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for Marine Sci

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BELGISCHE

ZEEVISSERIJATLAS

ATLAS DES PECHES

MARITIMES BELGES

1963

E. LELOUP

Ch. GILLIS

MINISTERIE VAN LANDBOUW

BESTUUR VOOR LANDBOUWKUNDIG ONDERZOEK

COMMISSIE VOOR TOEGEPAST WETENSCHAPPELIJK ONDERZOEK IN DE ZEEVISSERIJ



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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 bijvangsten door de garnaal-, haring- en sprotvissers verwezenlijkt.

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Third block of faint, illegible text, continuing the document's content.

Fourth block of faint, illegible text, showing further details or a list.

Fifth block of faint, illegible text, possibly a concluding paragraph or a signature area.

Sixth block of faint, illegible text, appearing as a separate section.

Seventh block of faint, illegible text, continuing the document's content.

Eighth block of faint, illegible text, possibly a list or a set of instructions.

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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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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.

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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.

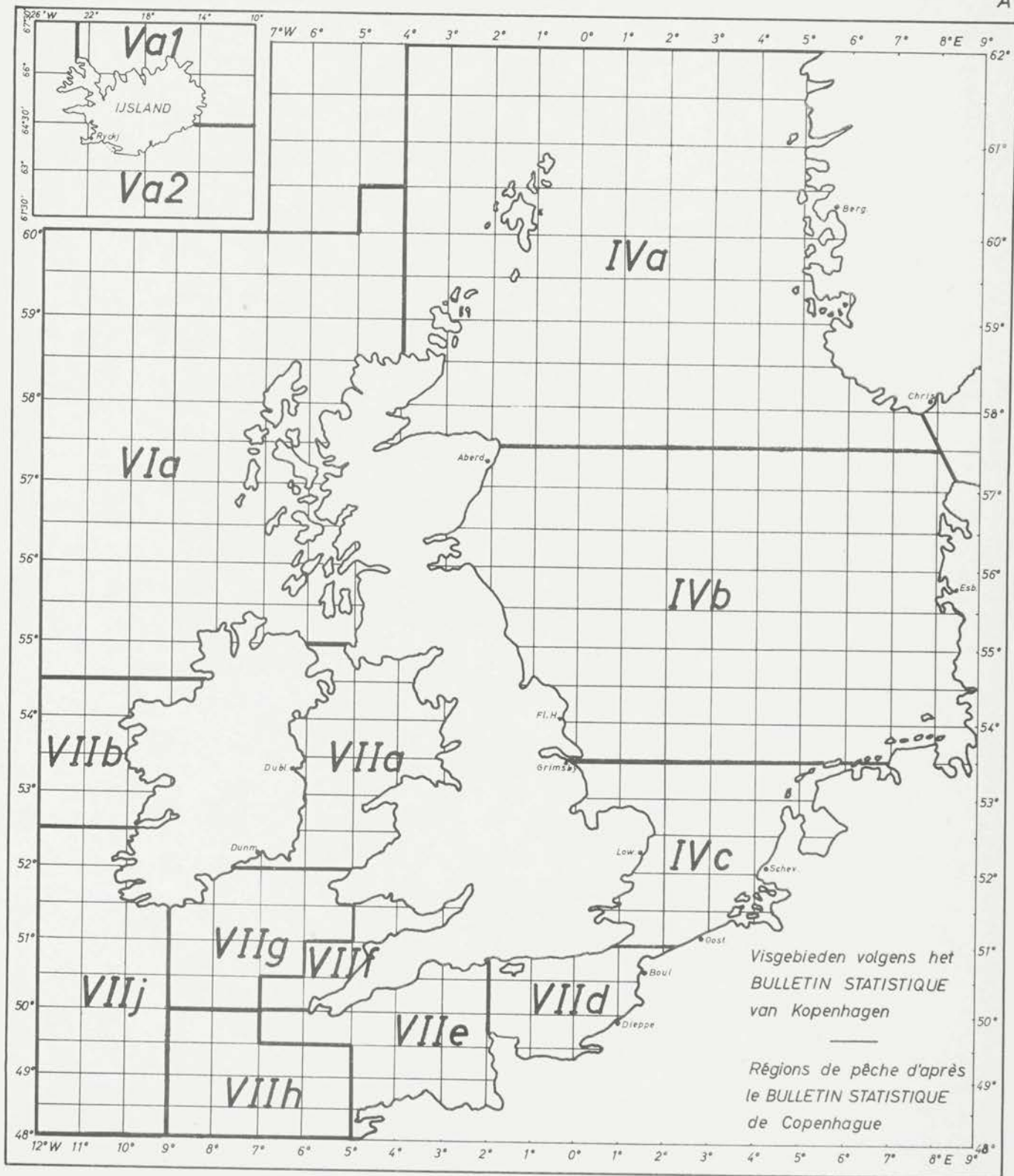
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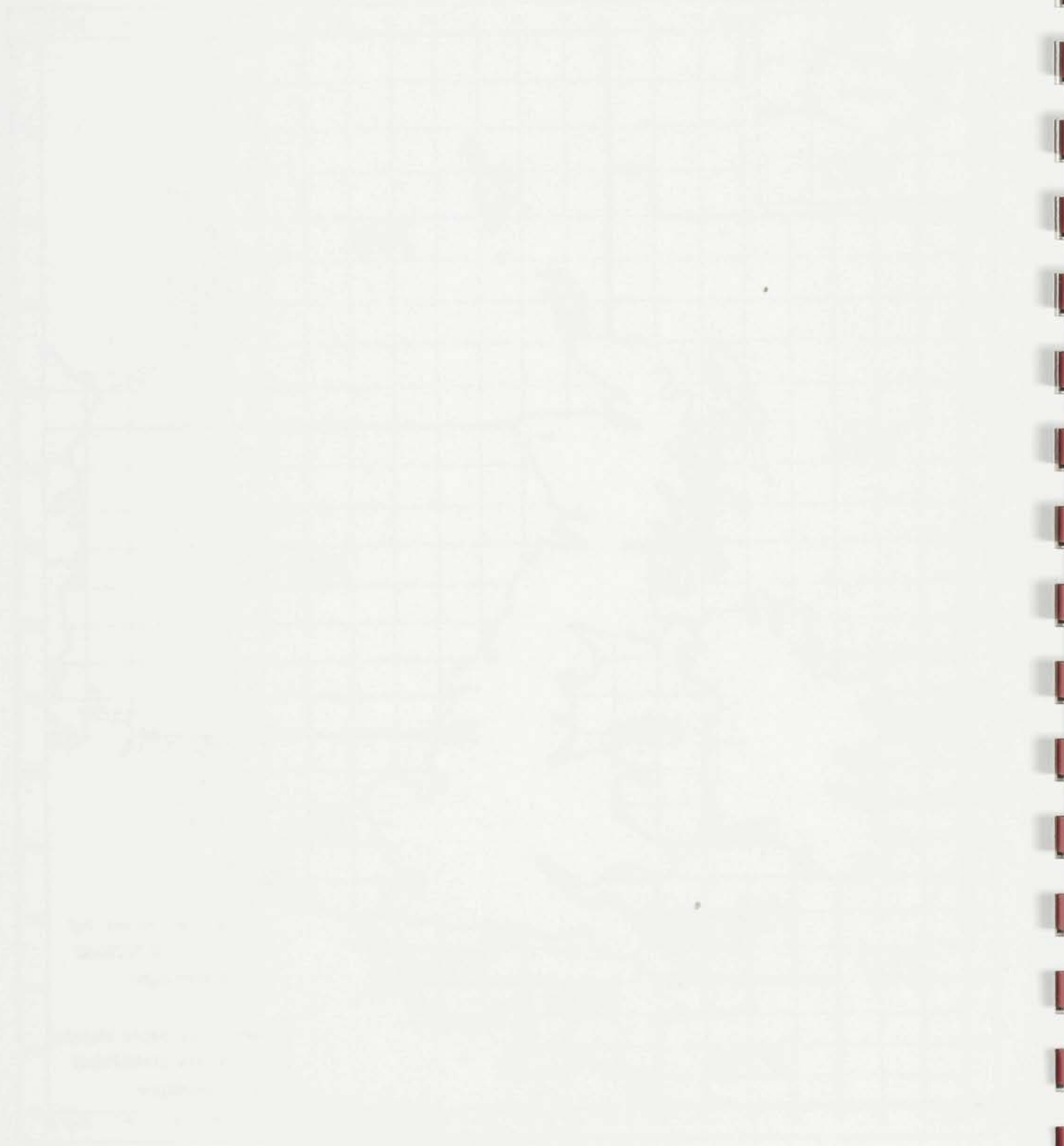
Tabel II - JAARLIJKSE EVOLUTIE VAN DE BELANGRIJKHEID DER VISSERSVLOOT (1)
 Tableau II - EVOLUTION ANNUELLE DE L'IMPORTANCE DE LA FLOTTILLE DE PECHE (1)

| Jaar Année | Scheepsklassen | | | Classes de navires | | | Totaal Total |
|-------------------------------------|---|---|--|--|---|--|-----------------|
| | I (< 80 pk) Garnaaltreilers Chalutiers crevettiers | II (80-119pk) Kusttreilers Chalutiers côtiers | III (120-239pk) Kleine mid- denslag tr. Petits cha- lutiers moy- ens | IV (240-349pk) Grote midden slagtreilers Grands chalu- tiers moyens | V (350-499pk) Kleine diep- zeetreibers Petits cha- lutiers hau- turiers | VI (> 500pk) Grote diep- zeetreibers Grands chalu- tiers hautu- riers | |
| 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





KABELJAUW - CABILLAUD - GADUS CALLARIAS (L.)



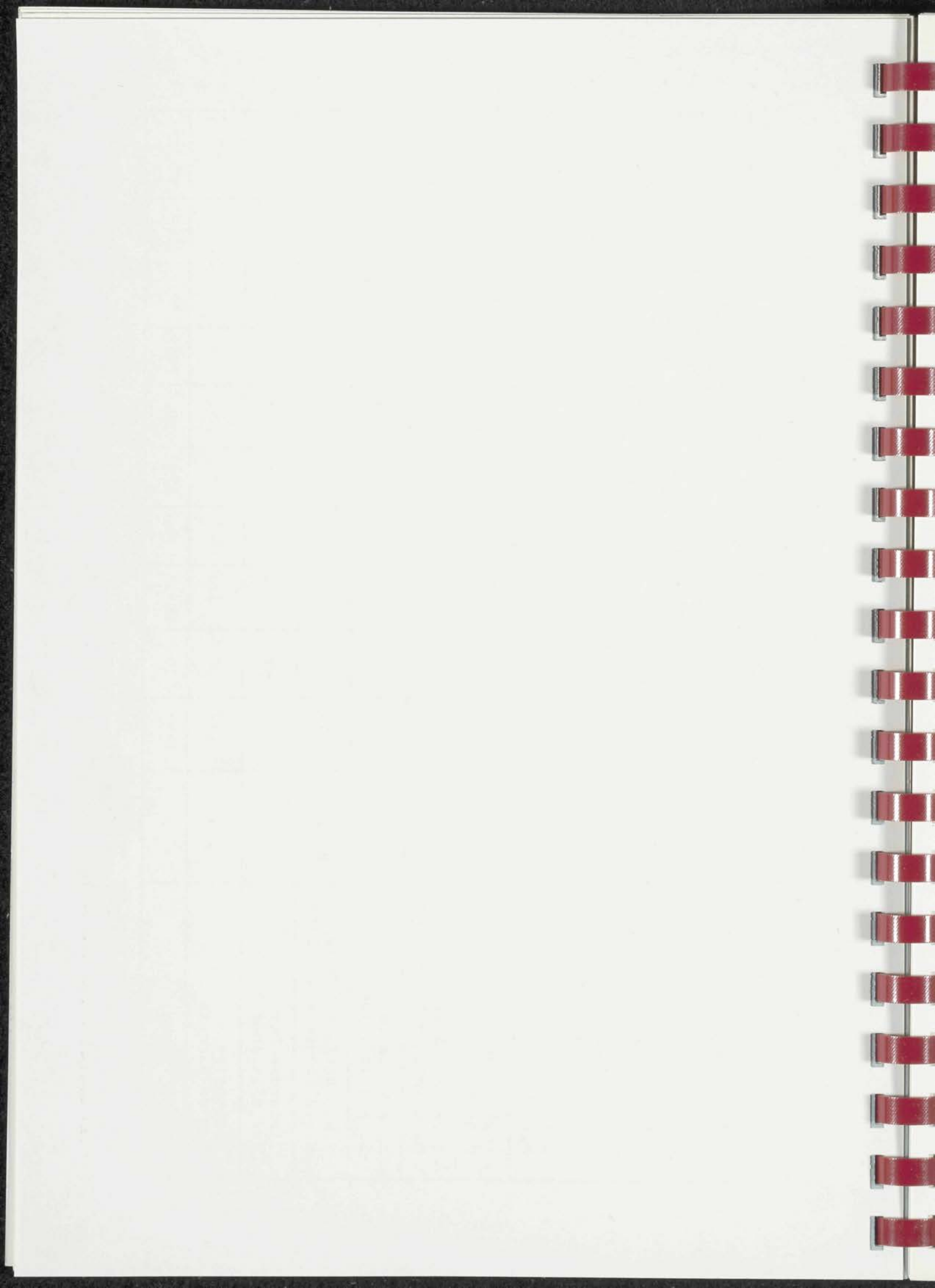
Tabel I - KABELJAUW - Indeling van de jaarlijkse vangst volgens de gebieden (1)

