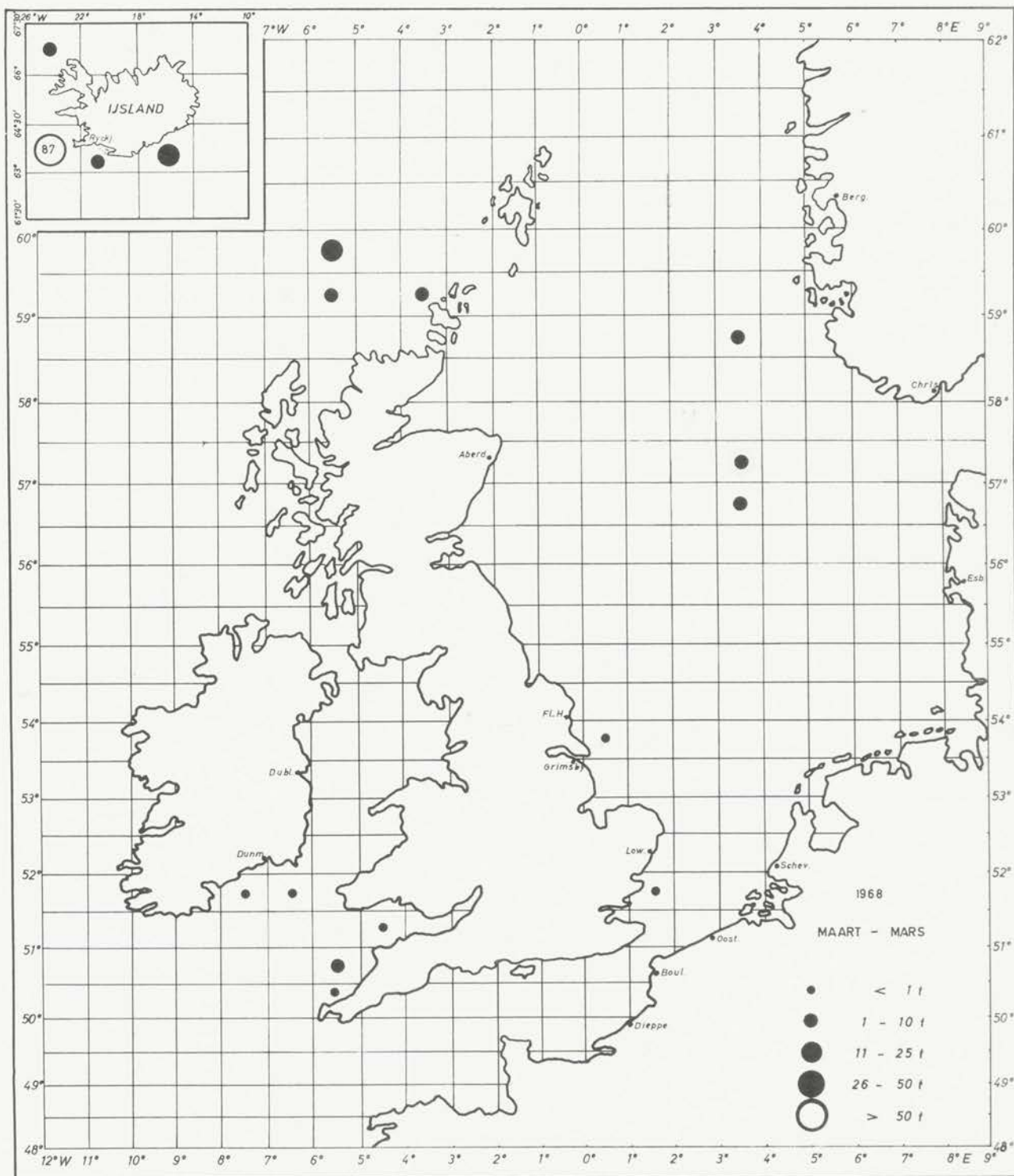


SCHELVIS - EGLEFIN



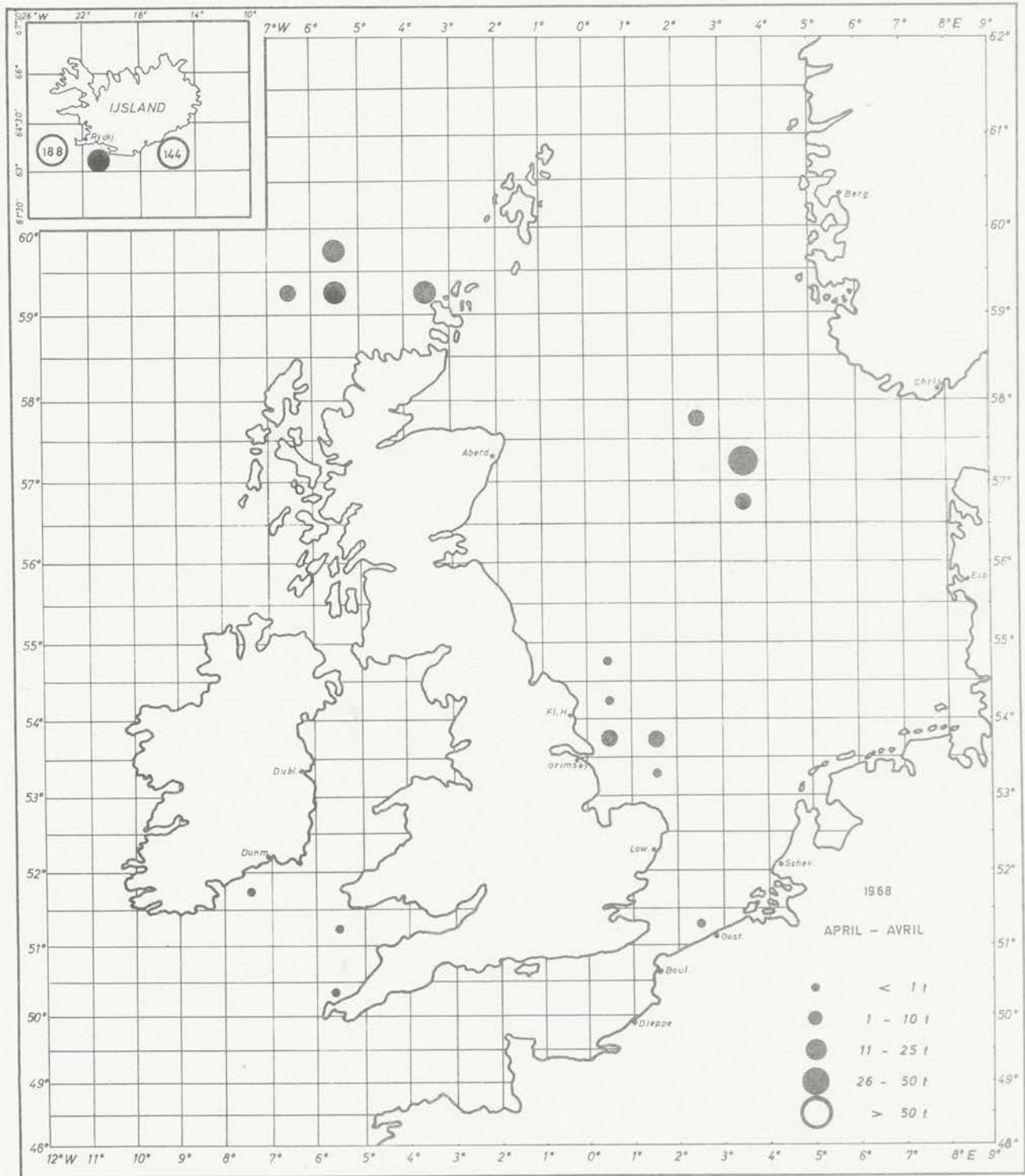


SCHELVIS - EGLEFIN





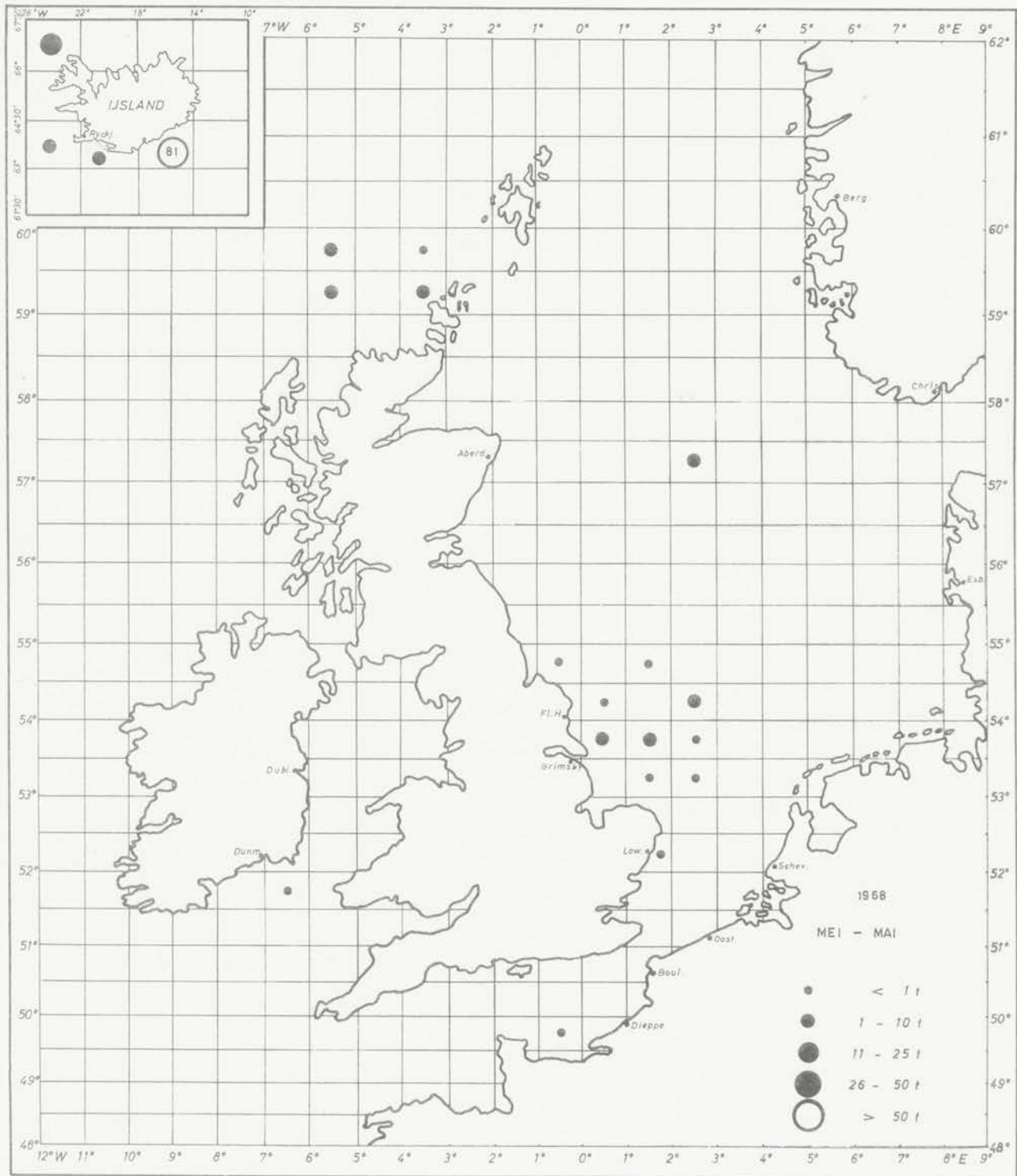
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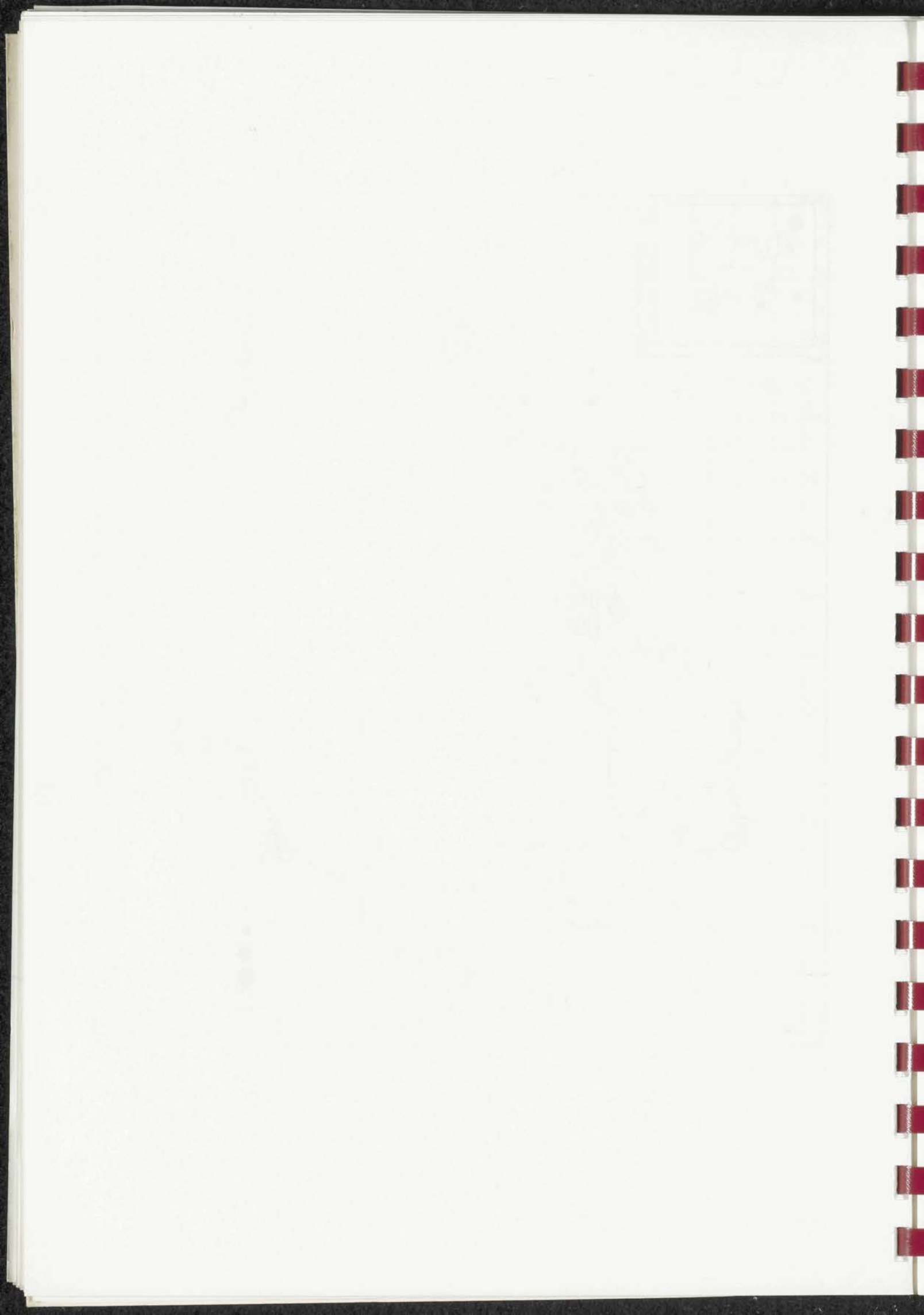




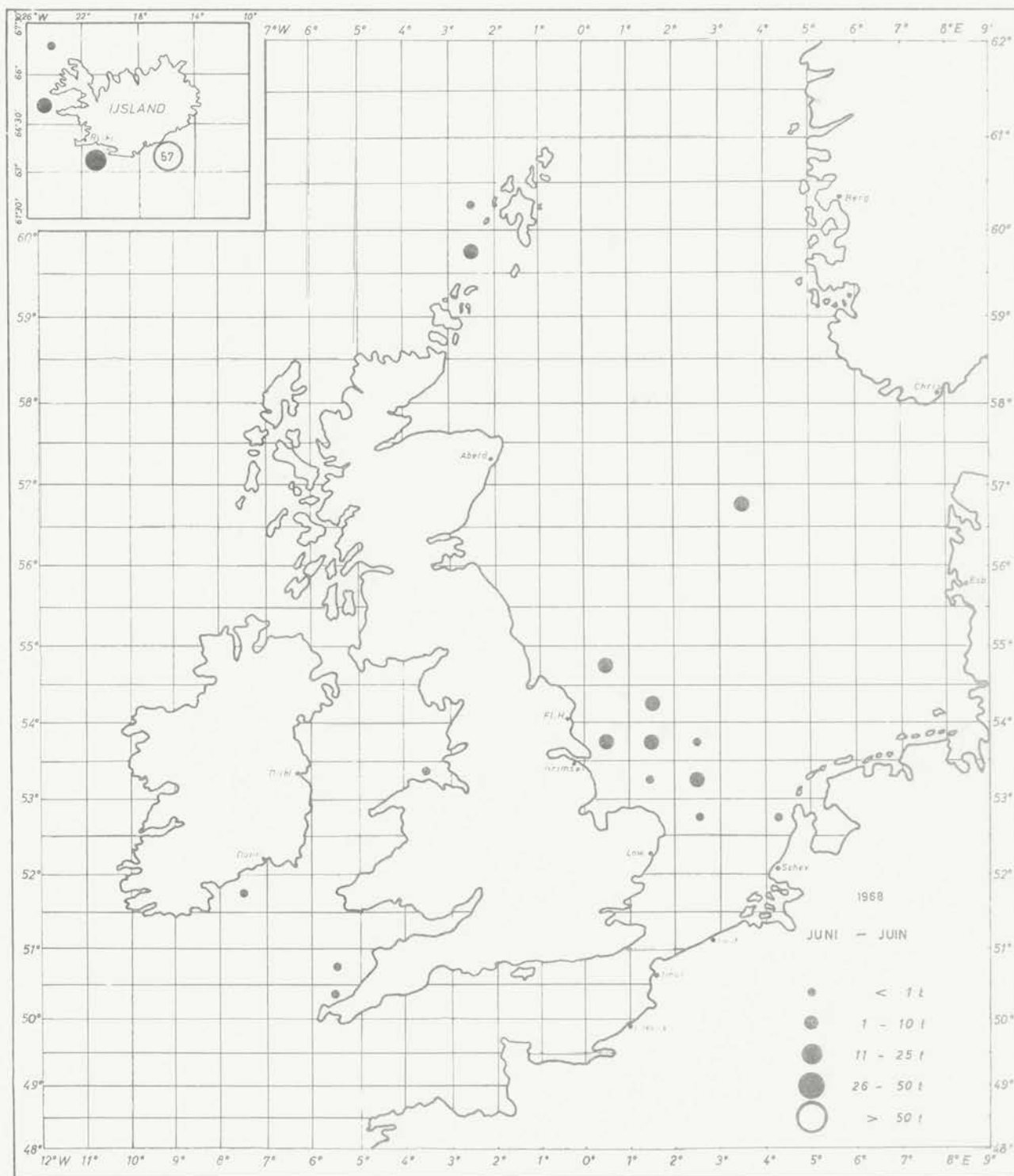
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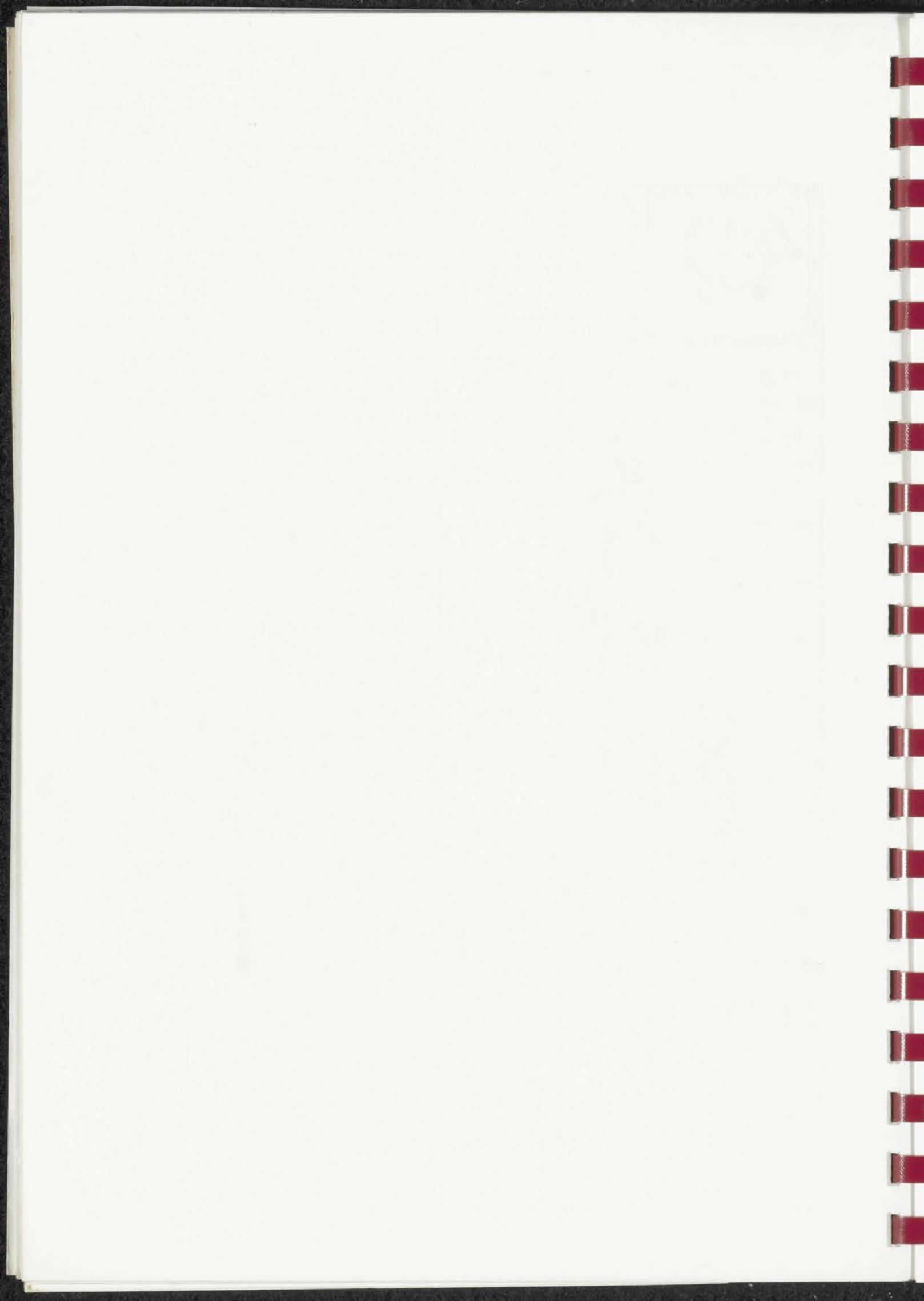
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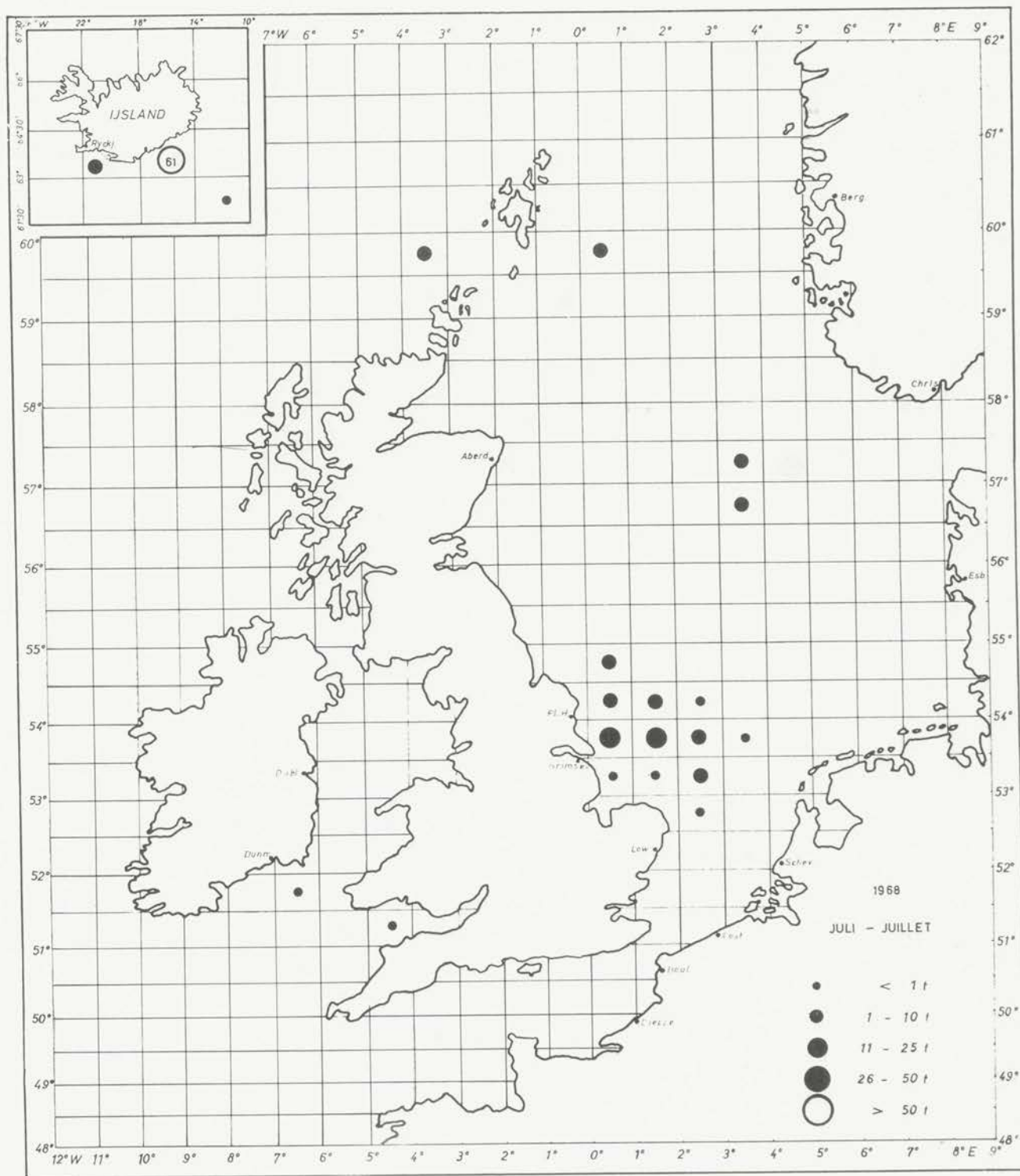


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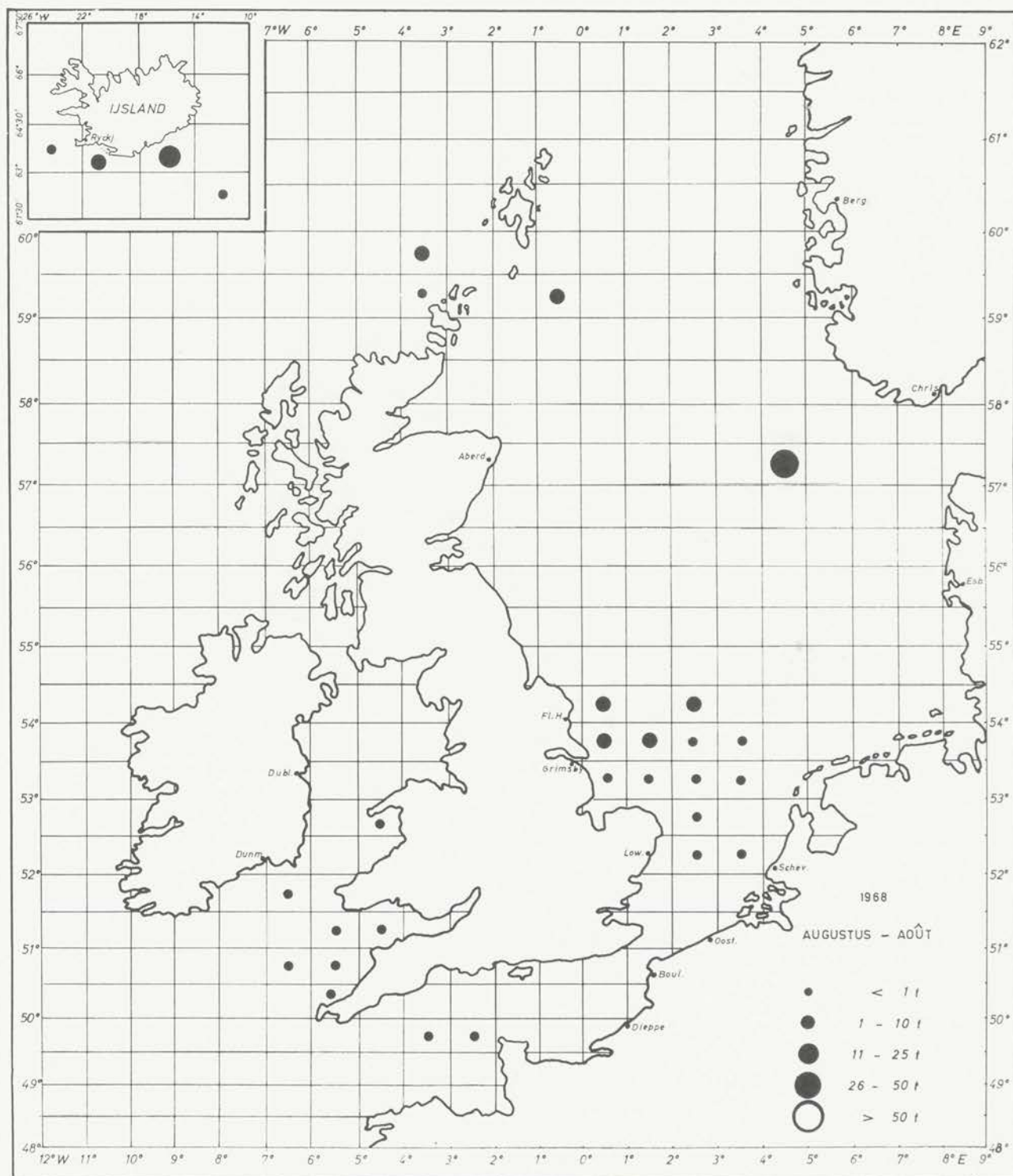


