

Instituut voor Zeewetenschappelijk onderzoek
Institute for Marine Scientific Research

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BELGISCHE

ZEEVISSERIJATLAS

ATLAS DES PECHES

MARITIMES BELGES

1957 - 61

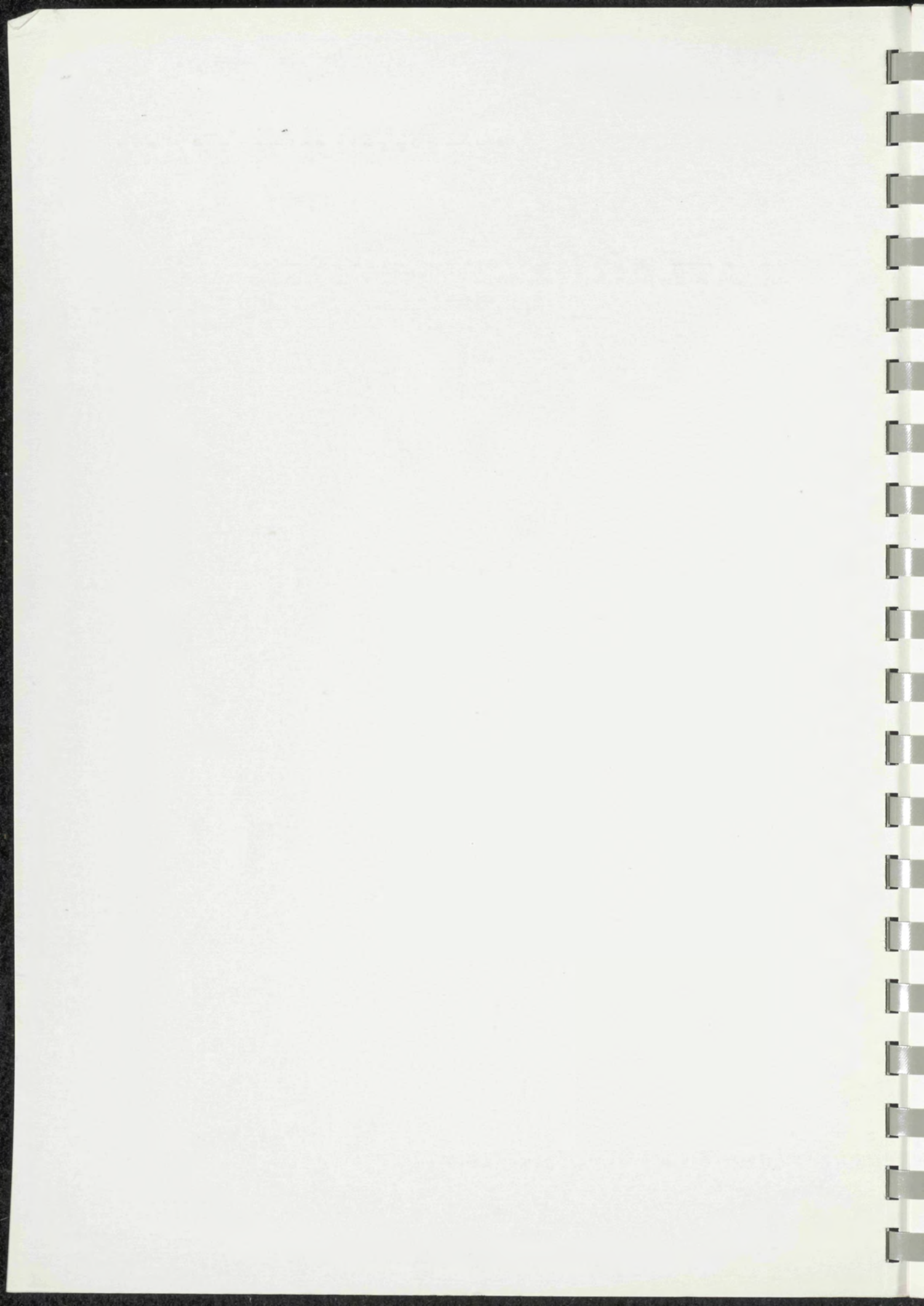
E. LELOUP

Ch. GILLIS

MINISTERIE VAN LANDBOUW

BESTUUR VOOR LANDBOUWKUNDIG ONDERZOEK

COMMISSIE VOOR TOEGEPAST WETENSCHAPPELIJK ONDERZOEK IN DE ZEEVISSERIJ



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ZEEVISSERIJATLAS

Instituut voor Zeewetenschappelijk onderzoek

Instituut für die wissenschaftliche Fischerei

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1957-61

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1982-1983

1984-1985

1986-1987

1988-1989

1990-1991

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BELGISCHE VISSERIJATLAS

De Commissie voor Toegepast Wetenschappelijk Onderzoek in de Zeevisserij presenteert vijf atlassen betrekking hebbende op de kabeljauw-, schelvis-, wijting-, schol- en tongvisserij.

De atlassen verdelen zich over 1957 tot 1965 : één heeft betrekking op het geheel van de vijfjarige periode 1957-1961 en één, op ieder van de jaren 1962 tot 1965.

Per soort omvat iedere atlas 13 kaarten (1 tot 13) : twaalf maandelijks en één jaarlijkse.

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

Volgens de beschouwde periode, dekt de kabeljauwvangst 114 tot 131 vakjes; deze van de schelvis, 74 tot 107; deze van de wijting, 111 tot 137; deze van de schol, 105 tot 123 en deze van de tong, 91 tot 107. Alleen de hoeveelheden herkomstig van de visserij op demersale vis en in de nationale havens aangevoerd, zijn in deze vakjes vermeld.

Gezien het grote aantal en de wijde geografische verspreiding van de vakjes, alsook het feit dat één atlas slechts gewag maakt van de uitslagen der beschouwde periode, 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 soort, een tabellarisch overzicht ingelast (tabel I) dragende op de vijf perioden en gesteund op de geografische gebieden, die in het "Bulletin Statistique" van de Internationale Raad voor het Onderzoek van de Zee van Kopenhagen in aanmerking worden genomen. De documentatie in de statistische vakjes vermeld, is dan ook in negen geografische gebieden opgenomen (tabel I en kaart A). Deze gebieden behelzen niet alleen de hoeveelheden herkomstig van de visserij op demersale vis, maar ook de bijvangst door de garnaal-, haring- en sprotvissers verwezenlijkt.

Een andere tabel (tabel II) duidt de jaarlijkse evolutie aan van de belangrijkheid der vissersvloot (aantal vaartuigen en drijfkracht) gedurende de jaren 1957-1965 en dit, voor ieder van de zes scheepsklassen afzonderlijk.

Eindelijk, in iedere atlas zijn, per vissoort, vier figuren ingelast die de jaarlijkse schommelingen van de vangst met deze van de belangrijkheid der vissersvloot confronteren.

Deze atlassen vormen een leerrijk bewijsmateriaal voor de beroepsvissers en de biologen die zich over de evolutie en de toekomst van de zeevisserij bezorgd maken.

OOSTENDE, 1 december 1966.

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FOOTNOTES

ATLAS DES PECHES BELGES

La Commission pour la recherche scientifique appliquée dans la pêche maritime présente cinq atlas relatifs à la pêche belge du cabillaud, de l'églefin, du merlan, de la plie et de la sole.

Les atlas se répartissent de 1957 à 1965 : un se rapporte à l'ensemble de la période quinquennale 1957-1961 et un, à chacune des années 1962 à 1965.

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

Les pêches se répartissent d'après les rectangles statistiques qui, pour la Mer du Nord et les eaux adjacentes, mesurent 0°30' latitude sur 1°00' longitude et ceux de la Mer d'Islande, 1°30' latitude sur 4°00' longitude.

Suivant la période considérée, les pêches du cabillaud couvrent 114 à 131 rectangles; celles de l'églefin, 74 à 107; celles du merlan, 111 à 137; celles de la plie, 105 à 123 et celles de la sole, 91 à 107. Dans ces rectangles ne sont signalées que les quantités provenant de la pêche aux poissons démersaux et débarquées dans les ports nationaux.

Vu le nombre élevé, la grande dispersion géographique des rectangles et le fait qu'un atlas ne mentionne que les résultats d'une période, il est malaisé 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 (tableau 1) portant sur les cinq périodes et basé sur les régions géographiques prises en considération dans le "Bulletin Statistique" du Conseil International pour l'Exploration de la Mer de Copenhague.

LES BÂTIMENTS EN BOIS

Le bâtiment pour la recherche scientifique est un type de bâtiment qui présente une certaine originalité. Il est caractérisé par son aspect moderne et fonctionnel. Les études de répartition de 1957 à 1962 ont permis de constater que la période 1957-1962 est marquée par une augmentation de 100% à 1962.

Ces études ont permis de constater que les bâtiments en bois sont de plus en plus utilisés dans les zones urbaines et rurales.

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Par conséquent, la documentation indiquée dans les rectangles statistiques est incorporée dans neuf régions géographiques (tableau 1 et carte A). Ces régions 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 II) indique l'évolution annuelle de l'importance numérique et motrice de la flottille de pêche au cours des années 1957 à 1965 et ce, pour chacune des six classes de navires séparément.

Enfin, dans chaque atlas sont insérées, par espèce, quatre figures qui permettent de comparer les fluctuations annuelles de la pêche à celles de l'importance de la flottille de pêche.

Ces atlas représentent une documentation instructive pour les professionnels et les biologistes qui se préoccupent de l'évolution et de l'avenir de la pêche maritime.

OSTENDE, le 1er décembre 1966.

1. The first step in the process of identifying a problem is to define the problem clearly. This involves identifying the symptoms of the problem and determining the scope of the problem. Once the problem is defined, the next step is to identify the causes of the problem. This involves identifying the factors that contribute to the problem and determining the underlying causes of the problem. Once the causes are identified, the next step is to develop a plan of action to address the problem. This involves identifying the goals of the plan and determining the steps that need to be taken to achieve those goals. Finally, the last step is to implement the plan and monitor the progress of the plan. This involves putting the plan into action and tracking the results of the plan to ensure that the problem is being addressed effectively.

2. The second step in the process of identifying a problem is to identify the causes of the problem.

Tabel II - JAARLIJKSE EVOLUTIE VAN DE BELANGRIJKHEID DER VISSERSVLOOT (1)

Tableau II - EVOLUTION ANNUELLE DE L'IMPORTANCE DE LA FLOTTILLE DE PECHE (1)

Jaar	Scheepsklassen			Classes de navires			Totaal
	I (< 80 pk)	II (80-119pk)	III (120-239pk)	IV (240-349pk)	V (350-499pk)	VI (> 500pk)	
Année	Garnaaltreilers Chalutiers crevettiers	Kusttreilers Chalutiers côtiers	Kleine mid- denslag tr. Petits cha- lutiers moy- ens	Grote midden slagtreilers Grands chalu- tiers moyens	Kleine diep- zeetreibers Petits cha- lutiers hau- turiers	Grote diep- zeetreibers Grands chalu- tiers hautu- riers	Total
1. Aantal bedrijvige vaartuigen				1. Nombre de navires en activité			
1957-1961	116	68	153	61	19	14	431
1962	84	67	147	58	20	17	393
1963	79	61	147	67	17	17	388
1964	63	61	156	76	18	15	389
1965	51	56	169	81	20	18	395
2. Drijfkracht (aantal pk)				2. Force motrice (nombre de CV)			
1957-1961	6.941	6.450	24.166	16.272	7.629	13.674	75.132
1962	5.359	6.258	22.820	15.223	8.146	15.610	73.416
1963	5.150	5.781	22.789	17.810	7.005	15.782	74.317
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
3. Gemiddeld aantal pk per vaartuig				3. Nombre moyen de CV par navire			
1957-1961	60	95	160	267	402	917	174
1962	64	93	155	262	407	918	187
1963	65	95	155	266	412	928	192
1964	67	95	156	275	416	949	198
1965	66	96	158	280	410	837	206

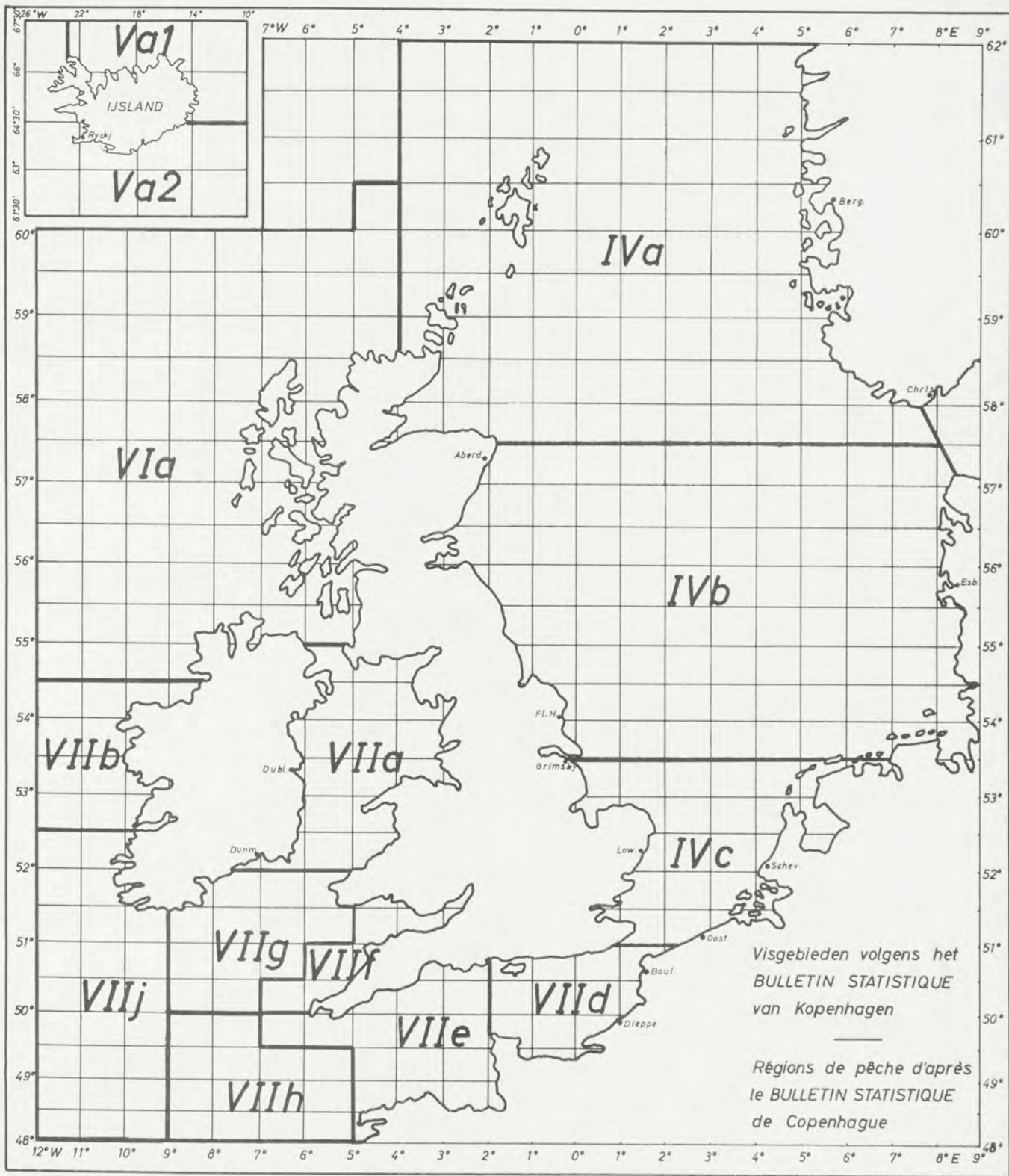
(1) Bron : Dienst voor de Zeevisserij

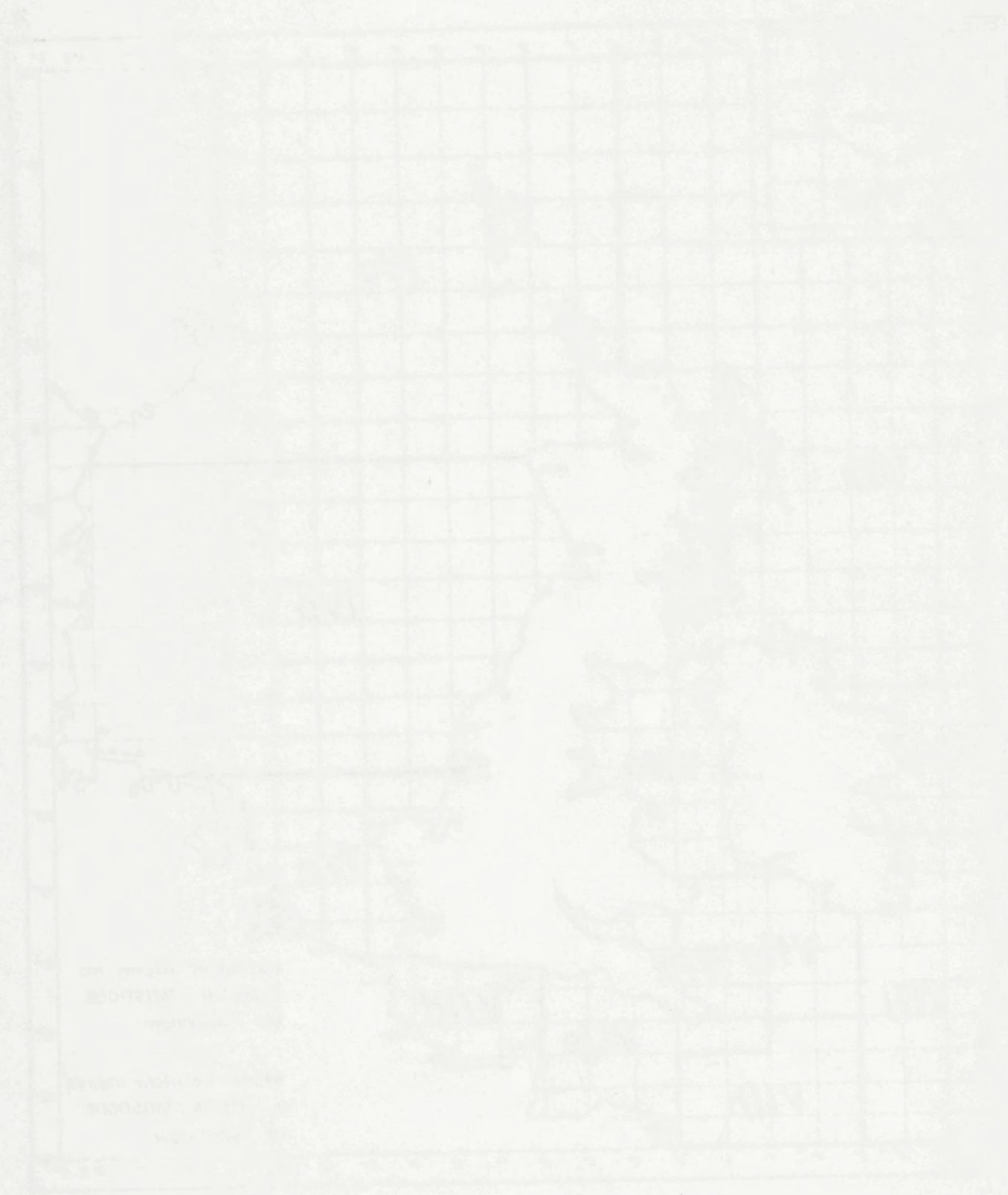
(1) Source : Service de la Pêche Maritime

(1) Name of the person or persons (2) Address (3) Date of birth (4) Sex (5) Religion (6) Education (7) Occupation (8) Marital status (9) Number of children (10) Date of last visit (11) Date of next visit (12) Remarks

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
1	John Doe	123 Main St	1950-01-15	M	Protestant	High School	Farmer	Married	2	1990-01-01	1991-01-01	Good health
2	Jane Doe	123 Main St	1952-03-20	F	Catholic	High School	Homemaker	Married	2	1990-01-01	1991-01-01	Good health
3	Robert Doe	123 Main St	1955-07-10	M	Methodist	High School	Teacher	Married	1	1990-01-01	1991-01-01	Good health
4	Emily Doe	123 Main St	1958-11-05	F	Evangelical	High School	Student	Single	0	1990-01-01	1991-01-01	Good health
5	Michael Doe	123 Main St	1960-05-18	M	Baptist	High School	Engineer	Married	1	1990-01-01	1991-01-01	Good health
6	Sarah Doe	123 Main St	1962-09-22	F	Presbyterian	High School	Librarian	Married	1	1990-01-01	1991-01-01	Good health
7	David Doe	123 Main St	1965-02-14	M	Anglican	High School	Business	Married	2	1990-01-01	1991-01-01	Good health
8	Christina Doe	123 Main St	1968-06-08	F	Wesleyan	High School	Nurse	Married	1	1990-01-01	1991-01-01	Good health
9	James Doe	123 Main St	1970-10-01	M	Episcopal	High School	Student	Single	0	1990-01-01	1991-01-01	Good health
10	Maria Doe	123 Main St	1972-04-19	F	Orthodox	High School	Teacher	Married	1	1990-01-01	1991-01-01	Good health
11	Christopher Doe	123 Main St	1975-08-12	M	Reformed	High School	Student	Single	0	1990-01-01	1991-01-01	Good health
12	Amanda Doe	123 Main St	1978-12-03	F	Presbyterian	High School	Student	Single	0	1990-01-01	1991-01-01	Good health
13	Benjamin Doe	123 Main St	1980-03-25	M	Methodist	High School	Student	Single	0	1990-01-01	1991-01-01	Good health
14	Isabella Doe	123 Main St	1982-07-17	F	Evangelical	High School	Student	Single	0	1990-01-01	1991-01-01	Good health
15	Ethan Doe	123 Main St	1985-11-09	M	Baptist	High School	Student	Single	0	1990-01-01	1991-01-01	Good health
16	Sophia Doe	123 Main St	1988-05-01	F	Wesleyan	High School	Student	Single	0	1990-01-01	1991-01-01	Good health
17	Lucas Doe	123 Main St	1990-09-13	M	Episcopal	High School	Student	Single	0	1990-01-01	1991-01-01	Good health
18	Mia Doe	123 Main St	1992-01-27	F	Orthodox	High School	Student	Single	0	1990-01-01	1991-01-01	Good health
19	Oliver Doe	123 Main St	1994-06-10	M	Reformed	High School	Student	Single	0	1990-01-01	1991-01-01	Good health
20	Charlotte Doe	123 Main St	1996-10-24	F	Presbyterian	High School	Student	Single	0	1990-01-01	1991-01-01	Good health

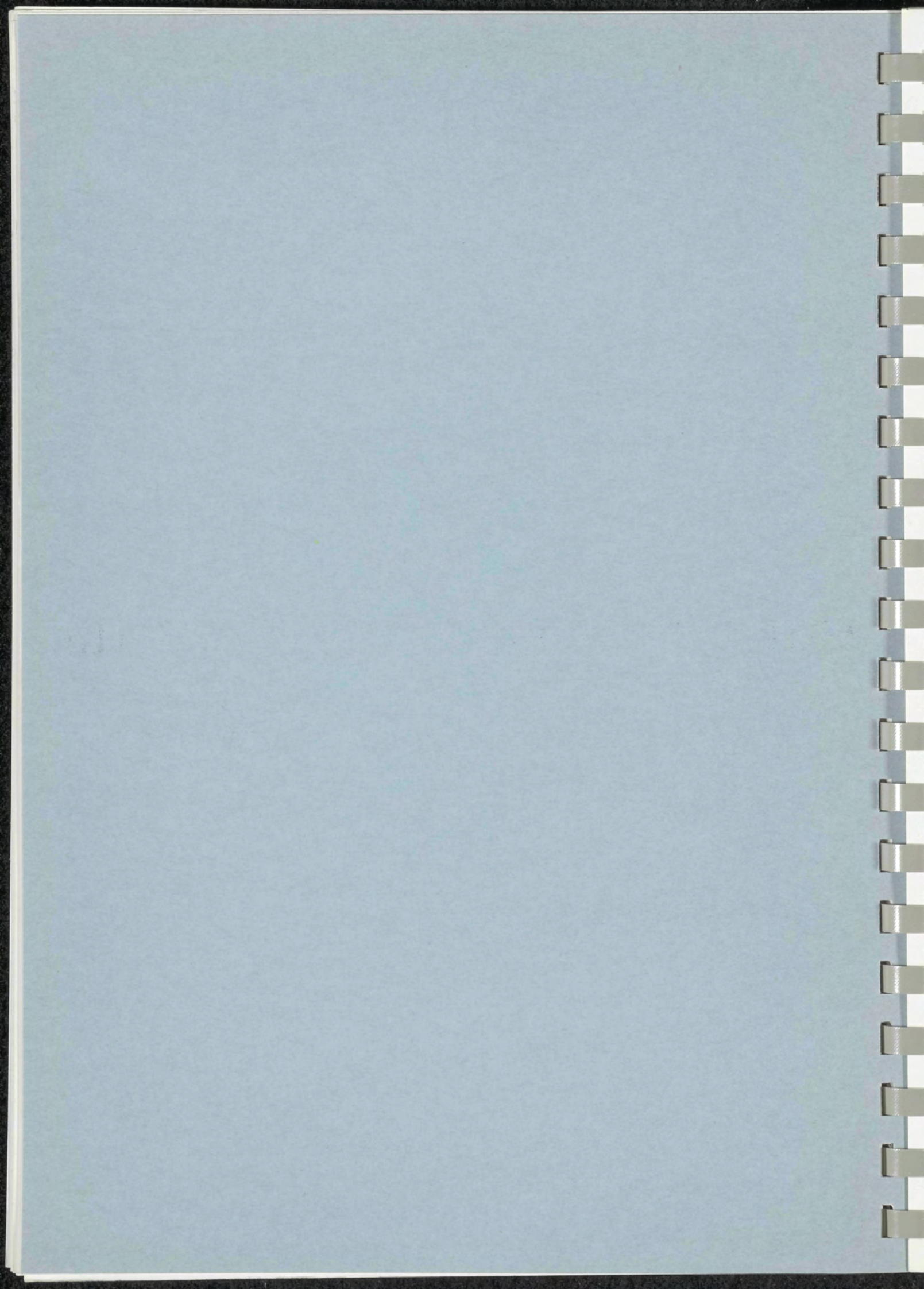
System 11 - Identification Numbers of P. ...
 Table 11 - Identification Numbers of P. ...





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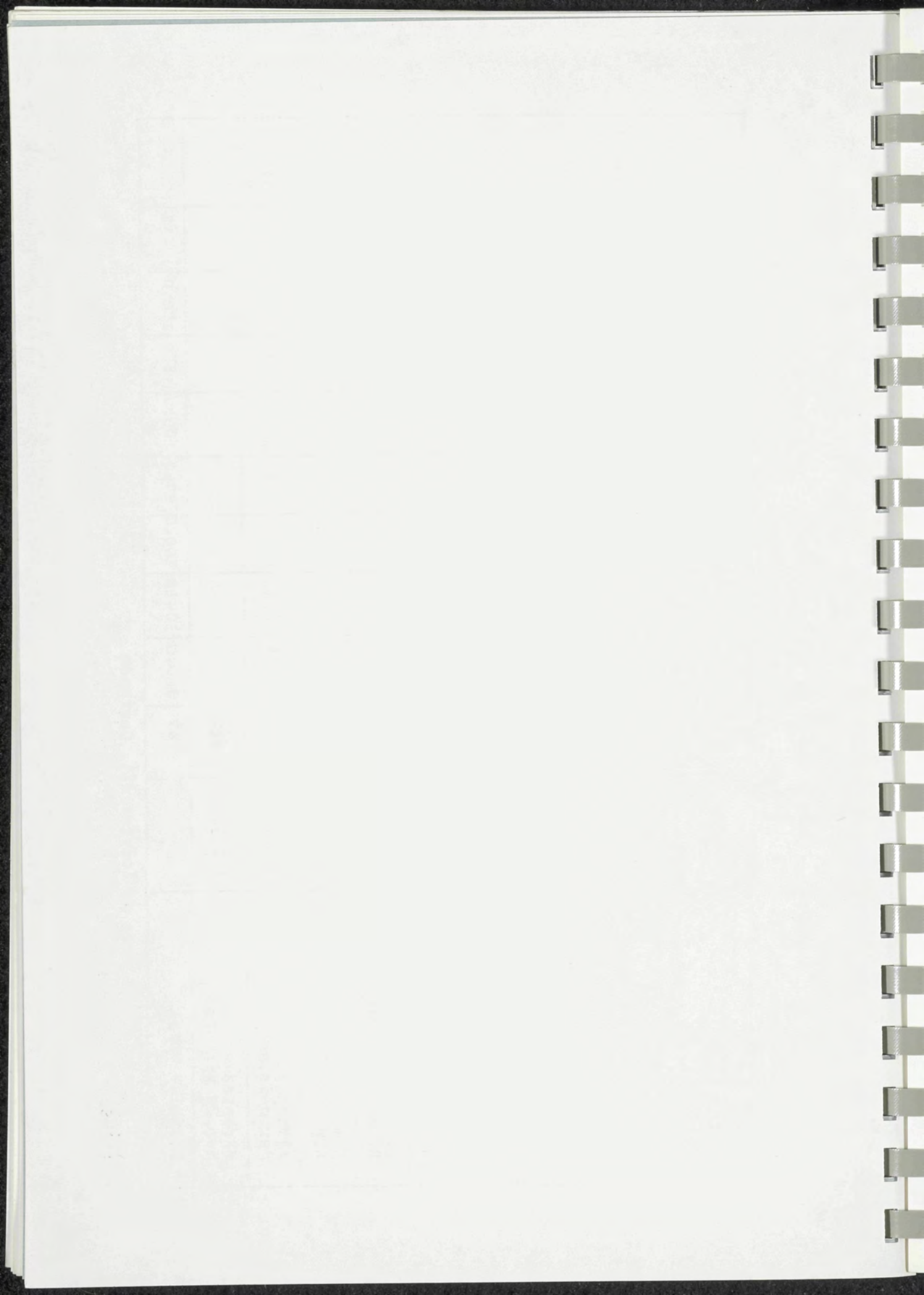
KABELJAUW - CABILLAUD - GADUS CALLARIAS (L.)



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

Gebieden Régions	Kaart A Carte A	1957 - 1961		1962		1963		1964		1965	
		t	%	t	%	t	%	t	%	t	%
N.Z. Zuid M.N. Méridionale	(IV c)	1103	13.0	1308	12.6	1218	13.9	1766	23.4	6142	45.6
N.Z. Midden M.N. Centrale	(IV b)	934	11.0	1495	14.3	1373	15.7	1489	19.7	1986	14.7
N.Z. Noord M.N. Septentrionale	(IV a)	1129	13.3	624	6.0	620	7.1	704	9.3	708	5.2
Engels Kanaal Manche	(VII d e)	26	0,3	22	0.2	13	0.2	57	0.7	153	1.1
Ierse Zee & Bristol Kan. M. d'Irlande & C.Bristol	(VII a f)	188	2.2	118	1.1	77	0.9	423	5.6	702	5.2
Z. & W. Ierland S. & W. d'Irlande	(VII bghj)	594	7.0	345	3.3	108	1.2	482	6.4	605	4.6
N.W.Schotland & N.Ierland N.W.d'Ecosse & N.Irlande	(VI a)	74	0.9	102	1.0	205	2.3	41	0.5	10	0.0
Ijslandse Zee Mer d'Islande	(Va 1,2)	4227	49.8	6278	60.3	5126	58.7	2597	34.4	3176	23.6
Barentssee Mer de Barents	(I)	212	2.5	126	1.2	-	-	-	-	-	-
Totaal - Total		8487	100.0	10418	100.0	8740	100.0	7559	100.0	13482	100.0

(1) Bron : Dienst voor de Zeevisserij, Oostende
 (1) Source : Service de la Pêche Maritime, Ostende



KABELJAUW - CABILAUD

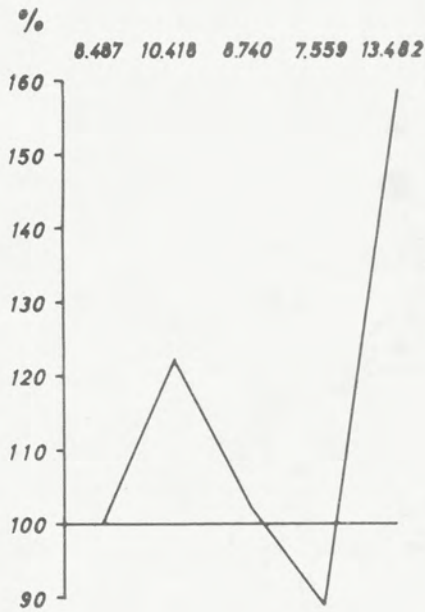


Fig. 1. Jaarlijkse aanvoer in t
Apports annuels en t

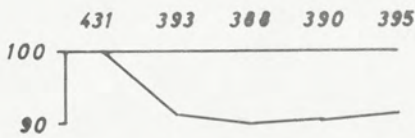


Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navires en activité

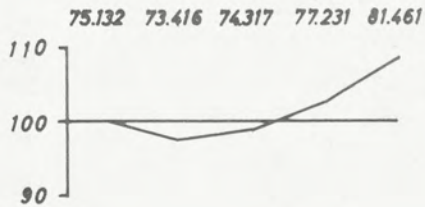


Fig. 3. Drijfkracht (pk)
Force motrice (cv)

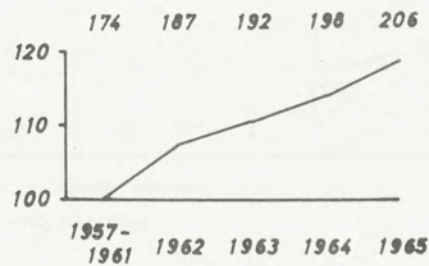


Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cv par navire

QUESTION - ANSWER

1. A line graph showing the temperature of water during its boiling process.



2. A line graph showing the change in the volume of a gas when it is heated.



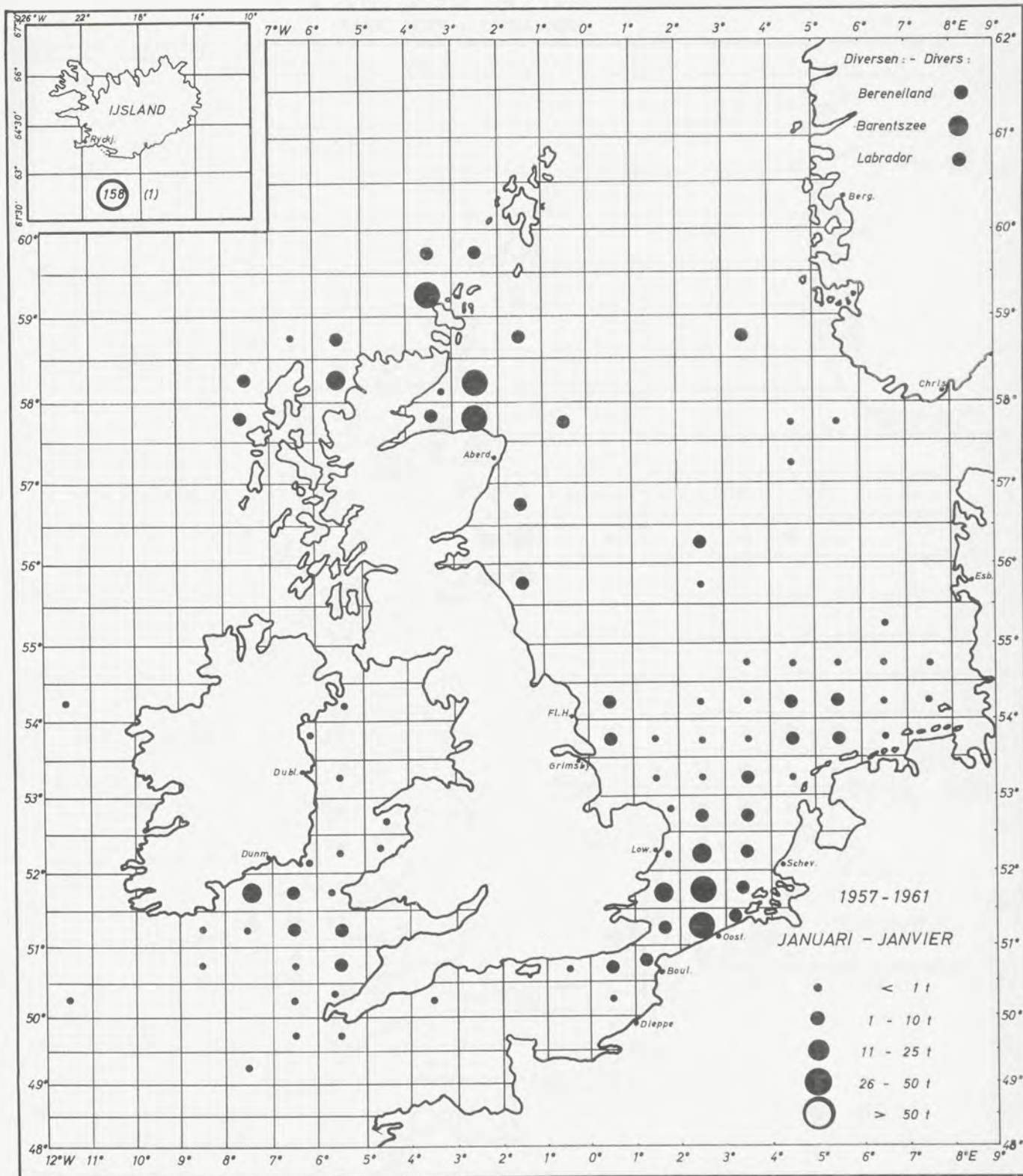
3. A line graph showing the change in the mass of a substance when it is heated.



4. A line graph showing the change in the volume of a gas when it is cooled.



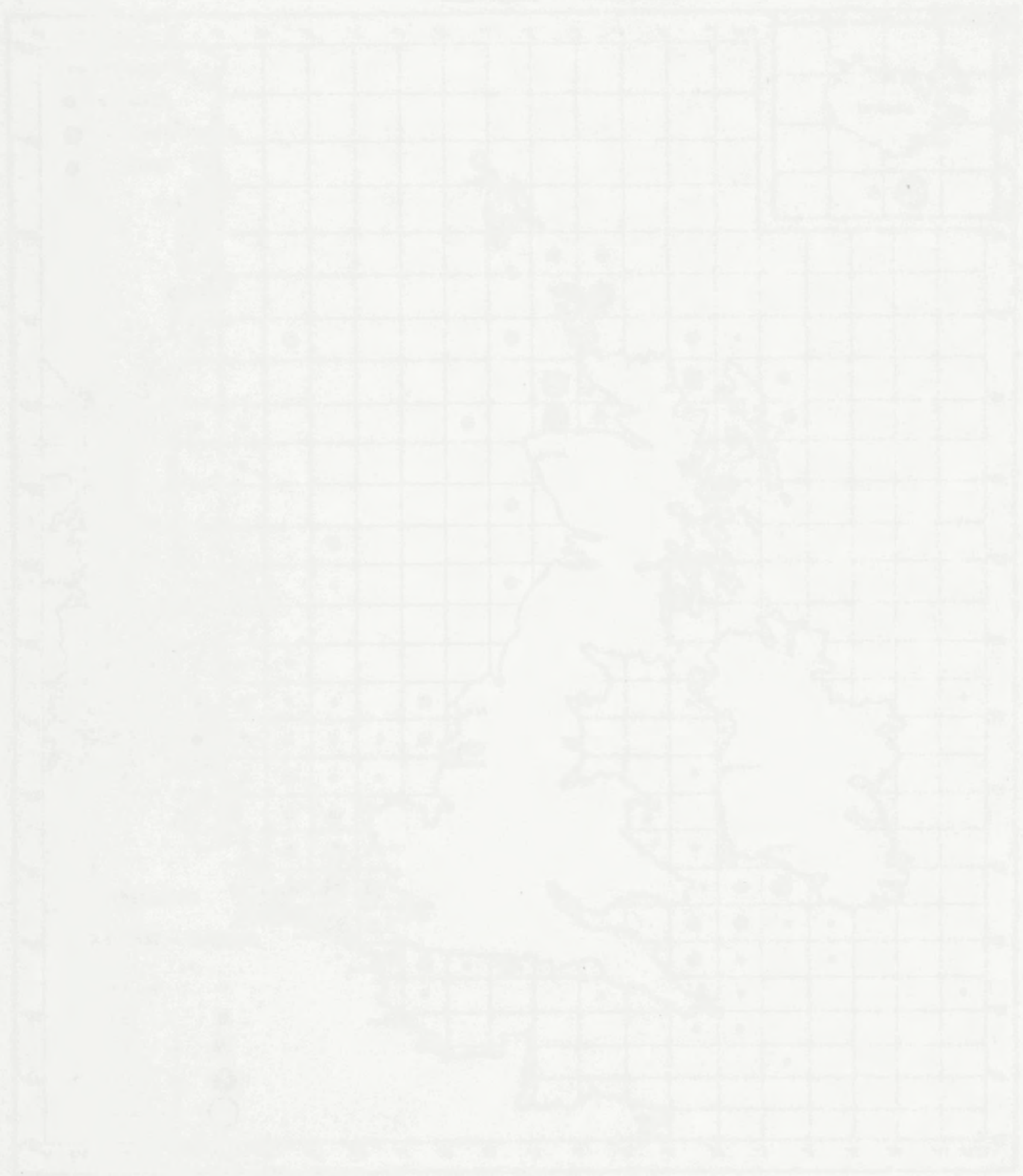
KABELJAUW - CABILLAUD



(1) Totaal van de ijslandse wateren

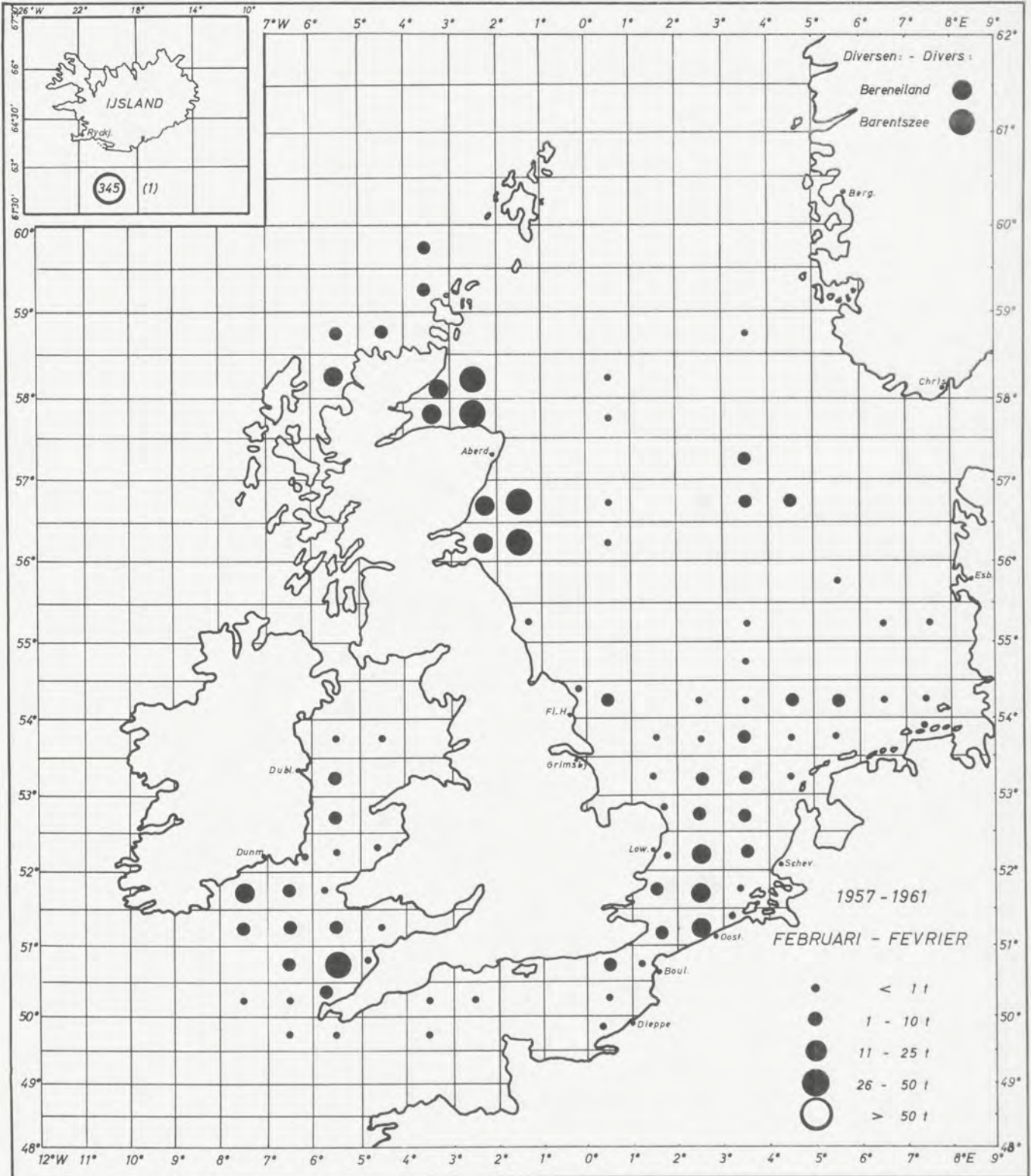
(1) Total des eaux islandaises

Map of the United States



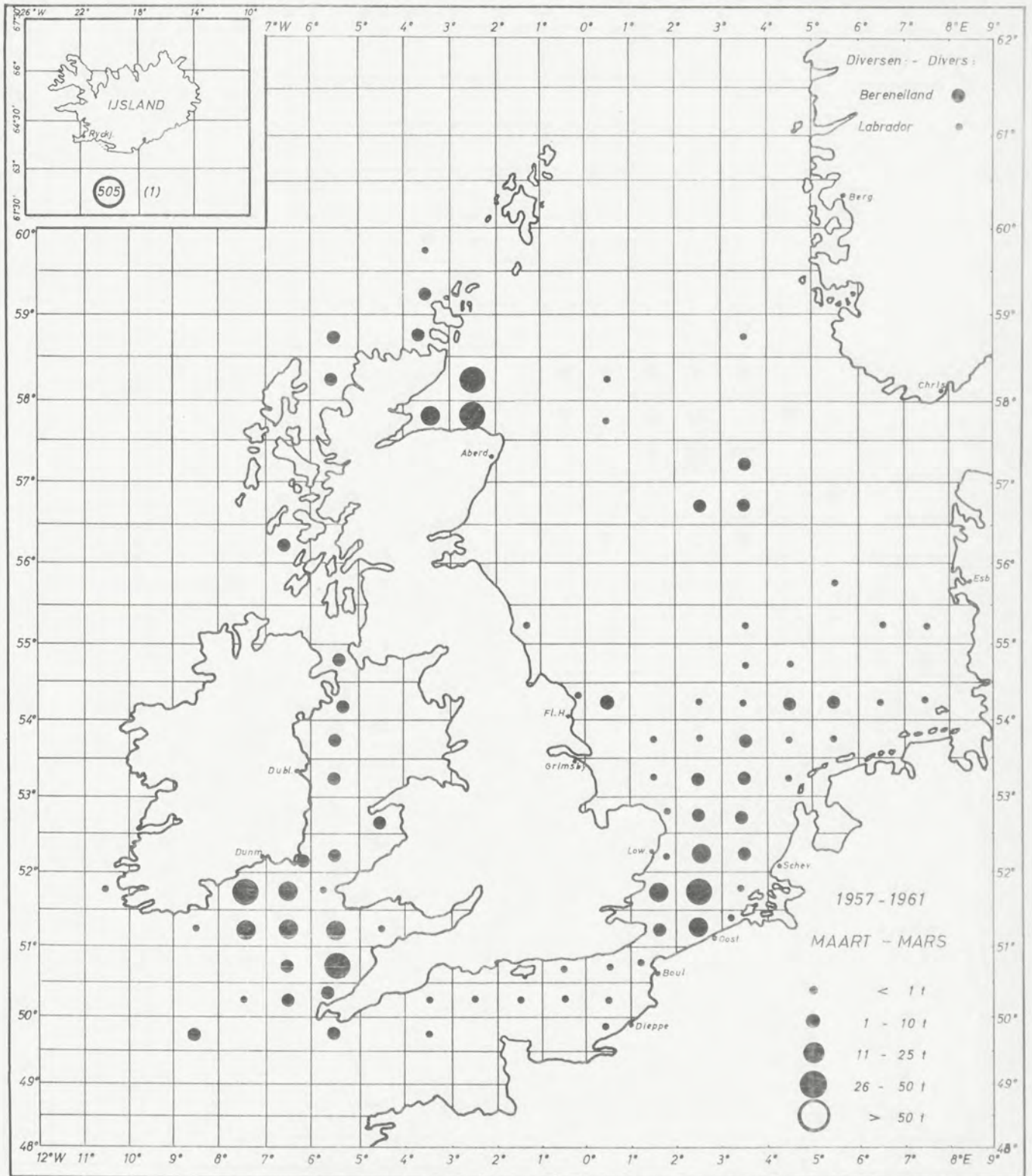
Scale: 1 inch = 100 miles
Source: USGS

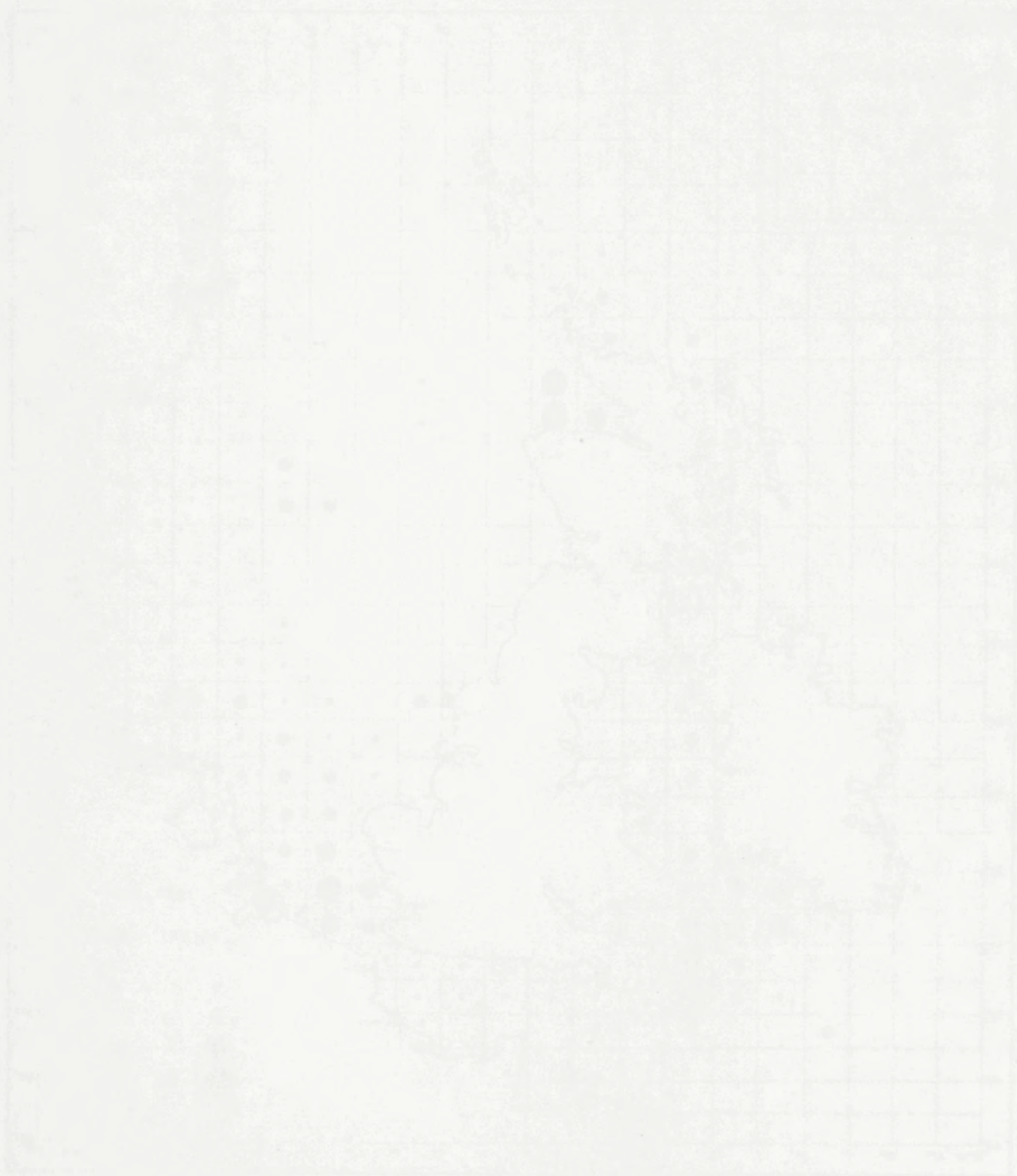
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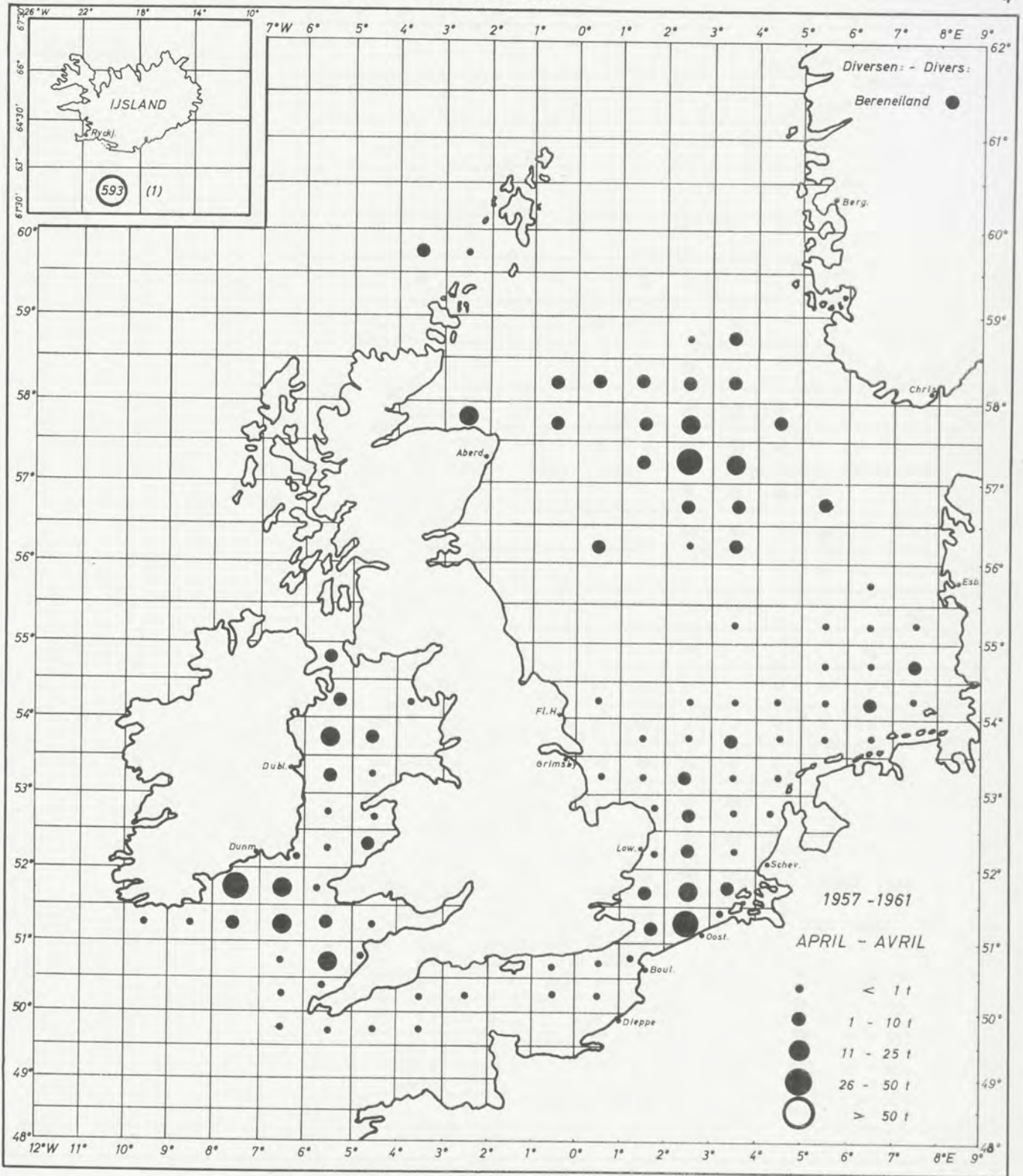


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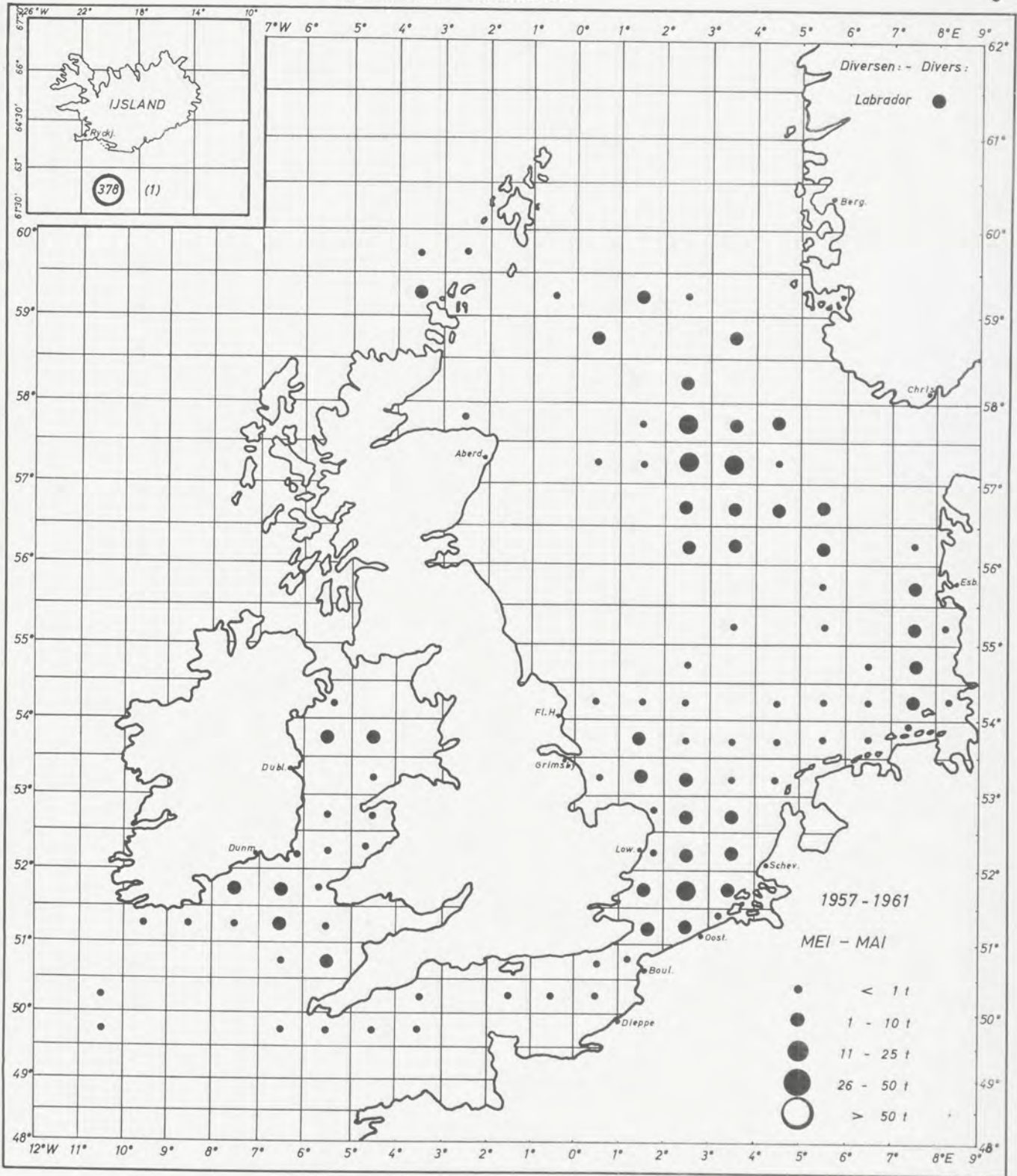