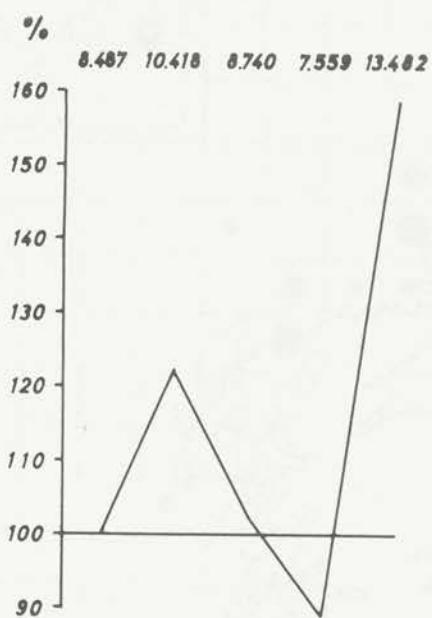
Tableau I - CABILLAUD - Répartition des pêches annuelles d'après les régions (1)

| 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 - CABILLAUD

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

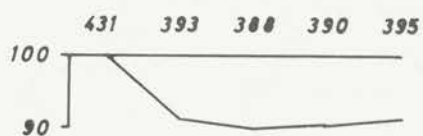


Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navires en activité

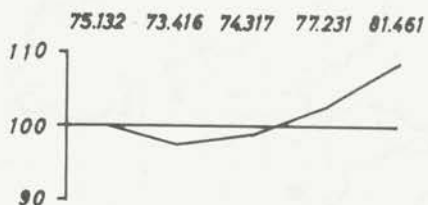


Fig. 3. Drijfkracht (pk)
Force motrice (cx)

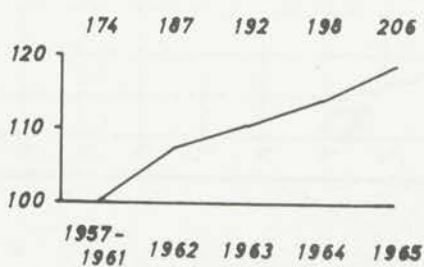
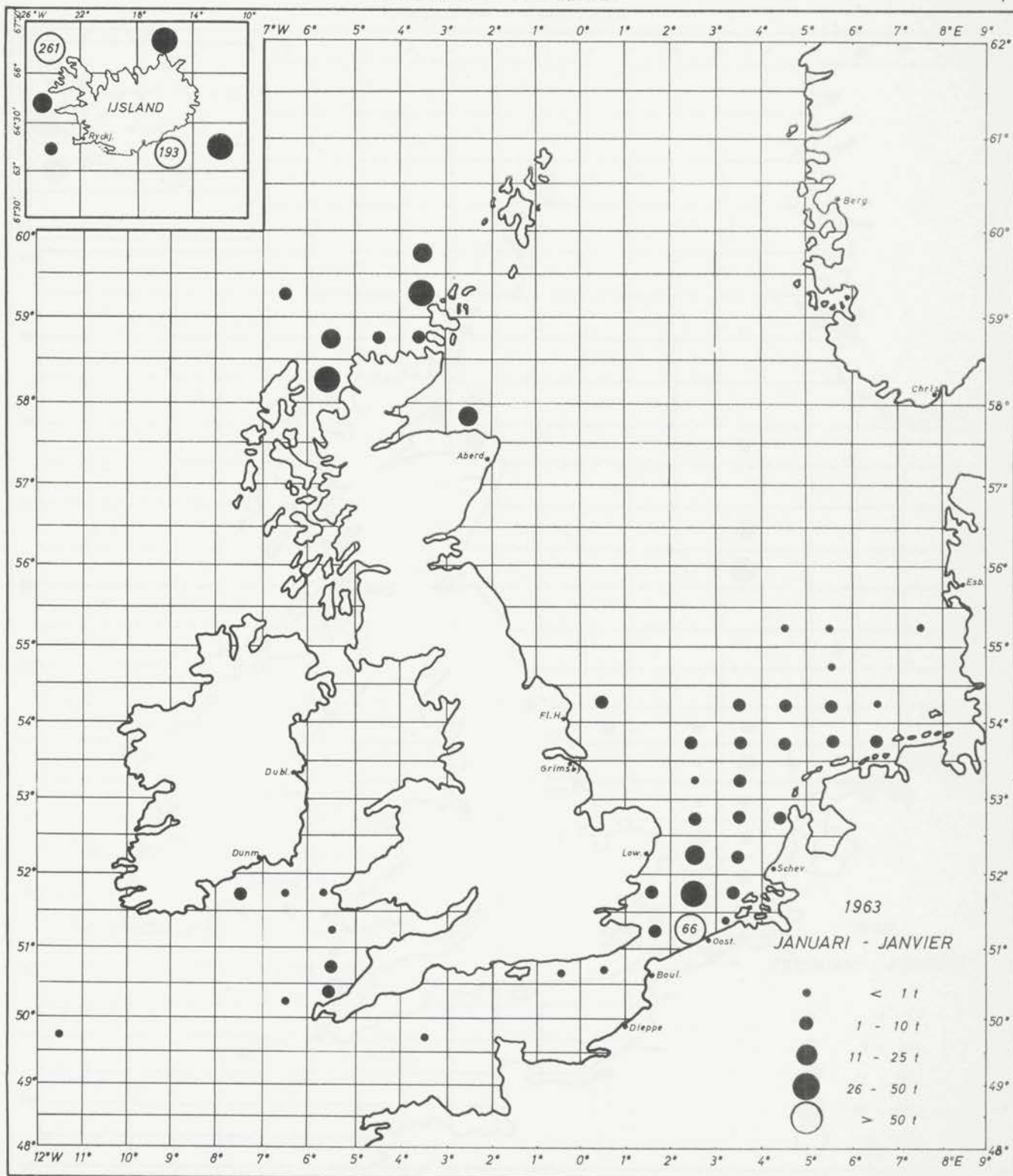
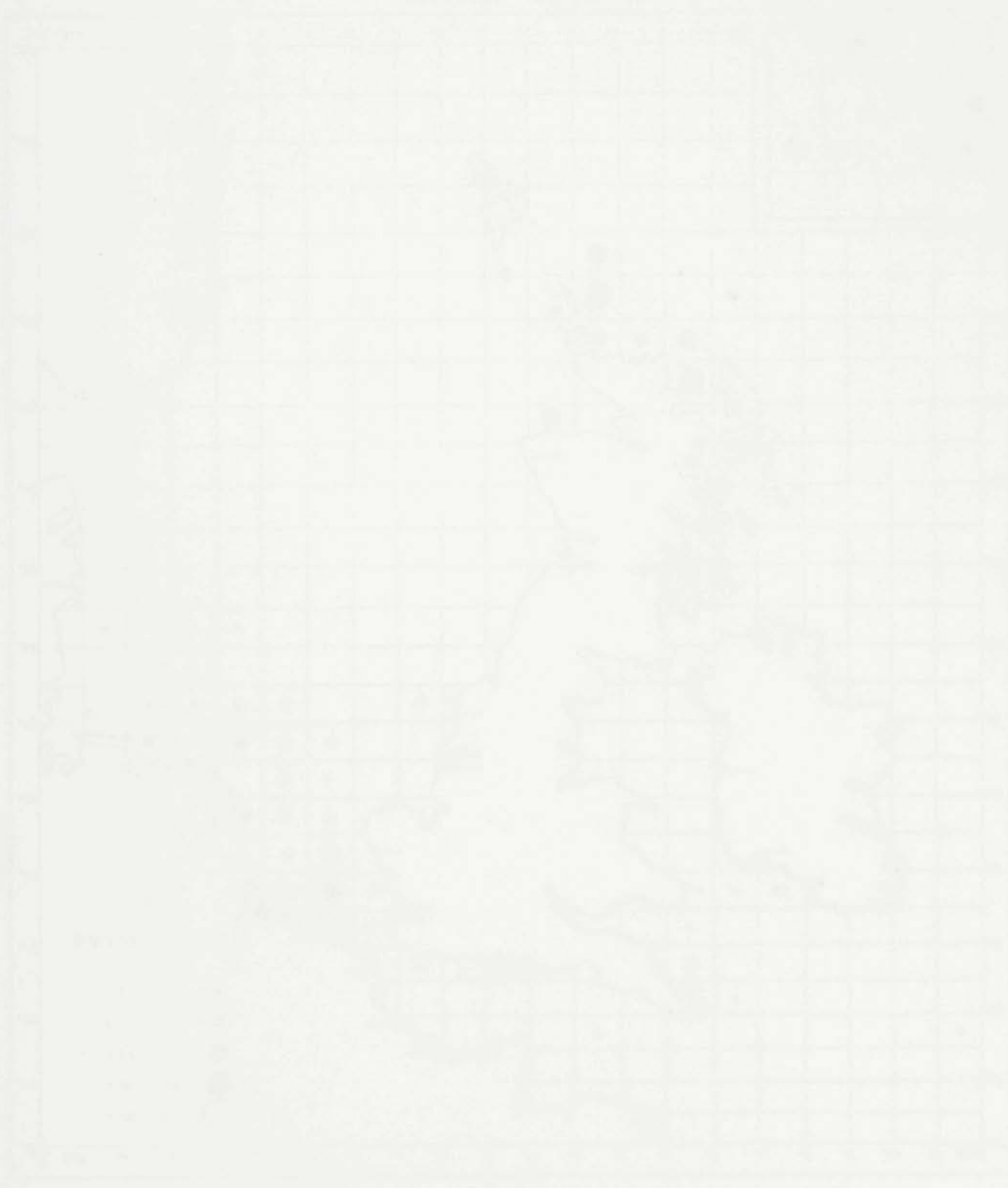


Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cx par navire

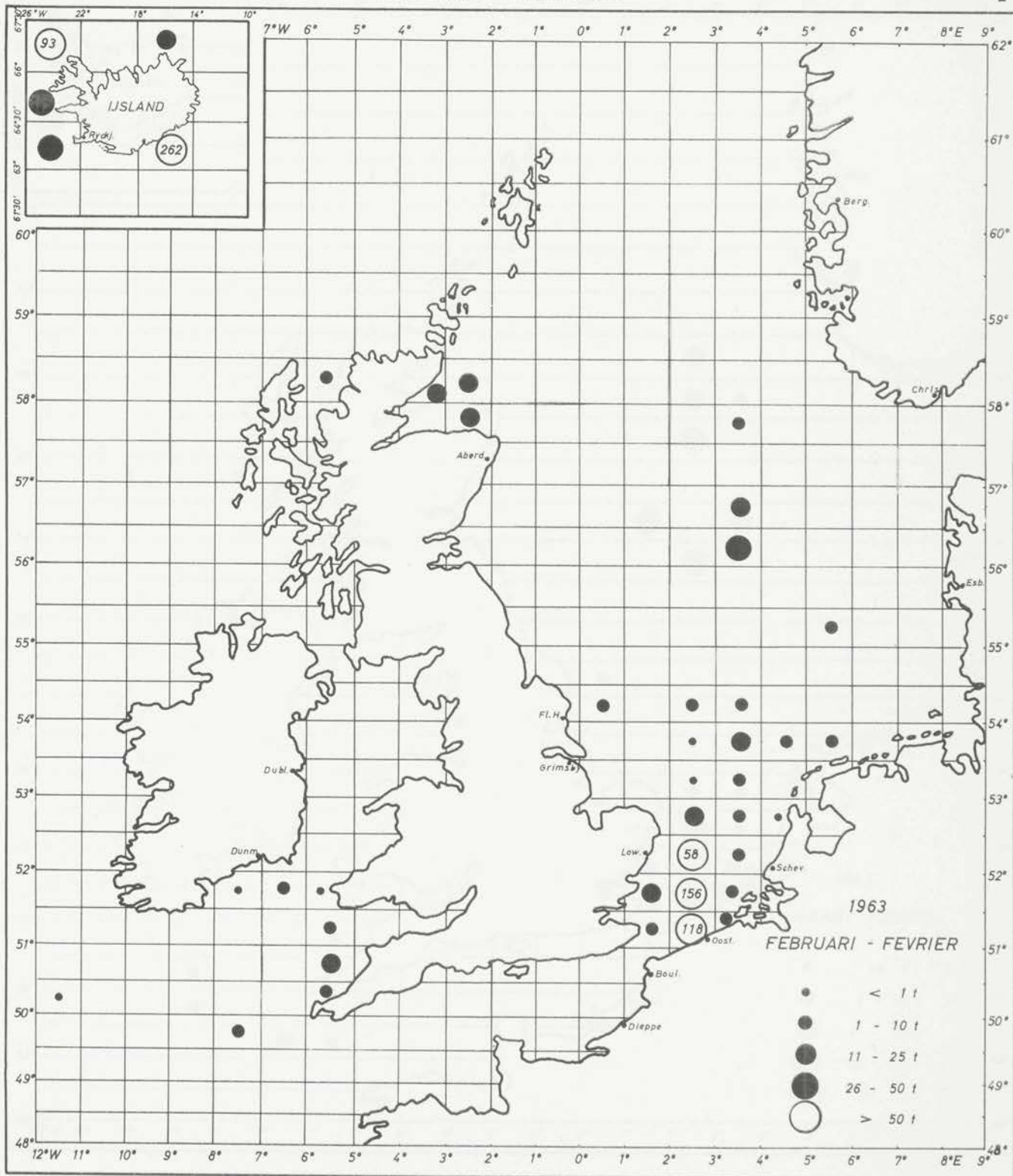


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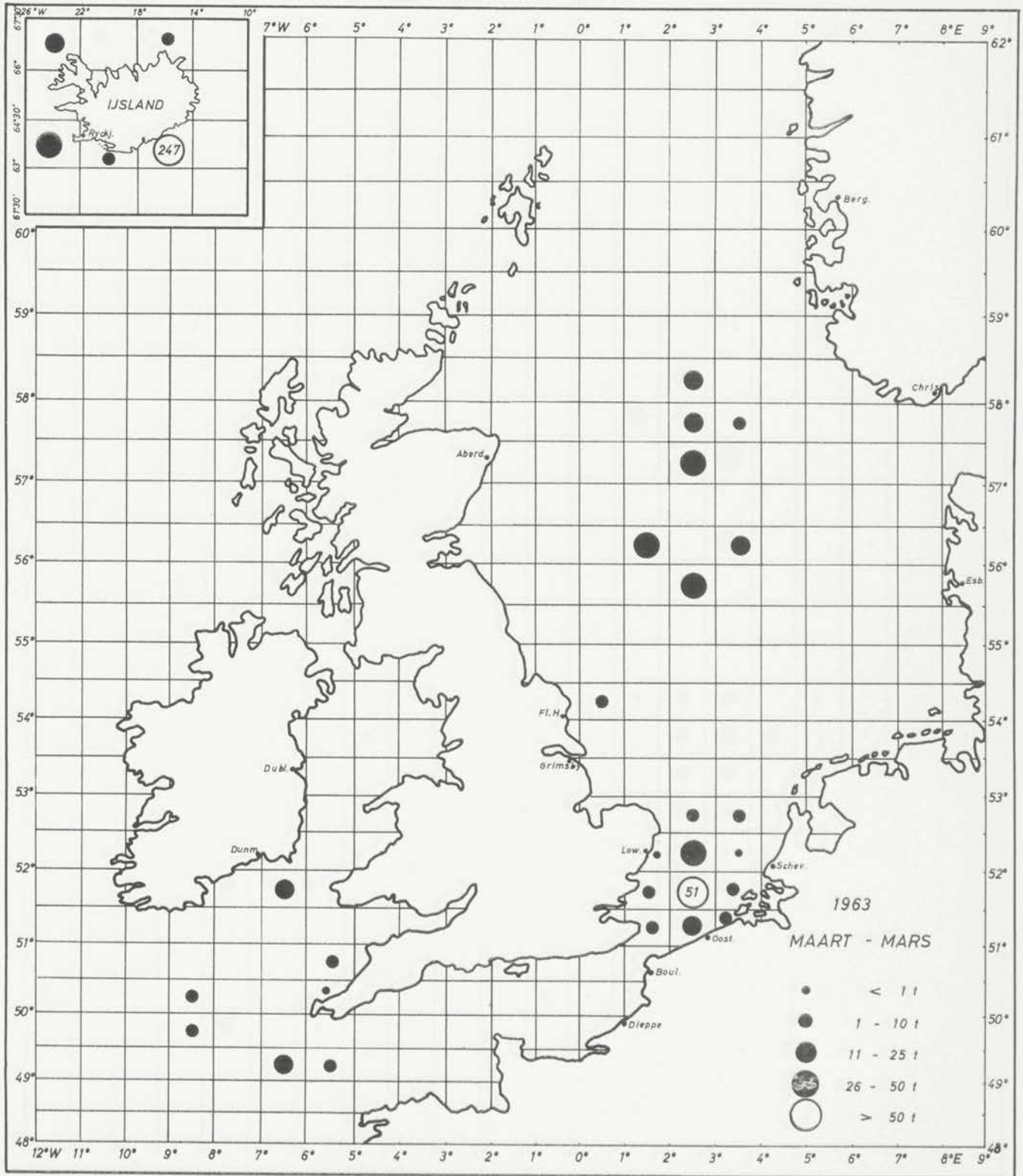


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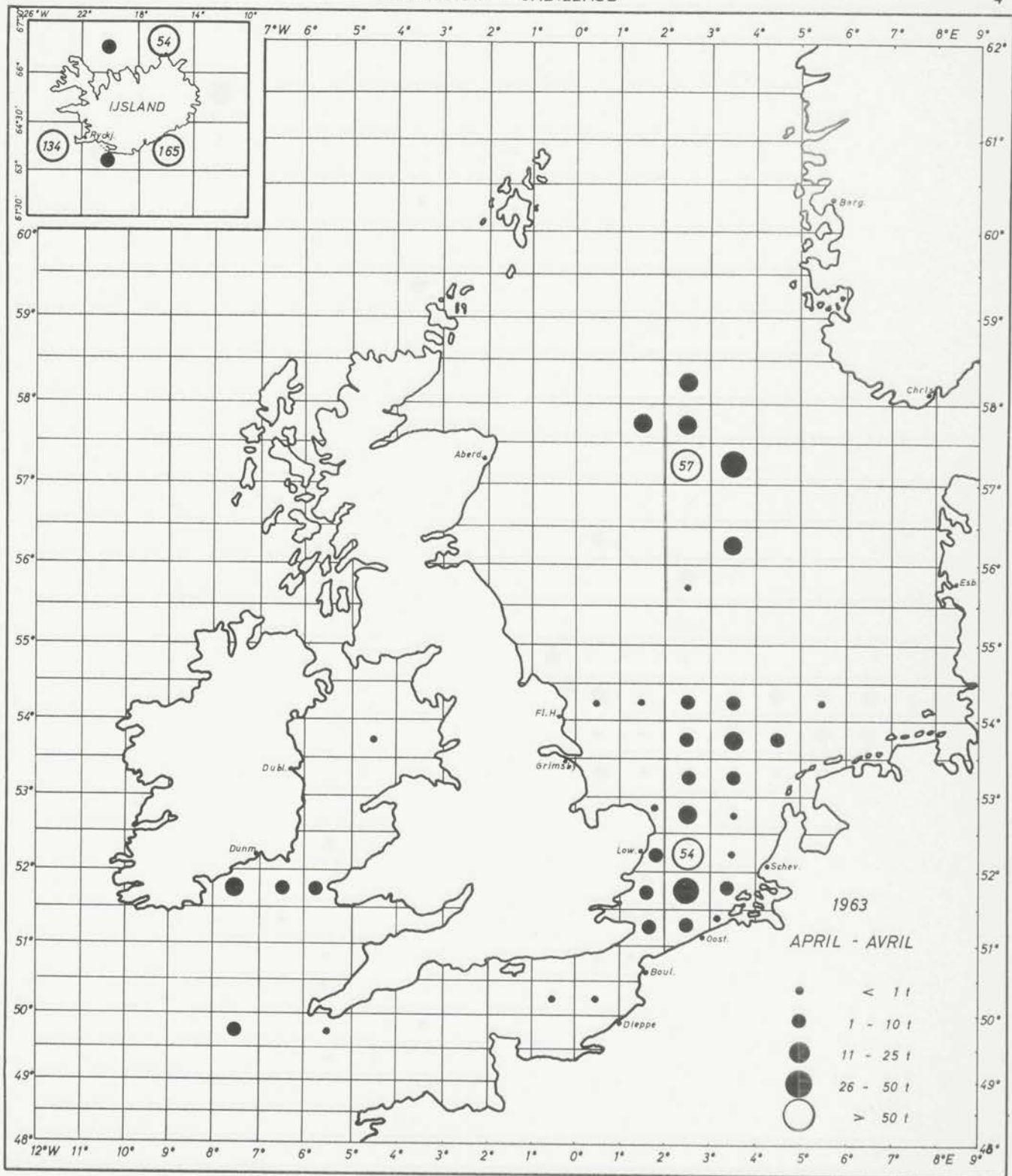