SHELVIS - EGLEFIN



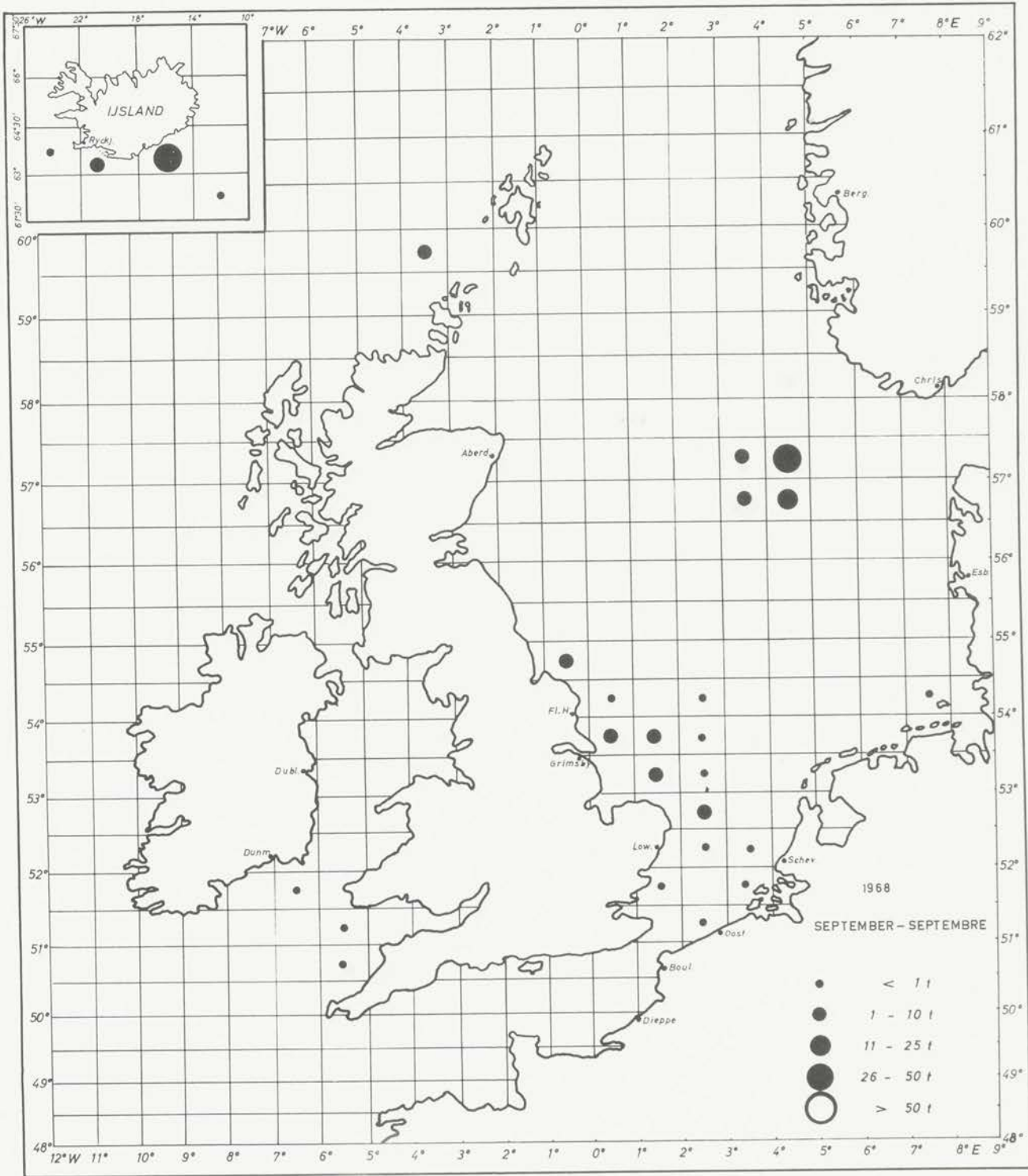


SHELVIS - EGLEFIN



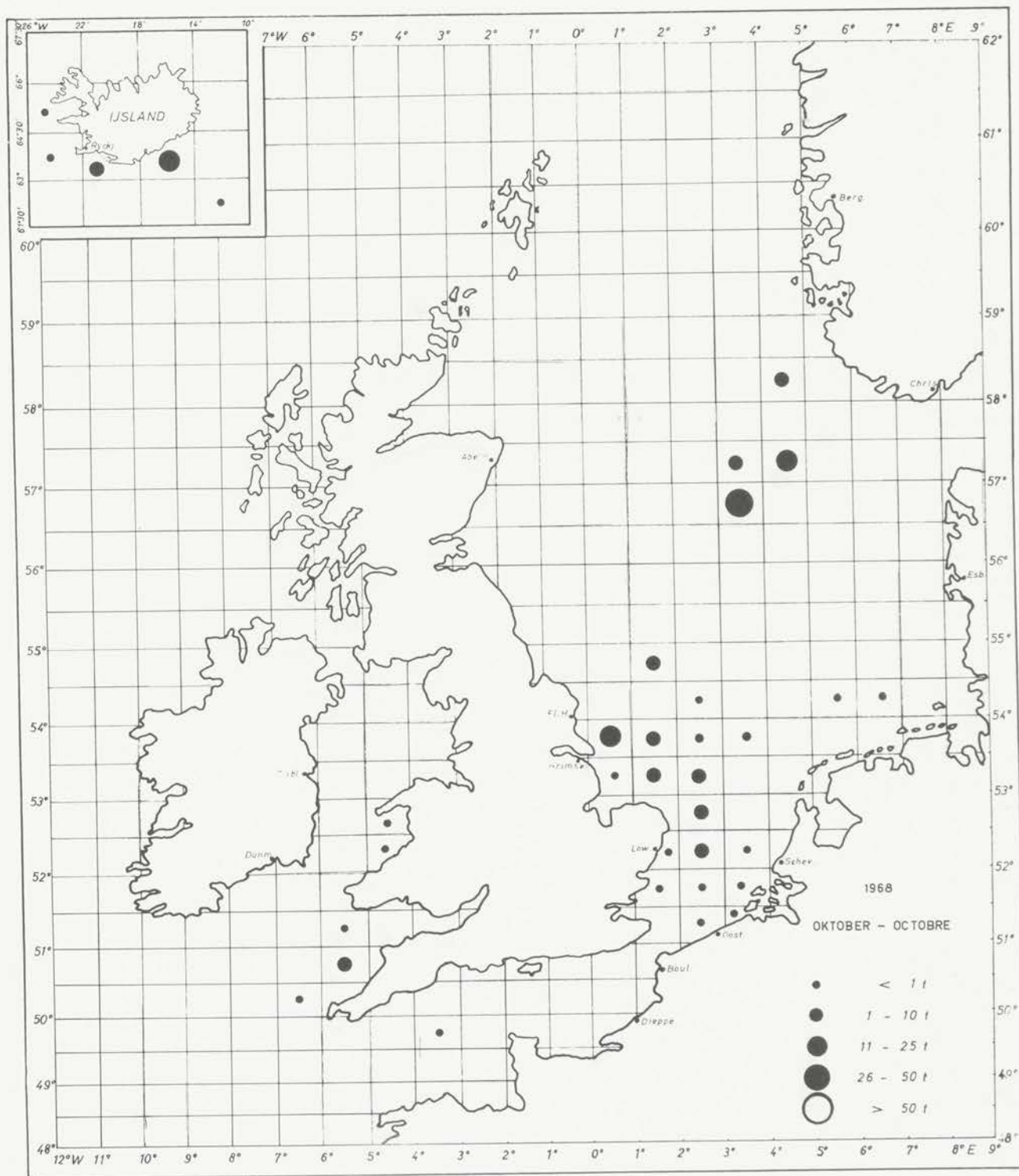


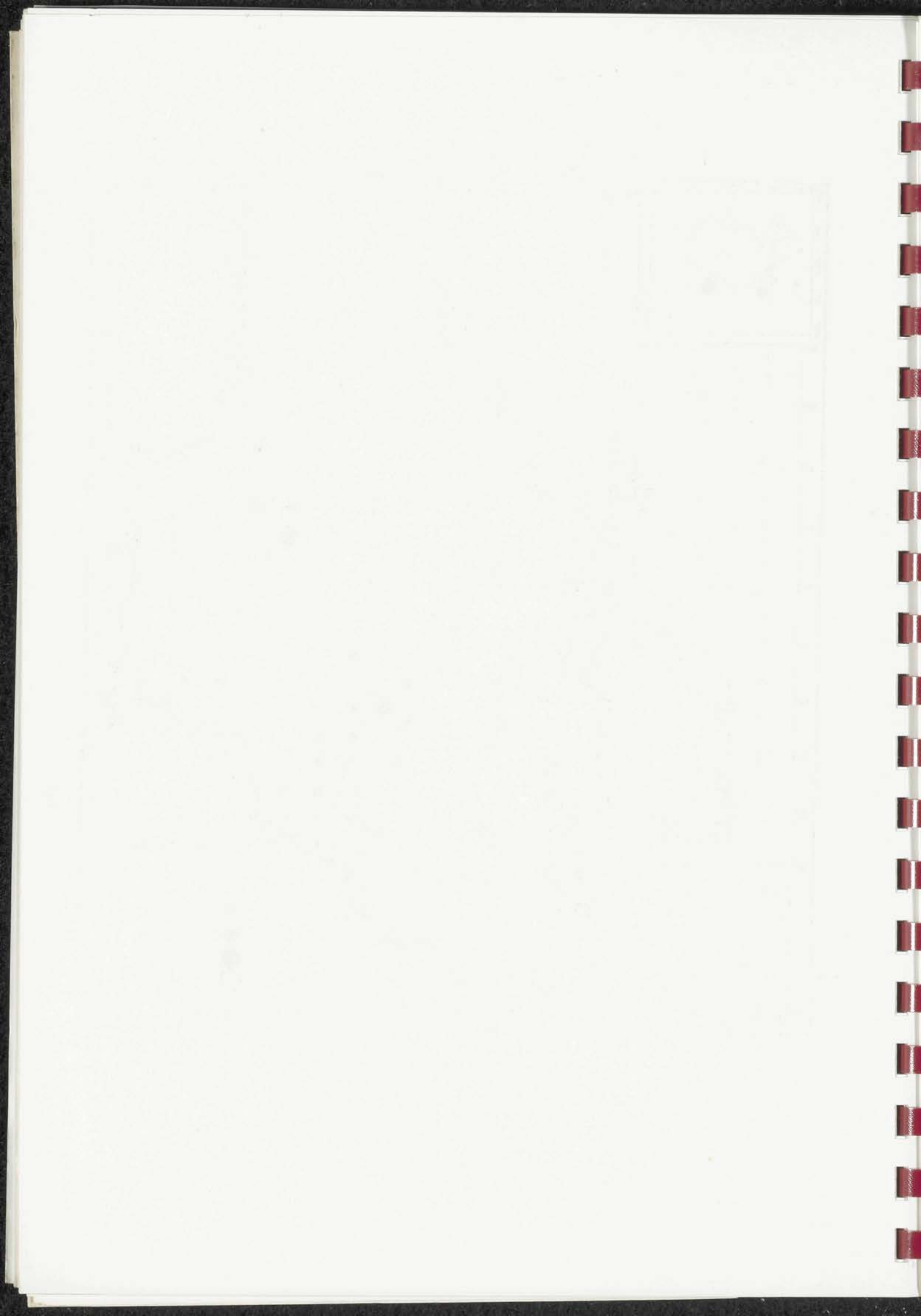
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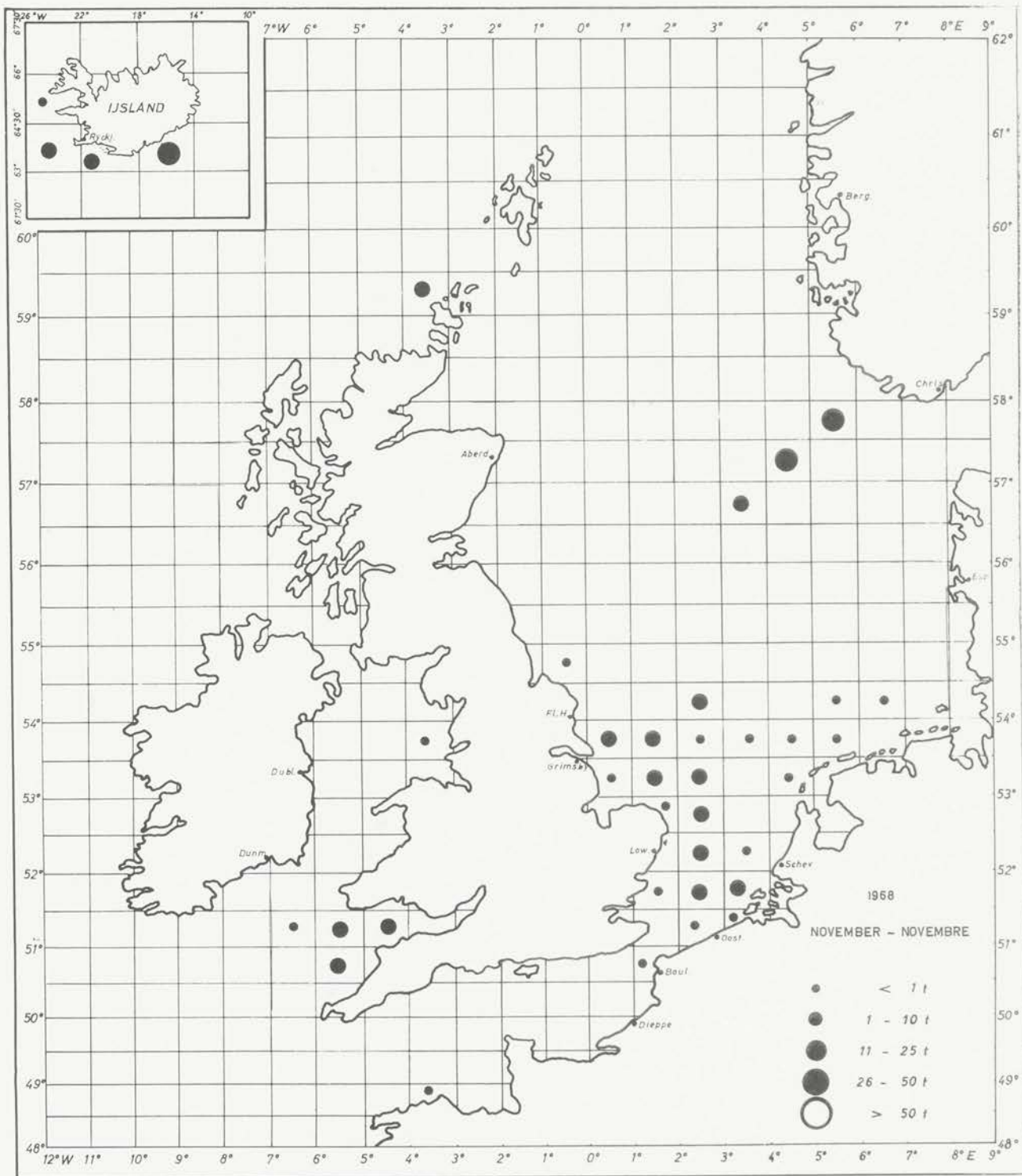


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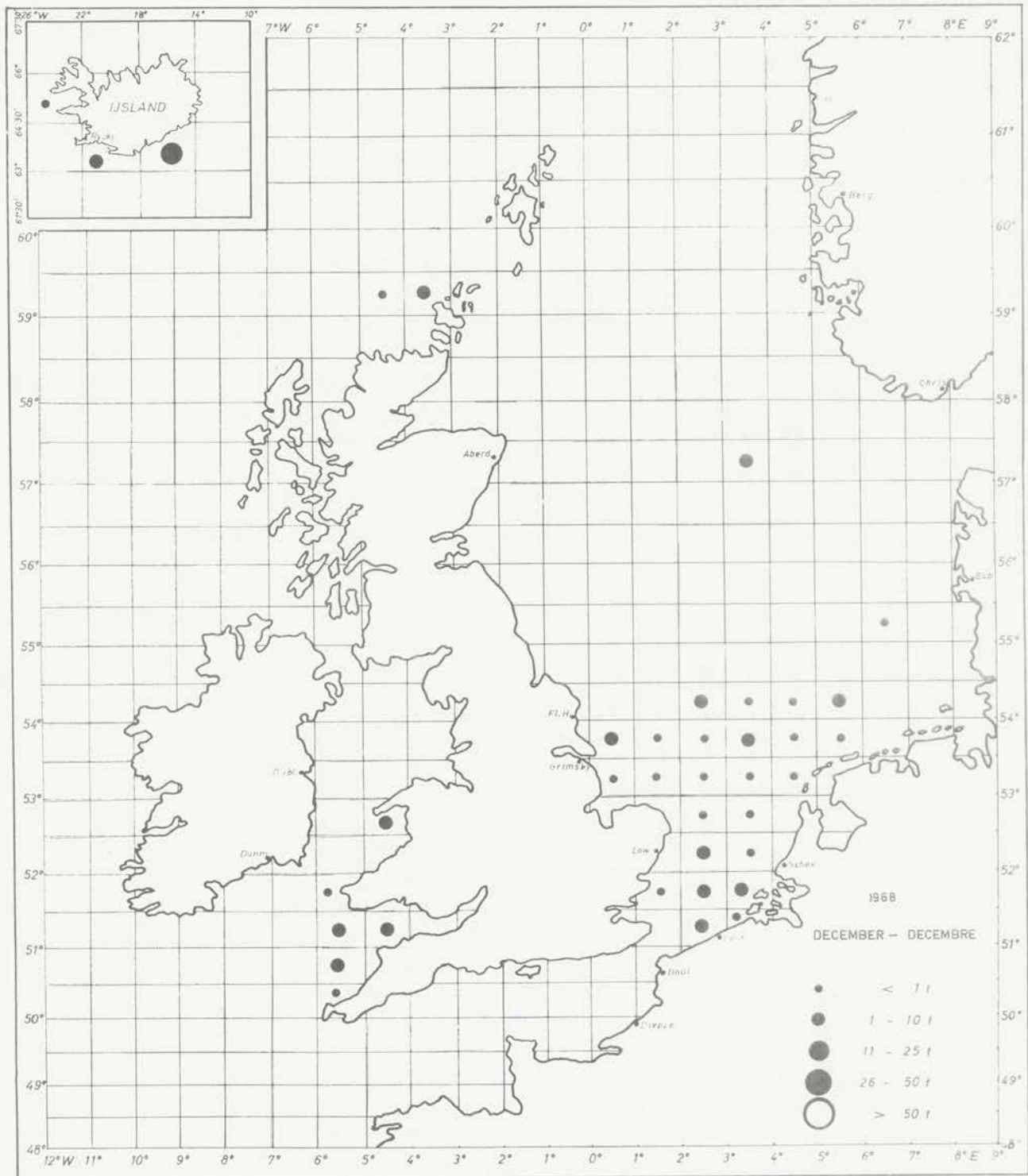


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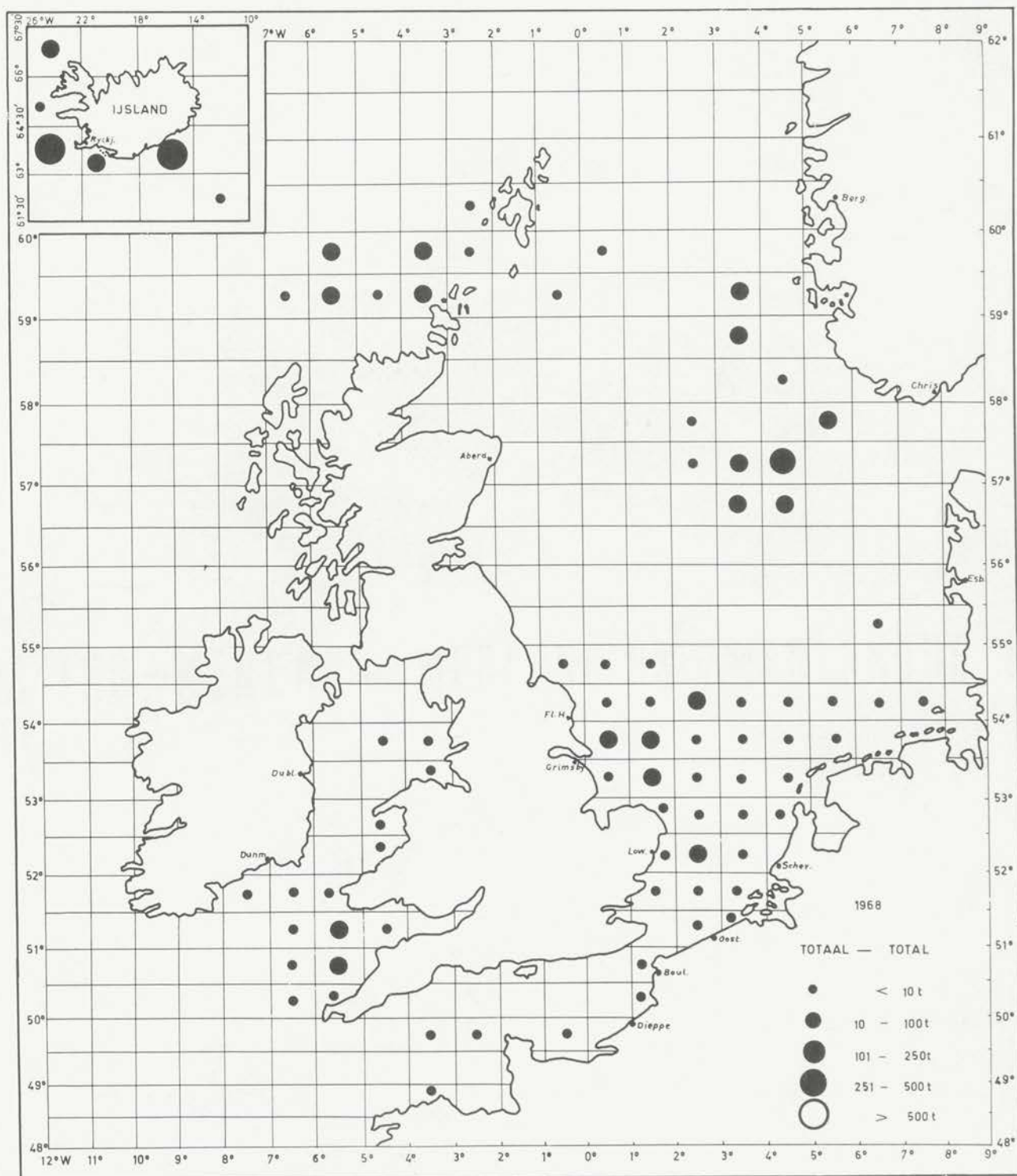


SHELVIS - EGLEFIN



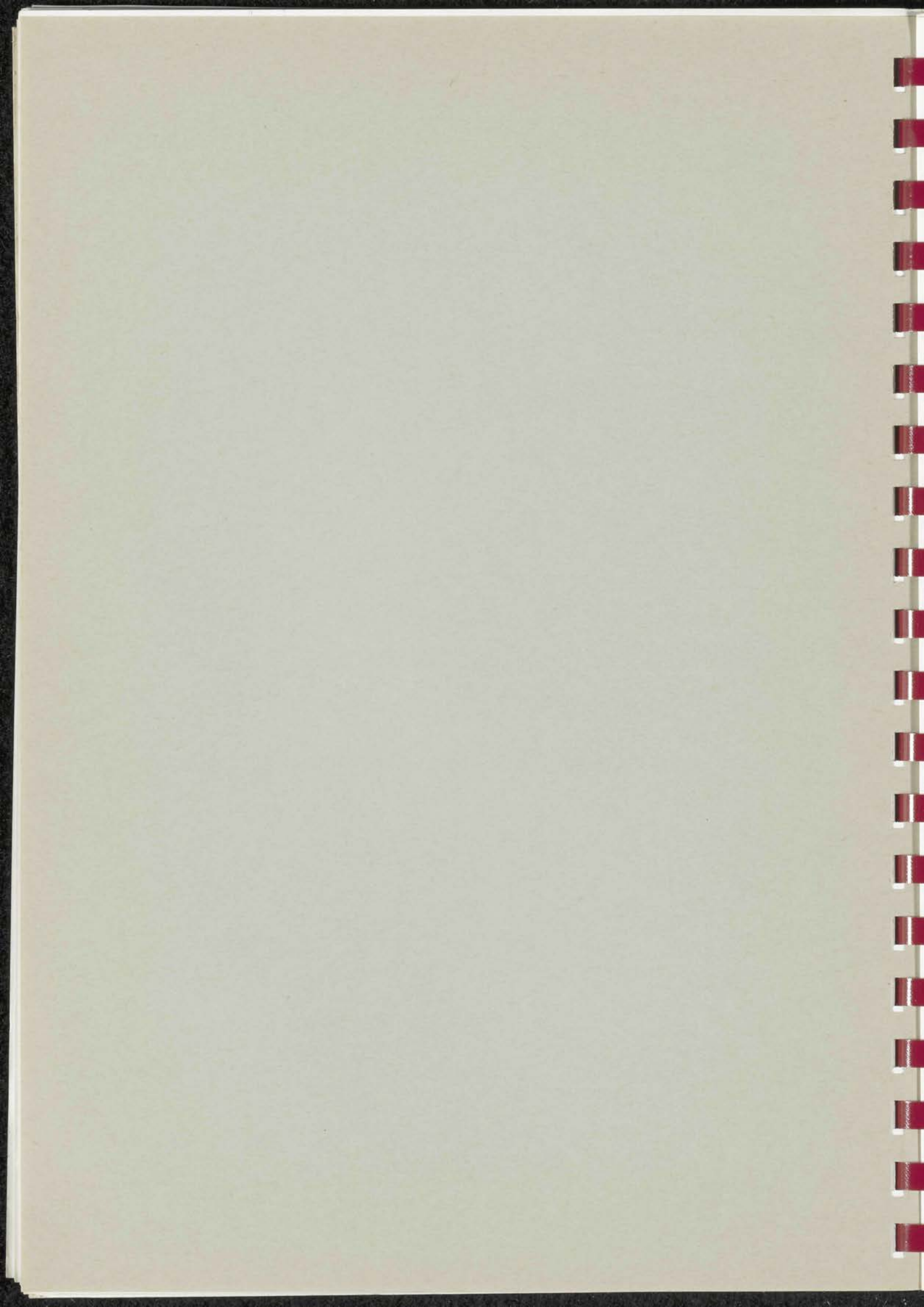


SHELVIS - EGLEFIN





WIJTING-MERLAN- MERLANGIUS MERLANGUS (L.)



Tabel IV - WIJTING - Indeling van de jaarlijkse demersale vangst volgens de gebieden (1)
 Tableau IV - MERLAN - Répartition des pêches annuelles démersales d'après les régions (1)

Gebieden Régions	Kaart A Carte A	1964		1965		1966		1967		1968	
		t	%	t	%	t	%	t	%	t	%
N.Z. Zuid M.N. Méridionale	(IV c)	2396	62.1	2388	67.6	1546	38.9	1779	44.6	1797	41.6
N.Z. Midden M.N. Centrale	(IV b)	913	23.7	582	16.5	270	6.8	412	10.3	397	9.2
N.Z. Noord M.N. Septentrionale	(IV a)	42	1.1	19	0.5	235	5.9	128	3.2	167	3.8
Engels Kanaal Manche	(VII d e)	25	0.6	31	0.9	22	0.6	20	0.5	25	0.6
Ierse Z. & Bristol Kan. M. d'Irlande & C. Bristol	(VII a f)	391	10.1	342	9.7	477	12.0	549	13.7	546	12.7
Z. & W. Ierland S. & W. d'Irlande	(VII bghj)	81	2.1	114	3.2	201	5.1	91	2.3	92	2.1
N.W. Schotland & N. Ierland N.W. Ecosse & N. d'Irlande	(VI a)	4	0.1	-	-	69	1.7	10	0.3	8	0.2
IJslandse Zee Mer d'Islande	(V a 1,2)	8	0.2	56	1.6	1152	29.0	1004	25.1	1288	29.8
Totaal - Total		3860	100.0	3532	100.0	3972	100.0	3993	100.0	4320	100.0

(1) Bron : Dienst voor de Zeevisserij, Oostende.

(1) Source : Service de la Pêche Maritime, Ostende.

WIJTING - MERLAN

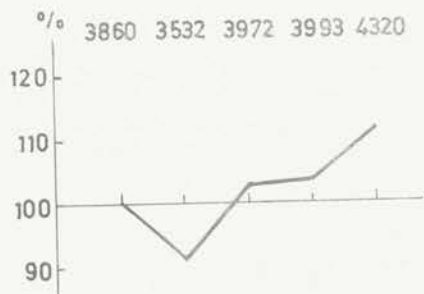


Fig. 1. Jaarlijkse aanvoer 1964 = 100
Apports annuels 1964 = 100



Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navire en activité

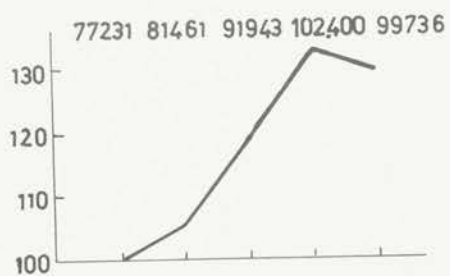


Fig. 3. Drijfkracht (p.k)
Force motrice (c.x)

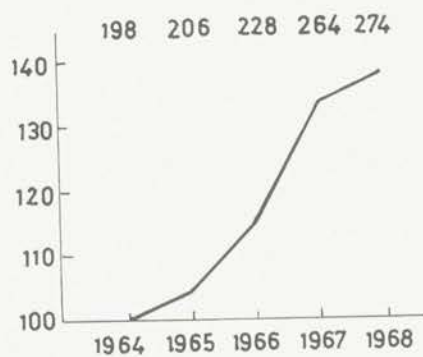
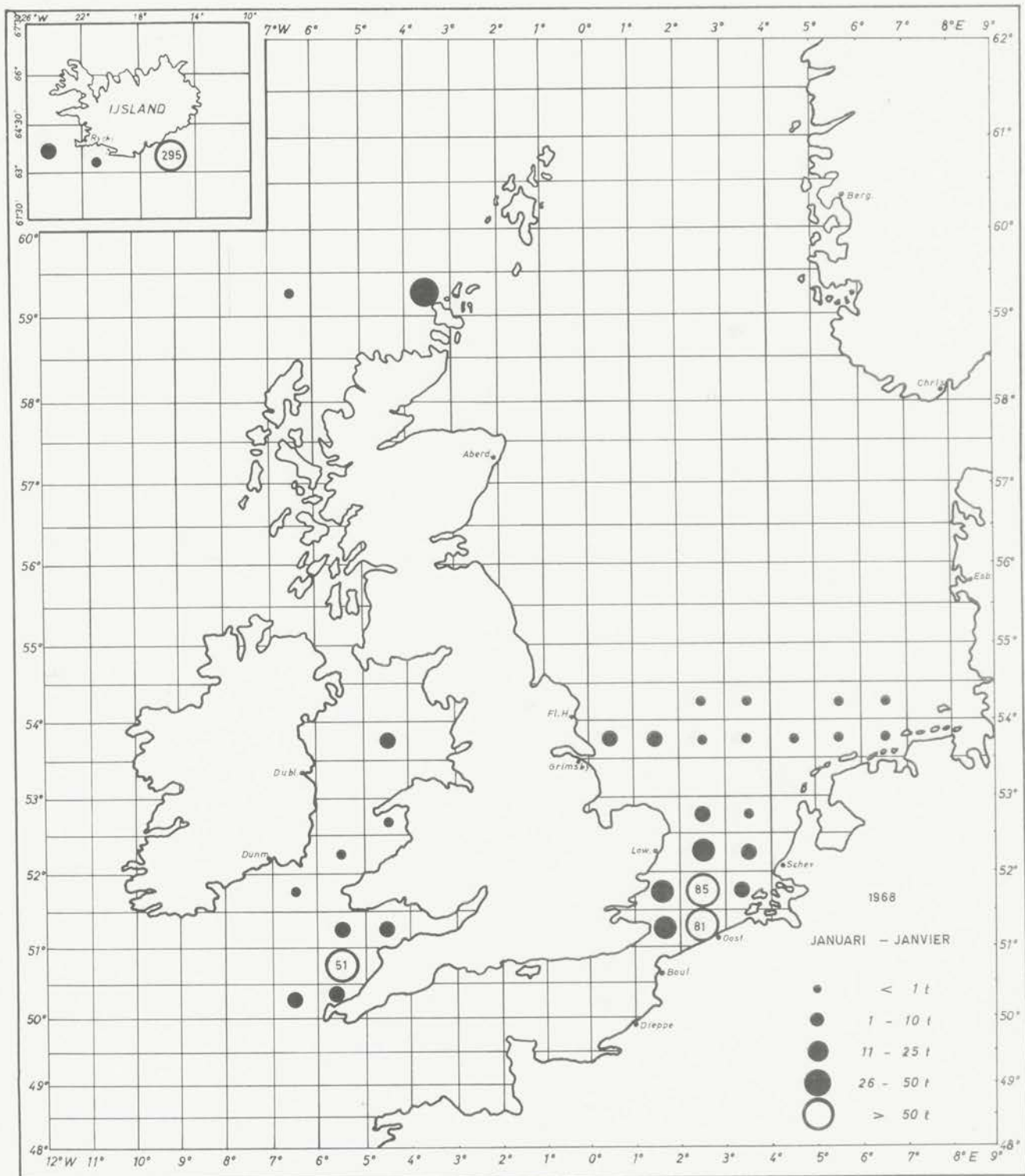


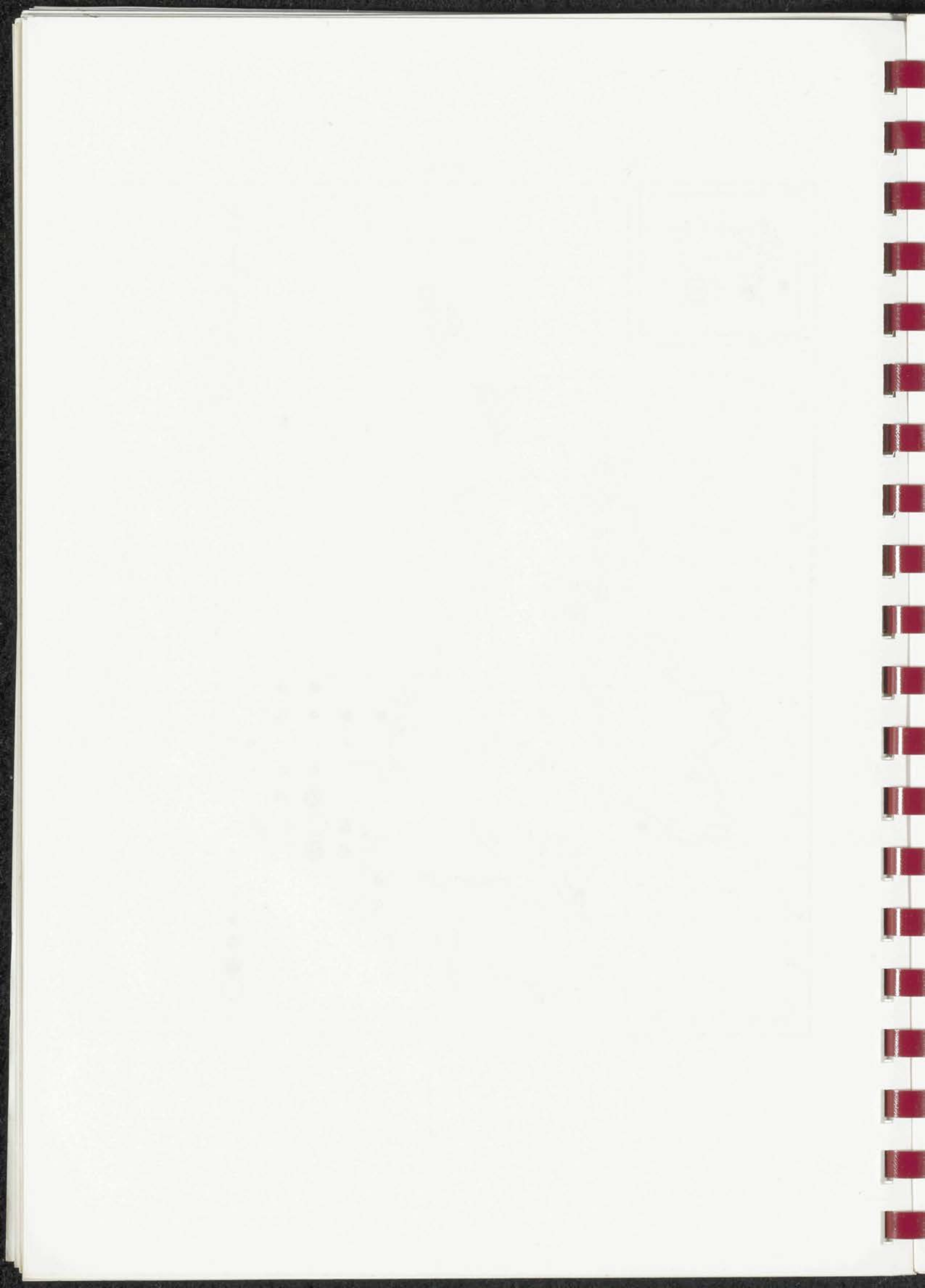
Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cx par navire