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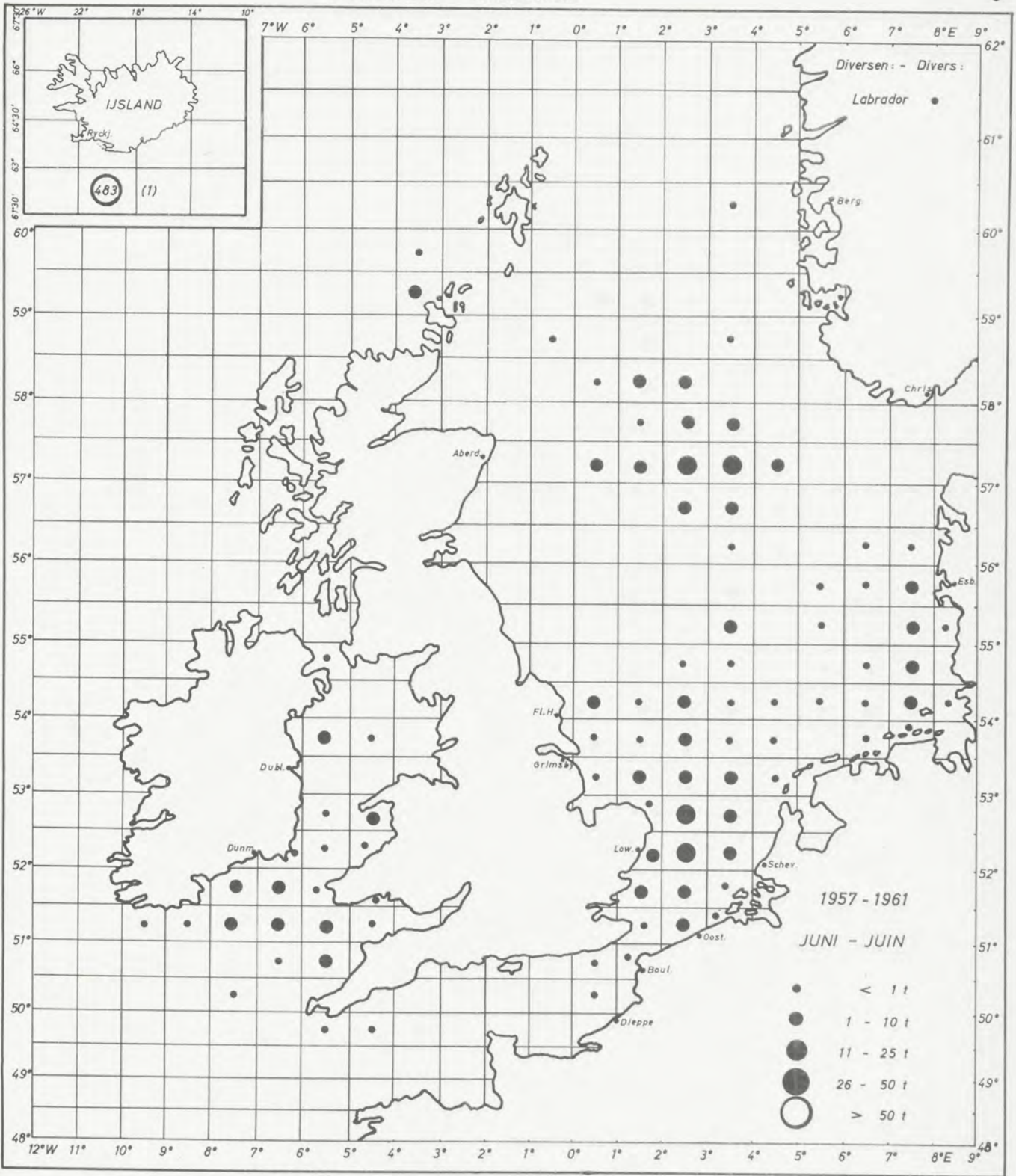
KABELJAUW - CABILLAUD



Map of the Philippines



KABELJAUW - CABILLAUD

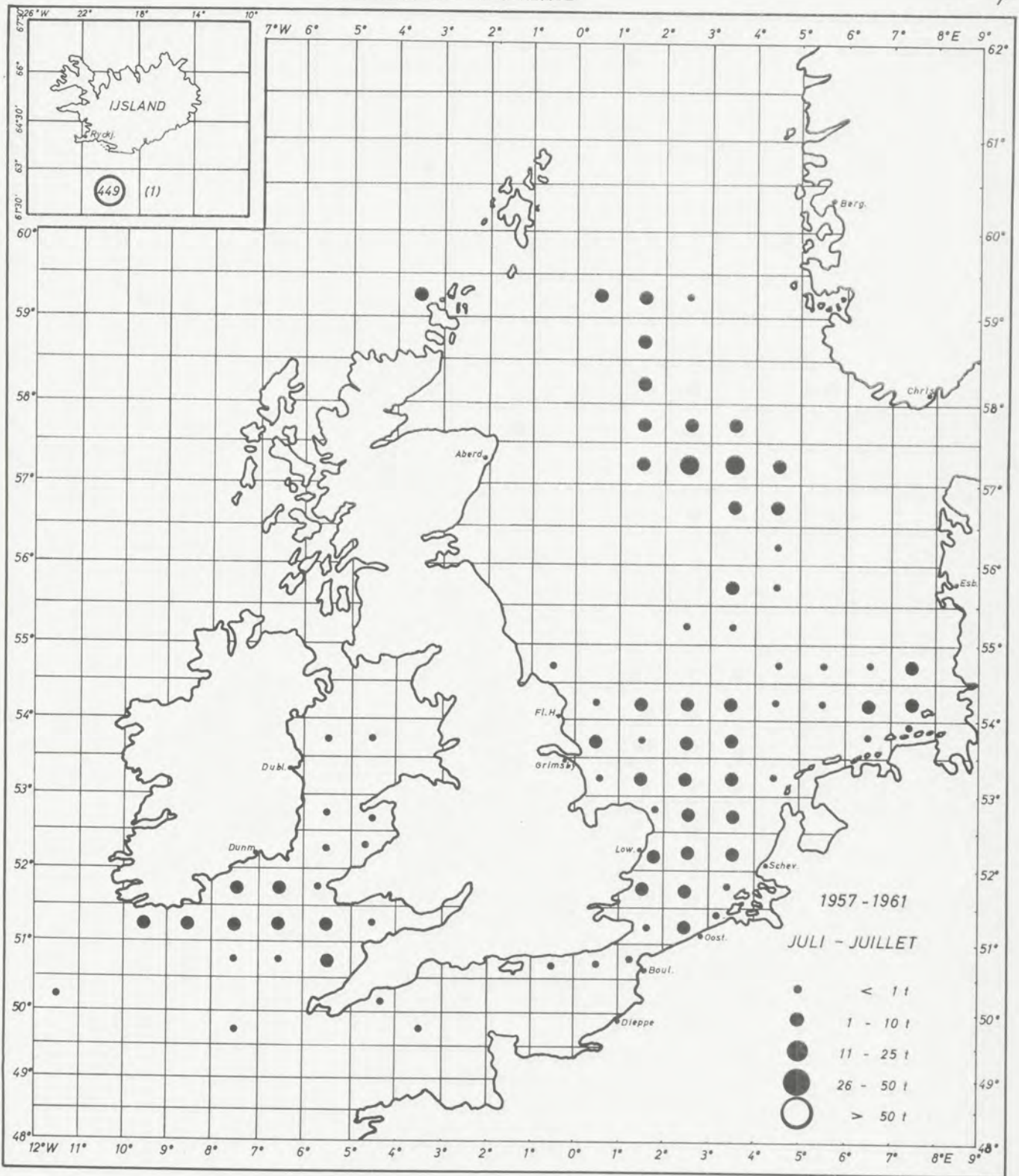


1950-1951

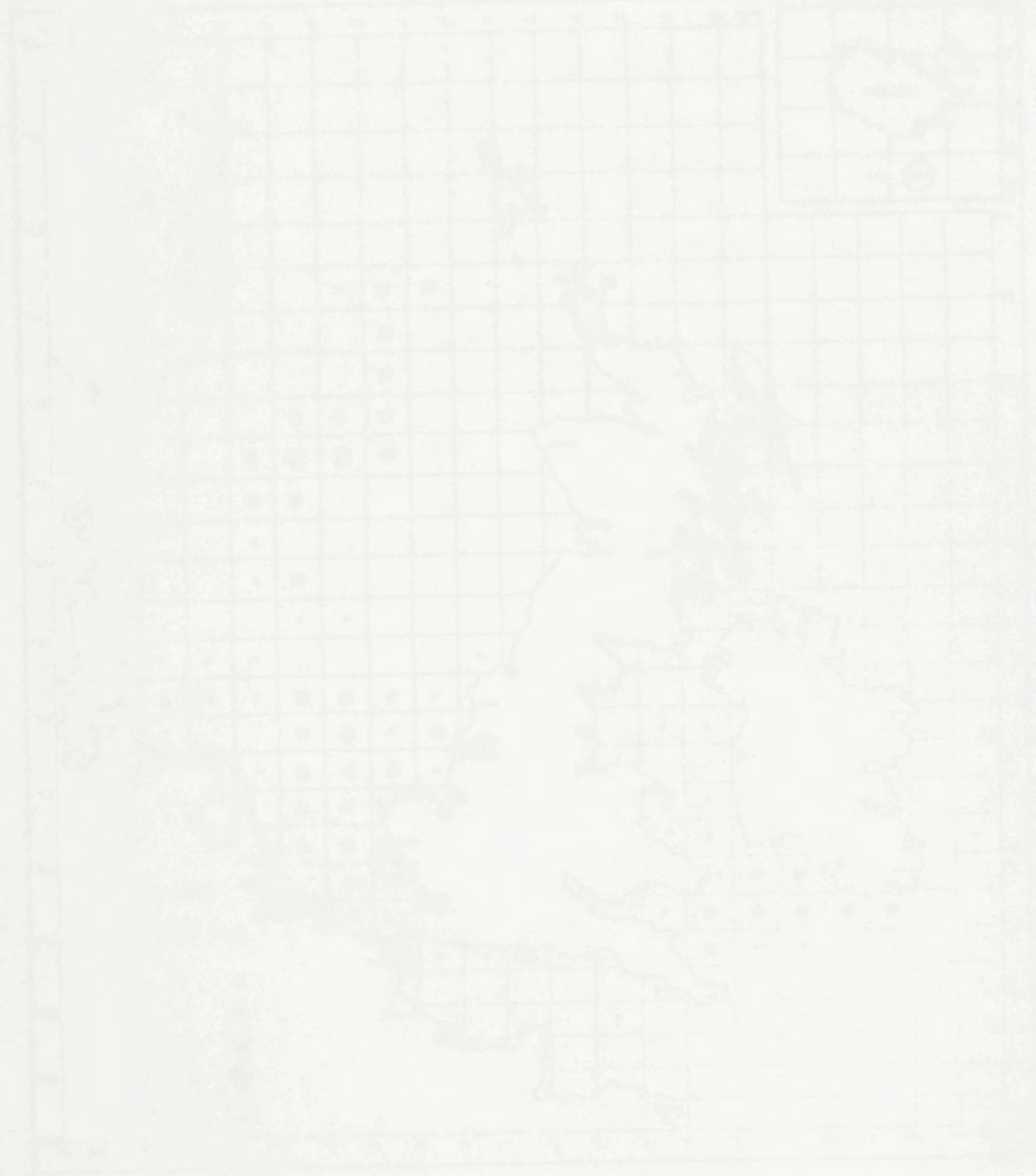


1950-1951

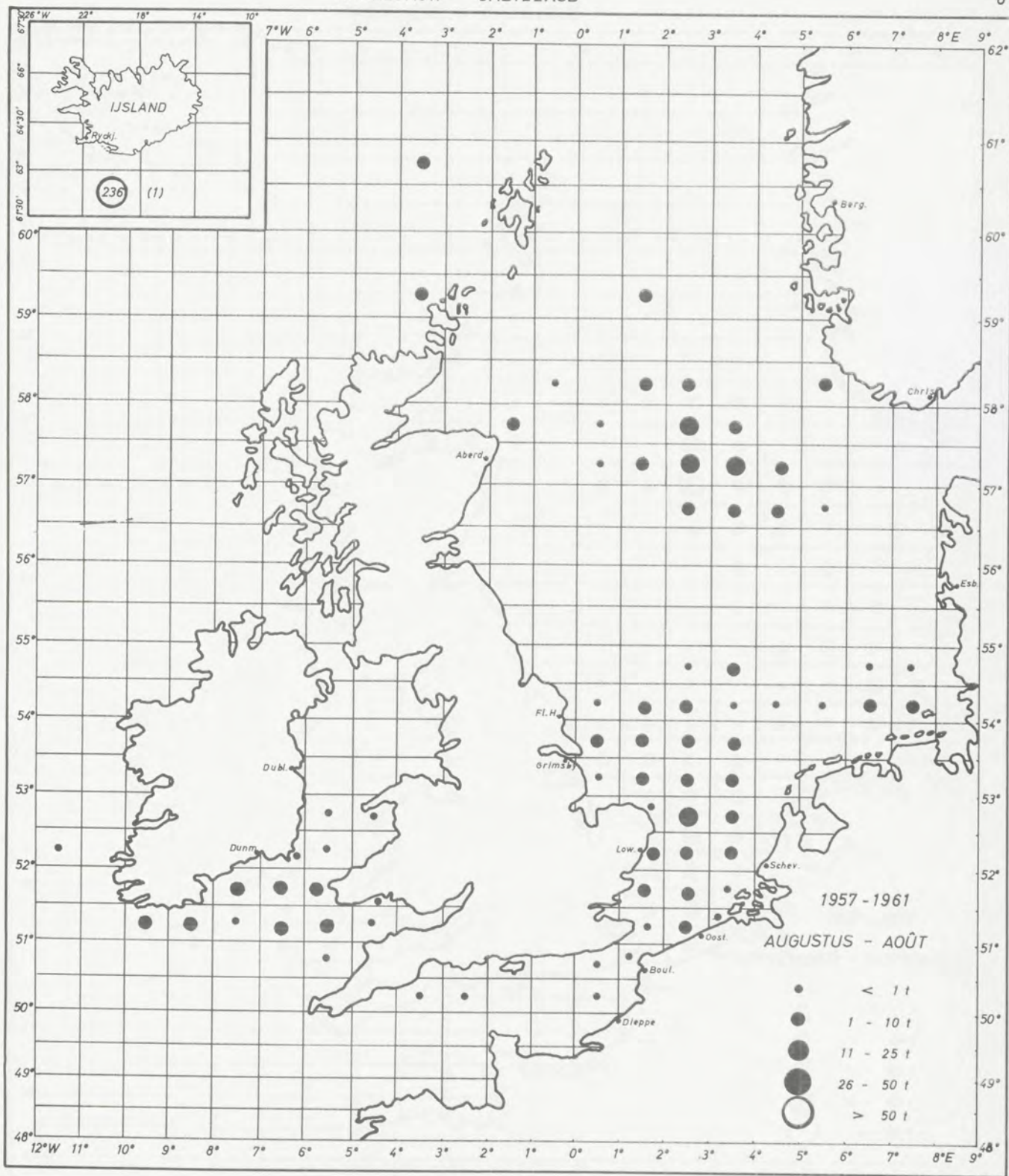
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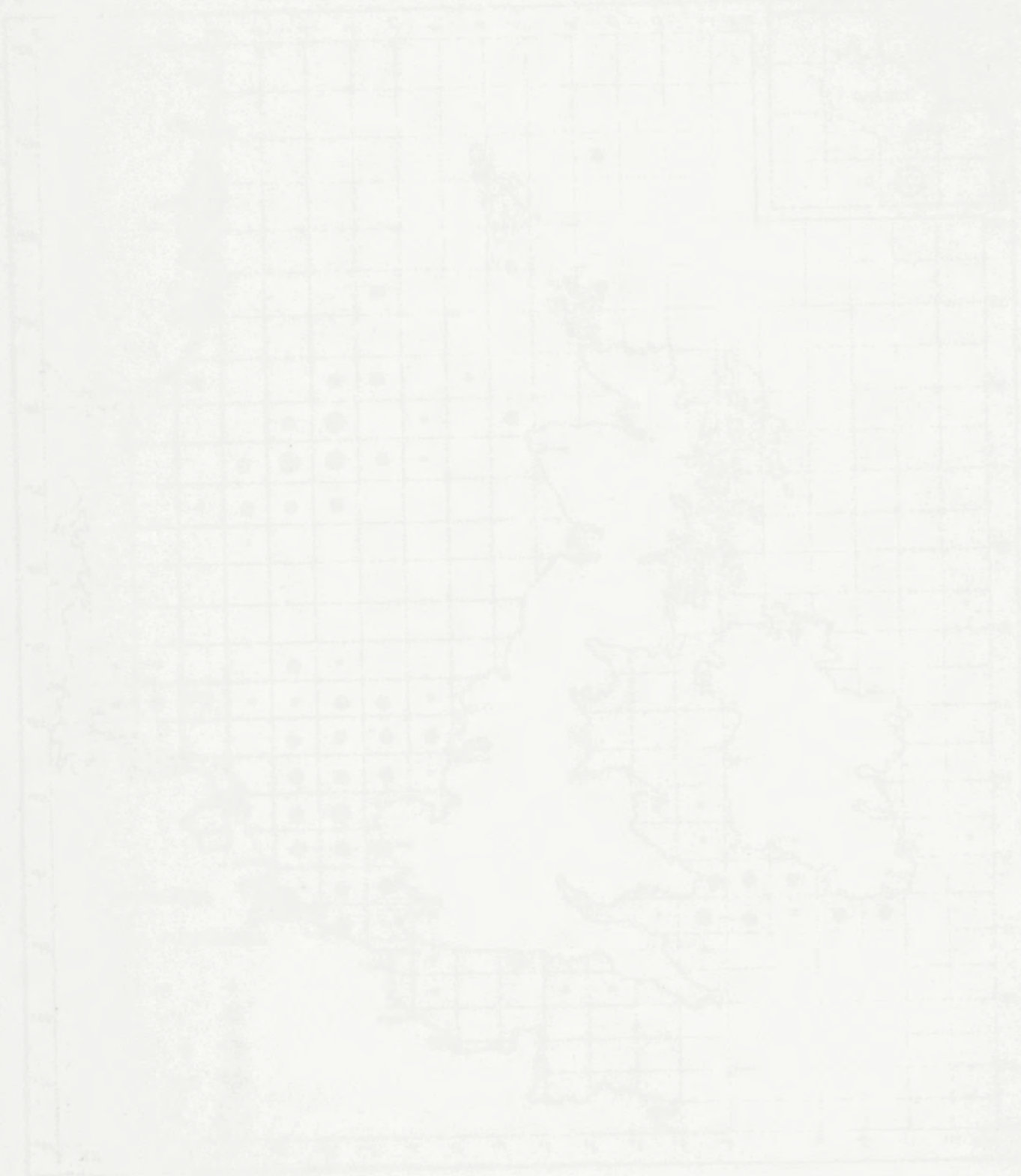


1954 - 1955

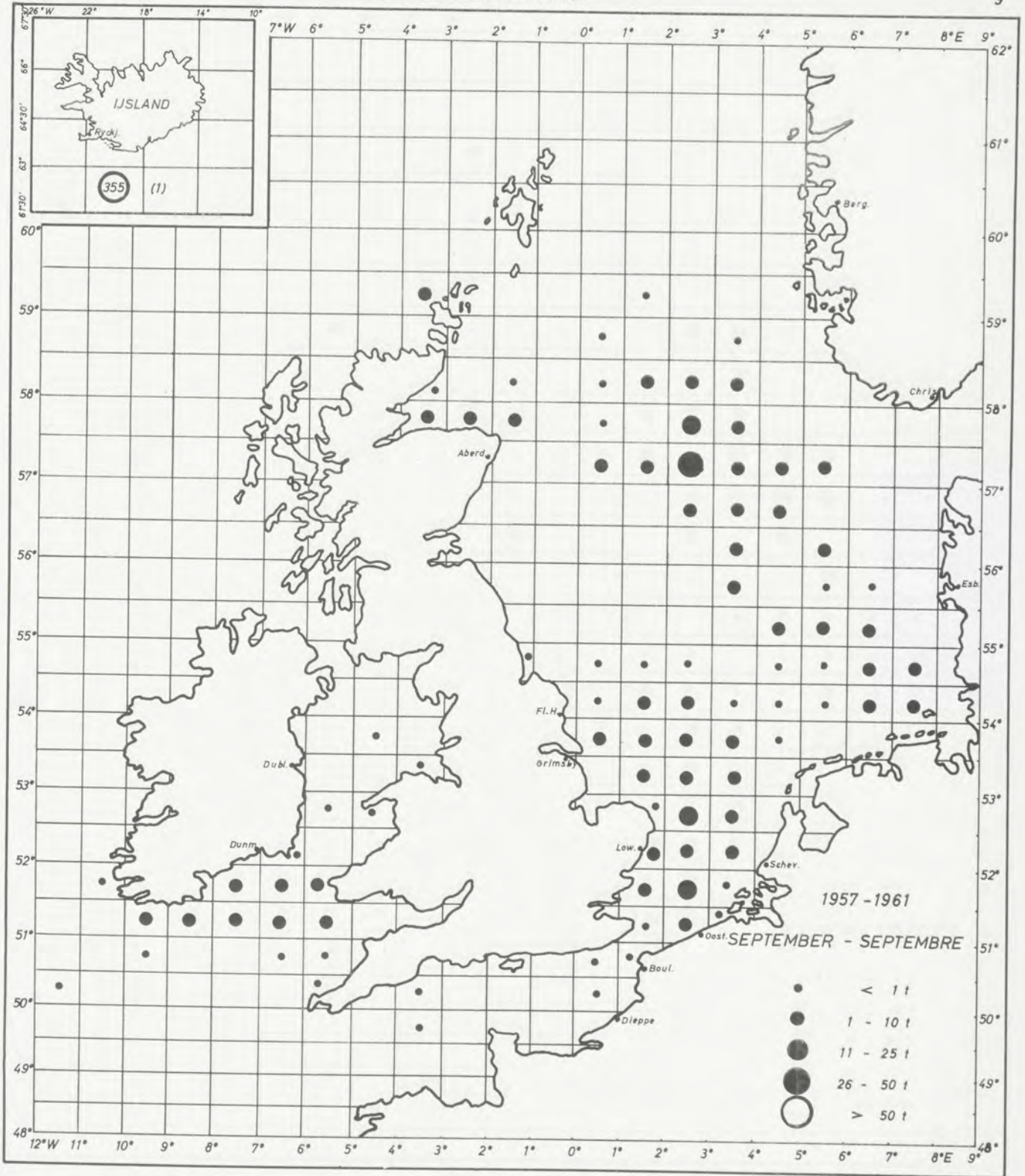


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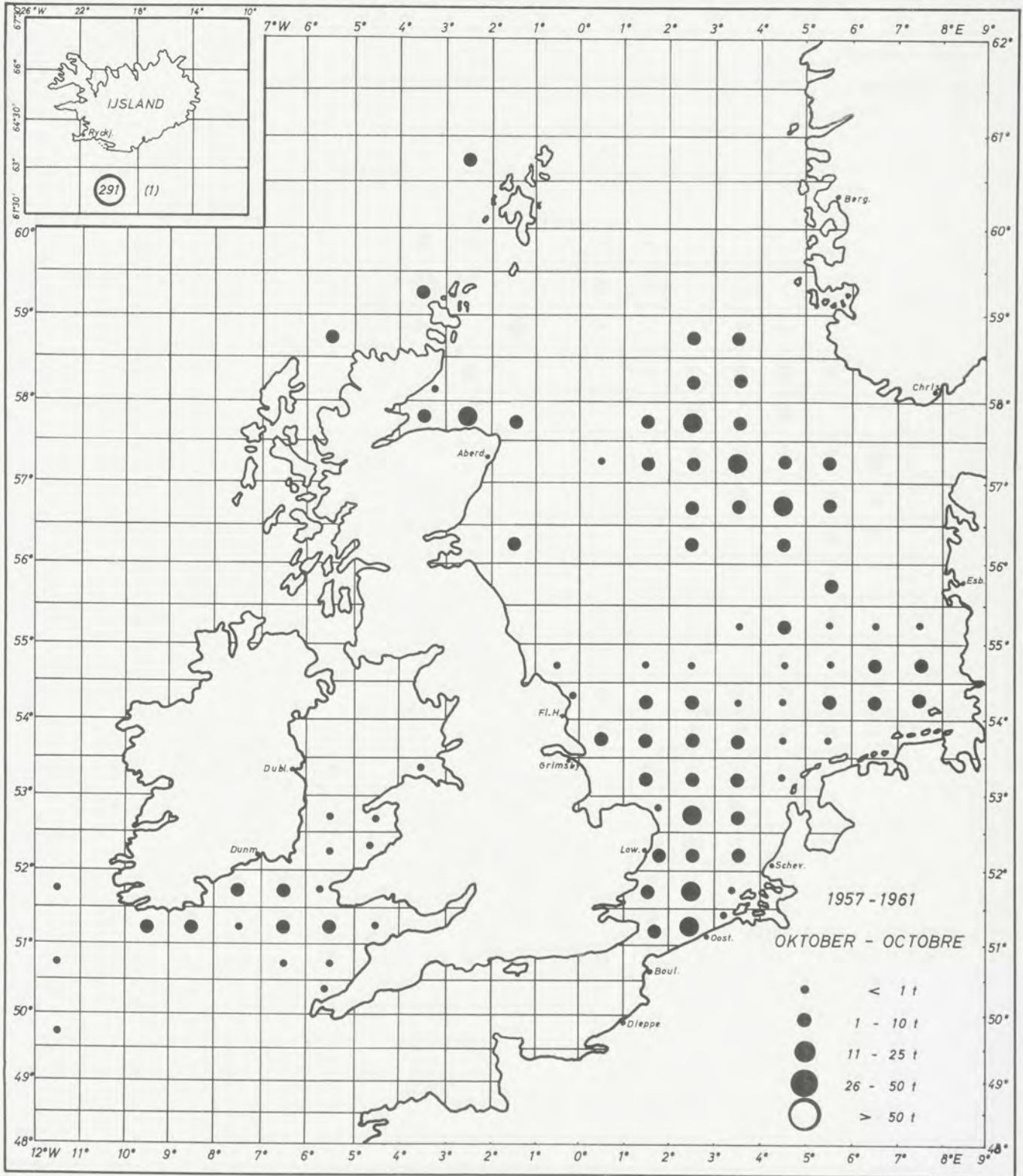




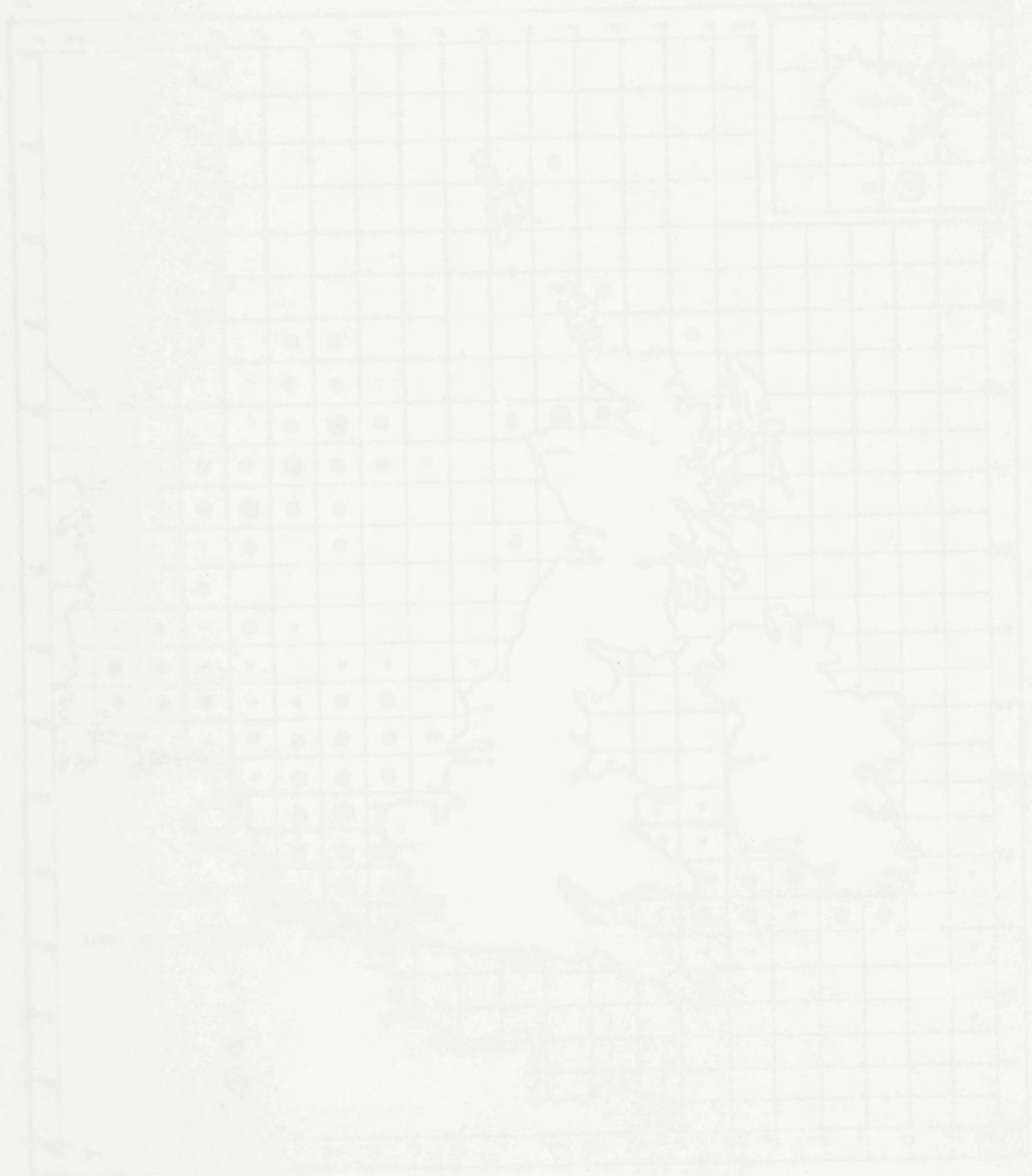
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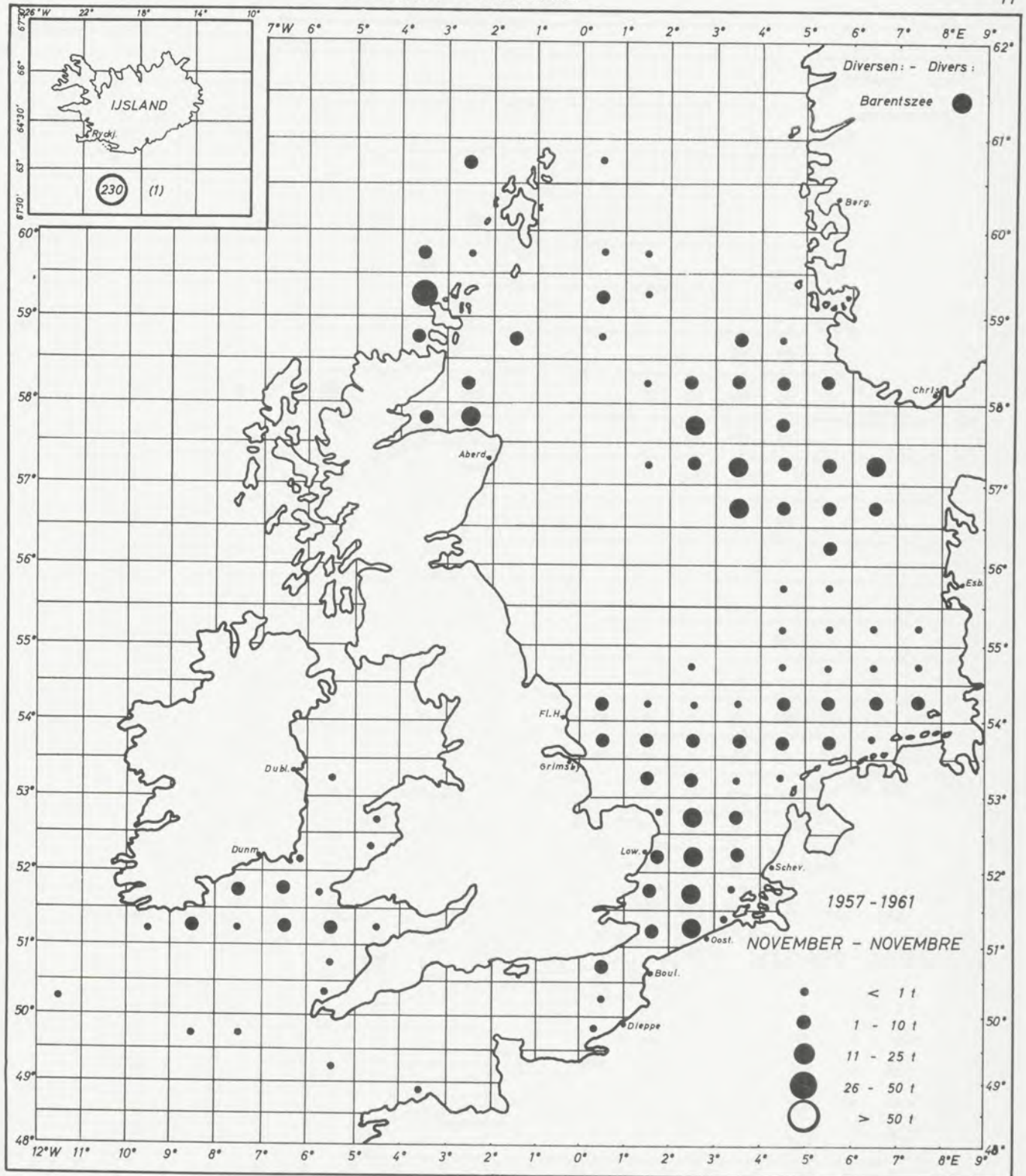
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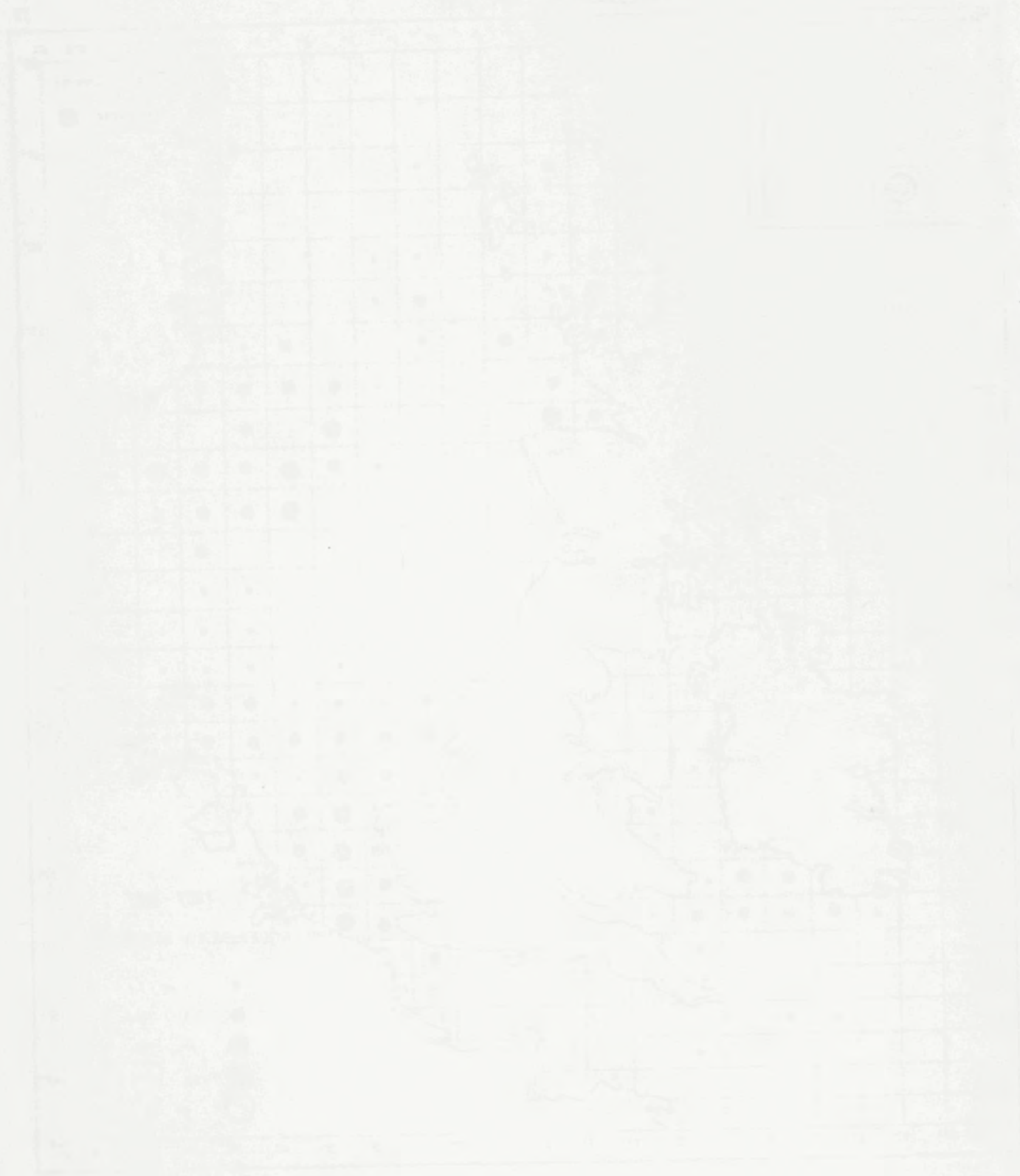


Map of the United States

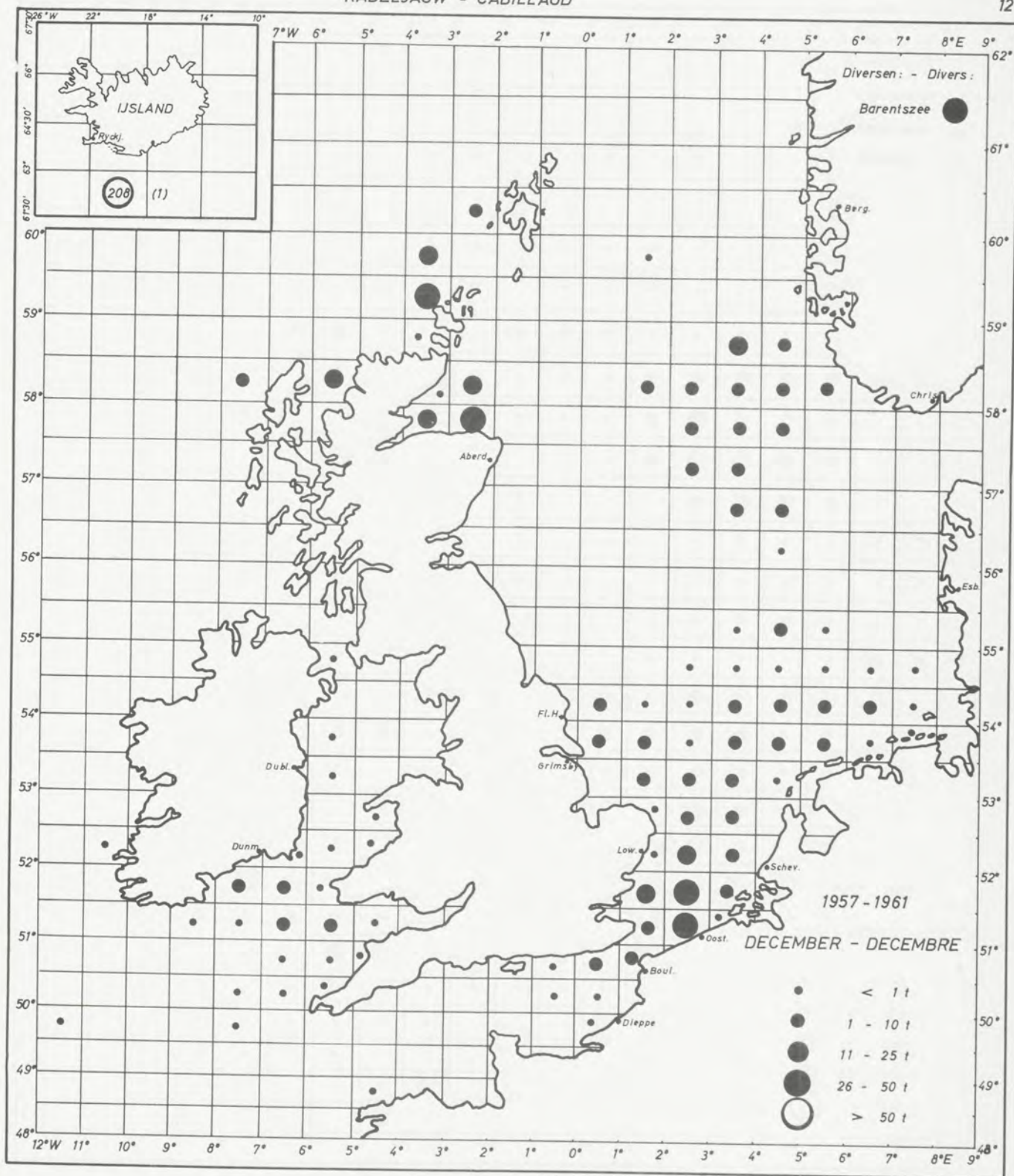


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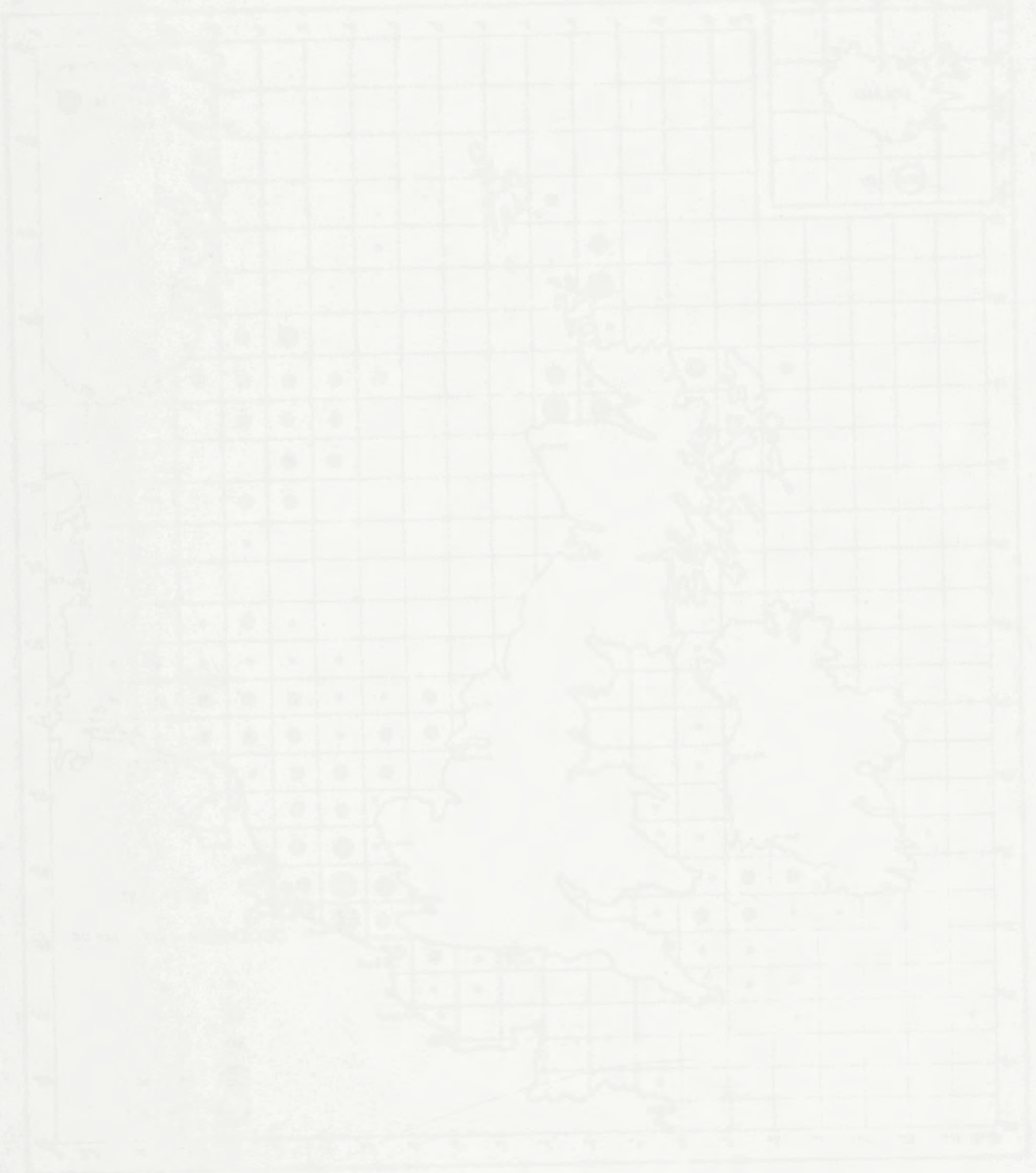




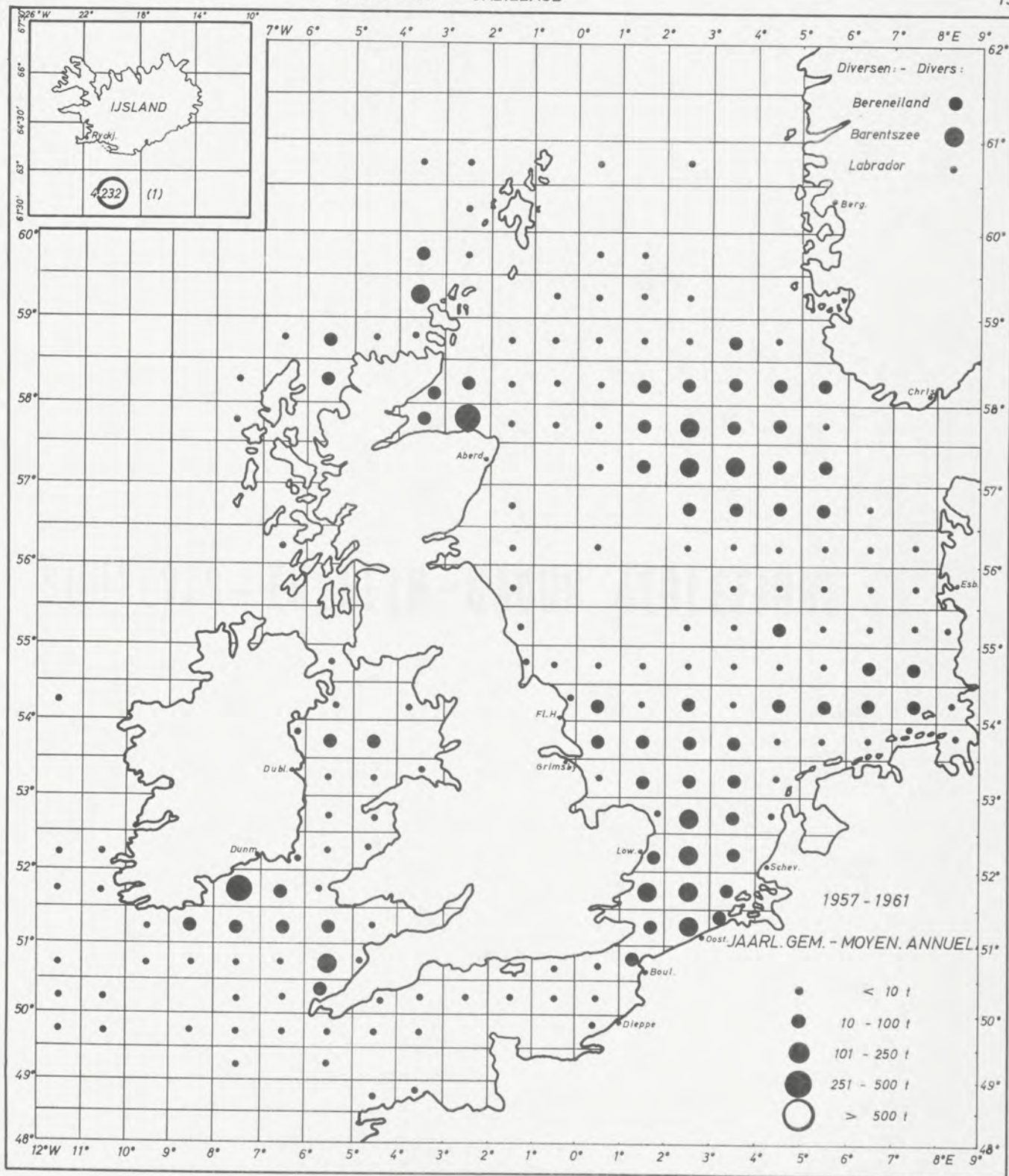
KABELJAUW - CABILLAUD



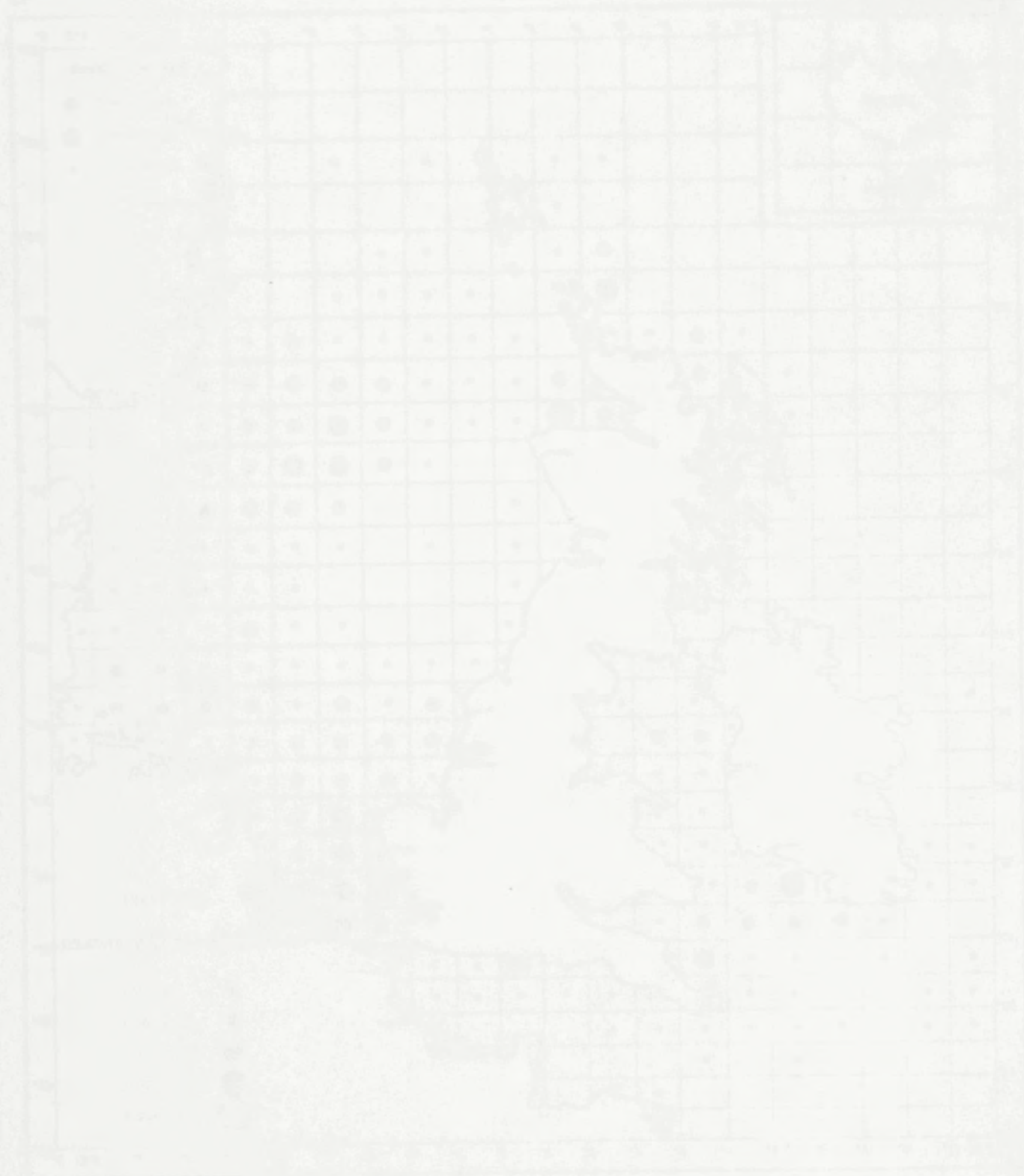
Map of the world - 1967



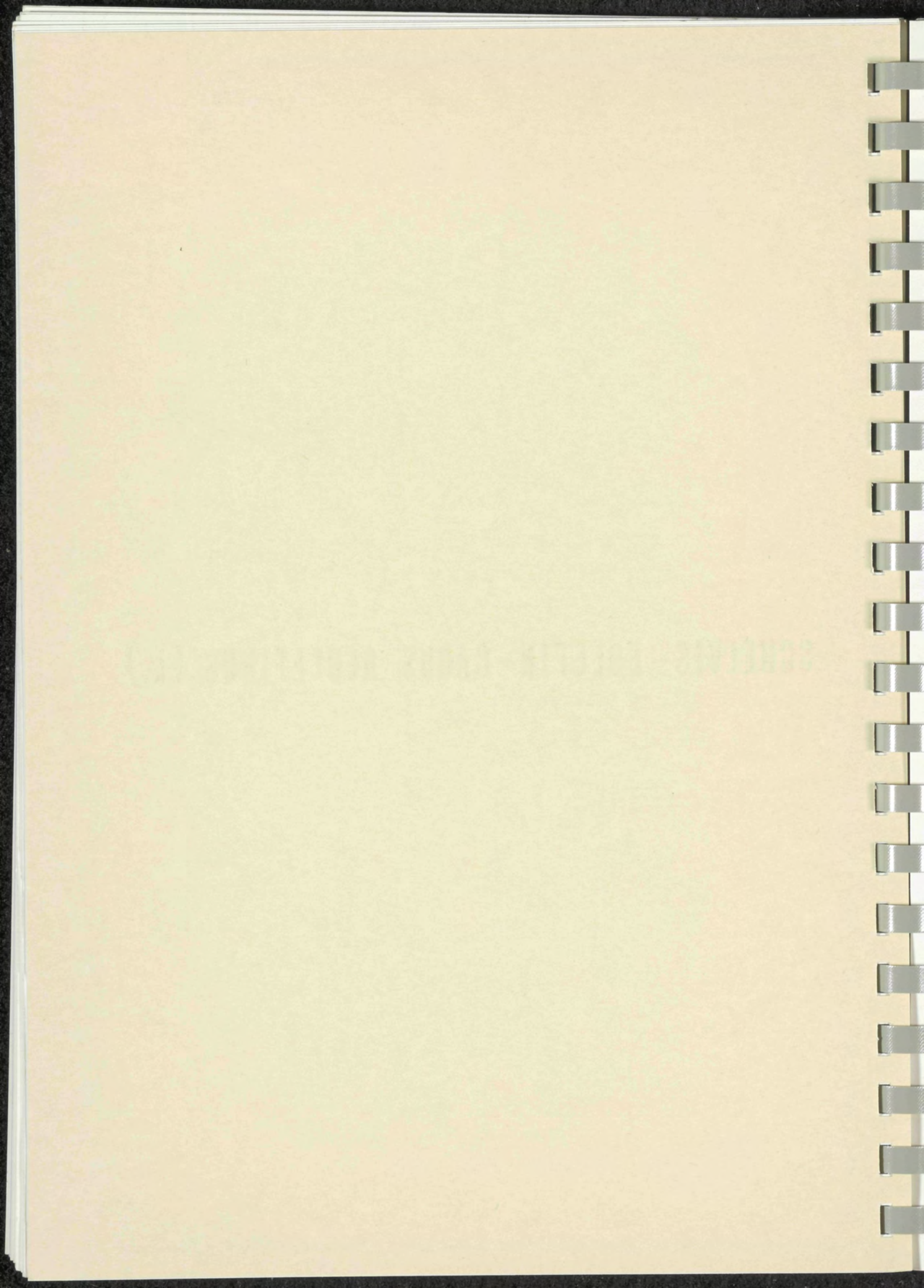
KABELJAUW - CABILLAUD



Map of the United States



SCHELVIS-EGLEFIN-CADUS AEGLEFINUS (L.)