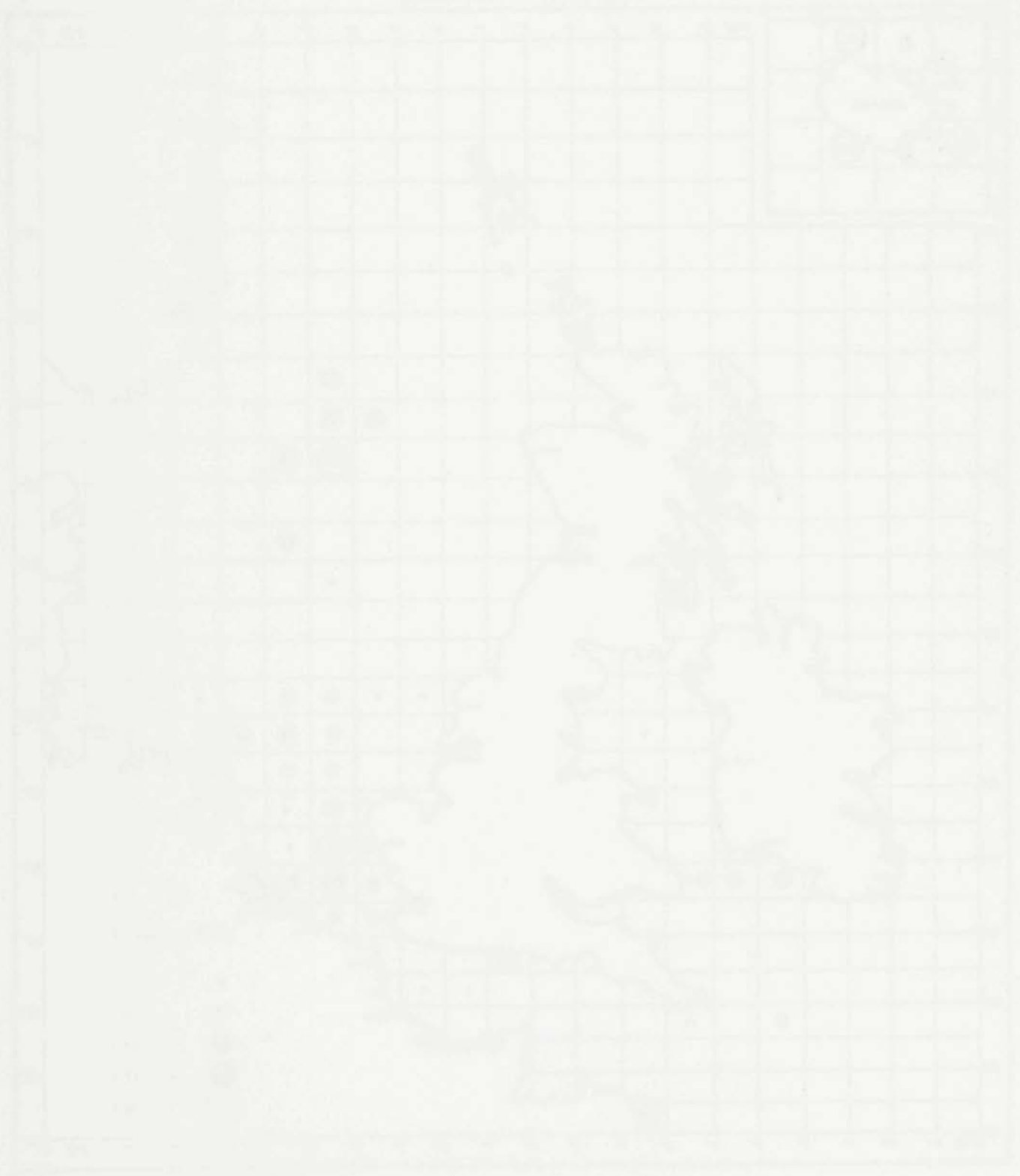
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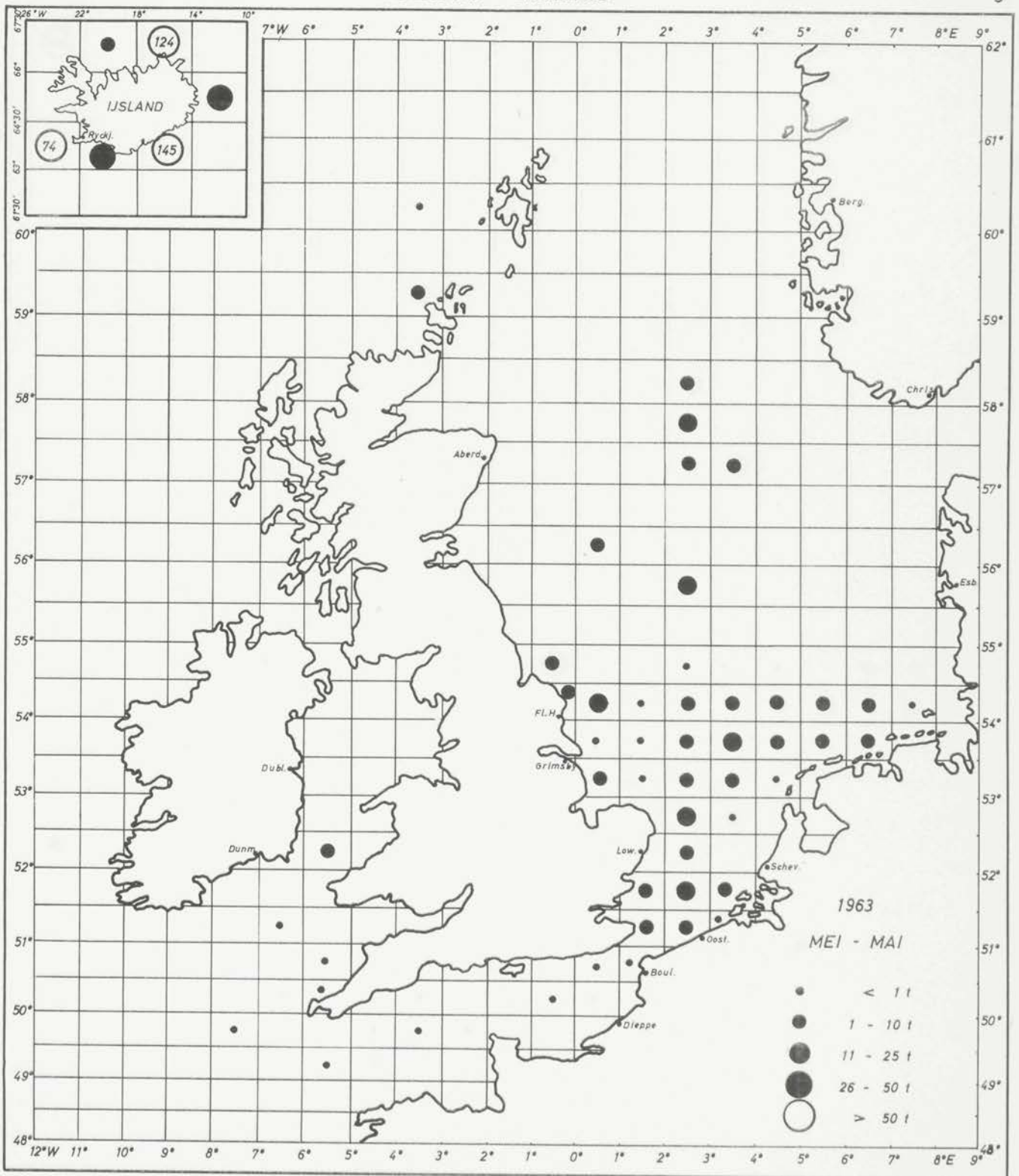


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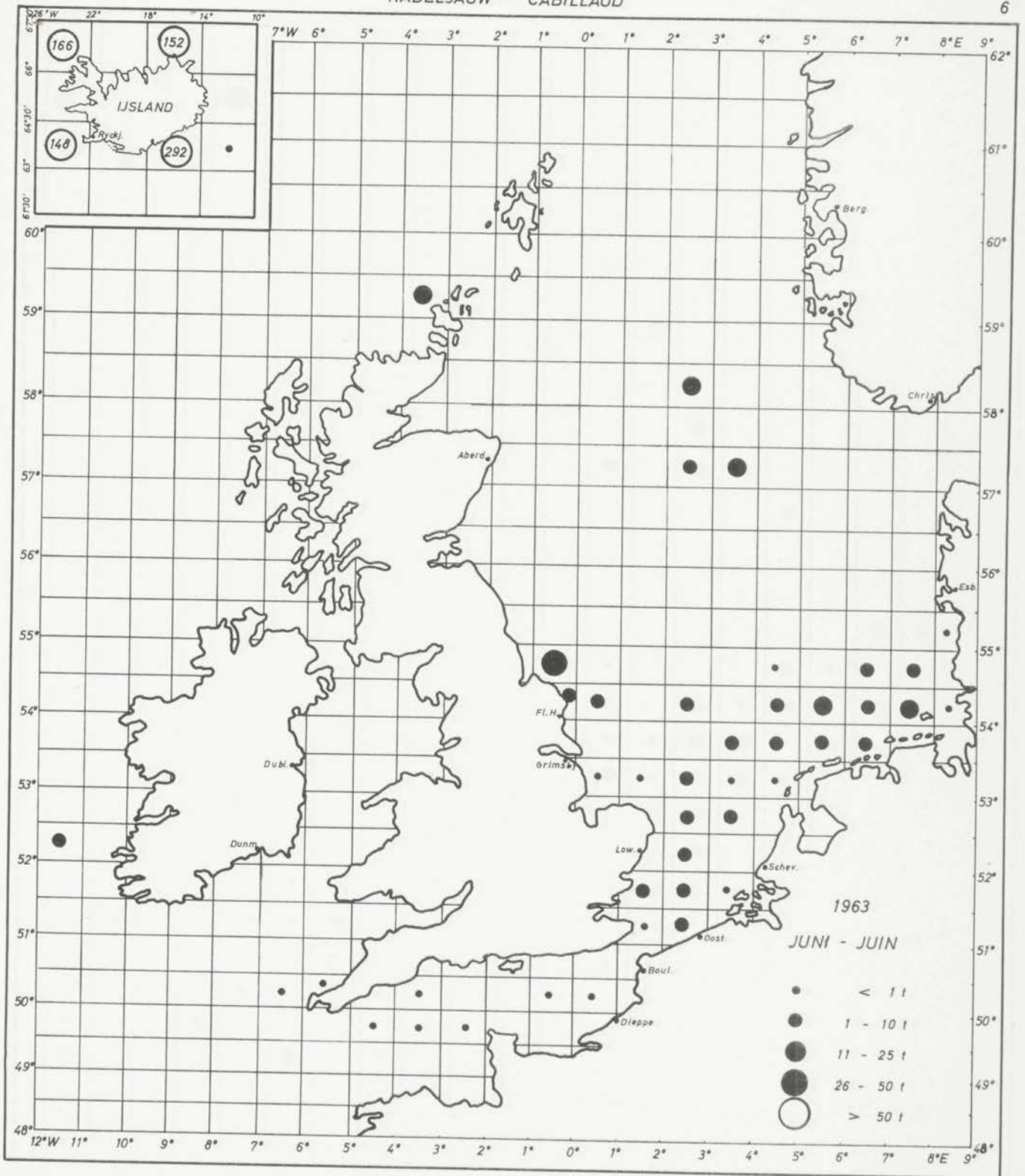


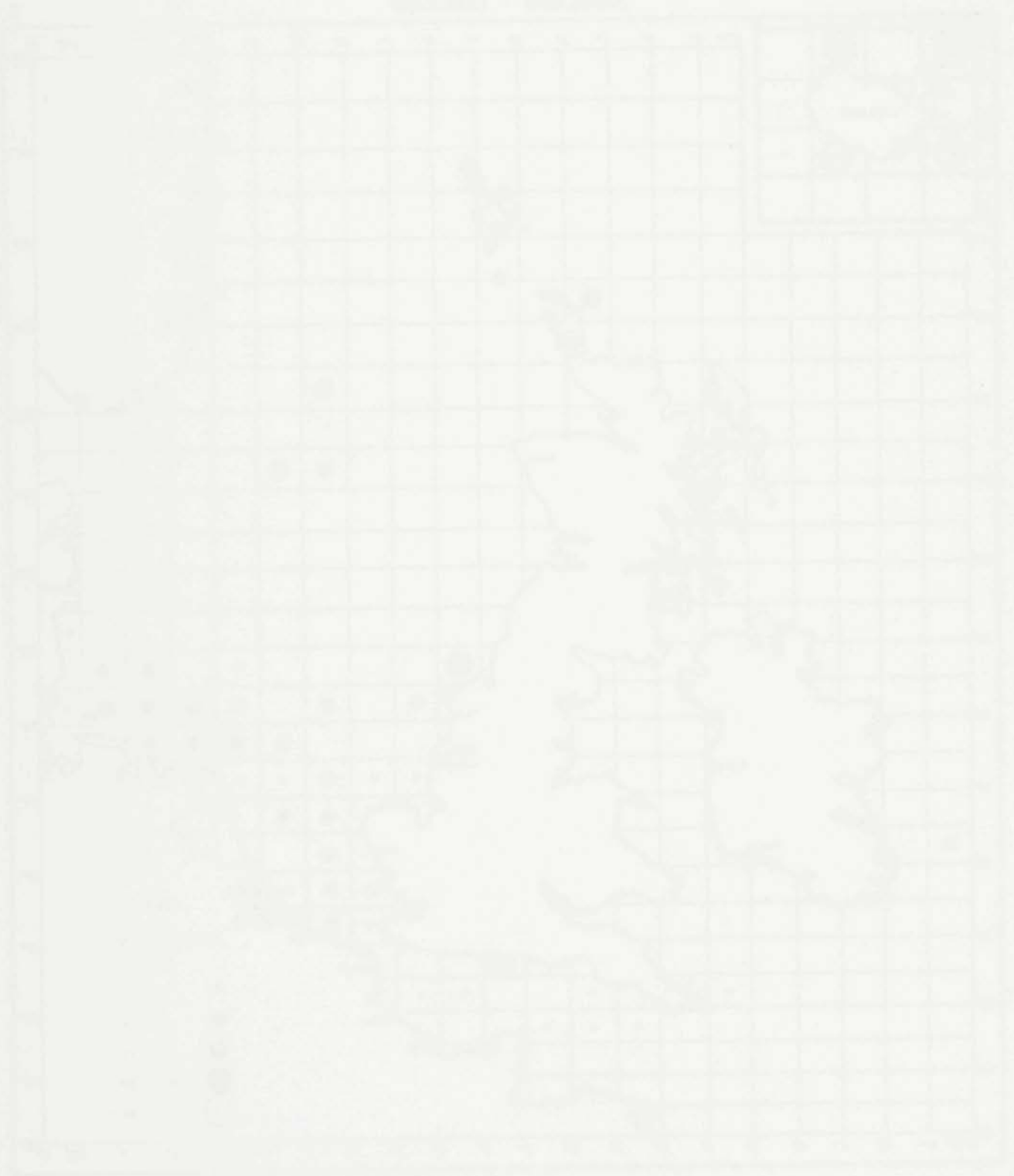
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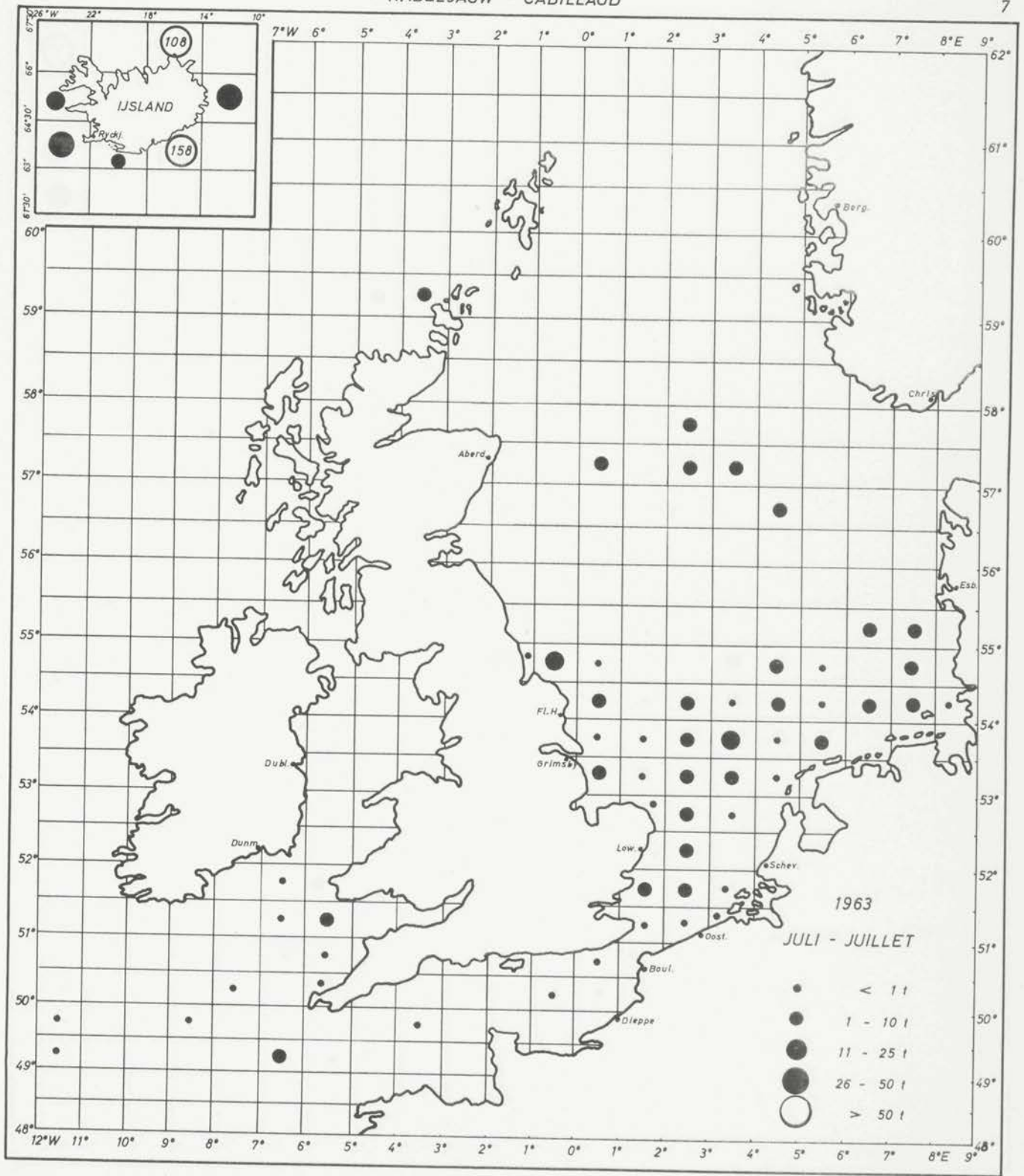