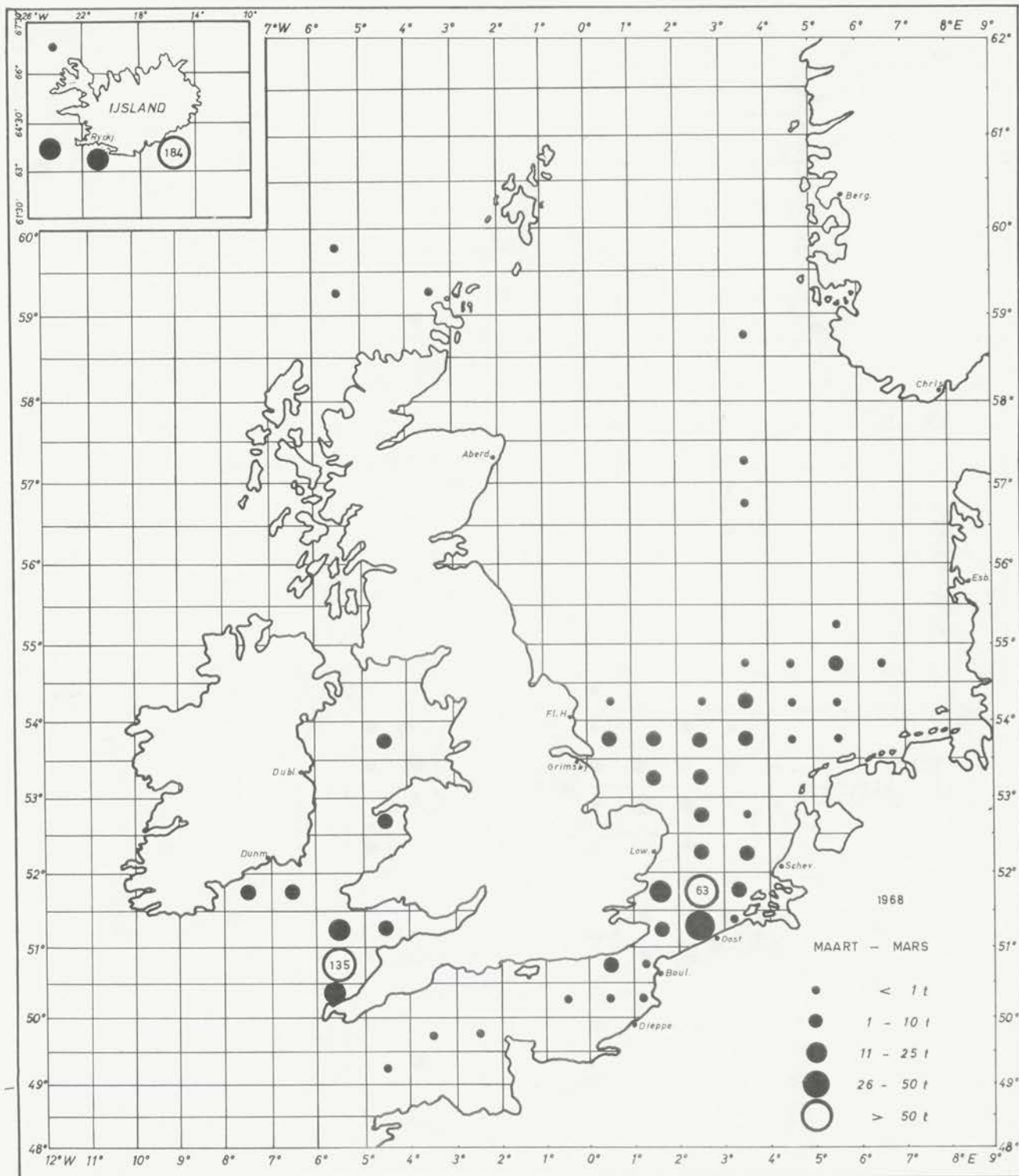
WIJTING - MERLAN

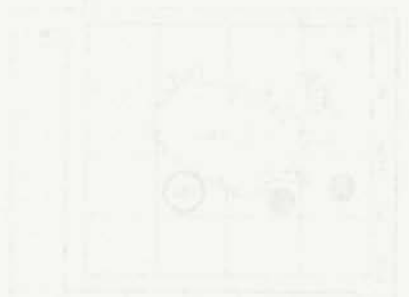




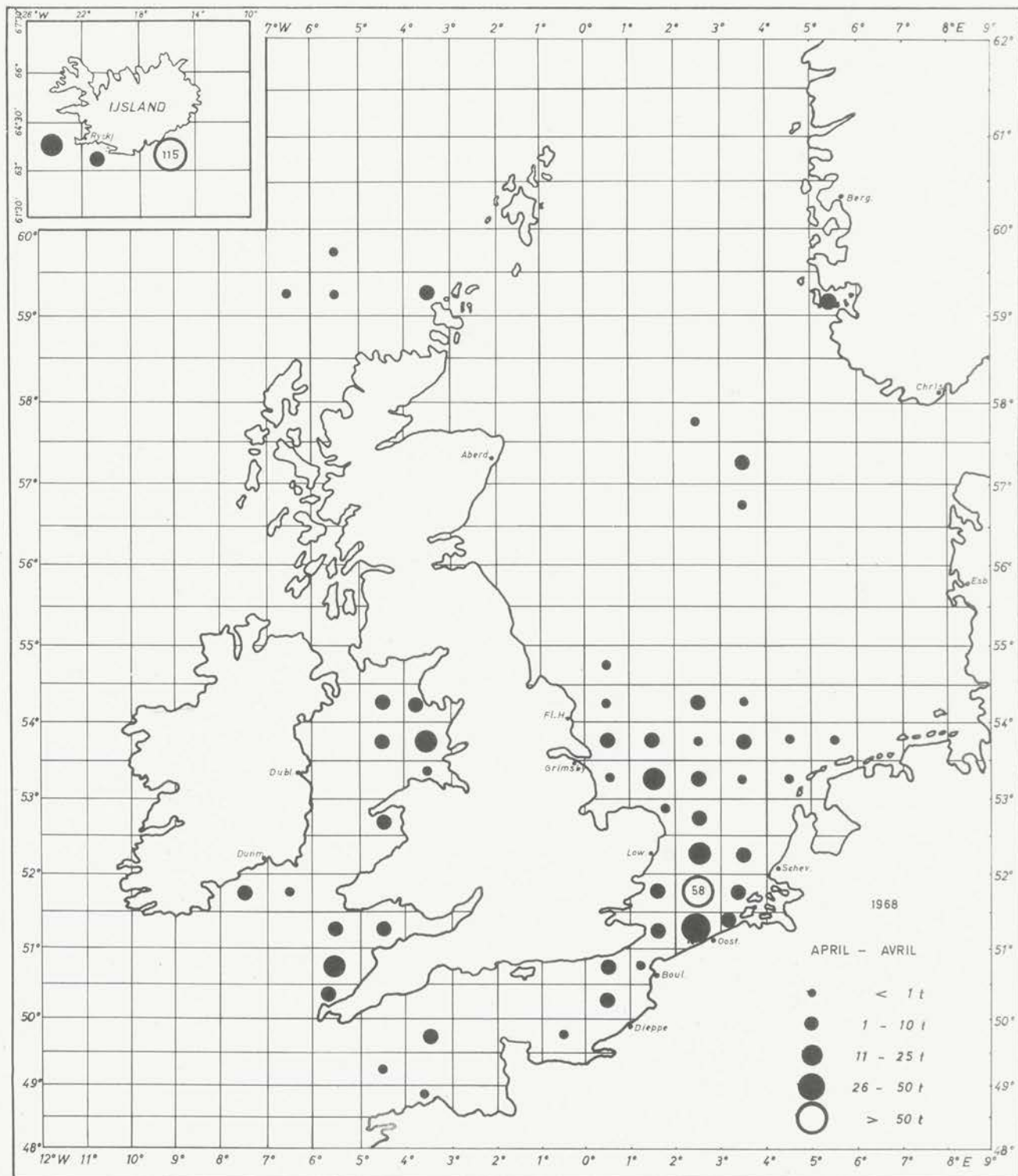


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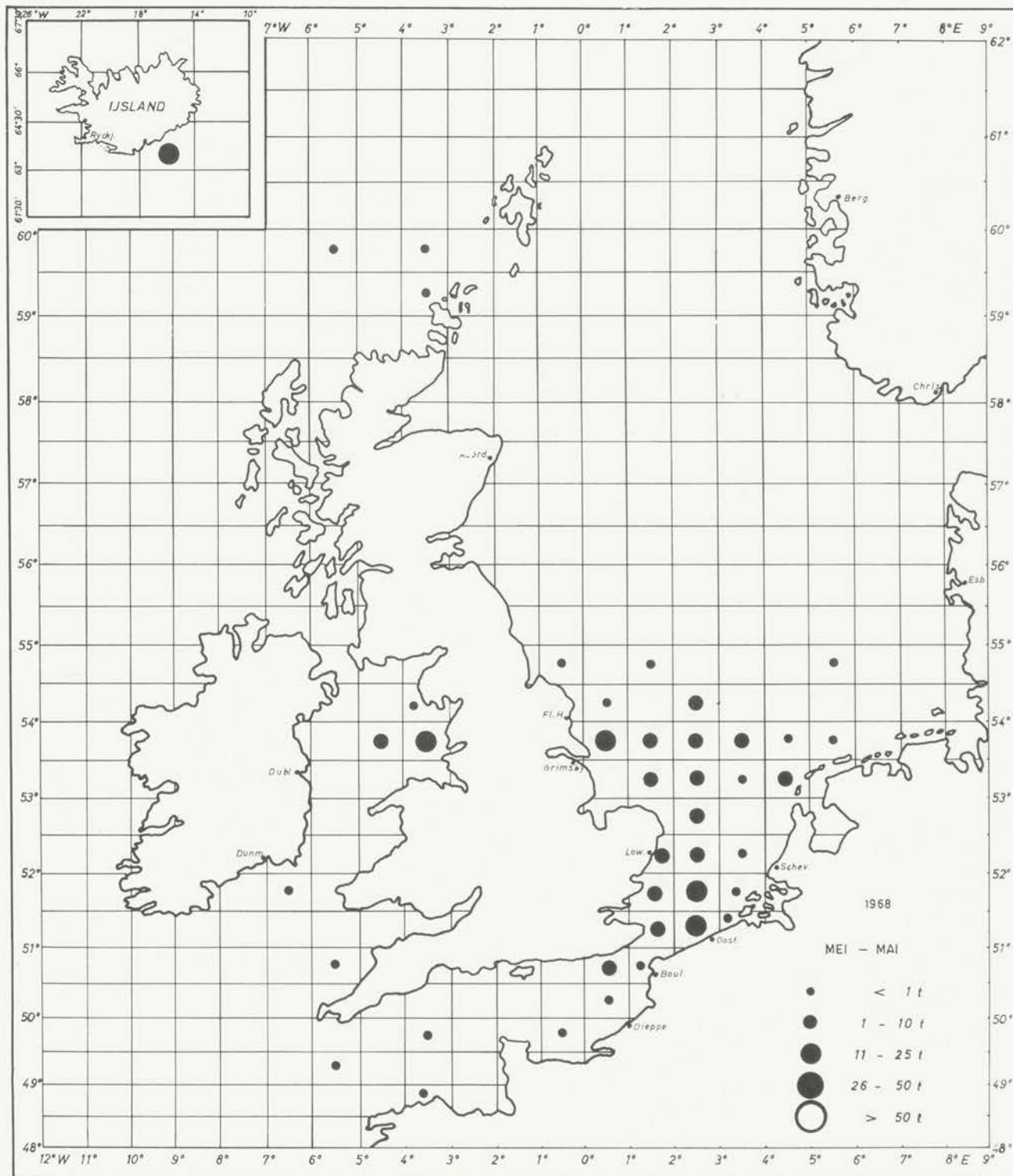


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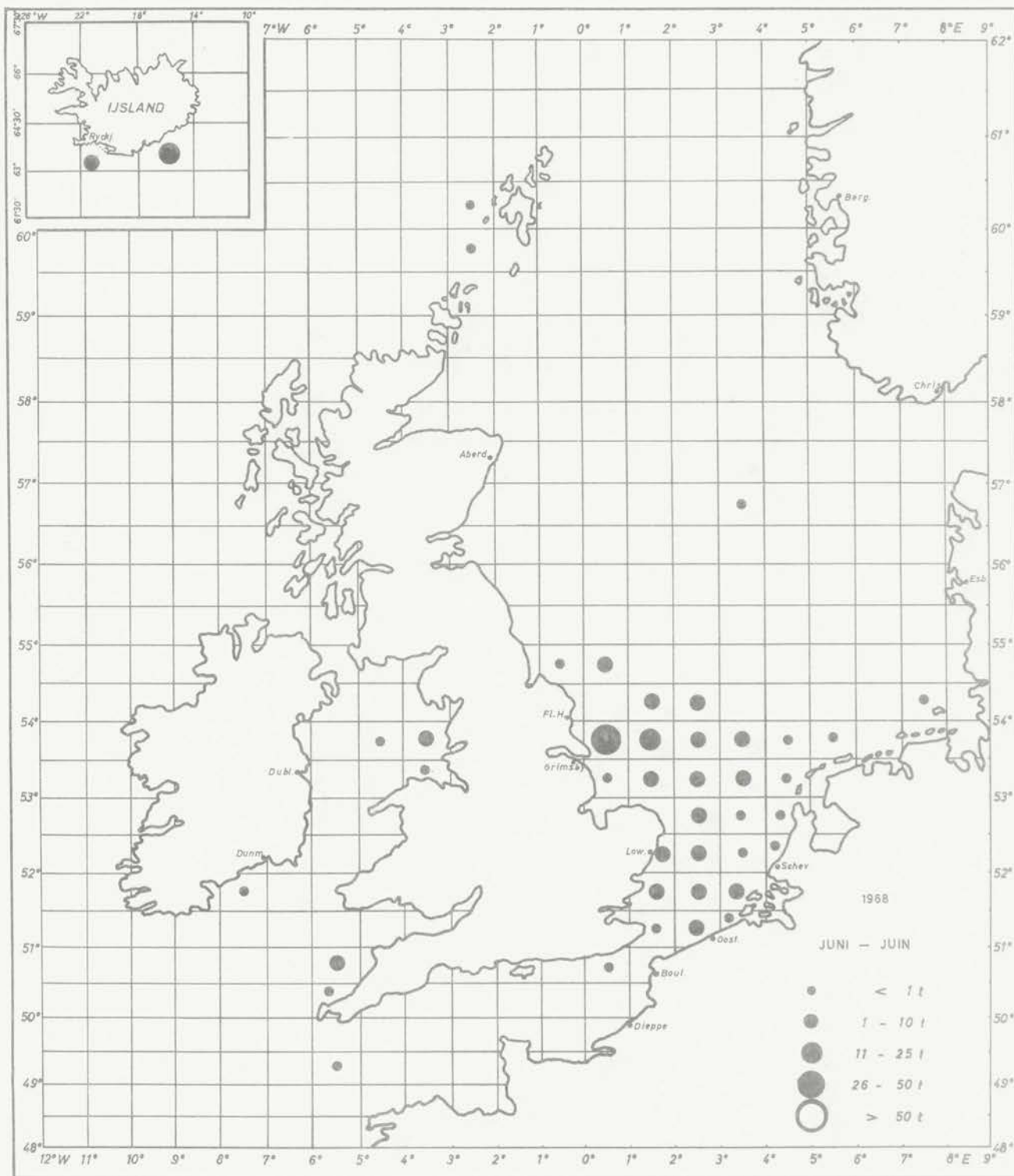


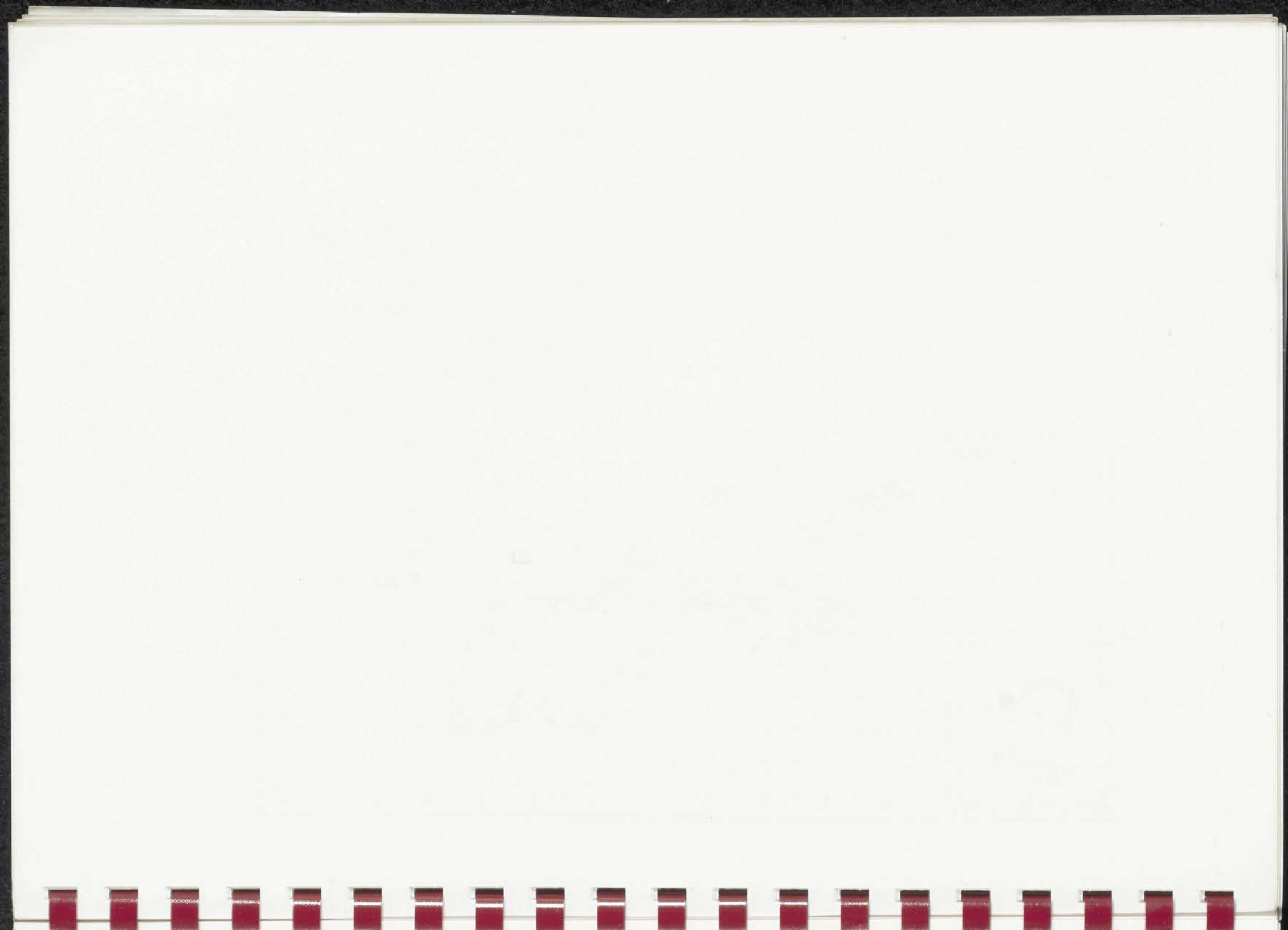
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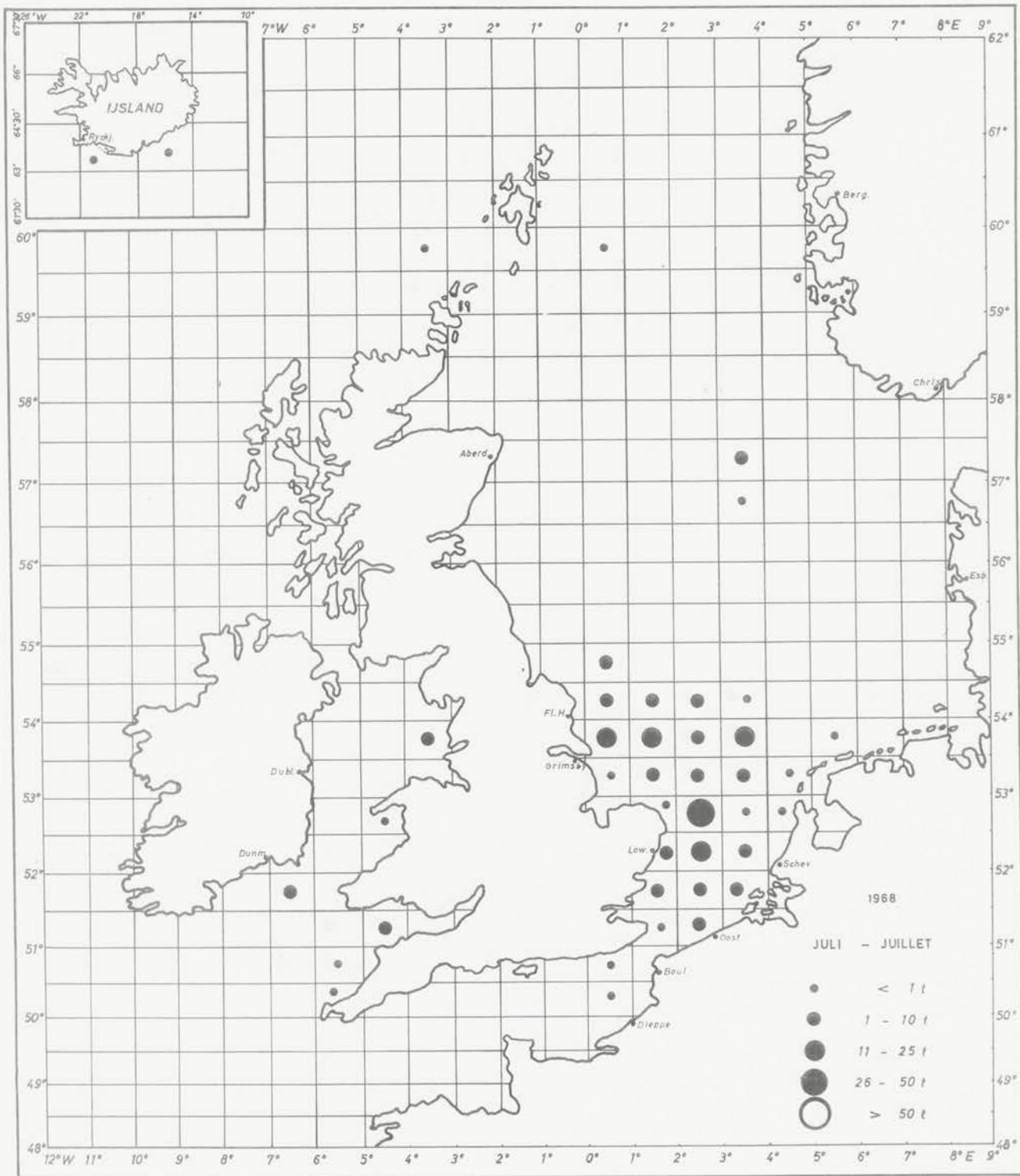


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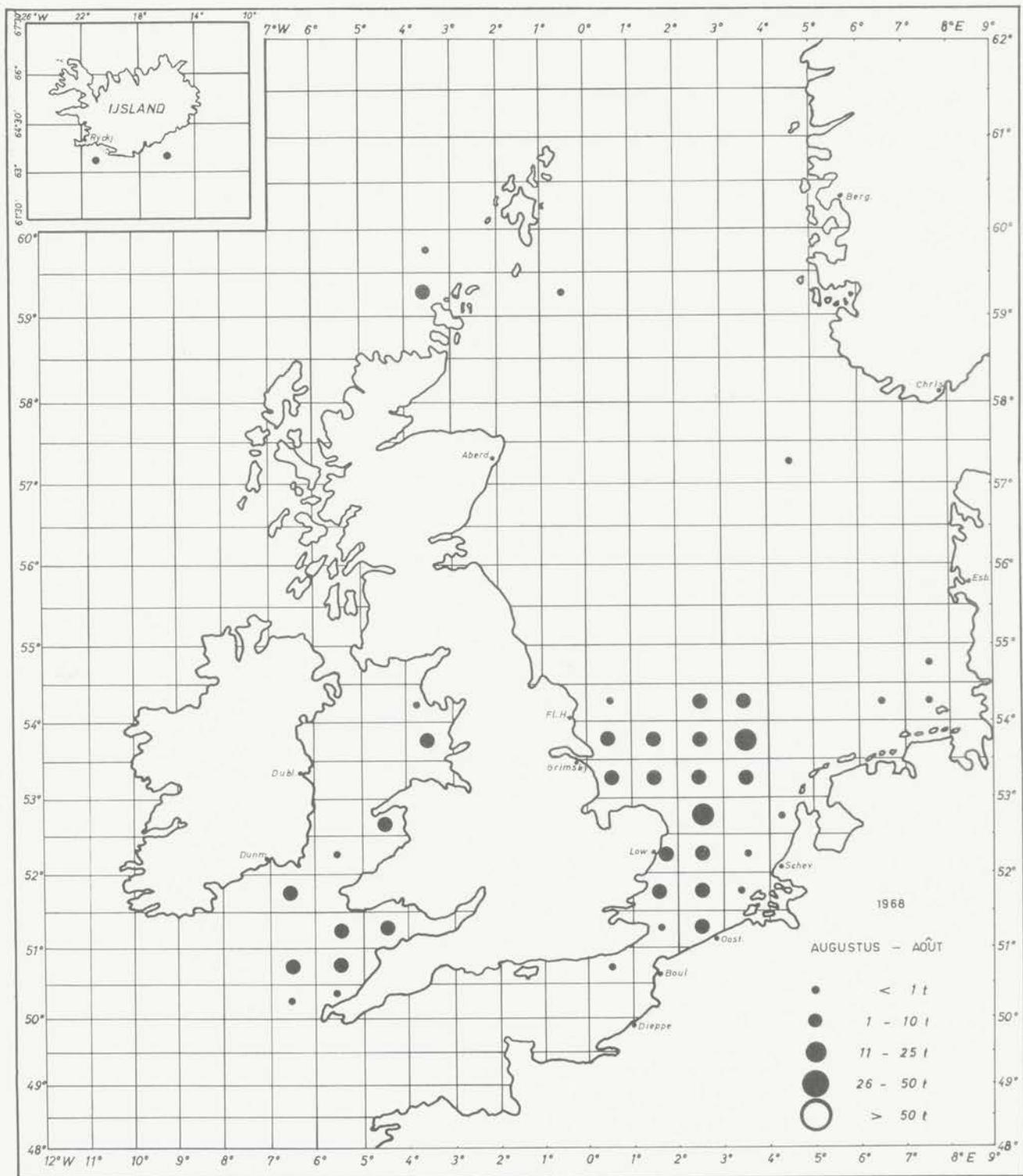


WIJTING - MERLAN





WIJTING - MERLAN



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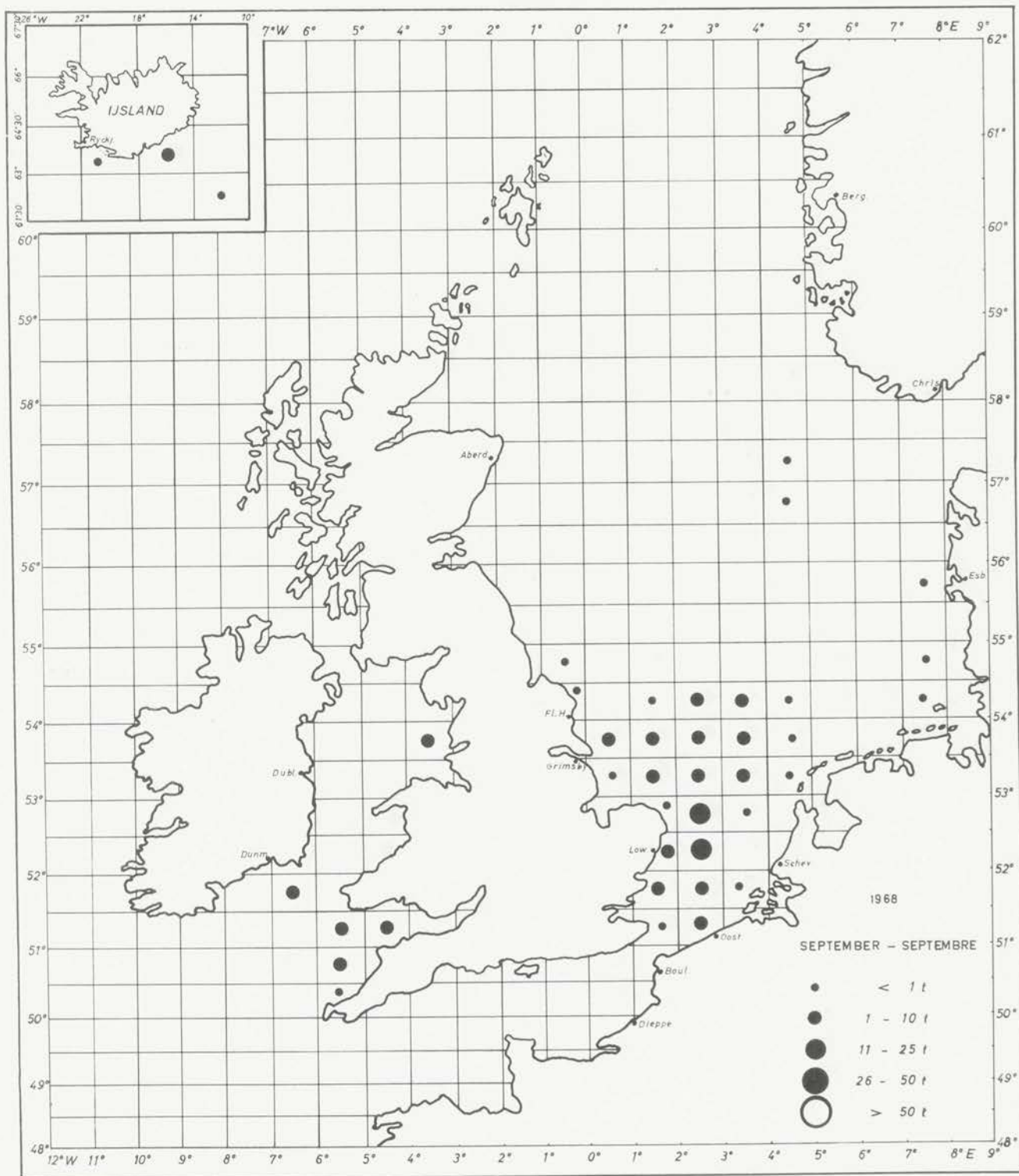
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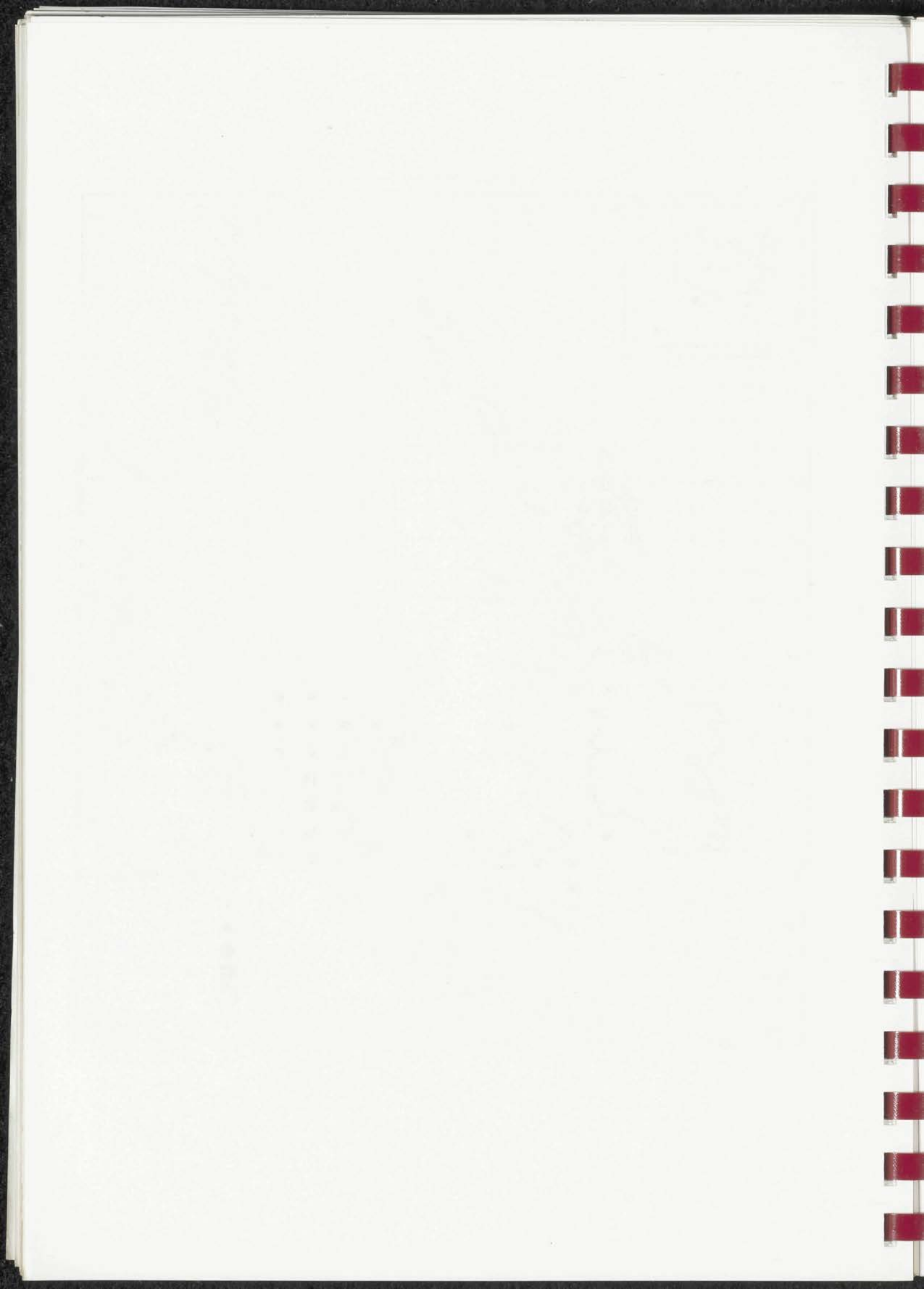
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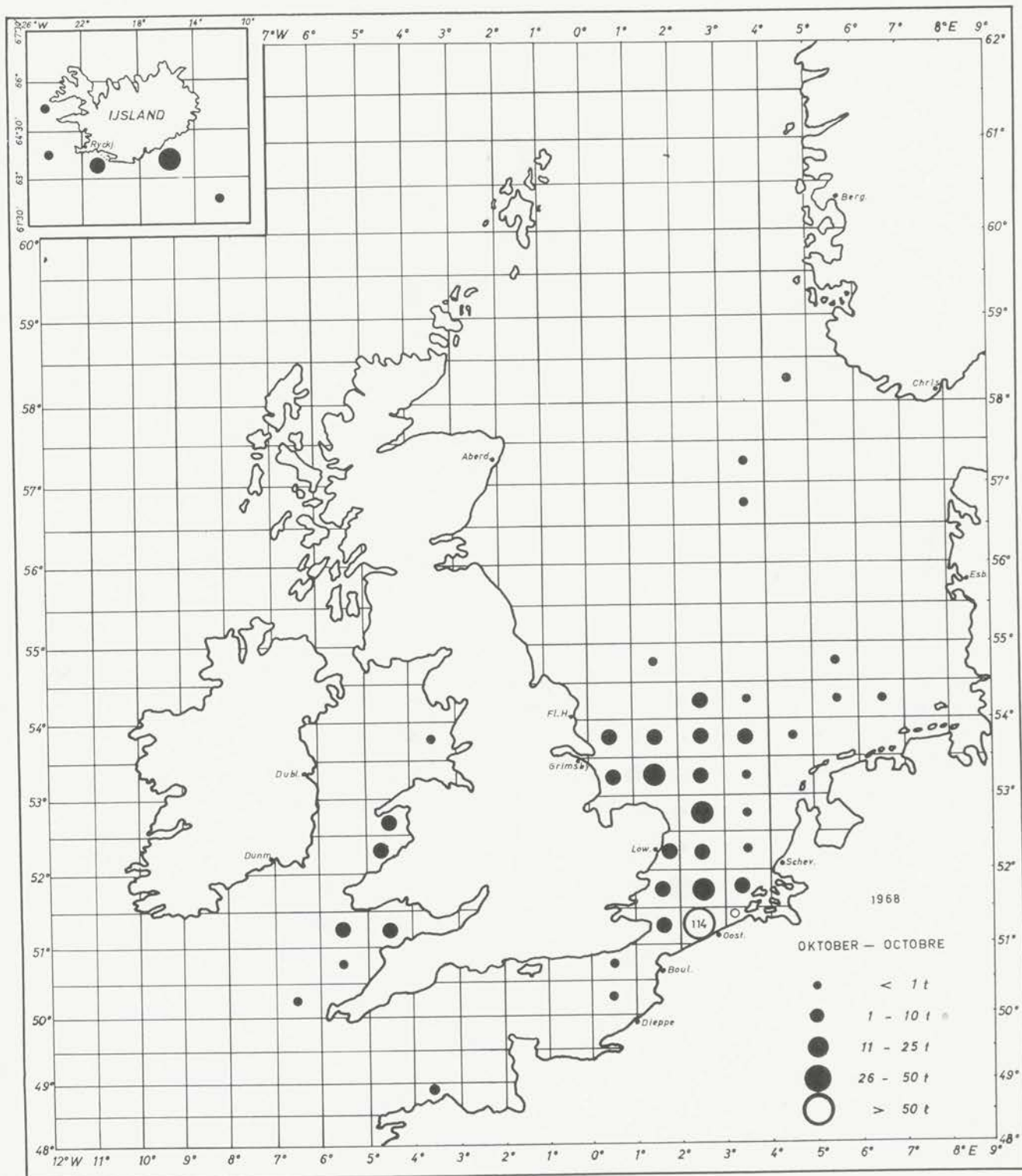
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WIJTING - MERLAN