Tabel I - SCHELVIS- Indeling van de jaarlijkse vangst volgens de gebieden (1)

Tableau I - EGLEFIN - Répartition des pêches annuelles d'après les régions (1)

Gebieden Régions	Kaart A Carte A	1957 - 1961		1962		1963		1964		1965	
		t	%	t	%	t	%	t	%	t	%
N.Z. Zuid M.N. Méridionale	(IV c)	4	0.1	7	0.2	115	4.3	275	8.1	106	3.9
N.Z. Midden M.N. Centrale	(IV b)	280	7.3	350	9.7	665	25.0	1549	45.9	1055	39.1
N.Z. Noord M.N. Septentrionale	(IV a)	395	10.3	110	3.1	162	6.1	189	5.6	153	5.7
Engels Kanaal Manche	(VII d.e.)	-	-	-	-	3	0.1	13	0.4	10	0.4
Ierse Zee en G. Bristol Kan. M. d'Irlande & G. Bristol	(VII a.f.)	12	0.3	3	0.1	79	3.0	241	7.1	110	4.0
Z. en W. Ierland S. et W. d'Irlande	(VII bghj)	222	5.8	5	0.2	37	1.4	397	11.8	207	7.7
N.W.Schotland & N.Ierland N.W.d'Ecosse & N.Irlande	(VI a)	-	-	17	0.4	10	0.4	18	0.5	10	0.4
Ijslandse Zee Mer d'Islande	(Va1,2)	2873	74.9	3083	85.5	1584	59.7	694	20.6	1047	38.8
Barentssee Mer de Barents	(I)	50	1.3	30	0.8	-	-	-	-	-	-
Totaal - Total		3836	100.0	3605	100.0	2655	100.0	3376	100.0	2698	100.0

(1) Bron : Dienst voor de Zeevisserij, Oostende

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

1. The first part of the book is devoted to a general introduction to the subject of the book.

2. The second part of the book is devoted to a detailed study of the various aspects of the subject.

3. The third part of the book is devoted to a study of the various aspects of the subject.

4. The fourth part of the book is devoted to a study of the various aspects of the subject.

5. The fifth part of the book is devoted to a study of the various aspects of the subject.

6. The sixth part of the book is devoted to a study of the various aspects of the subject.

7. The seventh part of the book is devoted to a study of the various aspects of the subject.

8. The eighth part of the book is devoted to a study of the various aspects of the subject.

9. The ninth part of the book is devoted to a study of the various aspects of the subject.

10. The tenth part of the book is devoted to a study of the various aspects of the subject.

11. The eleventh part of the book is devoted to a study of the various aspects of the subject.

12. The twelfth part of the book is devoted to a study of the various aspects of the subject.

13. The thirteenth part of the book is devoted to a study of the various aspects of the subject.

14. The fourteenth part of the book is devoted to a study of the various aspects of the subject.

15. The fifteenth part of the book is devoted to a study of the various aspects of the subject.

SCHELVIS - EGLEFIN

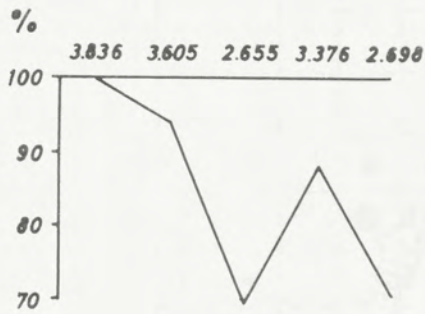


Fig. 1. Jaarlijkse aanvoer in t
Apports annuels en t

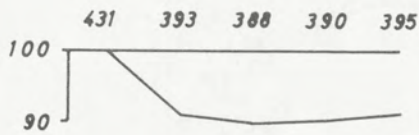


Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navires en activité

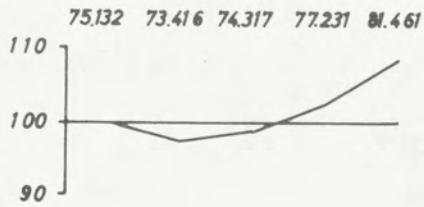


Fig. 3. Drijfkracht (pk)
Force motrice (cx)

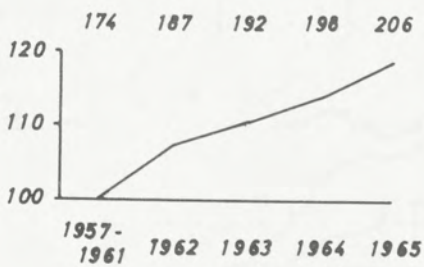
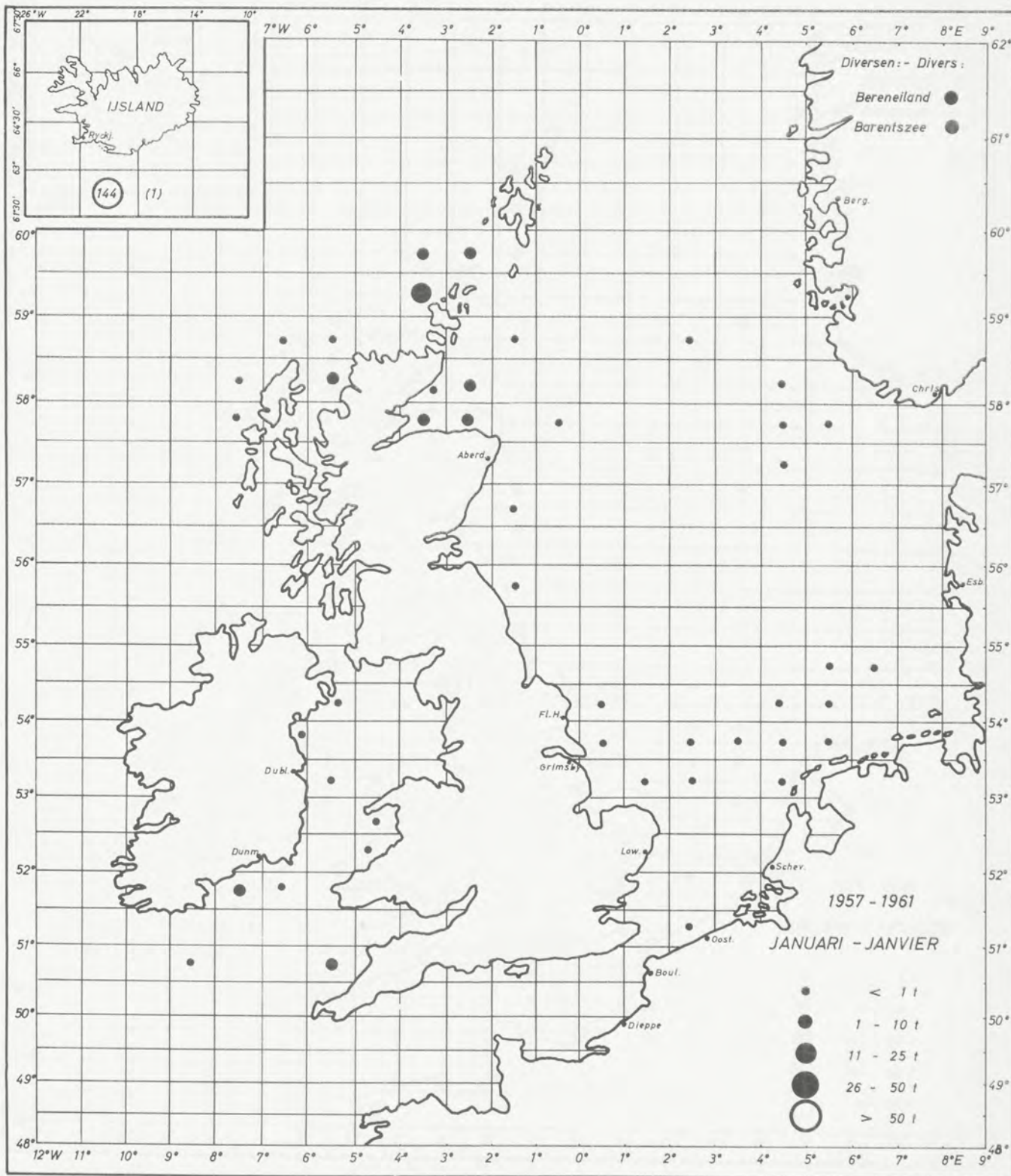


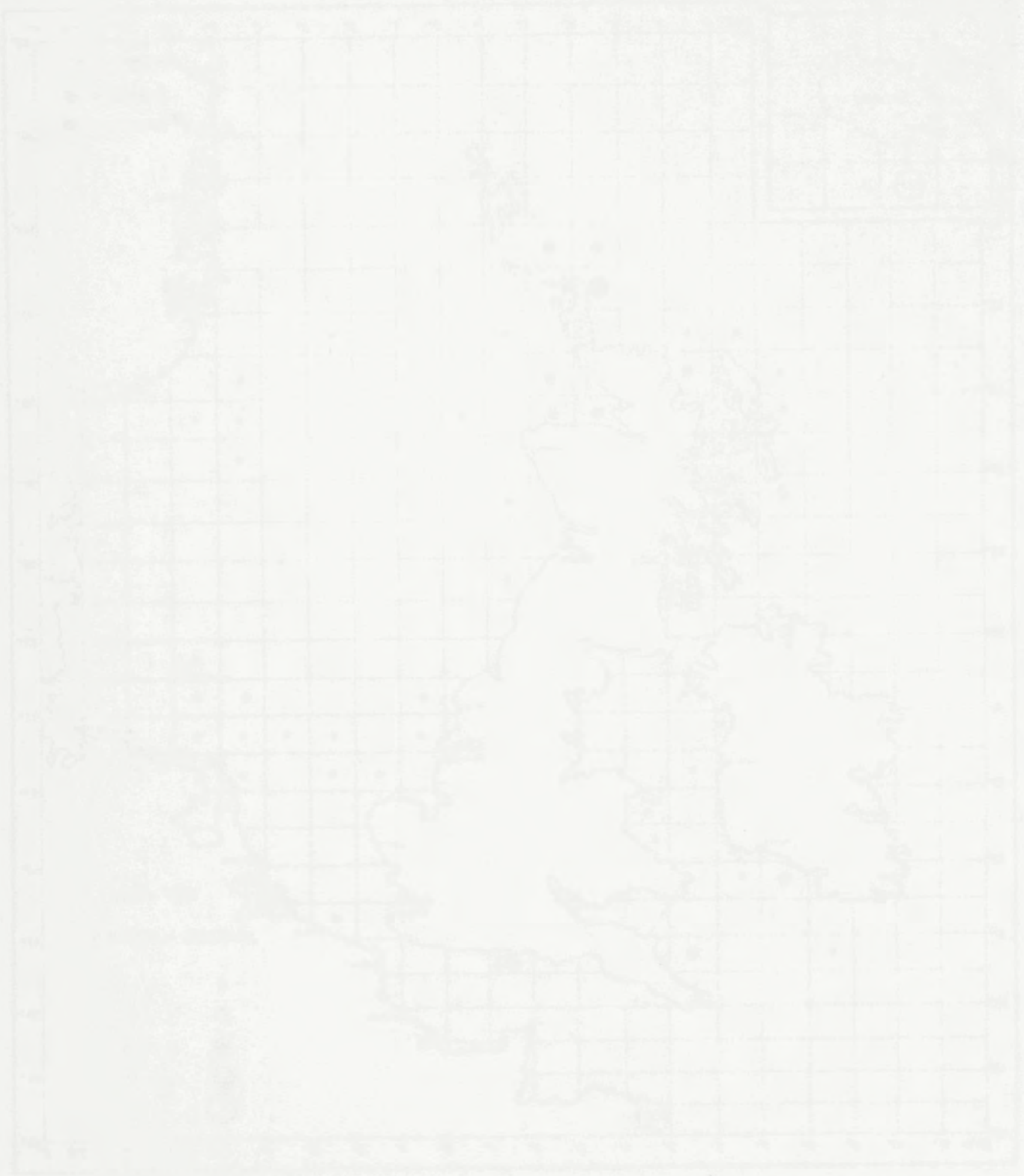
Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cx par navire

SCHELVIS - EGLEFIN

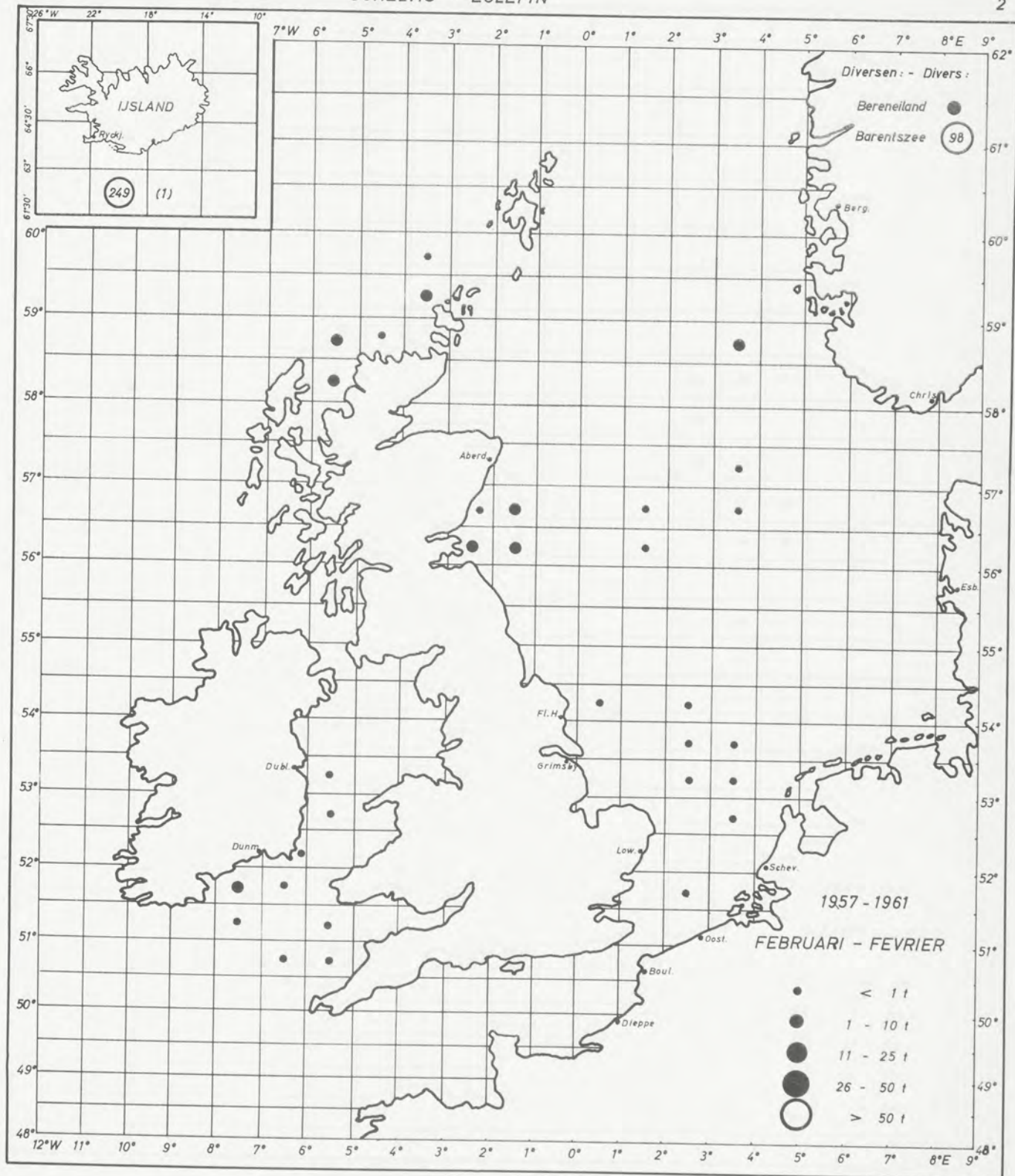


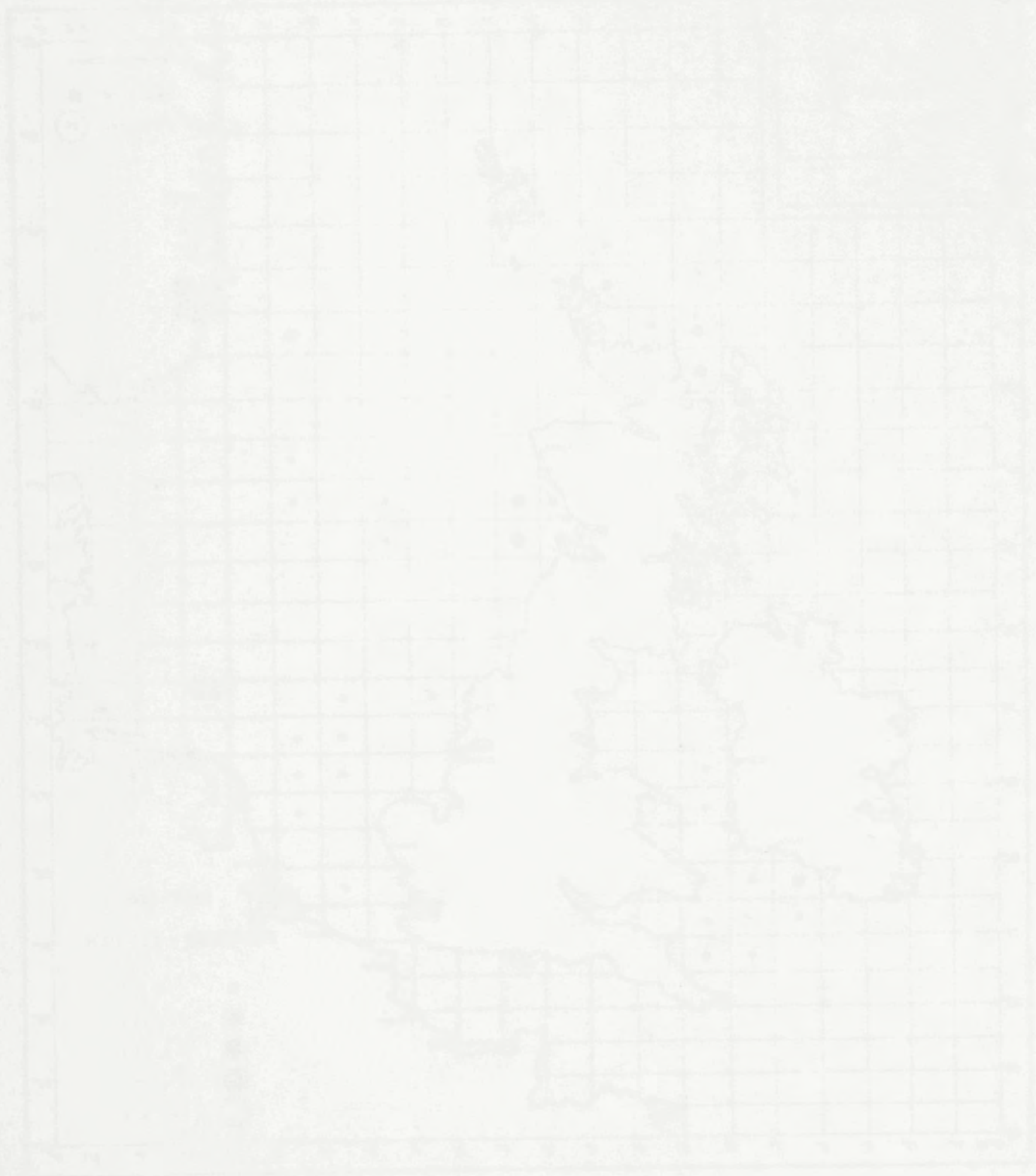
(1) Totaal van de ijslandse wateren

(1) Total des eaux islandaises

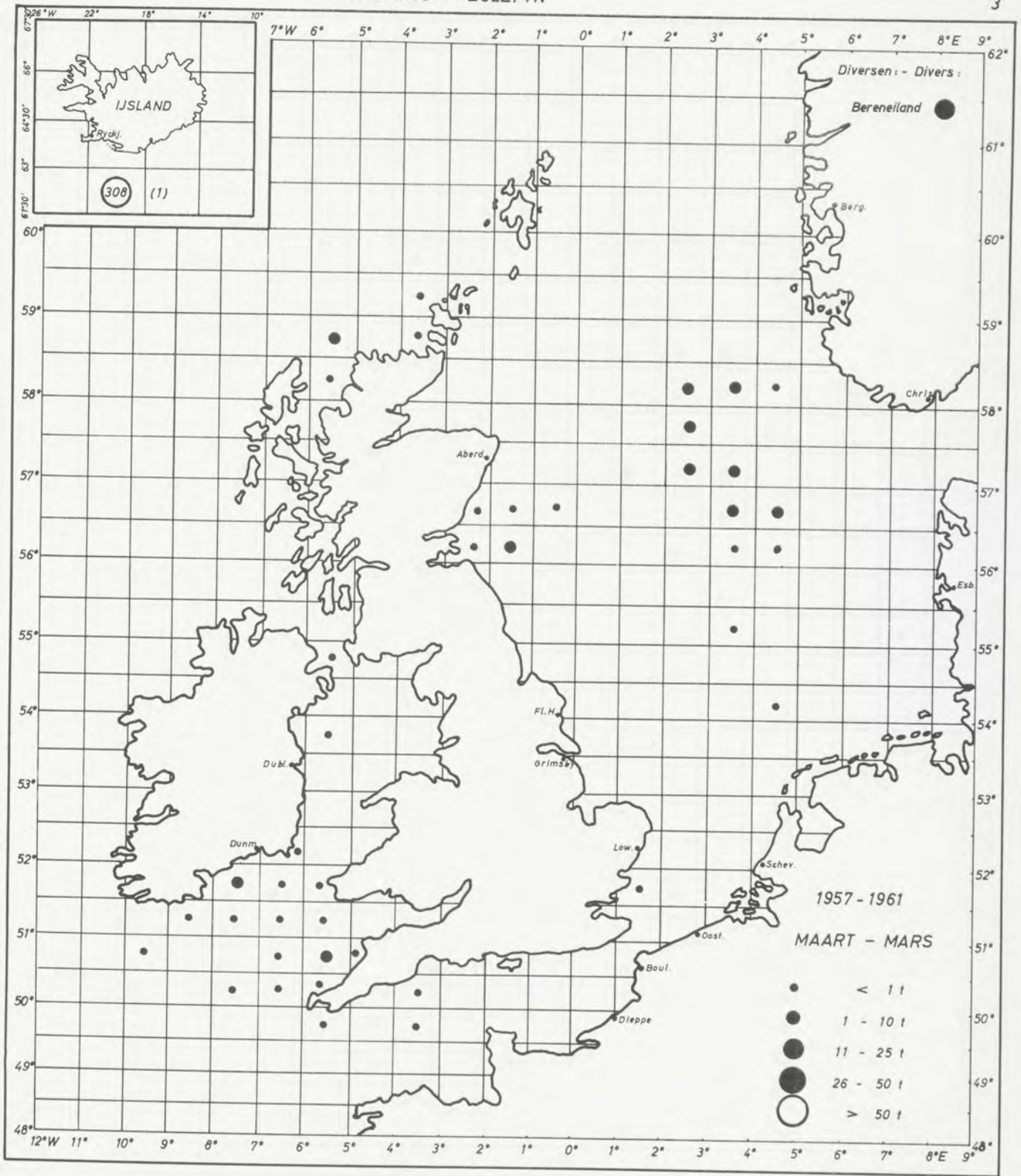


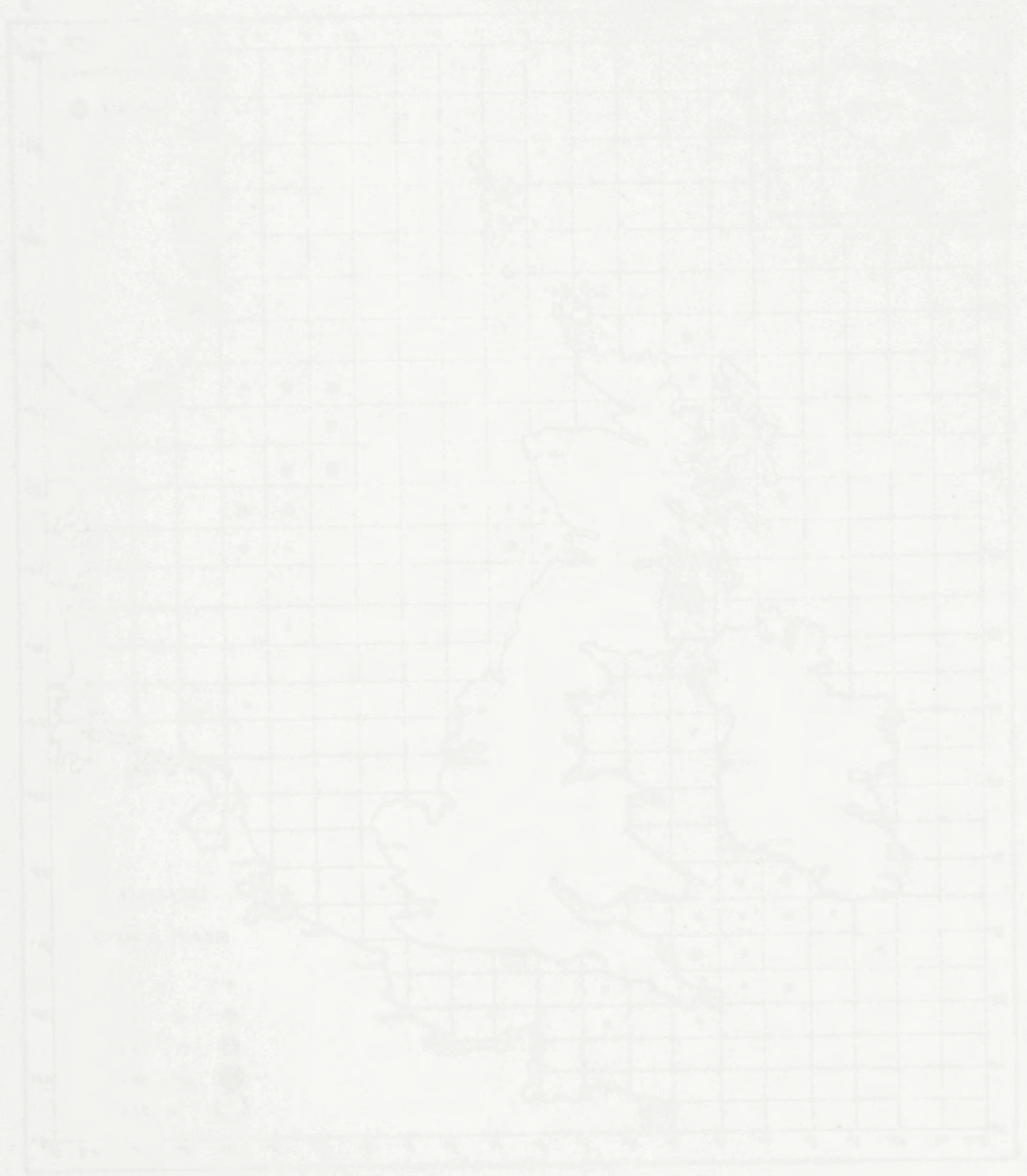
SCHELVIS - EGLEFIN



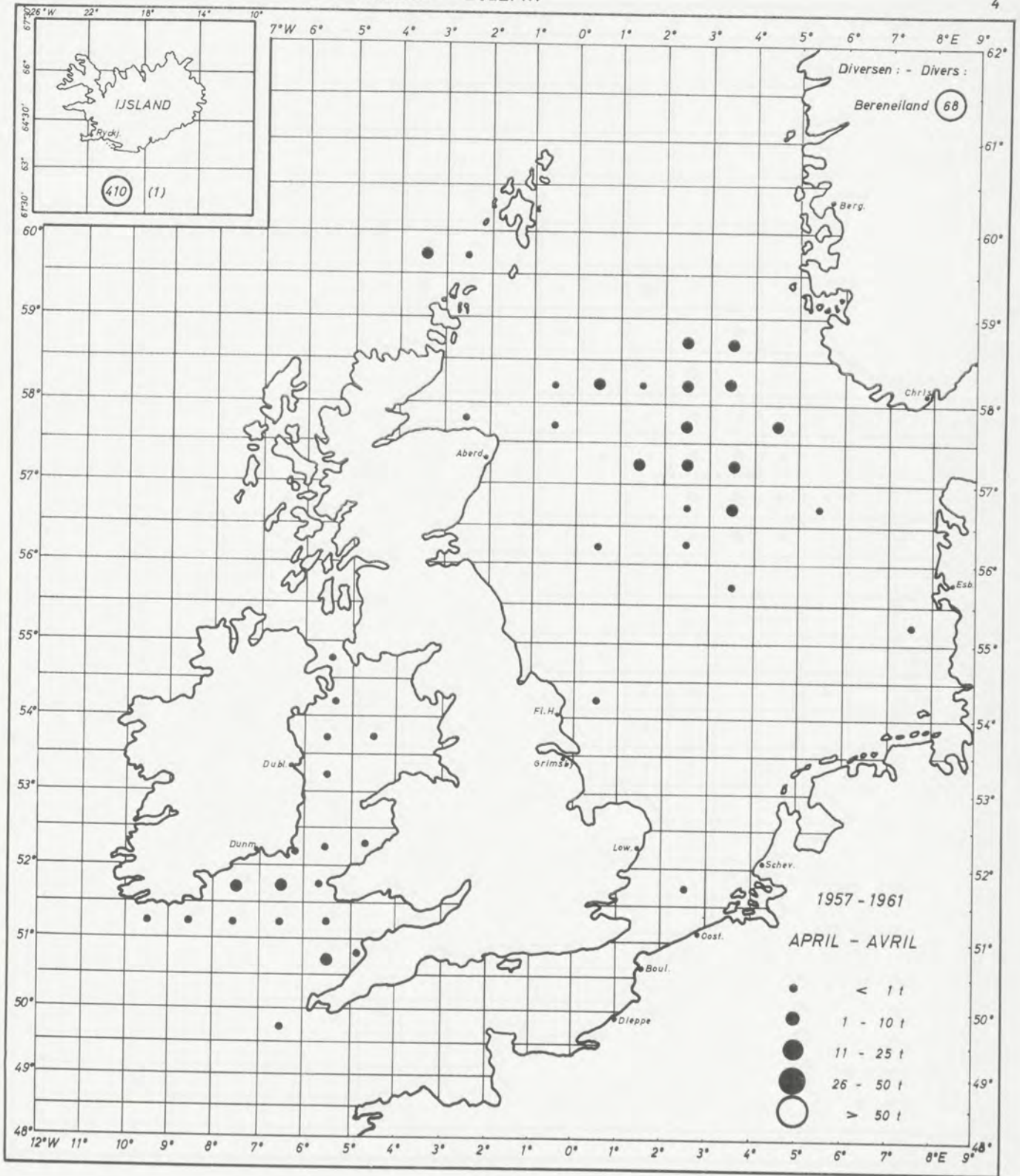


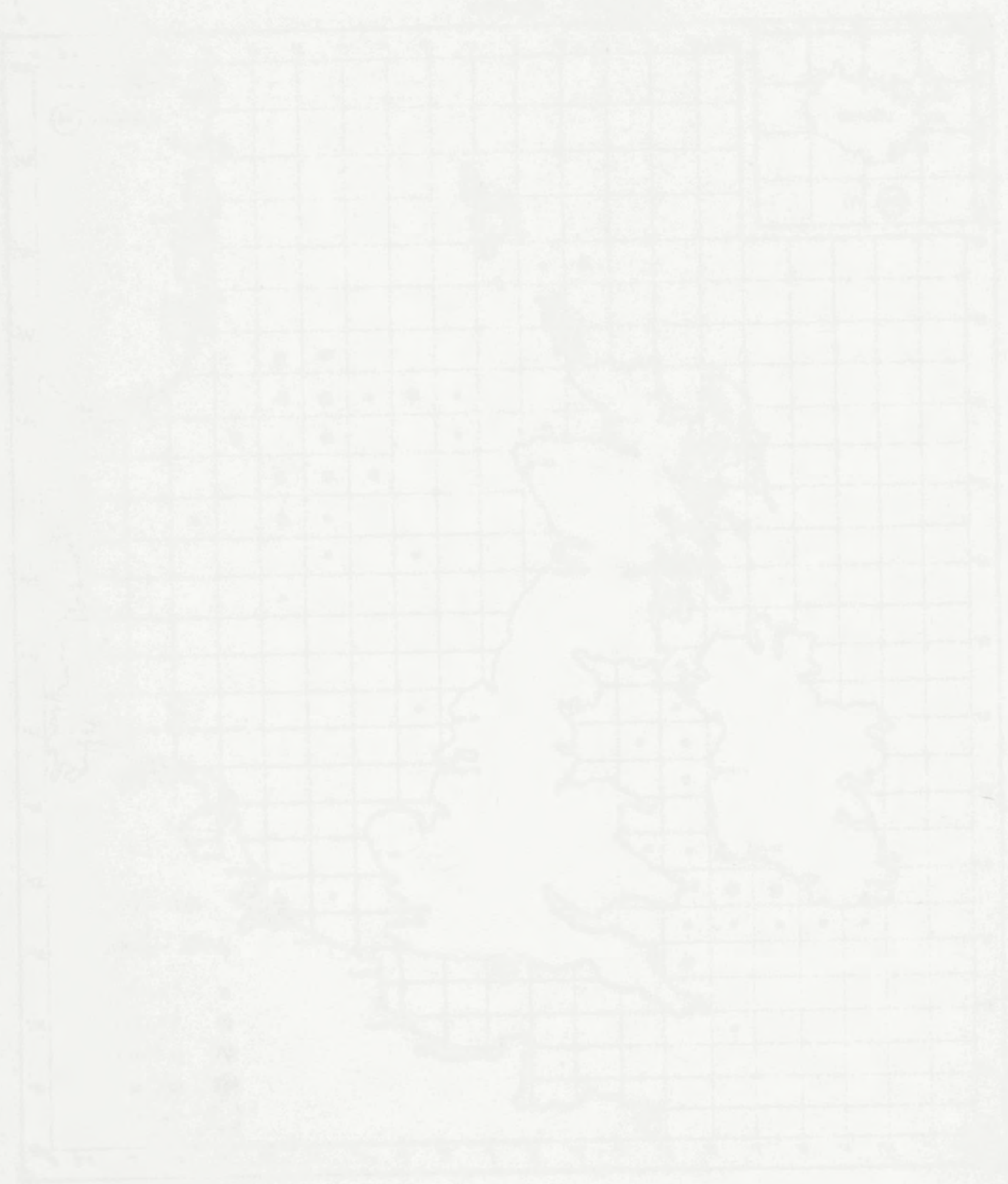
SCHELVIS - EGLEFIN



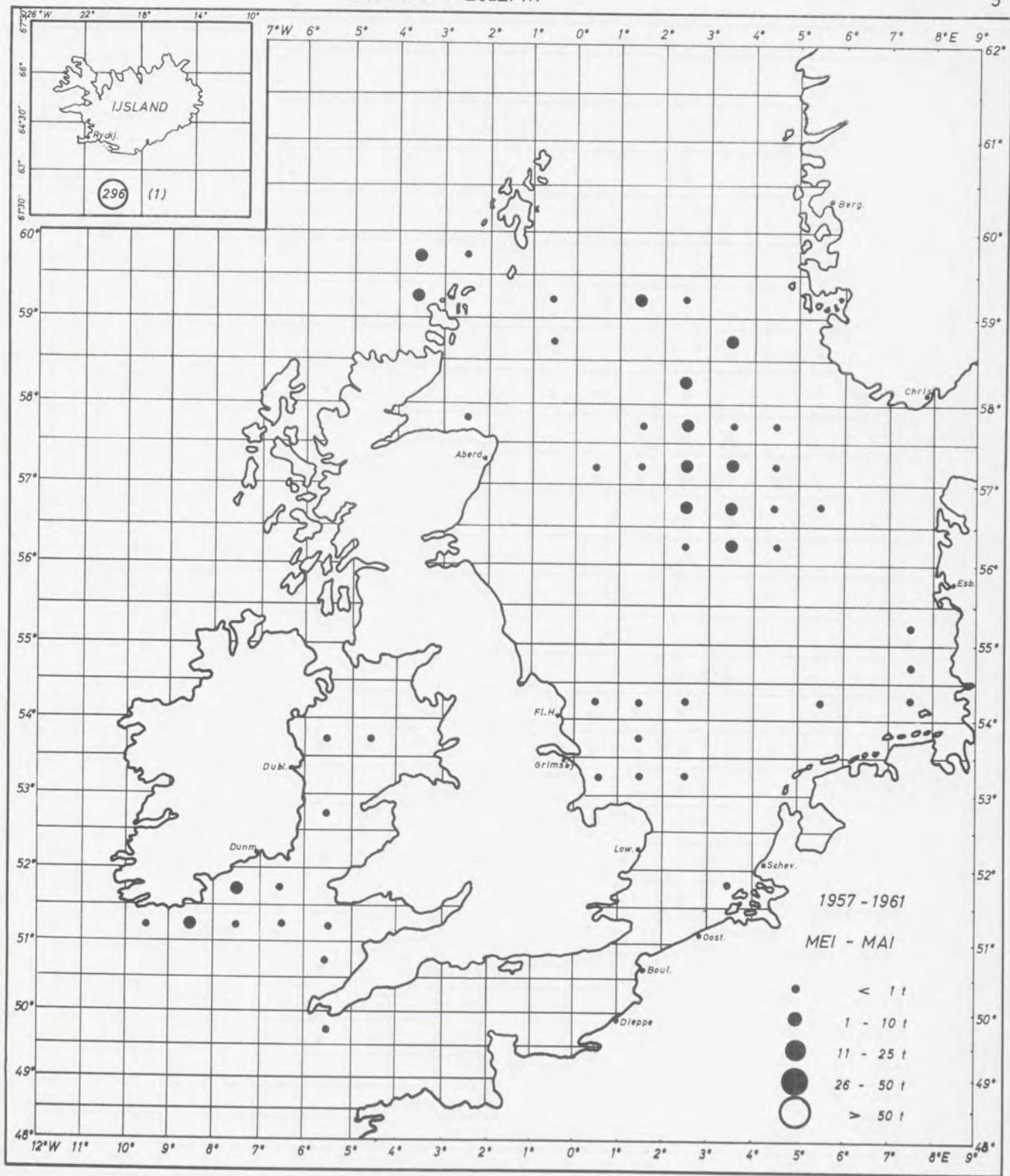


SHELVIS - EGLEFIN

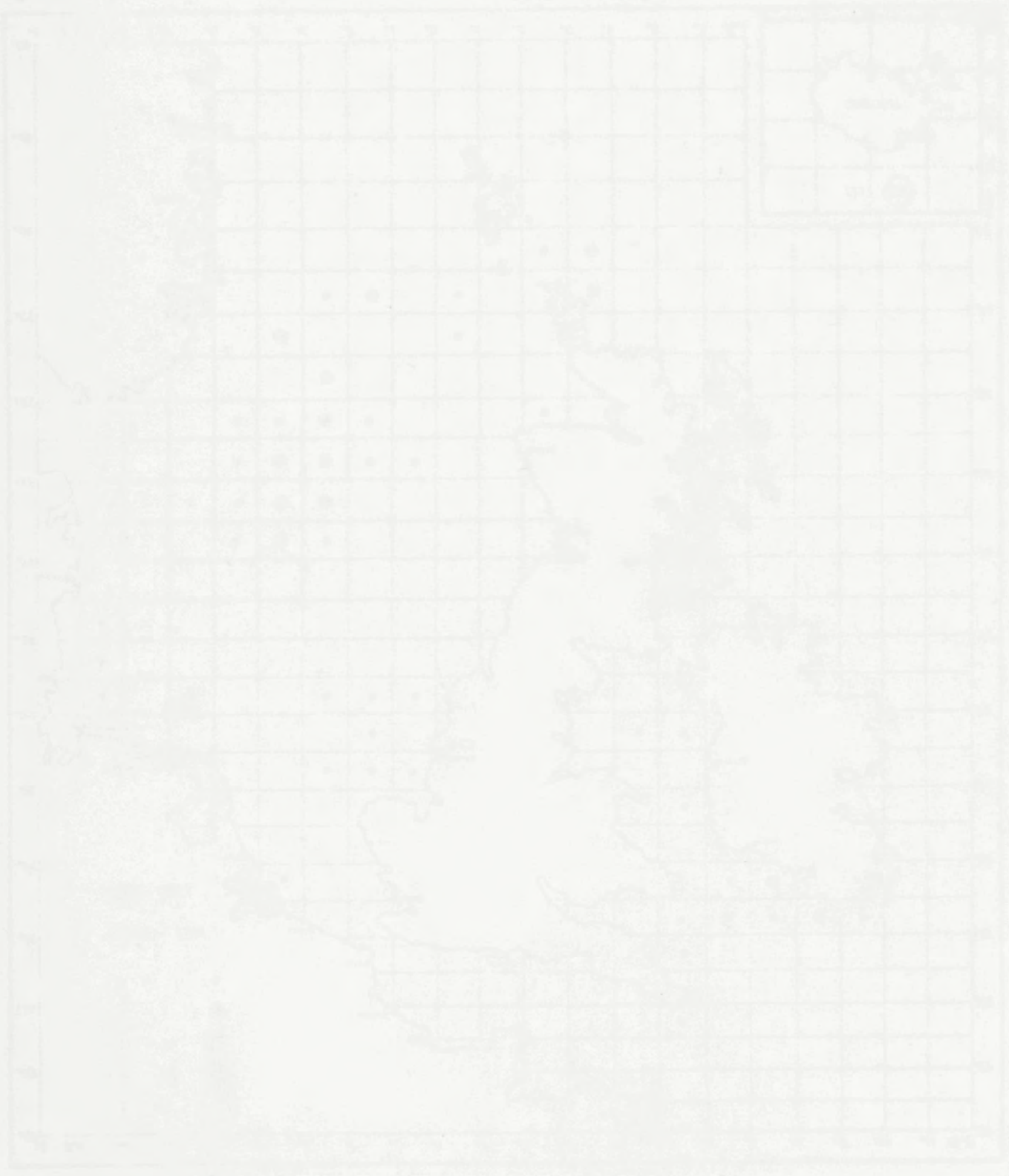




SHELVIS - EGLEFIN

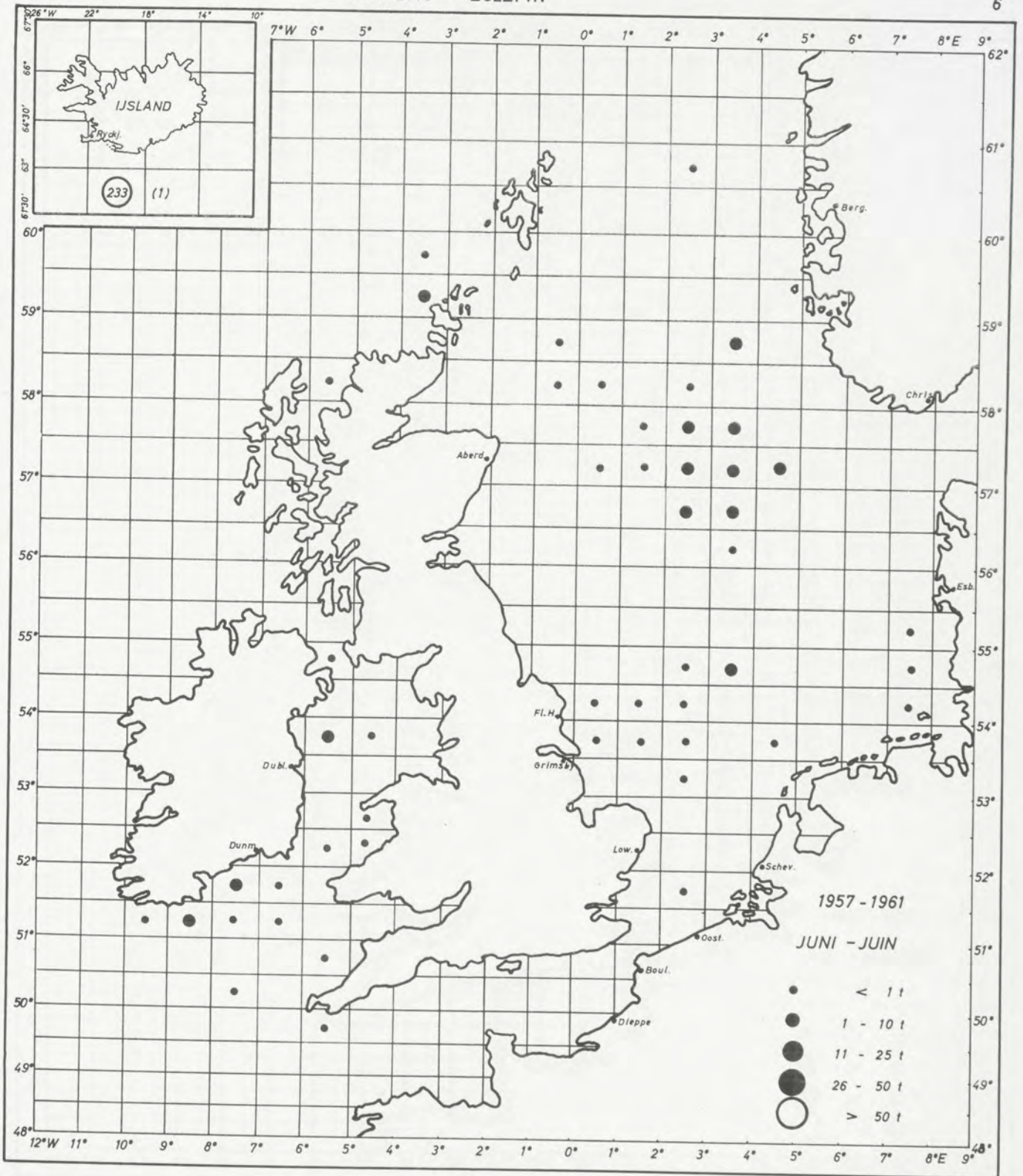


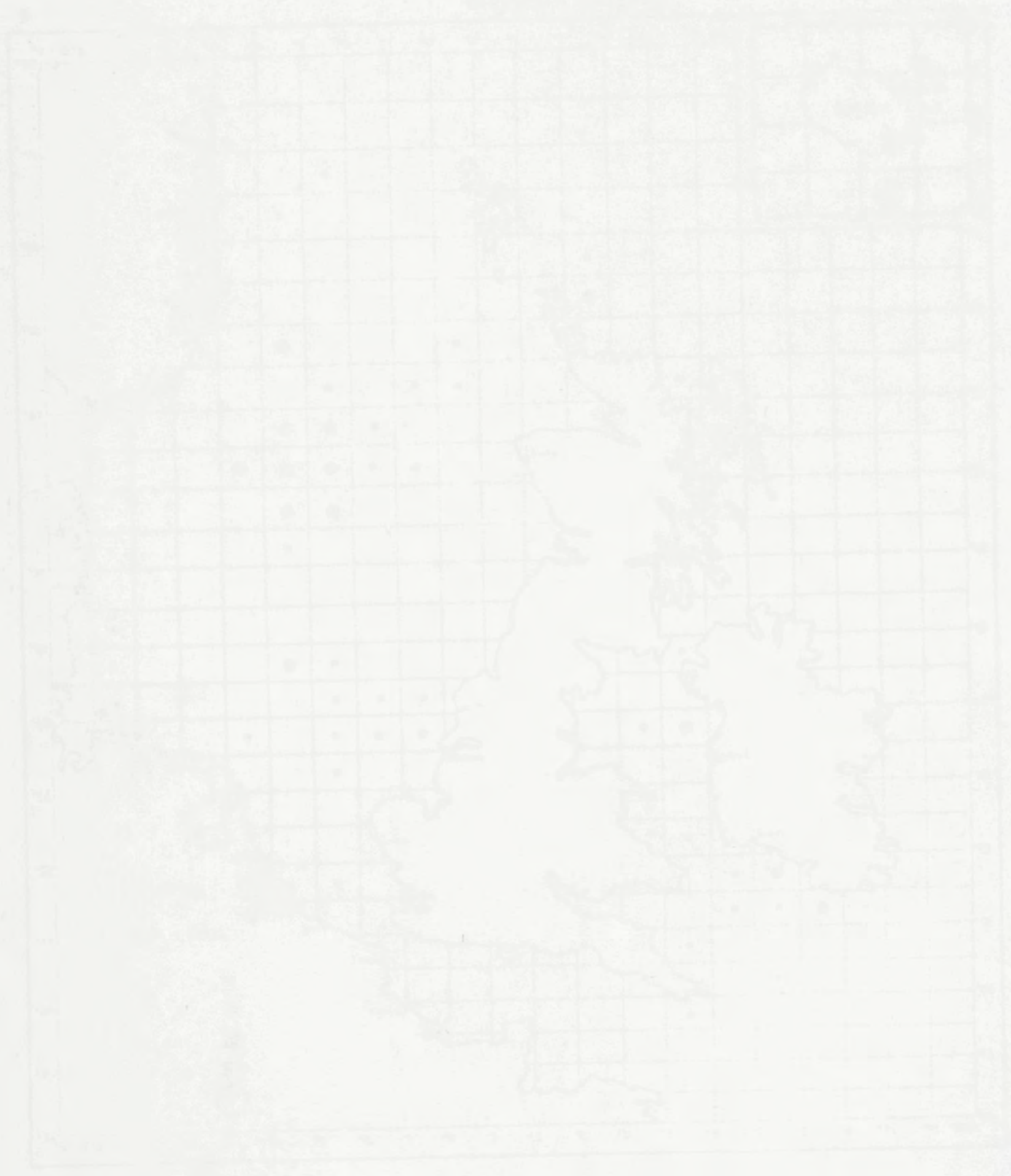
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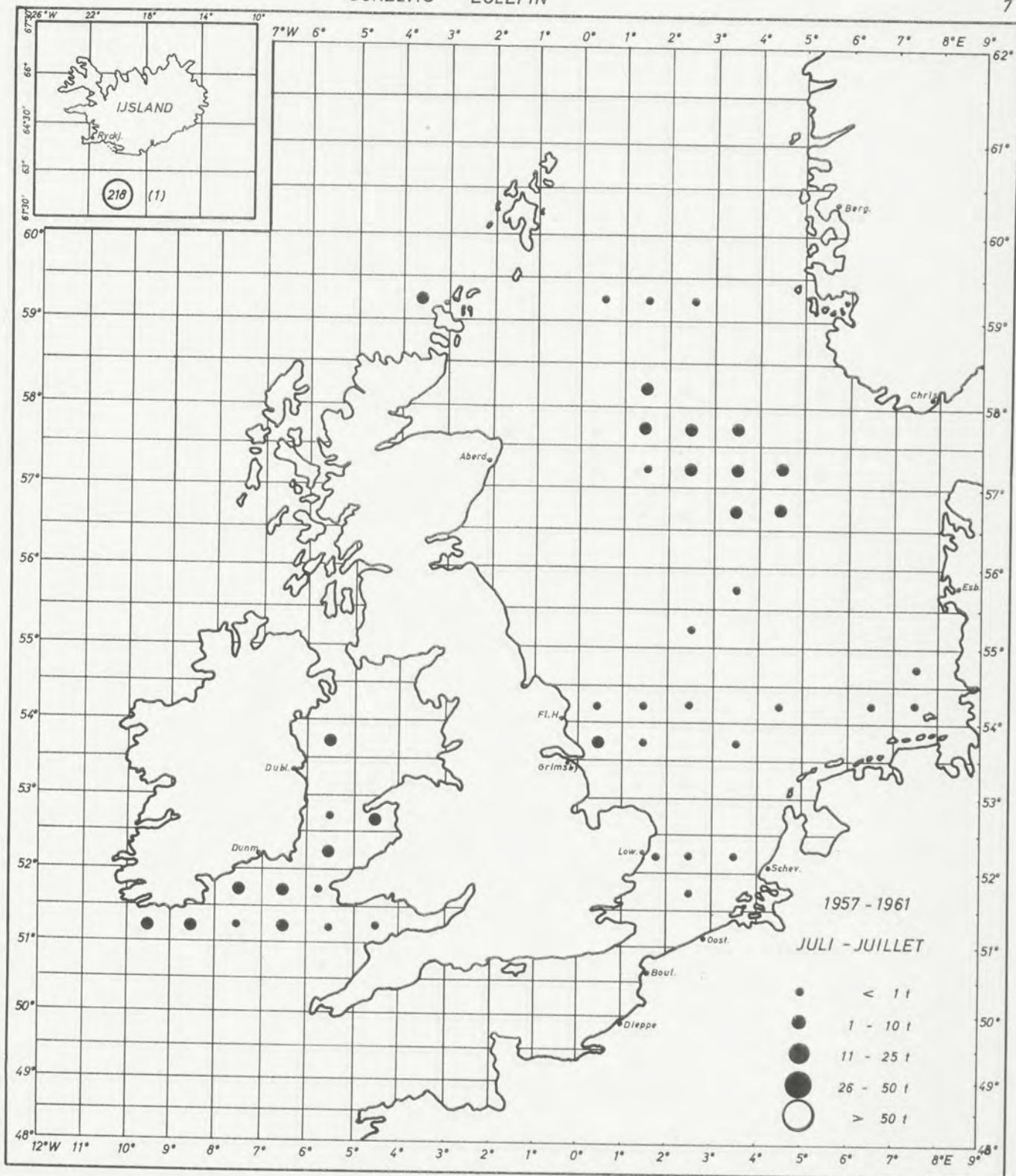
1972-1973

SCHELVIS - EGLEFIN

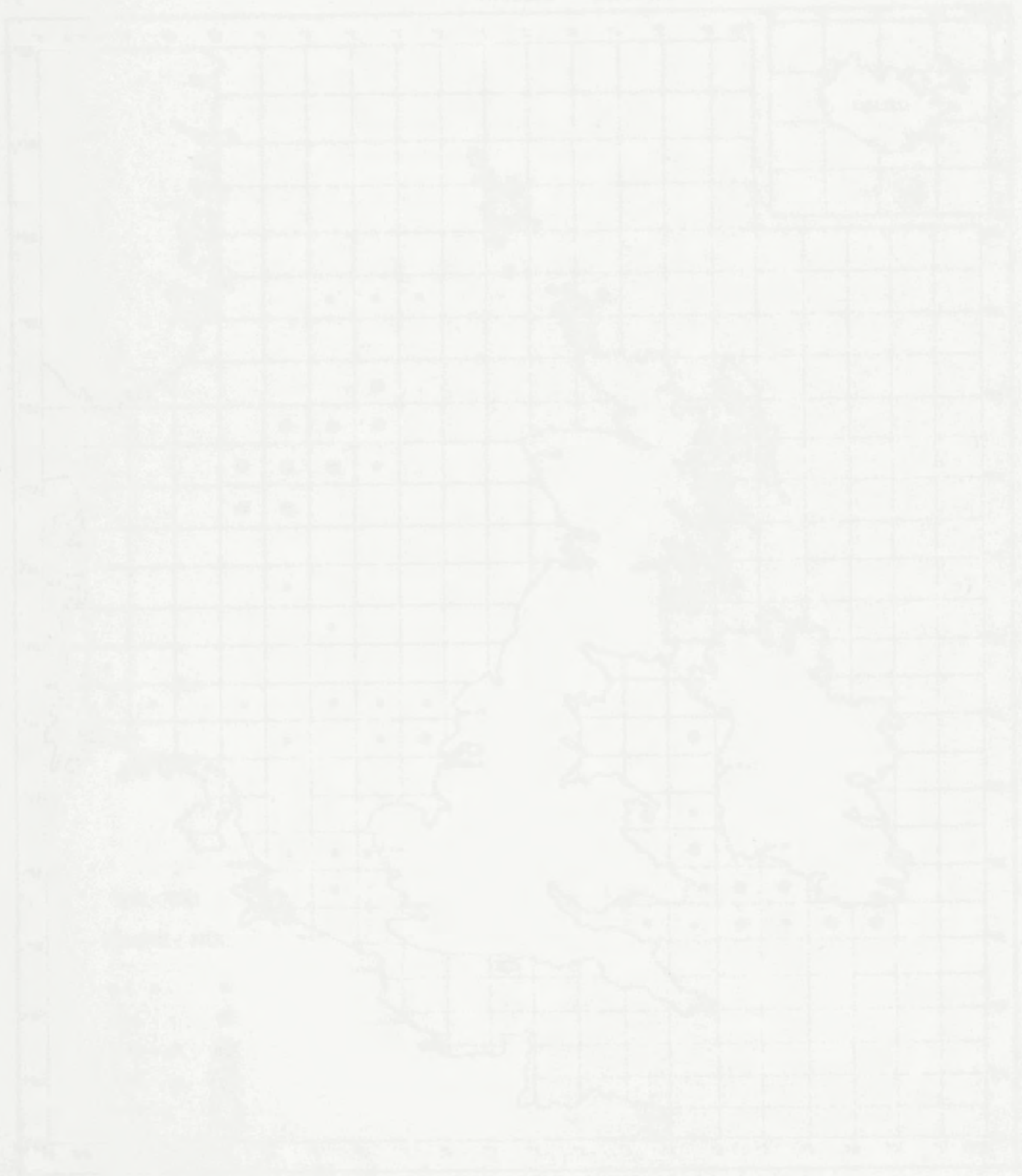




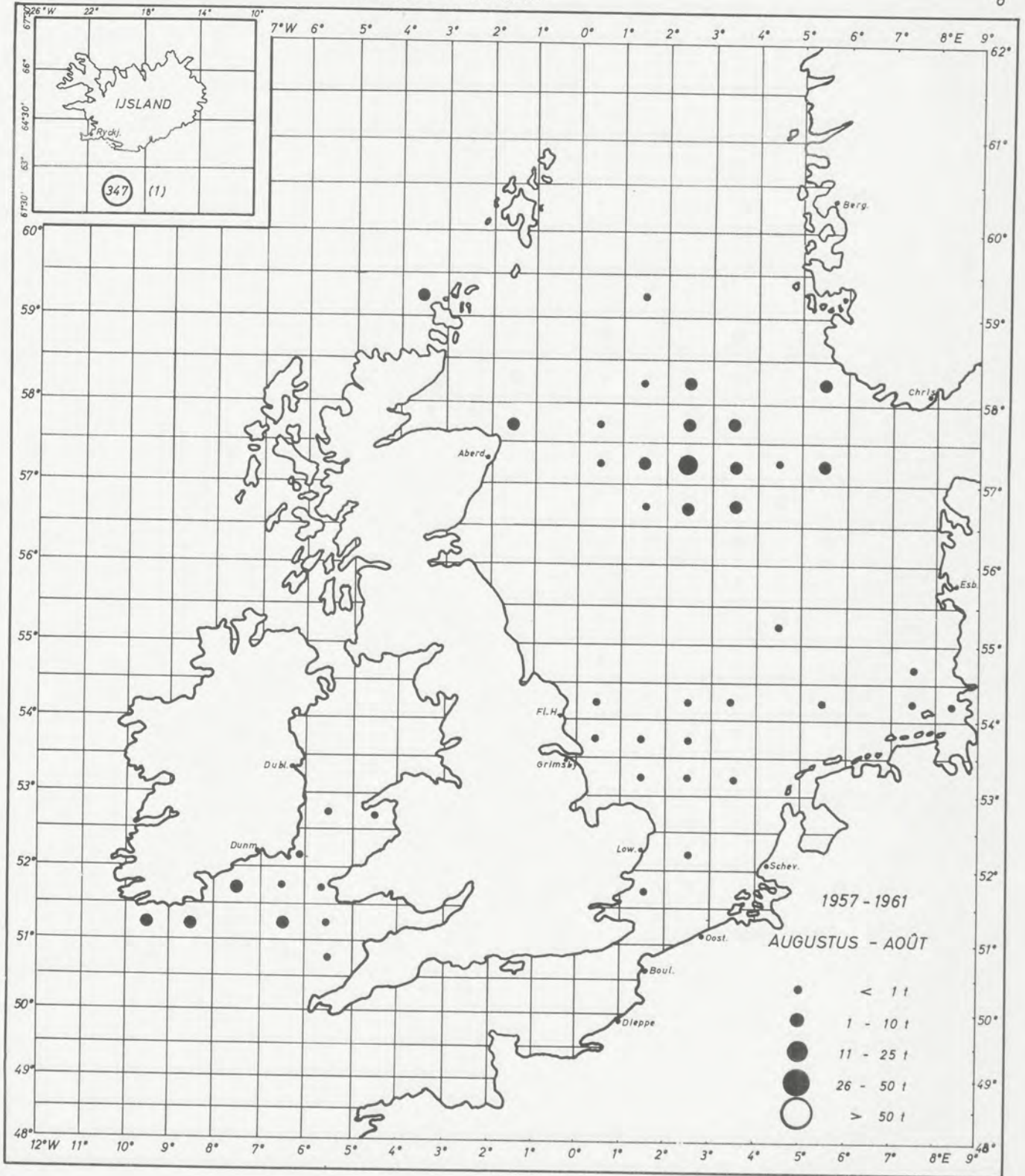
SCHELVIS - EGLEFIN



MAPLE - 2000



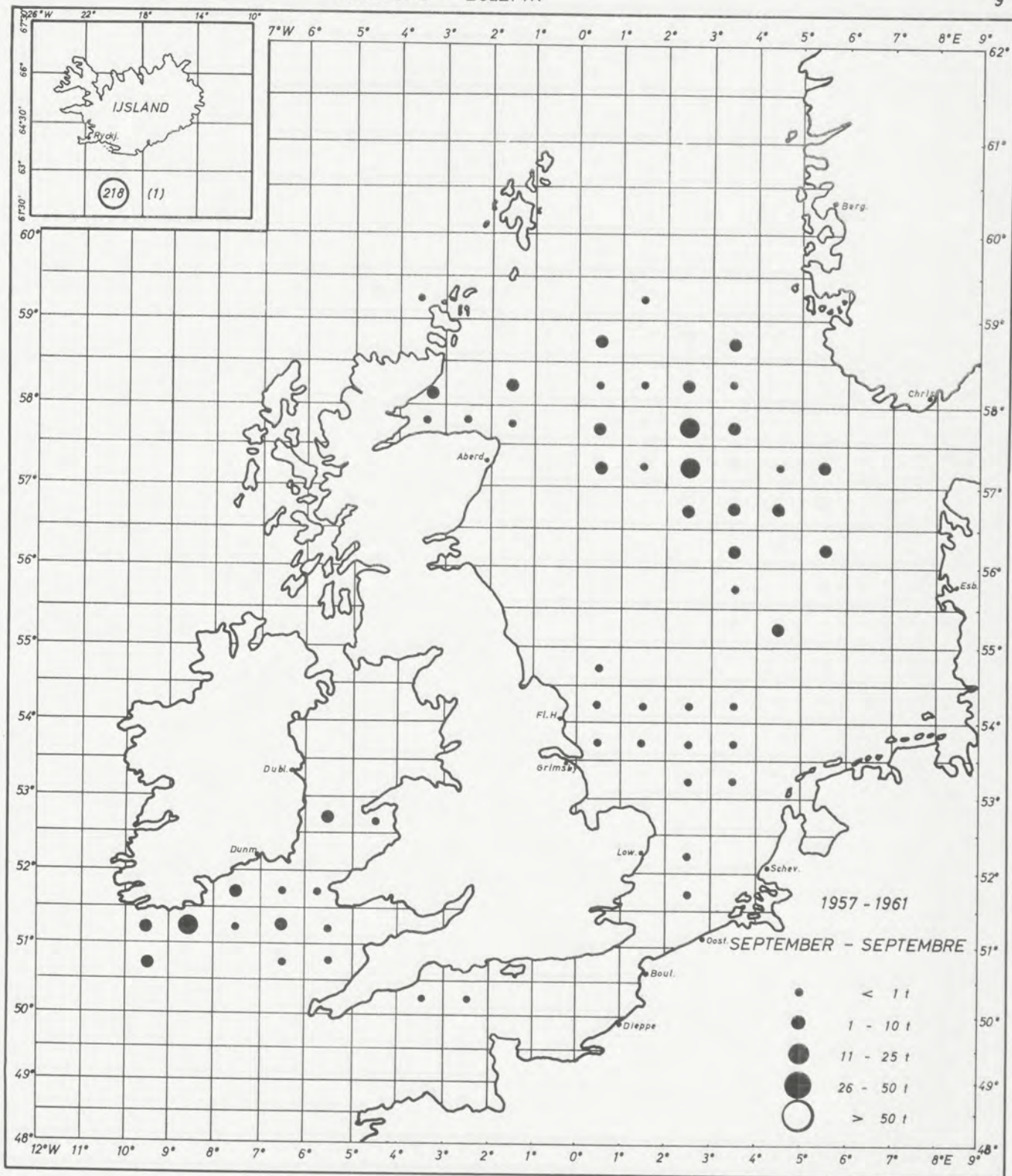
SCHELVIS - EGLEFIN



176.45 11.10.22

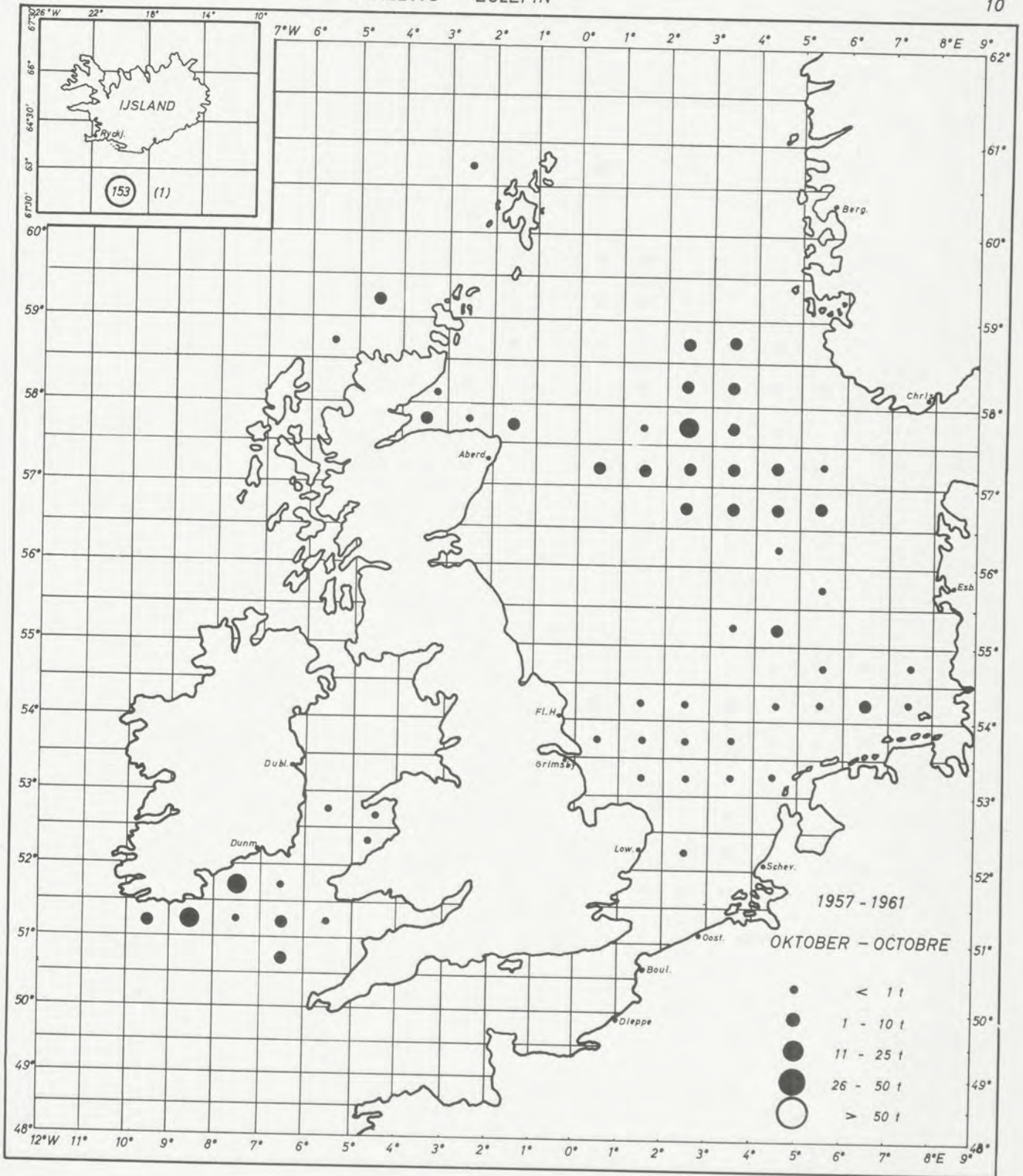


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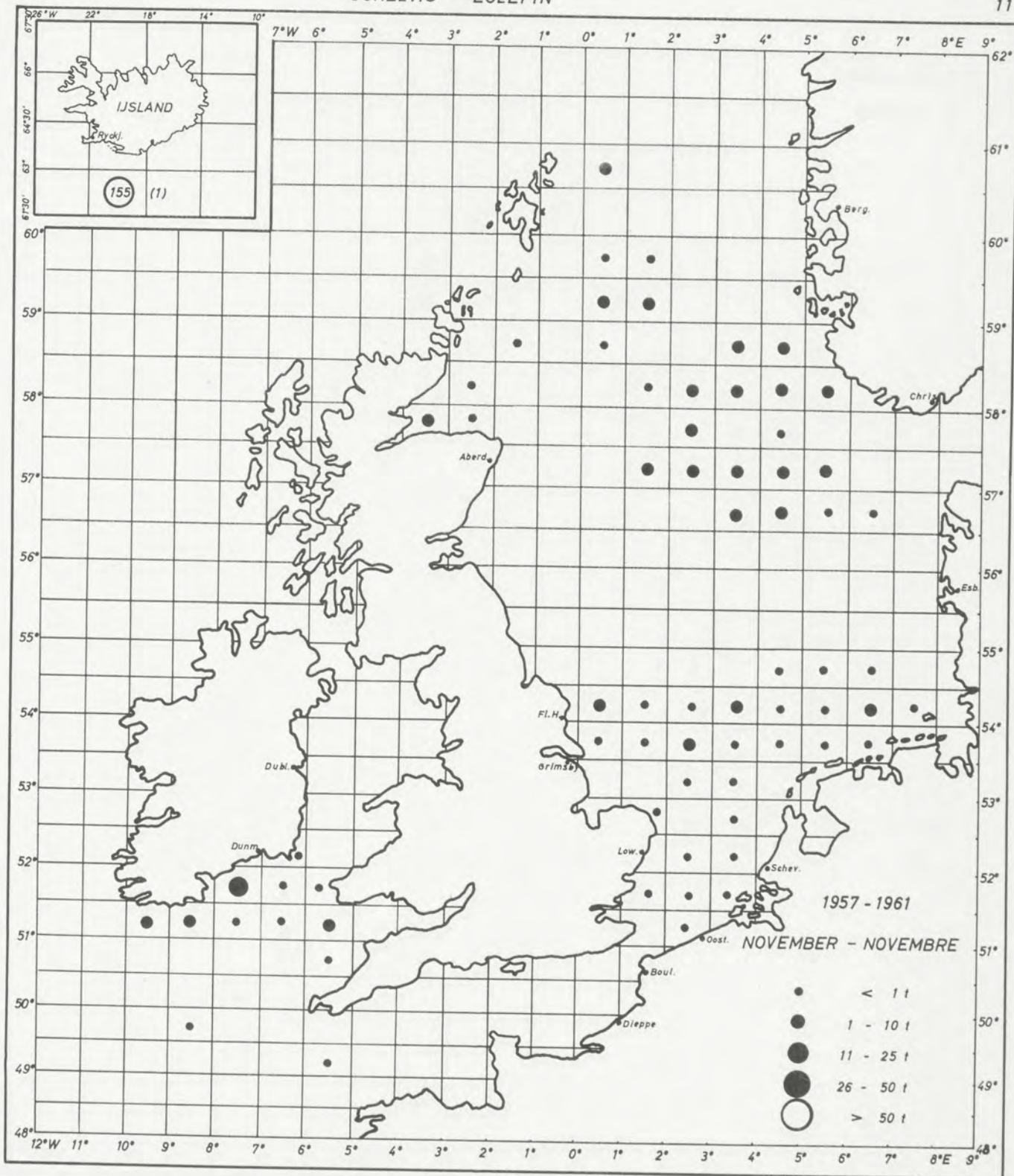