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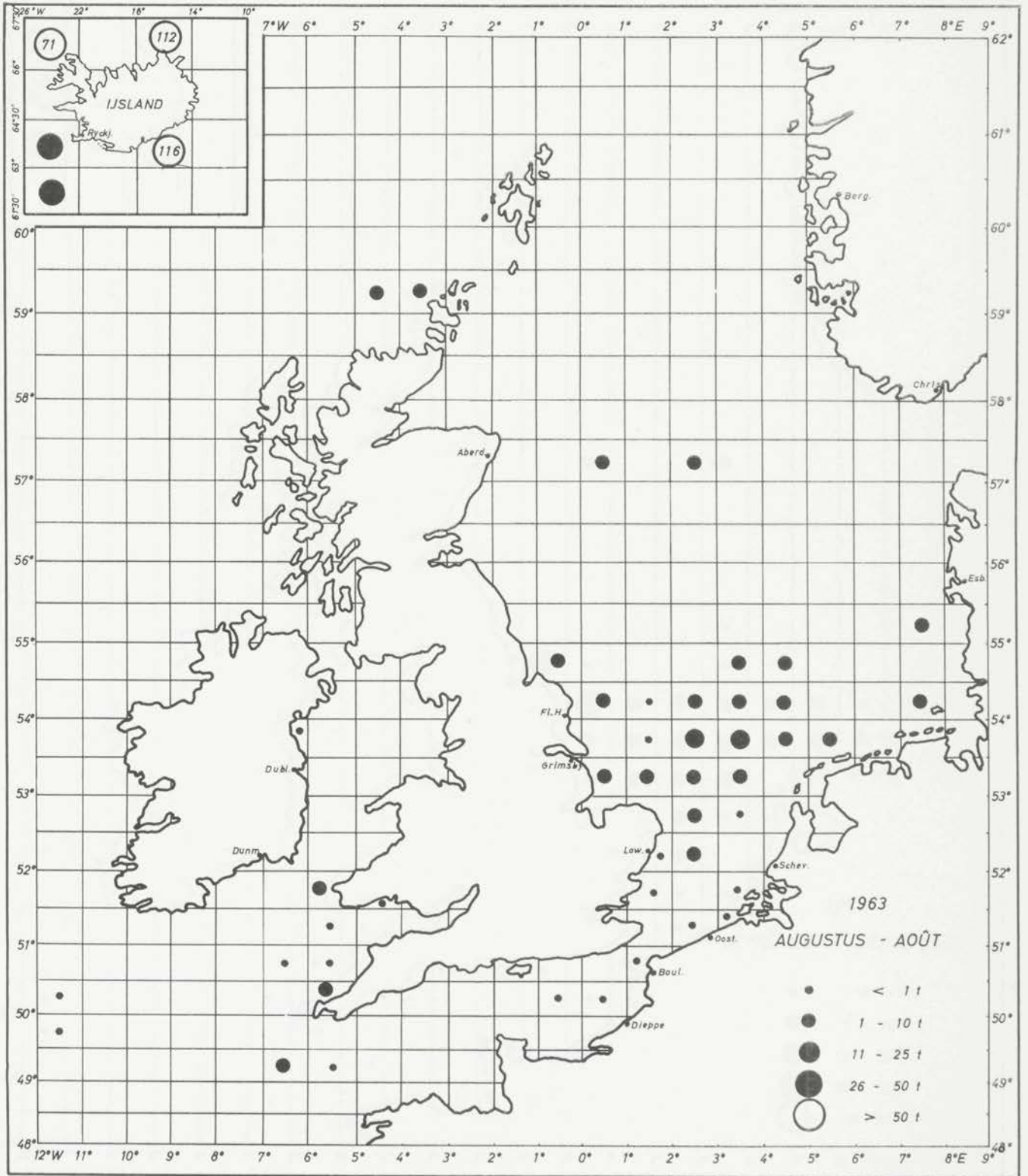


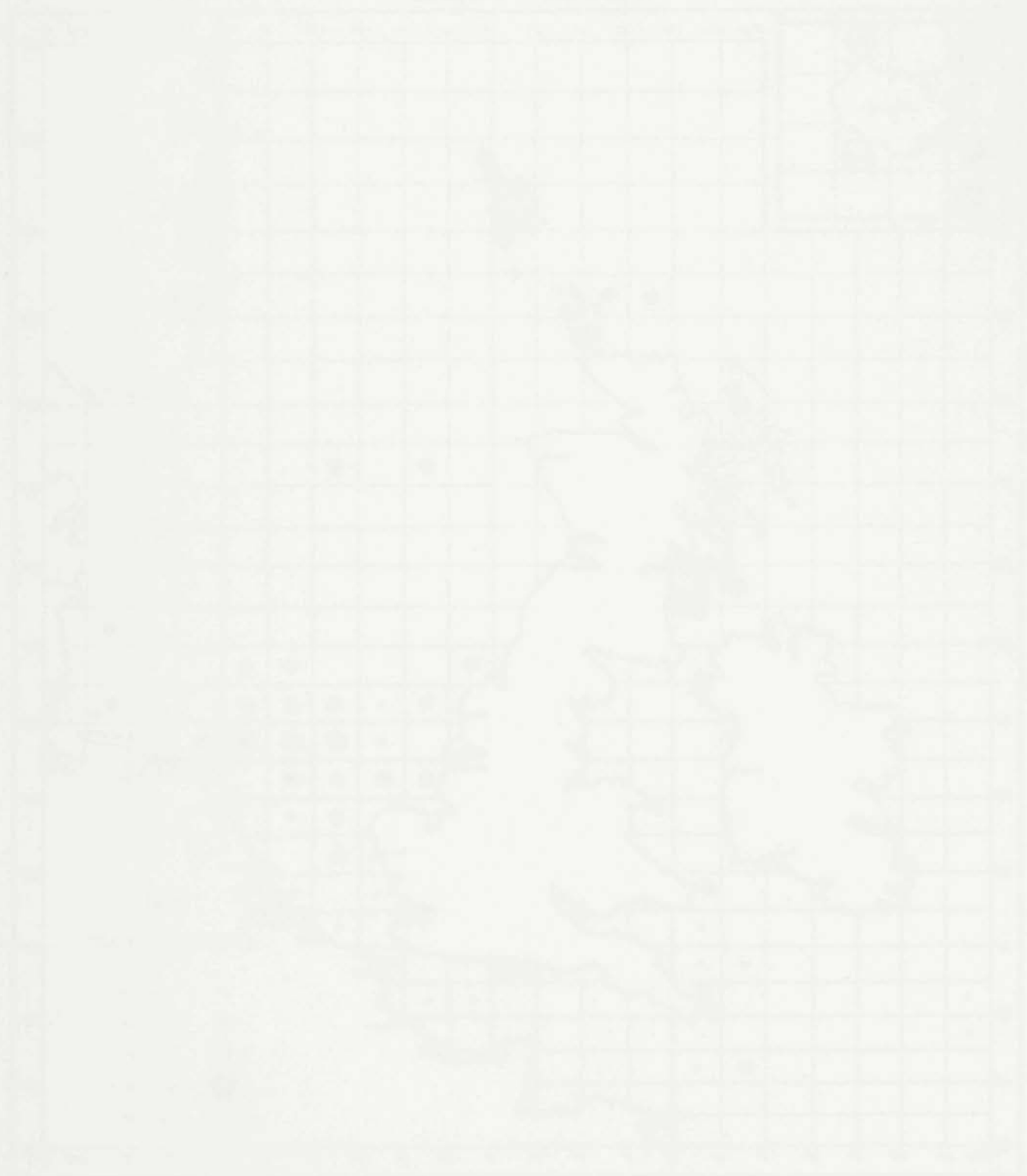
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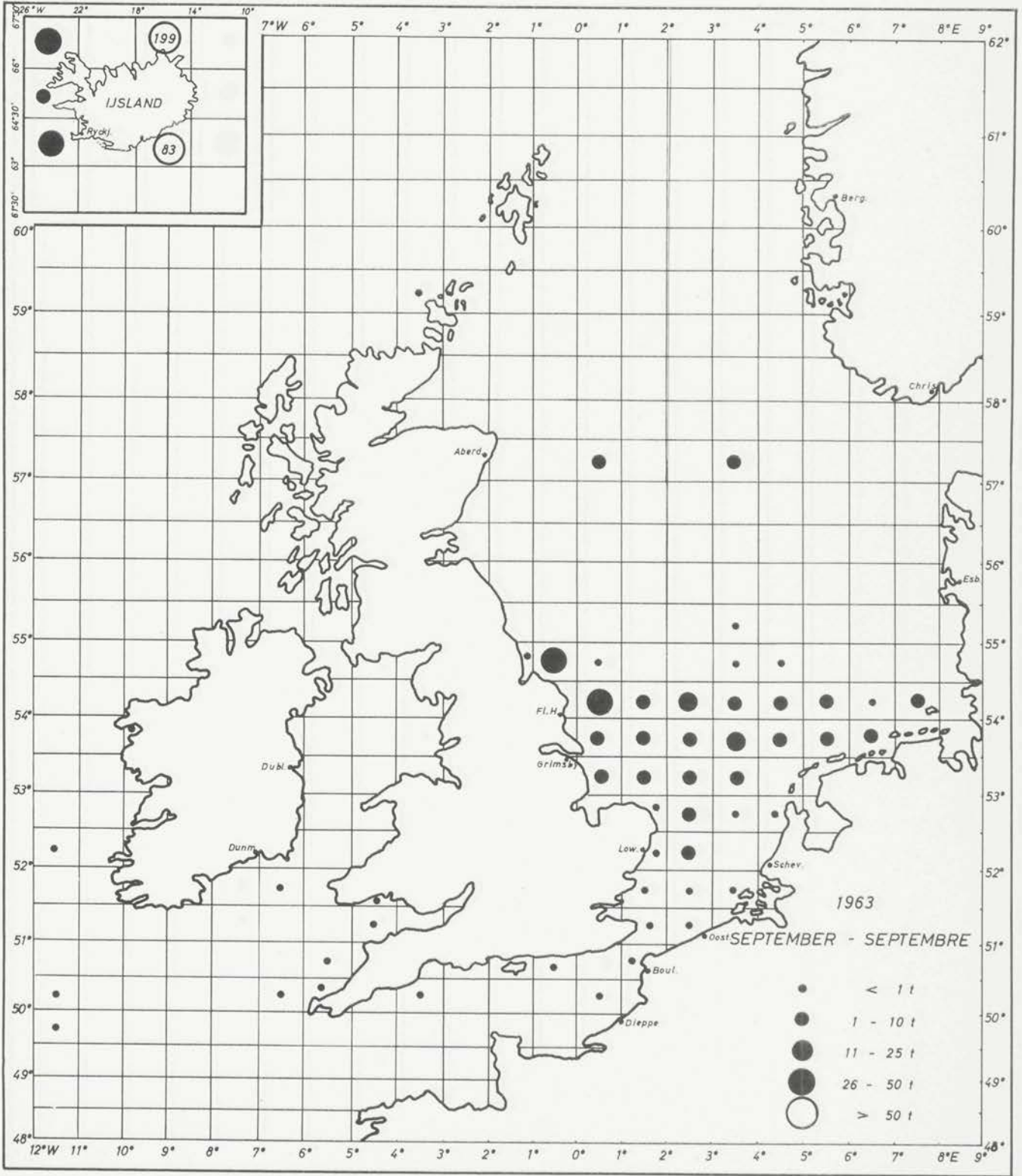