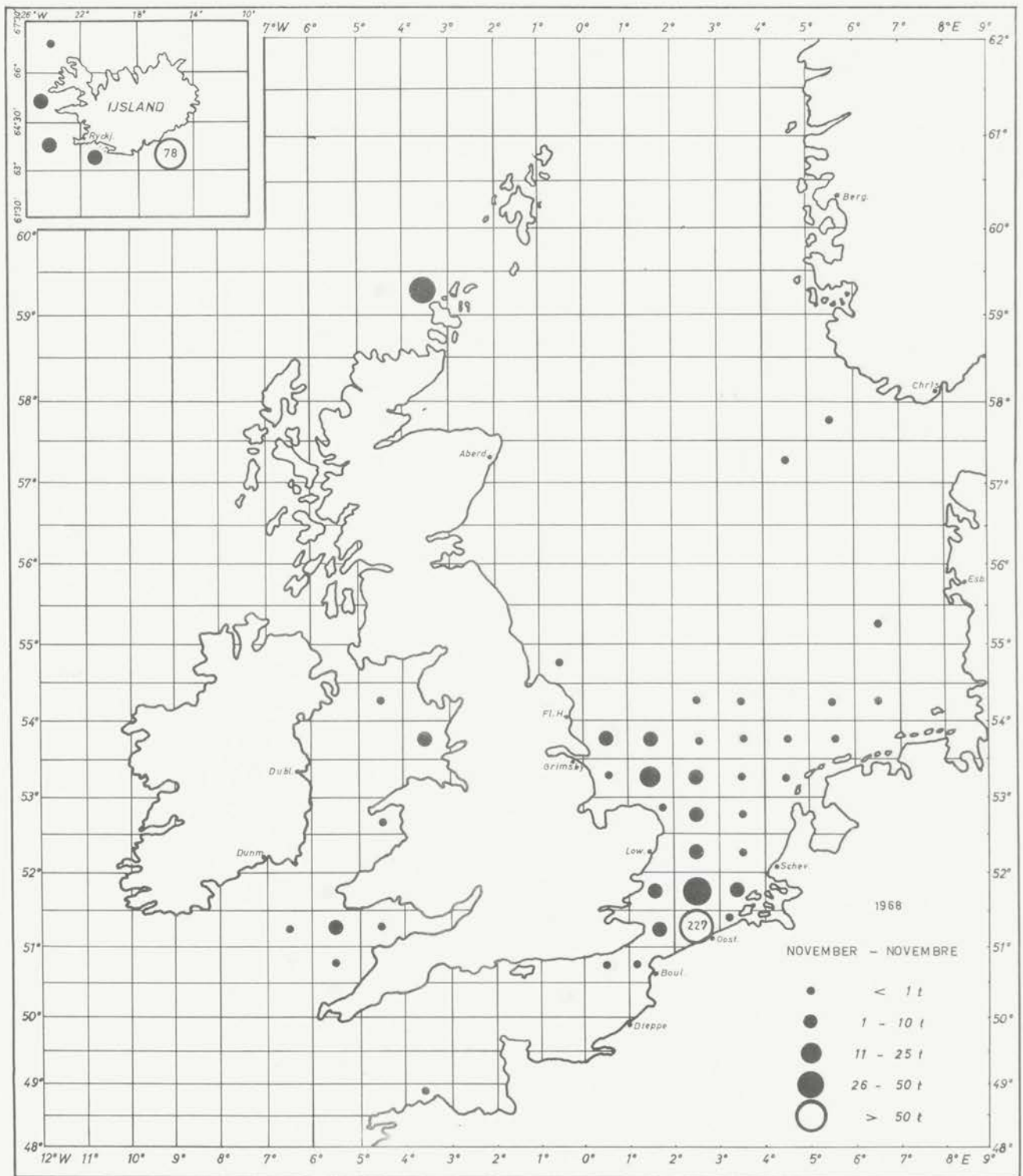


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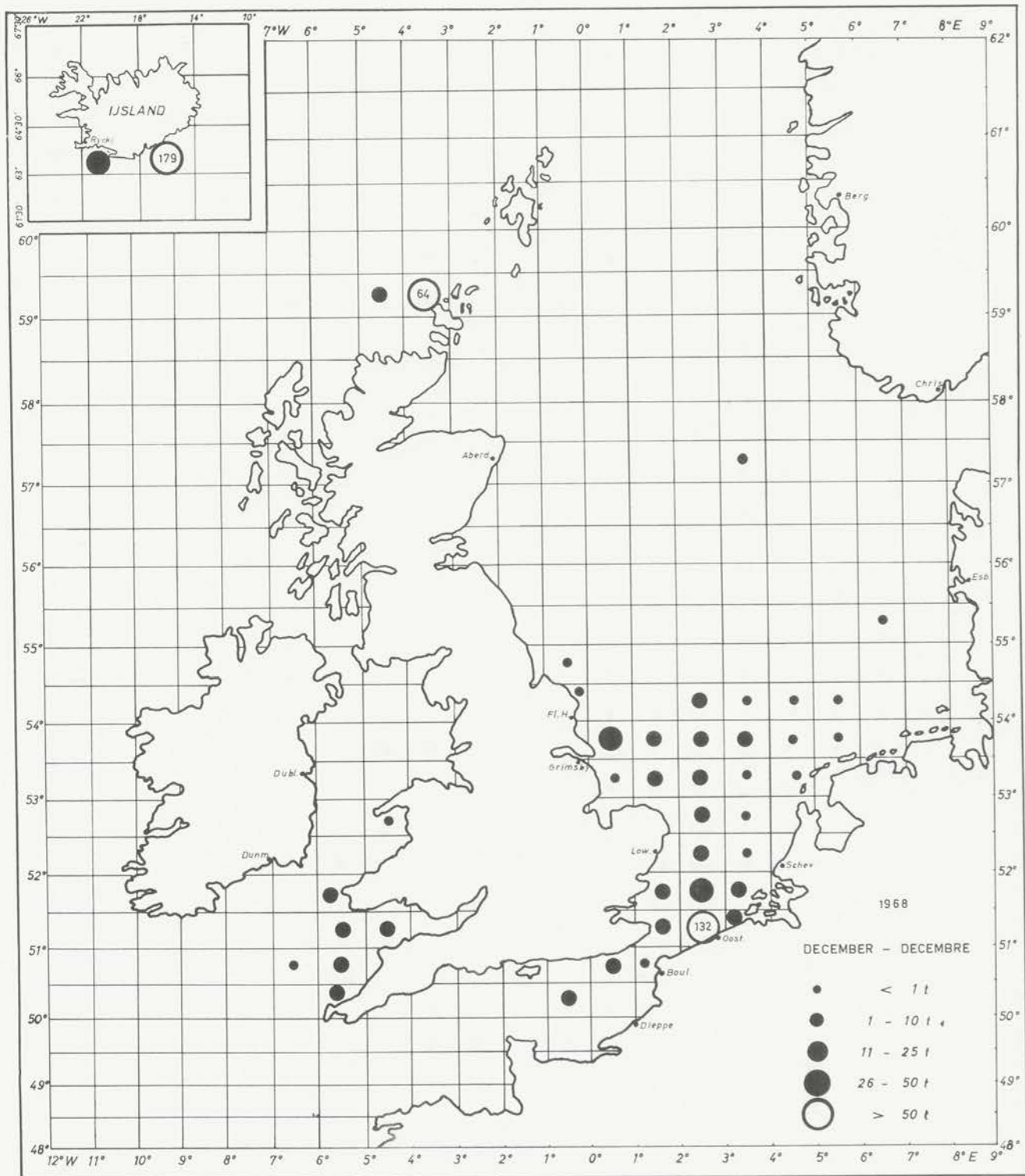


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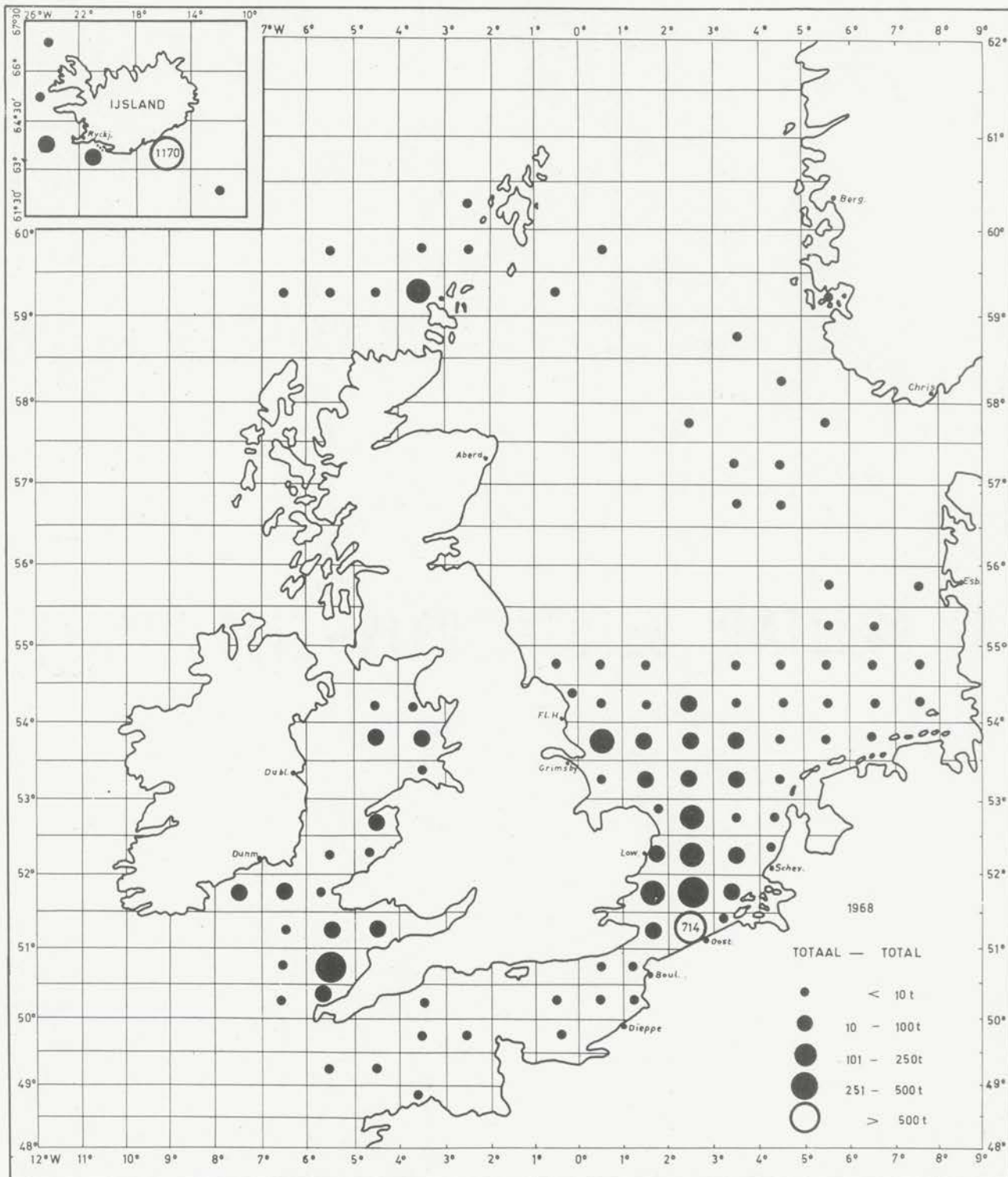


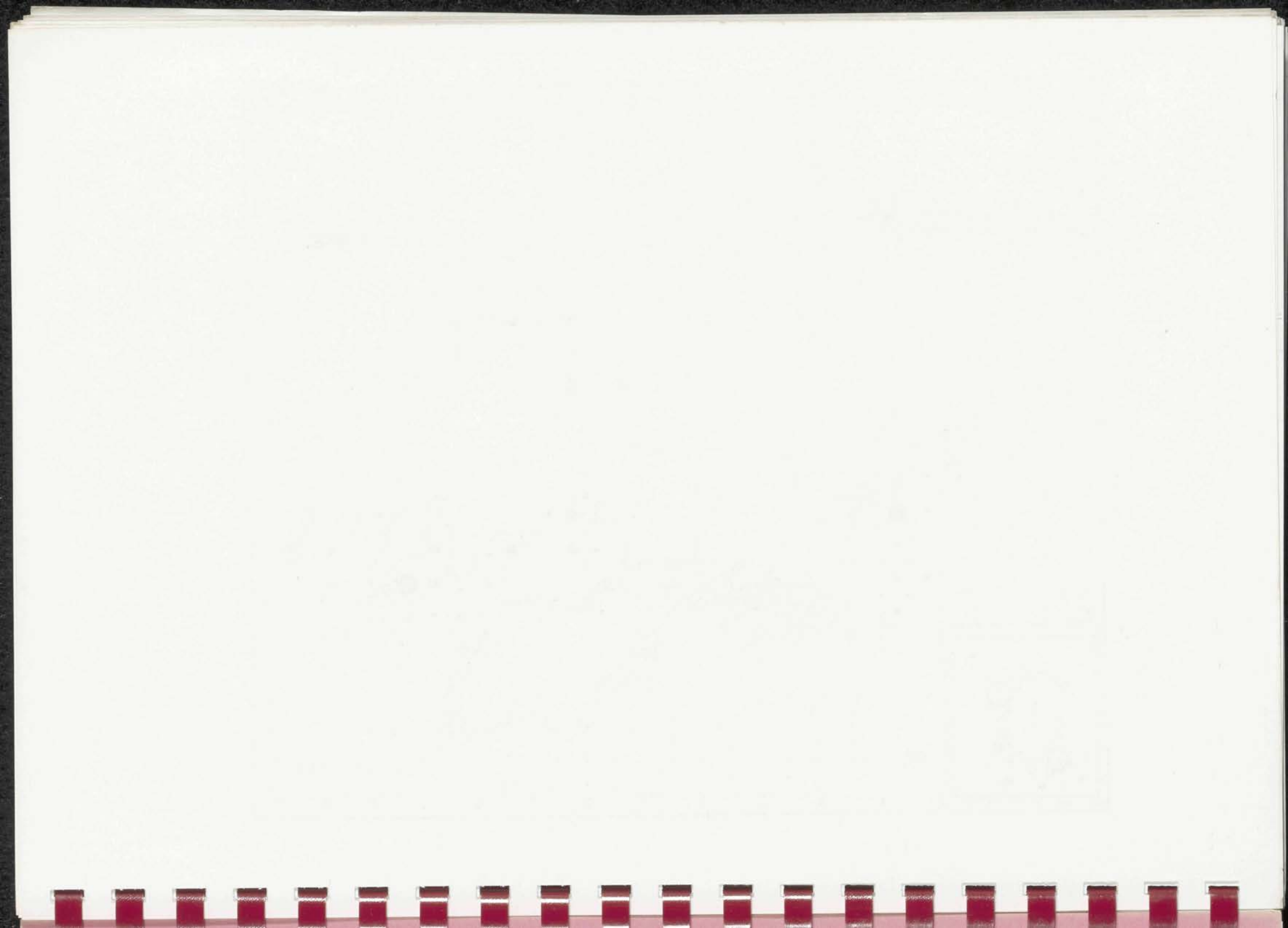
WIJTING - MERLAN





WIJTING - MERLAN





SCHOL - PLIE - PLEURONECTES PLATESSA (L.)



Tabel V - SCHOL - Indeling van de jaarlijkse demersale vangst volgens de gebieden (1)

Tableau V - PLIE - Répartition des pêches annuelles démersales d'après les régions (1)

Gebieden Régions	Kaart A Carte A	1964		1965		1966		1967		1968	
		t	%	t	%	t	%	t	%	t	%
N.Z. Zuid M.N. Méridionale	(IV c)	2396	62.1	2388	67.6	4381	82.6	4921	82.2	3816	71.1
N.Z. Midden M.N. Centrale	(IV b)	913	23.7	582	16.5	658	12.4	806	13.5	1033	19.3
N.Z. Noord M.N. Septentrionale	(IV a)	42	1.1	18	0.5	14	0.3	3	0.1	4	0.1
Engels Kanaal Manche	(VII d e)	25	0.6	31	0.9	22	0.4	11	0.2	28	0.5
Ierse Z. & Bristol K. Mer d'Irlande & C. Bristol	(VII a f)	391	10.1	342	9.7	167	3.1	186	3.1	377	7.0
N.W. Schotland & N. Ierland N.W. Ecosse & N. d'Irlande	(VI a)	4	0.1	-	-	17	0.3	2	0.0	101	1.9
Z. & W. Ierland S. & W. d'Irlande	(VII bghj)	81	2.1	114	3.2	35	0.7	48	0.8	1	0.0
IJslandse Zee Mer d'Islande	(V a 1,2)	8	0.2	56	1.6	13	0.2	6	0.1	3	0.1
Totaal - Total		3860	100.0	3531	100.0	5307	100.0	5983	100.0	5363	100.0

(1) Bron : Dienst voor de Zeevisserij, Oostende.

(1) Source : Service de la Pêche Maritime, Ostende.

Year	Month	Day	Temperature	Humidity	Wind	Clouds	Notes
1950	Jan	1	65	70	10	Partly	Clear
1950	Jan	2	68	75	12	Partly	Clear
1950	Jan	3	70	78	15	Partly	Clear
1950	Jan	4	72	80	18	Partly	Clear
1950	Jan	5	75	82	20	Partly	Clear
1950	Jan	6	78	85	22	Partly	Clear
1950	Jan	7	80	88	25	Partly	Clear
1950	Jan	8	82	90	28	Partly	Clear
1950	Jan	9	85	92	30	Partly	Clear
1950	Jan	10	88	95	32	Partly	Clear
1950	Jan	11	90	98	35	Partly	Clear
1950	Jan	12	92	100	38	Partly	Clear
1950	Jan	13	95	100	40	Partly	Clear
1950	Jan	14	98	100	42	Partly	Clear
1950	Jan	15	100	100	45	Partly	Clear
1950	Jan	16	102	100	48	Partly	Clear
1950	Jan	17	105	100	50	Partly	Clear
1950	Jan	18	108	100	52	Partly	Clear
1950	Jan	19	110	100	55	Partly	Clear
1950	Jan	20	112	100	58	Partly	Clear
1950	Jan	21	115	100	60	Partly	Clear
1950	Jan	22	118	100	62	Partly	Clear
1950	Jan	23	120	100	65	Partly	Clear
1950	Jan	24	122	100	68	Partly	Clear
1950	Jan	25	125	100	70	Partly	Clear
1950	Jan	26	128	100	72	Partly	Clear
1950	Jan	27	130	100	75	Partly	Clear
1950	Jan	28	132	100	78	Partly	Clear
1950	Jan	29	135	100	80	Partly	Clear
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1950	Jan	31	140	100	85	Partly	Clear

SCHOL - PLIE

21.

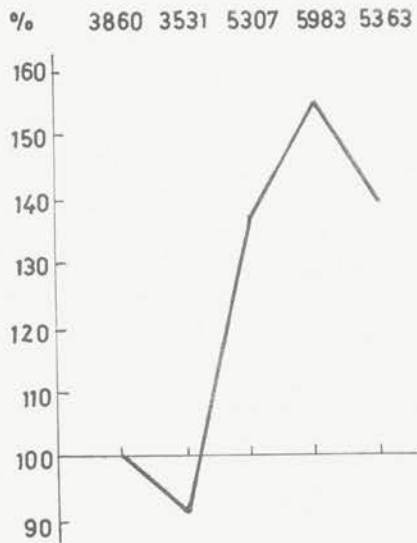


Fig. 1. Jaarlijkse aanvoer 1964 = 100
Apports annuels 1964 = 100

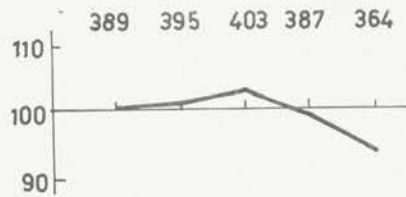


Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navire en activité

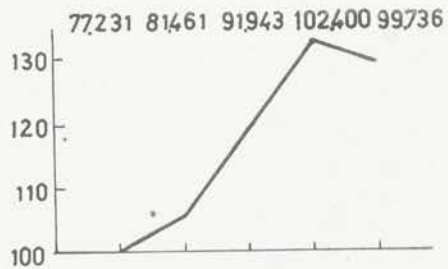


Fig. 3. Drijfkracht (p.k)
Force motrice (c.x.)