SCHELVIS - EGLEFIN



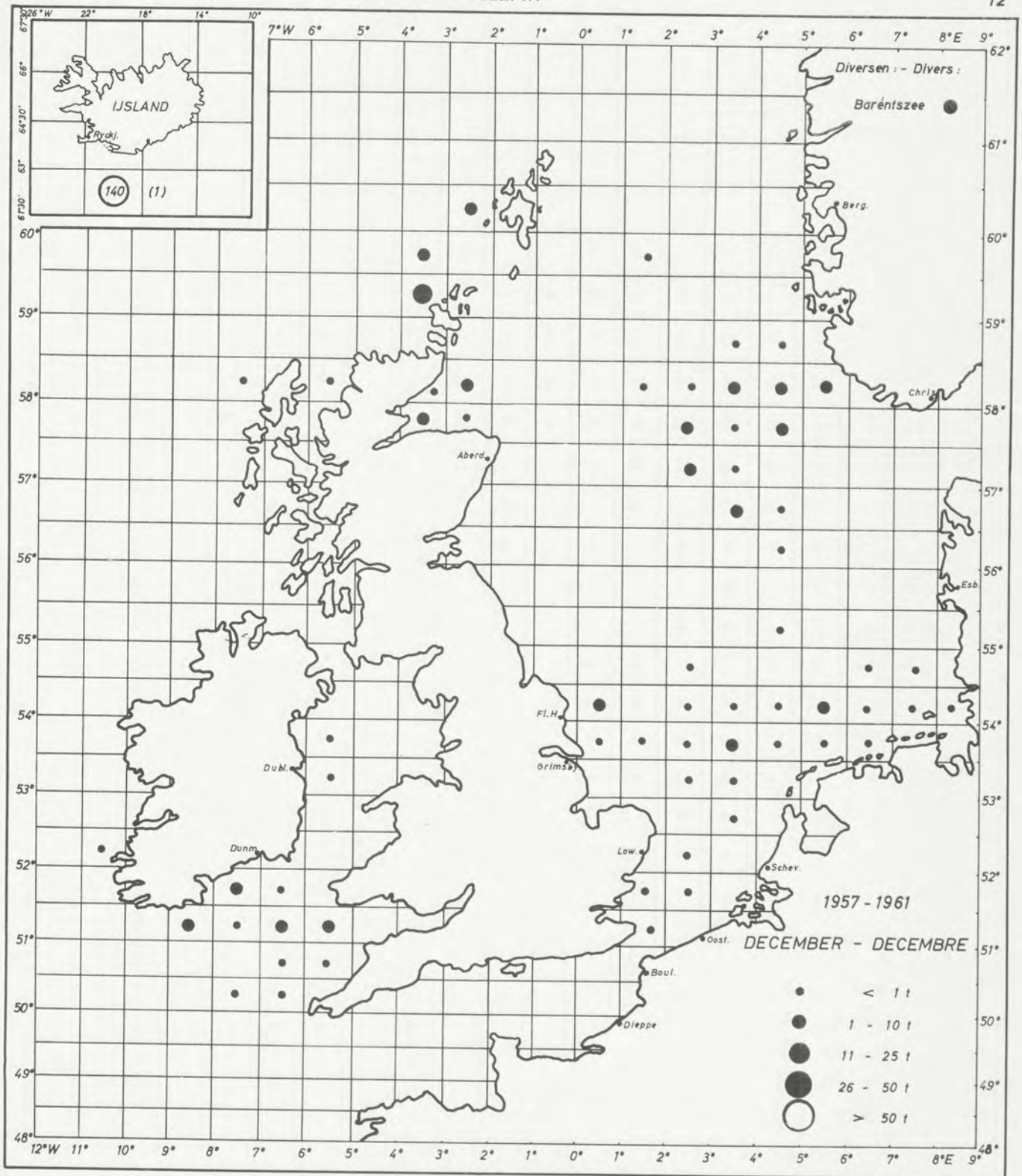
SCHELVIS - EGLEFIN



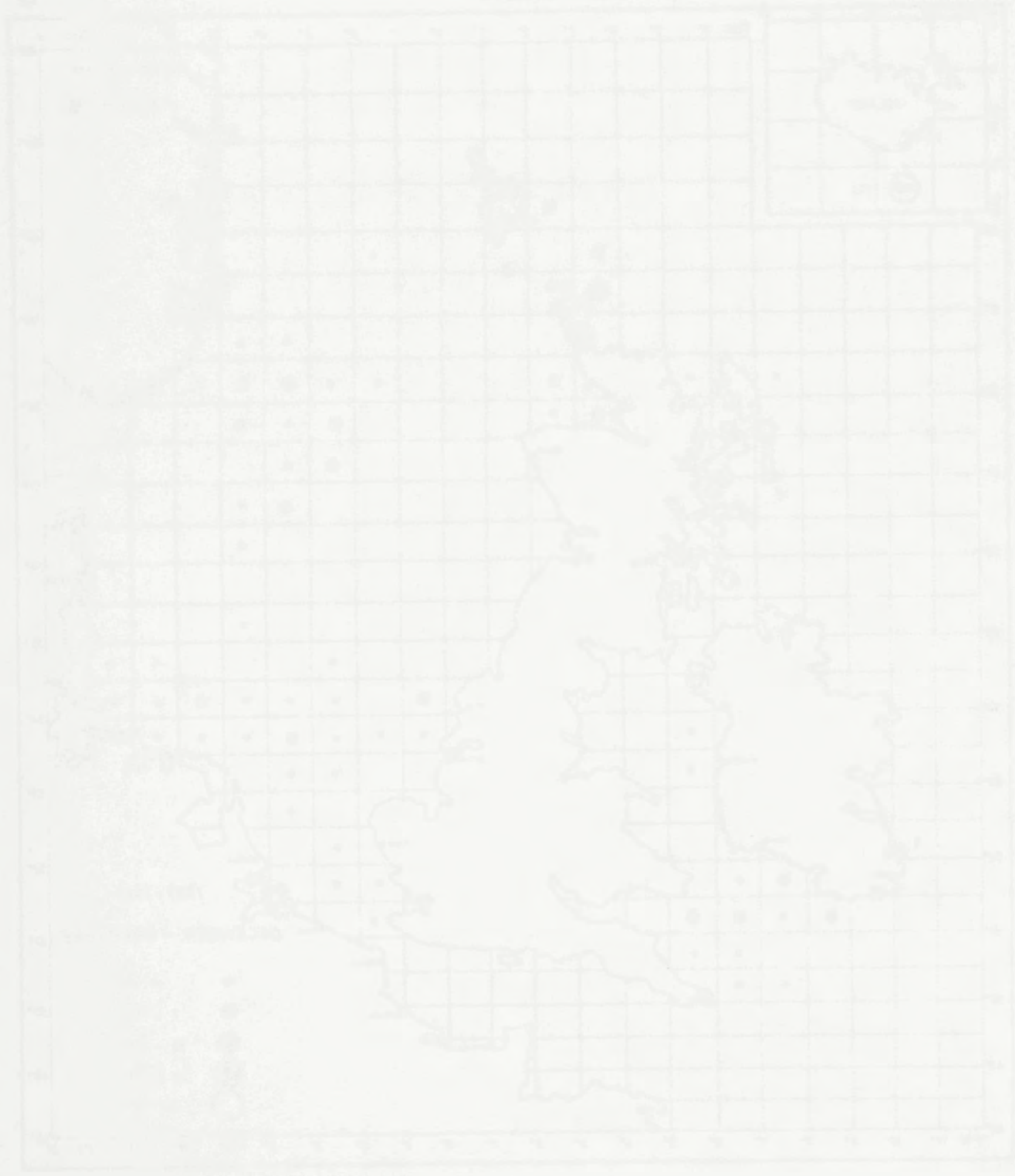
MAP OF THE WORLD



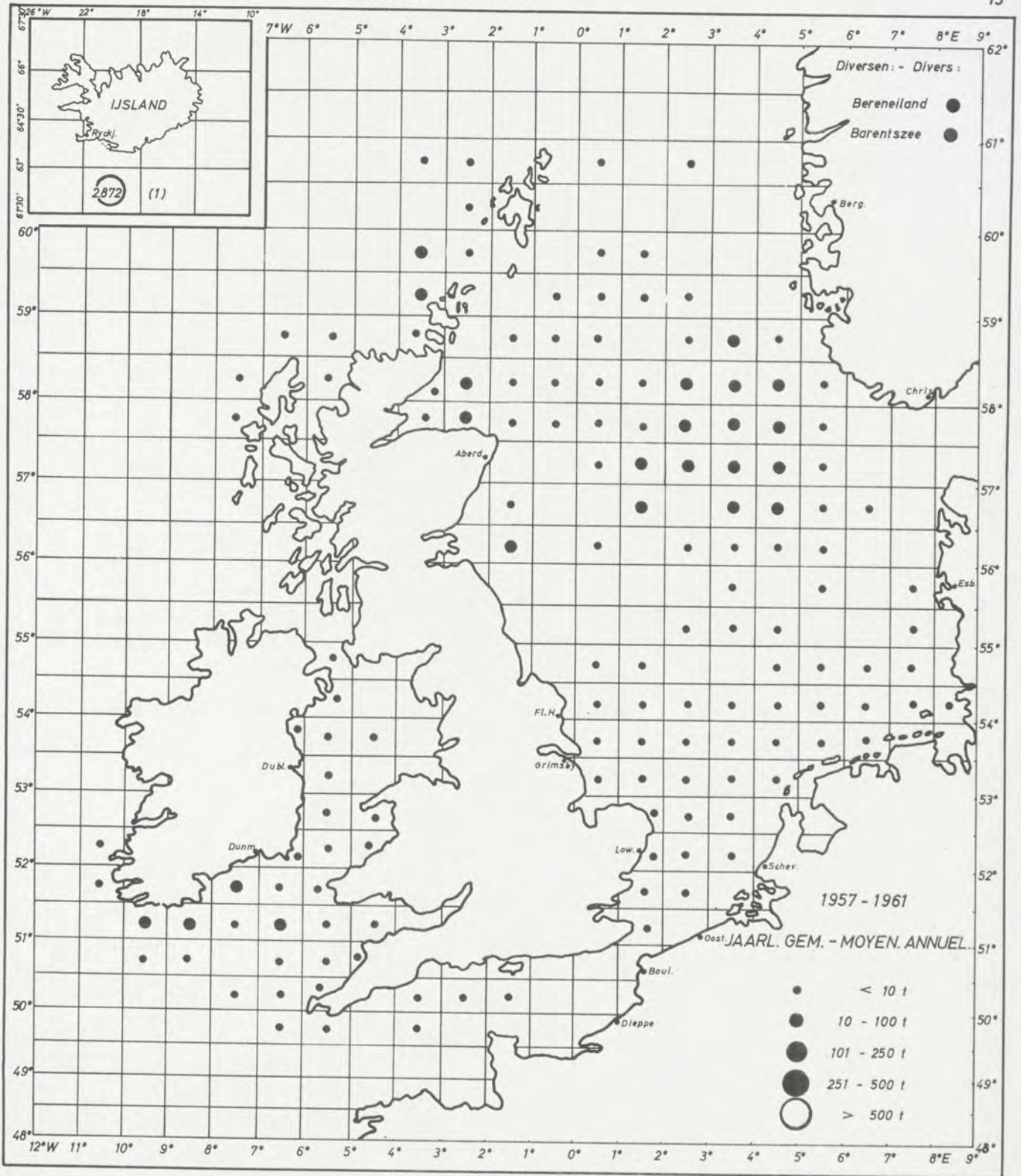
SHELVIS - EGLEFIN



MAP OF THE STATE OF TEXAS



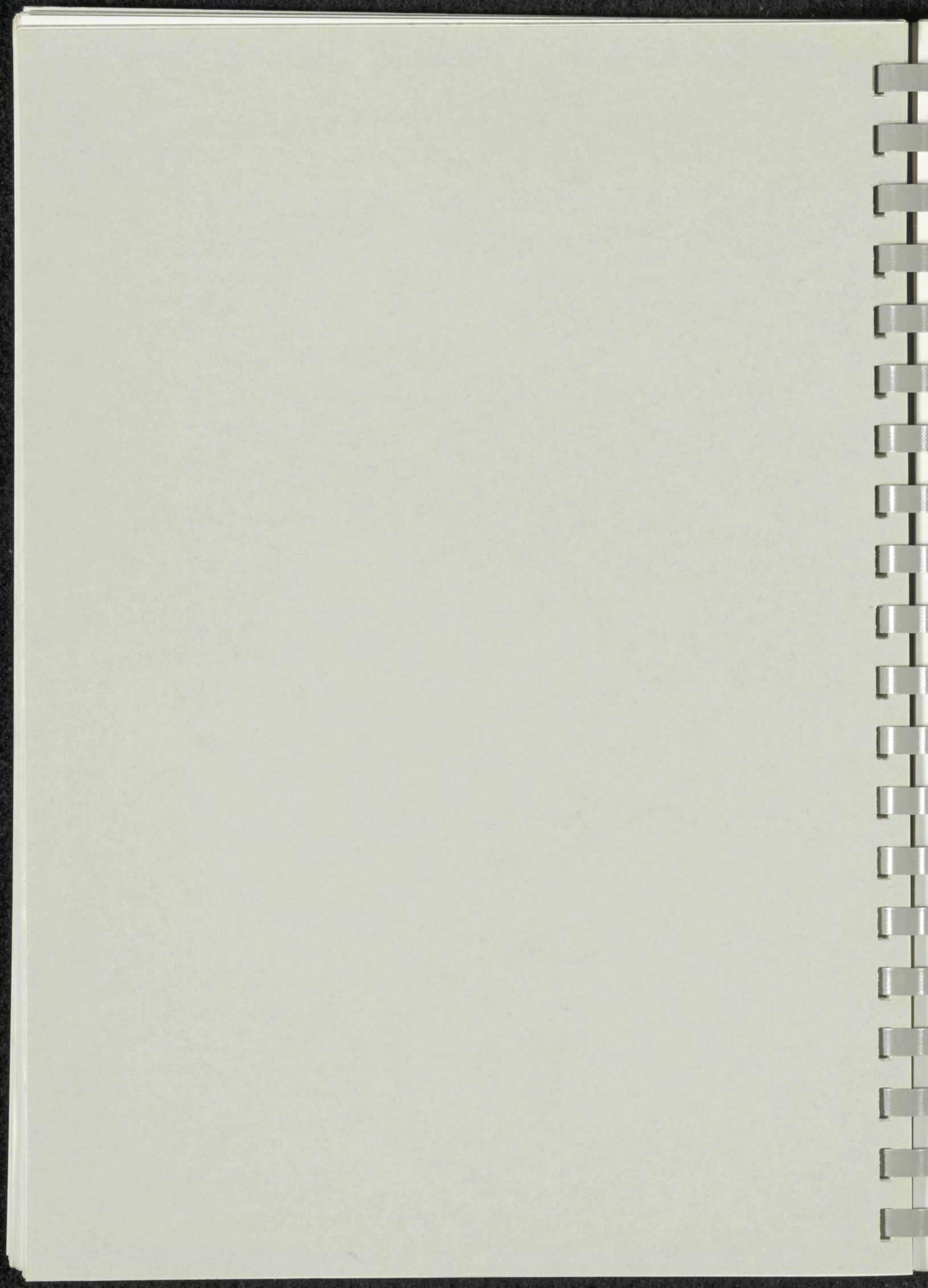
SHELVIS - EGLEFIN



ALTAZON - 200000



WIJTING-MERLAN- MERLANGIUS MERLANGUS (L)



Tabel I - WIJTING - Indeling van de jaarlijkse vangst volgens de gebieden (1)

Tableau I - MERLAN- Répartition des pêches annuelles d'après les régions (1)

Gebieden Régions	Kaart A Carte A	1957 - 1961		1962		1963		1964		1965	
		t	%	t	%	t	%	t	%	t	%
N.Z. Zuid M.N. Méridionale	(IV c)	1475	36.3	1897	48.8	1756	43.7	2396	62.1	2388	67.6
N.Z. Midden M.N. Centrale	(IV b)	358	8.8	668	17.2	823	20.5	913	23.7	582	16.5
N.Z. Noord M.N. Septentrionale	(IV a)	138	3.4	33	0.8	183	4.6	42	1.1	19	0.5
Engels Kanaal Manche	(VII d e)	41	1.0	43	1.1	37	0.9	25	0.6	31	0.9
Ierse Z. & Bristol Kan. M.d'Irlande & C.Bristol	(VII a f)	497	12.0	307	7.9	155	3.8	391	10.1	342	9.7
Z. & W. Ierland S. & W. d'Irlande	(VII bghj)	287	7.3	248	6.4	138	3.4	81	2.1	114	3.2
N.W.Schotland & N.Ierland N.W.Ecosse & N.d'Irlande	(VI a)	4	0.1	6	0.1	43	1.1	4	0.1	-	-
Ijslandse Zee Mer d'Islande	(V a 1,2)	1263	31.1	689	17.7	885	22.0	8	0.2	56	1.6
Totaal - Total		4063	100.0	3891	100.0	4020	100.0	3860	100.0	3532	100.0

(1) Bron : Dienst voor de Zeevisserij, Oostende

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

(1) 2010-11-20 10:00 AM
(2) 2010-11-20 10:00 AM
(3) 2010-11-20 10:00 AM

2010-11-20 10:00 AM

2010-11-20 10:00 AM

2010-11-20 10:00 AM

WIJTING - MERLAN

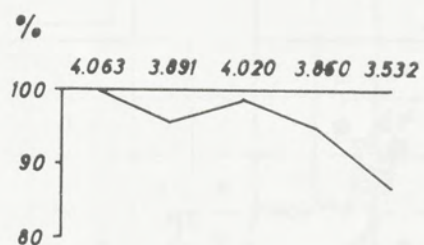


Fig. 1. Jaarlijkse aanvoer in t
Apports annuels en t

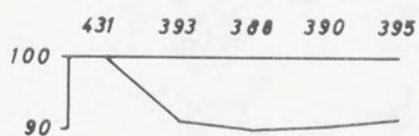


Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navire en activité

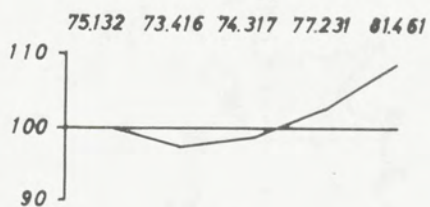


Fig. 3. Drijfkracht (pk)
Force motrice (cx)