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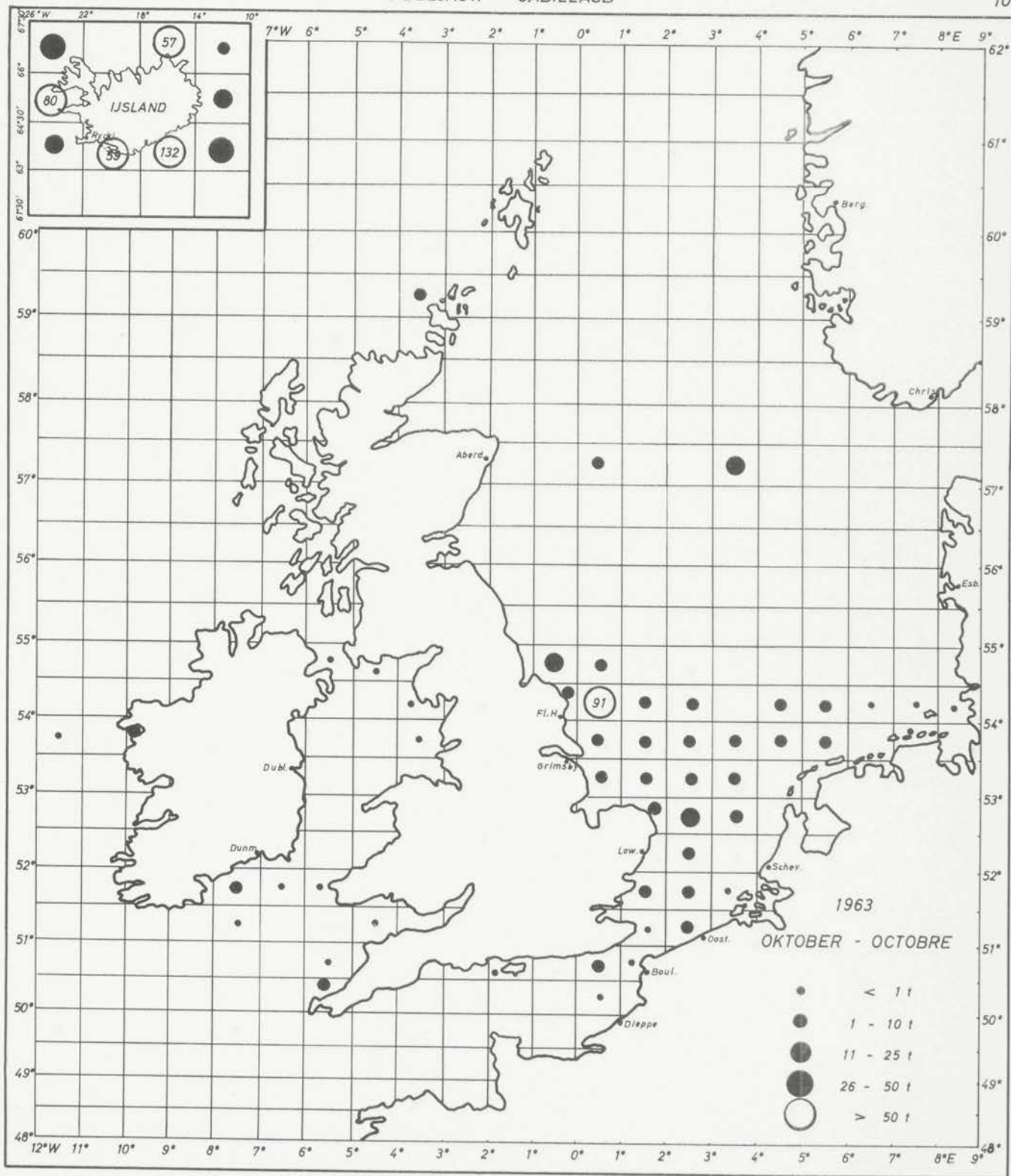


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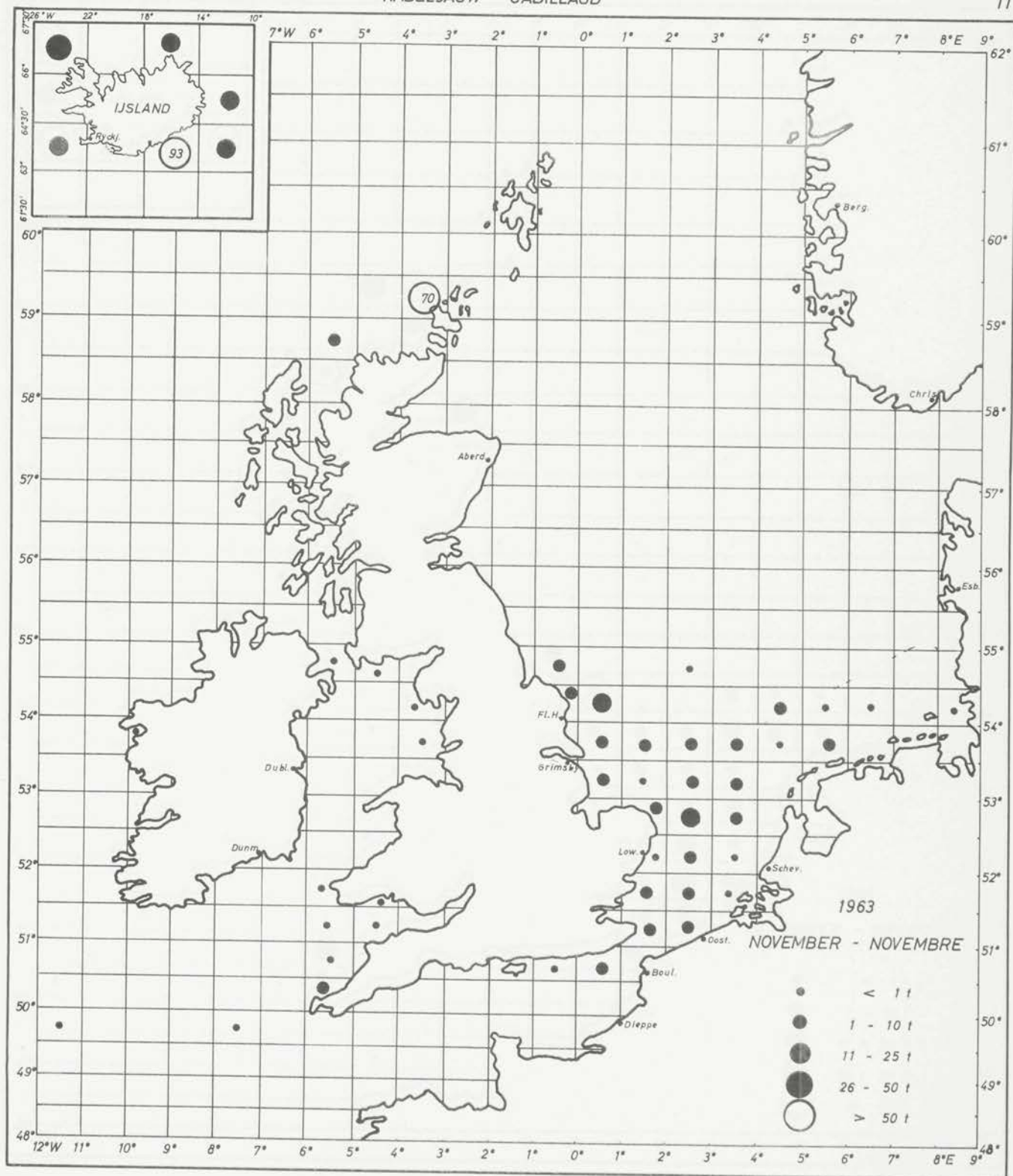
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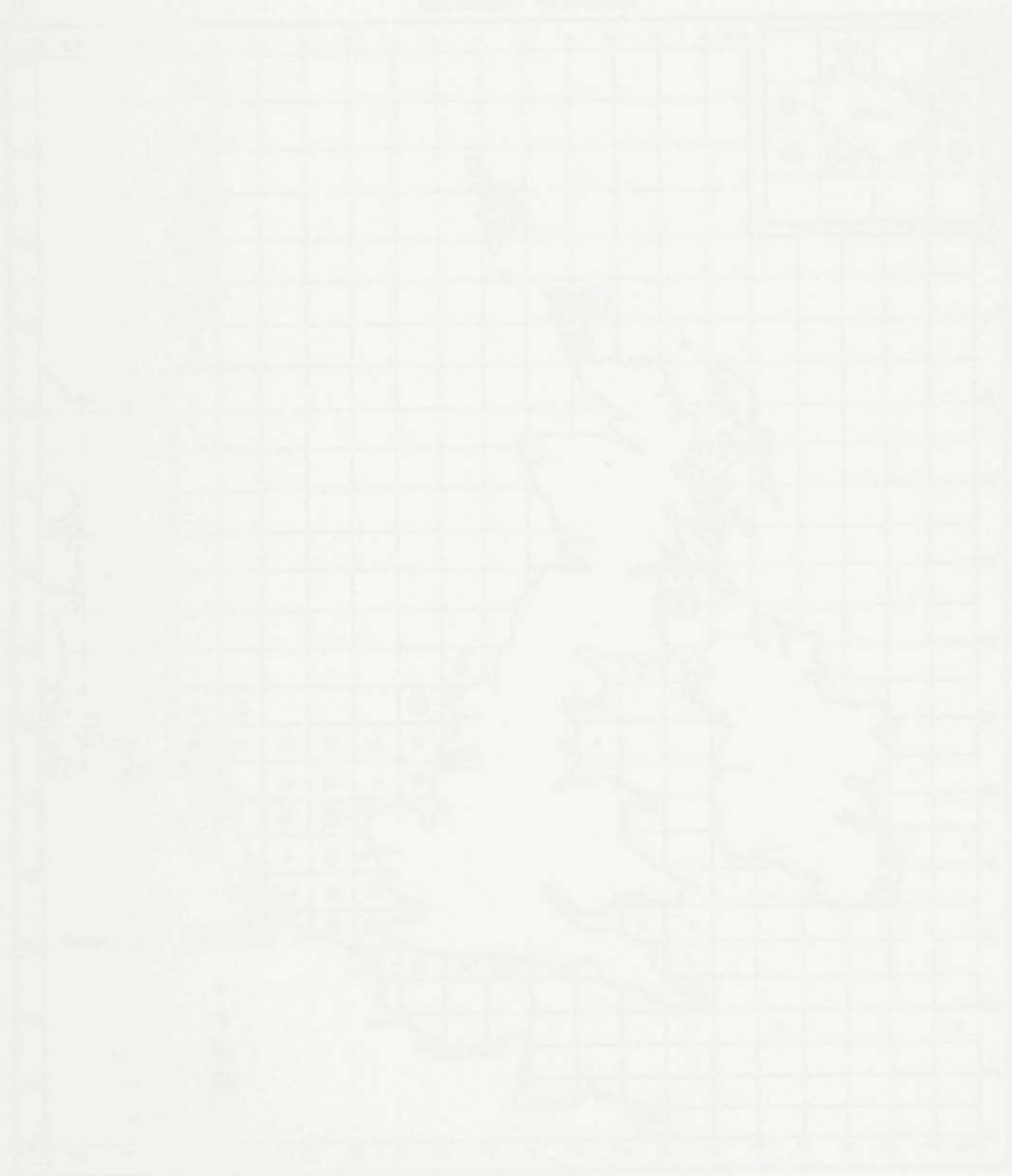