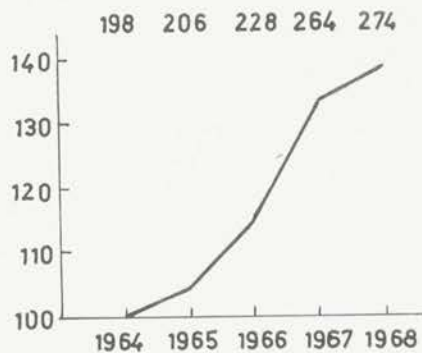


Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cx par navire

SCHOOL - PUPIL

NAME OF PUPIL



PERCENTAGE

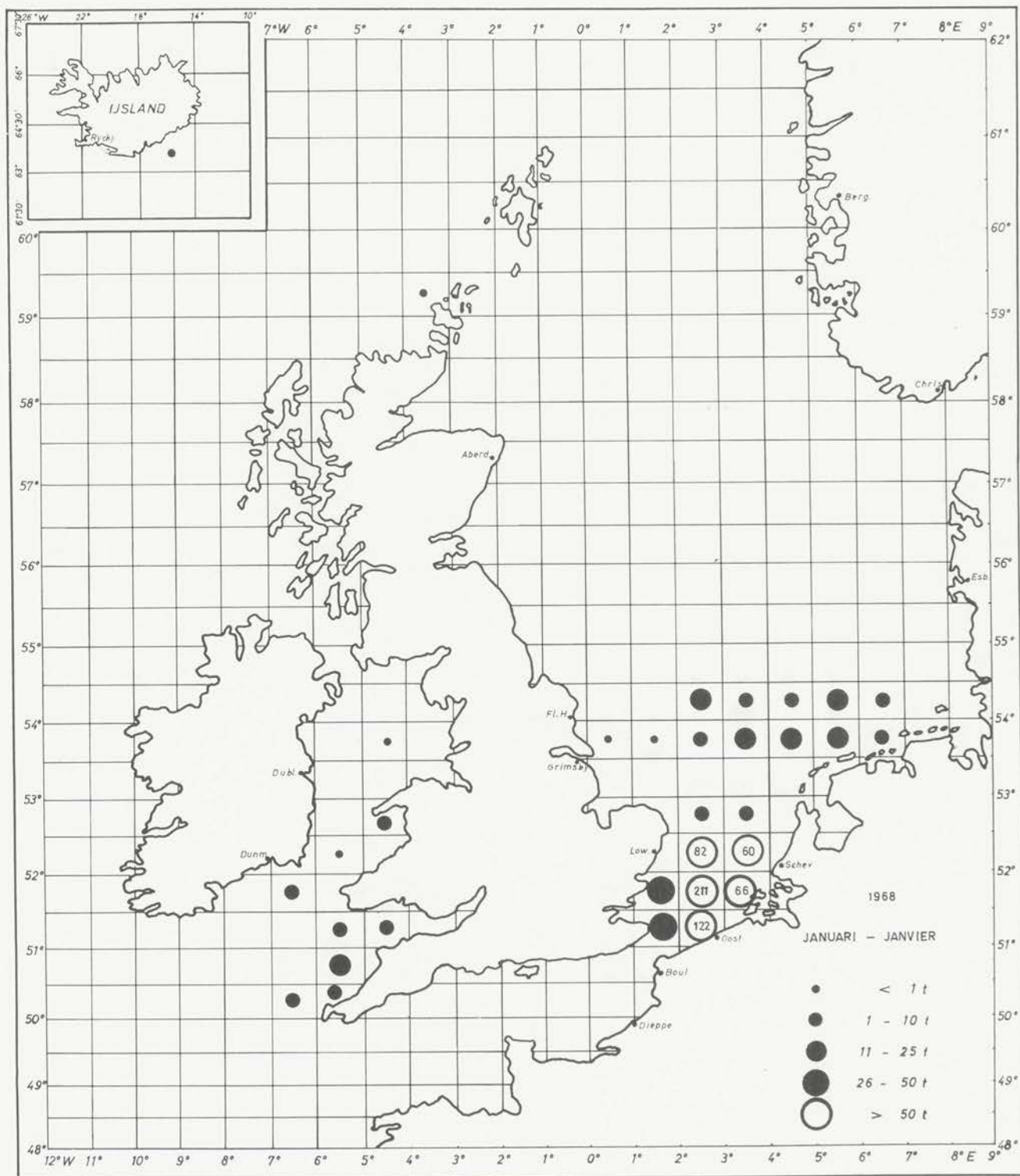


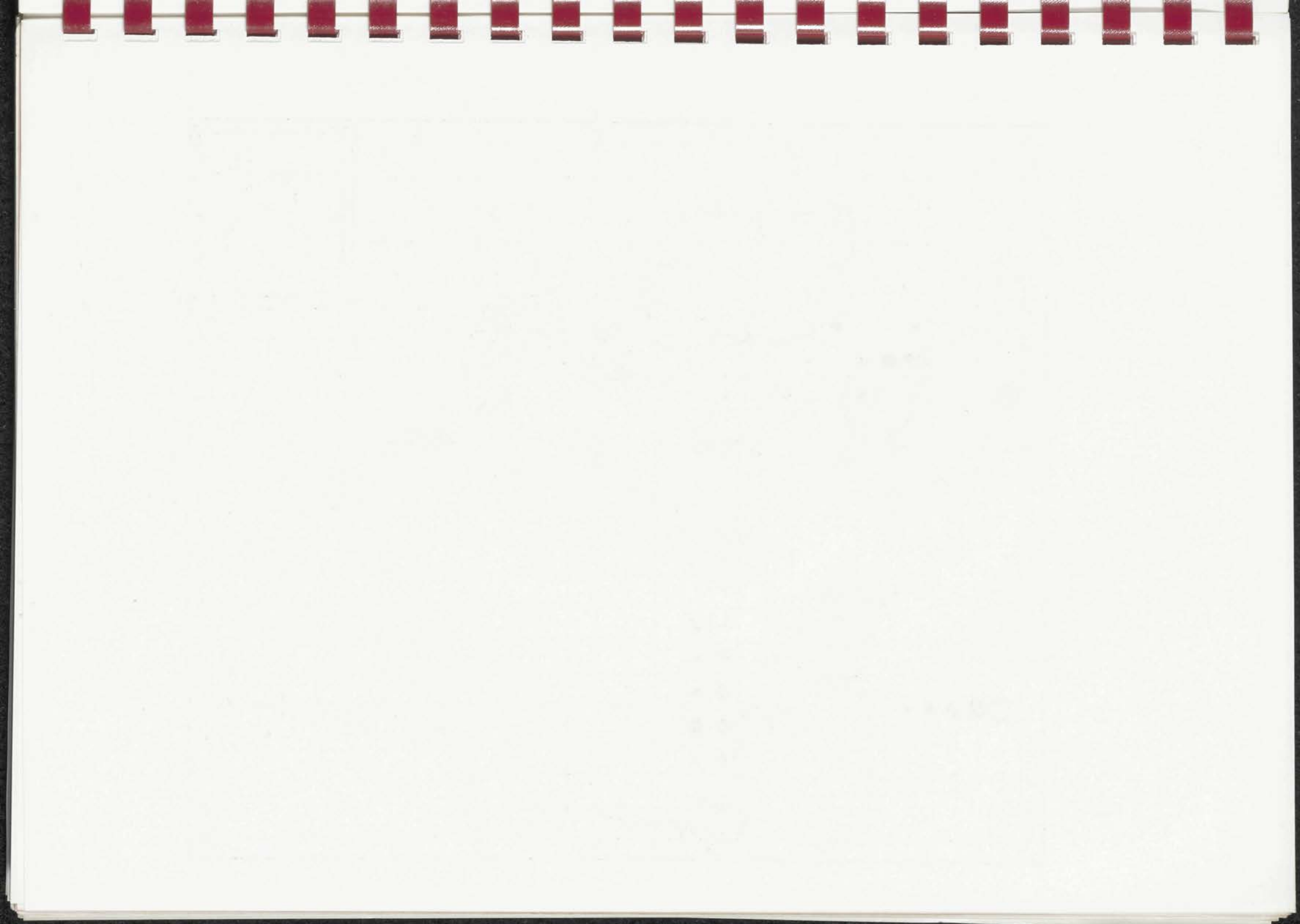
PERCENTAGE



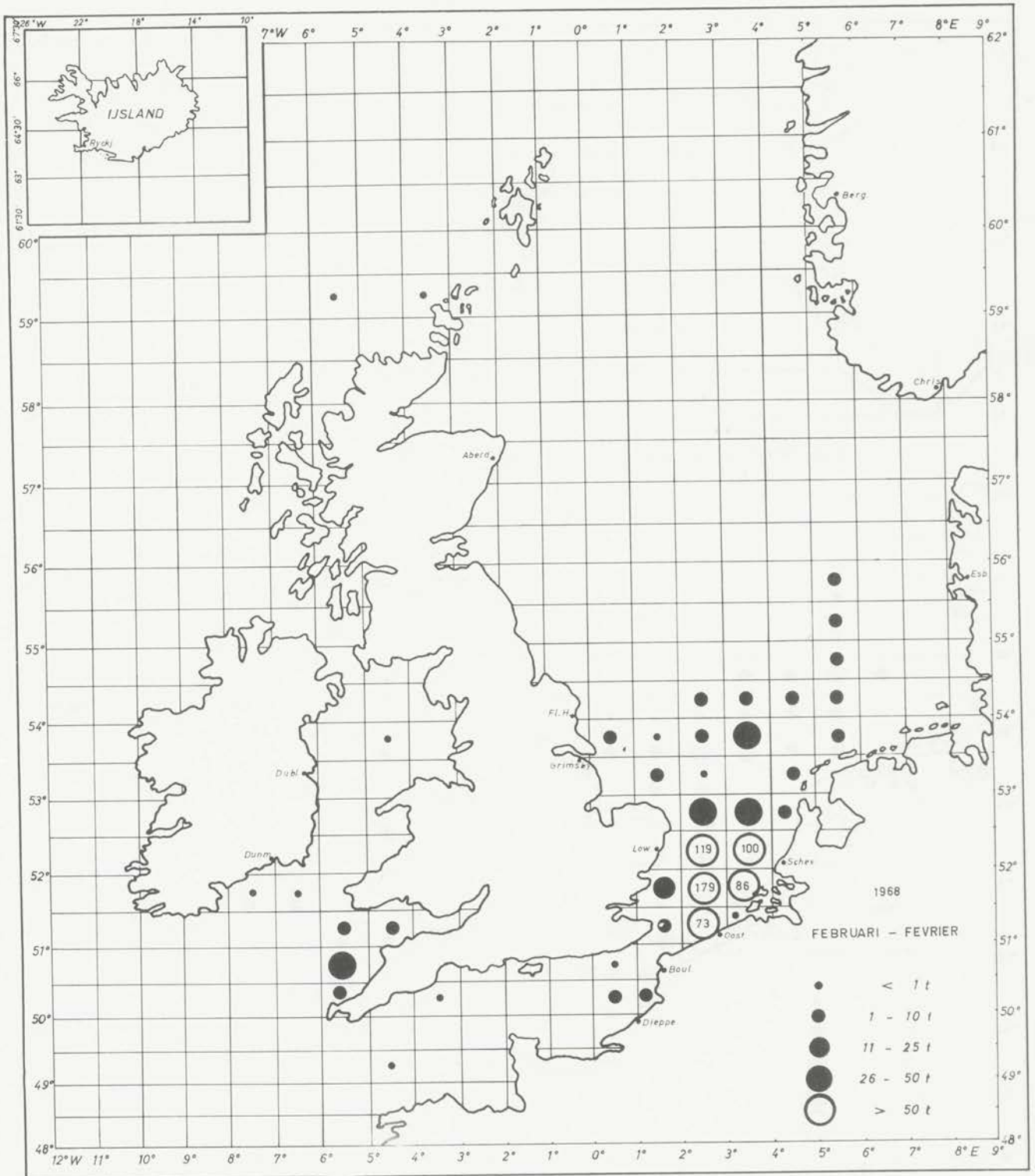
PERCENTAGE

SCHOL - PLIE



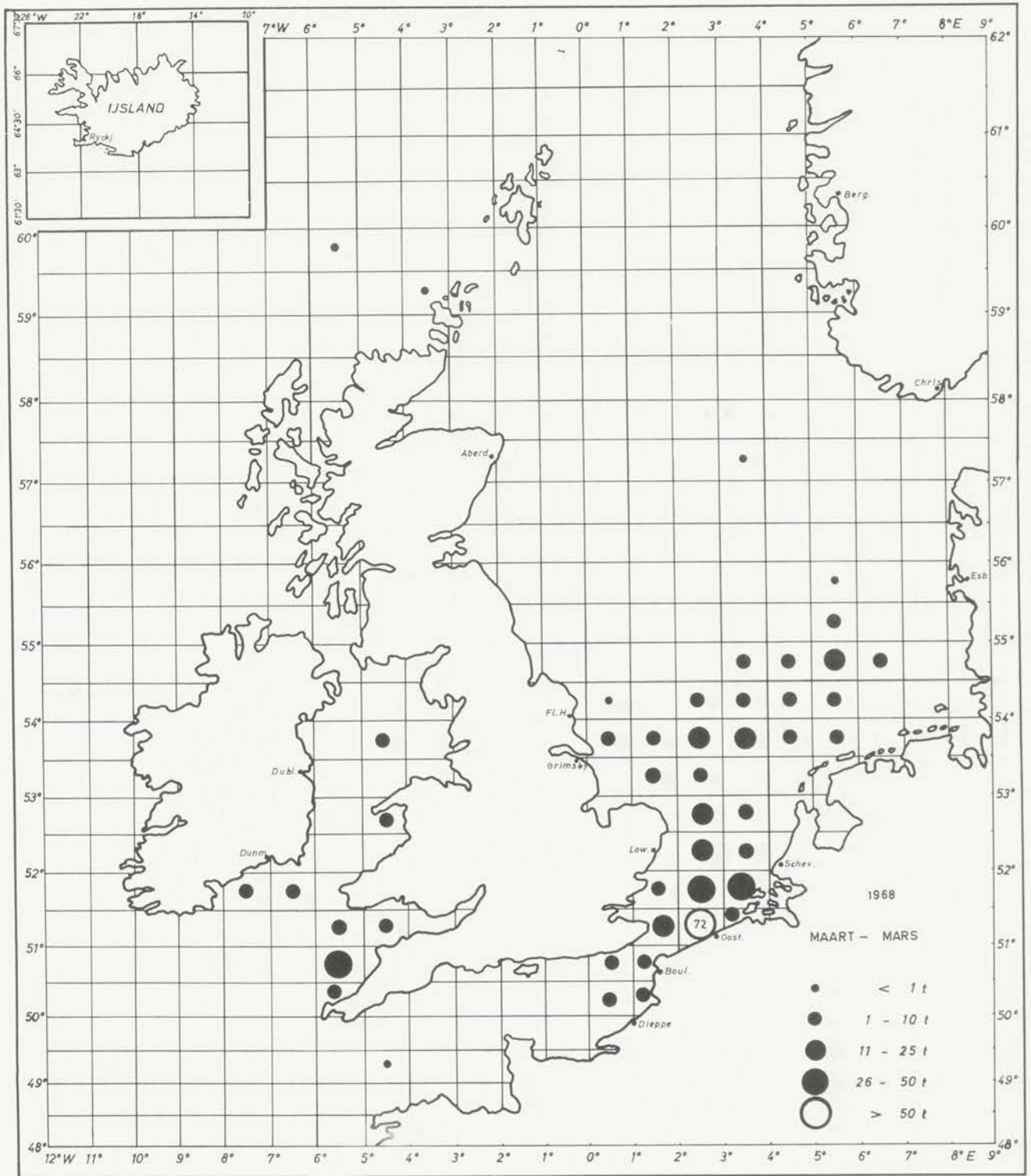


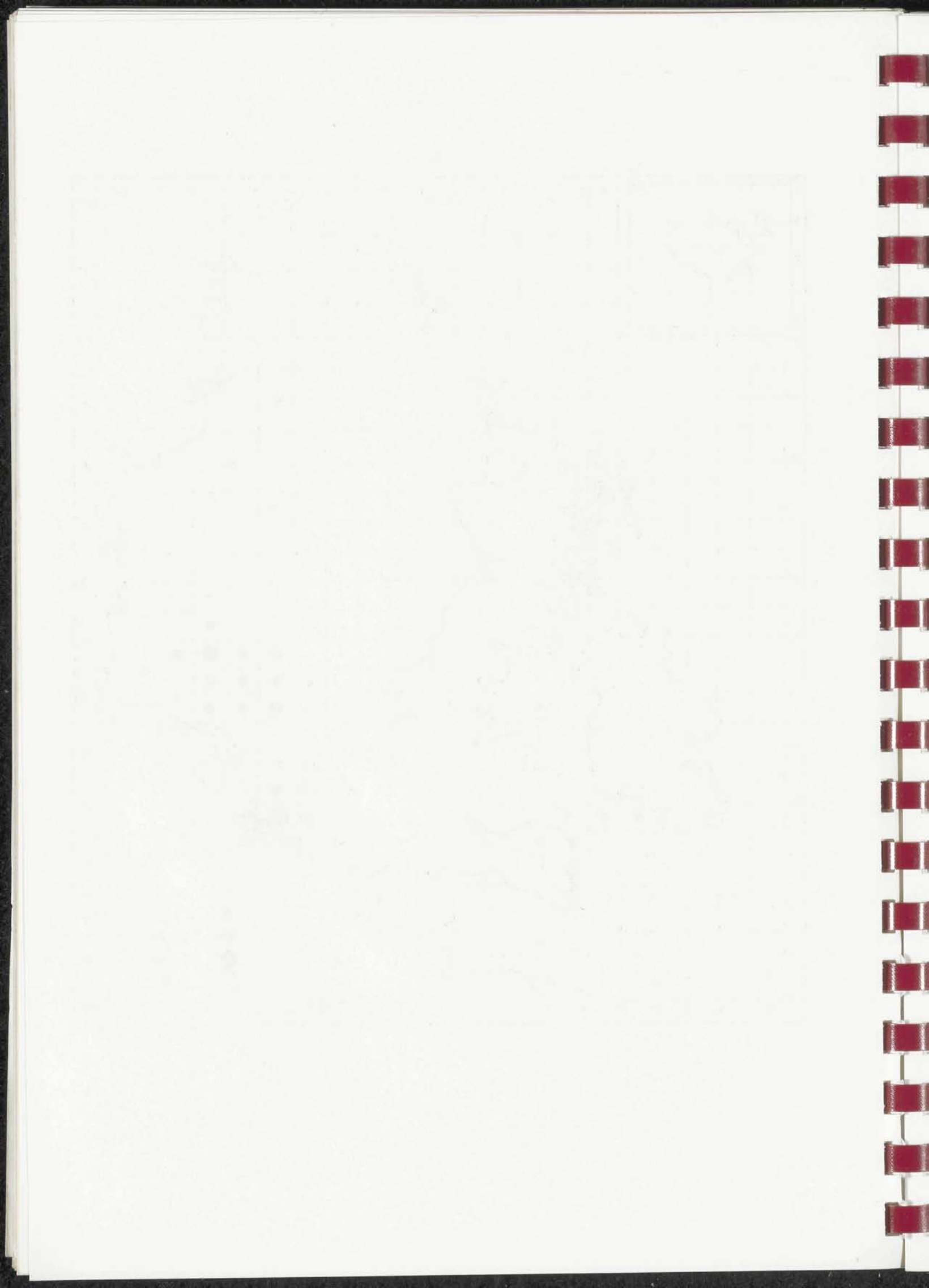
SCHOL - PLIE



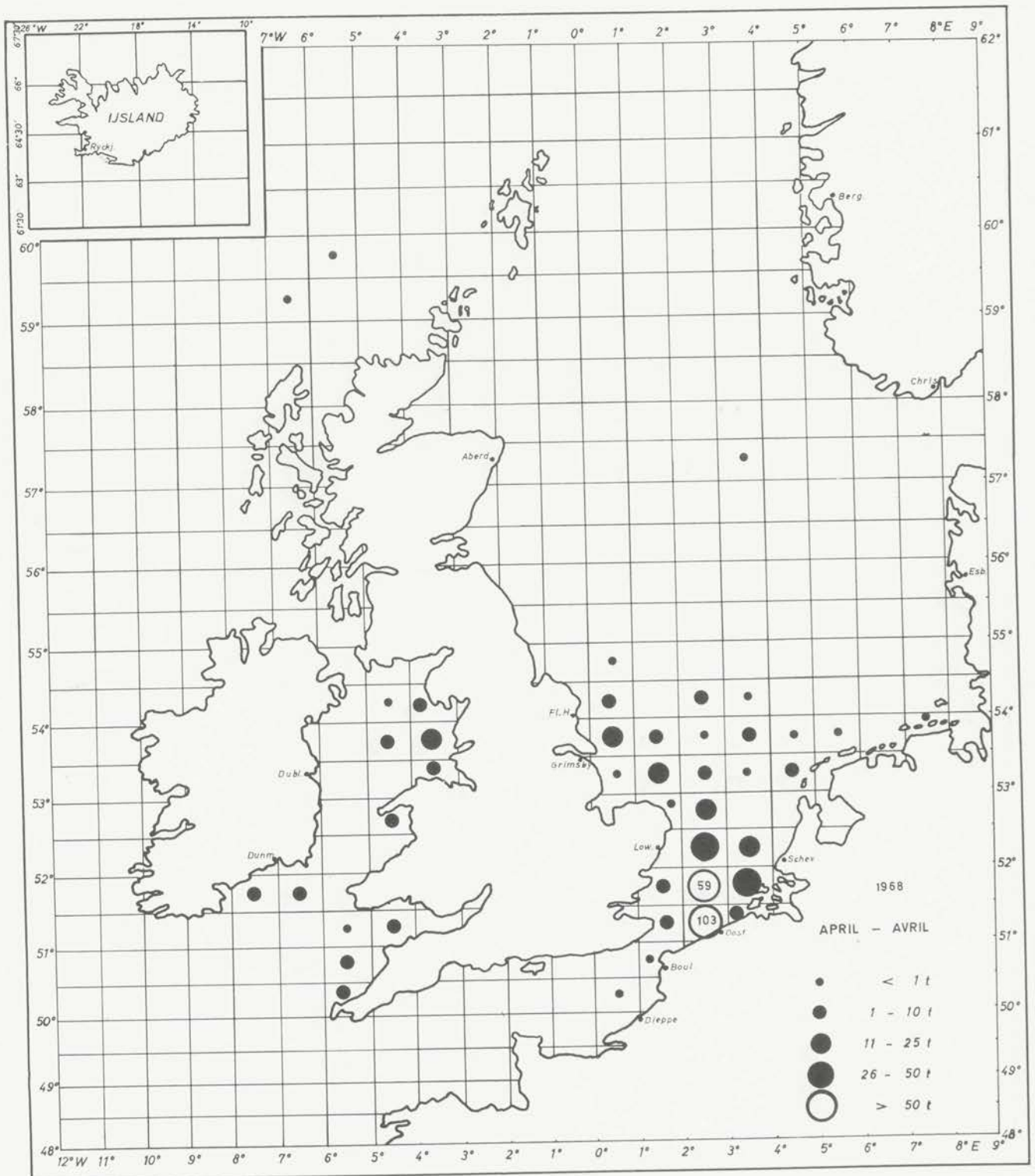


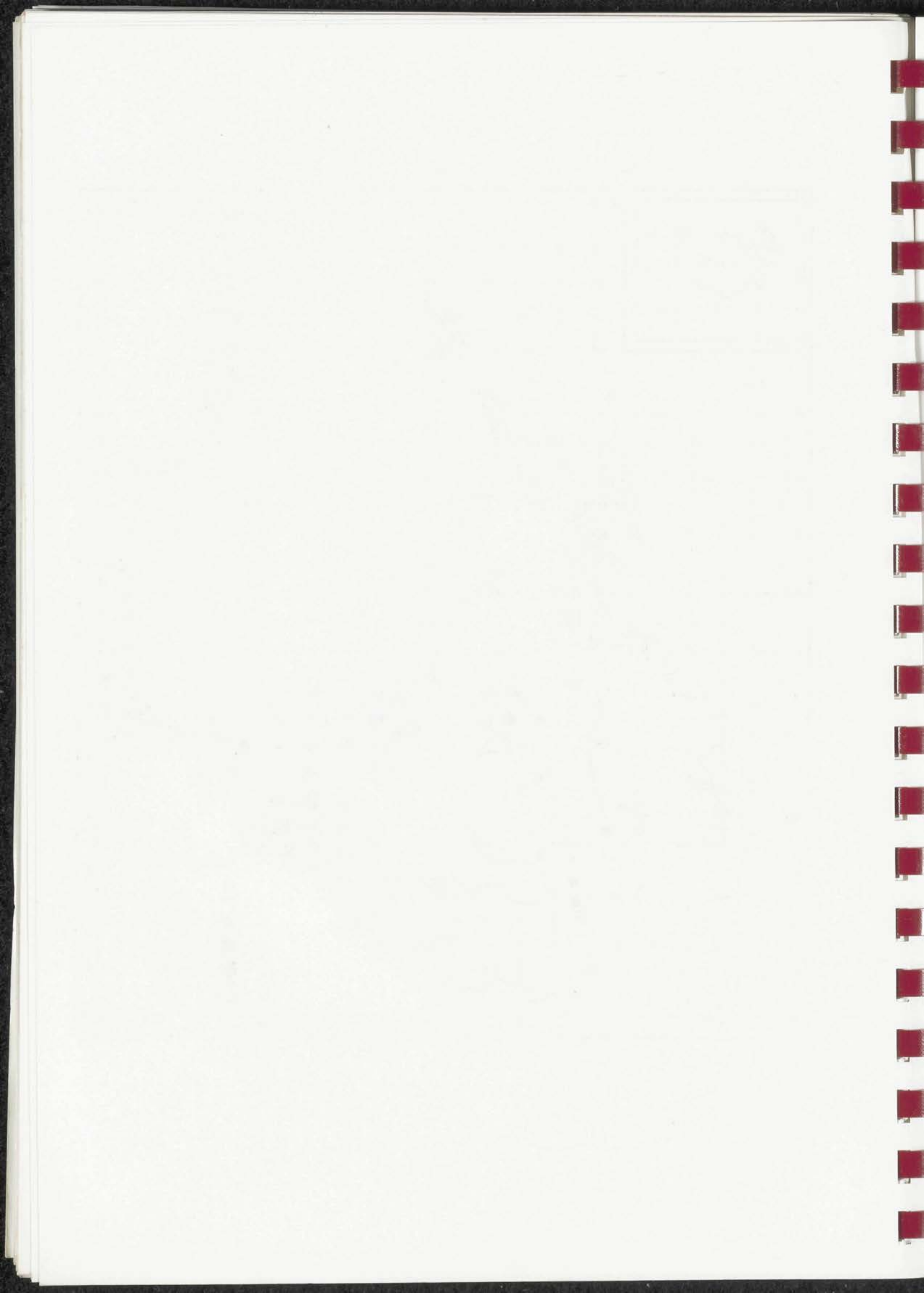
SCHOL - PLIE



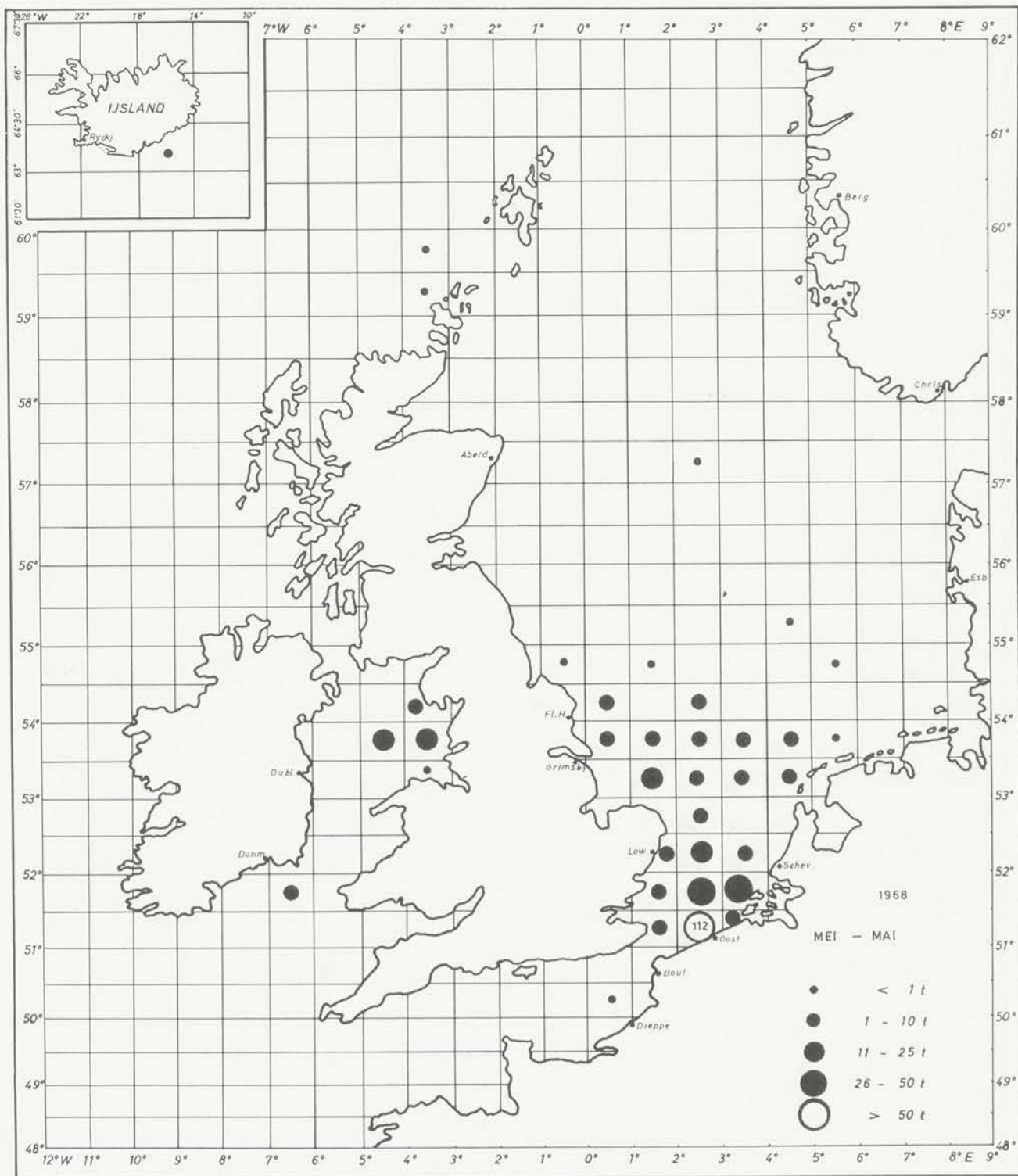


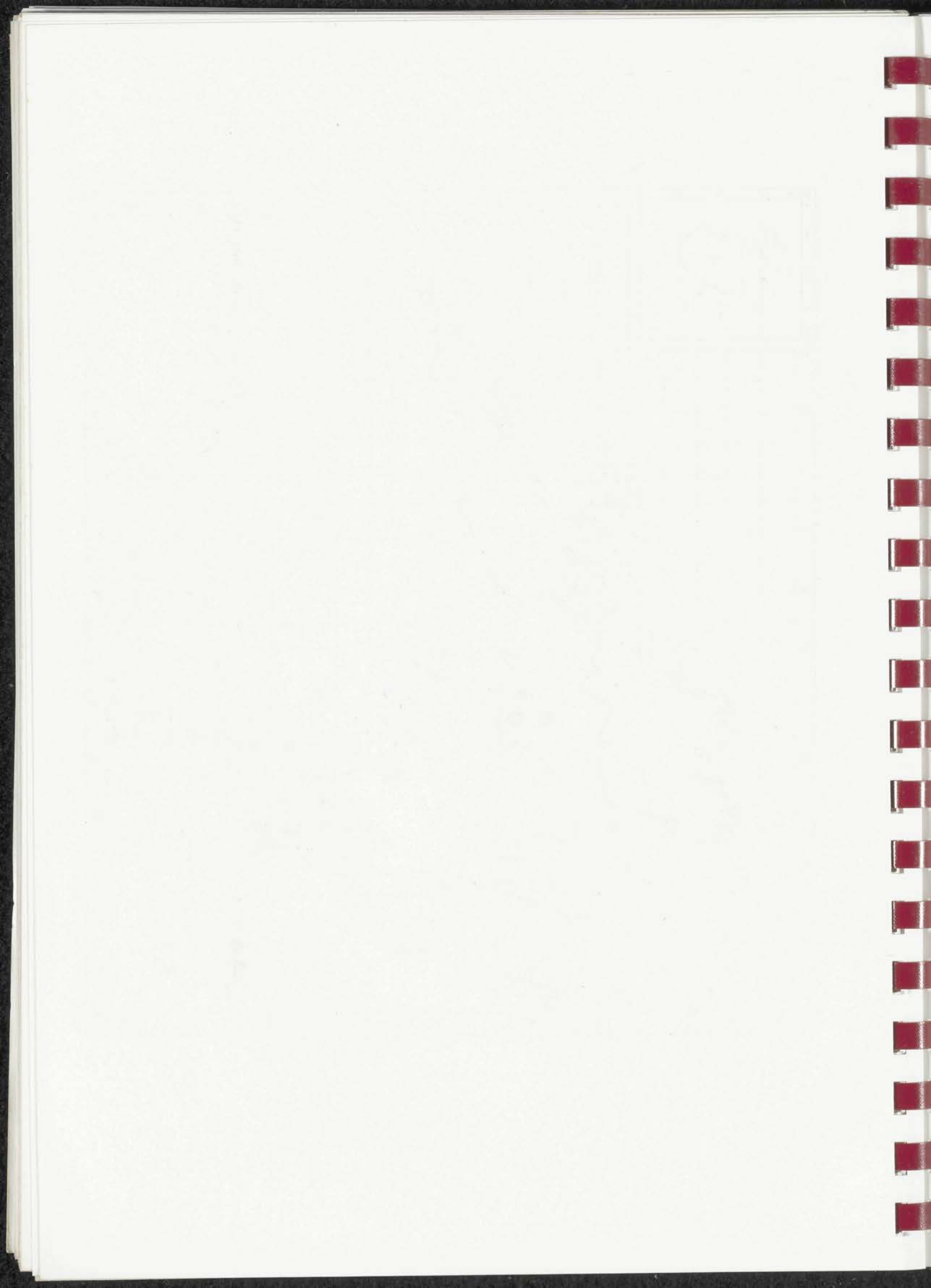
SCHOL - PLIE



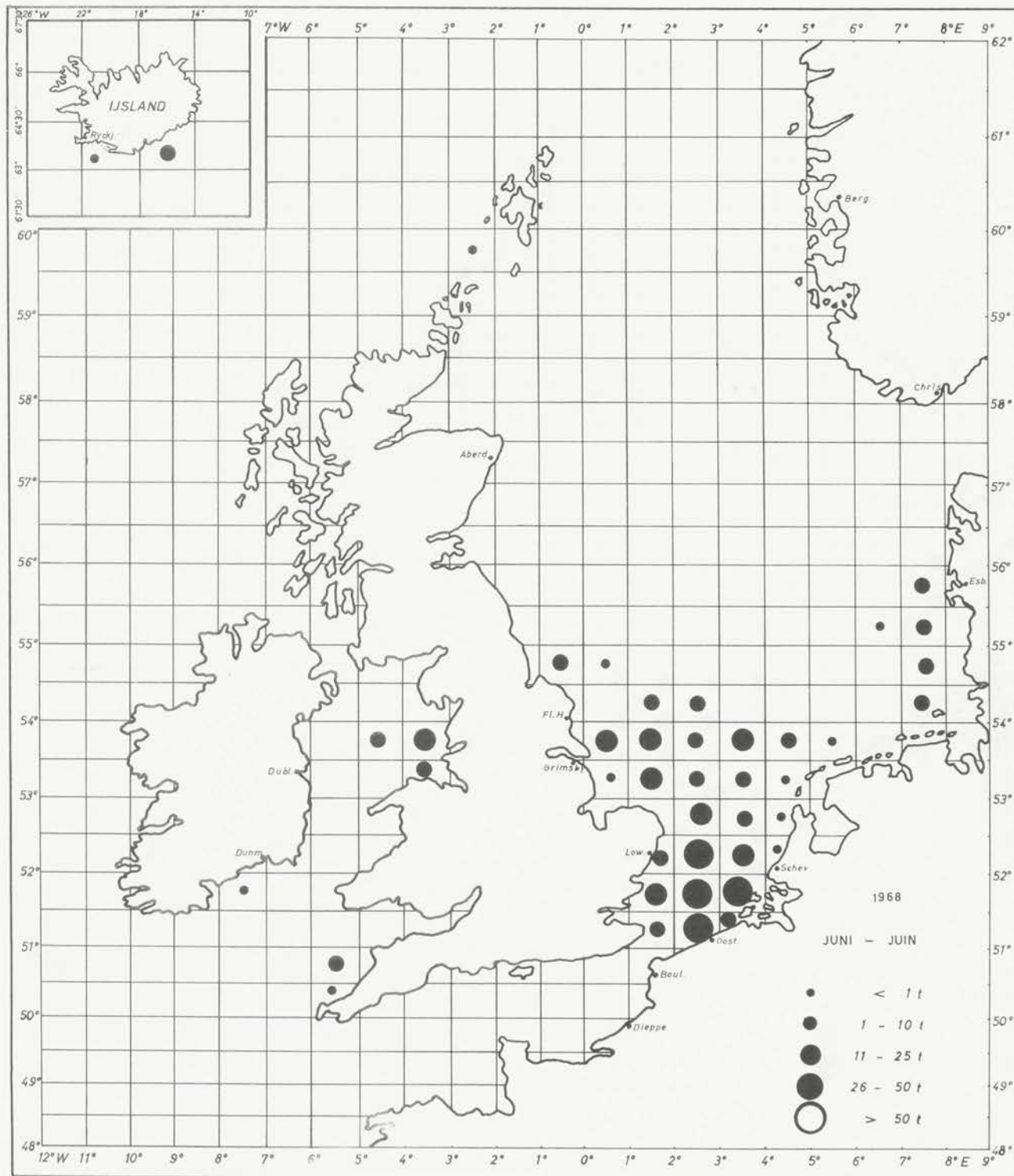


SCHOL - PLIE



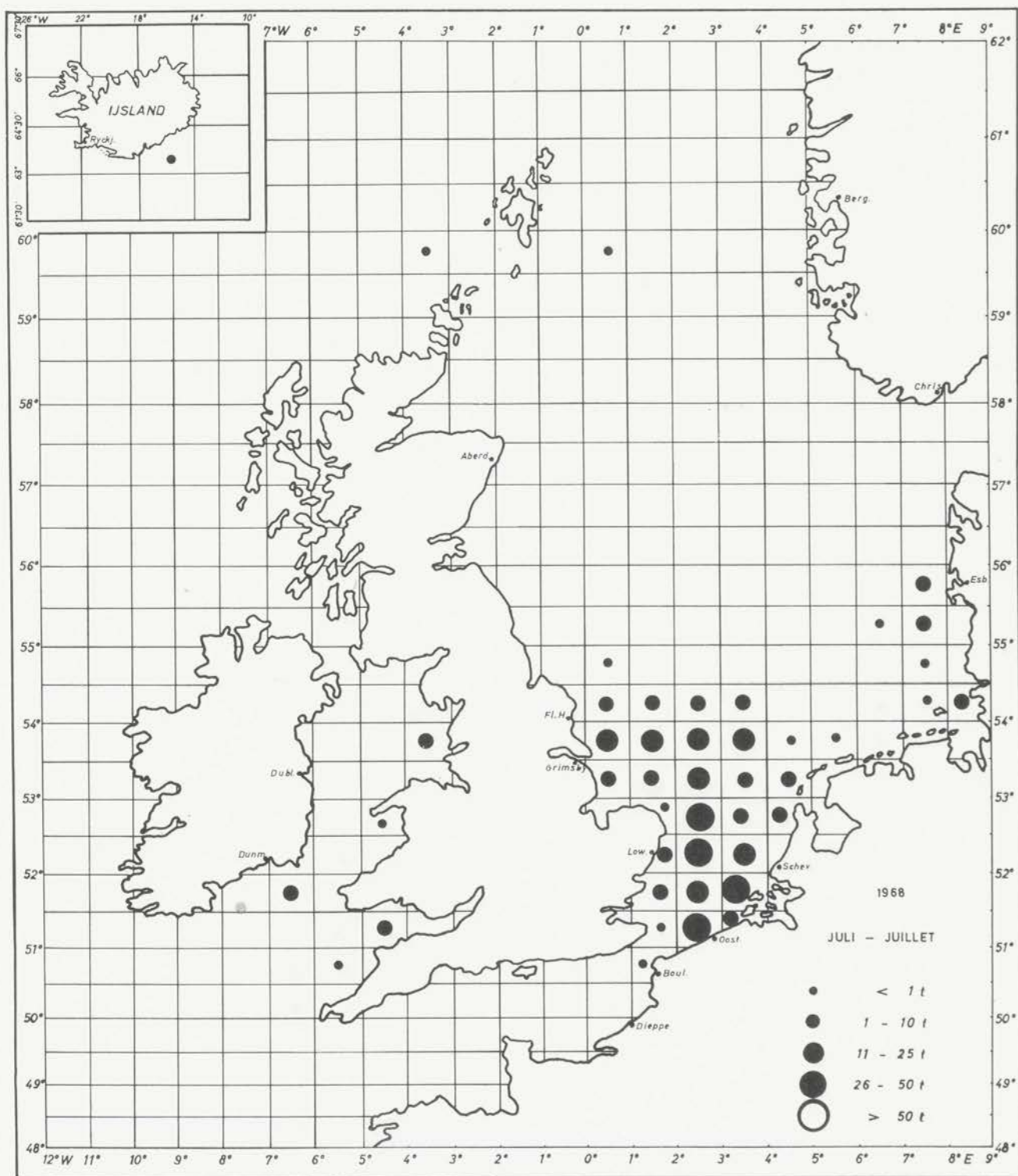


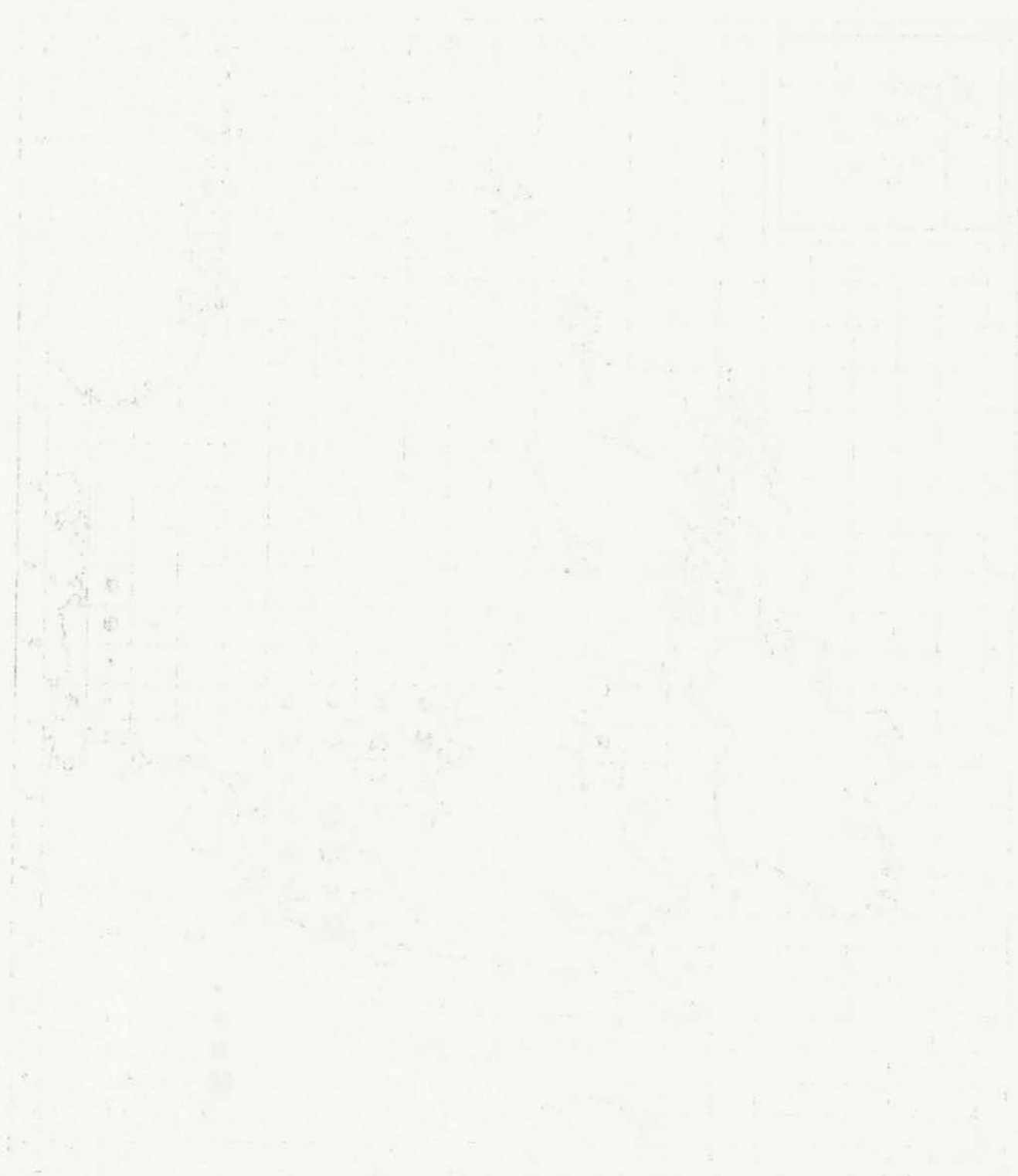
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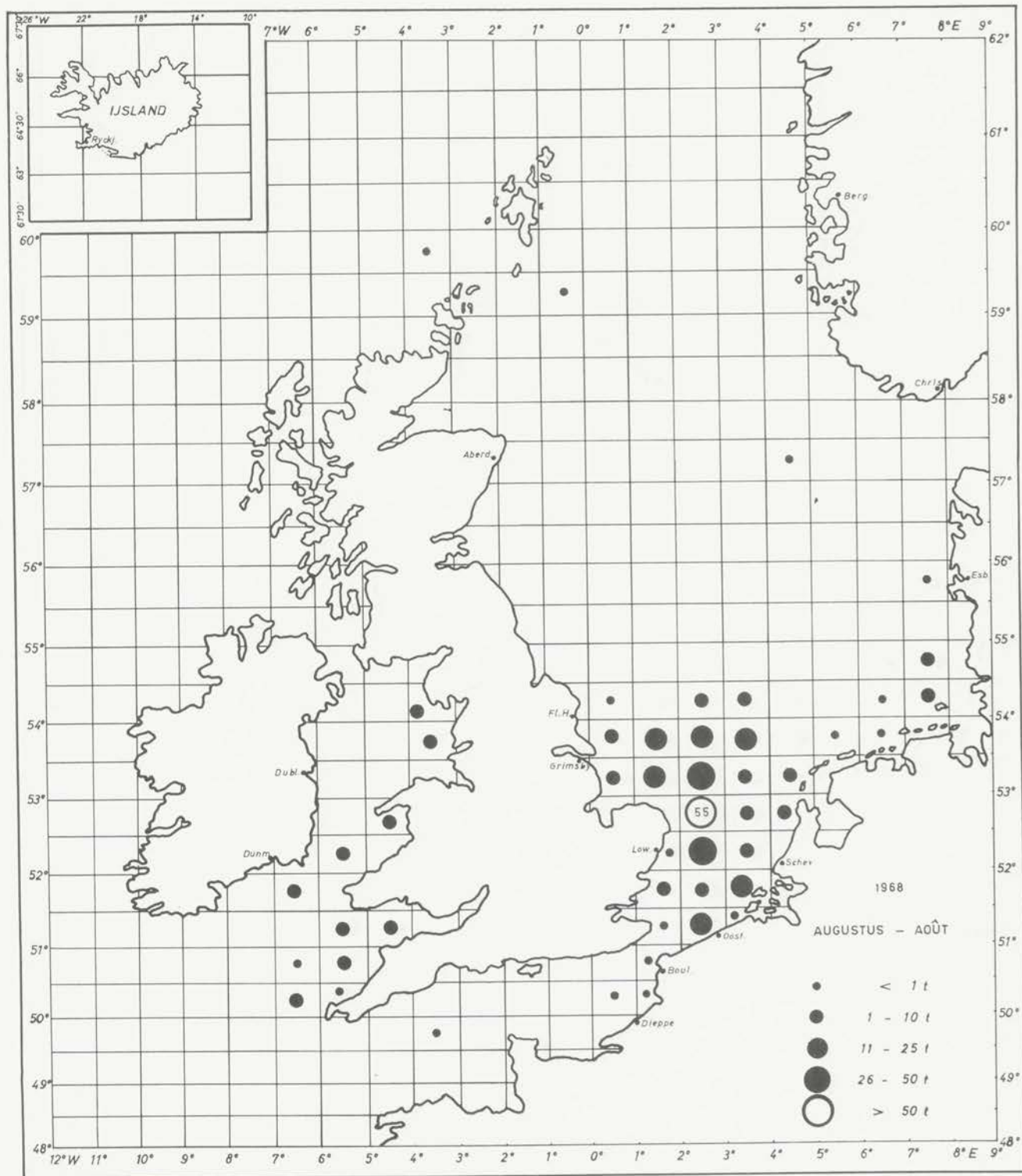