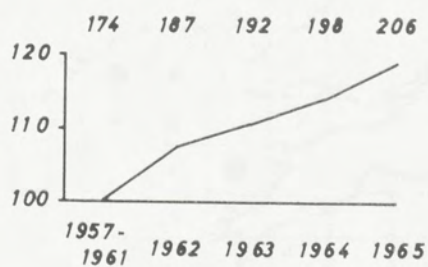


Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cx par navire

WATER - DENSITY

1.000000 at 0°C
0.999973 at 1°C



0.999927 at 15°C
0.999890 at 20°C



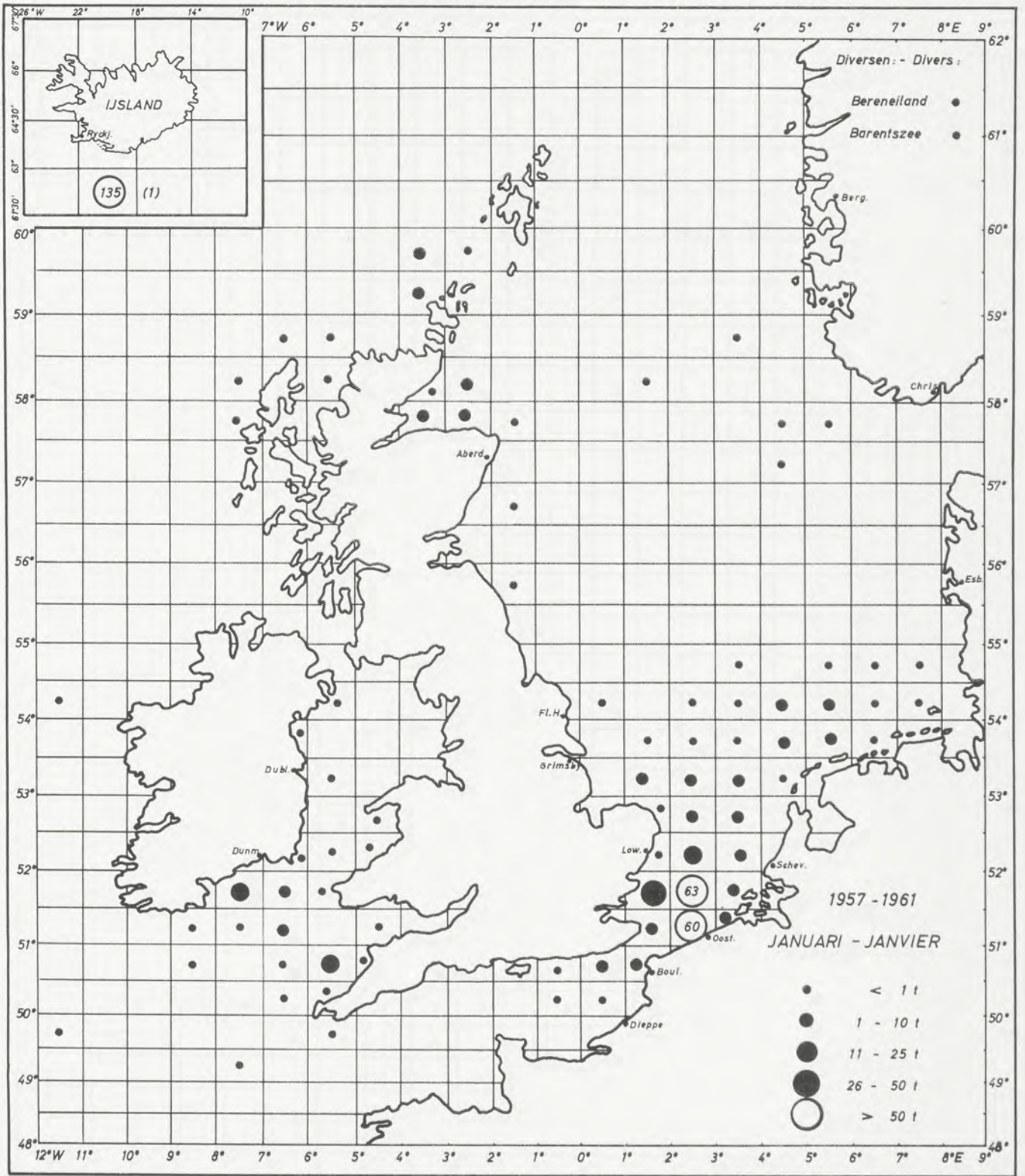
0.999842 at 25°C
0.999798 at 30°C



0.999705 at 35°C
0.999653 at 40°C



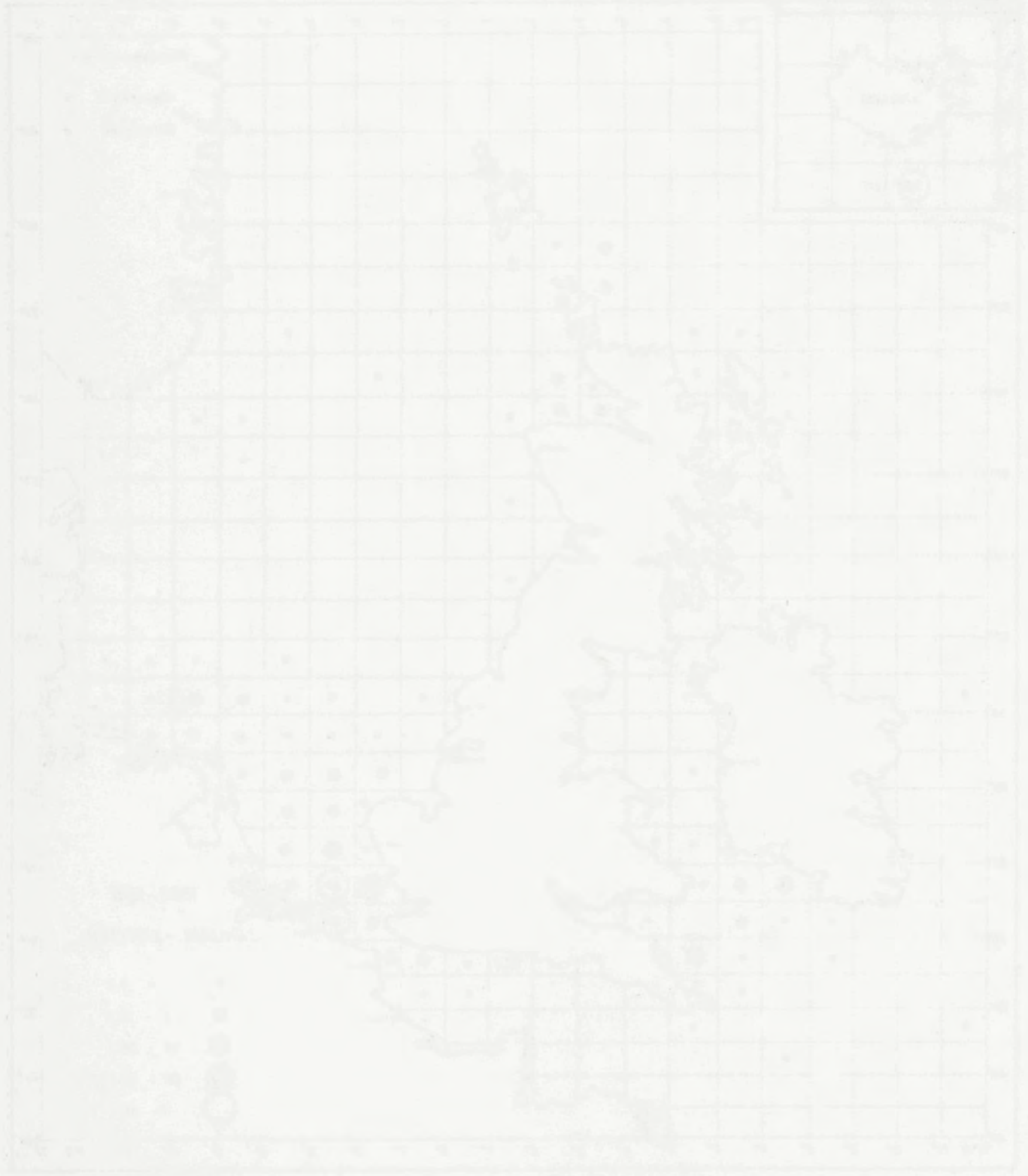
WIJTING - MERLAN



(1) Totaal van de IJslandse wateren

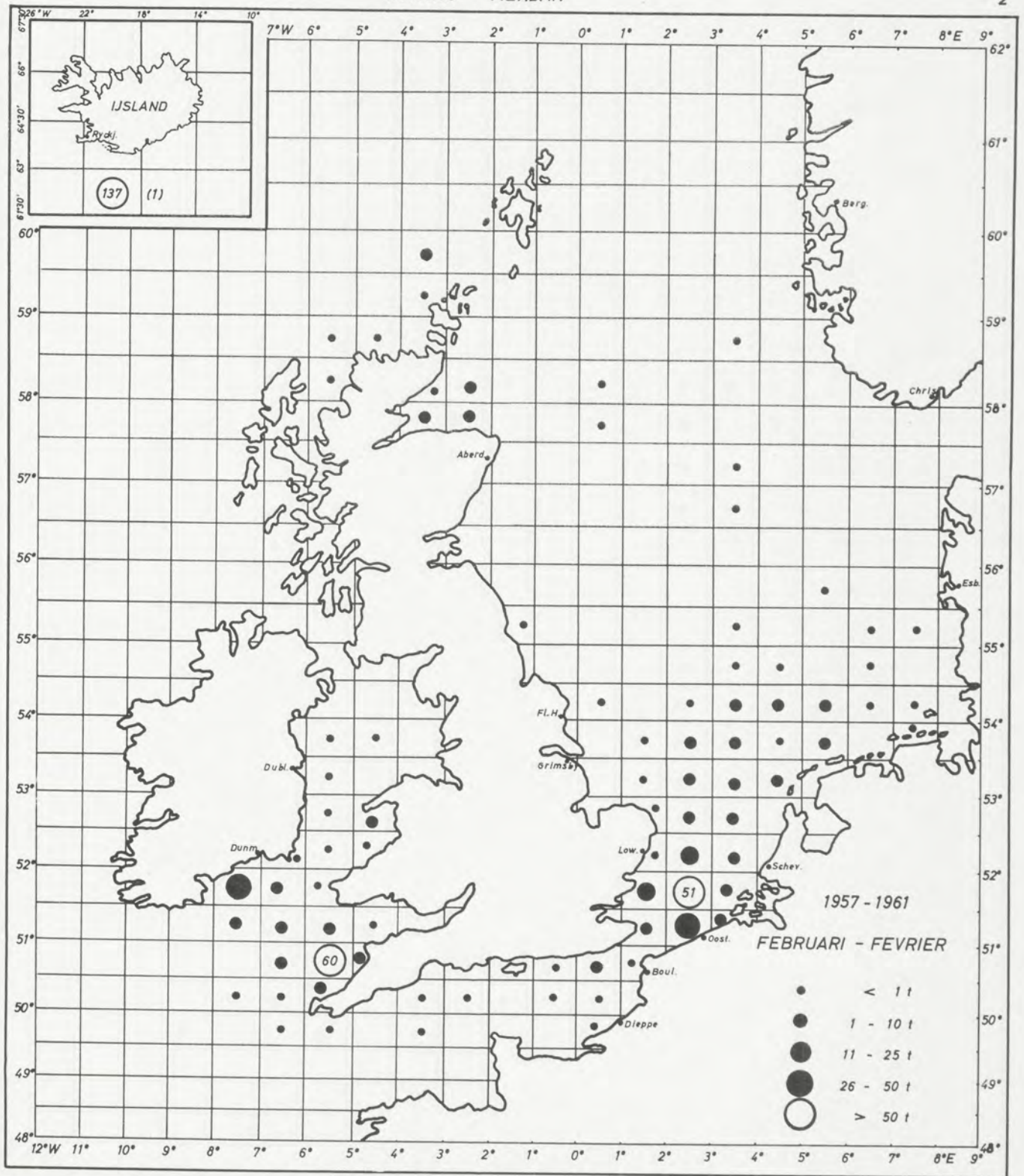
(1) Total des eaux islandaises

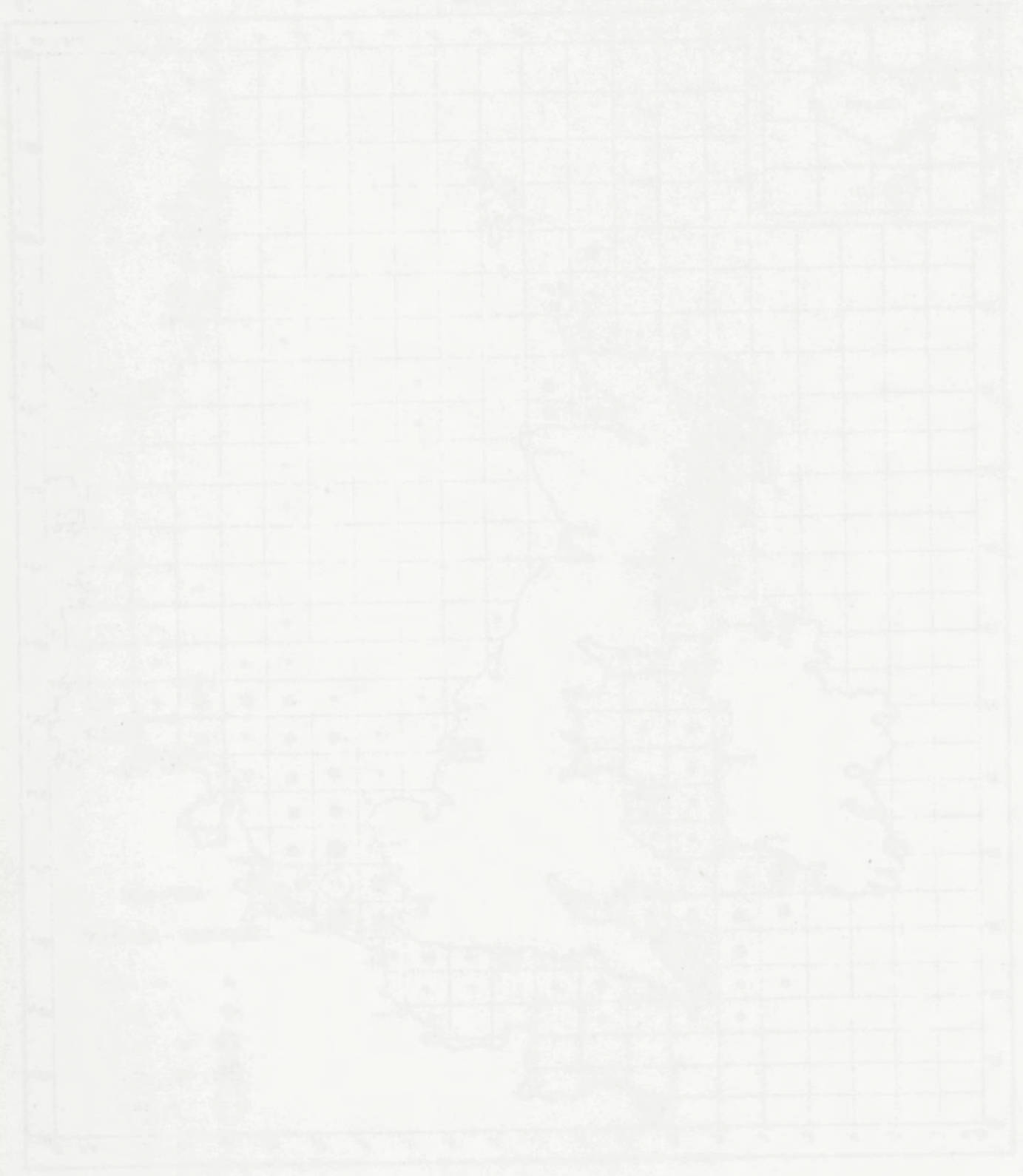
PLANTAS - MATRIZ

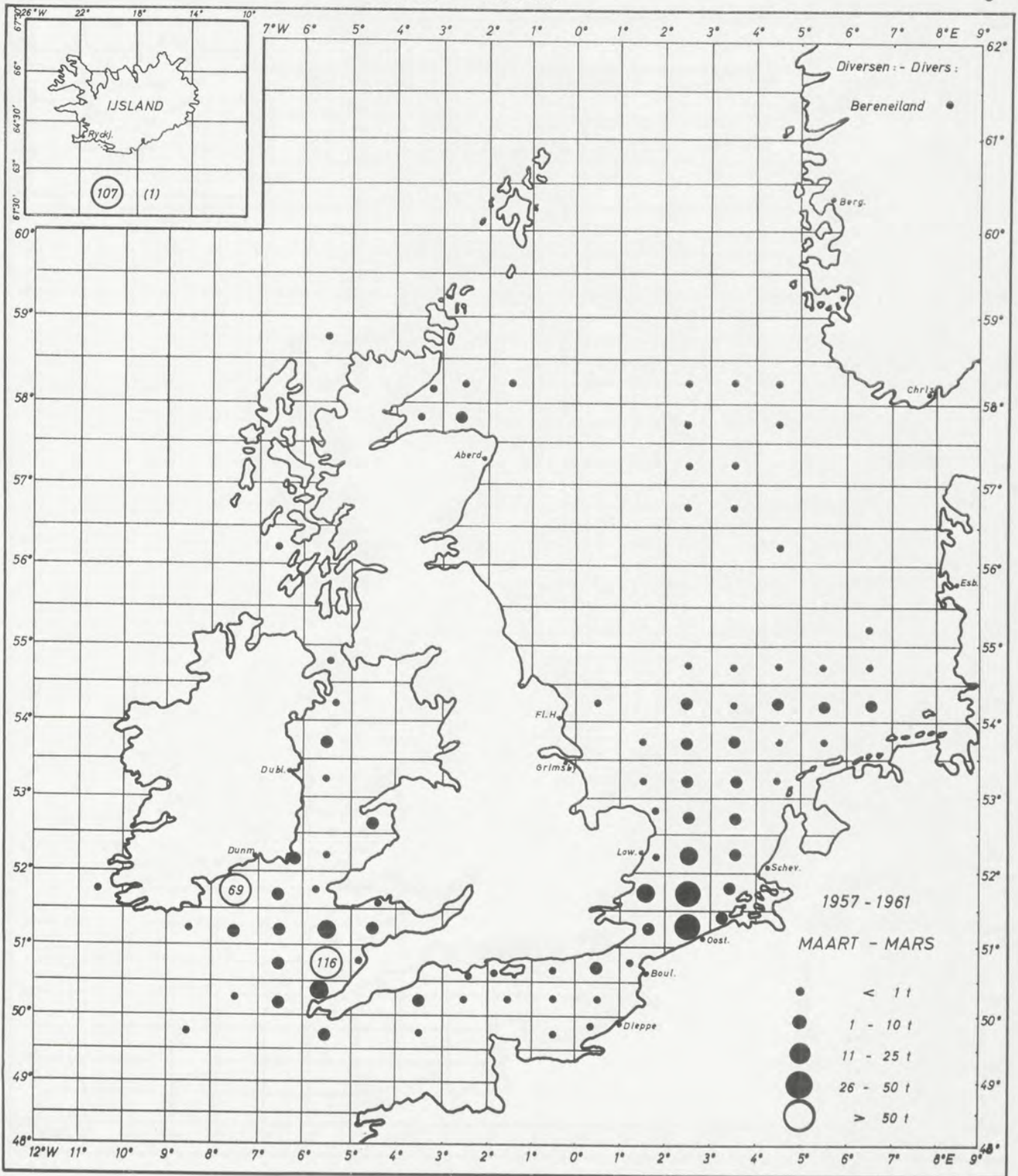


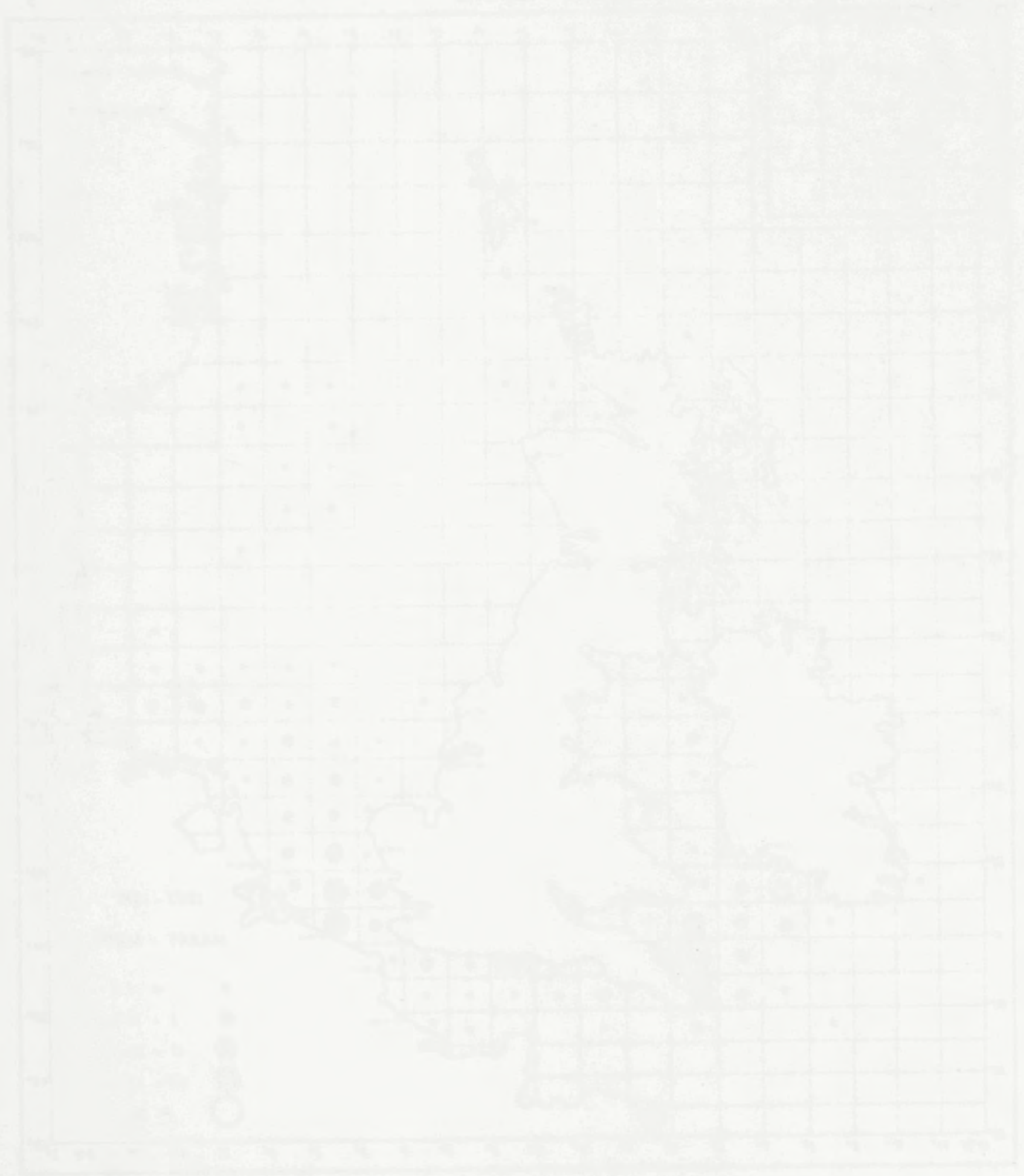
UNIVERSITY OF CALIFORNIA
HERBARIUM

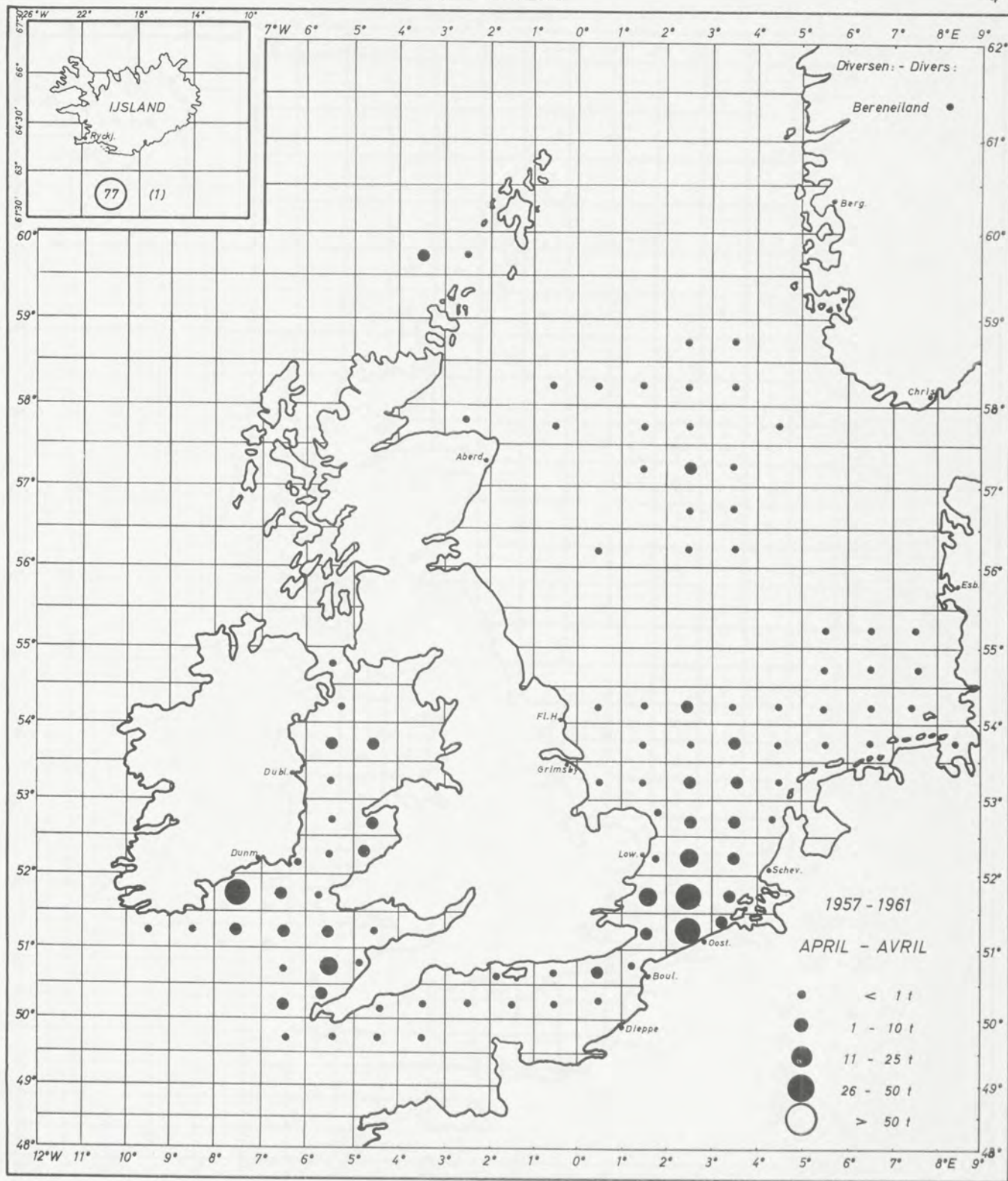
WIJTING - MERLAN

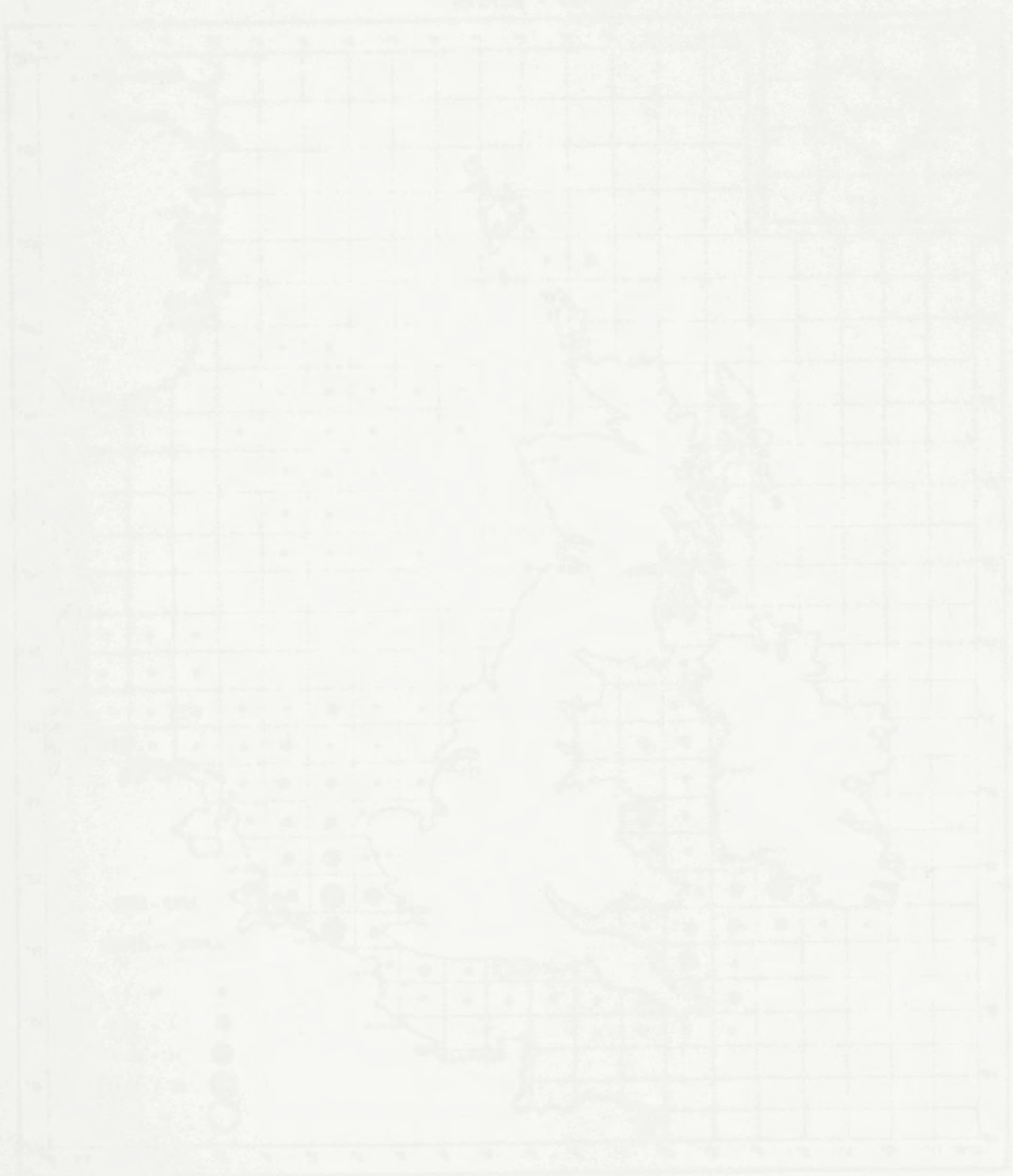




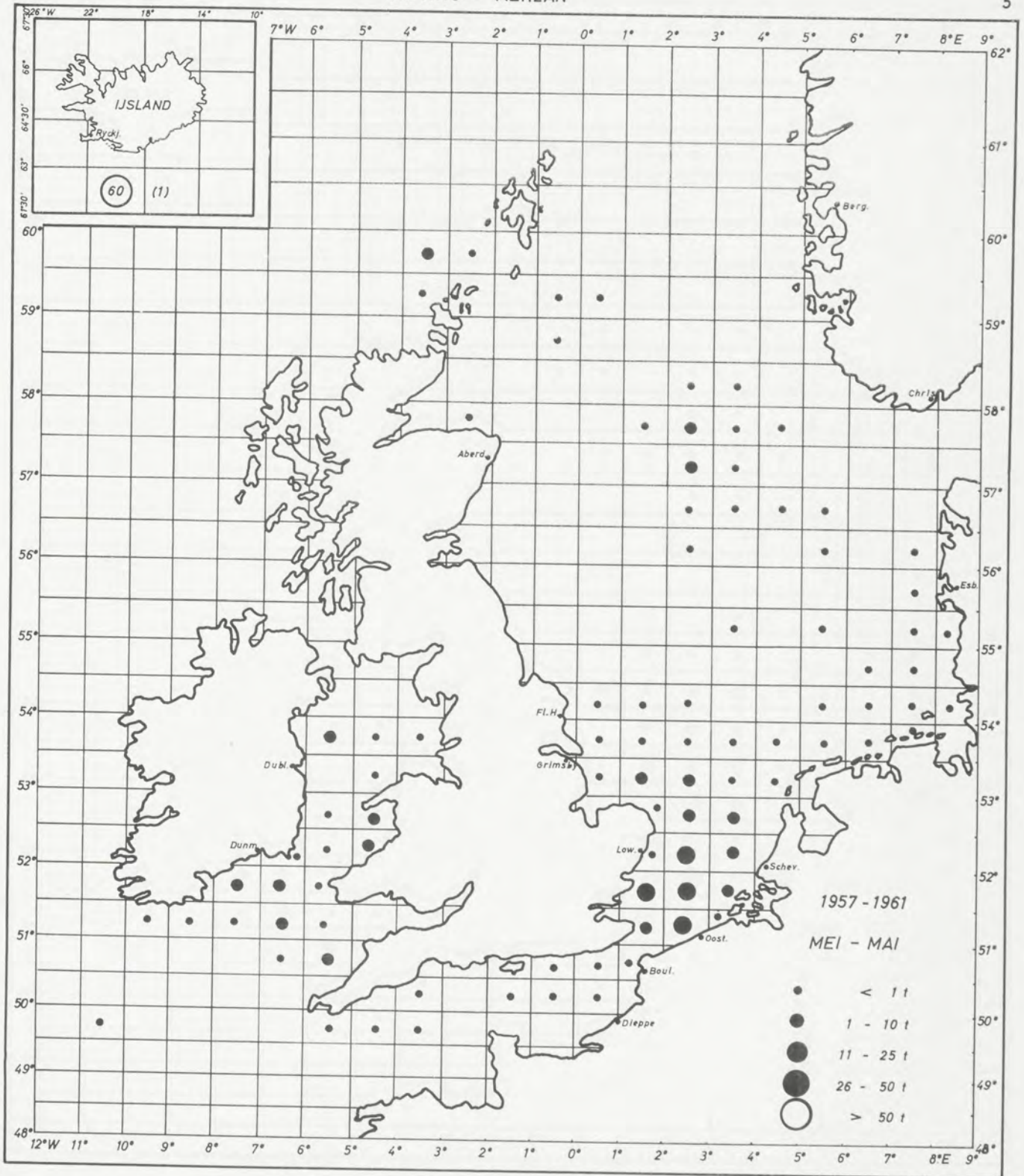


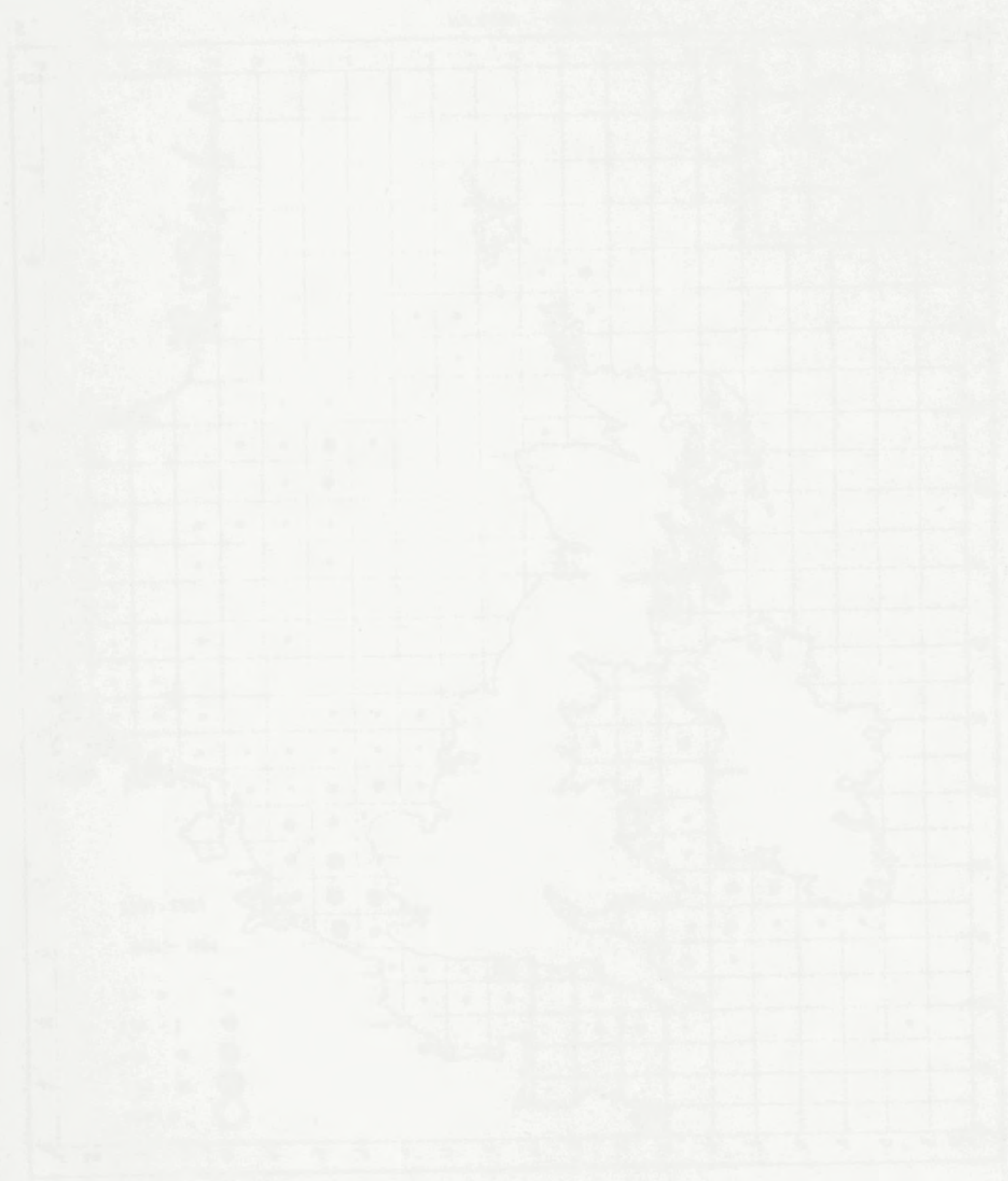




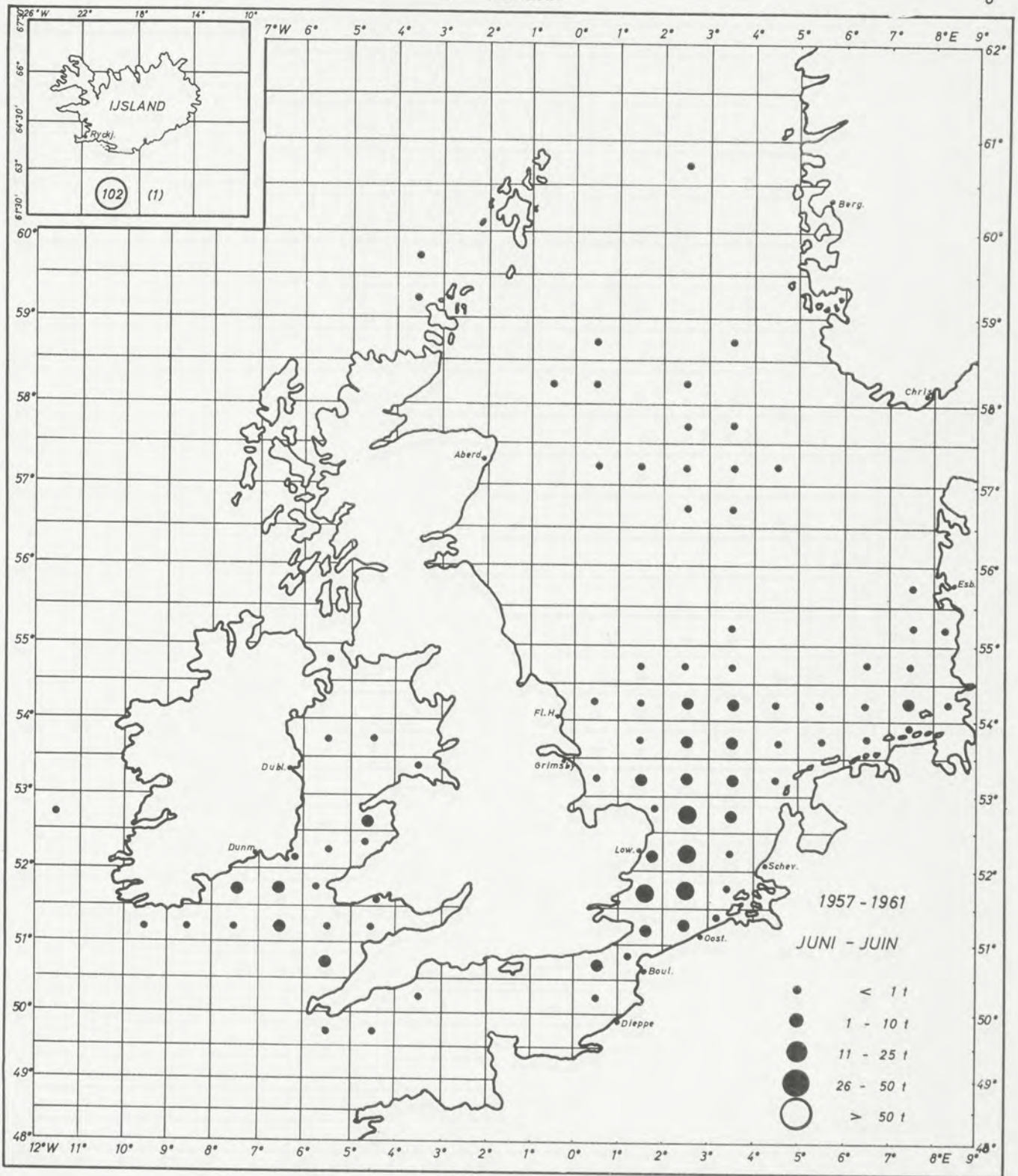


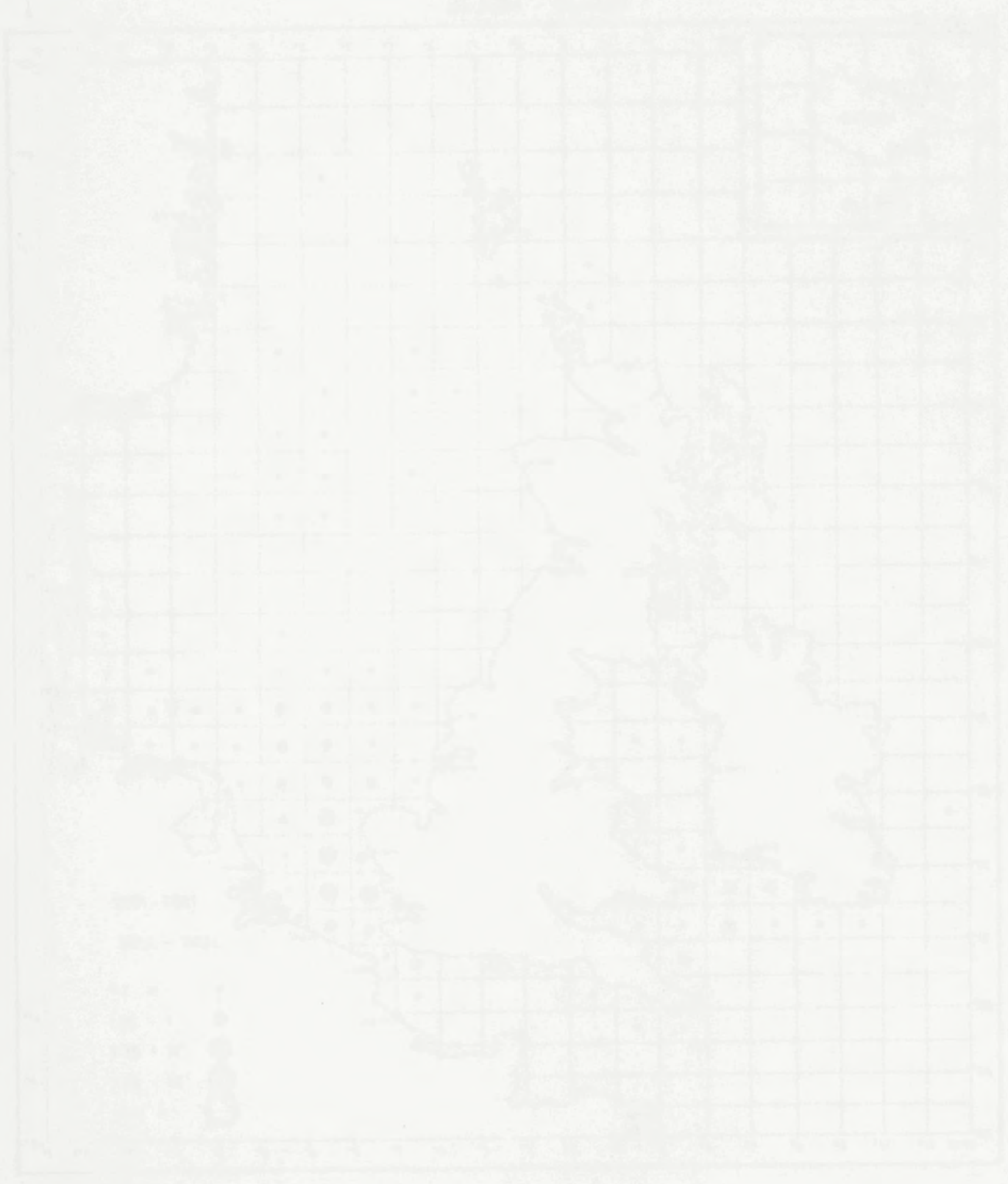
WIJTING - MERLAN

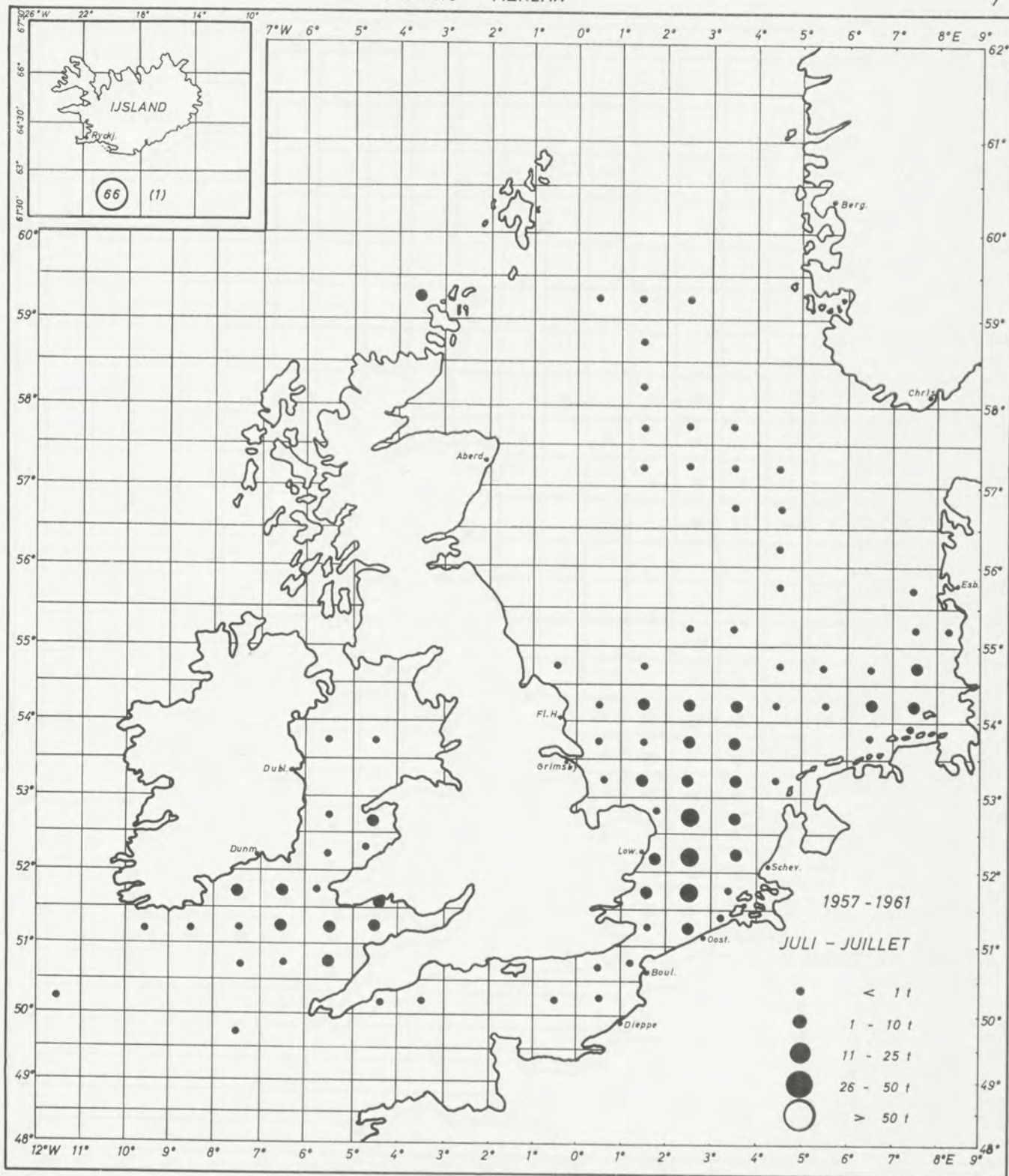


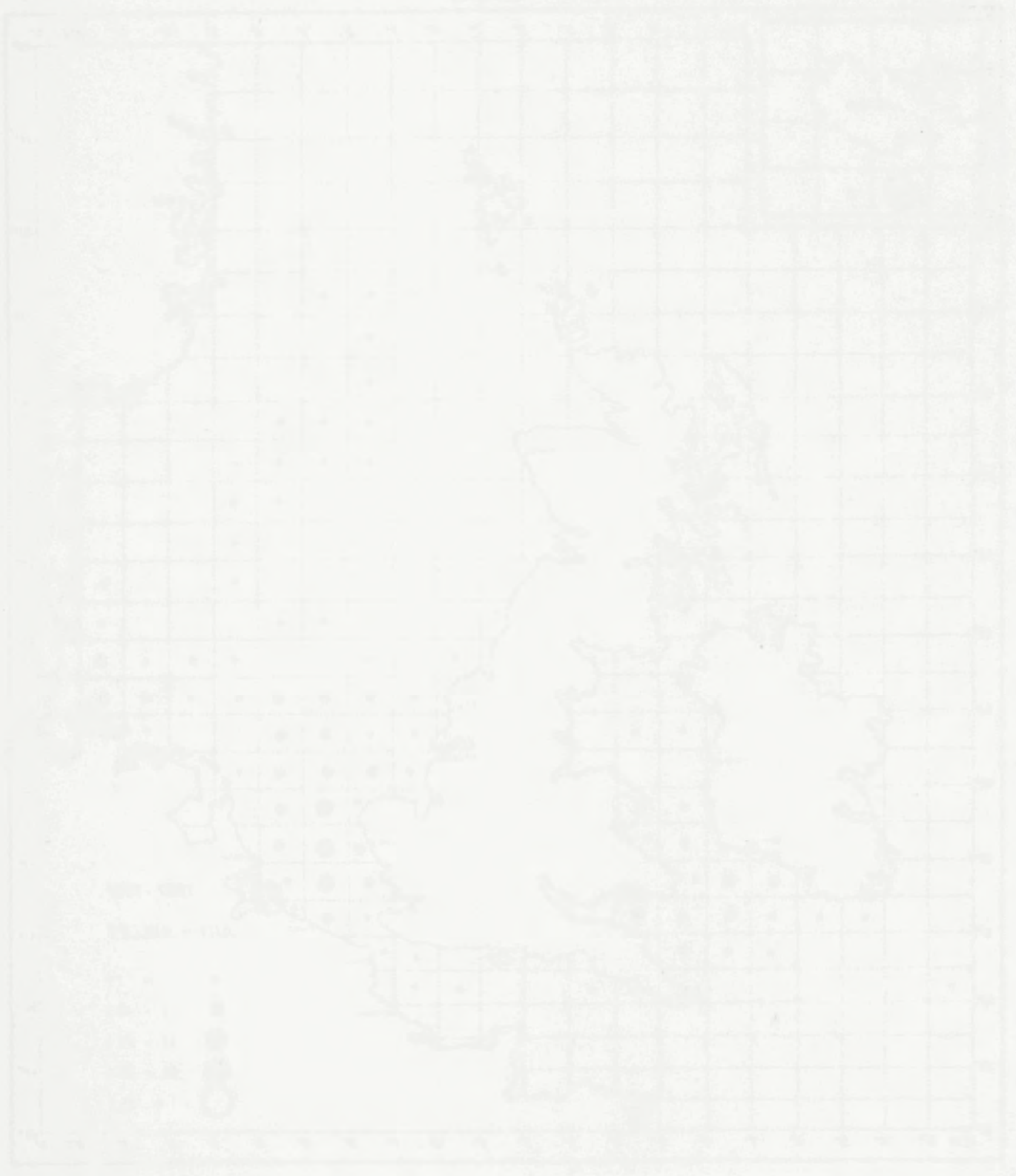


WIJTING - MERLAN

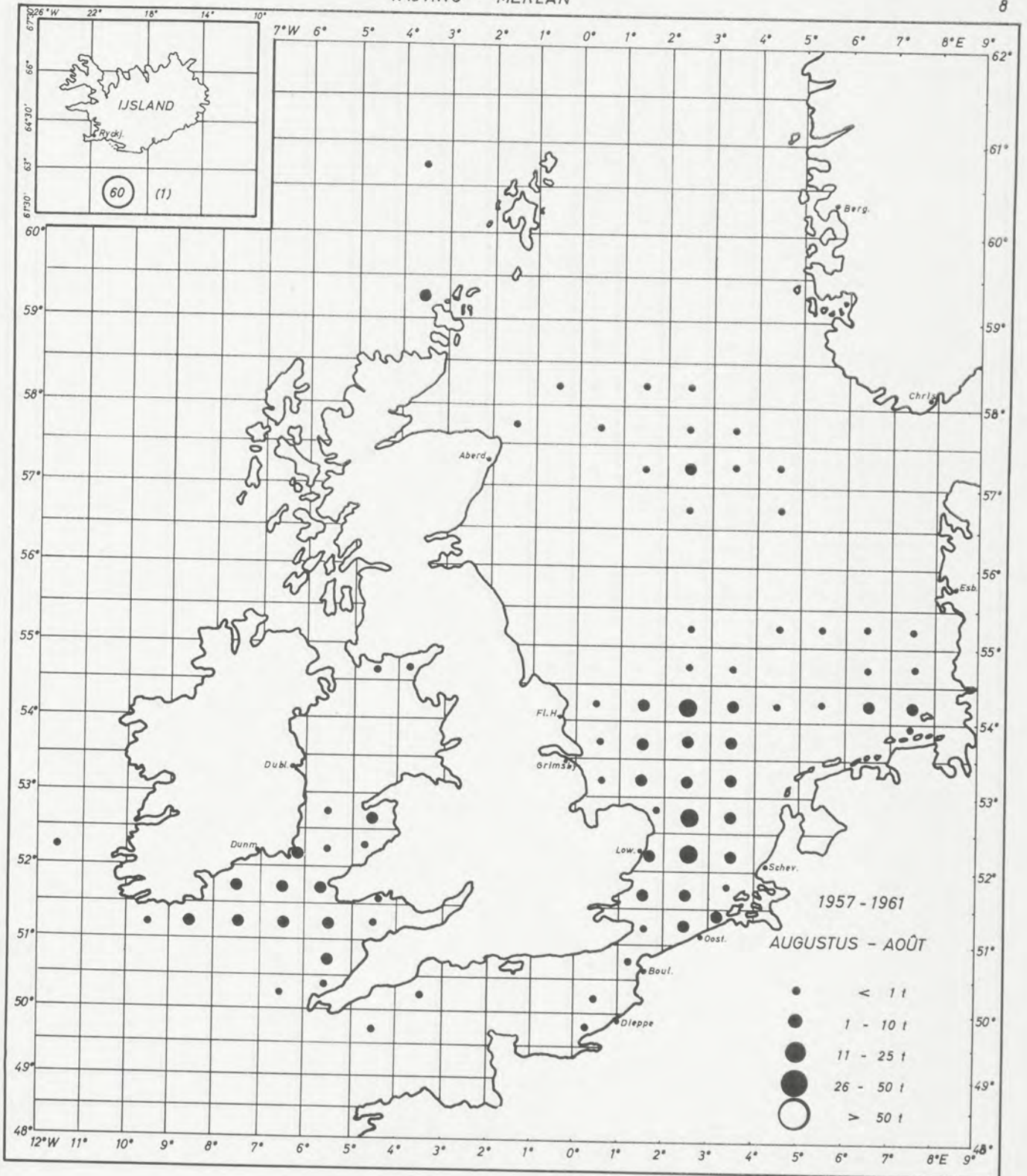




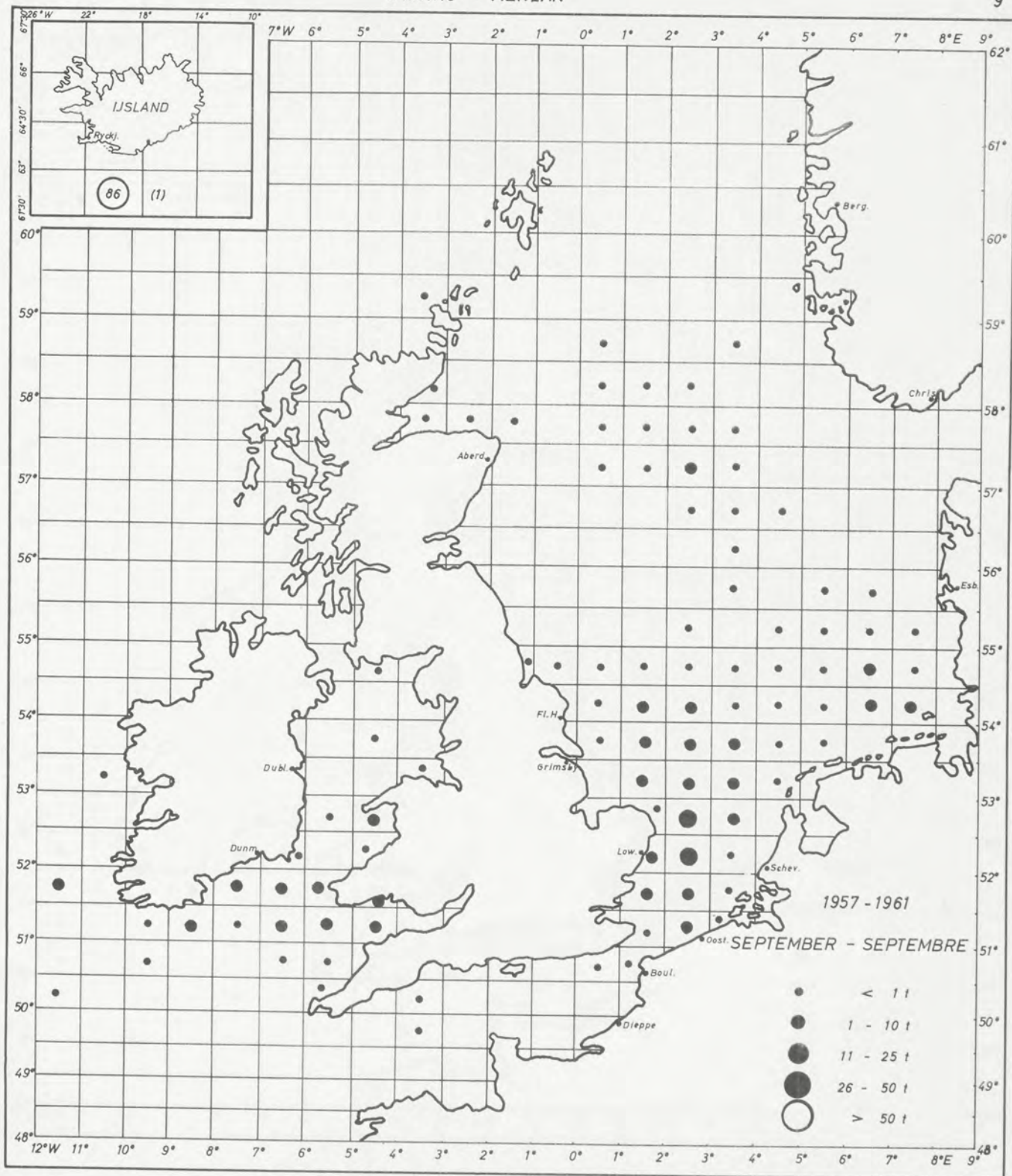




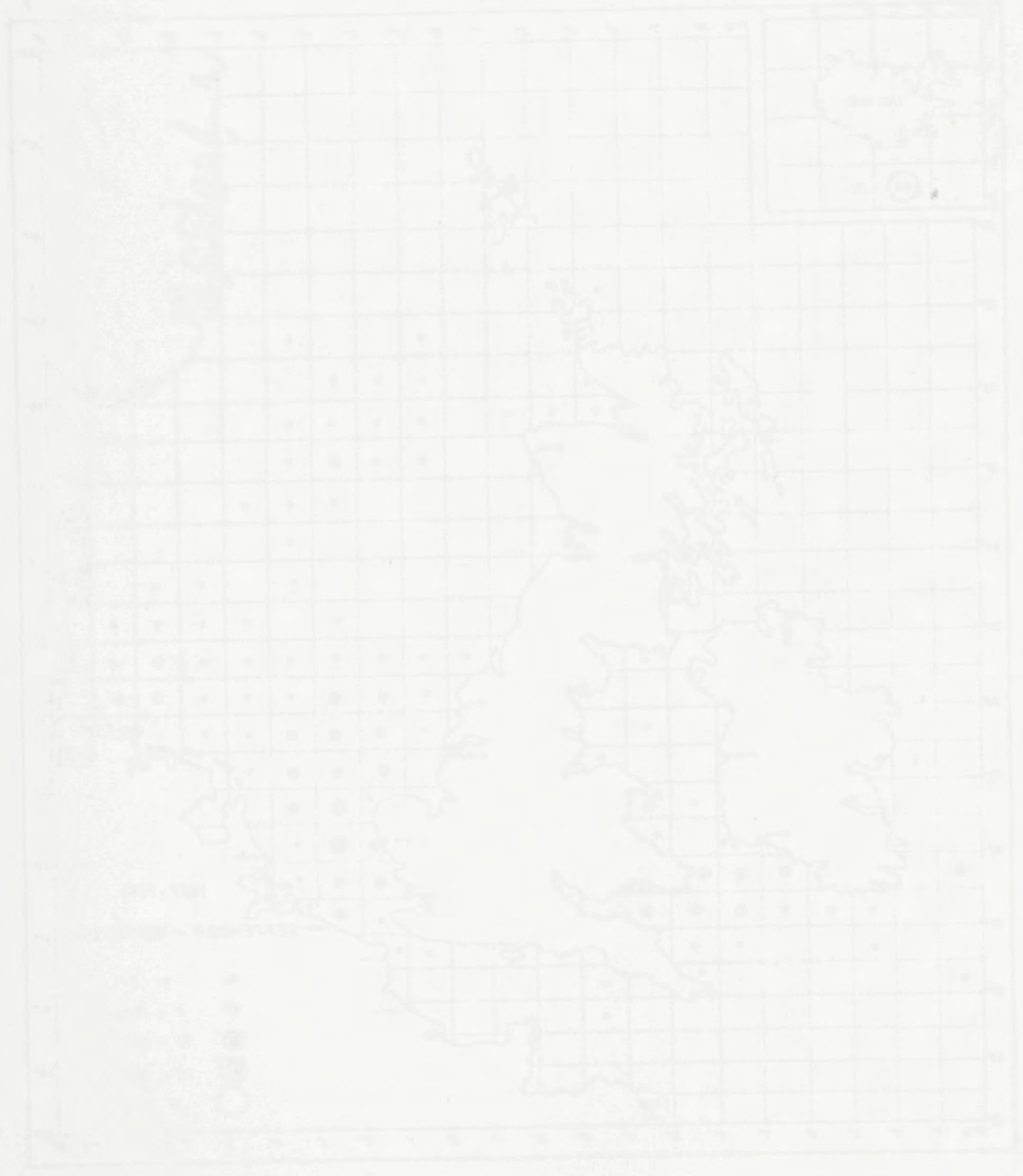
WIJTING - MERLAN

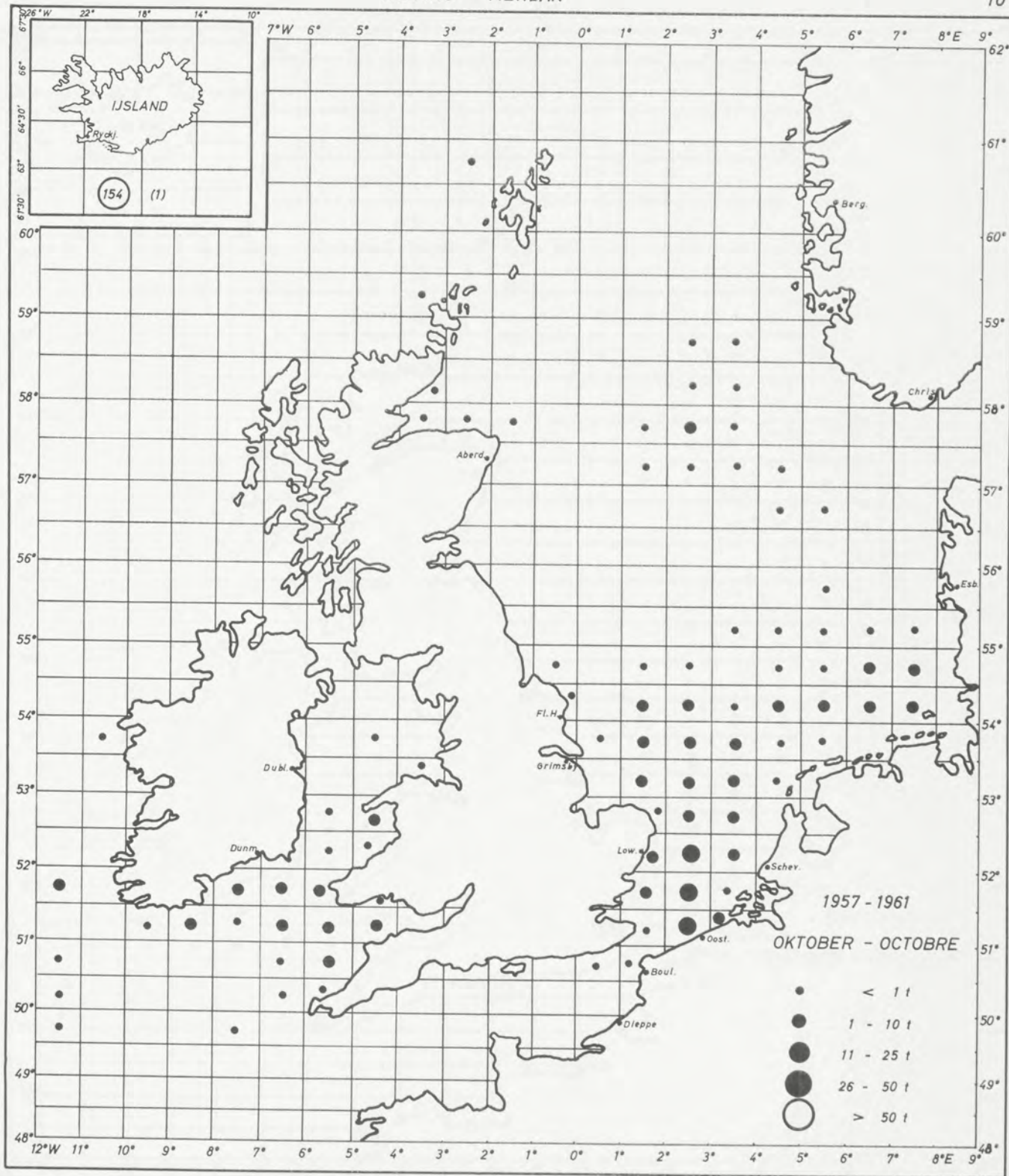


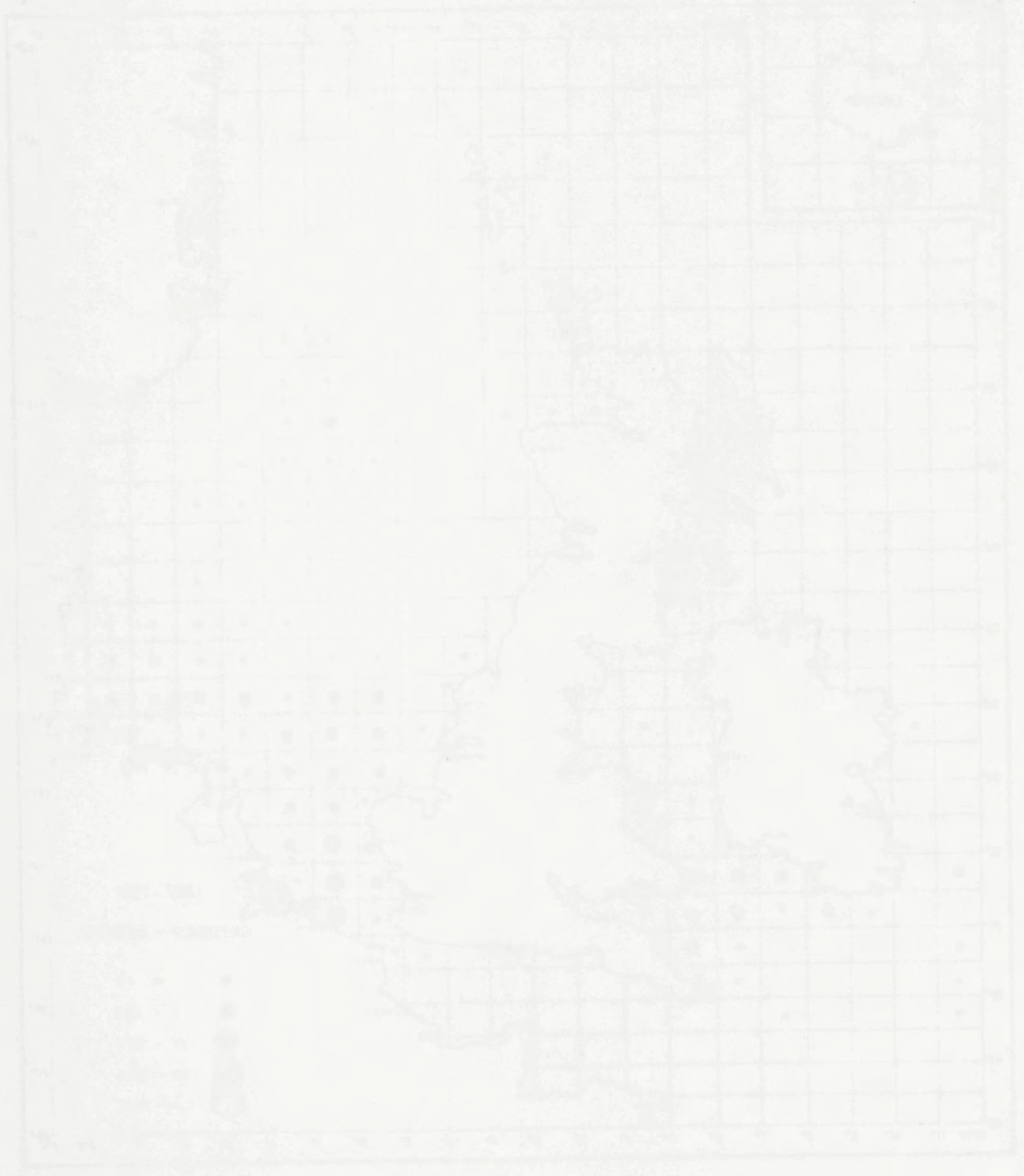


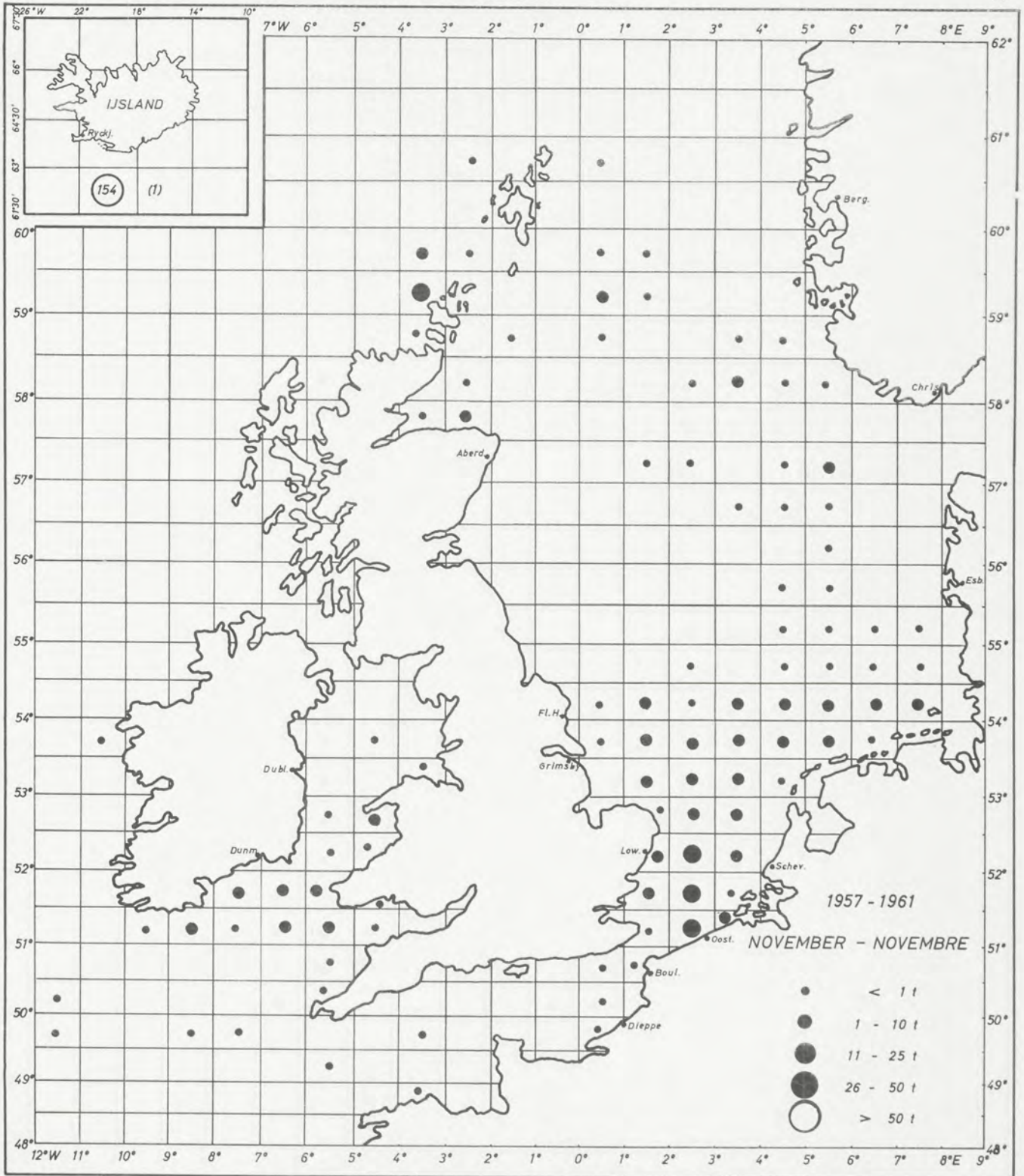


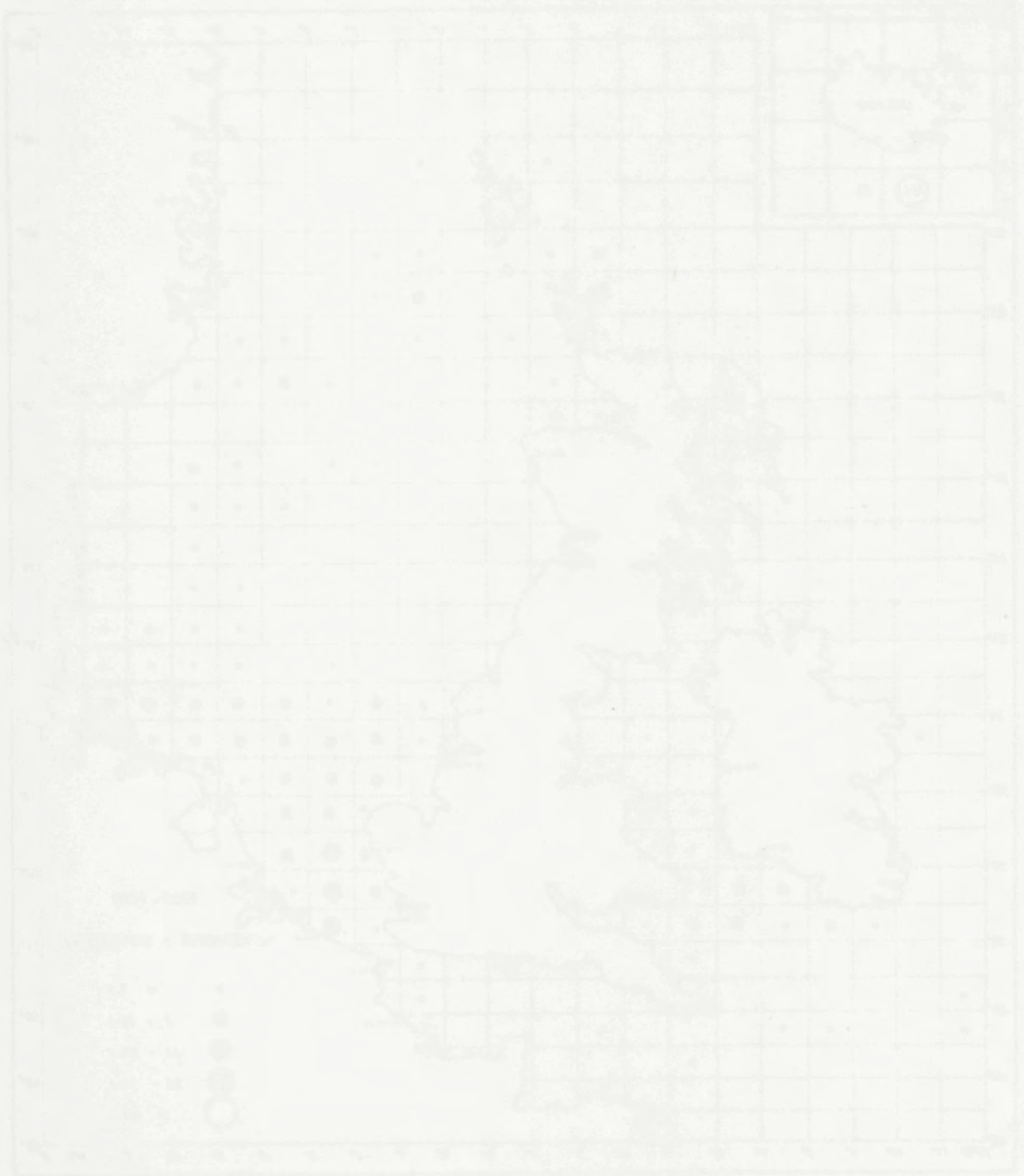
ALBERTA - WATSON



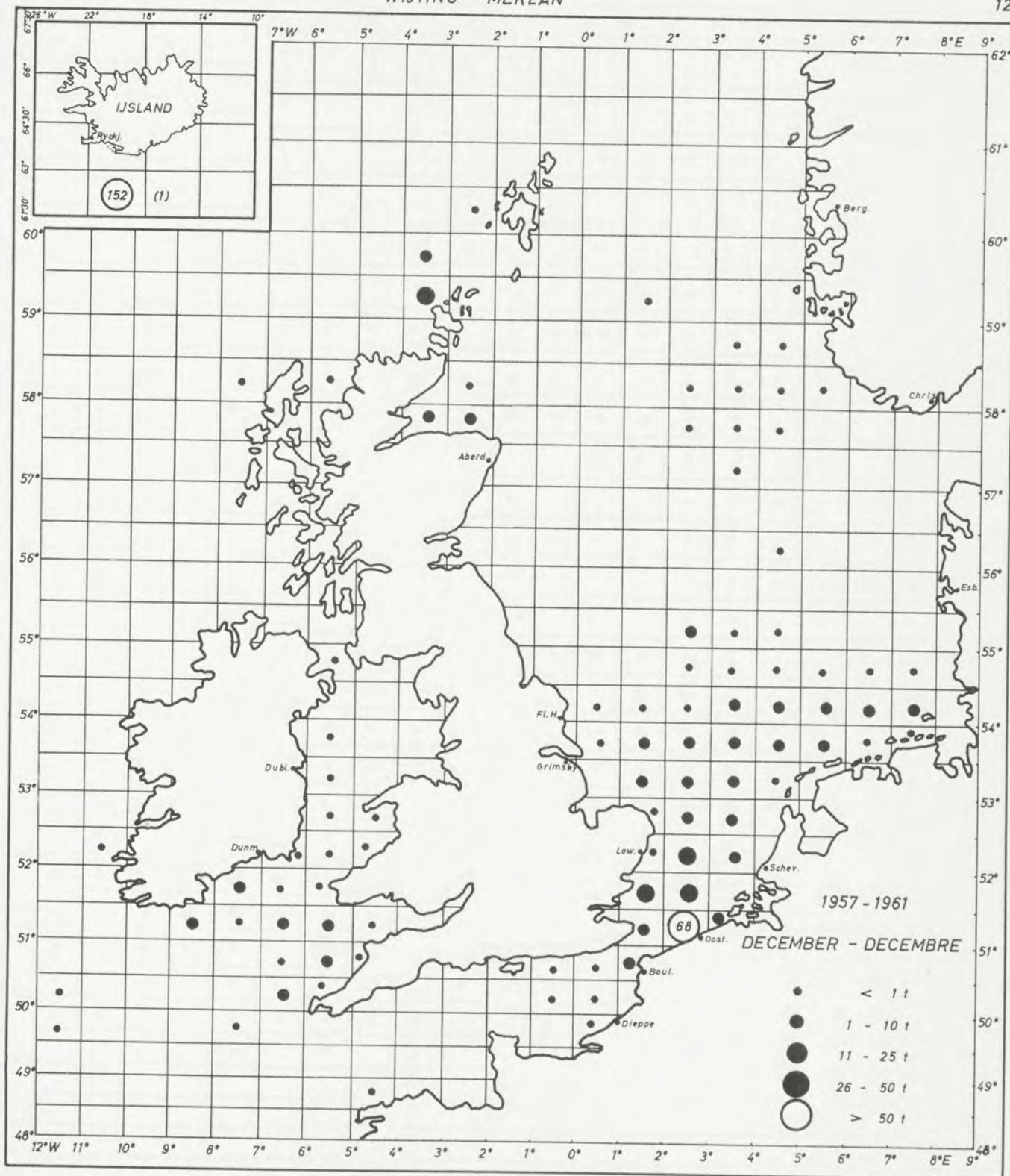




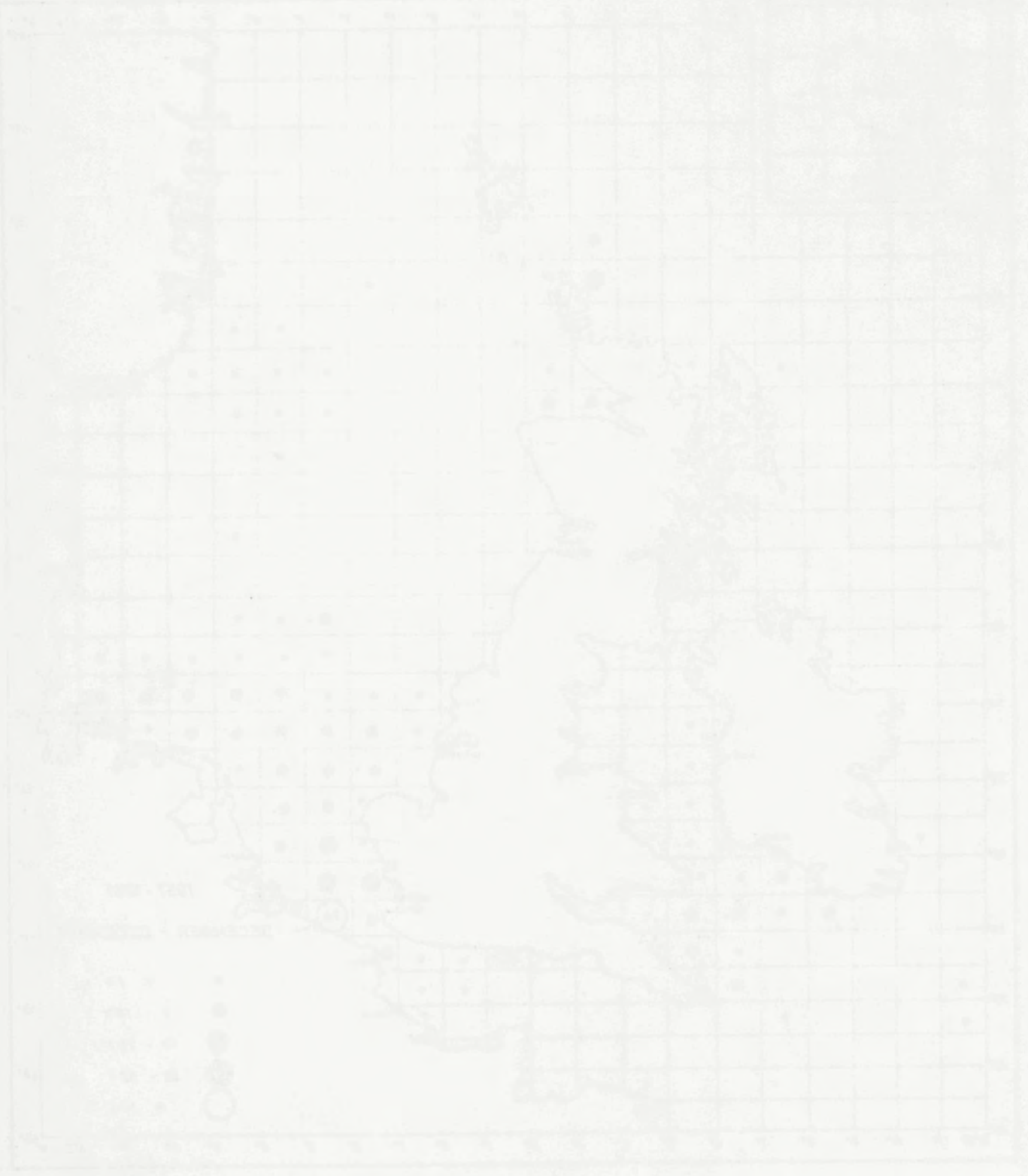


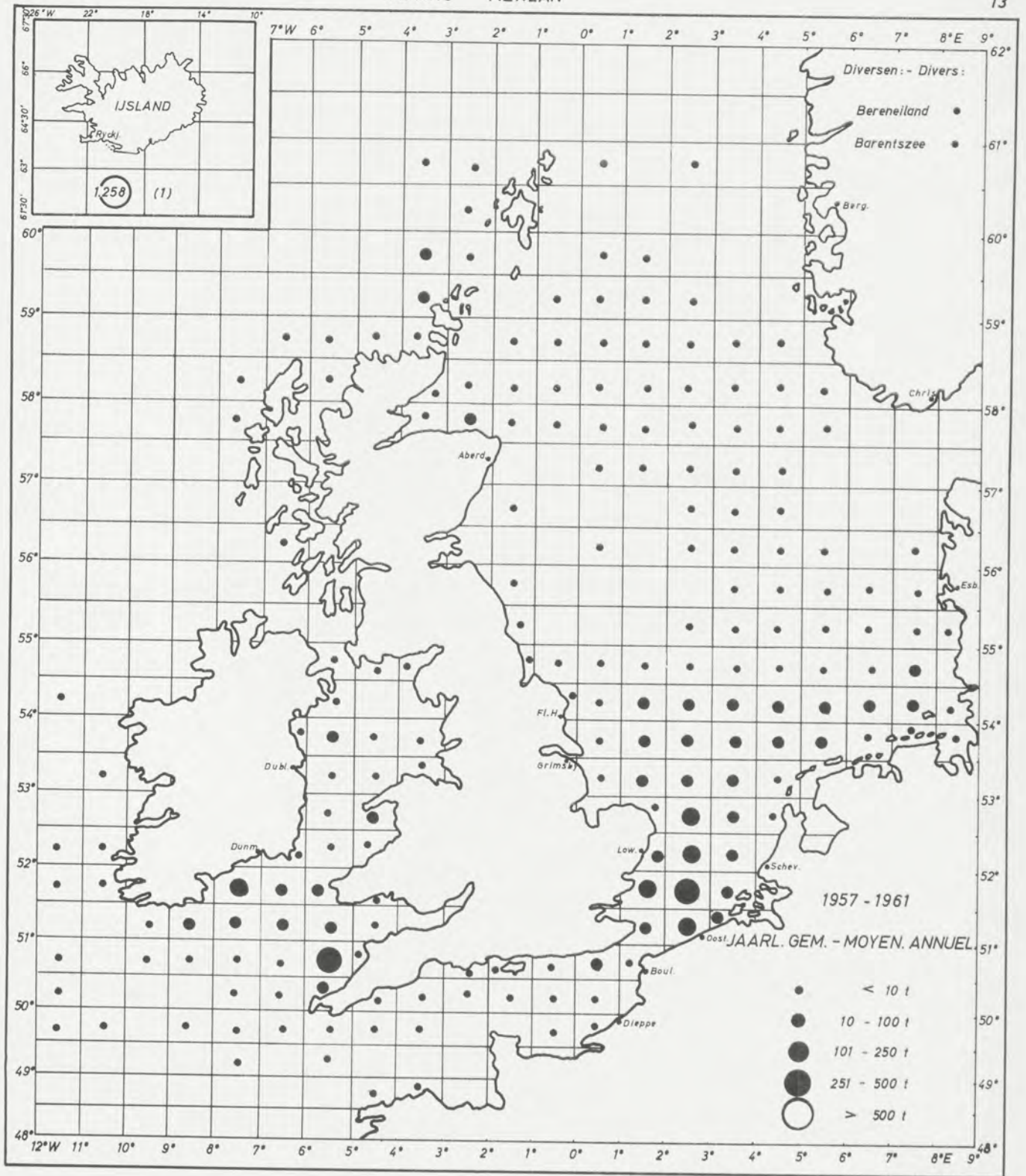


WIJTING - MERLAN



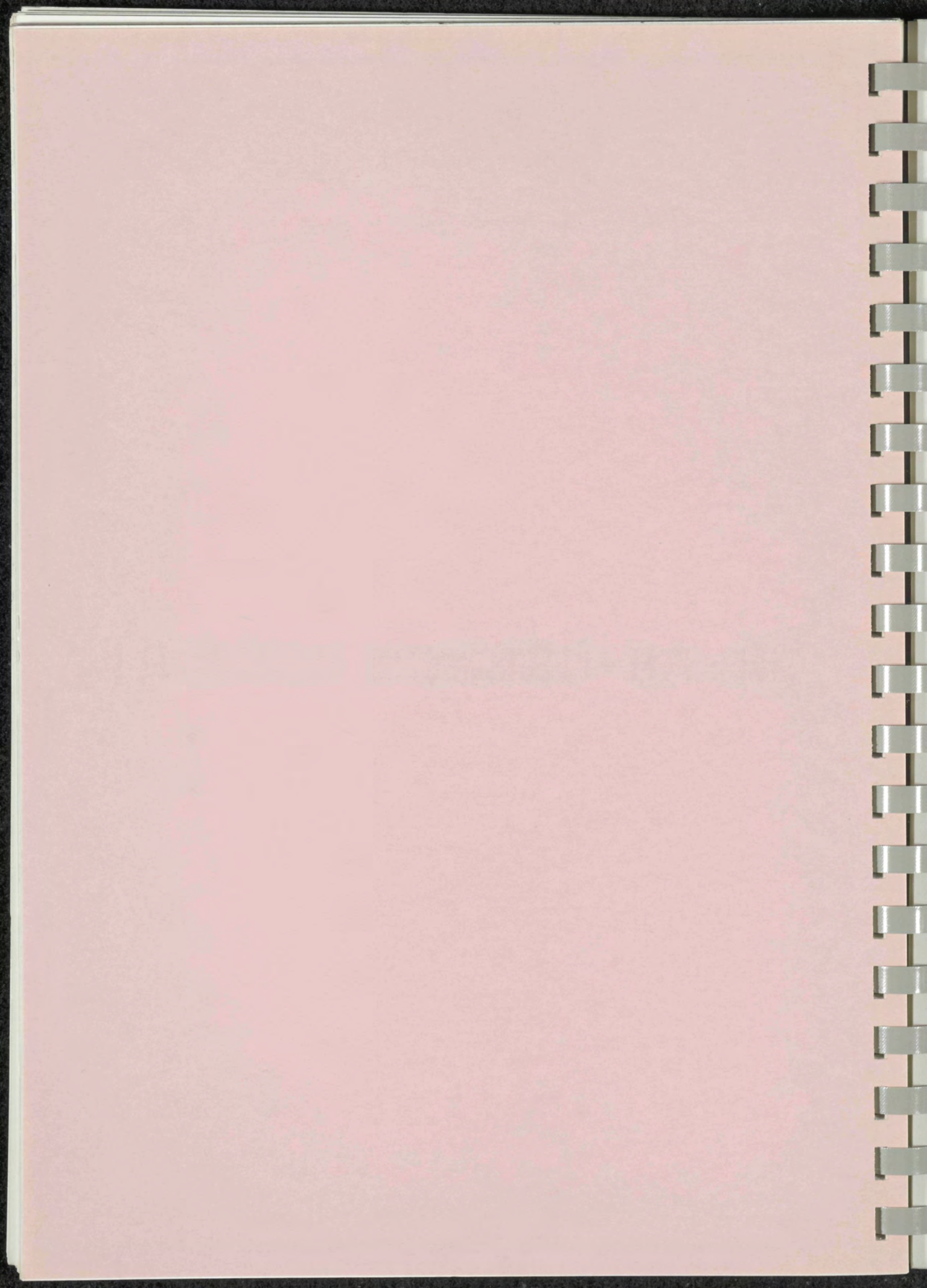
Map of ...







SCHOL - PLIE - PLEURONECTES PLATESSA (L.)