Map of the United States

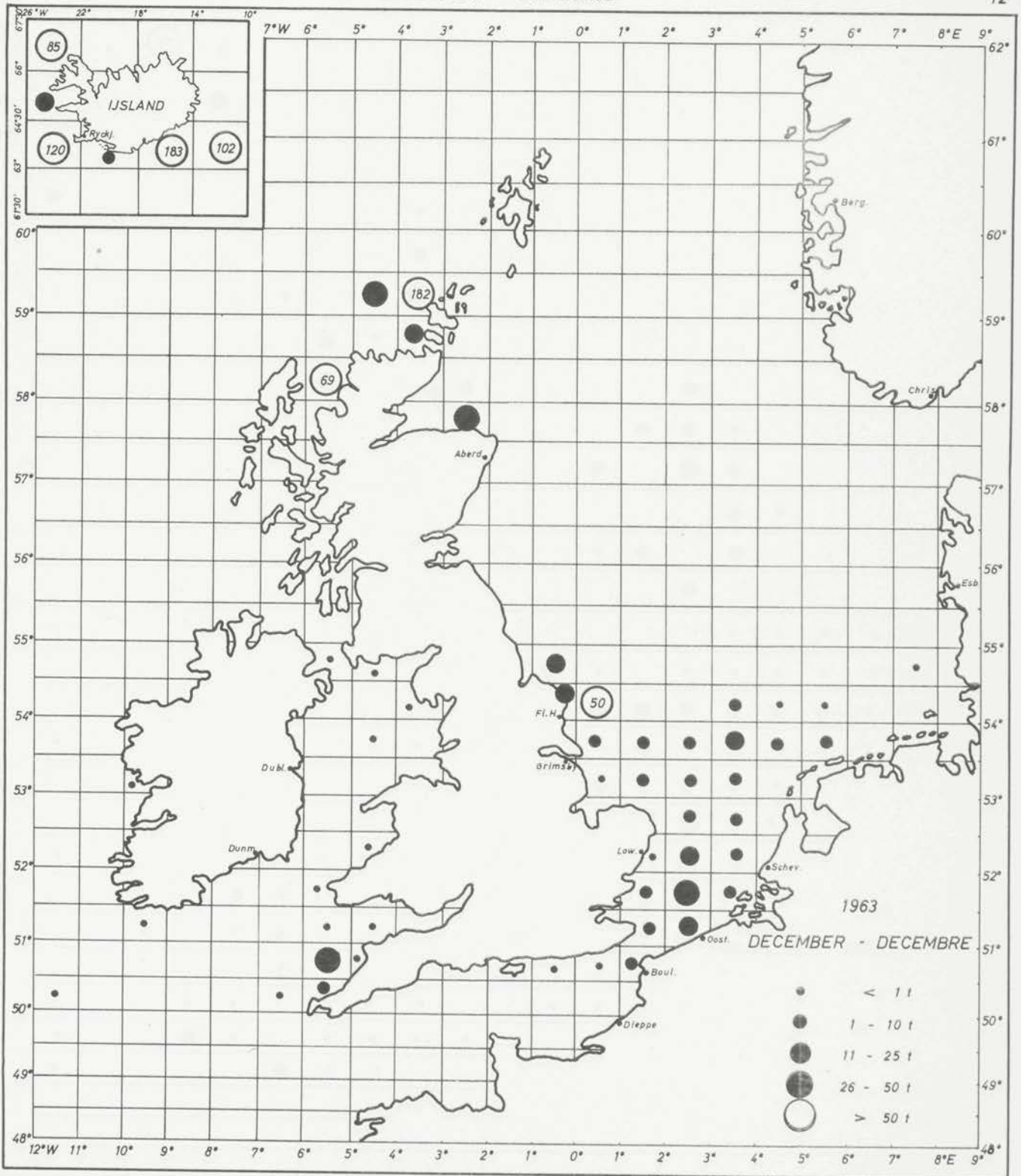


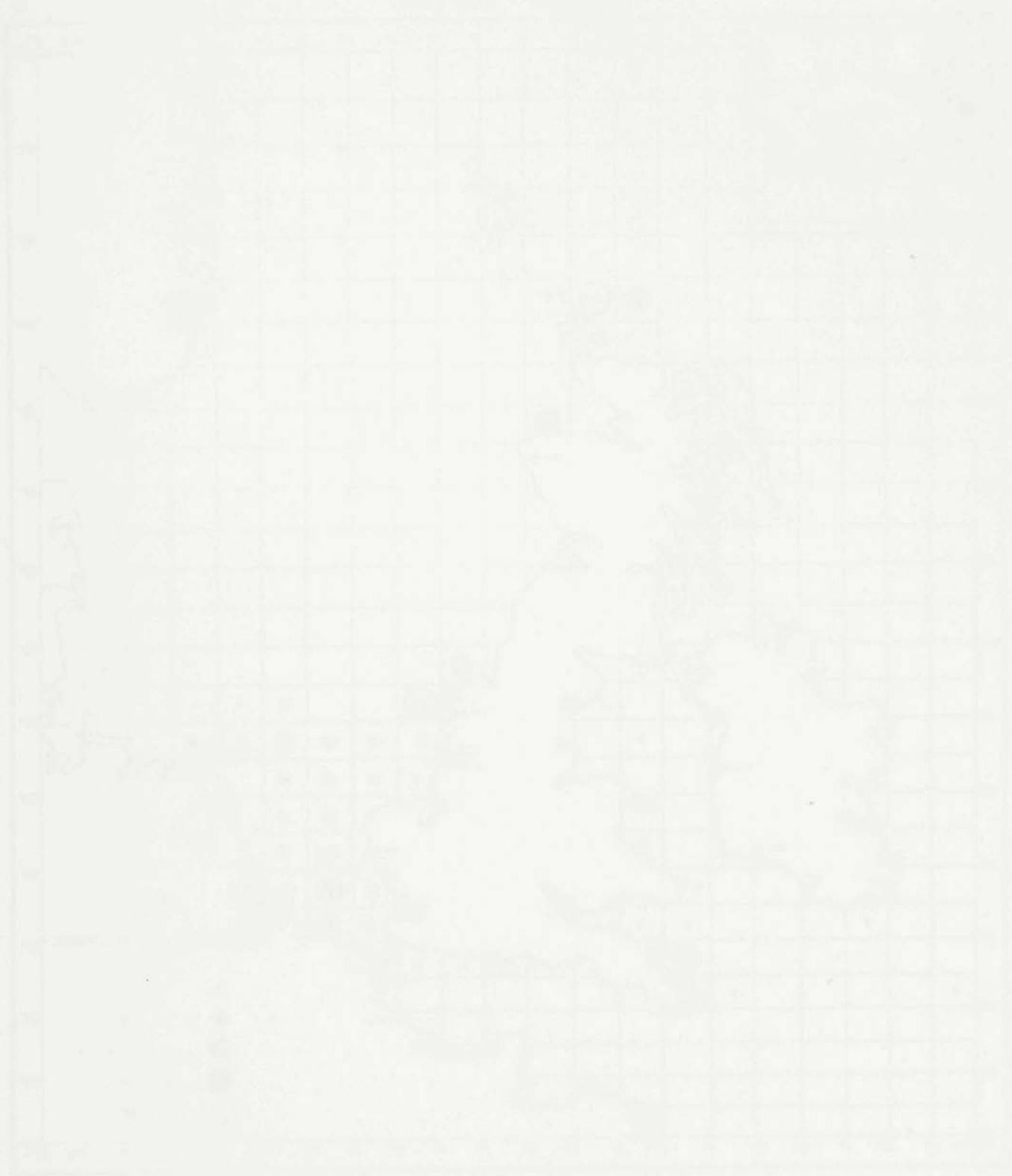
KABELJAUW - CABILAUD



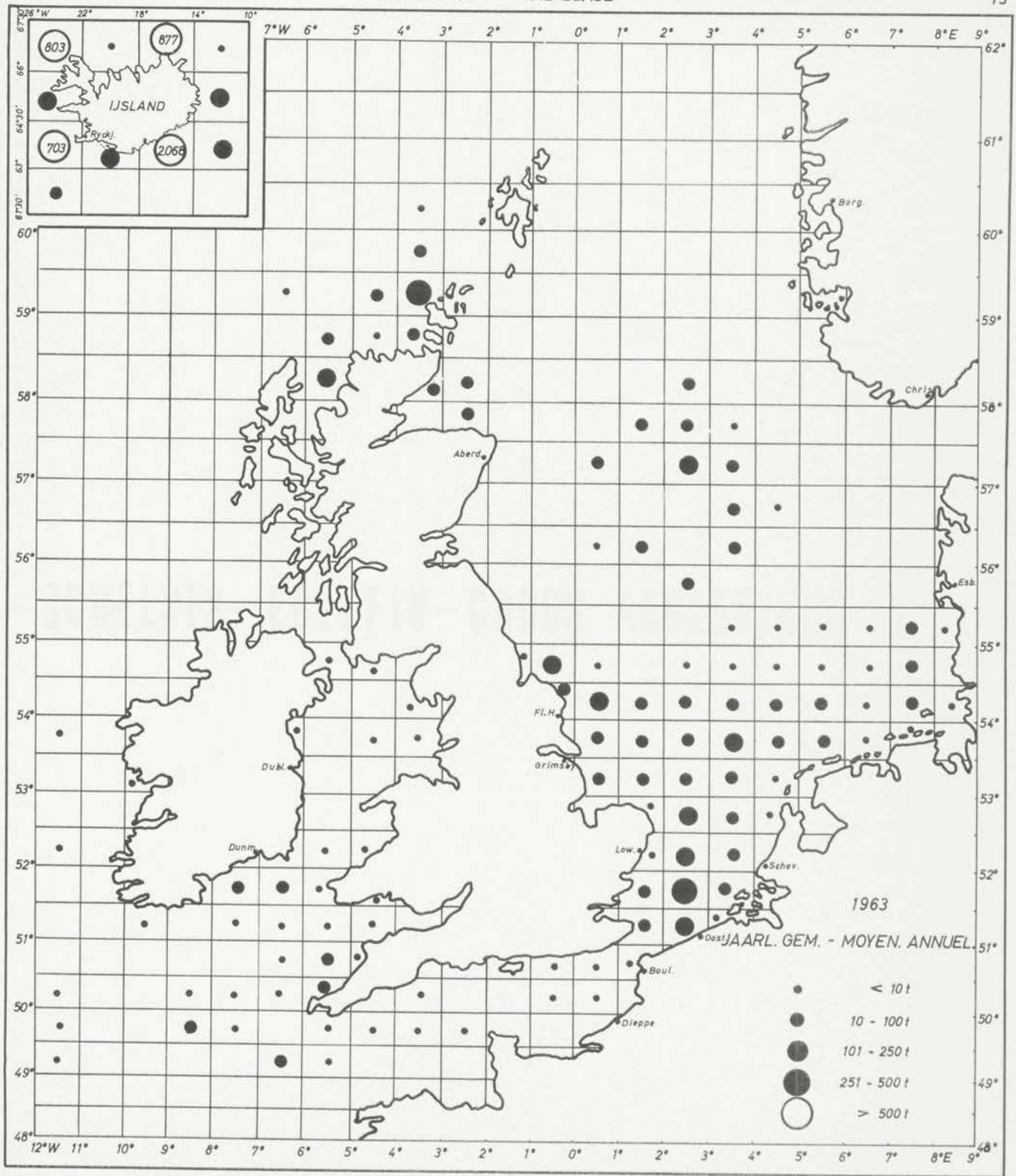


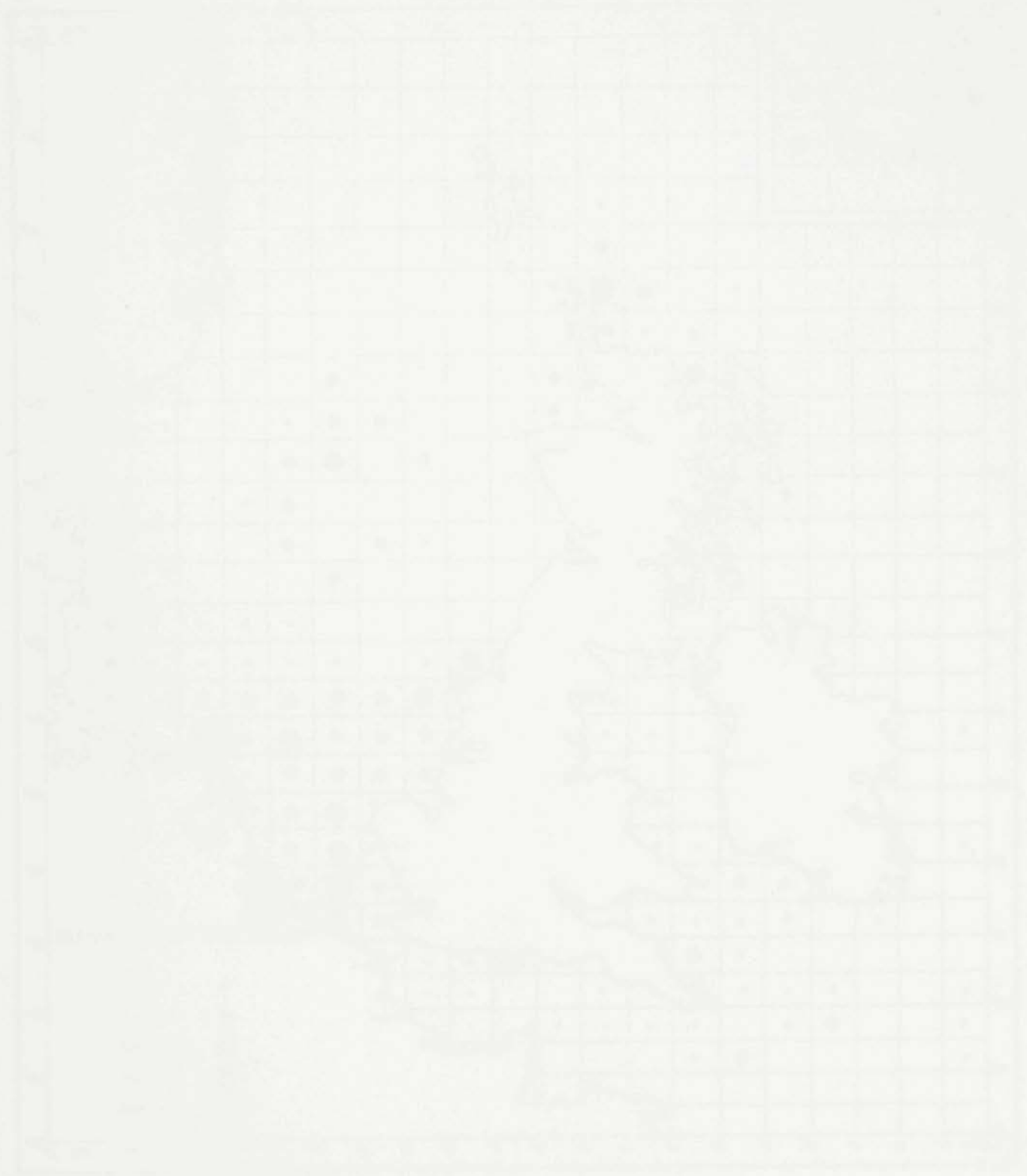
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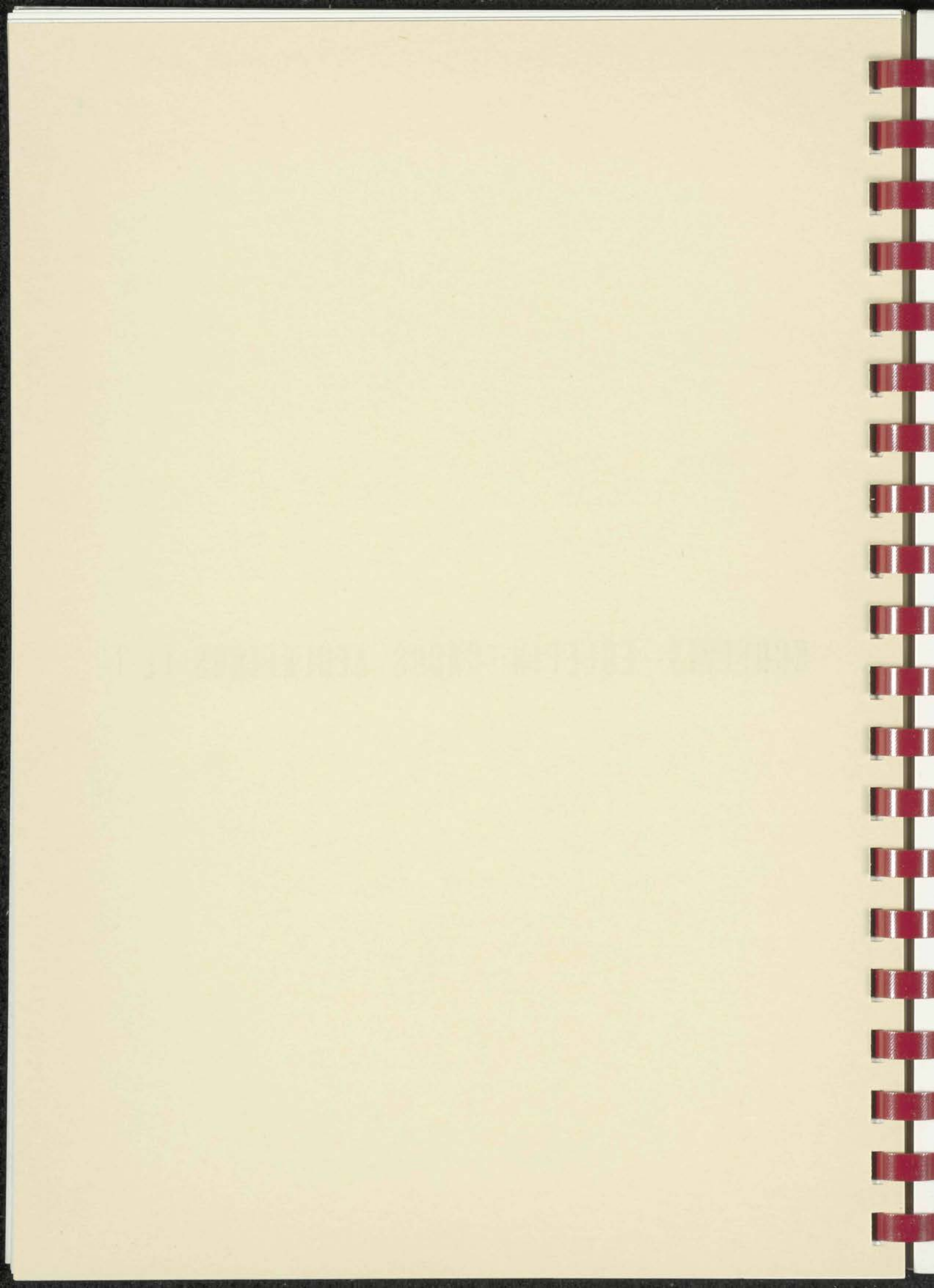


KABELJAUW - CABILLAUD





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 Bristol Kan. M. d'Irlande & C. 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. Ierland | (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

| DATE | DESCRIPTION | AMOUNT | BALANCE |
|------------|-----------------|--------|---------|
| 1998-01-01 | OPENING BALANCE | | |
| 1998-01-15 | DEPOSIT | | |
| 1998-01-20 | PAYROLL | | |
| 1998-01-25 | RENT | | |
| 1998-02-01 | SALES | | |
| 1998-02-10 | EXPENSES | | |
| 1998-02-15 | DEPOSIT | | |
| 1998-02-20 | PAYROLL | | |
| 1998-02-25 | RENT | | |
| 1998-03-01 | SALES | | |
| 1998-03-10 | EXPENSES | | |
| 1998-03-15 | DEPOSIT | | |
| 1998-03-20 | PAYROLL | | |
| 1998-03-25 | RENT | | |
| 1998-04-01 | SALES | | |
| 1998-04-10 | EXPENSES | | |
| 1998-04-15 | DEPOSIT | | |
| 1998-04-20 | PAYROLL | | |
| 1998-04-25 | RENT | | |
| 1998-05-01 | SALES | | |
| 1998-05-10 | EXPENSES | | |
| 1998-05-15 | DEPOSIT | | |
| 1998-05-20 | PAYROLL | | |
| 1998-05-25 | RENT | | |