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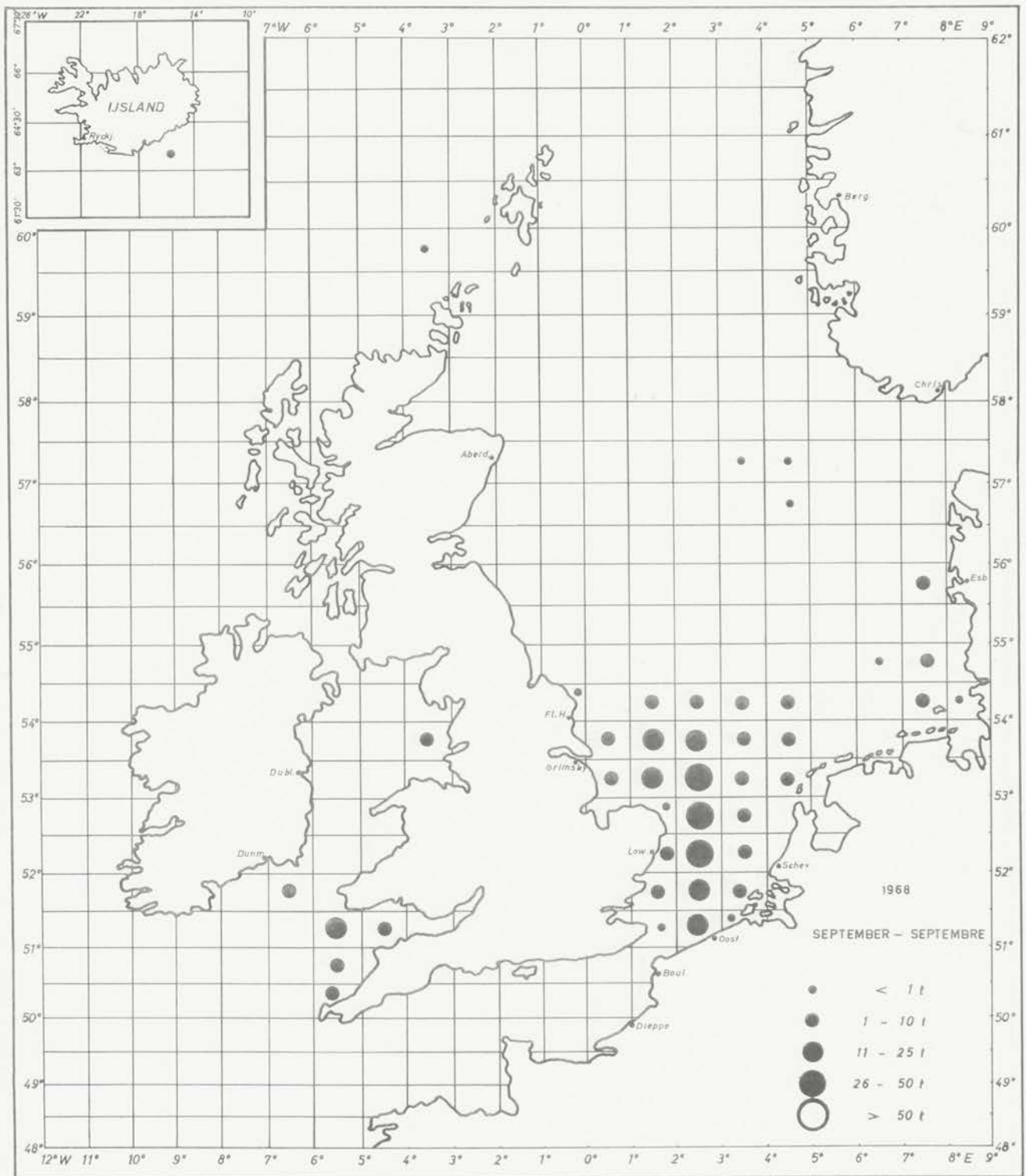


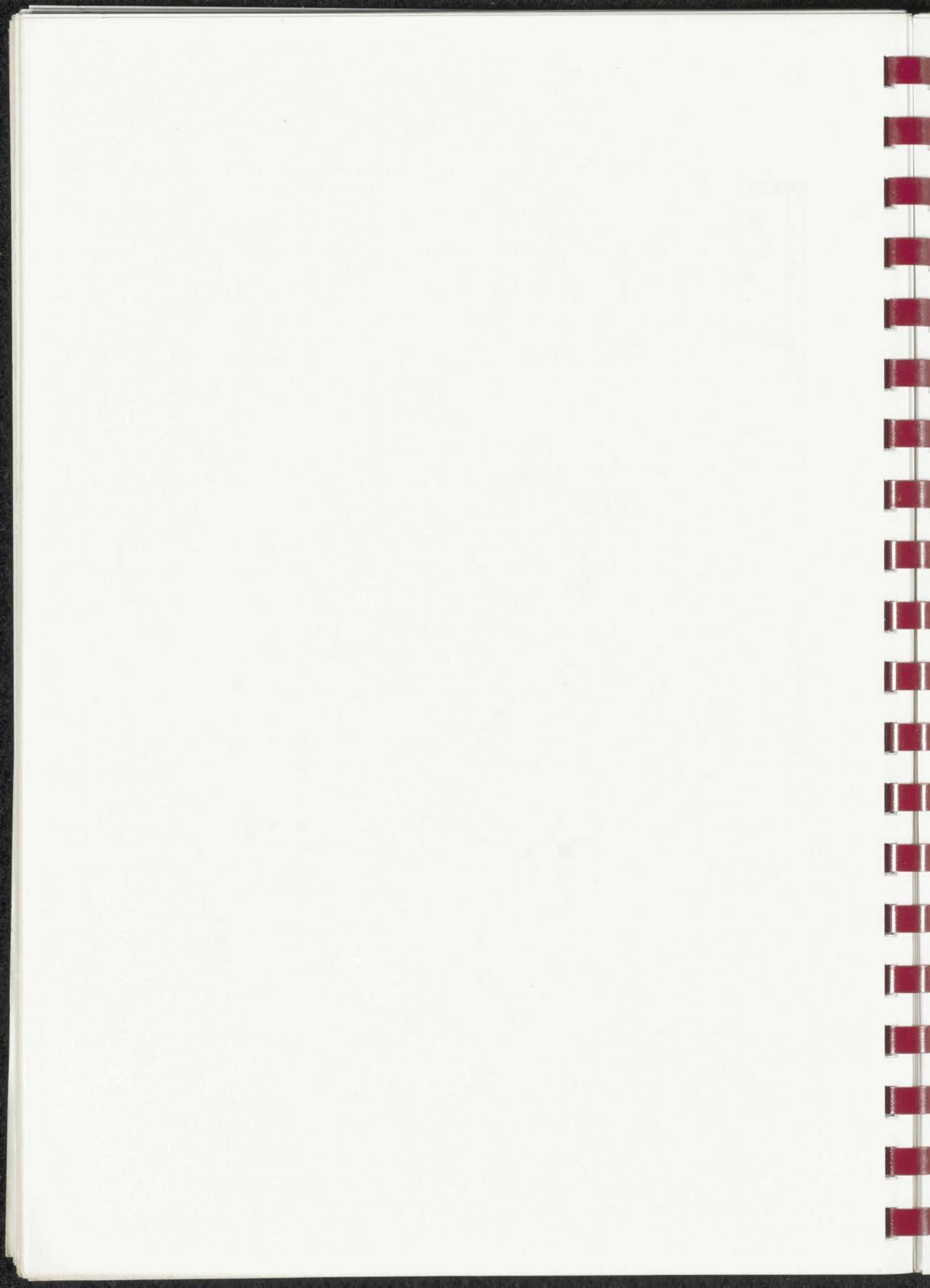
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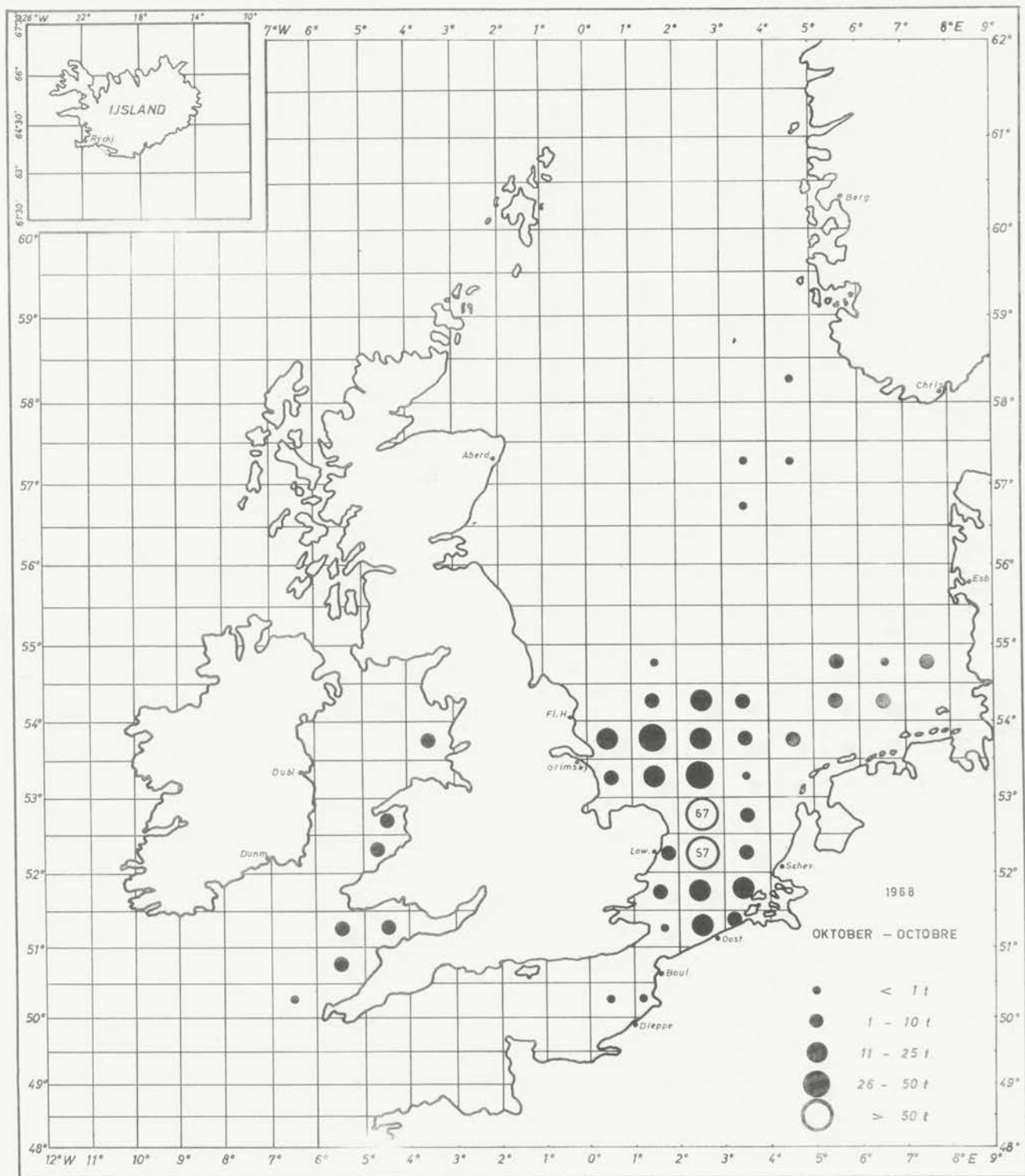


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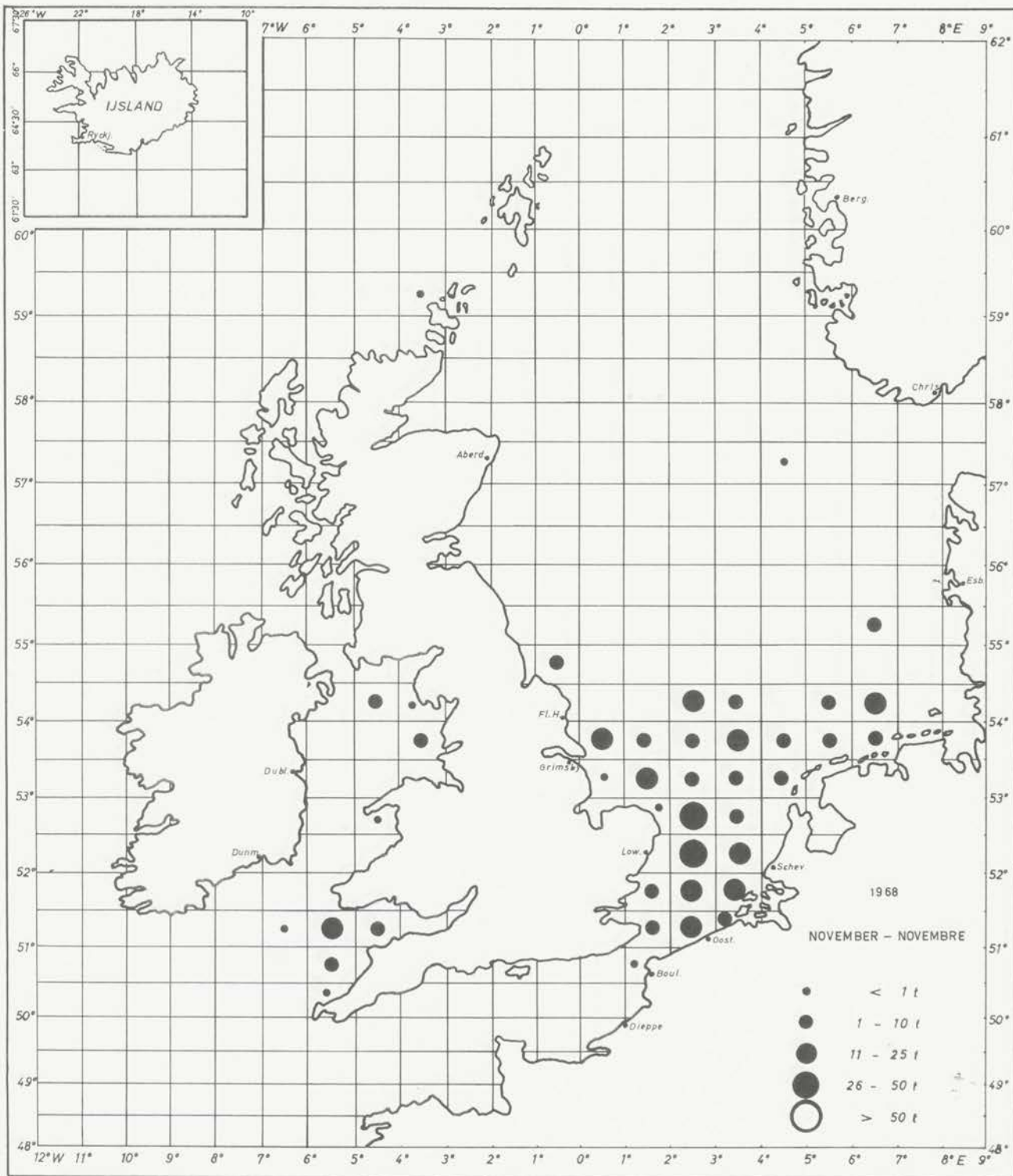


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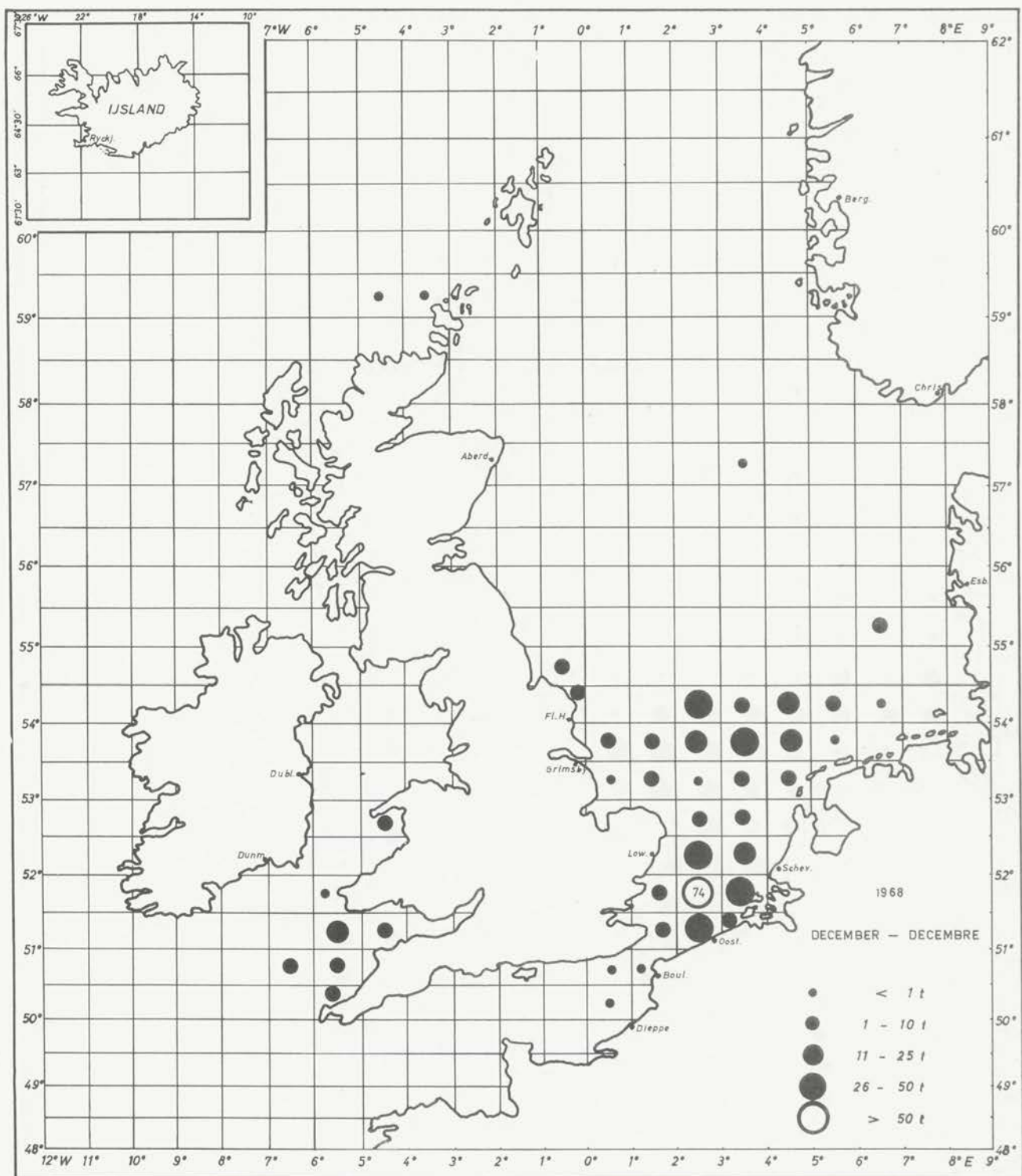
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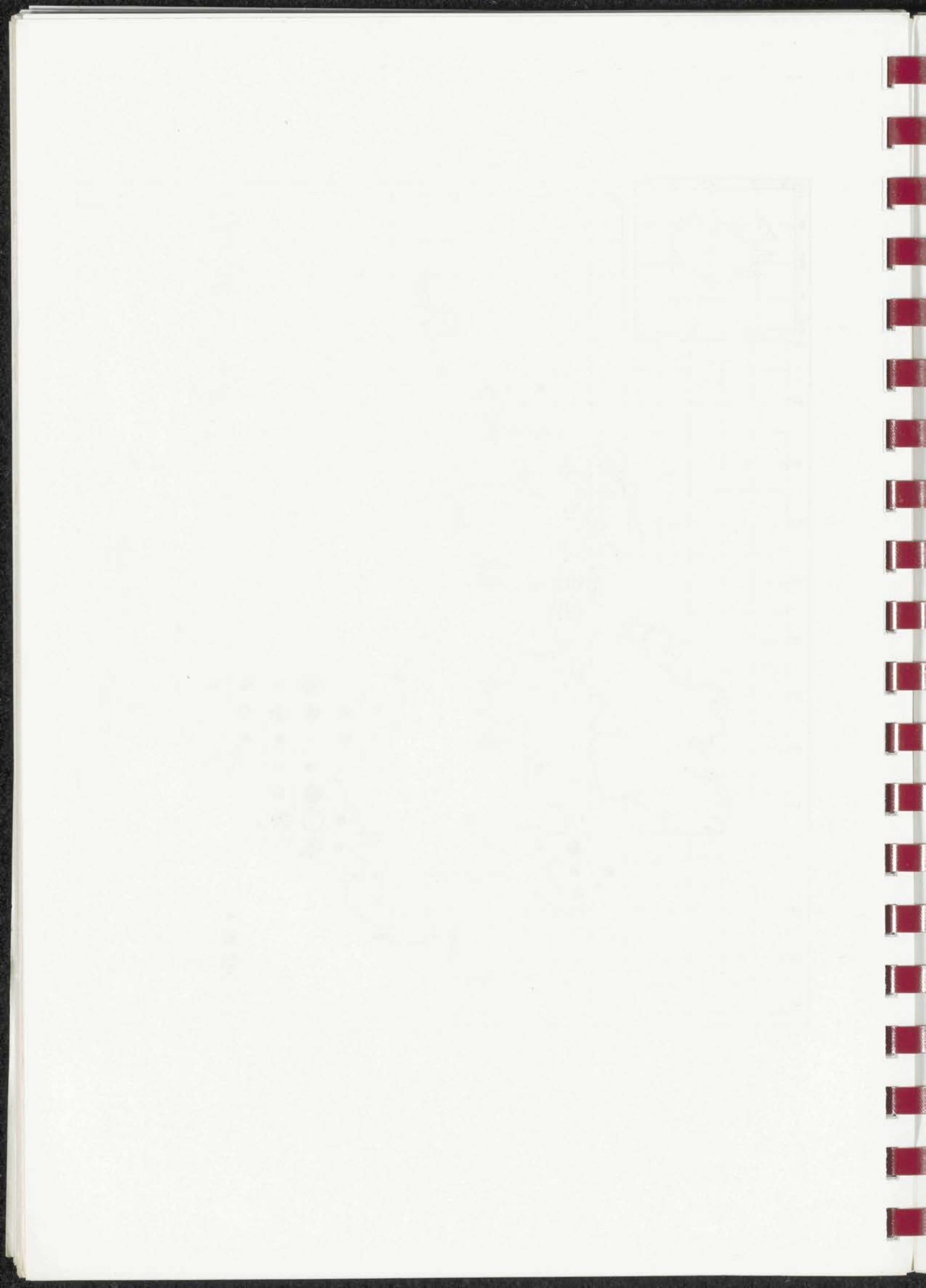




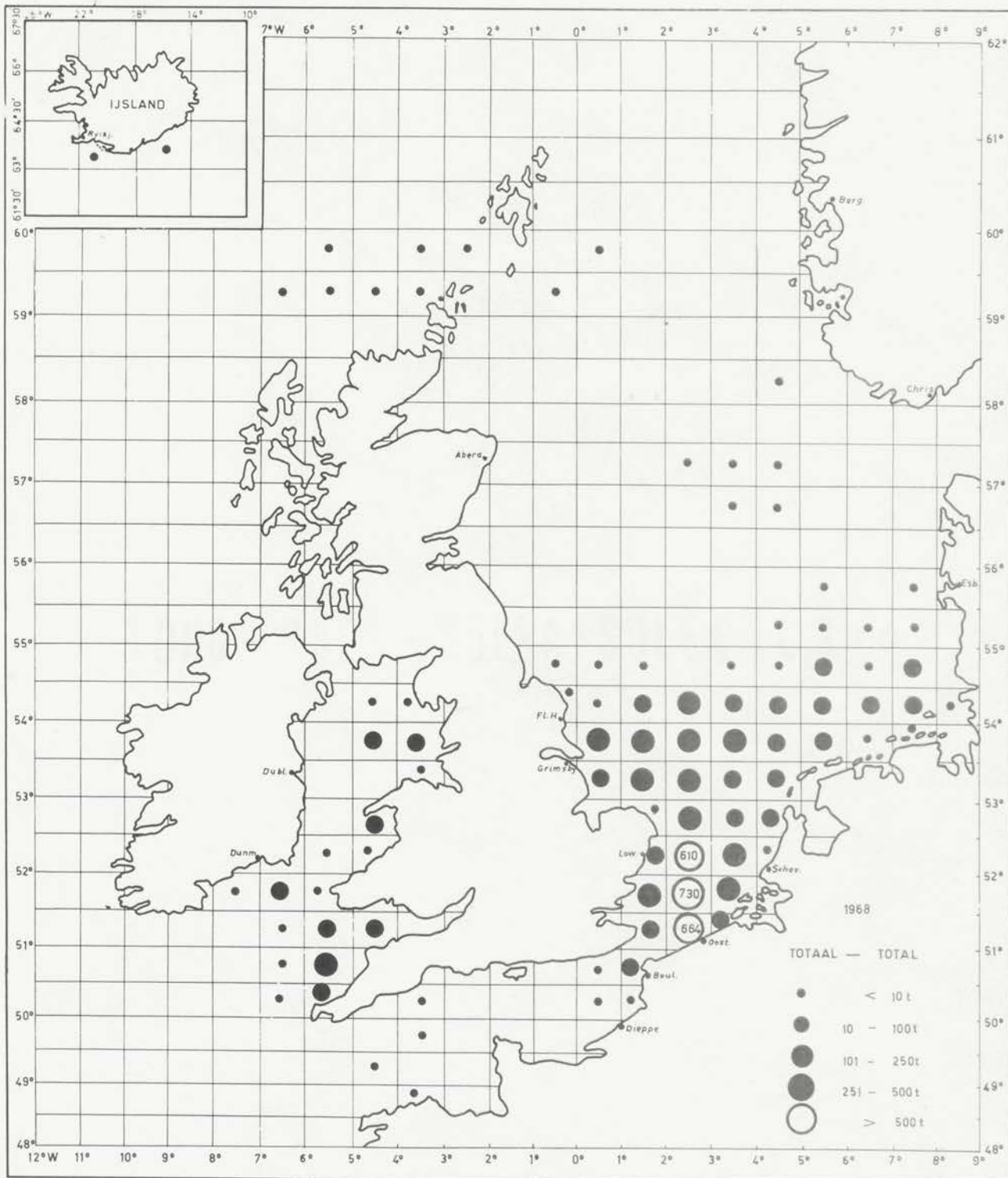
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SCHOL - PLIE





TONG - SOLE - SOLEA SOLEA (L.)



Tabel VI - TONG - Indeling van de jaarlijkse demersale vangst volgens de gebieden (1)

Tableau VI - SOLE - Répartition des pêches annuelles démersales d'après les régions (1)

Gebieden Régions	Kaart A Carte A	1964		1965		1966		1967		1968	
		t	%	t	%	t	%	t	%	t	%
N.Z. Zuid M.N. Méridionale	(IV c)	563	23.5	938	29.7	2867	72.6	3554	73.5	2956	69.7
N.Z. Midden M.N. Centrale	(IV b)	289	12.0	484	15.3	380	9.6	435	9.0	576	13.6
N.Z. Noord M.N. Septentrionale	(IV a)	-	-	-	-	-	-	2	0.0	-	-
Engels Kanaal Manche	(VII, d e)	12	0.5	39	1.2	7	0.2	7	0.2	27	0.6
Ierse Z. & Bristol Kan. M. d'Irlande & C. Bristol	(VII, a f)	1274	53.0	1400	44.3	594	15.0	685	14.2	576	13.6
Z. & W. Ierland S. & W. d'Irlande	(VIIbghj)	265	11.0	300	9.5	103	2.6	151	3.1	104	2.5
N.W. Schotland & N. Ierland N.W. d'Ecosse & N. d'Irlande	(VI a)	-	-	-	-	-	-	-	-	-	-
Totaal - Total		2403	100.0	3161	100.0	3951	100.0	4834	100.0	4239	100.0

(1) Bron : Dienst voor de Zeevisserij, Oostende.

(1) Source : Service de la Pêche Maritime, Ostende.

TONG - SOLE

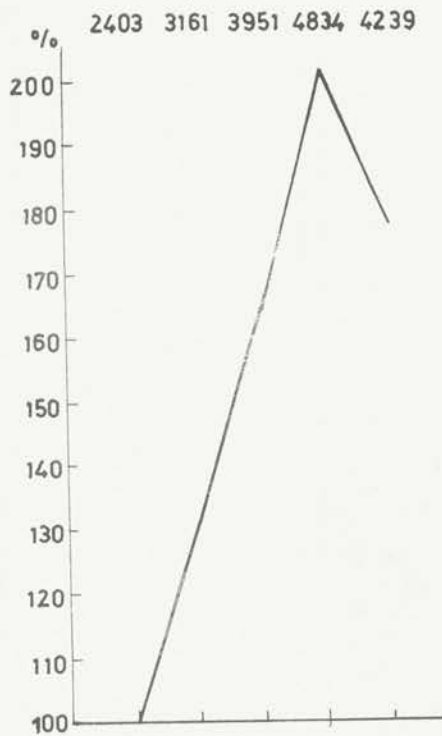


Fig. 1. Jaarlijkse aanvoer 1964 = 100
Apports annuels 1964 = 100

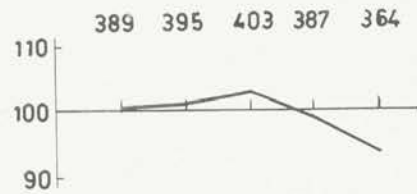


Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navire en activite

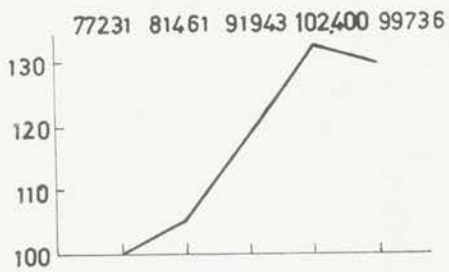


Fig. 3. Drijfkracht (pk)
Force motrice (cx)