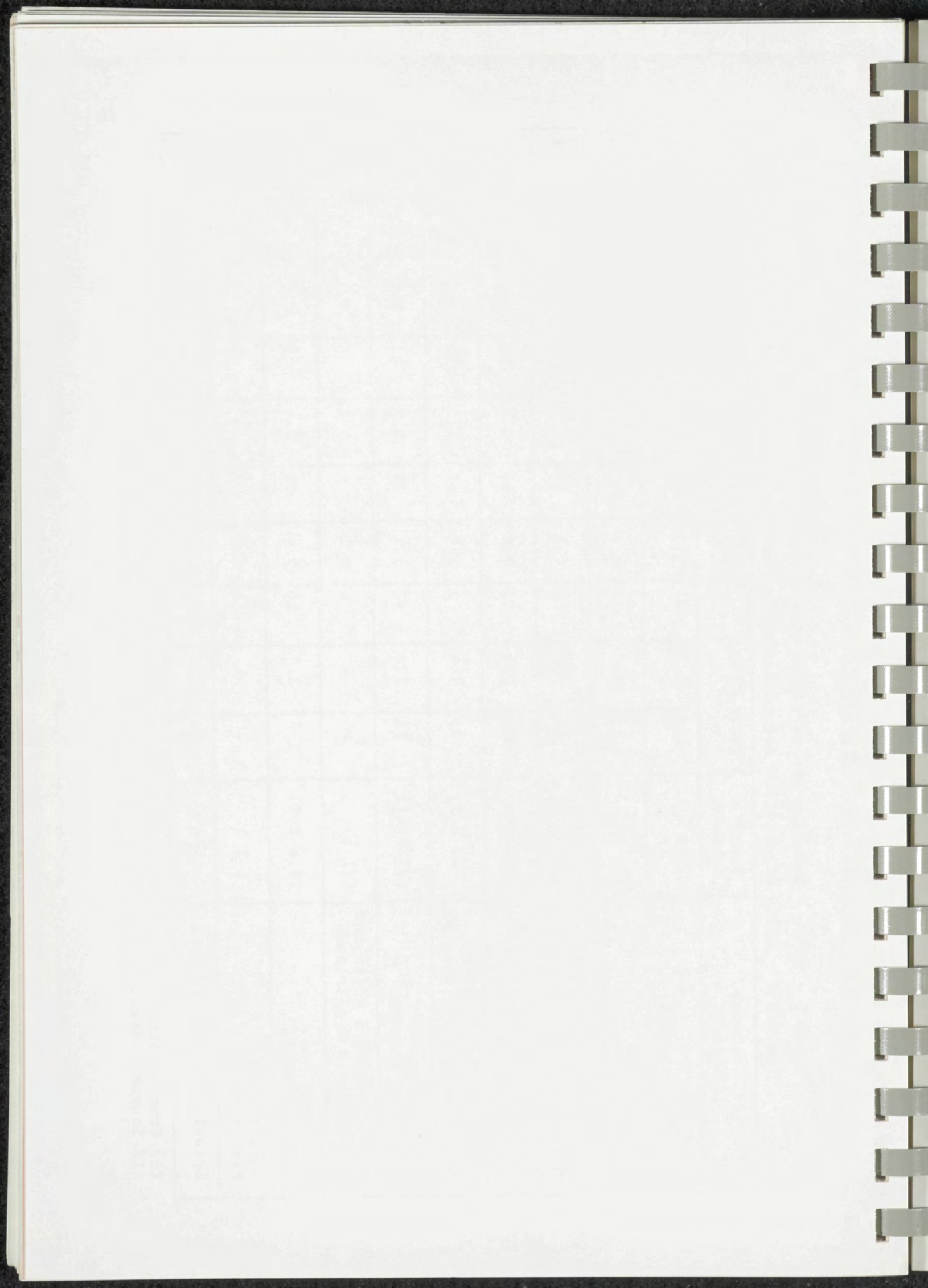
Tabel I - SCHOL - Indeling van de jaarlijkse vangst volgens de gebieden (1)

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

Gebieden Régions	Kaart A Carte A	1957 - 1961		1962		1963		1964		1965	
		t	%	t	%	t	%	t	%	t	%
N.Z. Zuid M.N. Méridionale	(IV c)	3165	68.0	2544	61.3	3098	60.8	2396	62.1	2388	67.6
N.Z. Midden M.N. Centrale	(IV b)	1149	24.7	1360	32.8	1818	35.8	913	23.7	582	16.5
N.Z. Noord M.N. Septentrionale	(IV a)	51	1.1	96	2.3	14	0.3	42	1.1	18	0.5
Engels Kanaal Manche	(VII d e)	23	0.5	21	0.6	29	0.6	25	0.6	31	0.9
Ierse Z. & Bristol Kan. Mer d'Irlande & C. Bristol	(VII a f)	65	1.4	61	1.4	68	1.3	391	10.1	342	9.7
Z. & W. Ierland S. & W. d'Irlande	(VII bghj)	75	1.6	47	1.1	38	0.7	81	2.1	114	3.2
N.W. Schotland & N. Ierland N.W. Ecosse & N. d'Irlande	(VI a)	-	-	5	0.1	4	0.1	4	0.1	-	-
Ijslandse Zee Mer d'Islande	(V a 1,2)	126	2.7	16	0.4	22	0.4	8	0.2	56	1.6
Barents zee Mer de Barents	(I)	-	-	1	0.0	-	-	-	-	-	-
Totaal - Total		4654	100.0	4151	100.0	5091	100.0	3860	100.0	3531	100.0

(1) Bron : Dienst voor de Zeevisserij, Oostende

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



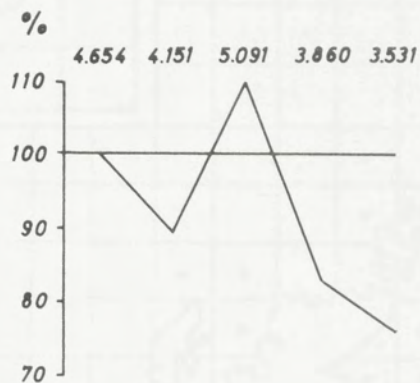


Fig. 1. Jaarlijkse aanvoer in t
Apports annuels en t

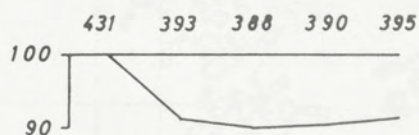


Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navires en activité

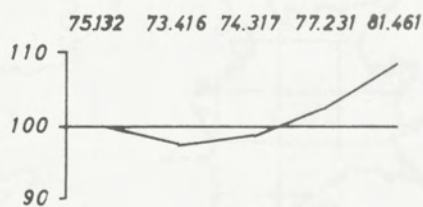


Fig. 3. Drijfkracht (pk)
Force motrice (cx)

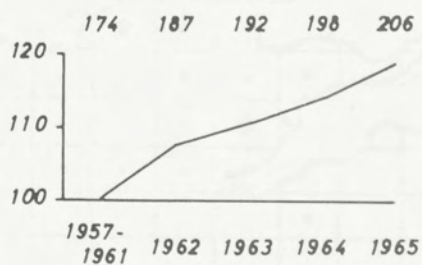


Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cx par navire

2000 - 2001

1. 2000 - 2001



2. 2000 - 2001

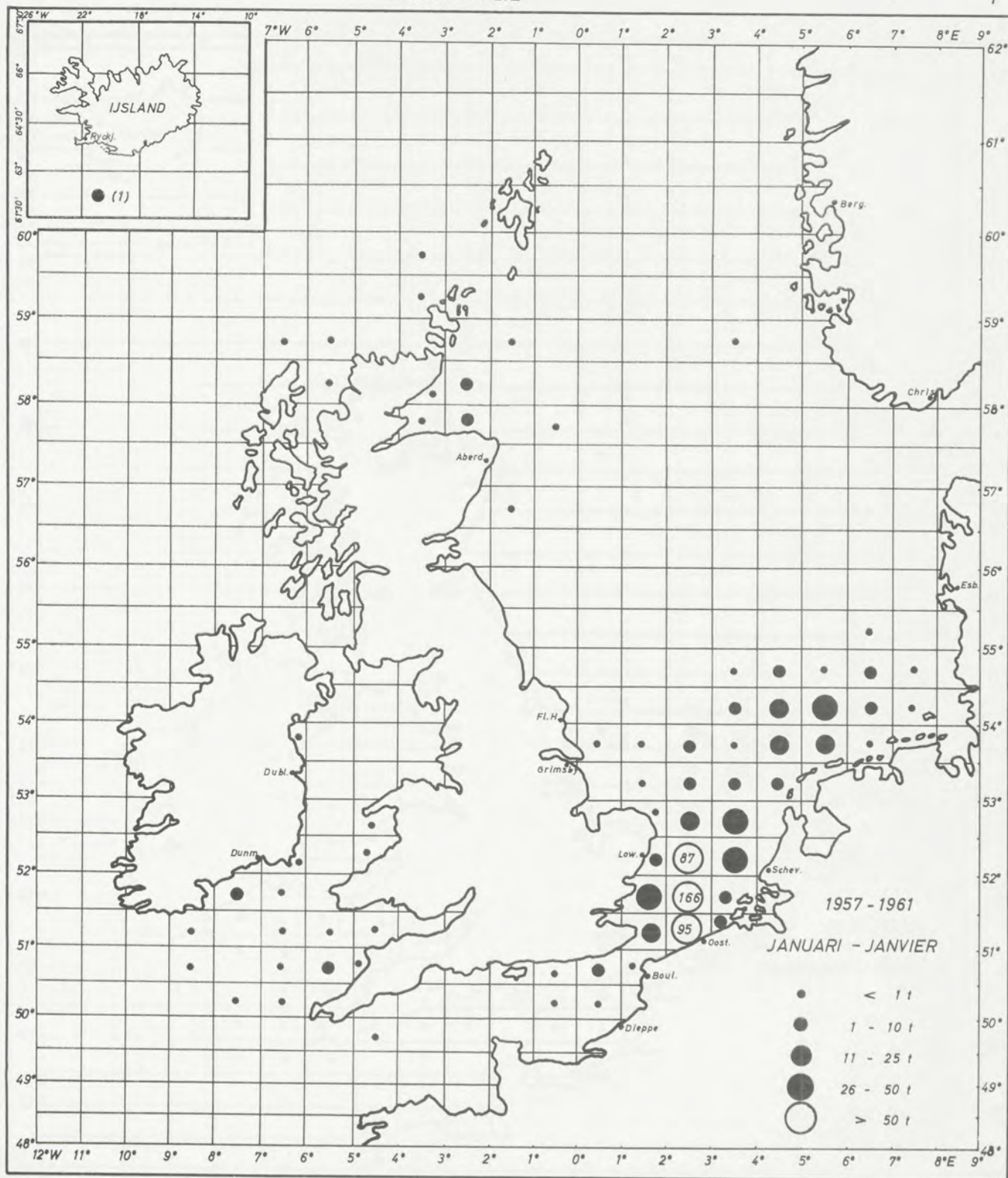


3. 2000 - 2001



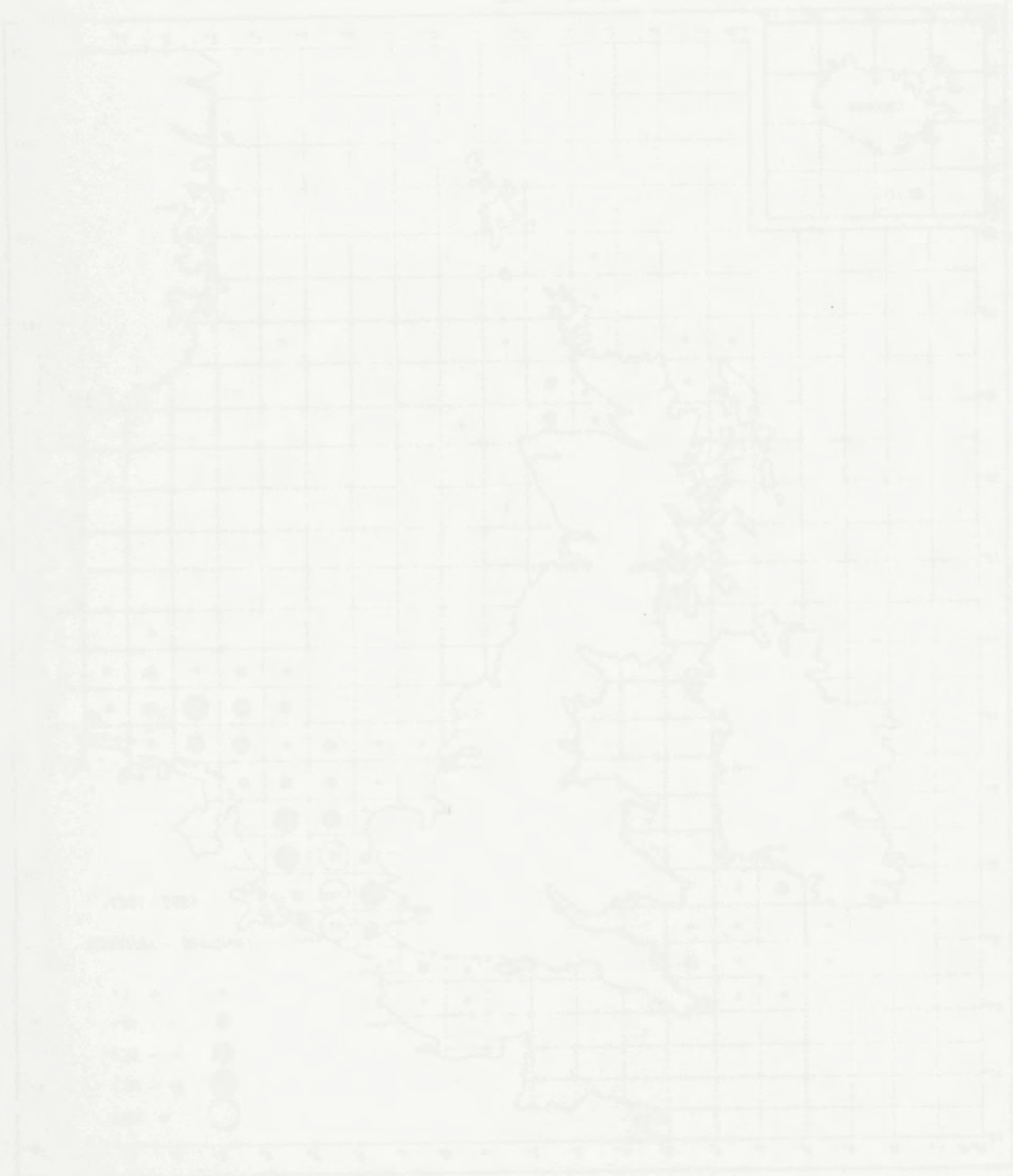
4. 2000 - 2001



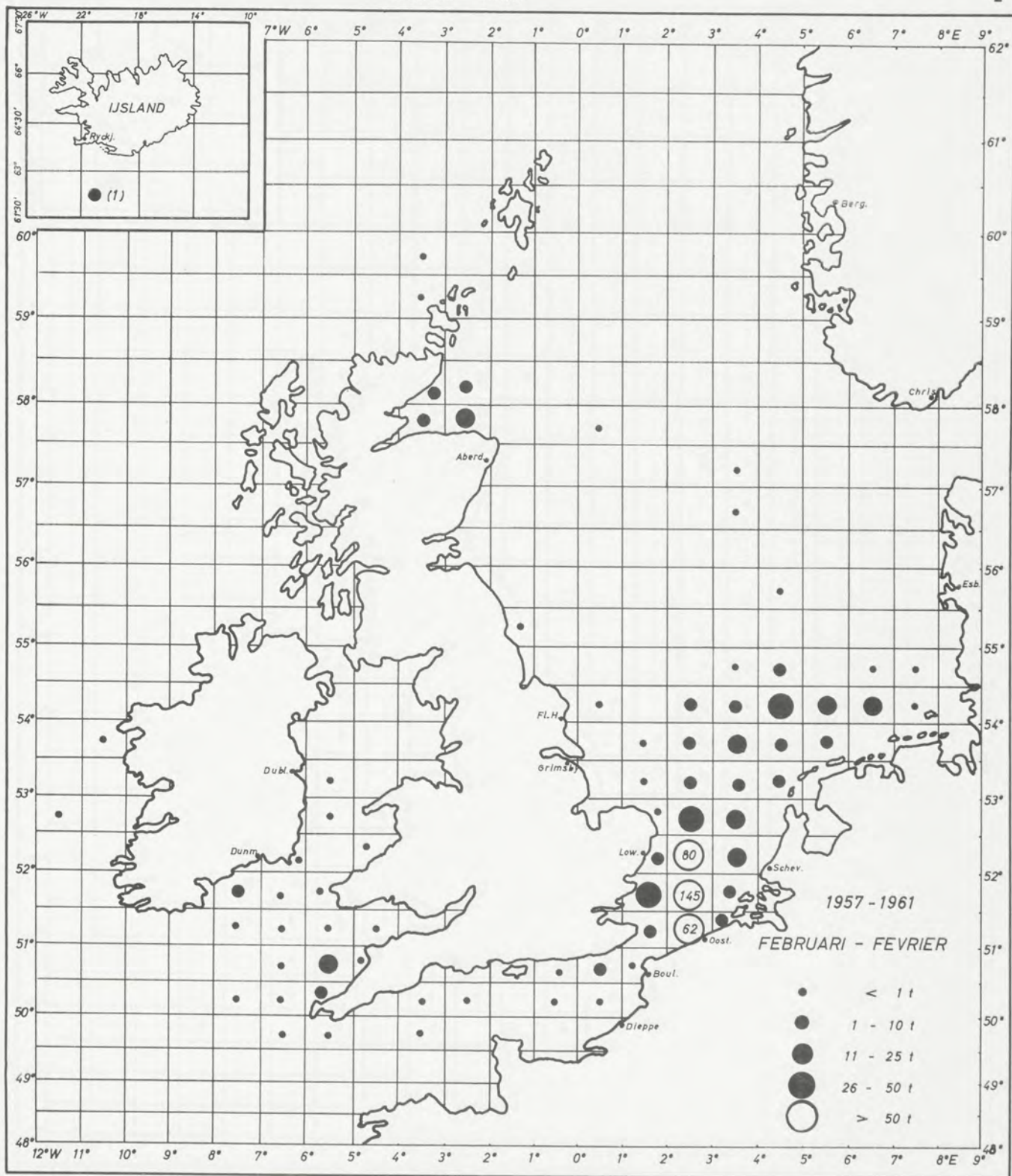


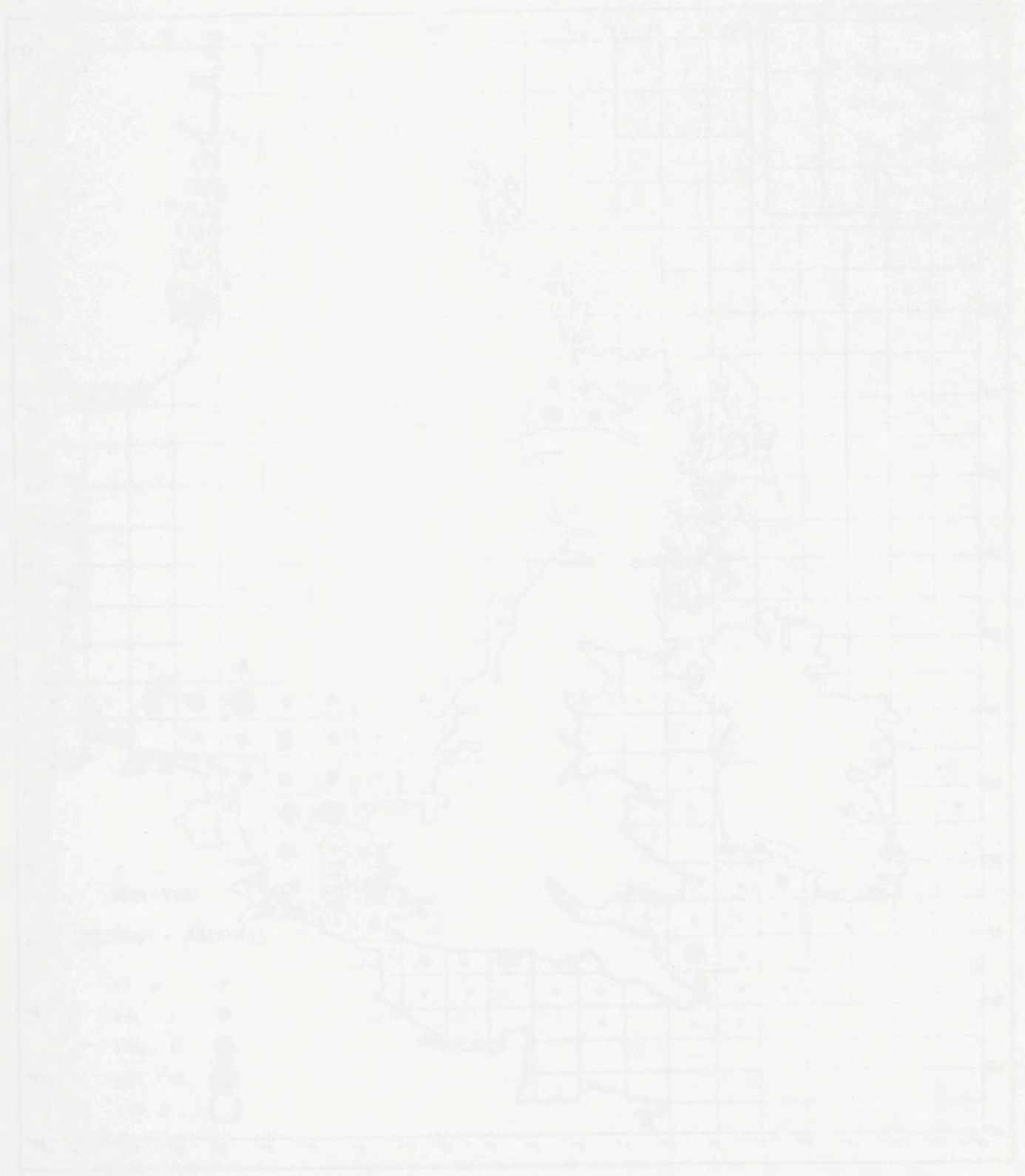
(1) Totaal van de ijslandse wateren

(1) Total des eaux Islandaises



Map showing the location of the study area in the world.

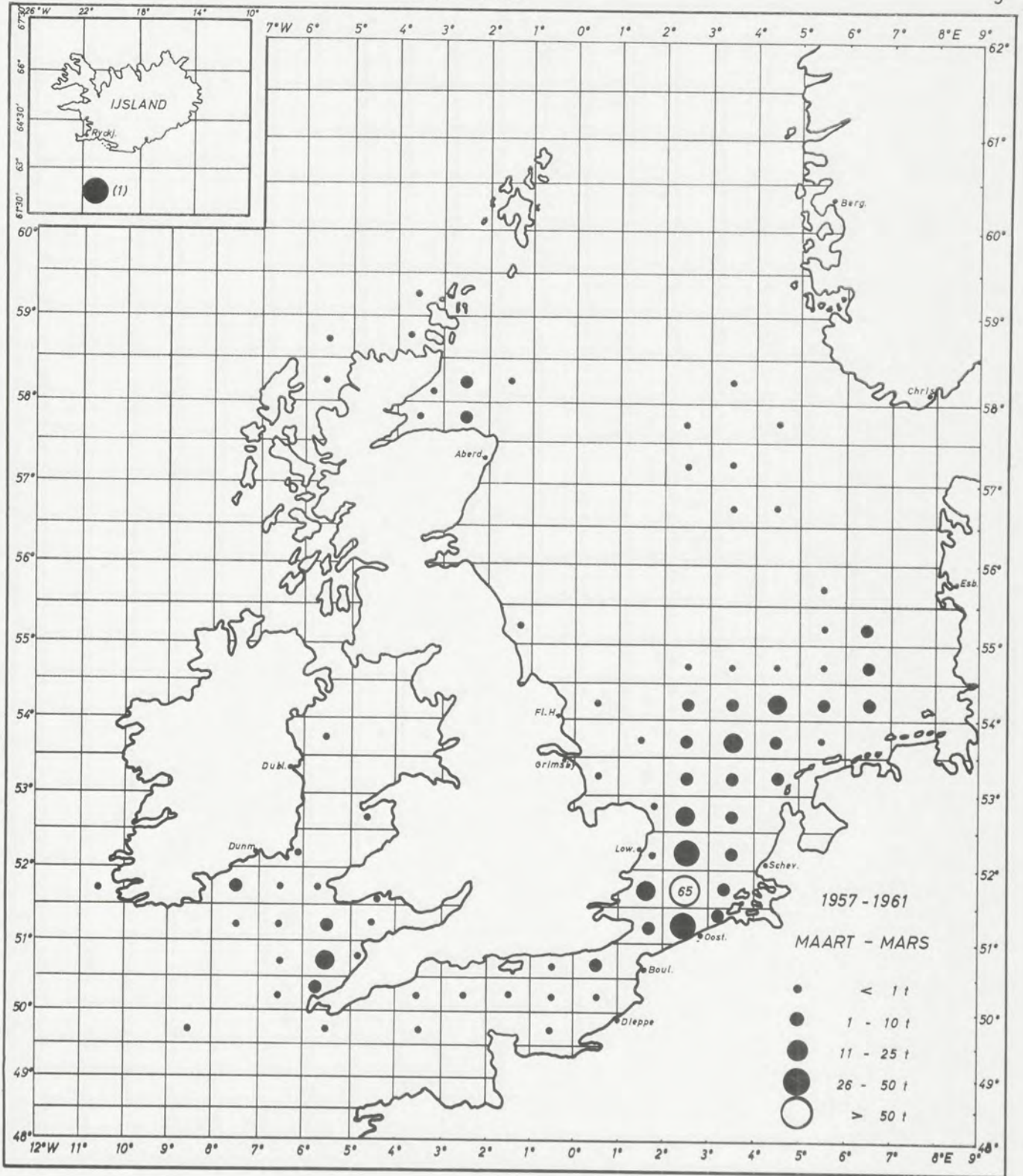


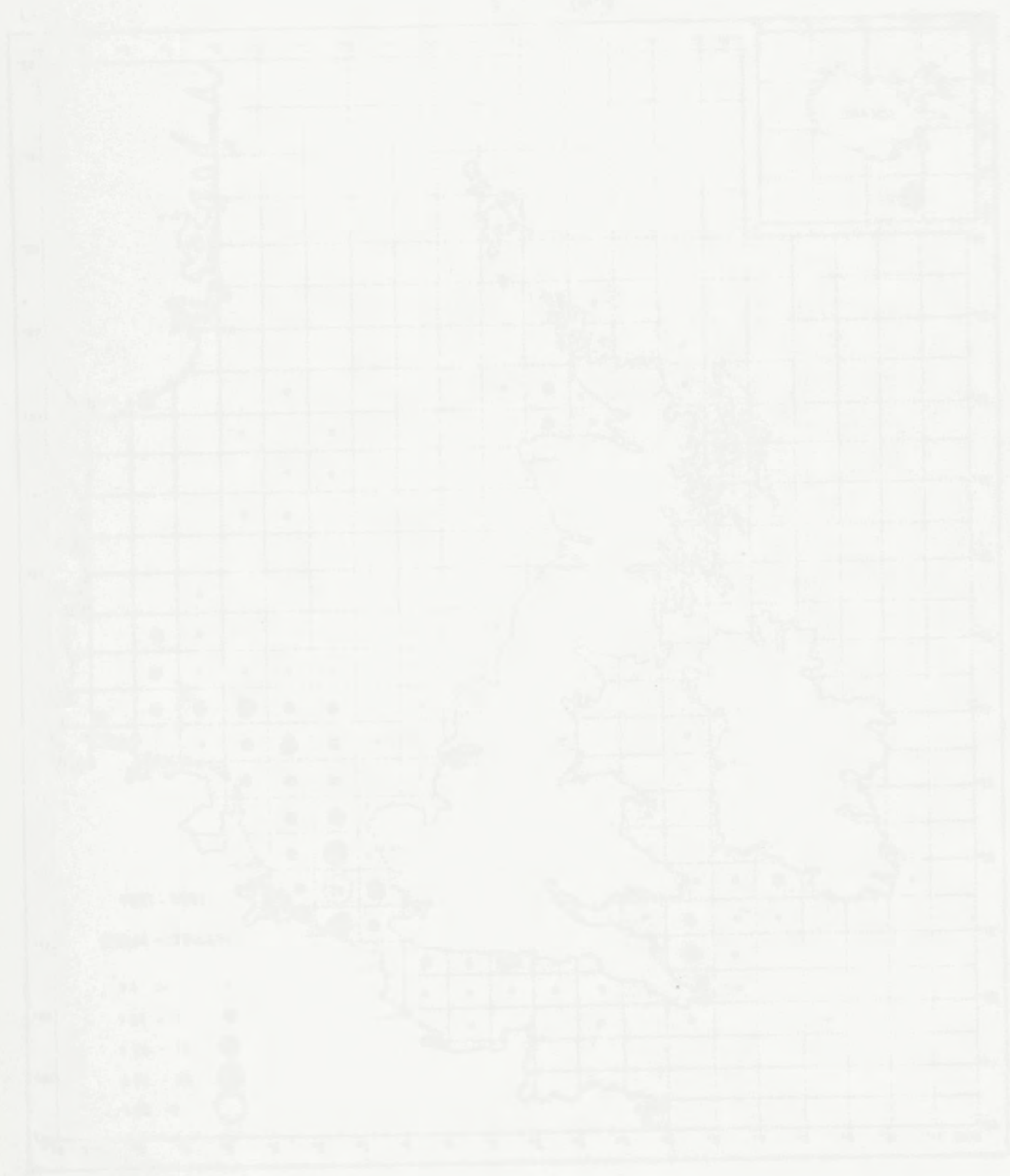


Cape

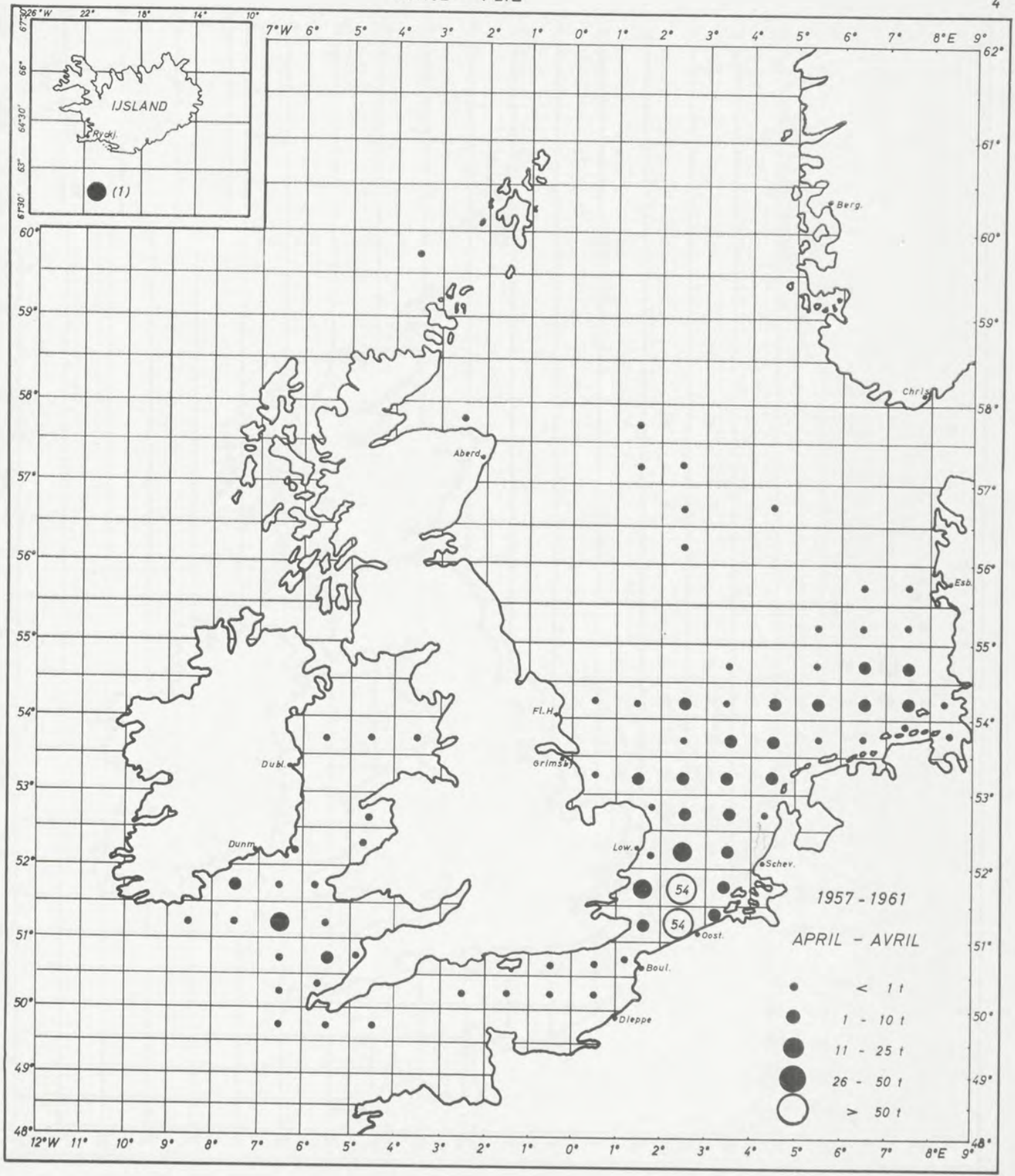
1850
1855
1860
1865
1870
1875
1880
1885
1890
1895
1900

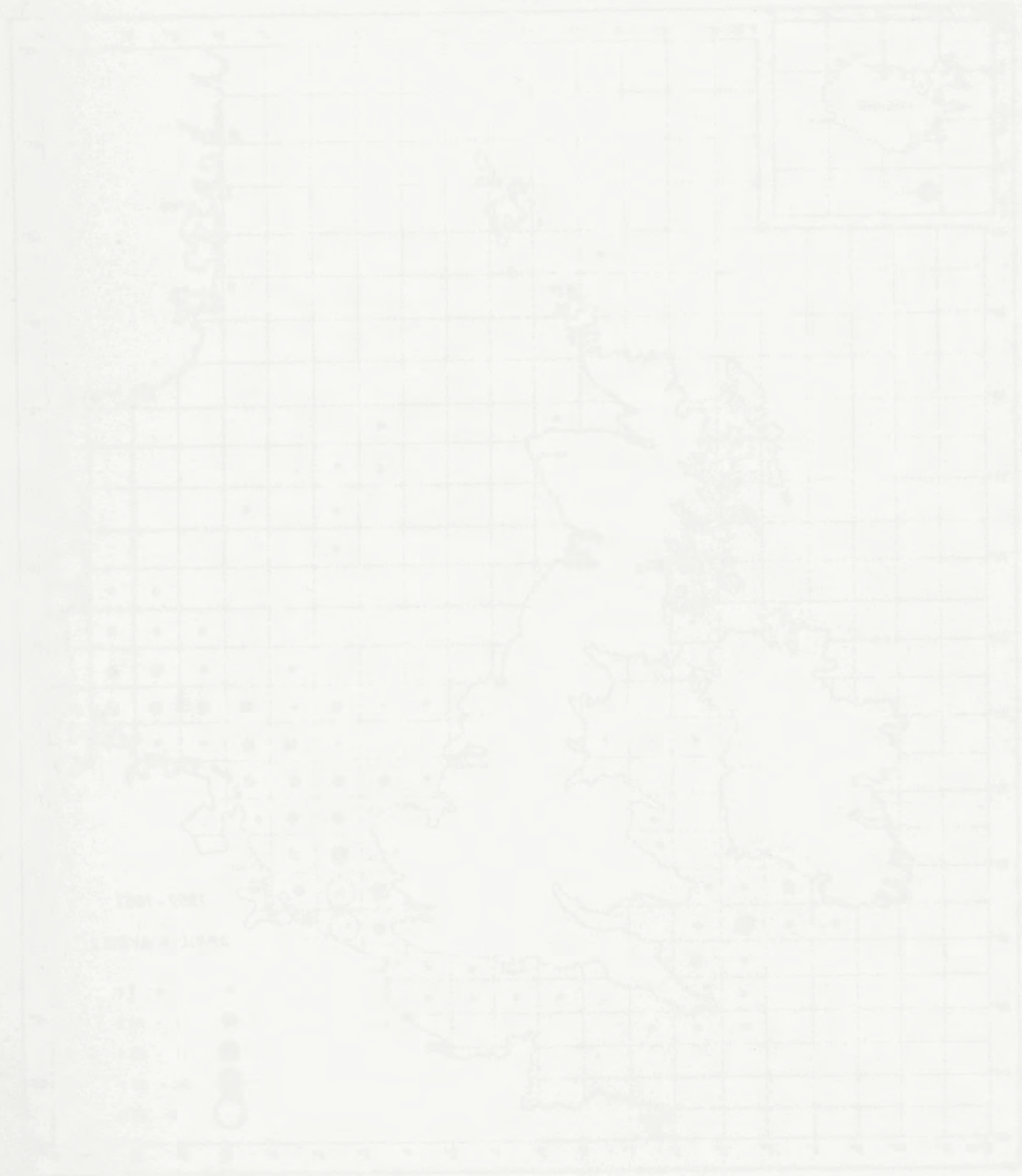


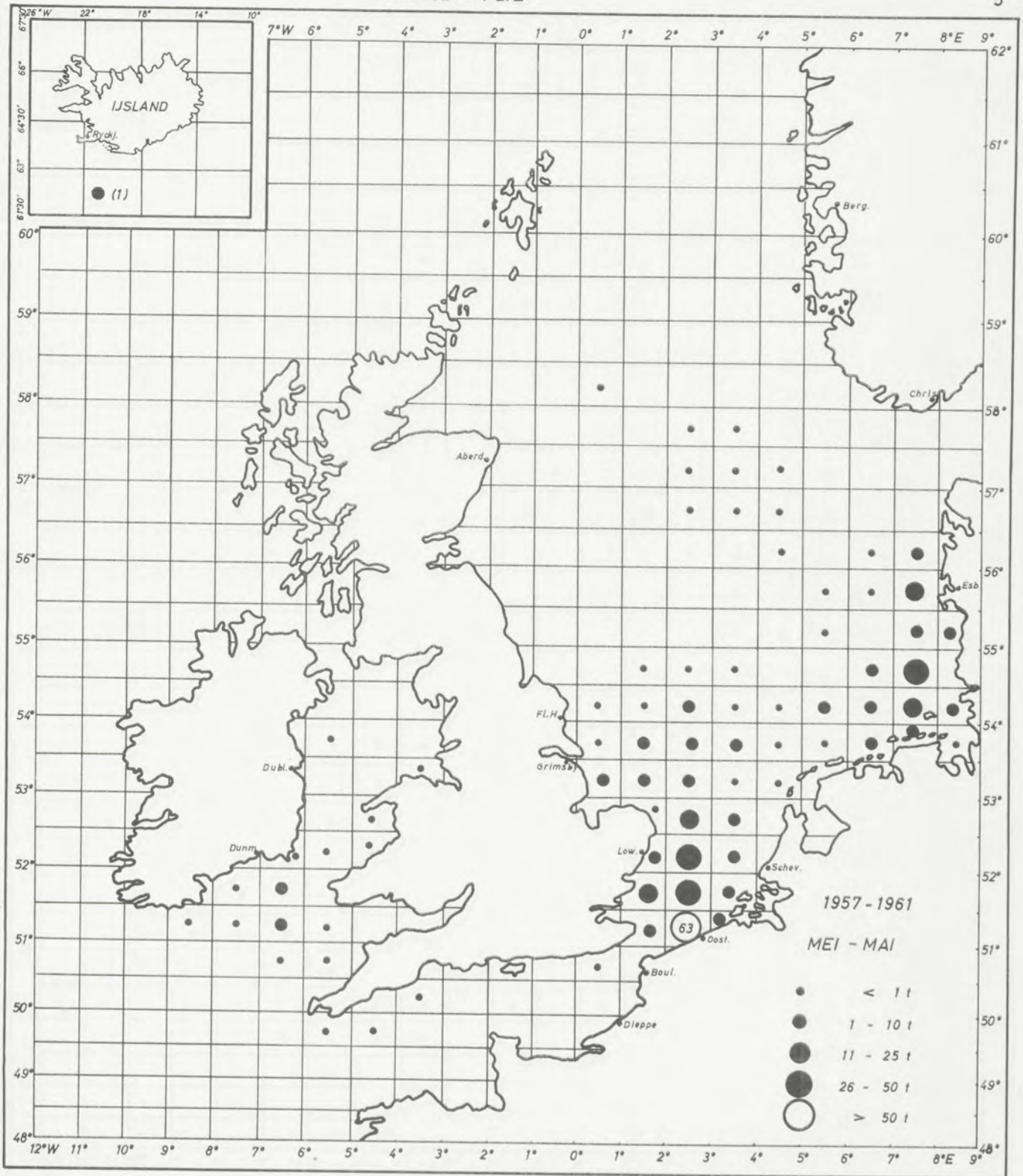




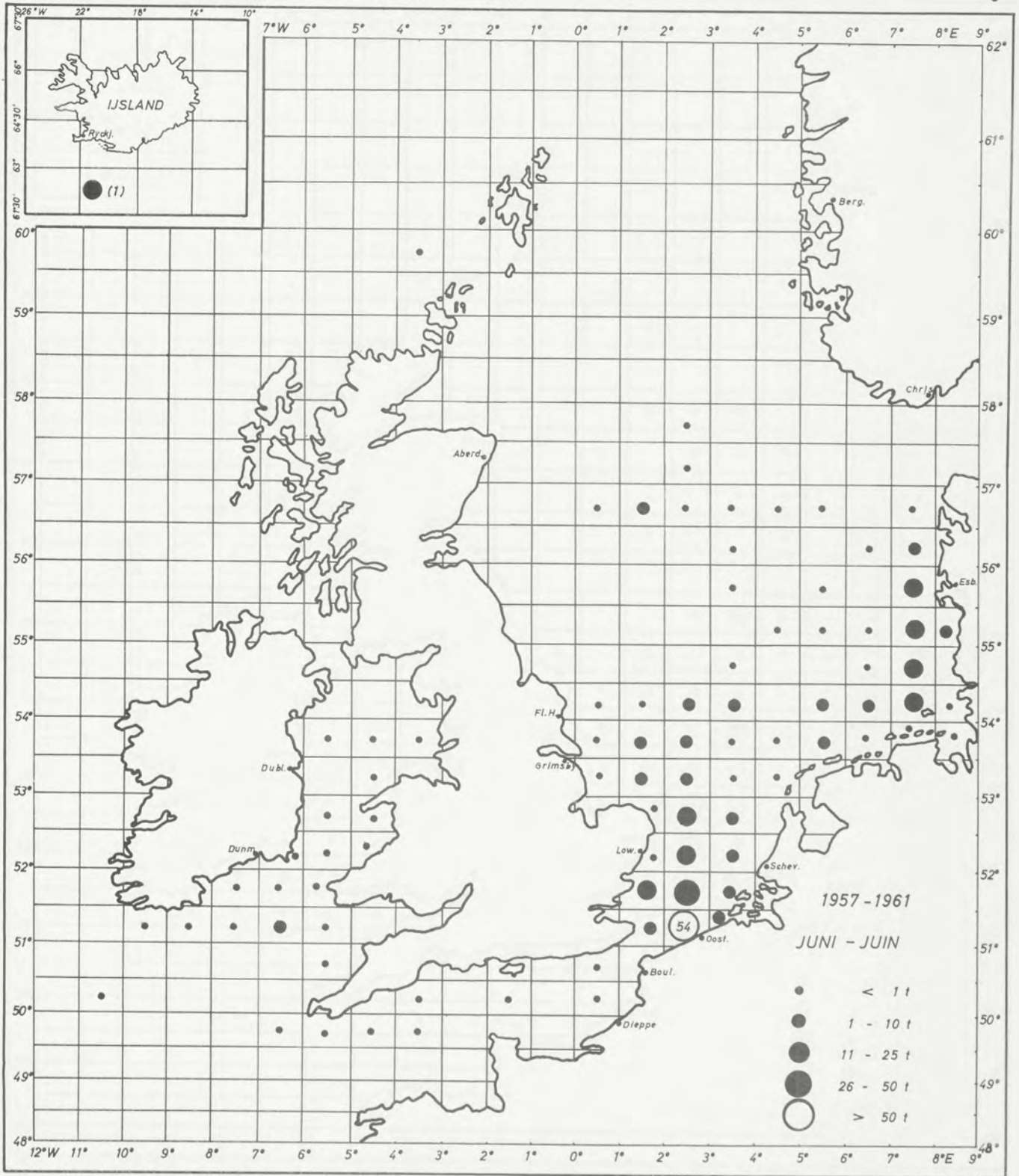
SCHOL - PLIE

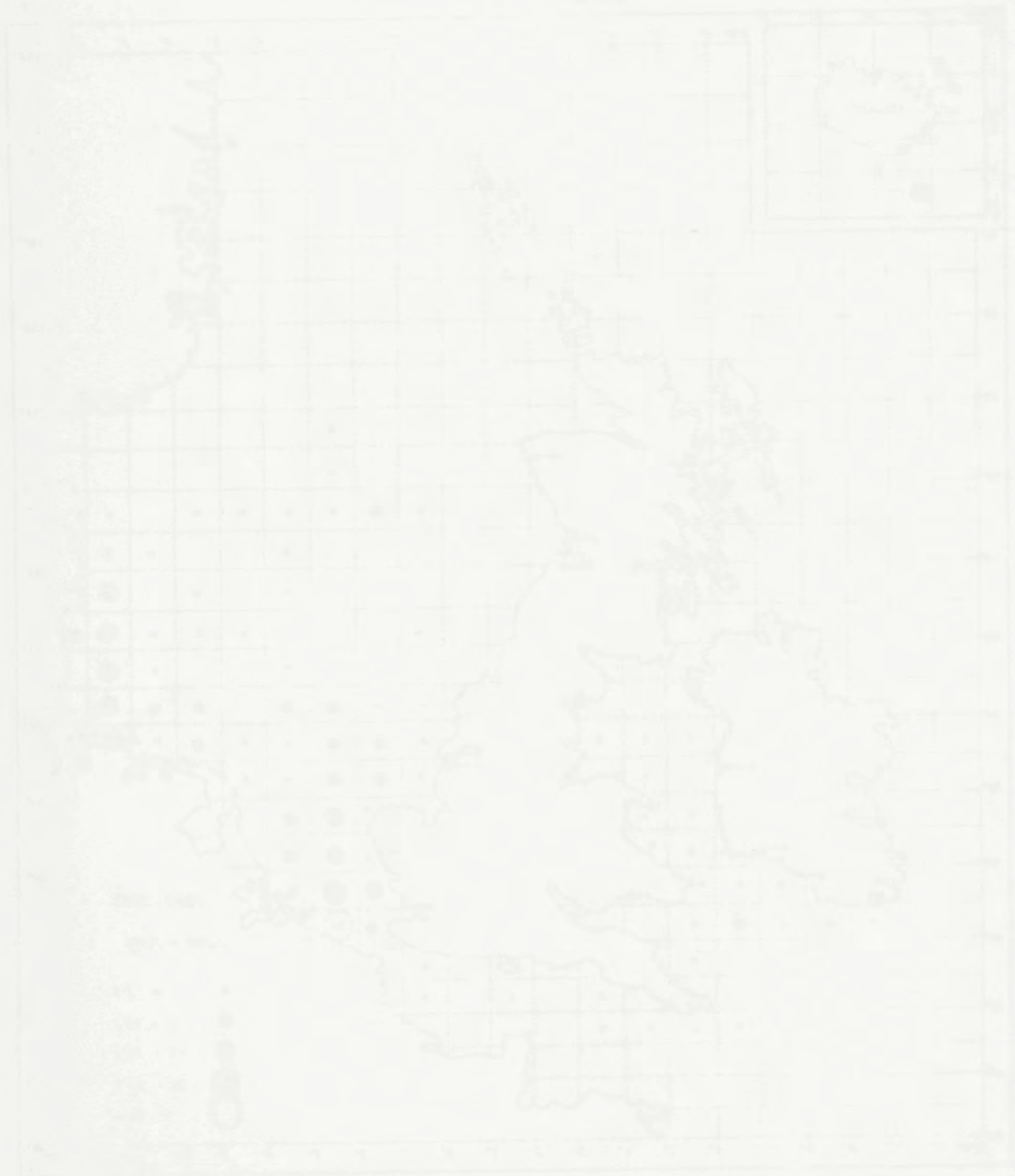




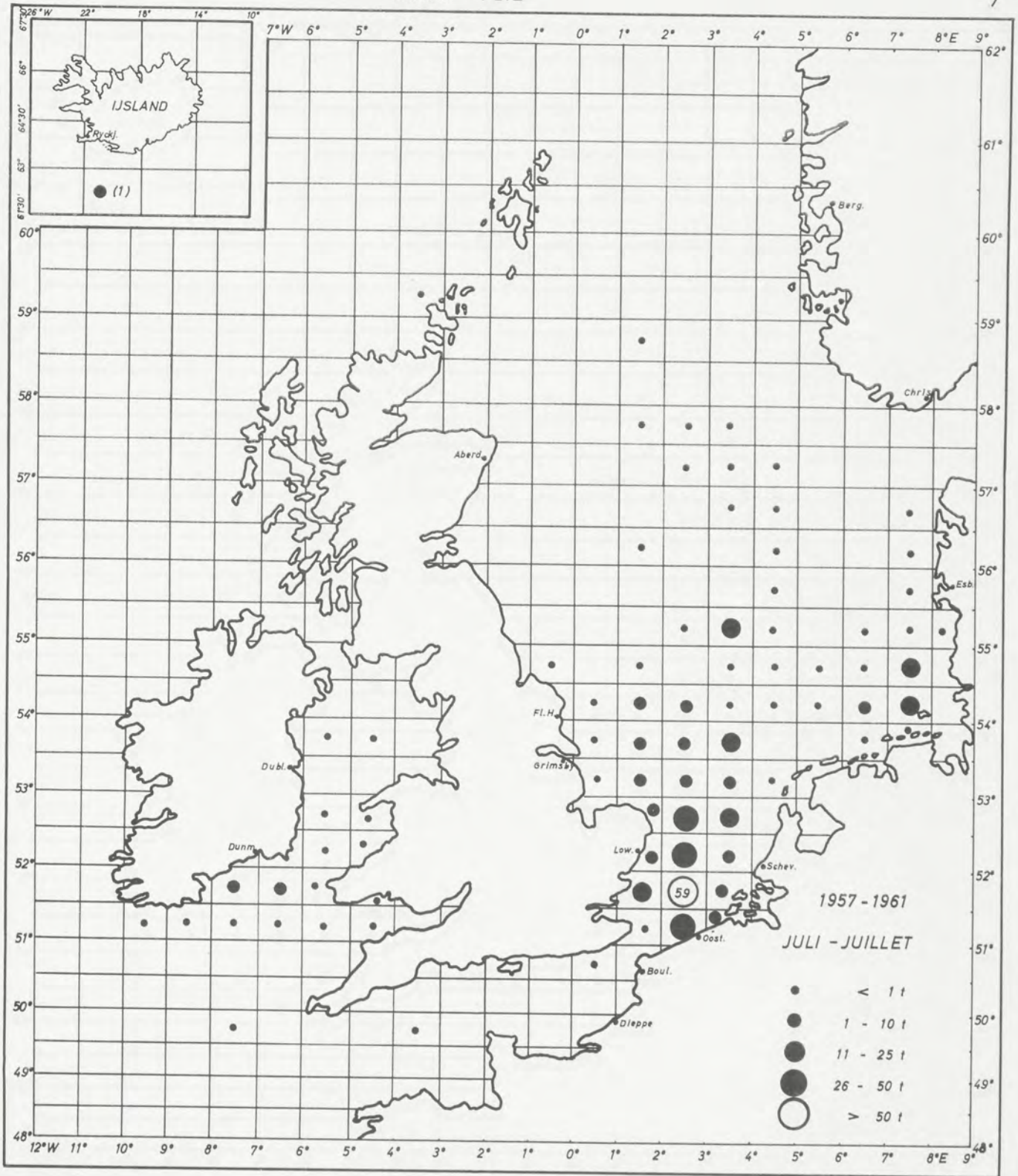


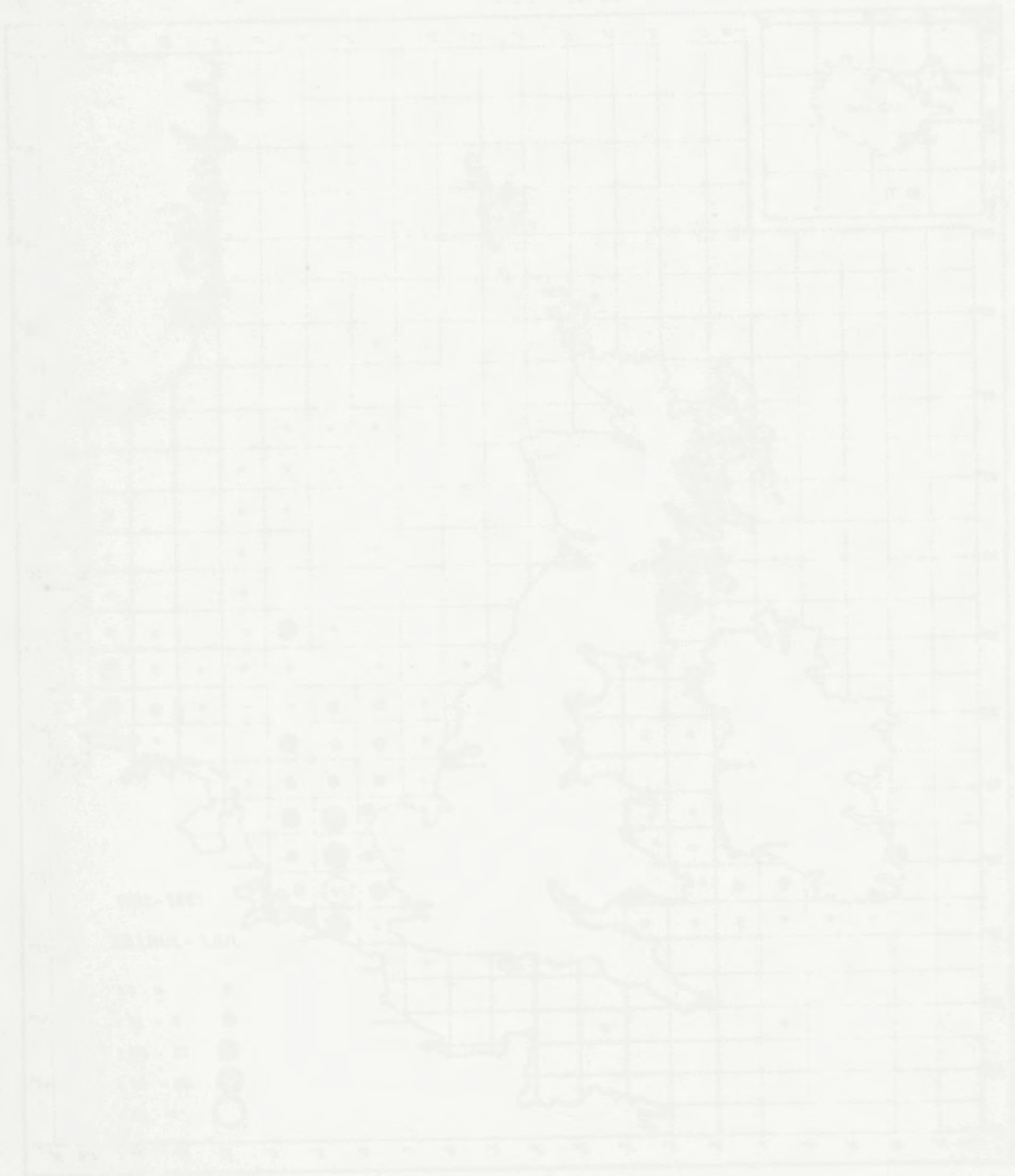


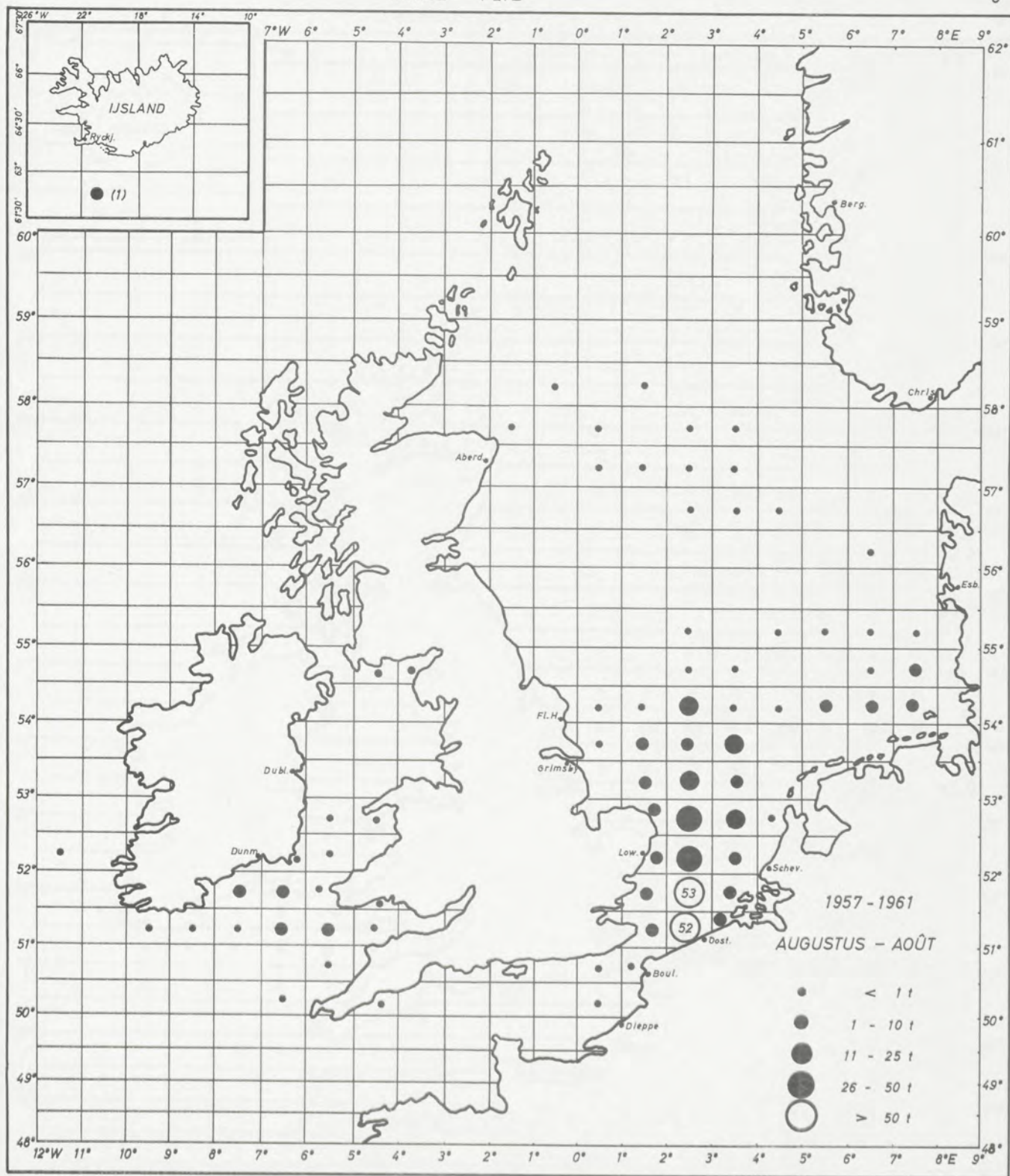


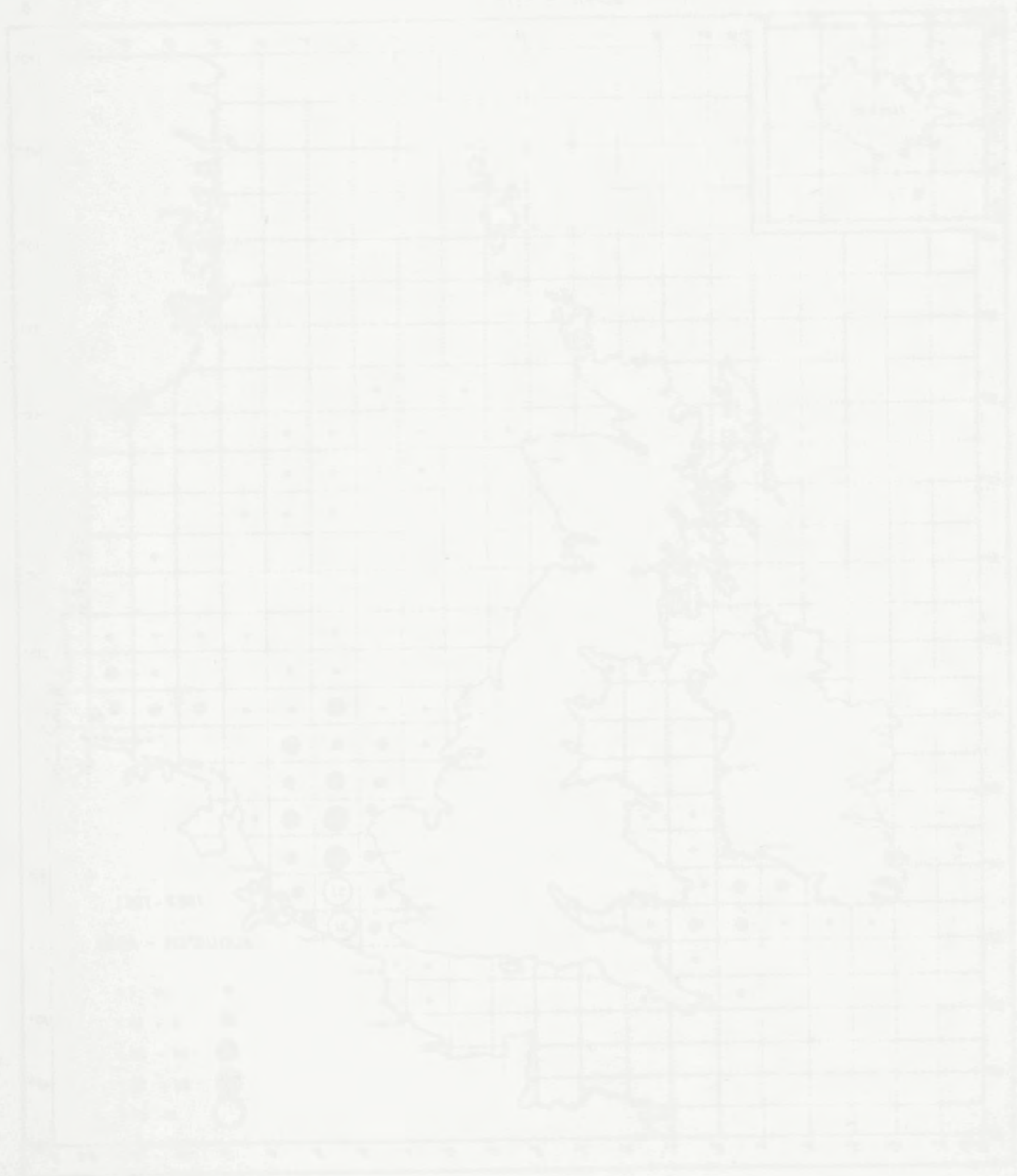


SCHOL - PLIE

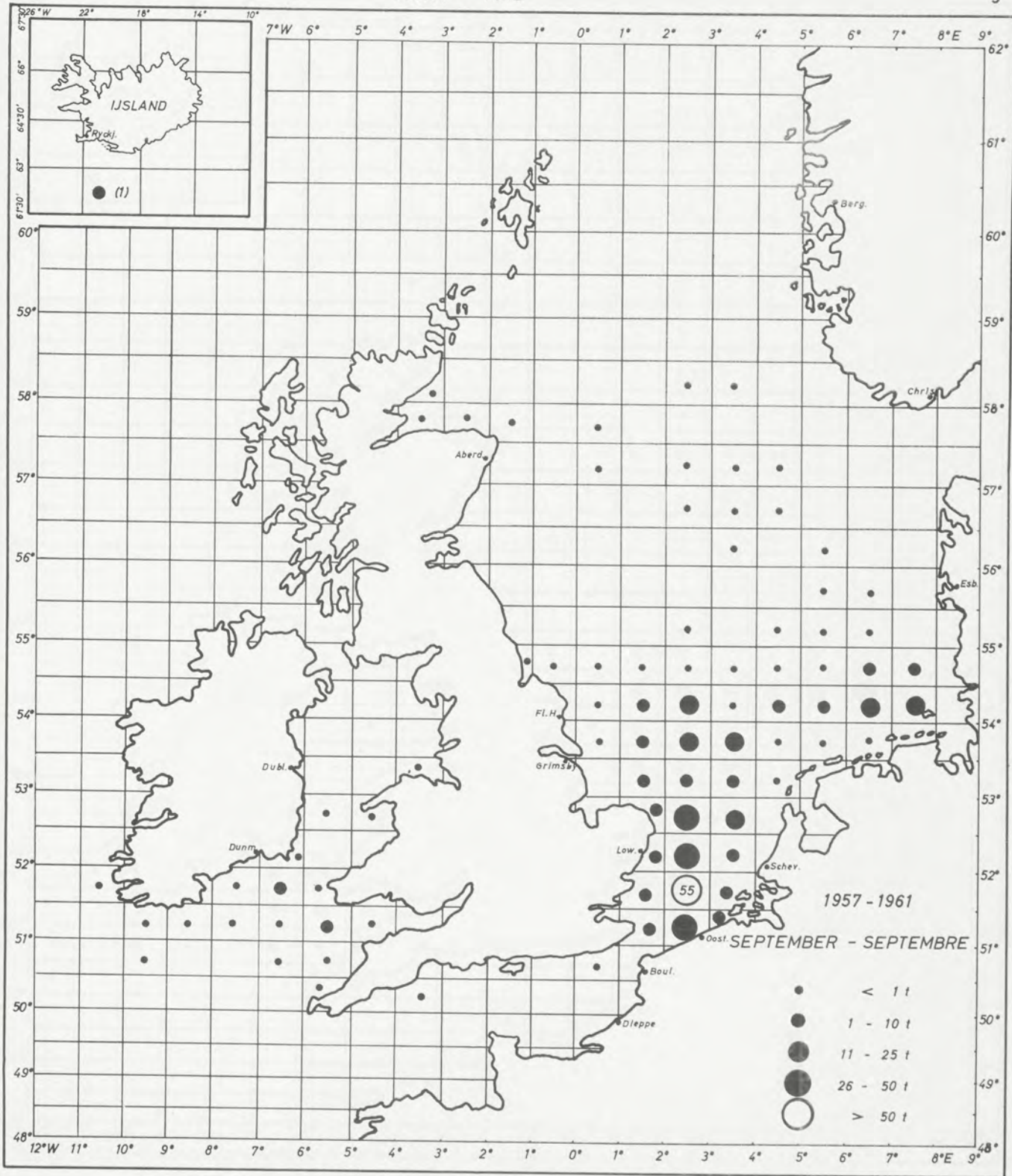


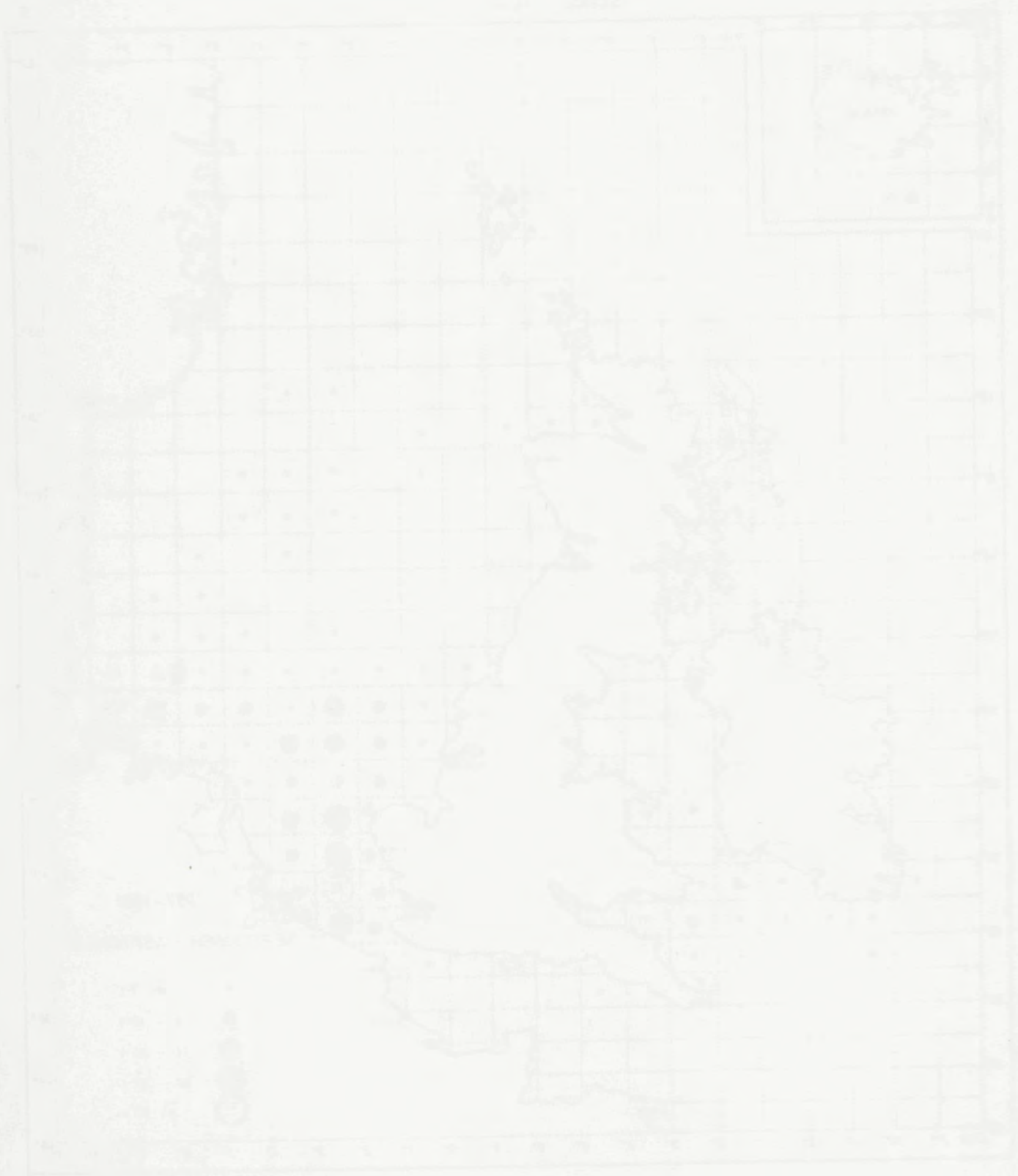




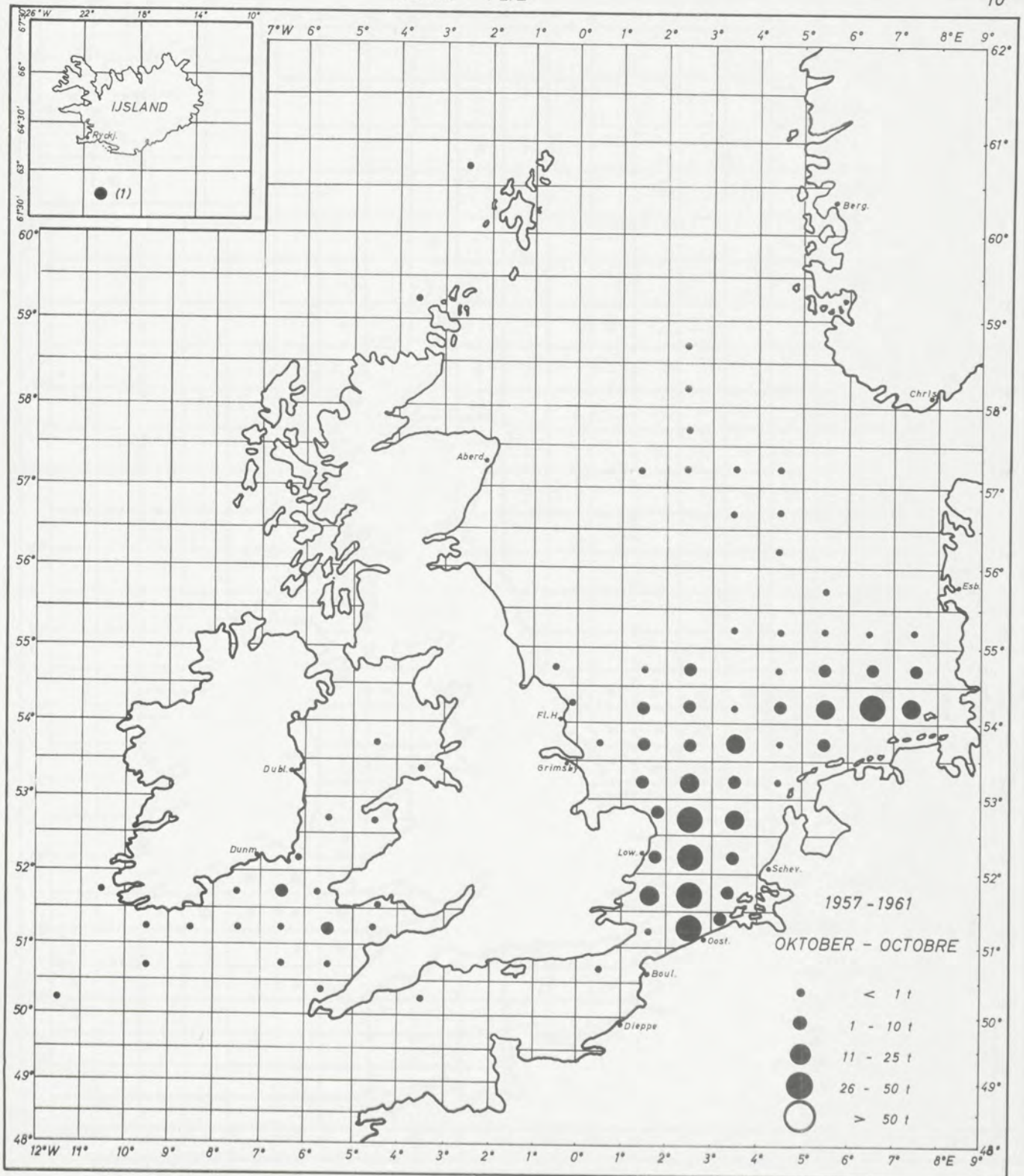


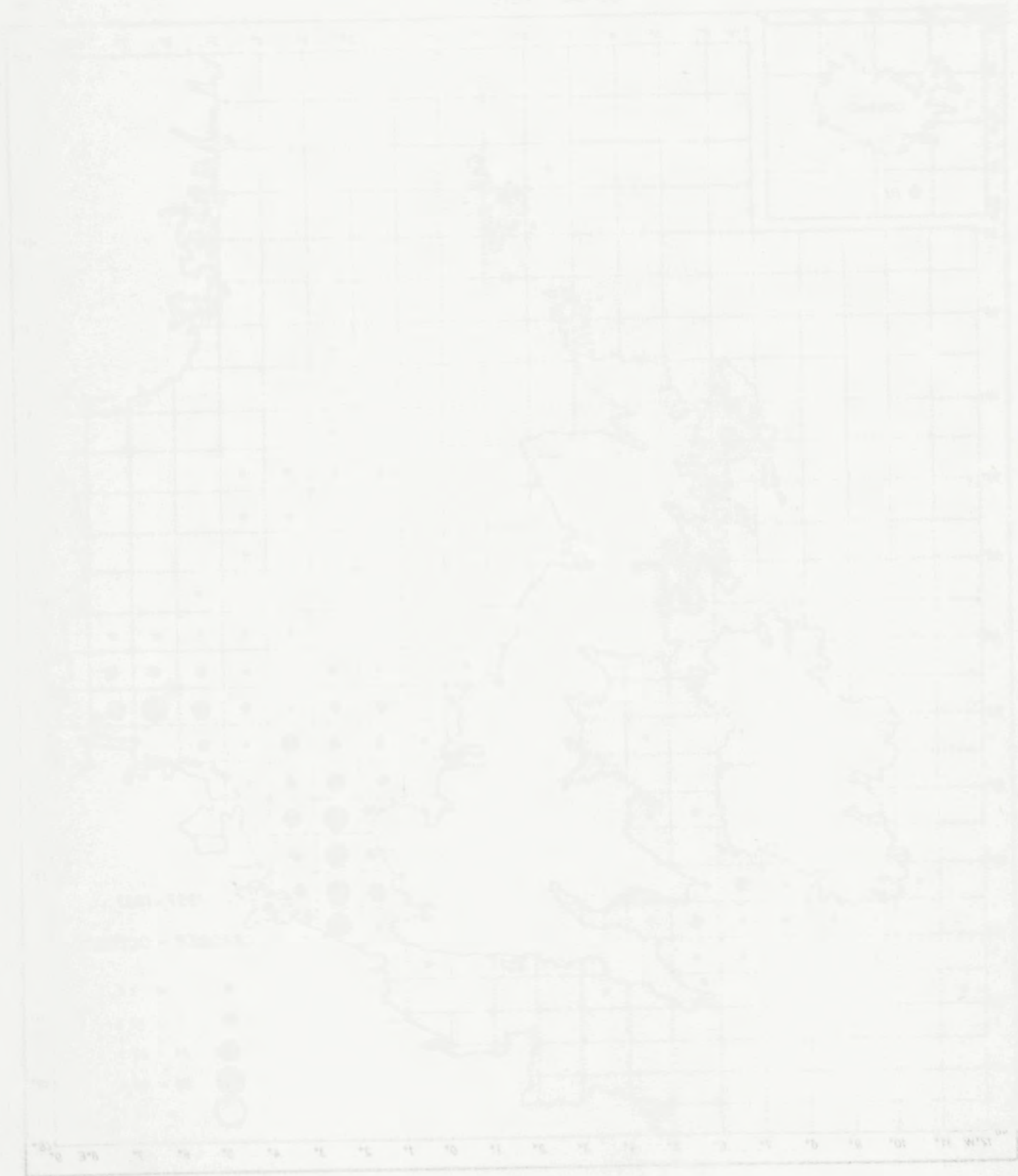
SCHOL - PLIE

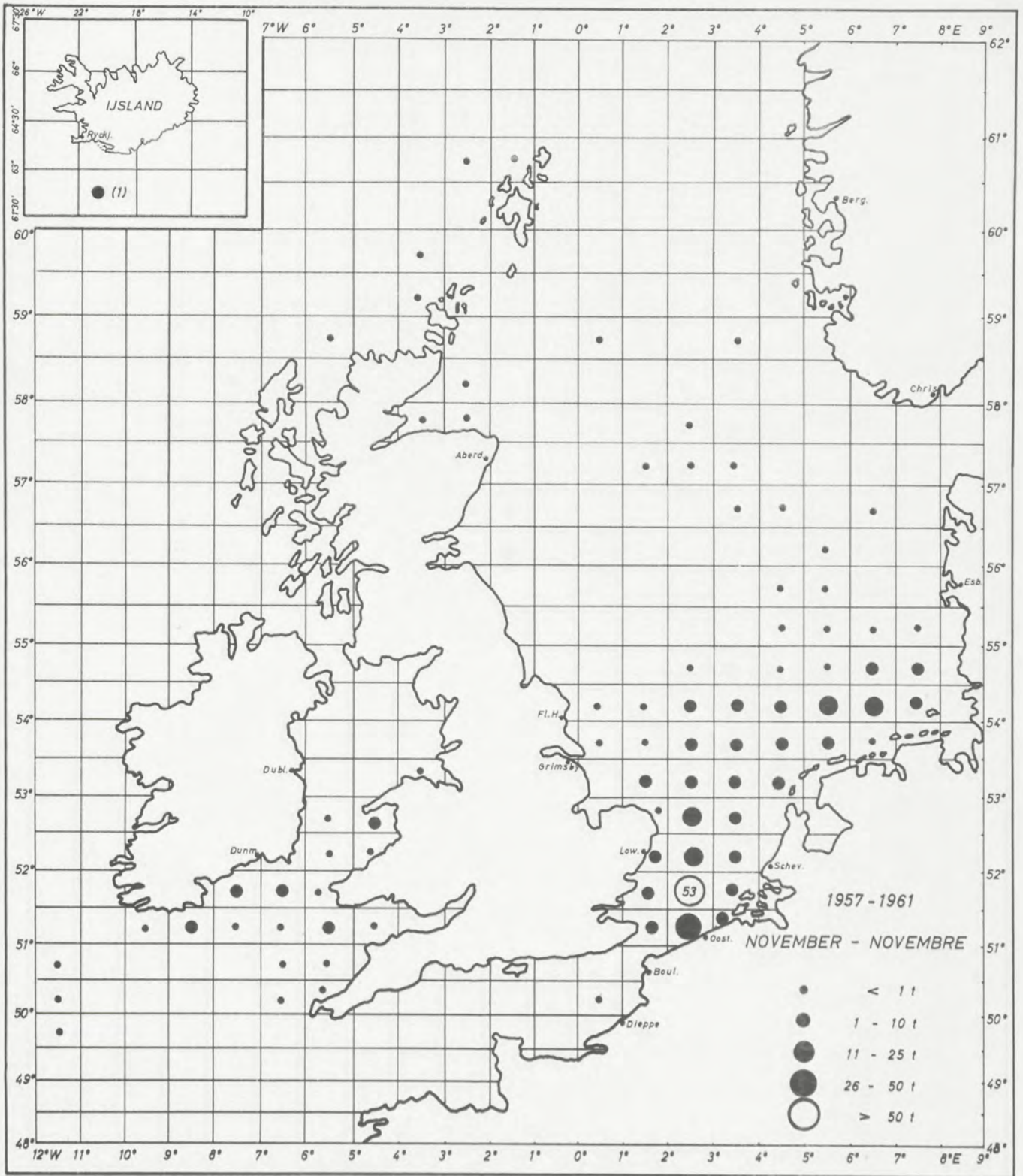


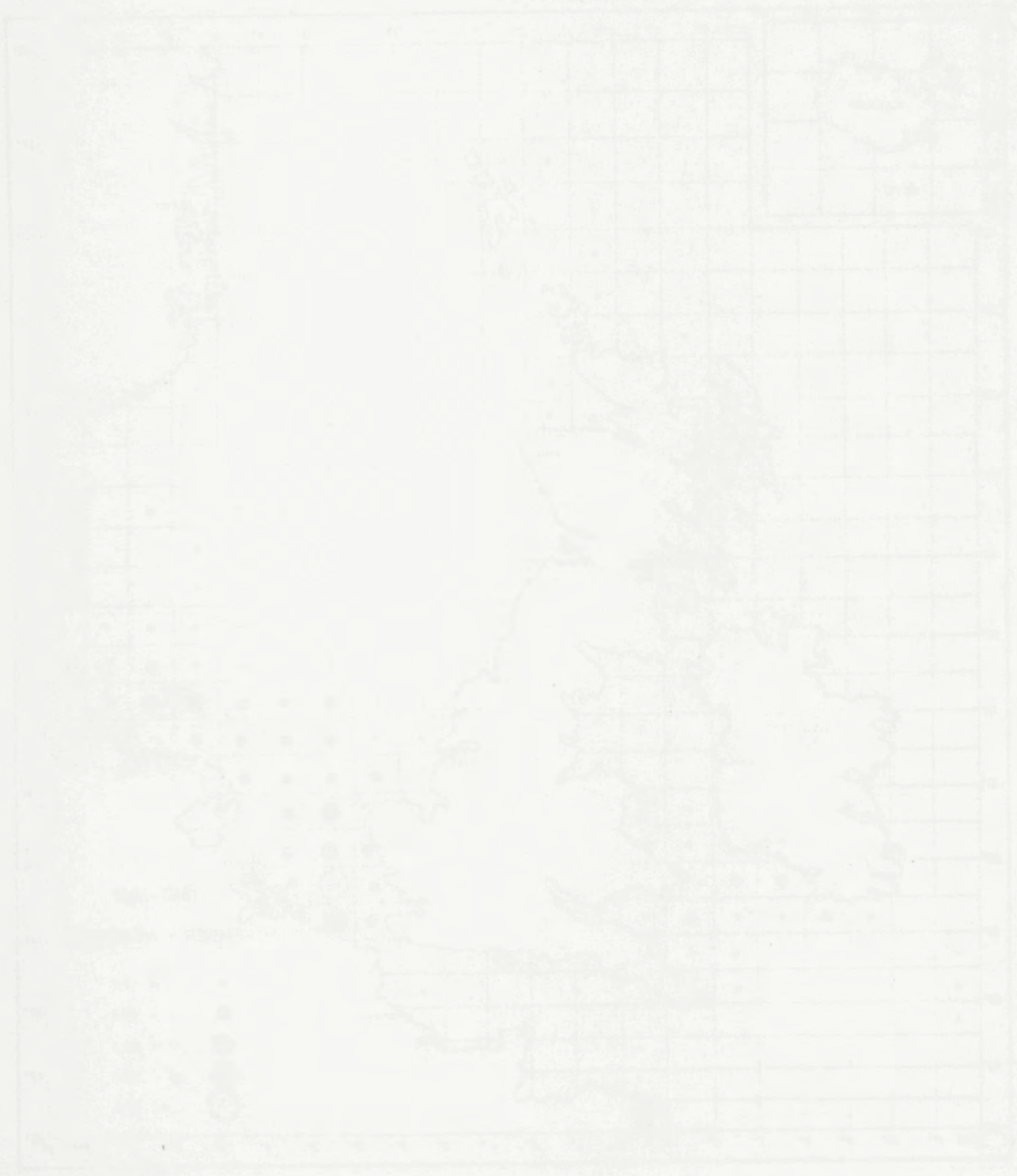


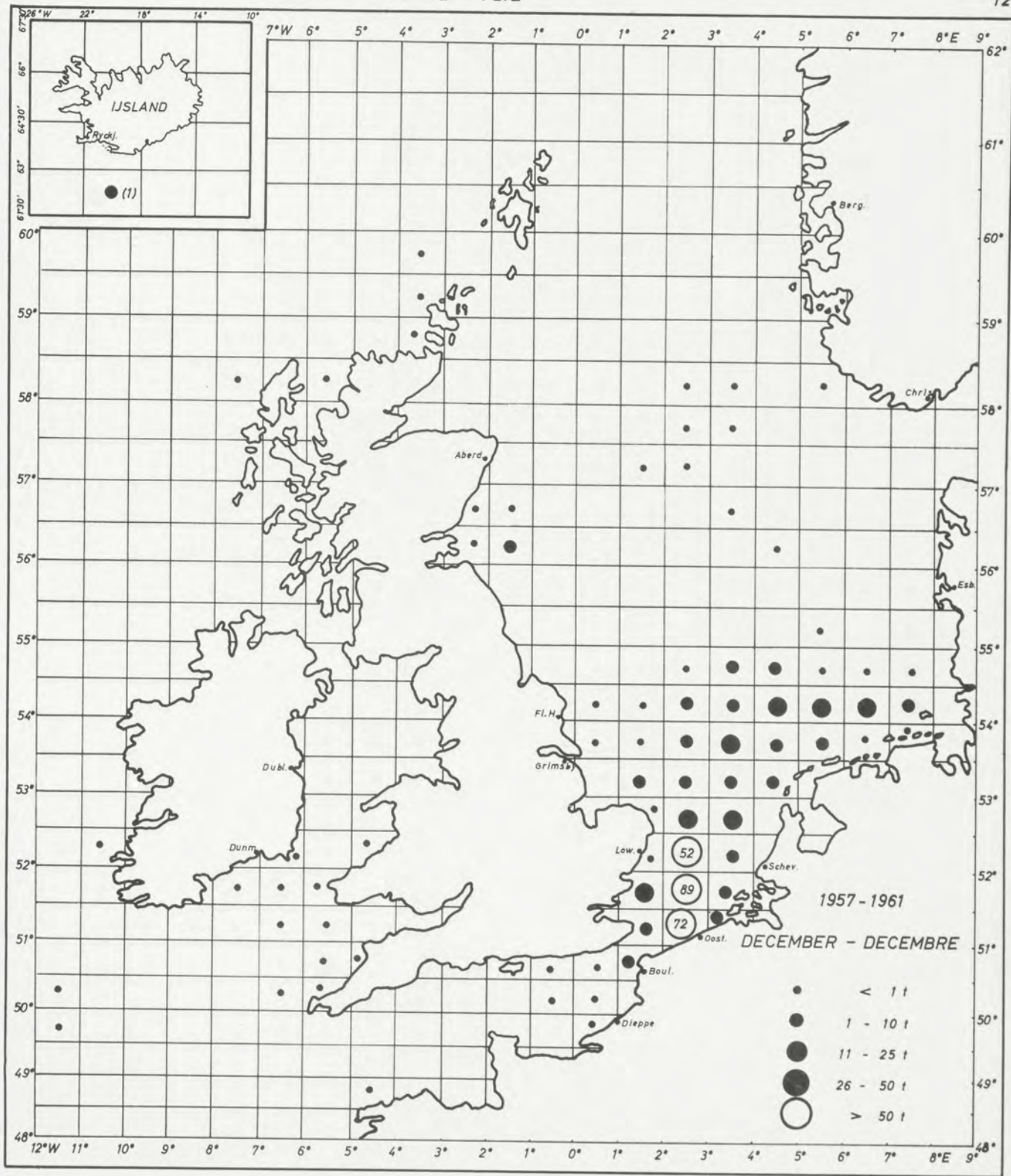
SCHOL - PLIE



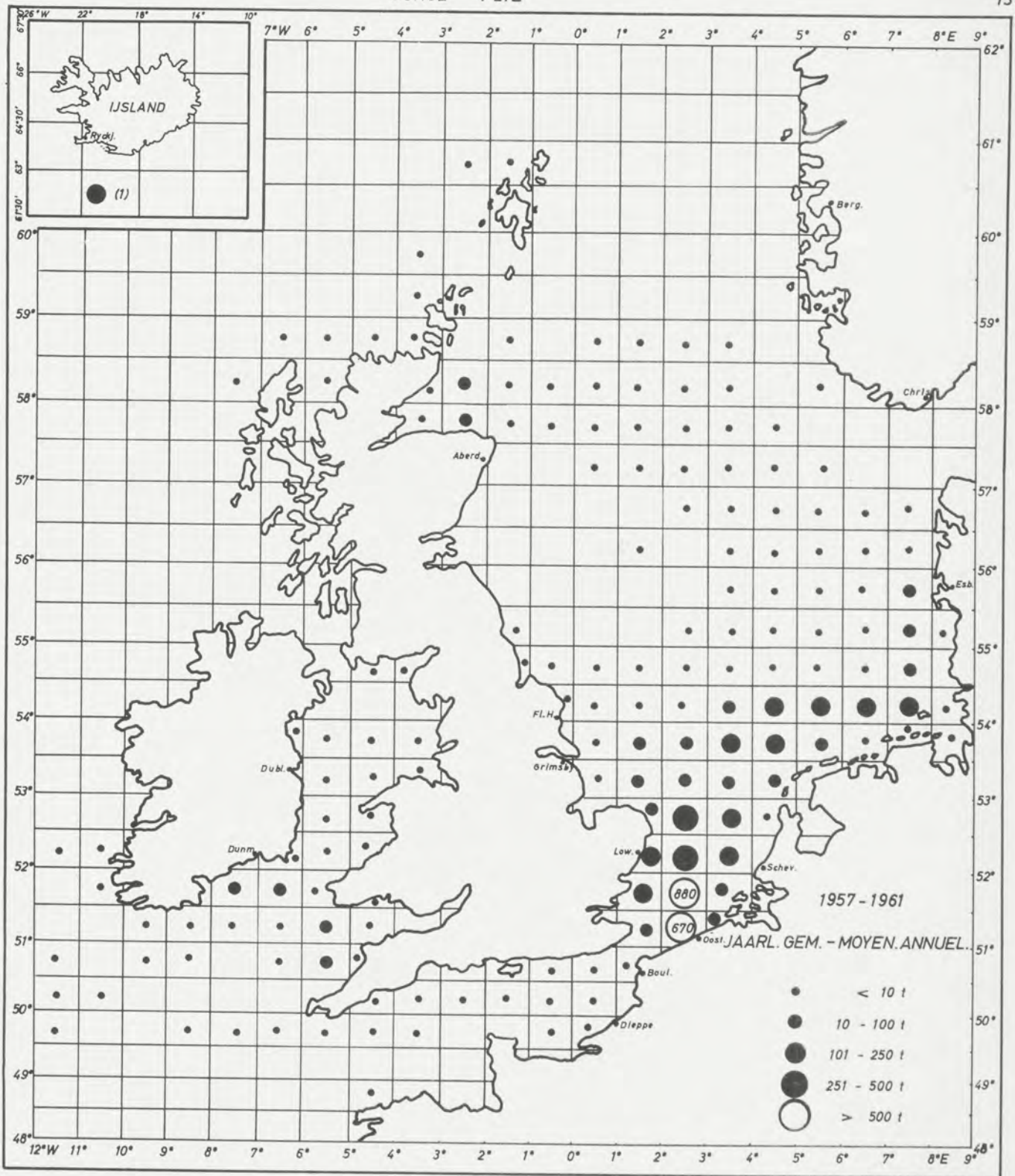


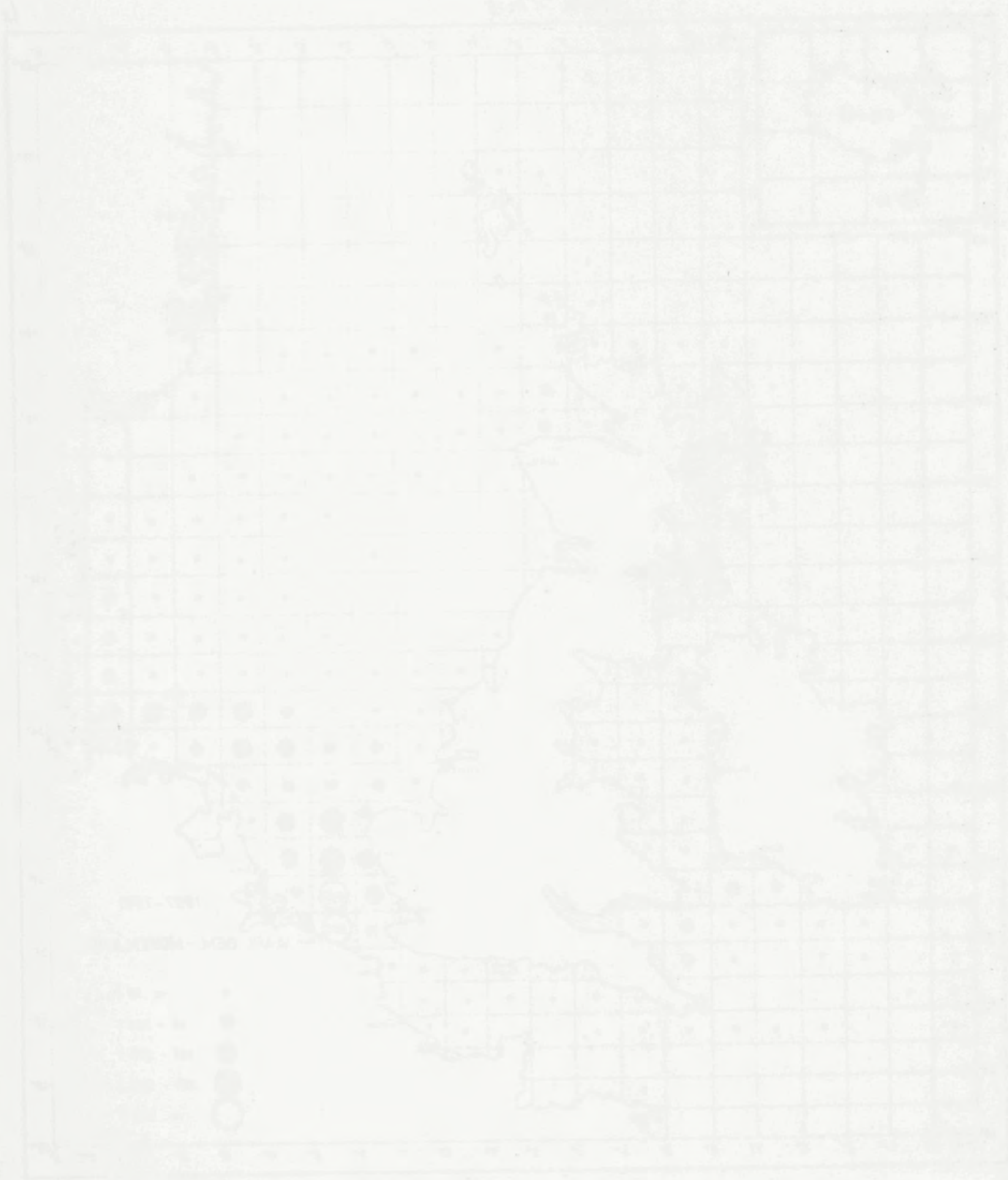






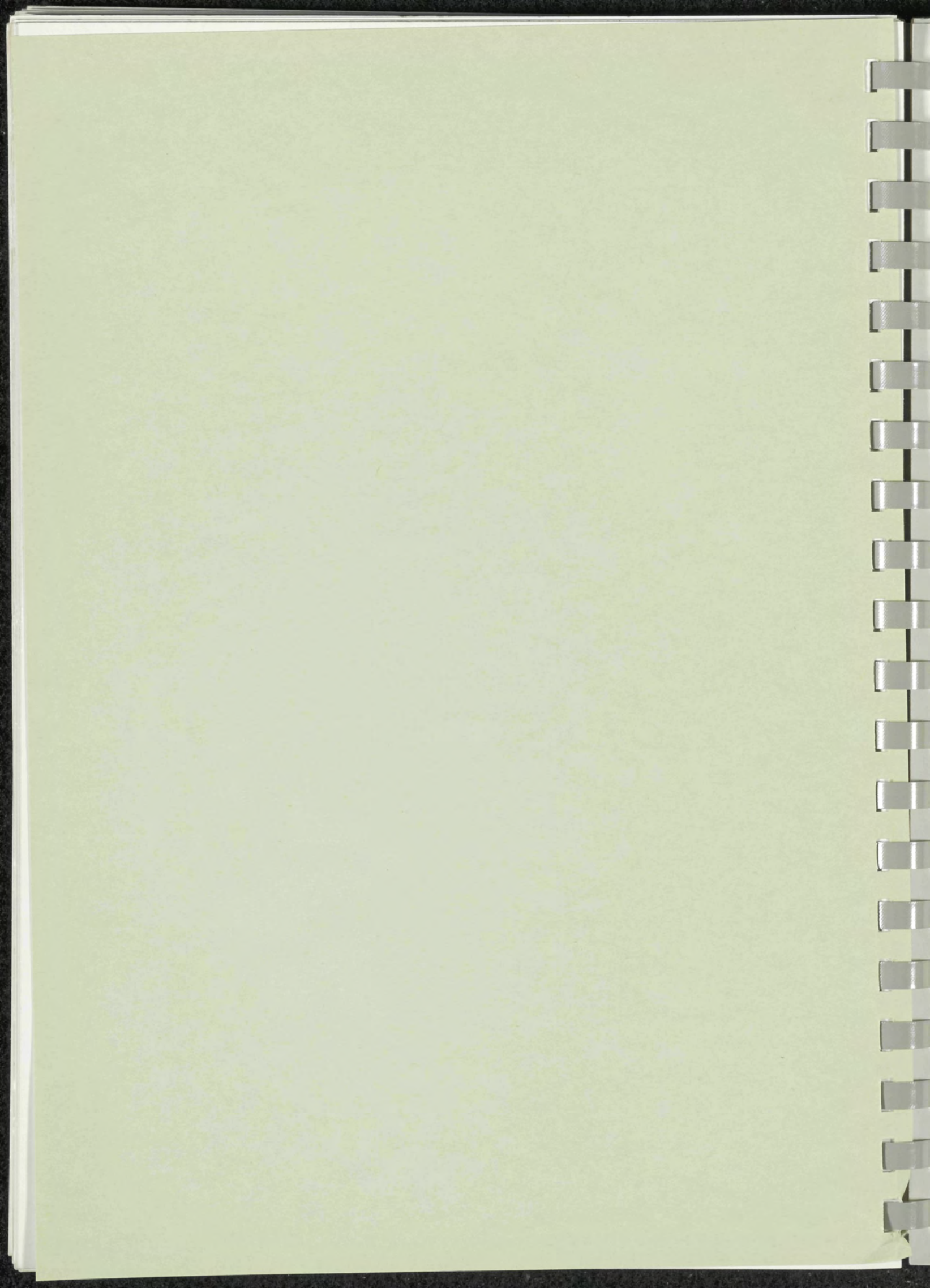






1951-1952
1953-1954

TONG - SOLE - SOLEA SOLEA (L.)



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

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

Gebieden Régions	Kaart A Carte A	1957 - 1961		1962		1963		1964		1965	
		t	%	t	%	t	%	t	%	t	%
N.Z. Zuid M.N. Méridionale	(IV c)	1732	47.3	1696	40.8	6196	81.9	563	23.5	938	29.7
N.Z. Midden M.N. Centrale	(IV b)	1424	38.9	2035	48.9	1007	13.3	289	12.0	484	15.3
N.Z. Noord M.N. Septentrionale	(IV a)	-	-	5	0.1	-	-	-	-	-	-
Engels Kanaal Manche	(VII,d,e)	26	0.7	28	0.7	26	0.3	12	0.5	39	1.2
Ierse Z. & Bristol Kan. M. d'Irlande & C.Bristol	(VII,a,f)	249	6.8	291	7.0	210	2.8	1274	53.0	1400	44.3
Z. & W. Ierland S. & W. d'Irlande	(VIIbghj)	231	6.3	105	2.5	129	1.7	265	11.0	300	9.5
N.W. Schotland & N.Ierland N.W. d'Ecosse & N.d'Irlande	(VI a)	-	-	-	-	-	-	-	-	-	-
Totaal - Total		3662	100.0	4160	100.0	7568	100.0	2403	100.0	3161	100.0

(1) Bron : Dienst voor de Zeevisserij, Oostende

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

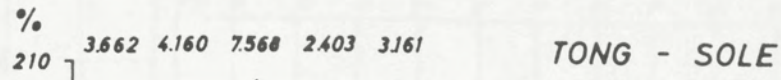


Fig. 1. Jaarlijkse aanvoer in t
Apports annuels en t

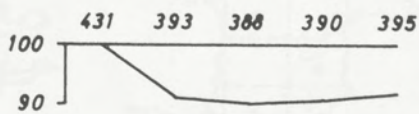


Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navires en activité

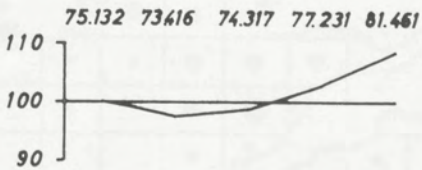


Fig. 3. Drijfkracht (pk)
Force motrice (cx)

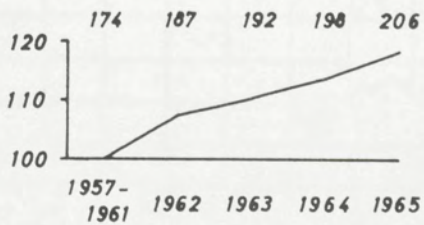


Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cx par navire

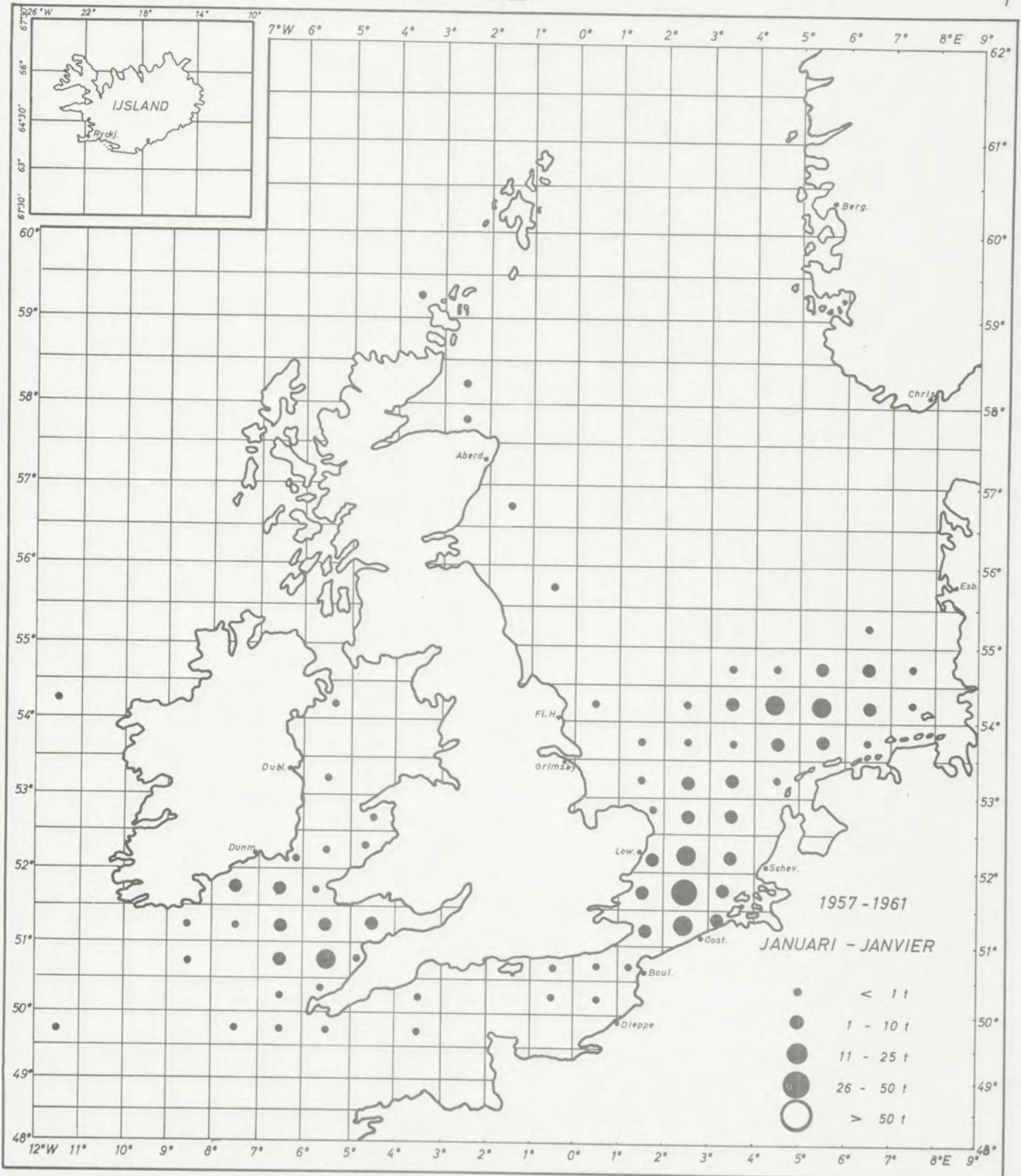
20
72

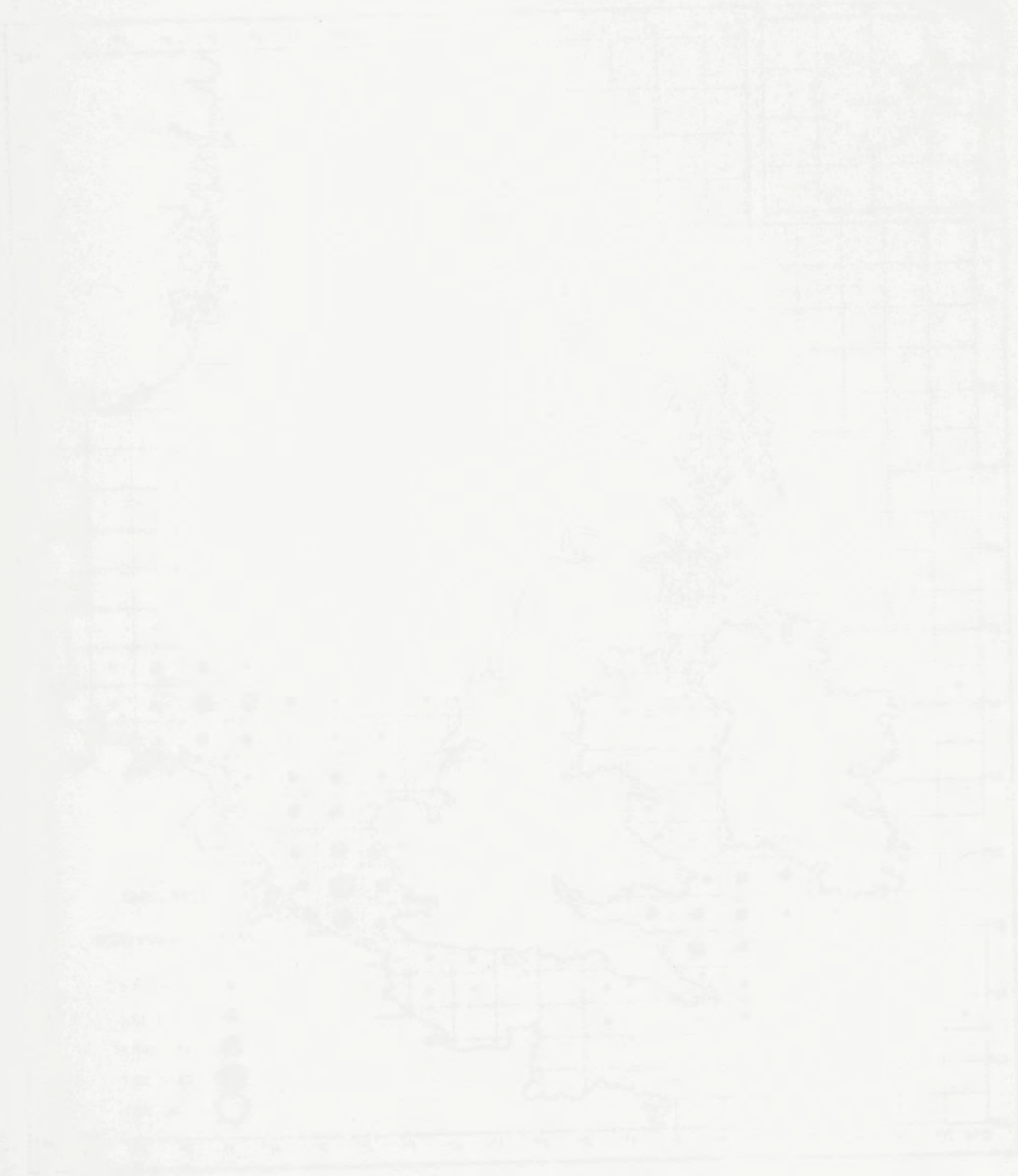
1972 2011

1971



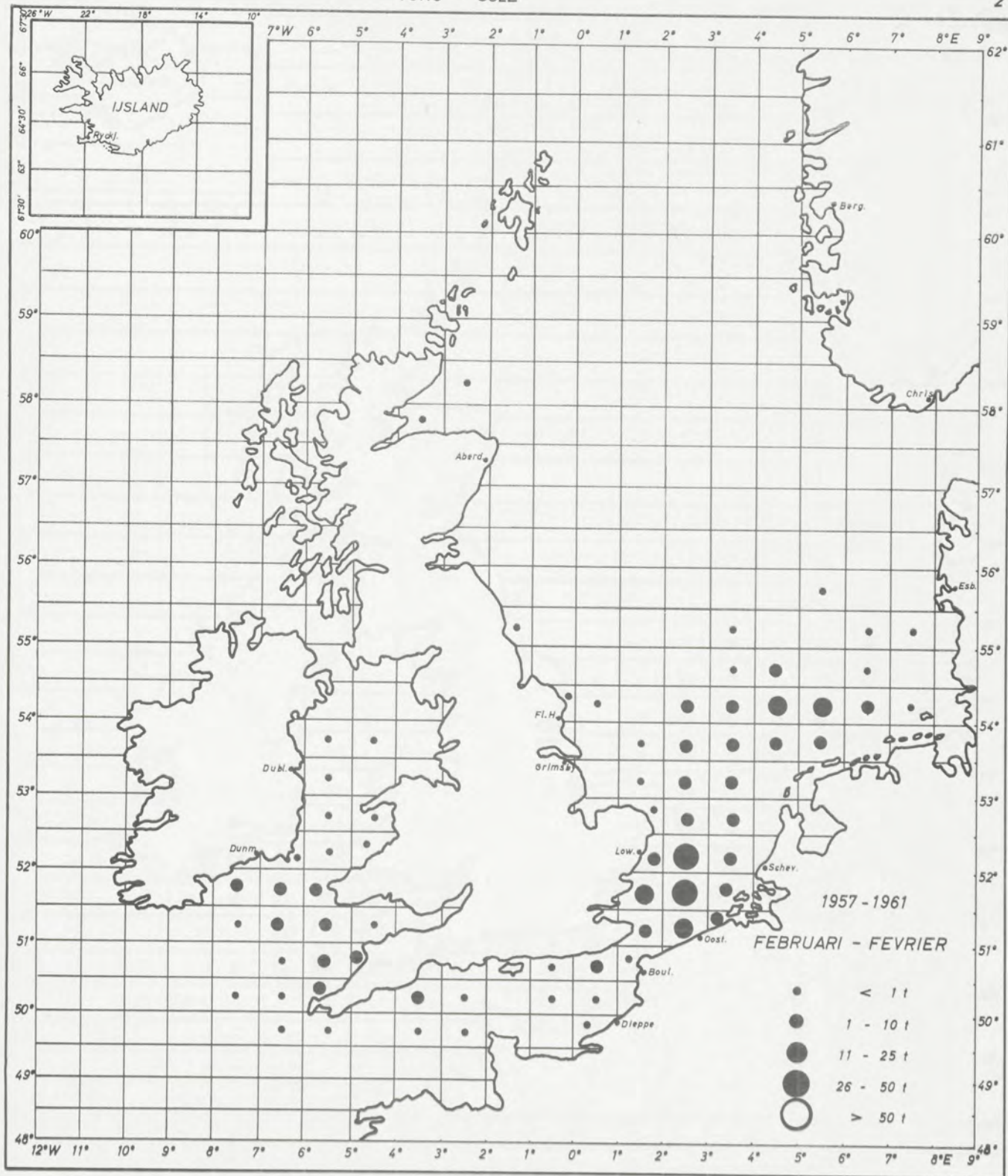
TONG - SOLE

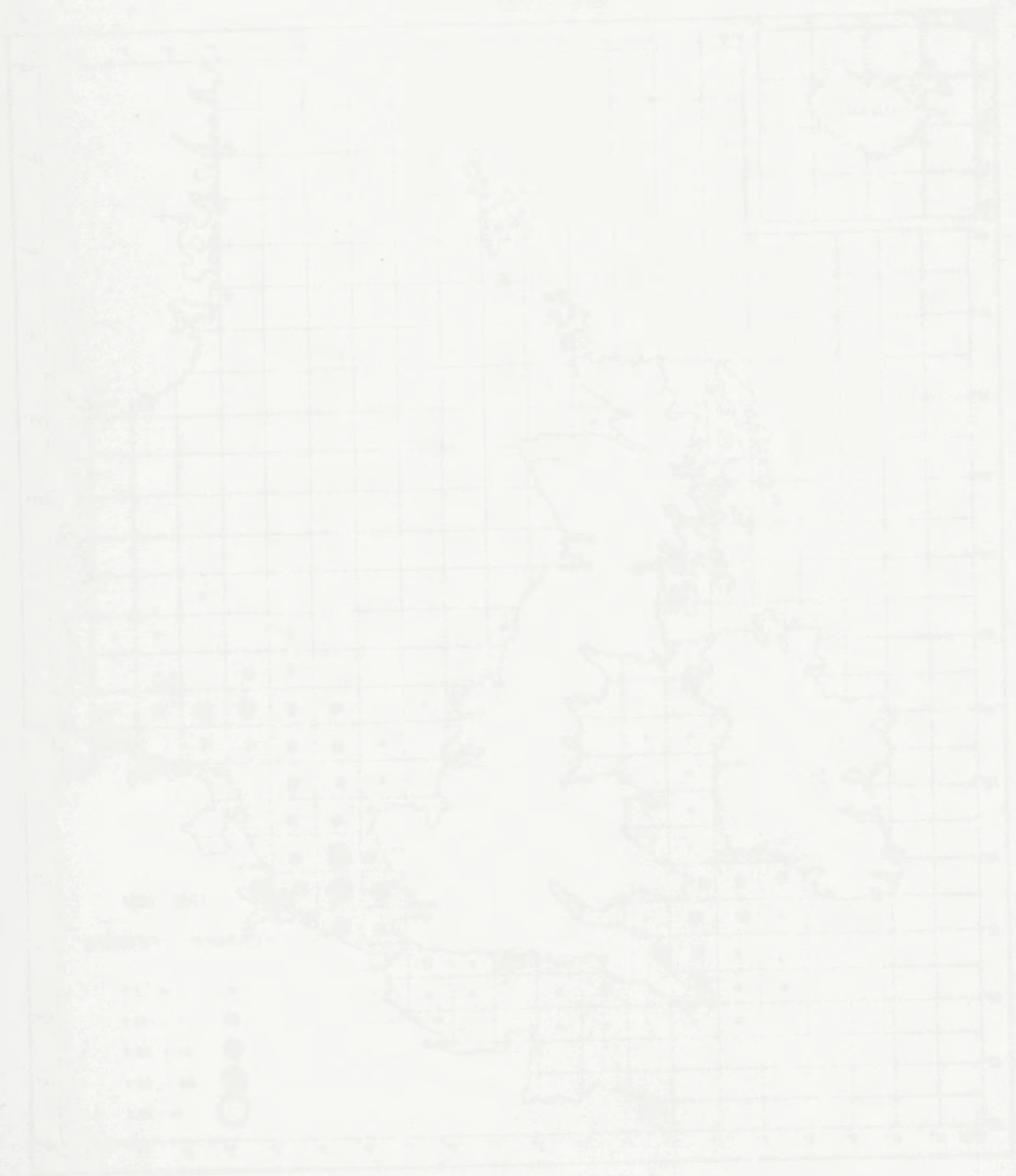




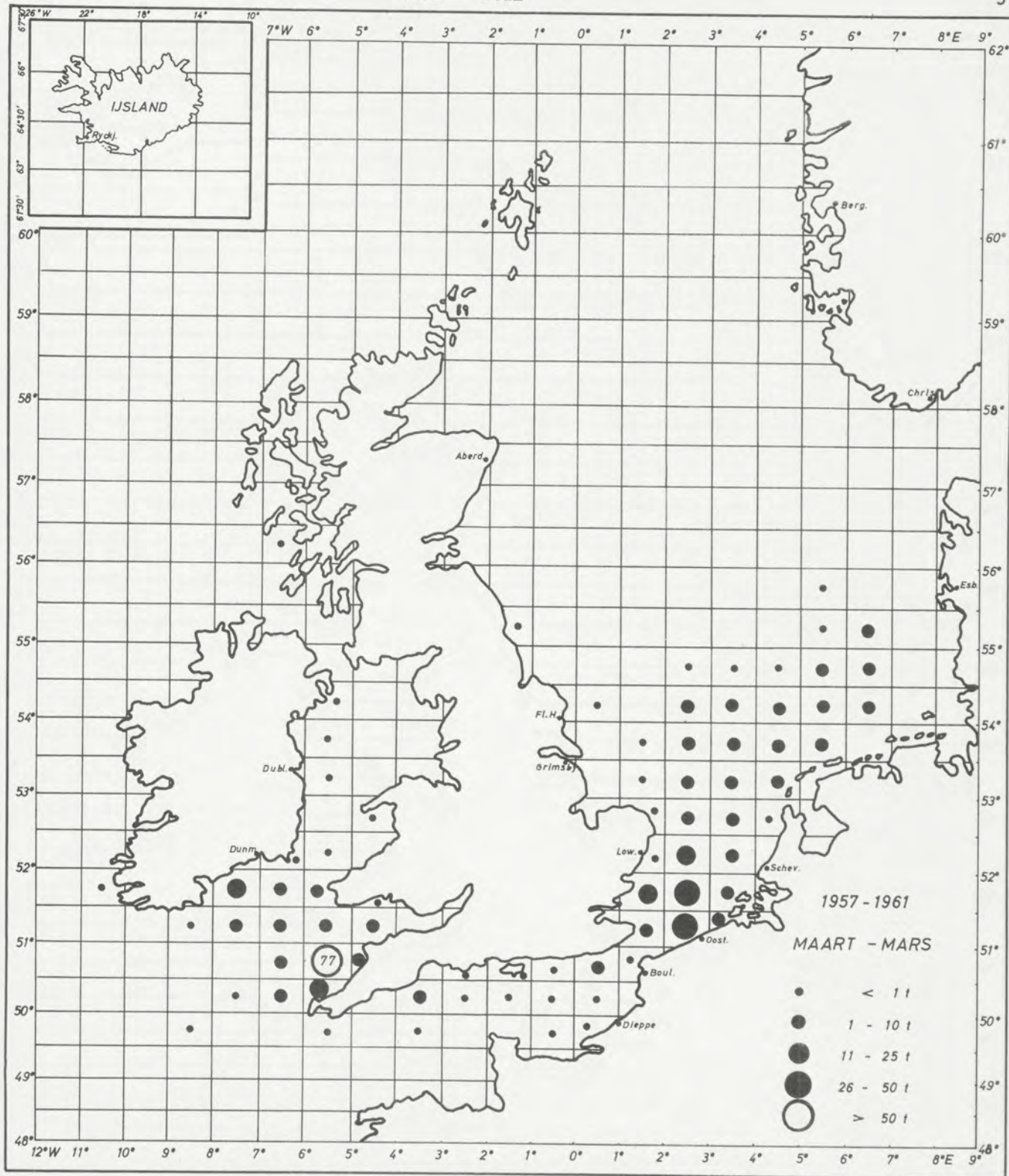
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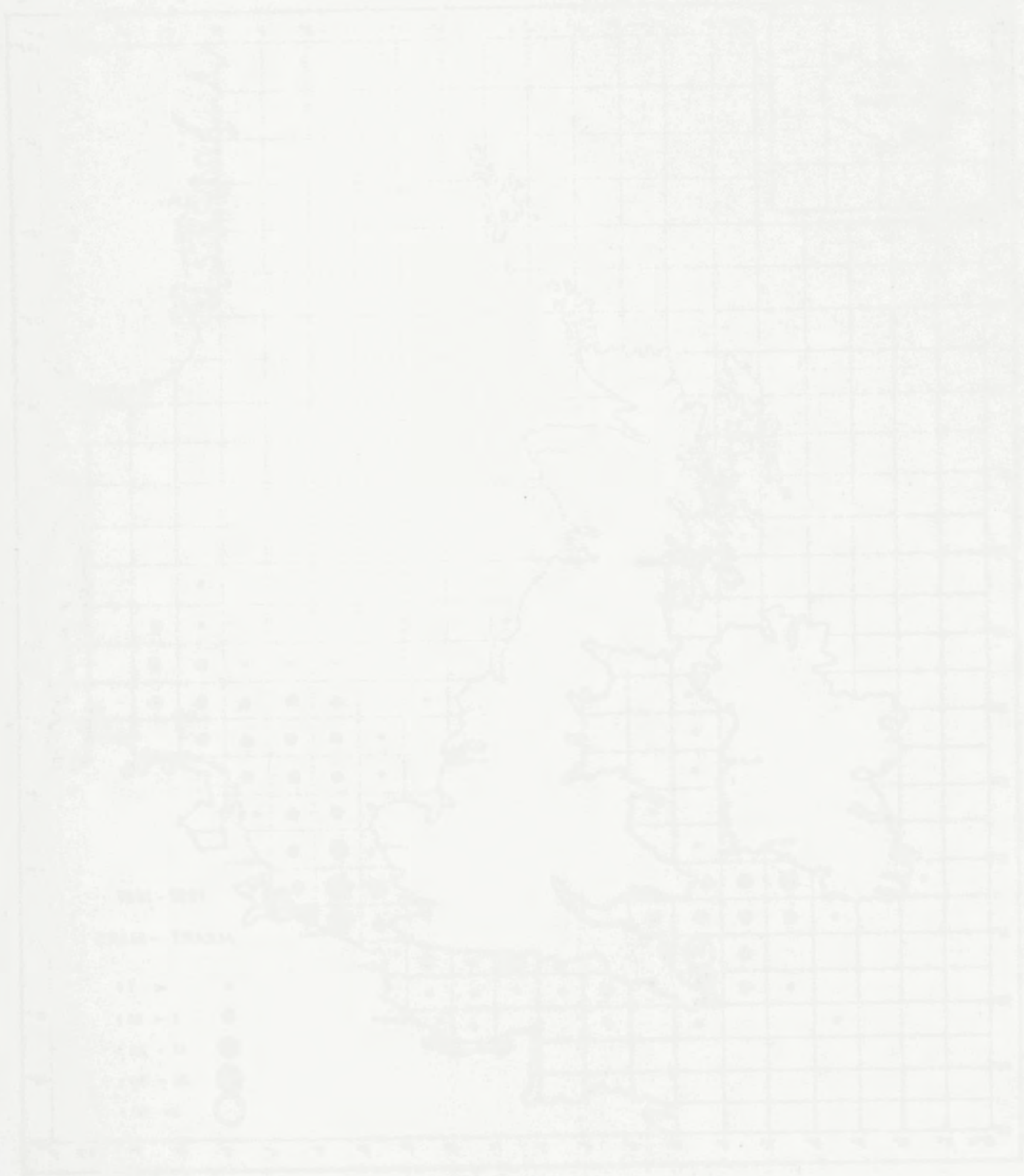
TONG - SOLE