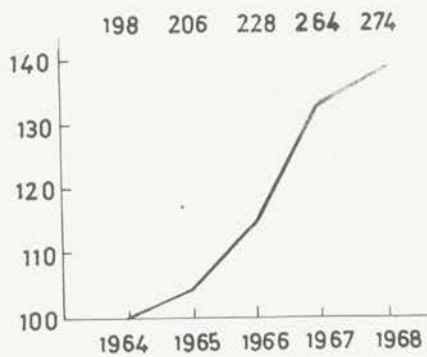


Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cx par navire

1000



Distance

Time



Distance

Time

Distance

Time

Distance

Time

Distance

Time

Distance

Time

Distance

Time

Distance

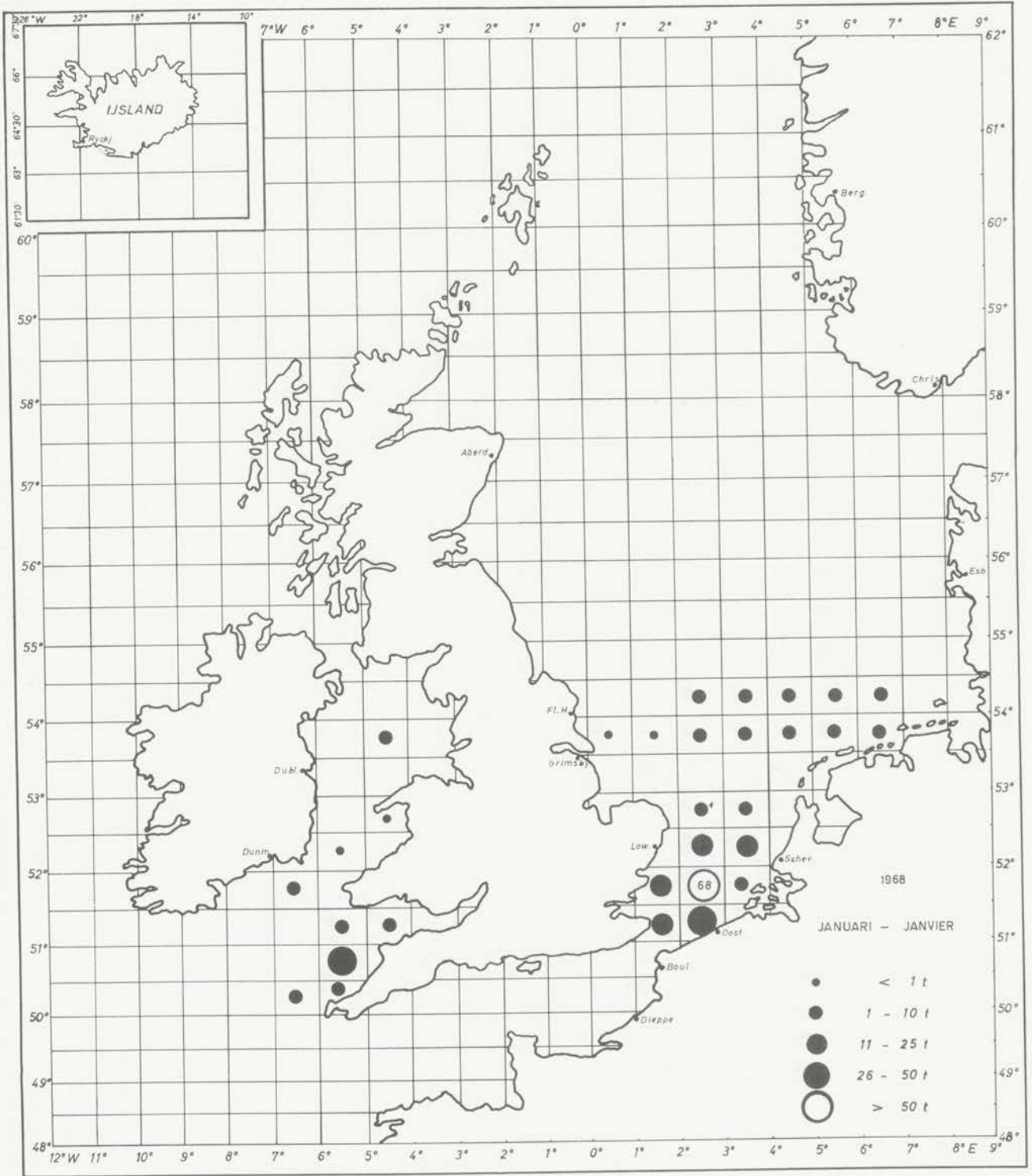
Time

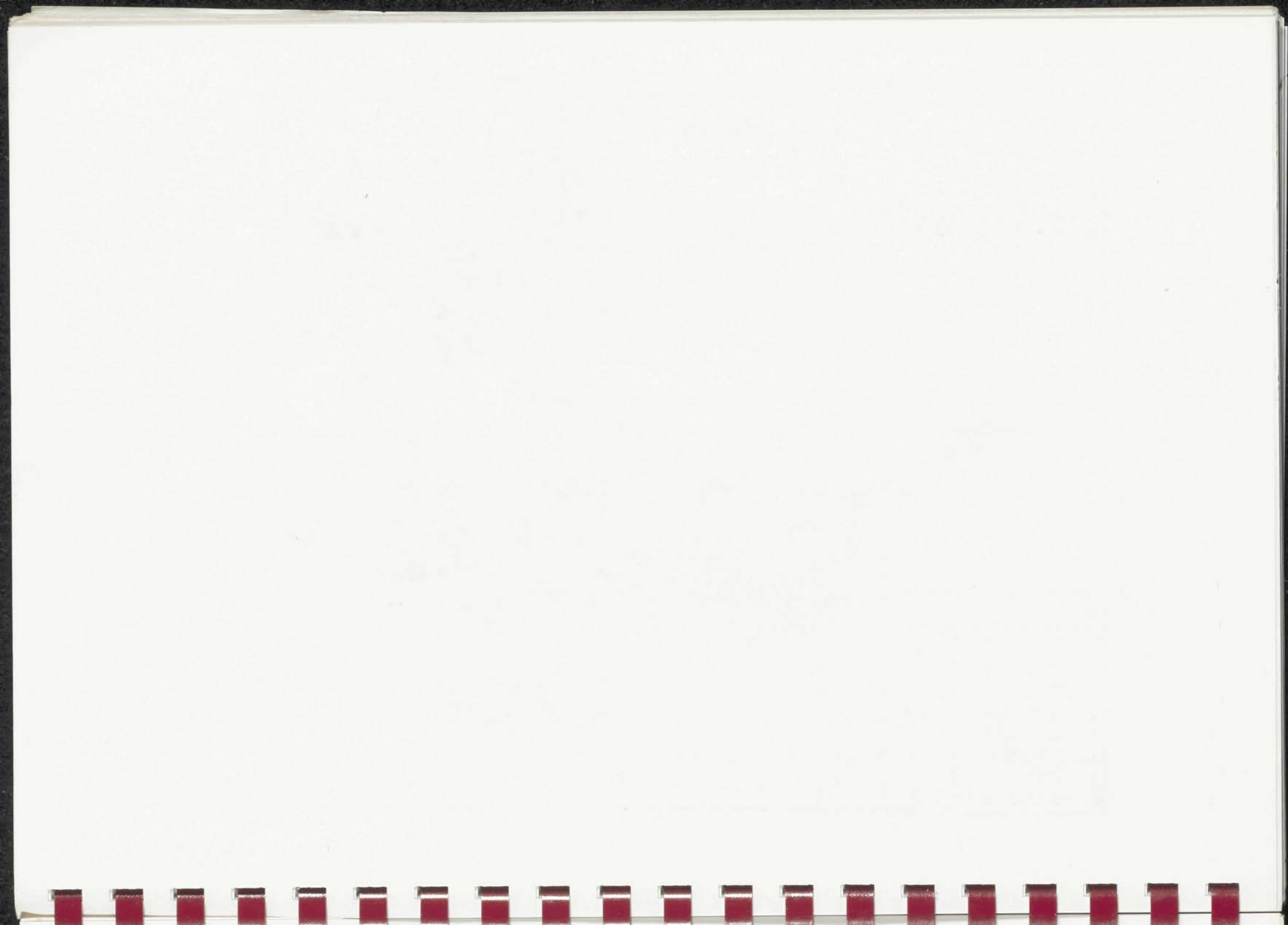
Distance

Time

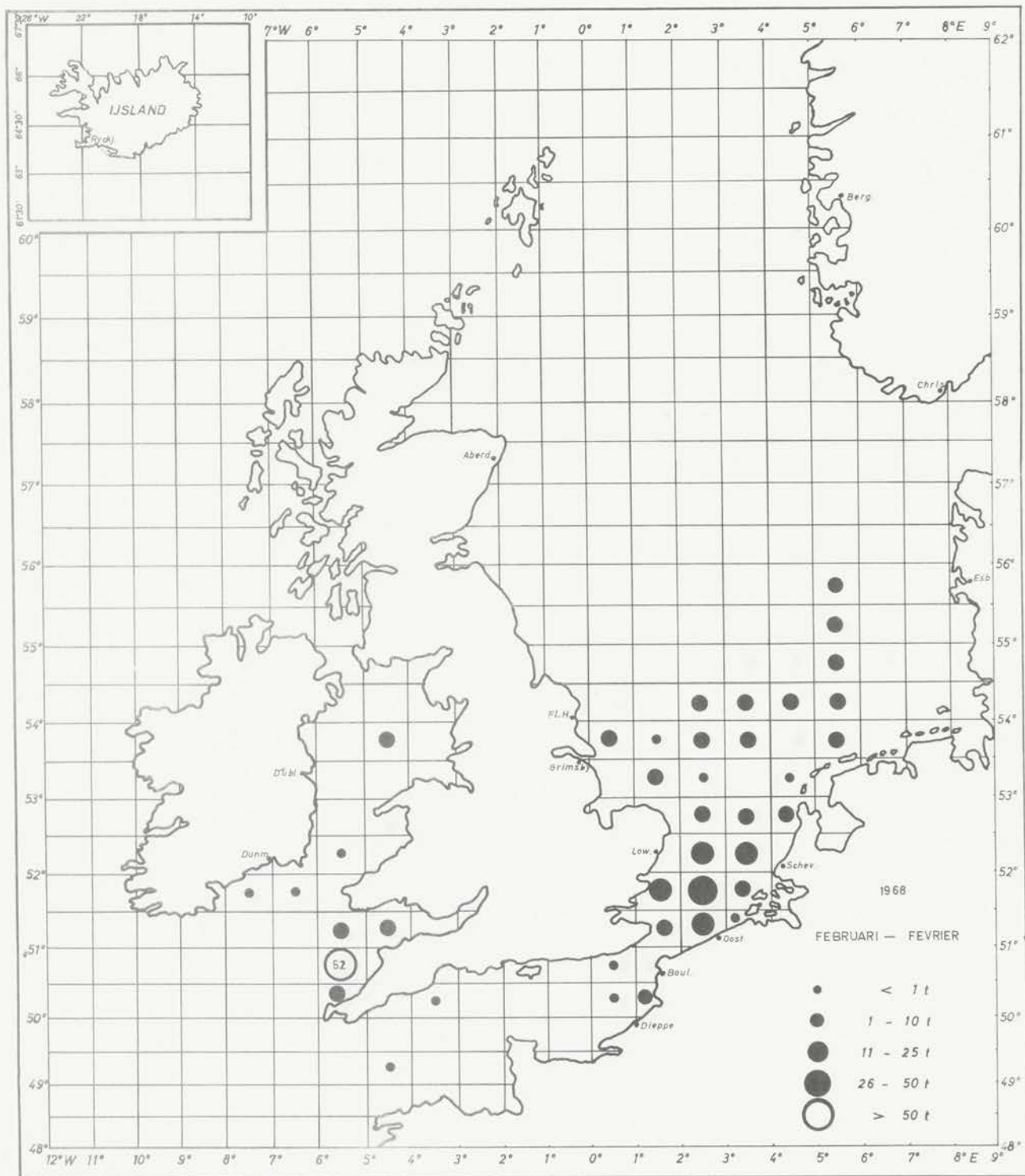


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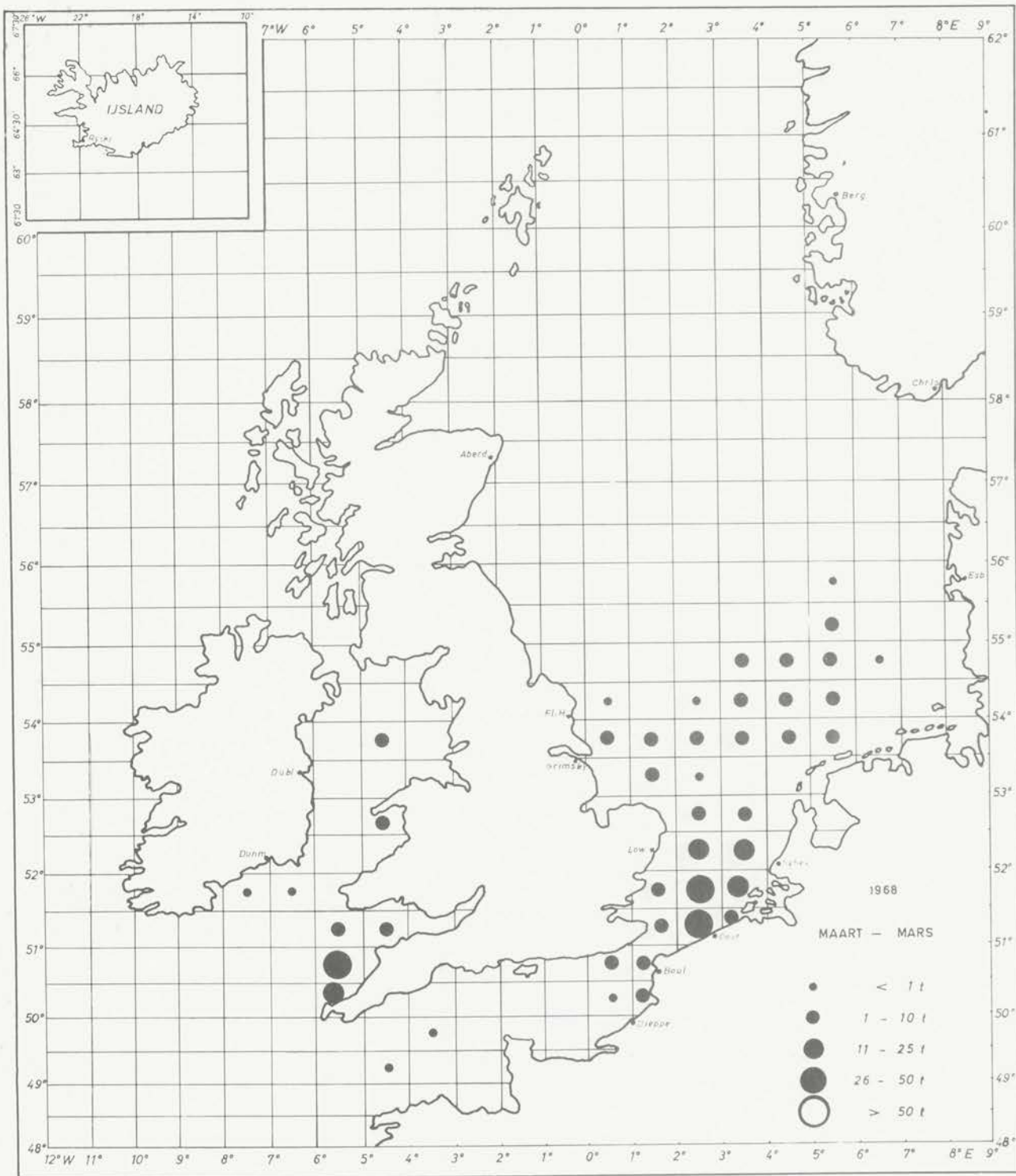


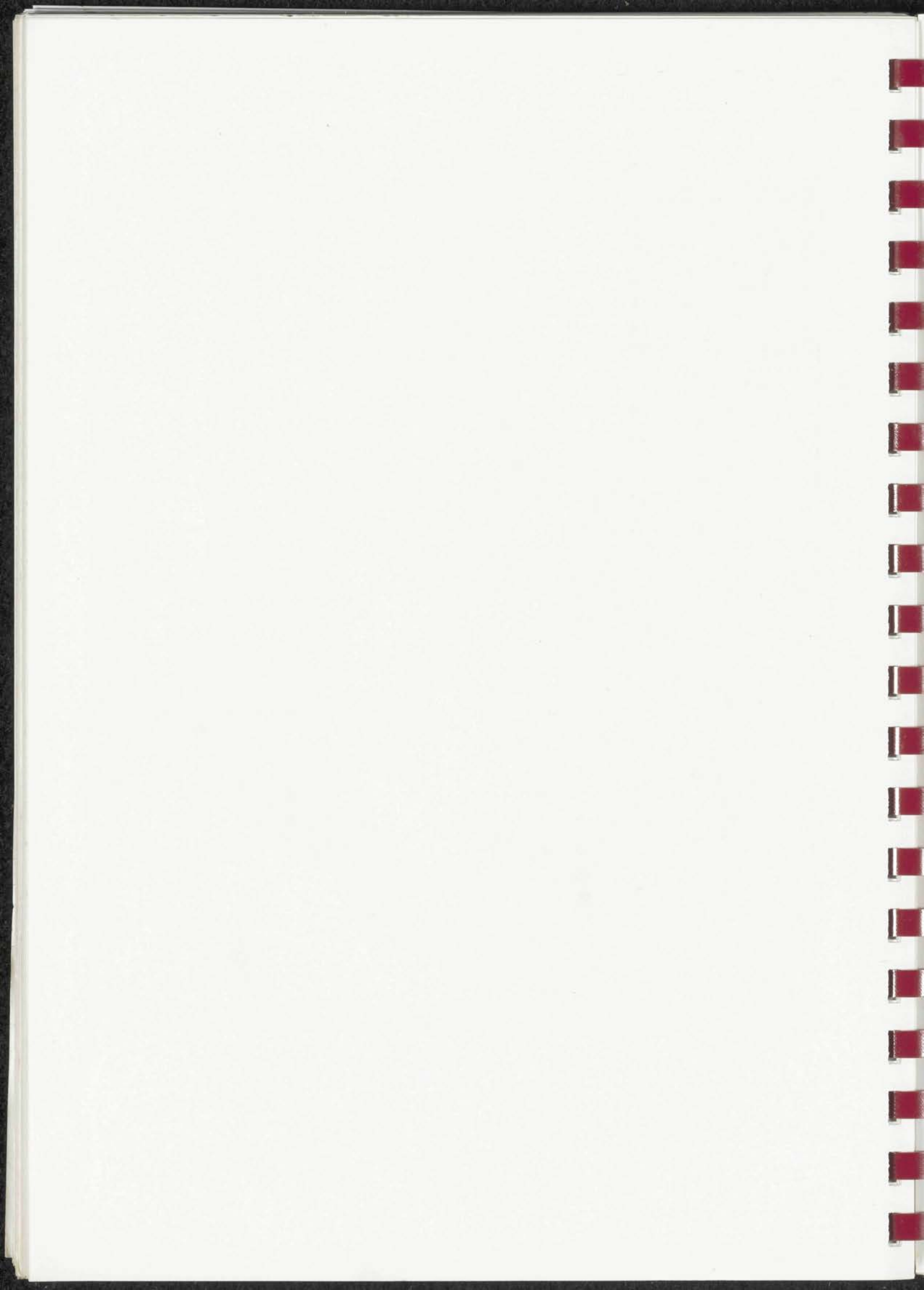
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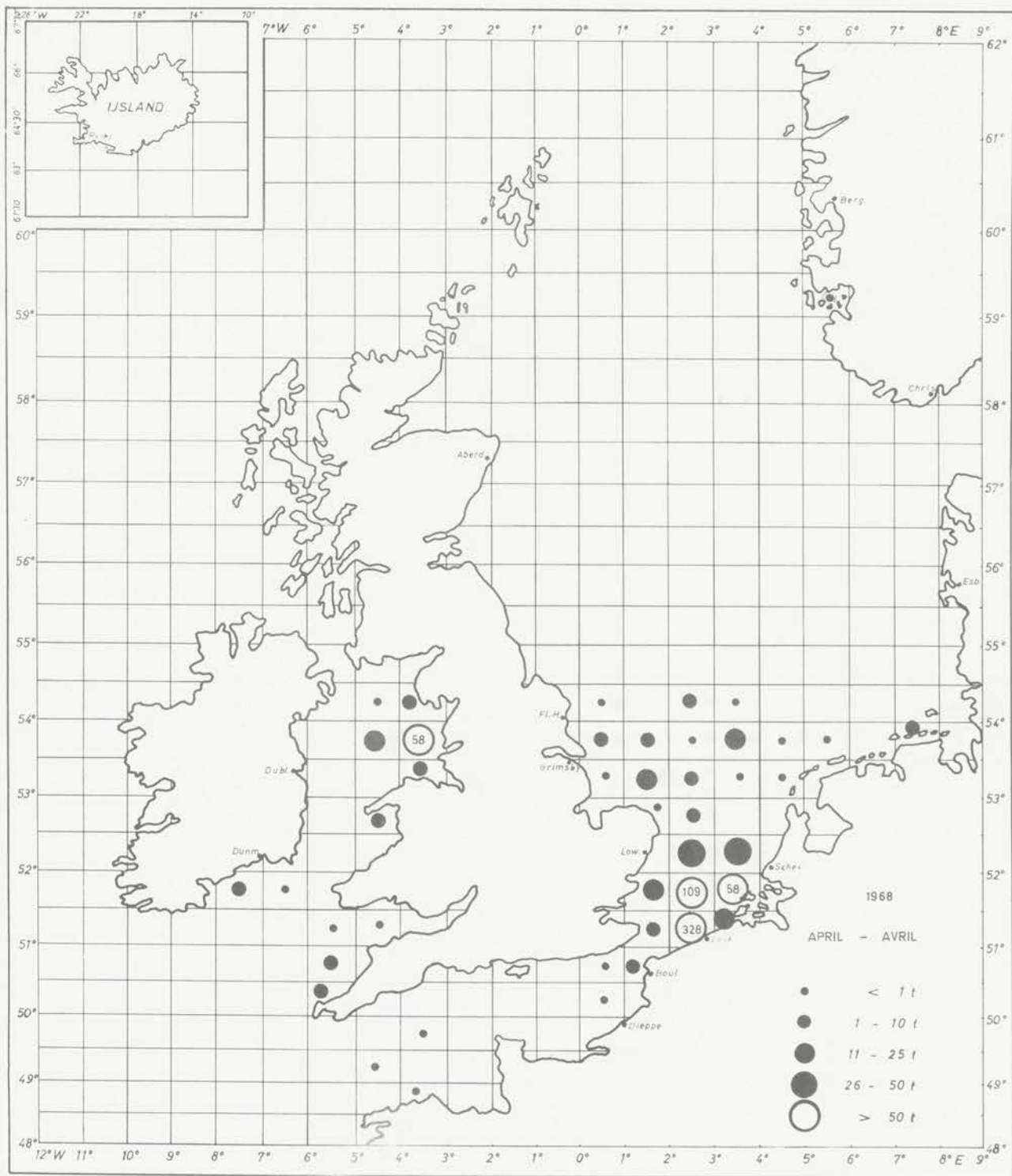


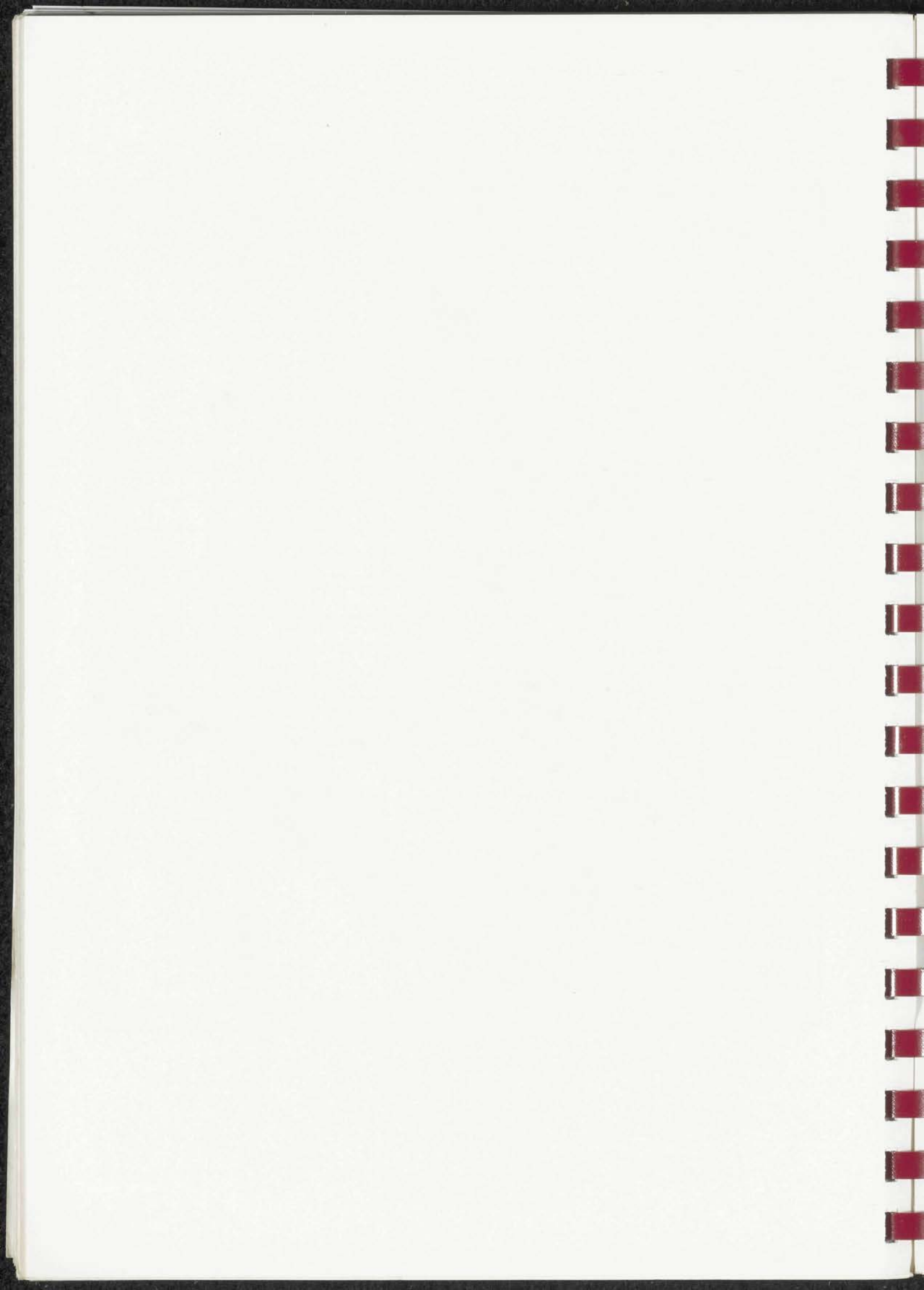
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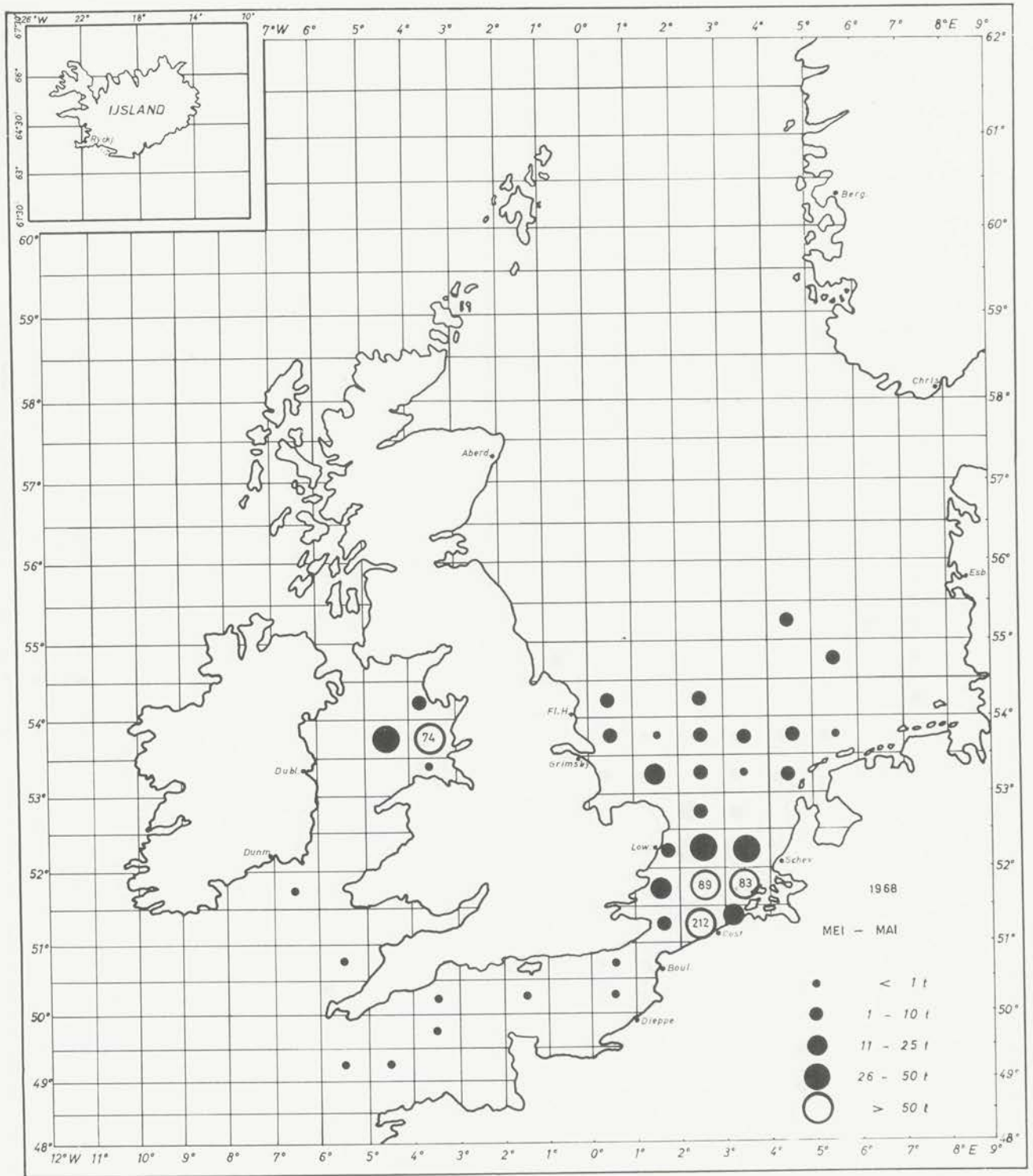


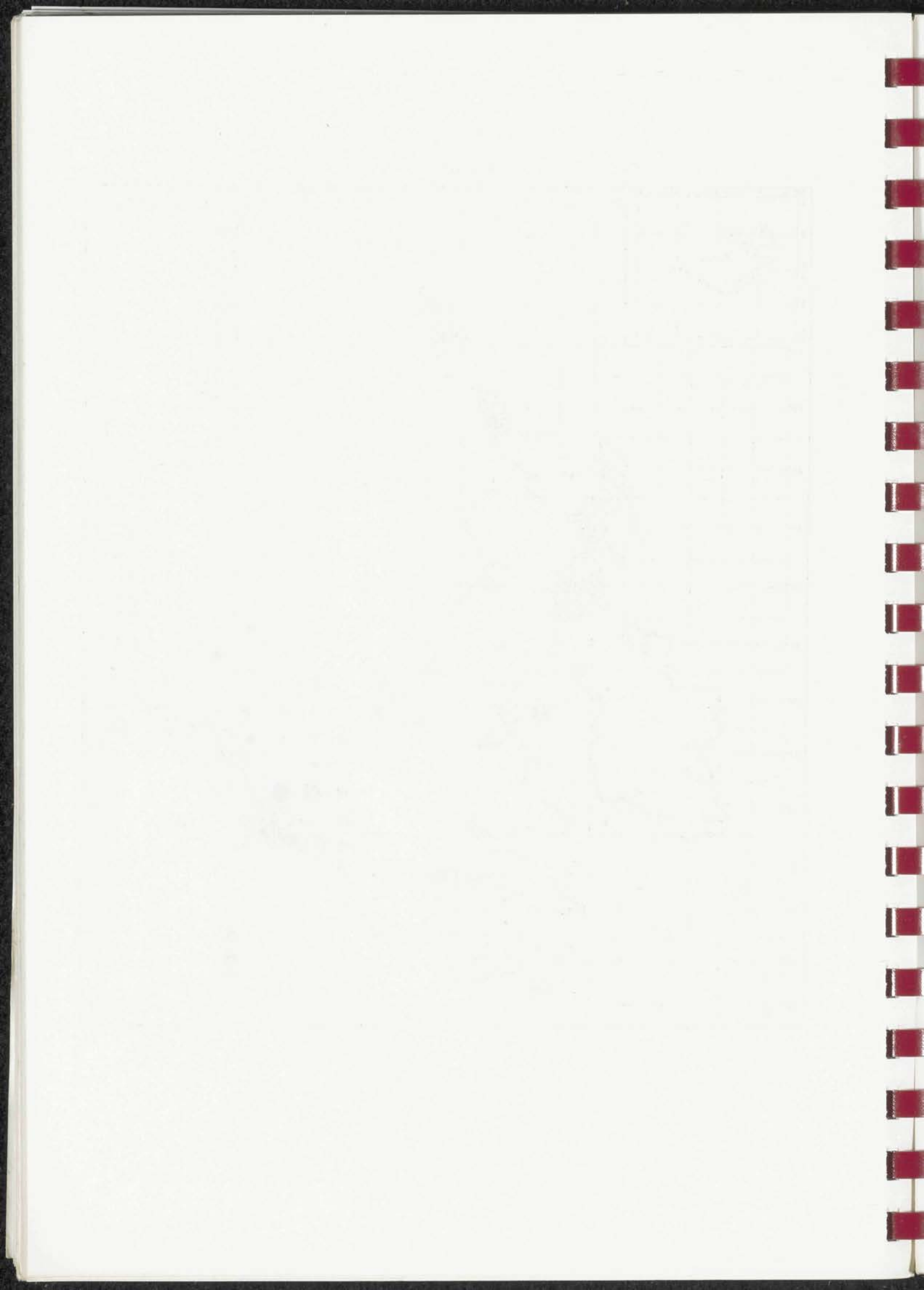
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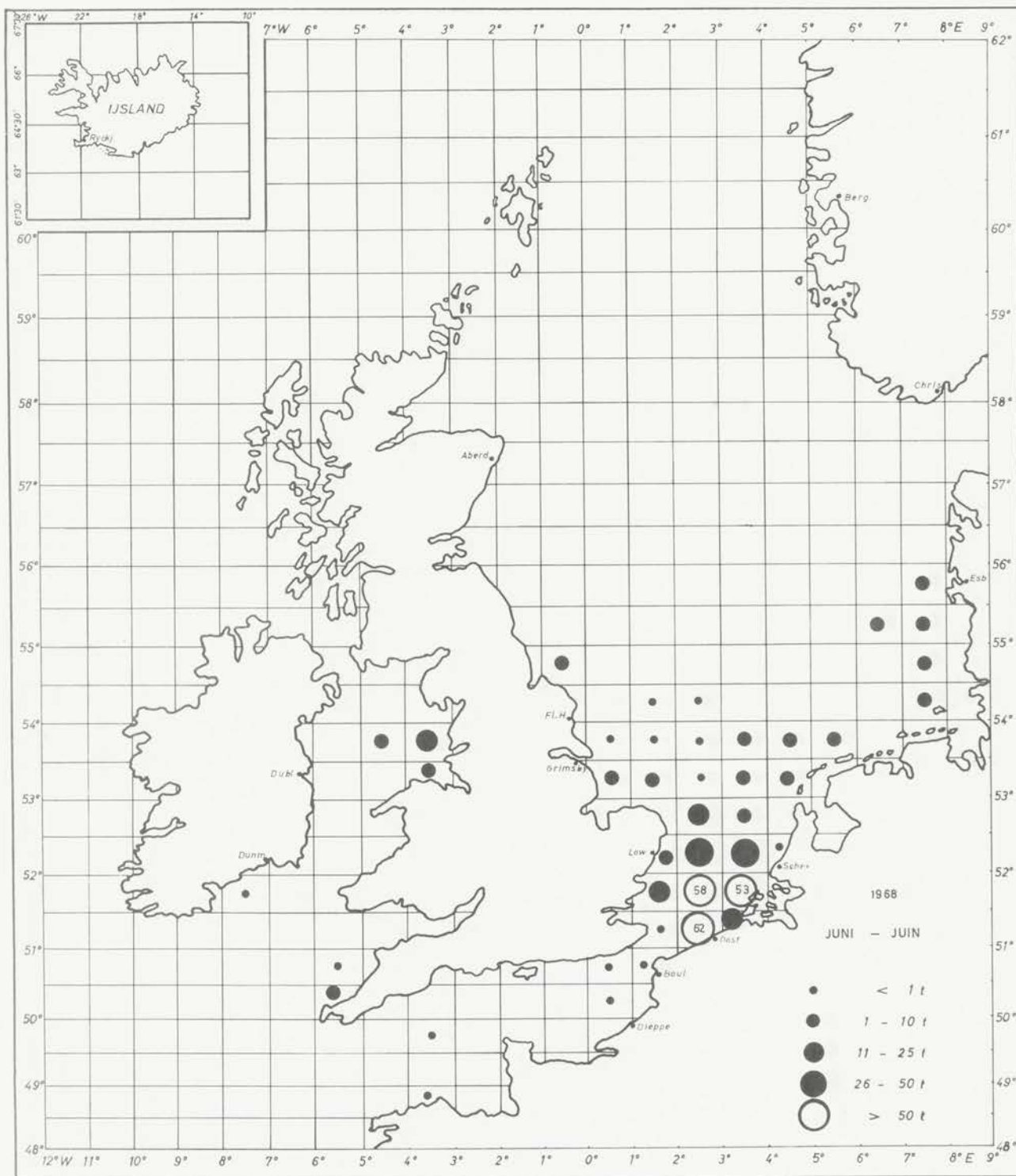


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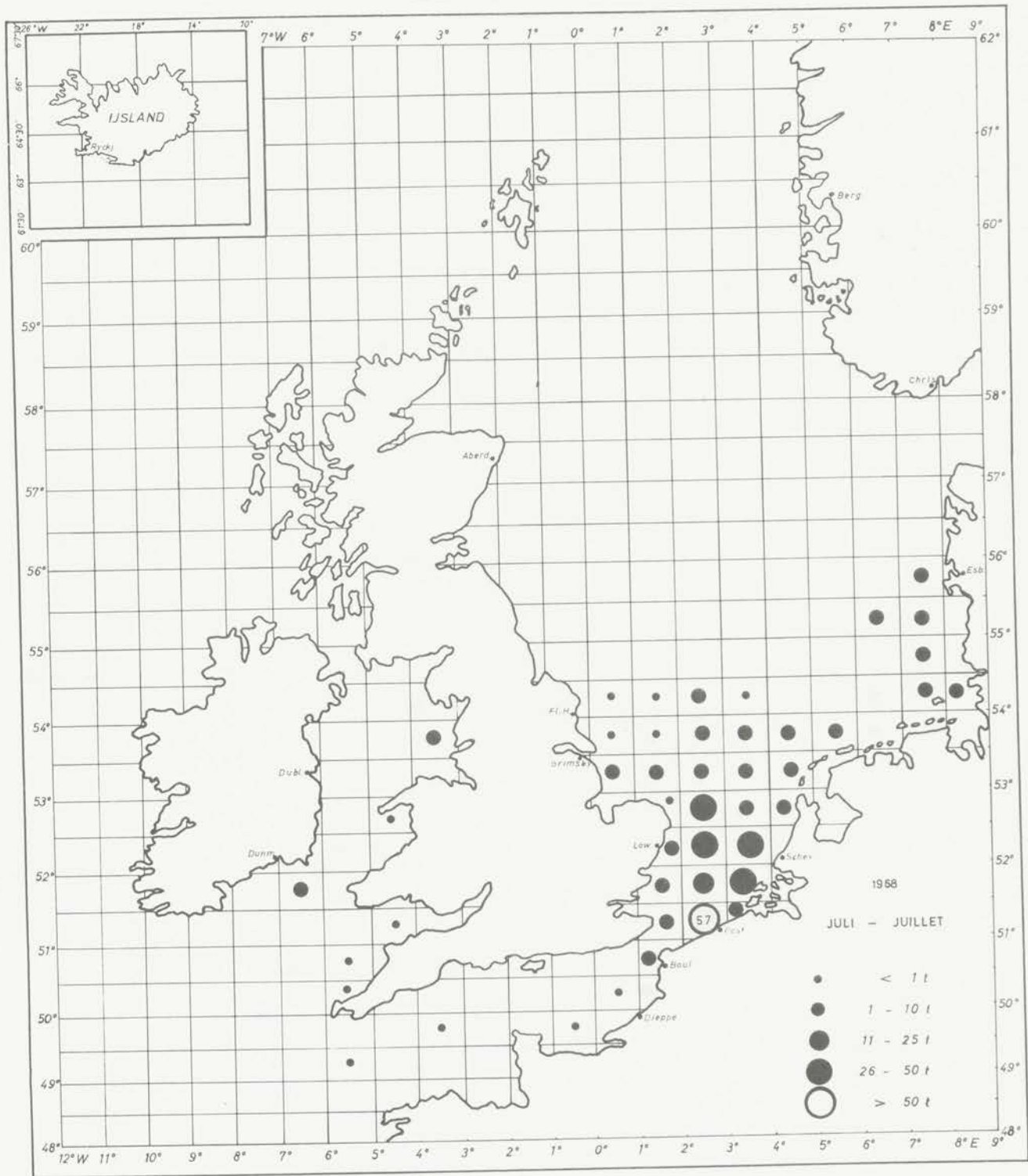


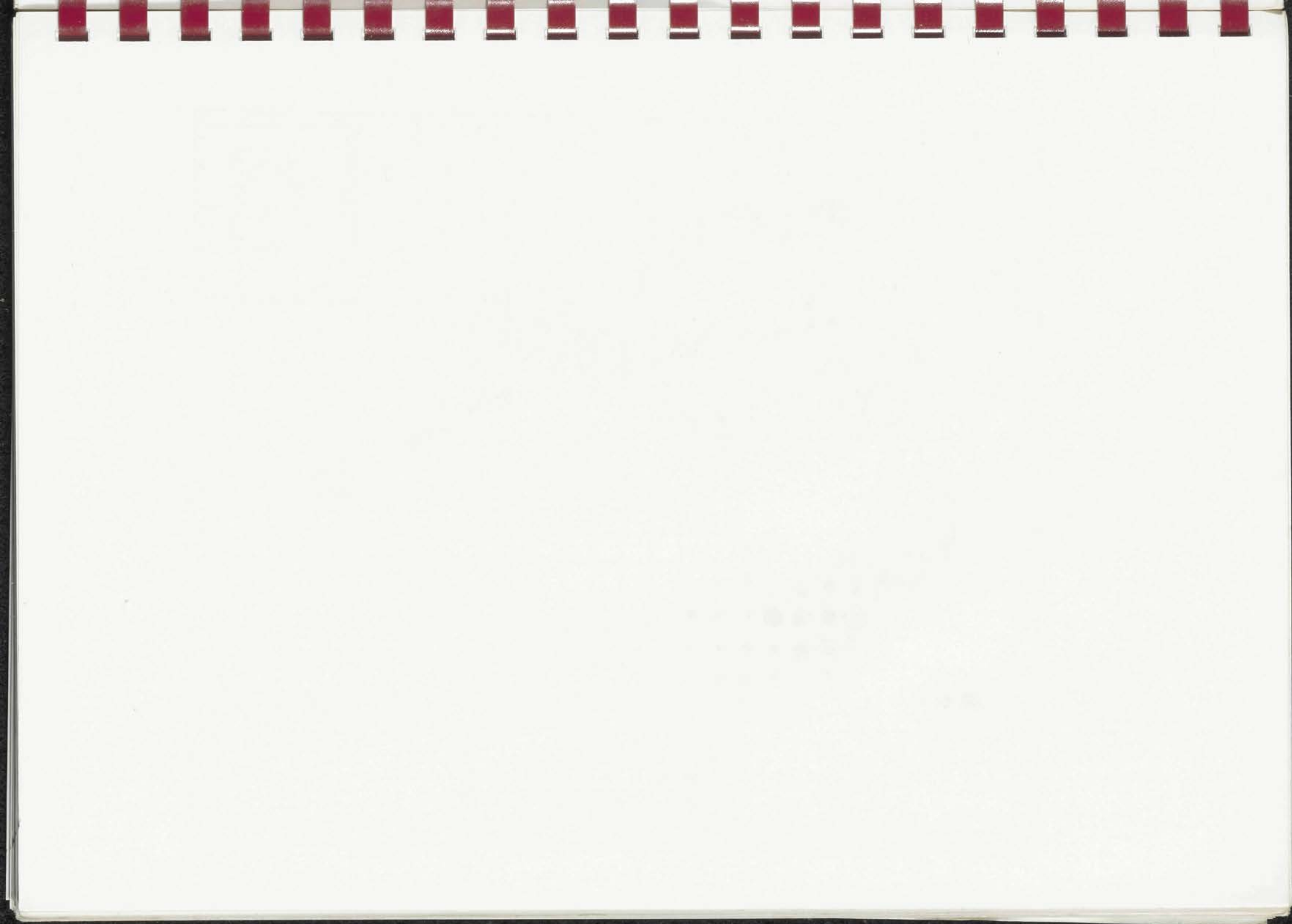
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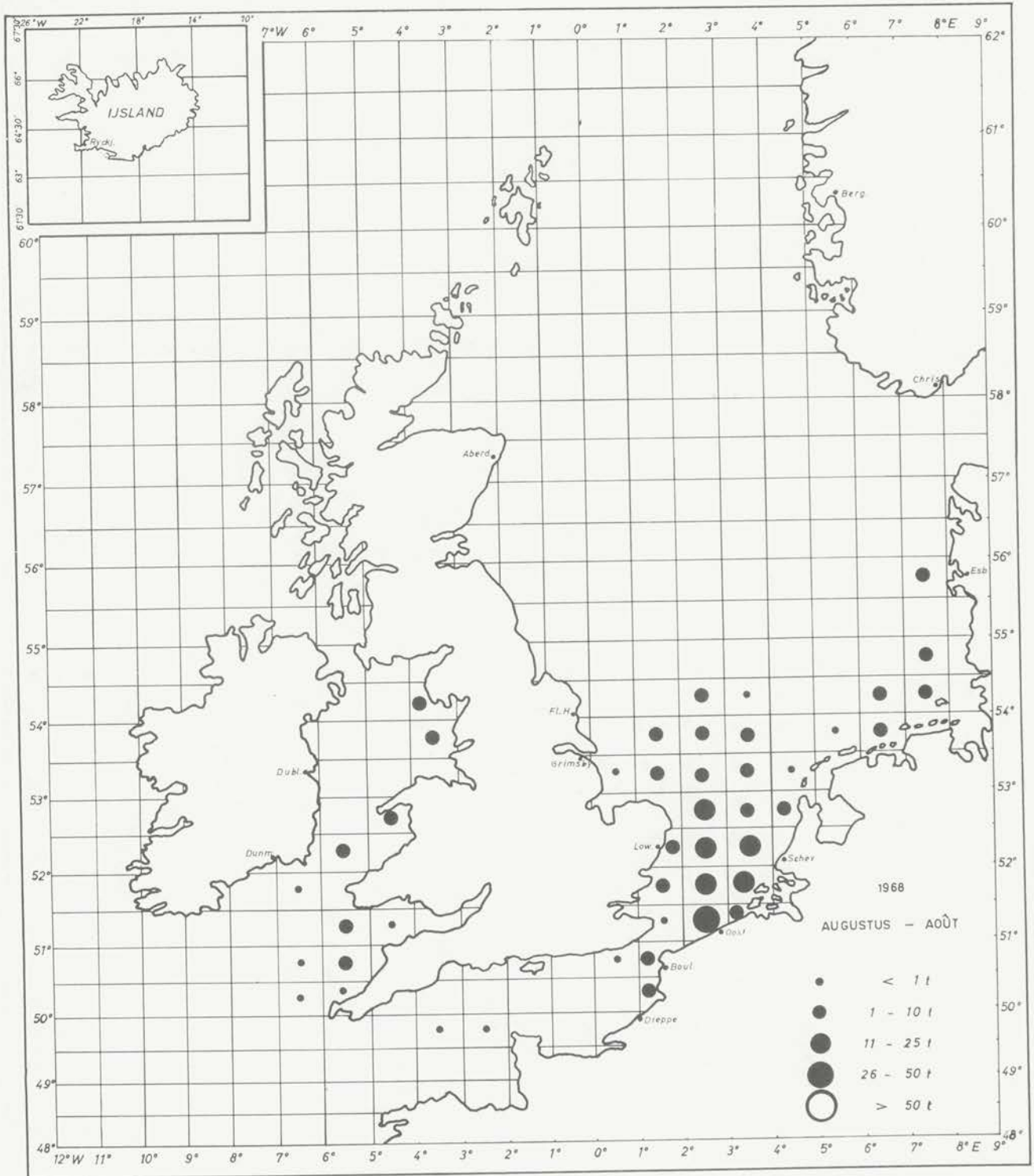


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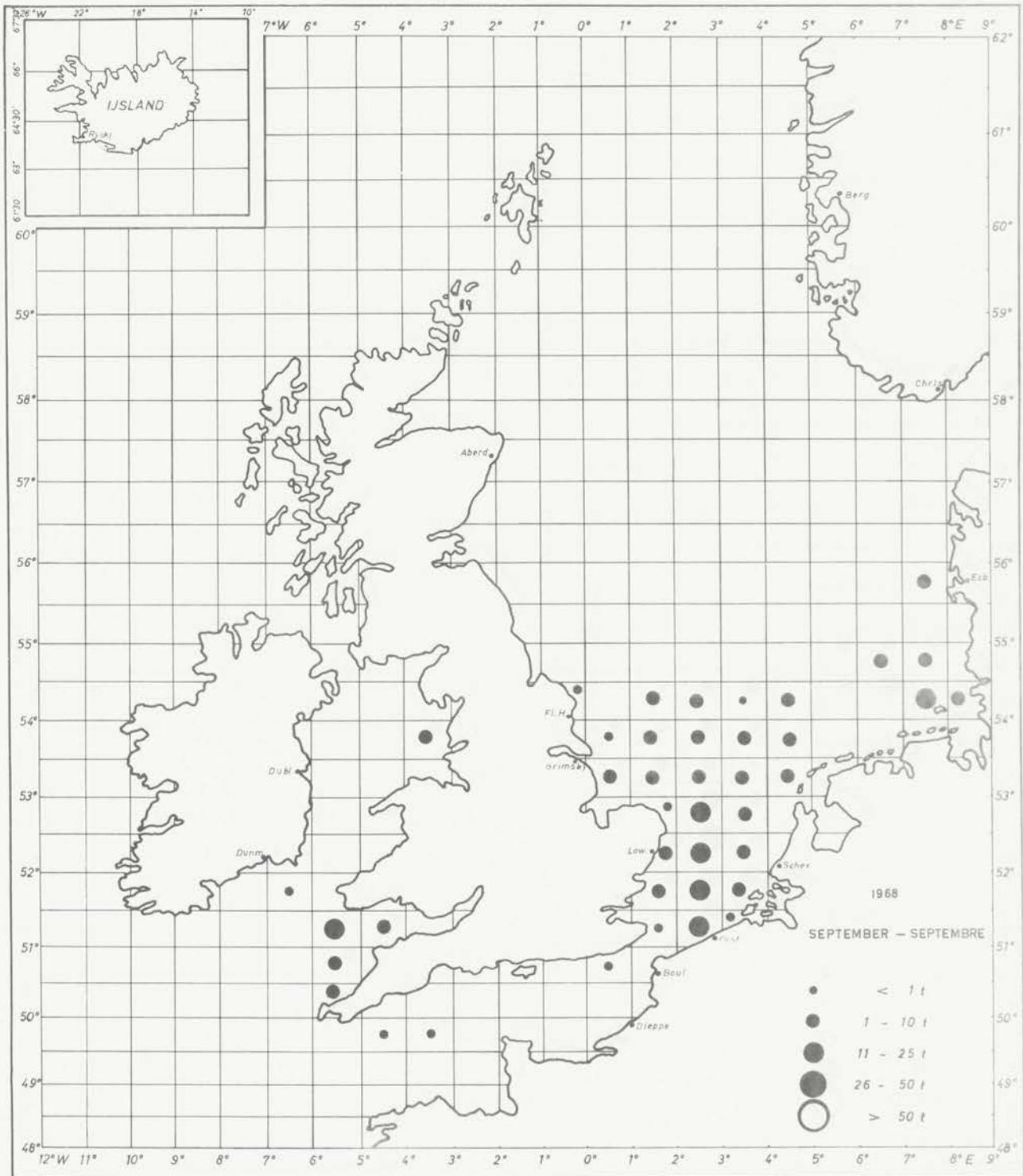


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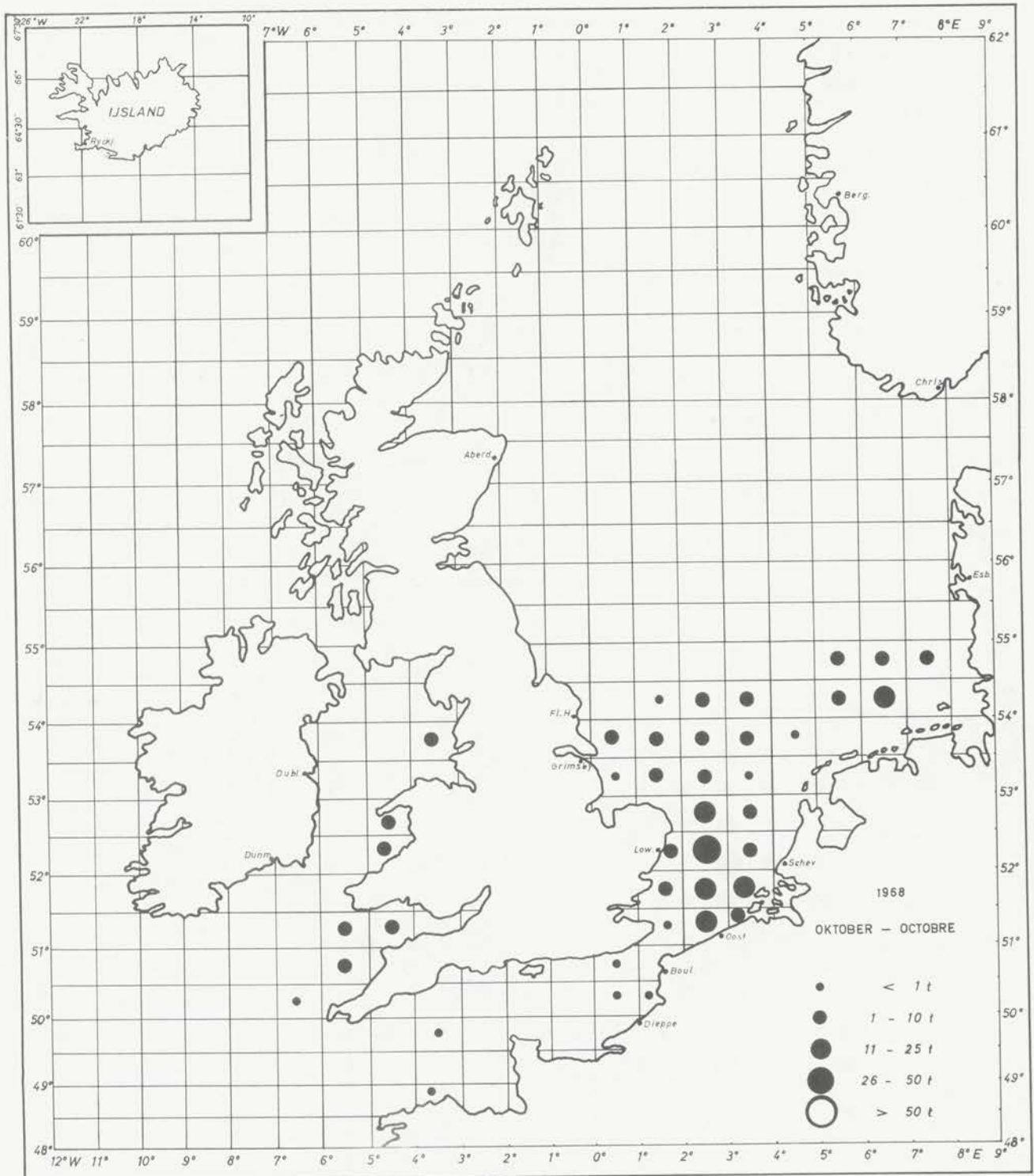


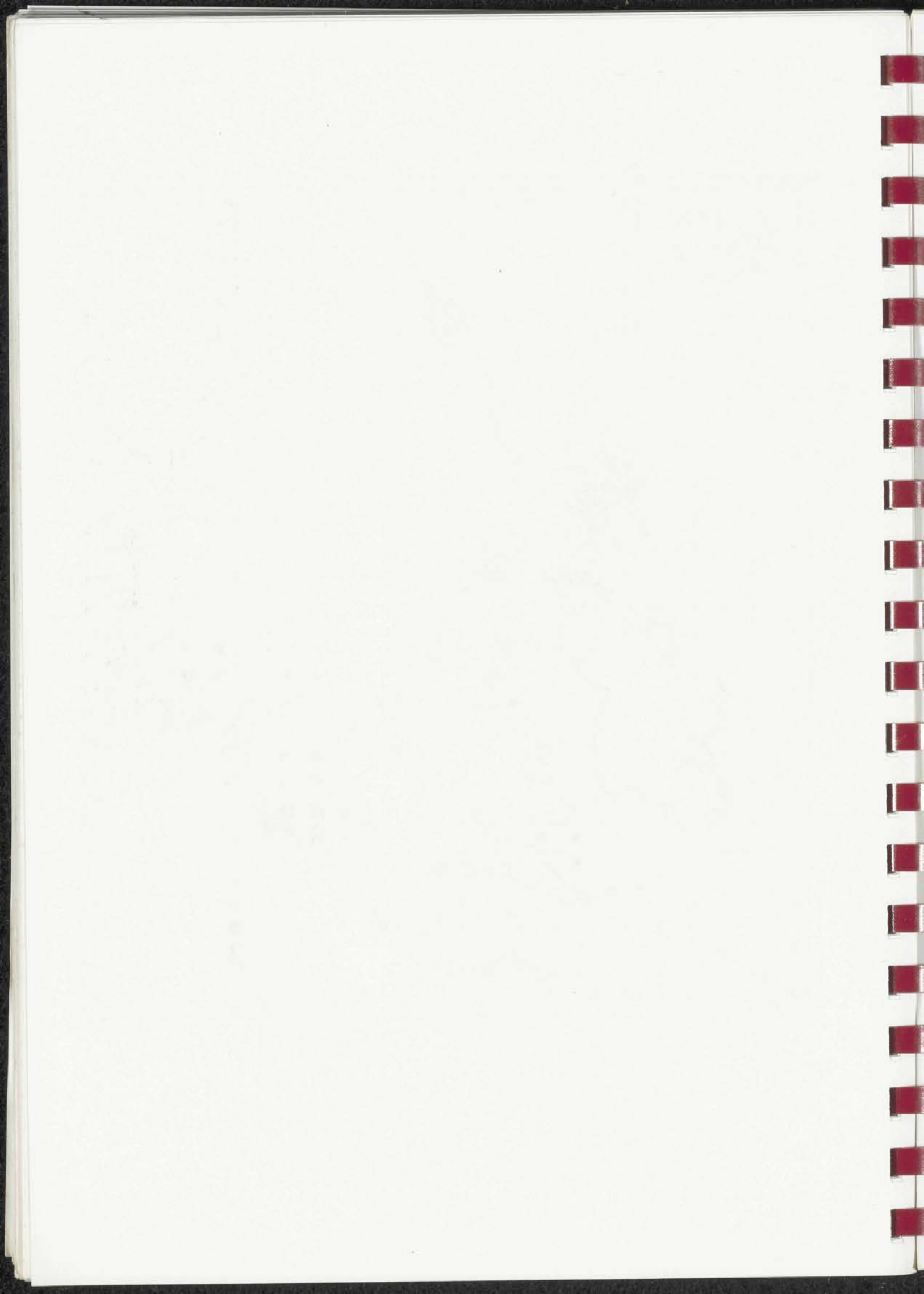
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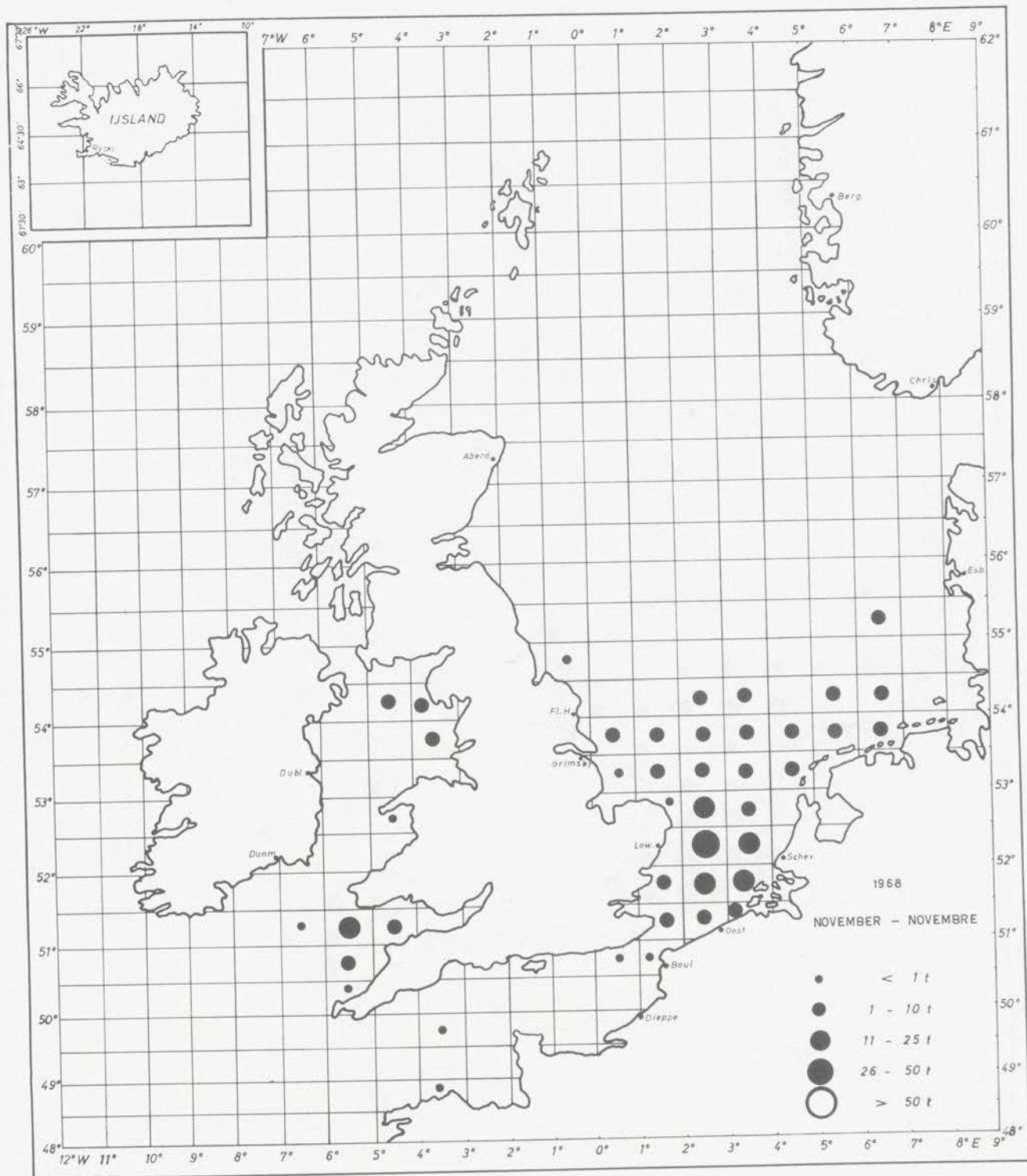


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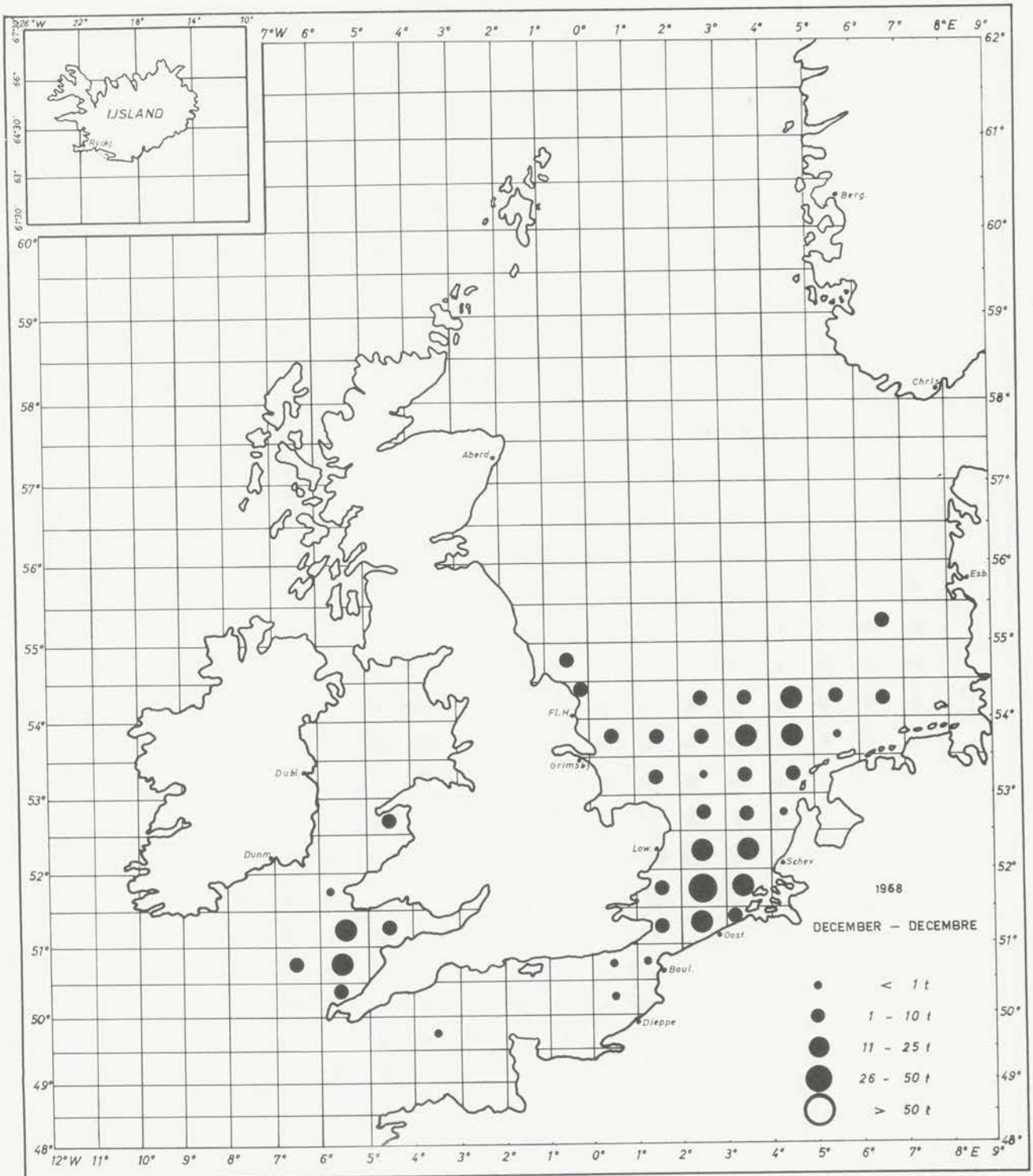


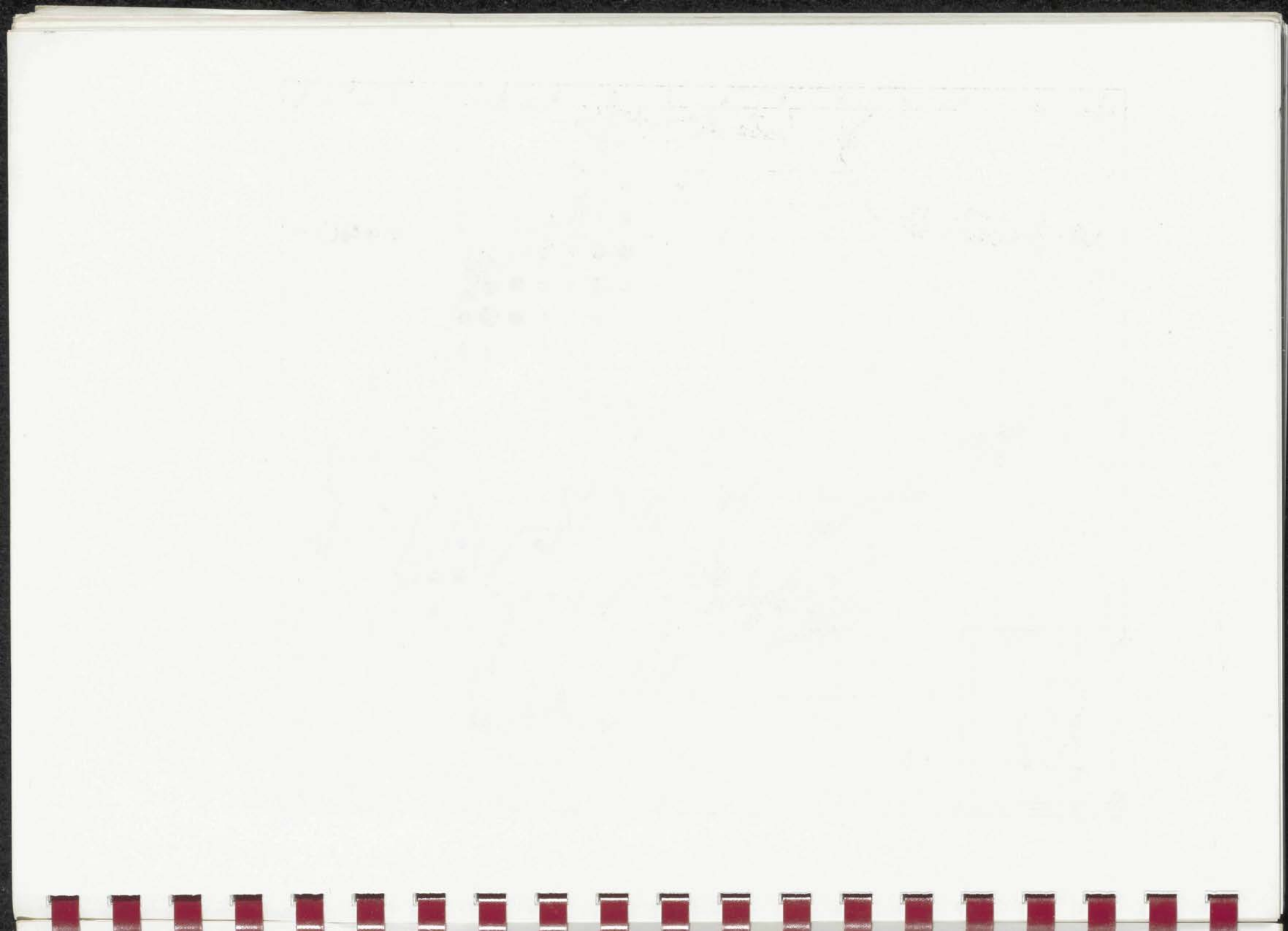
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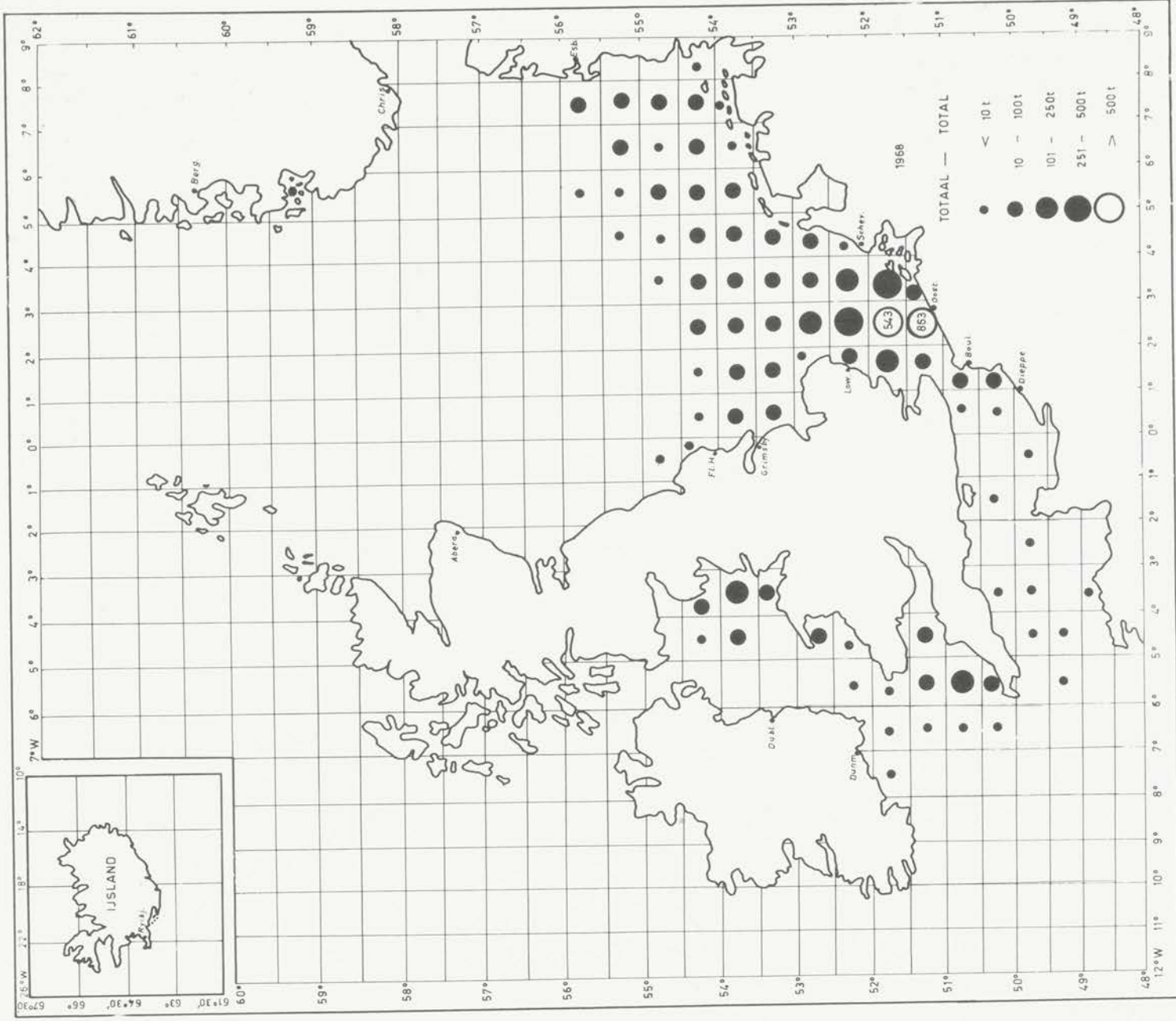


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C.L.O. Offset-Repro-Fotografie