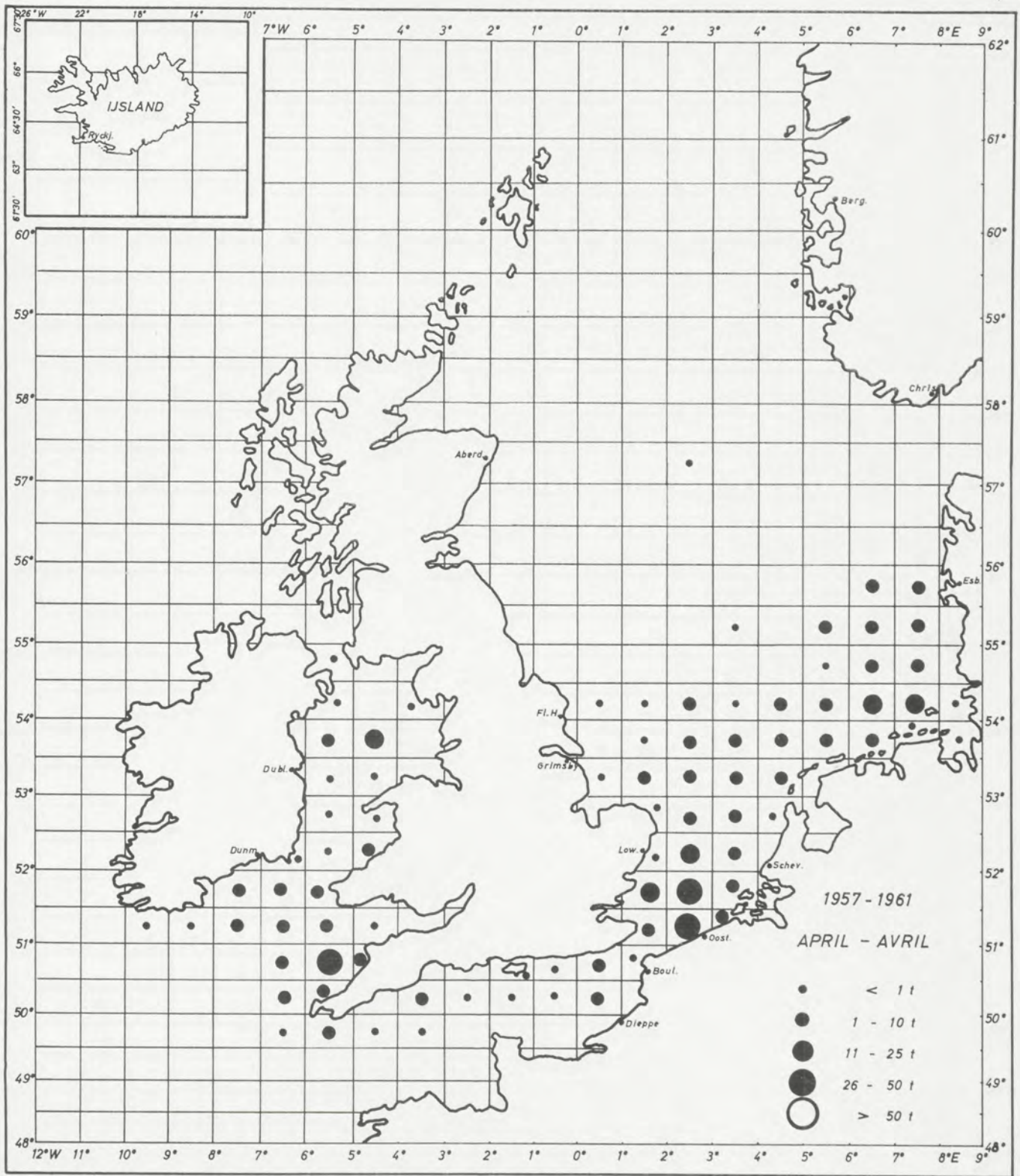


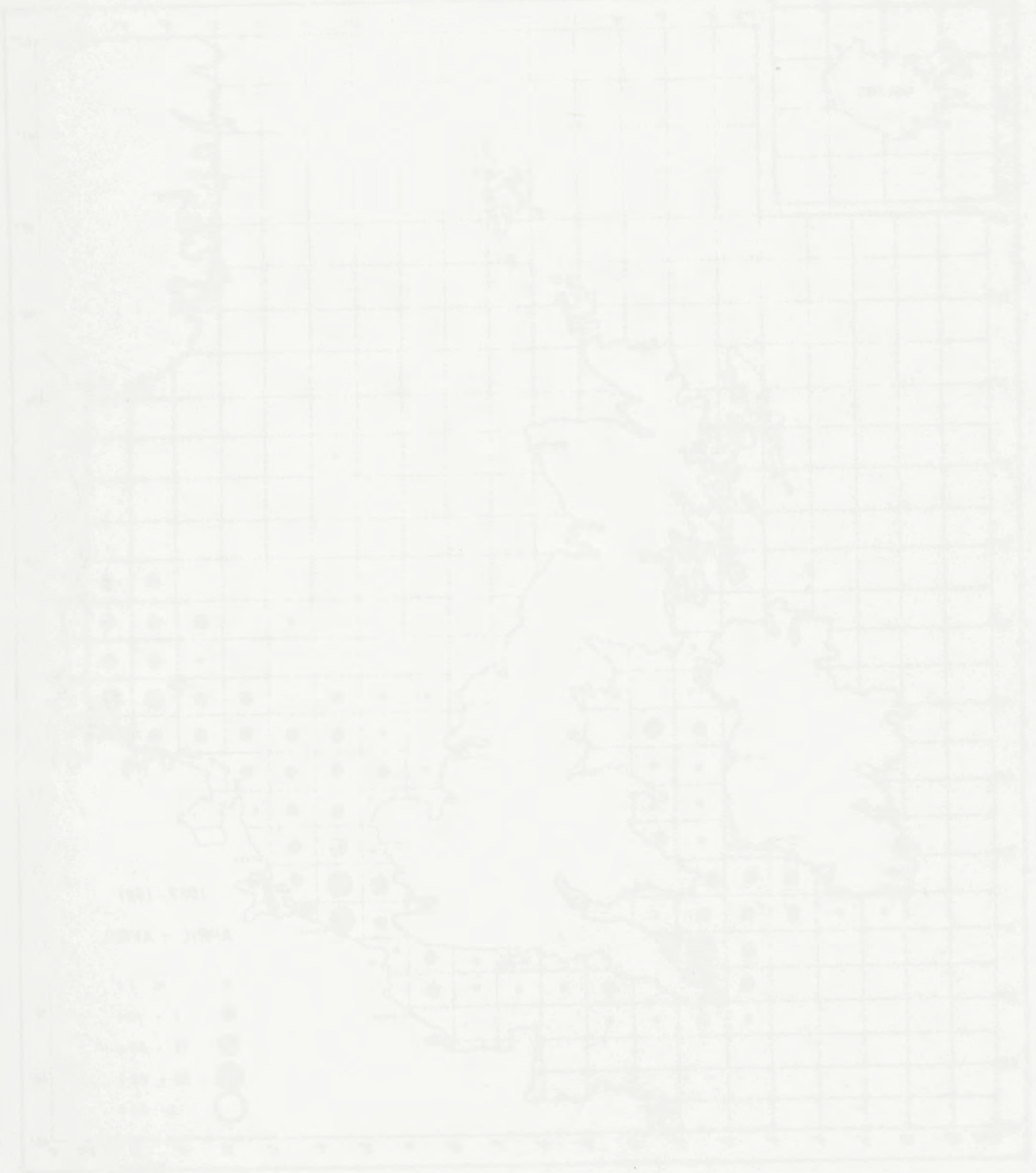
TONG - SOLE



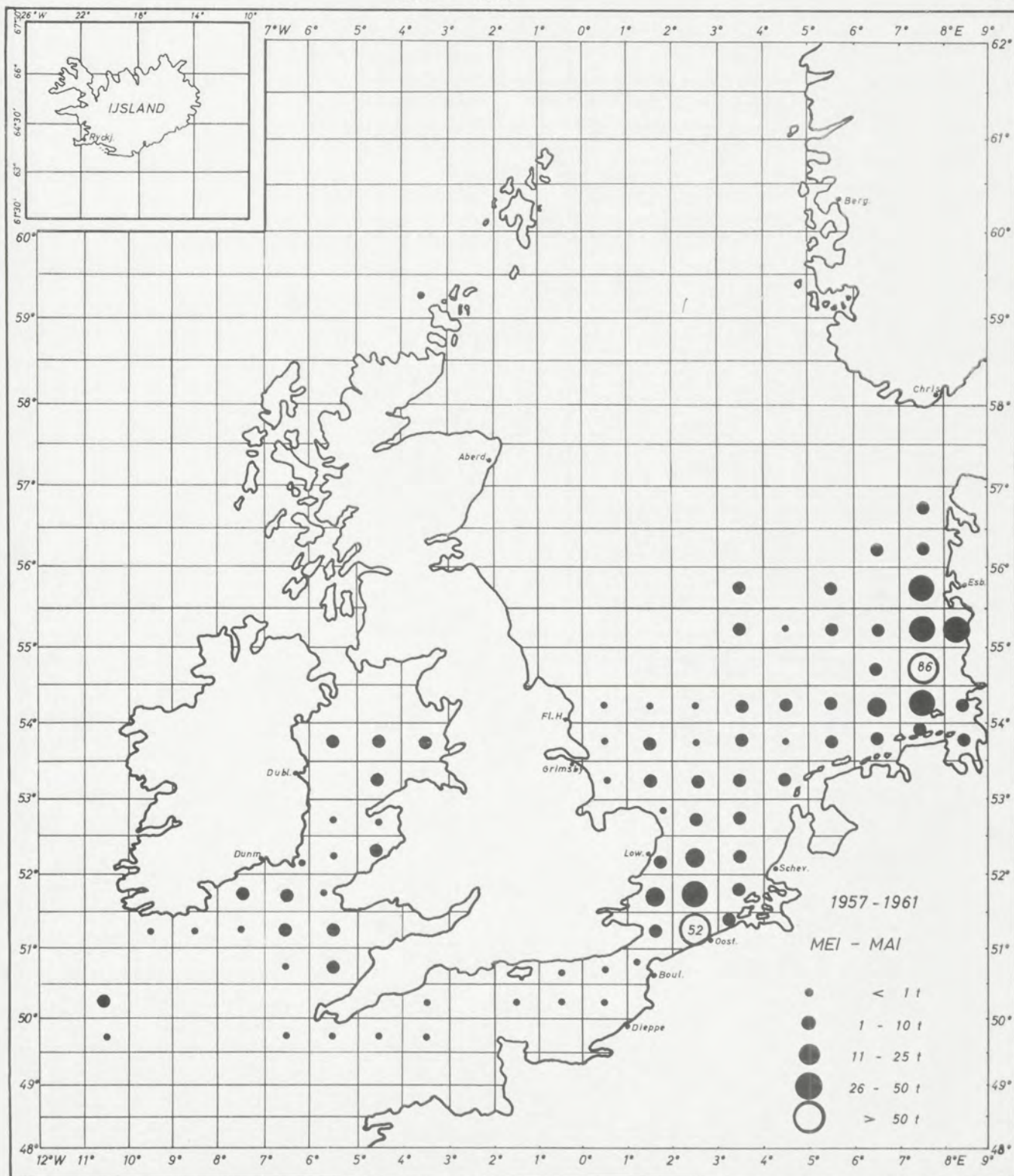


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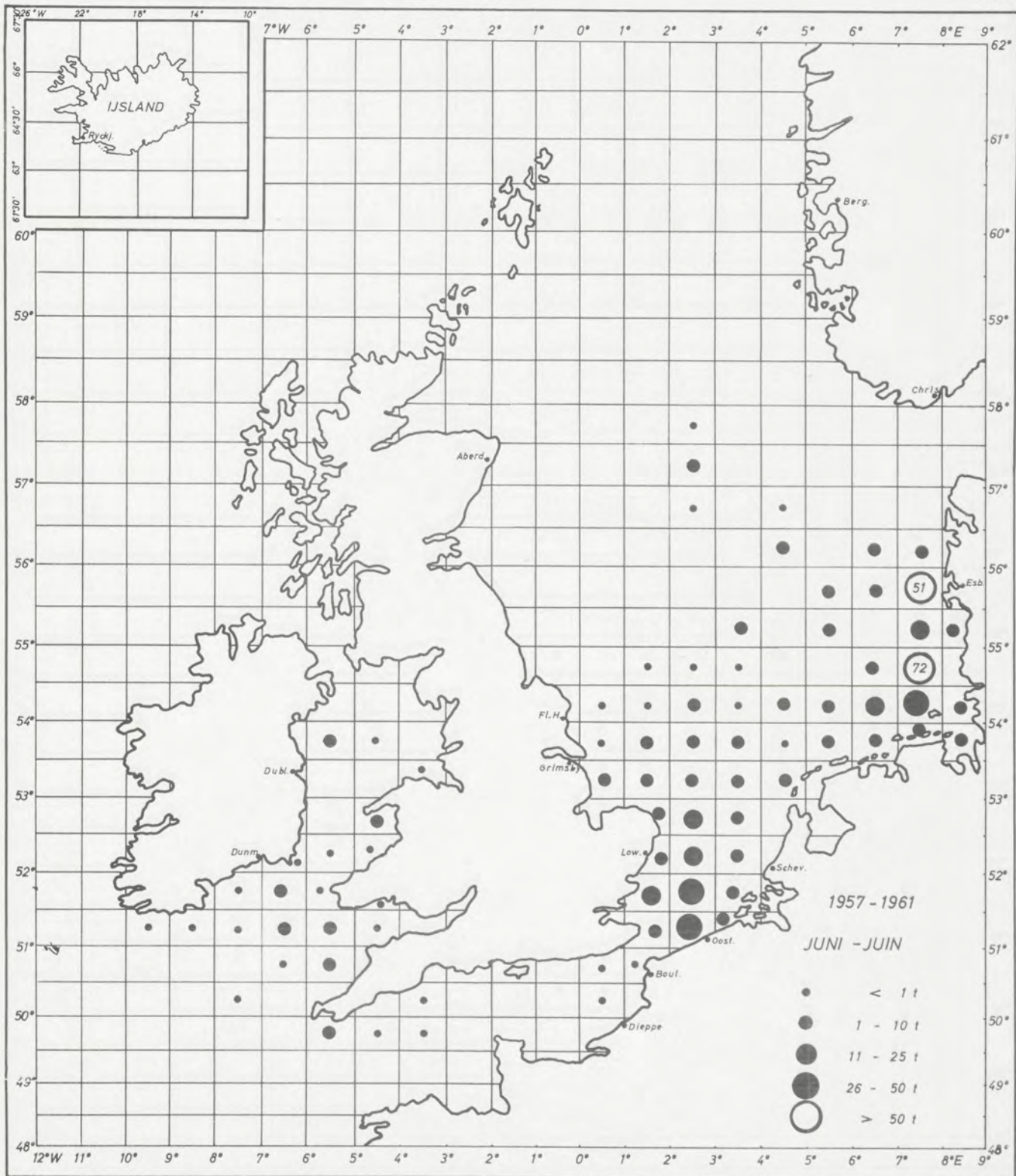


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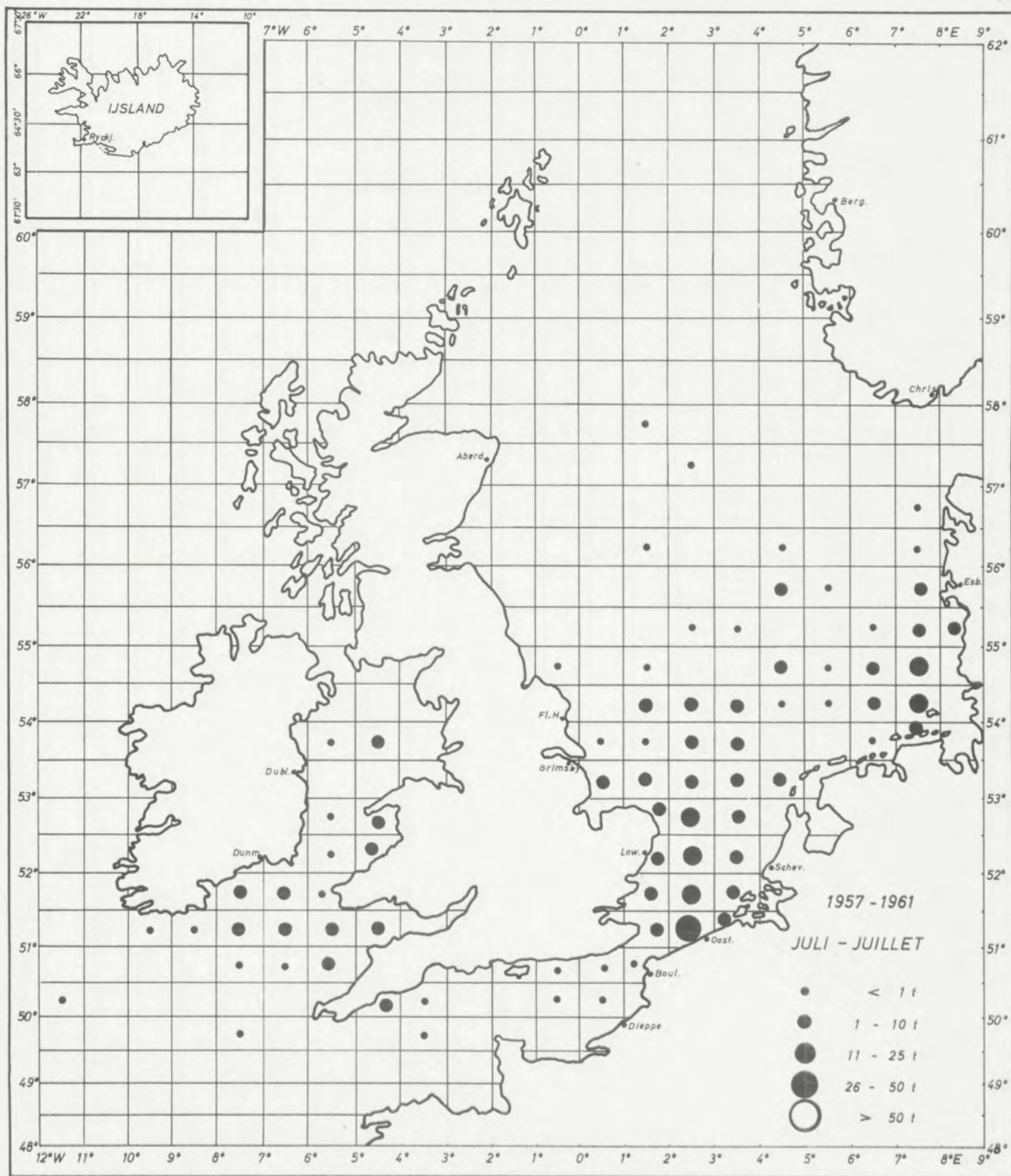


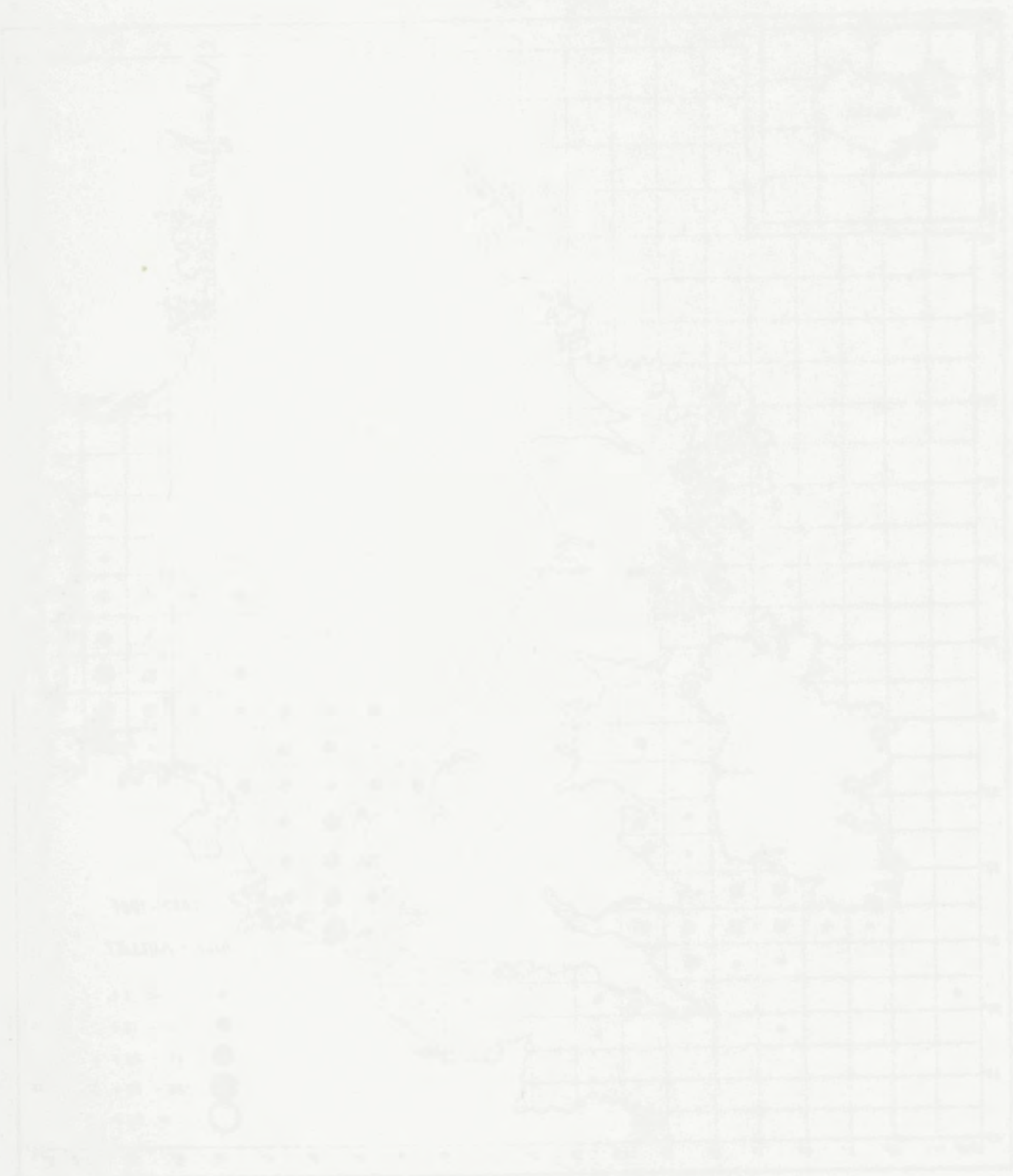


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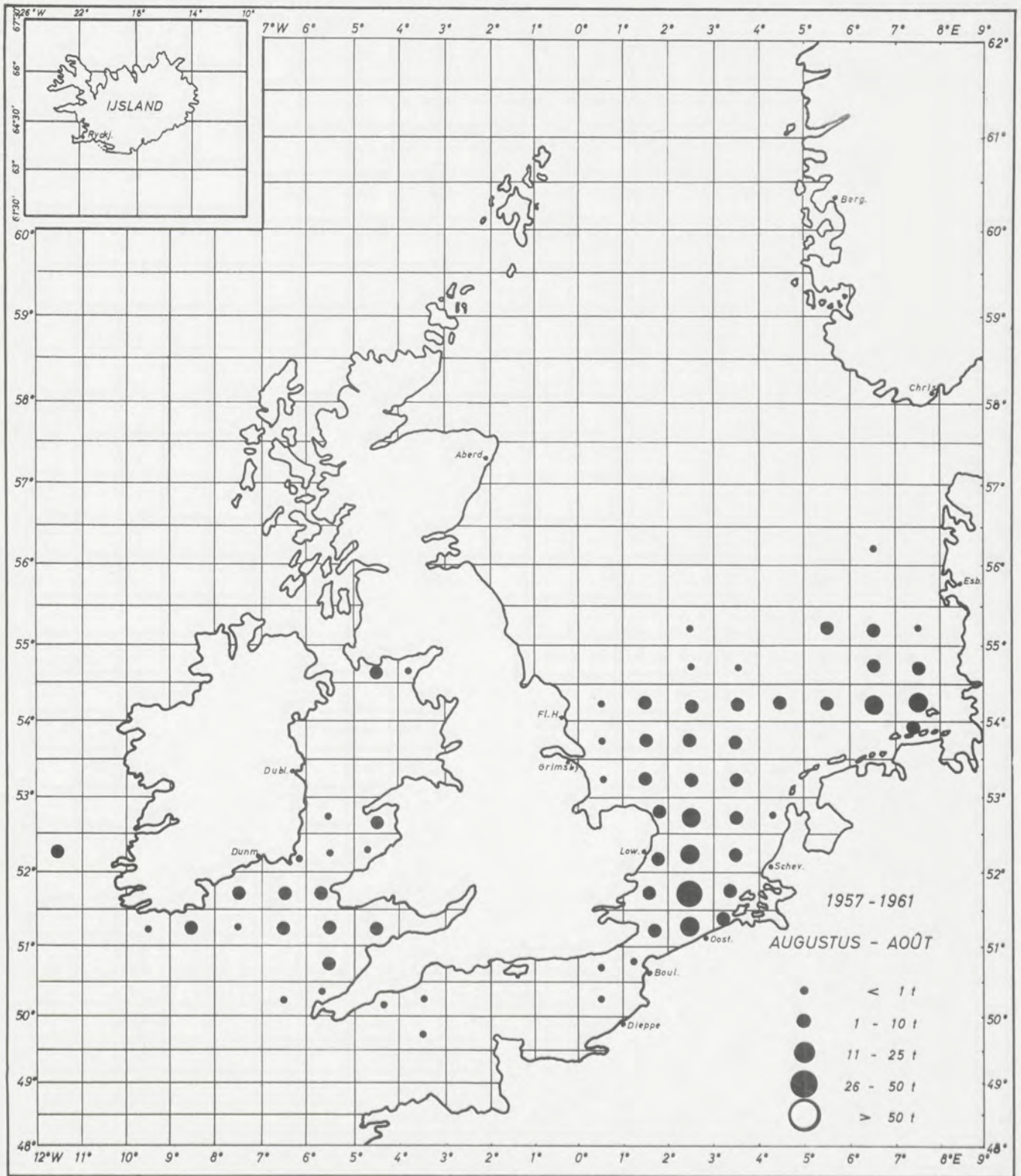


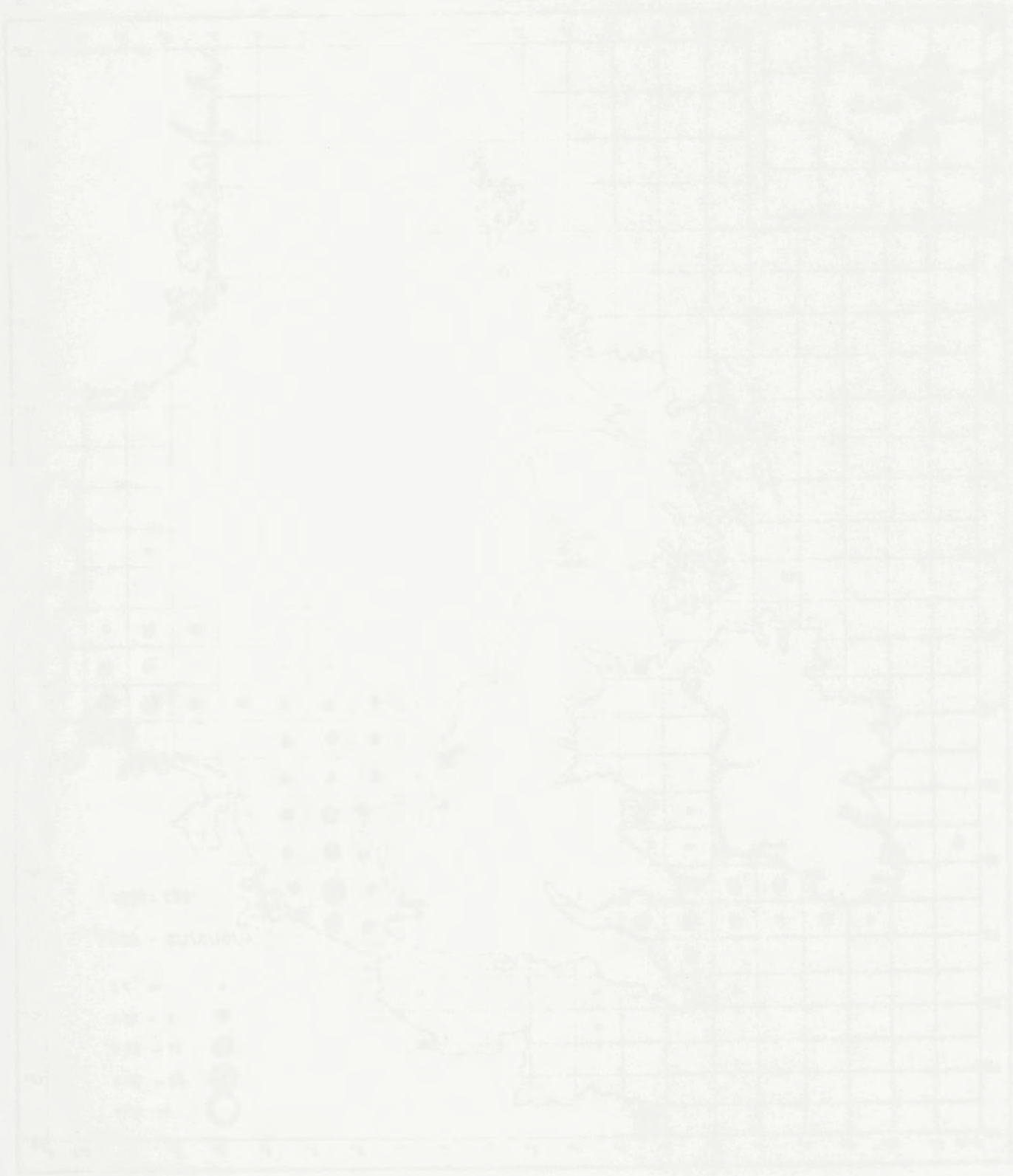






TONG - SOLE



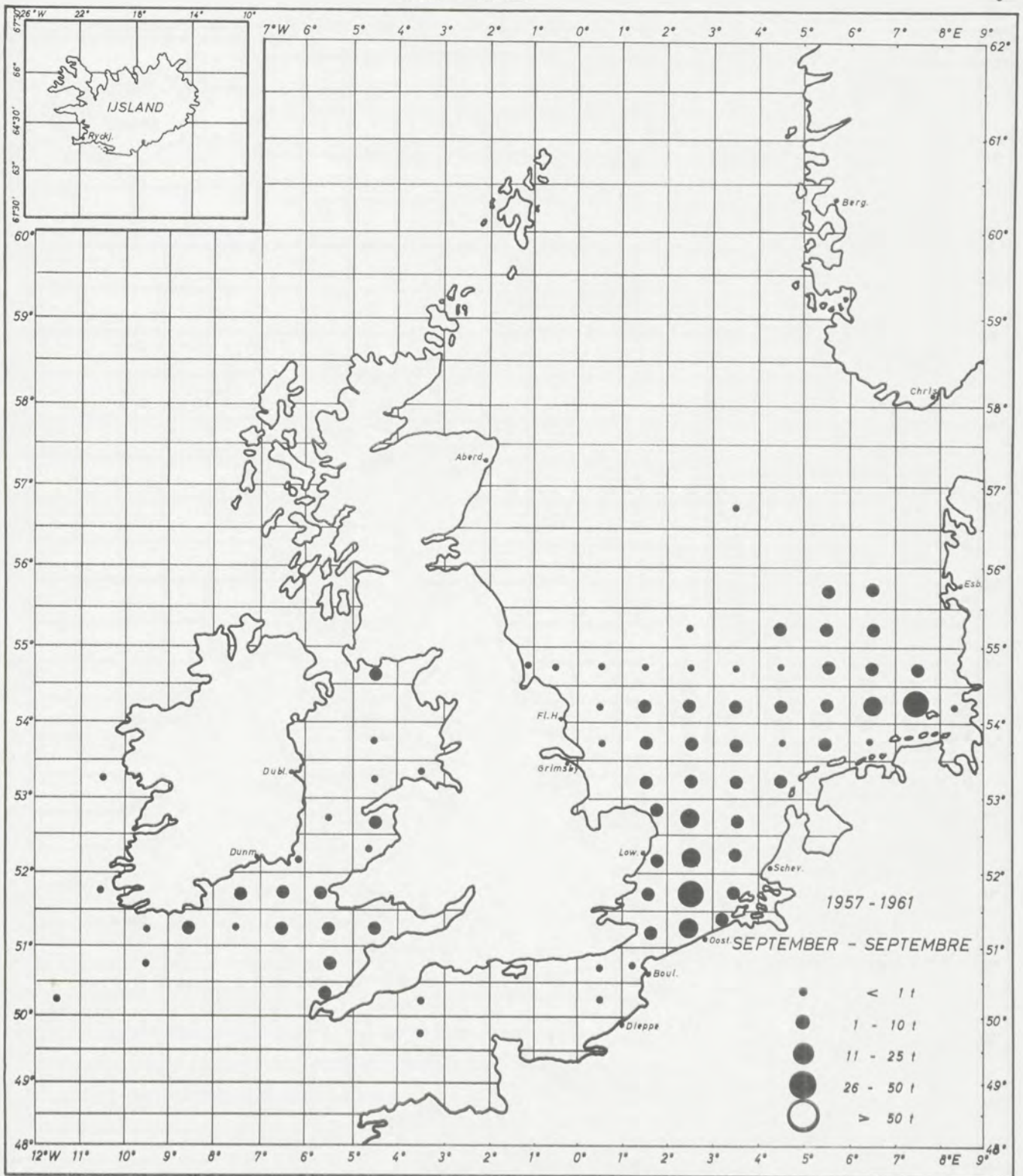


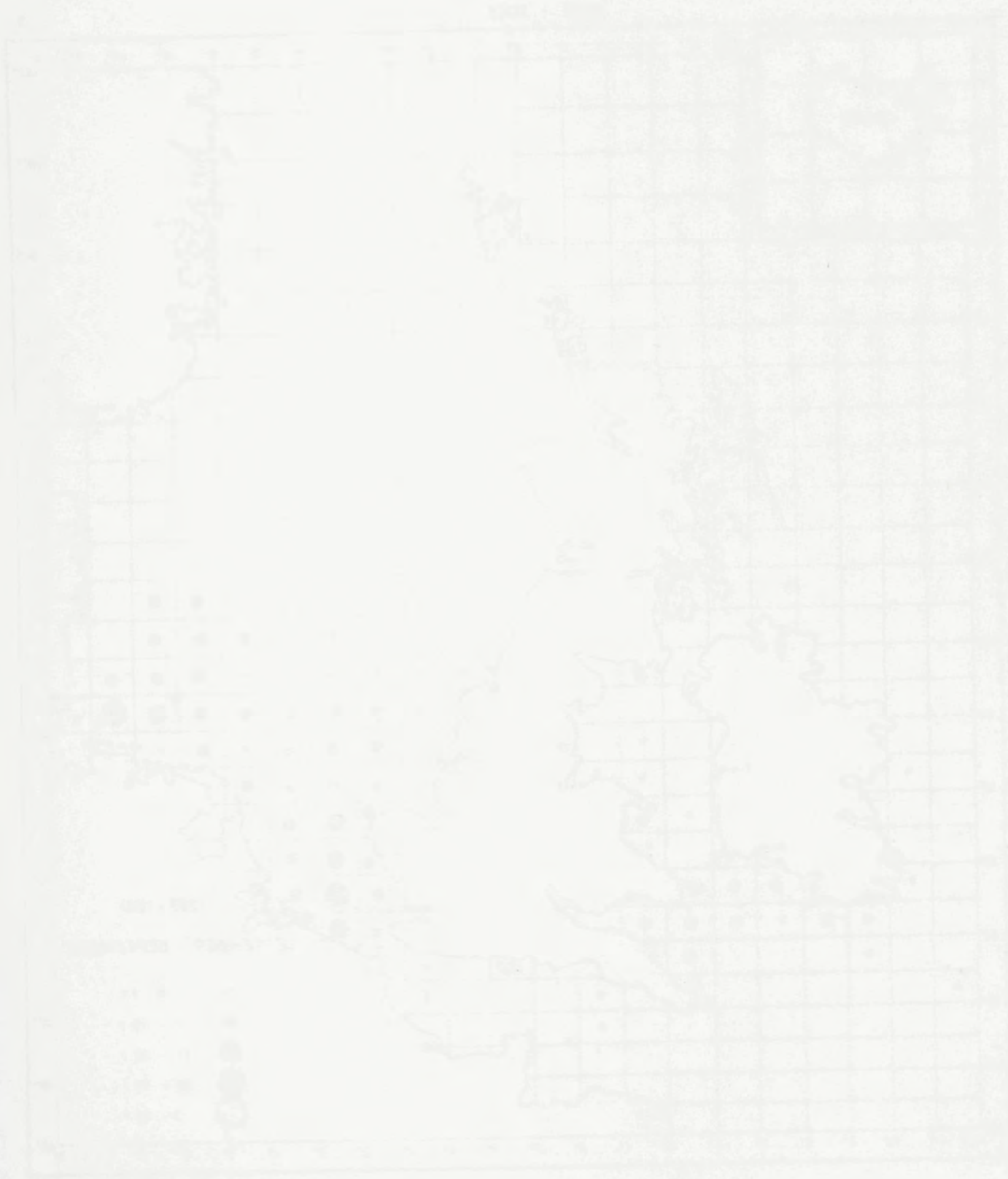
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SOUTH - SUZUKI

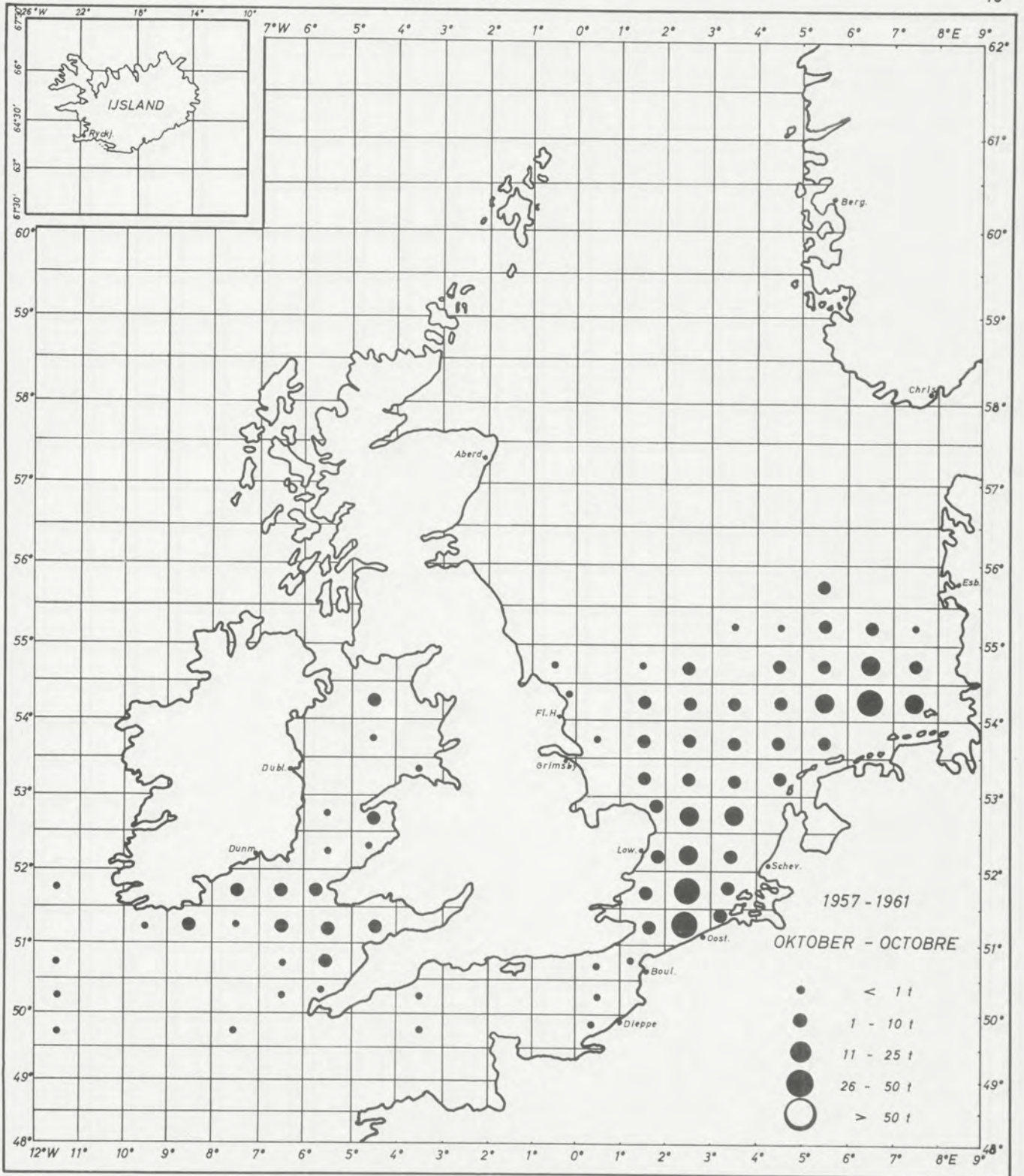
SOUTH - SUZUKI

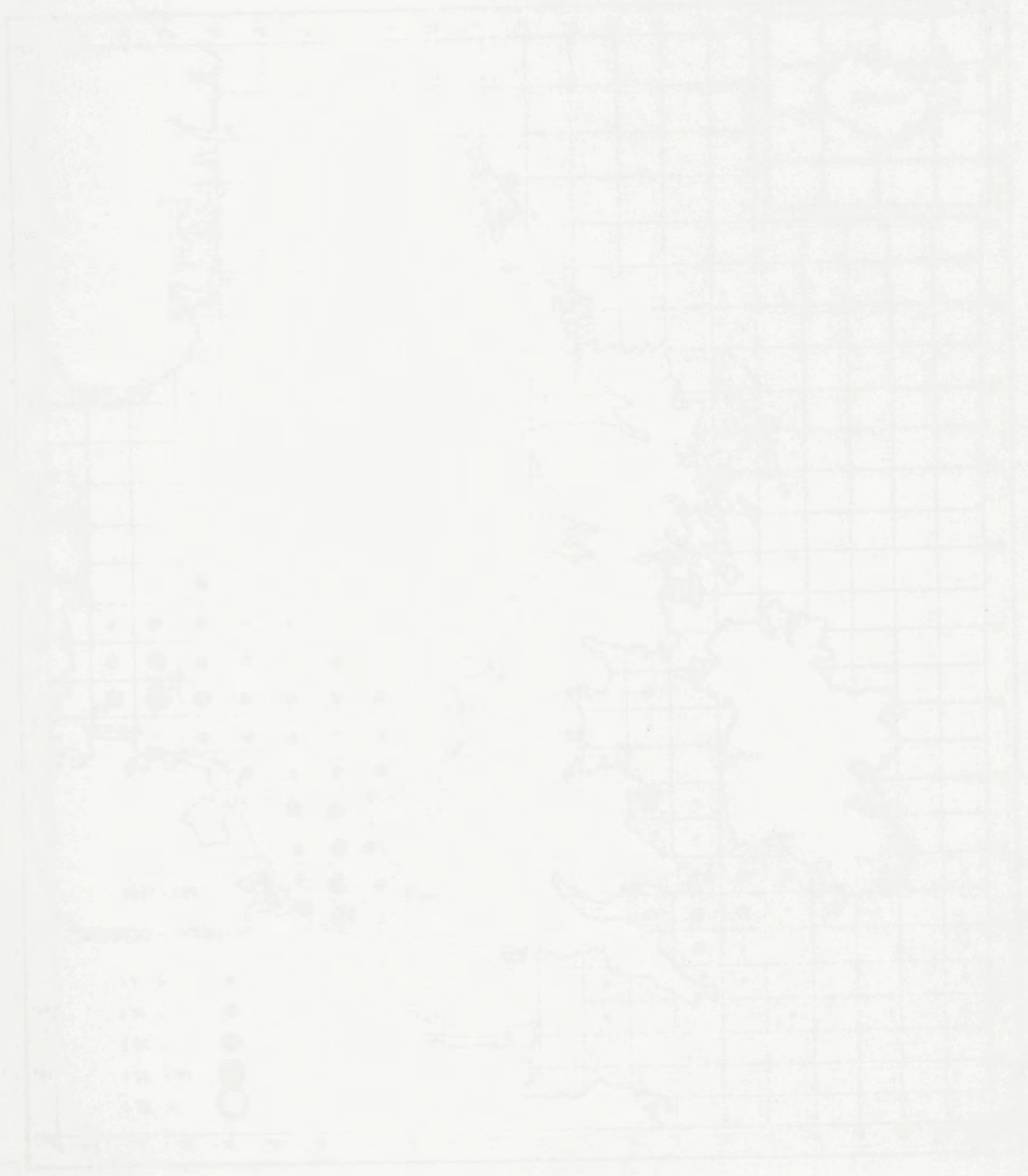
TONG - SOLE





TONG - SOLE



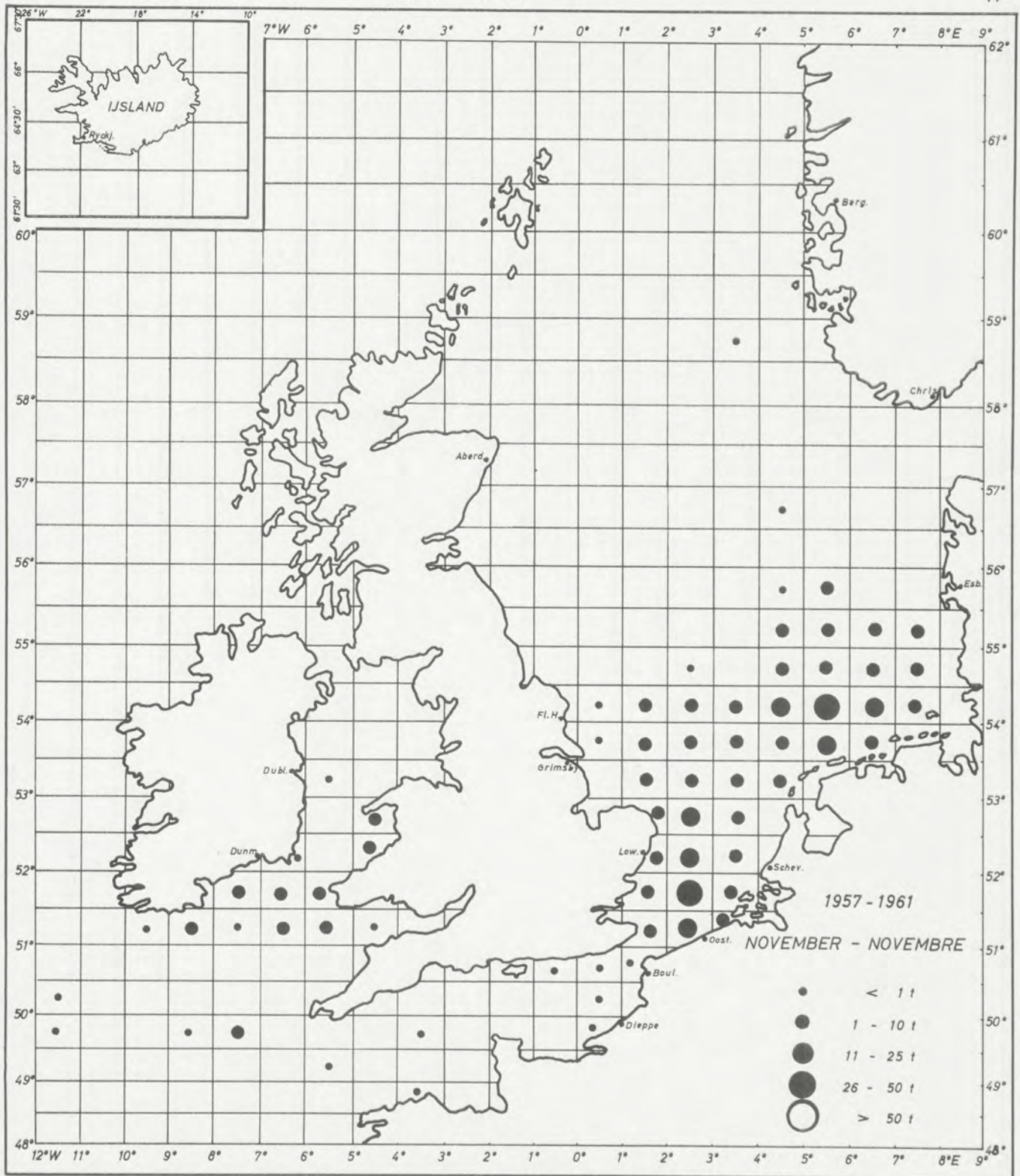


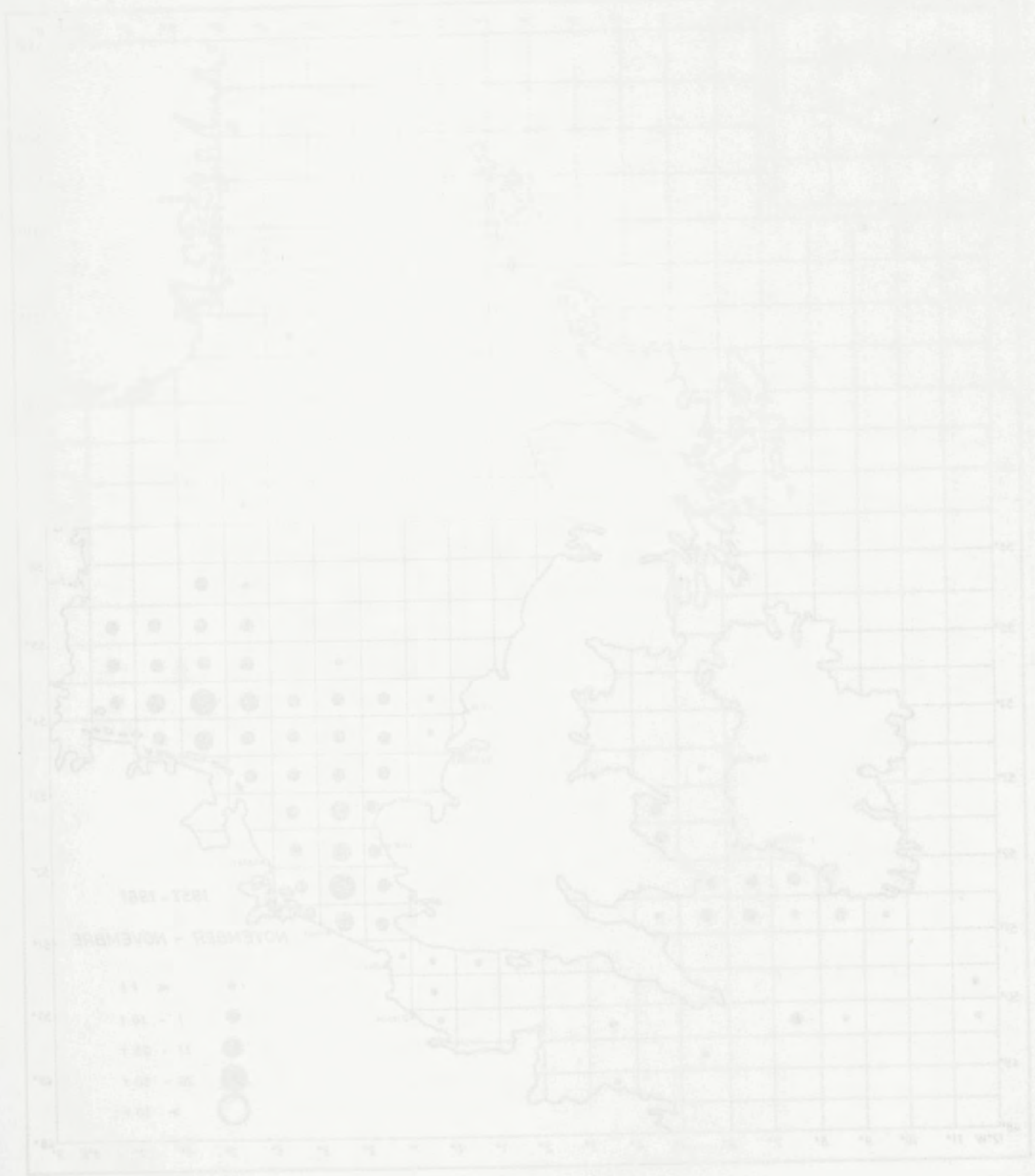
Handwritten text, possibly a title or label, located in the upper left quadrant of the map area.

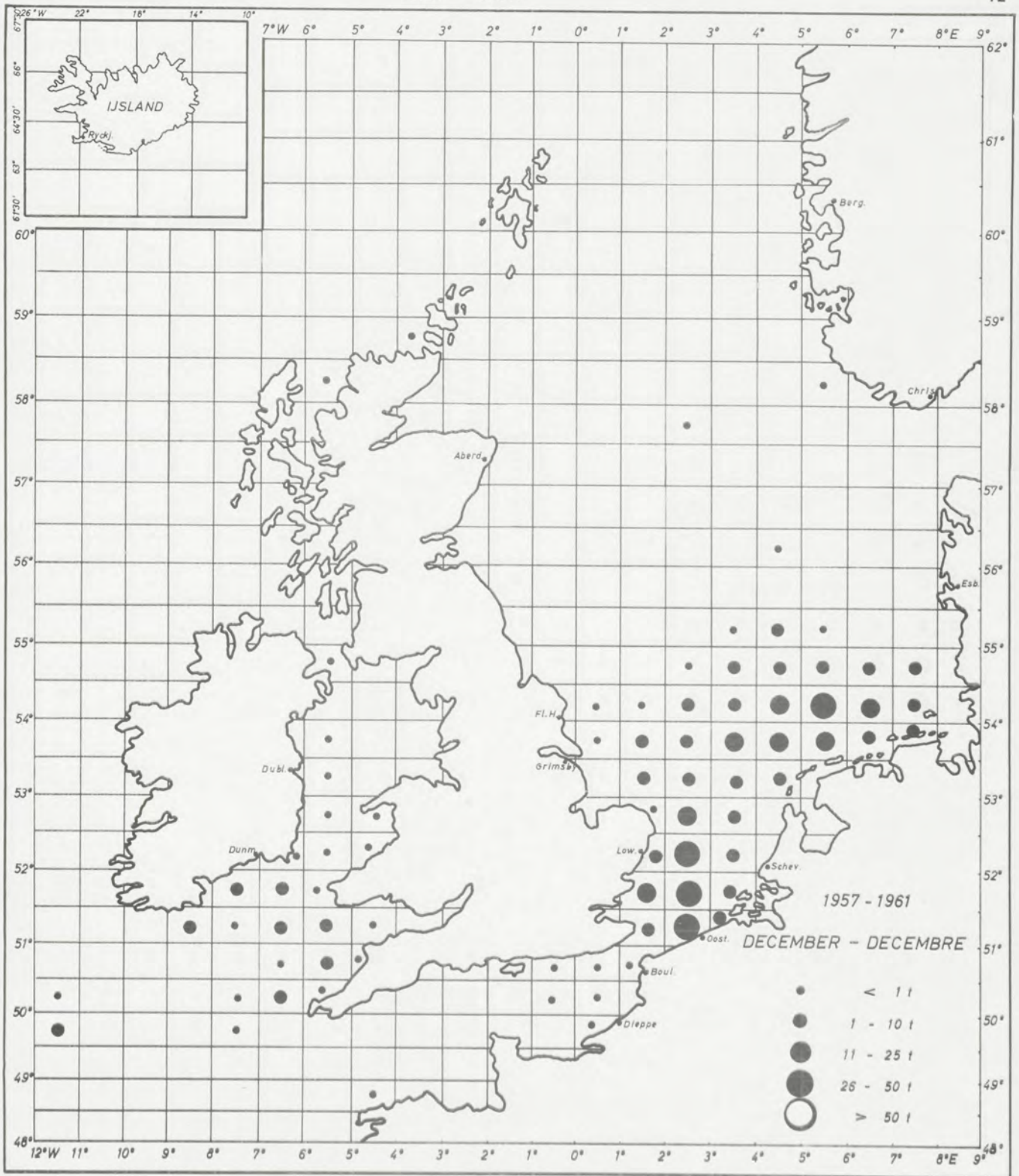
Handwritten text, possibly a label, located in the upper middle section of the map area.

Handwritten text, possibly a legend or key, located in the lower left quadrant of the map area.

TONG - SOLE









TONG - SOLE