| 1998-06-01 | SALES | | |
| 1998-06-10 | EXPENSES | | |
| 1998-06-15 | DEPOSIT | | |
| 1998-06-20 | PAYROLL | | |
| 1998-06-25 | RENT | | |
| 1998-07-01 | SALES | | |
| 1998-07-10 | EXPENSES | | |
| 1998-07-15 | DEPOSIT | | |
| 1998-07-20 | PAYROLL | | |
| 1998-07-25 | RENT | | |
| 1998-08-01 | SALES | | |
| 1998-08-10 | EXPENSES | | |
| 1998-08-15 | DEPOSIT | | |
| 1998-08-20 | PAYROLL | | |
| 1998-08-25 | RENT | | |
| 1998-09-01 | SALES | | |
| 1998-09-10 | EXPENSES | | |
| 1998-09-15 | DEPOSIT | | |
| 1998-09-20 | PAYROLL | | |
| 1998-09-25 | RENT | | |
| 1998-10-01 | SALES | | |
| 1998-10-10 | EXPENSES | | |
| 1998-10-15 | DEPOSIT | | |
| 1998-10-20 | PAYROLL | | |
| 1998-10-25 | RENT | | |
| 1998-11-01 | SALES | | |
| 1998-11-10 | EXPENSES | | |
| 1998-11-15 | DEPOSIT | | |
| 1998-11-20 | PAYROLL | | |
| 1998-11-25 | RENT | | |
| 1998-12-01 | SALES | | |
| 1998-12-10 | EXPENSES | | |
| 1998-12-15 | DEPOSIT | | |
| 1998-12-20 | PAYROLL | | |
| 1998-12-25 | RENT | | |
| 1999-01-01 | CLOSING BALANCE | | |

SCHELVIS - EGGLEFIN

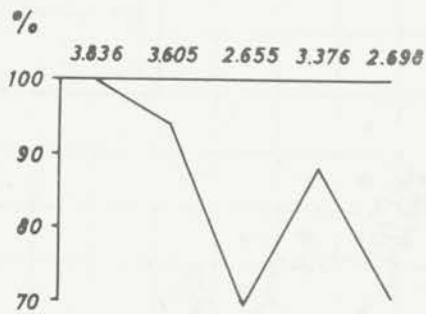


Fig. 1. Jaarlijkse aanvoer in t
Apports annuels en t

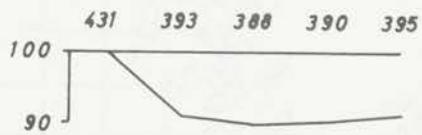


Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navires en activité

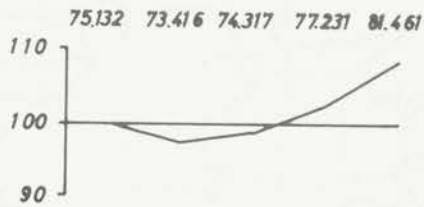


Fig. 3. Drijfkracht (pk)
Force motrice (cx)

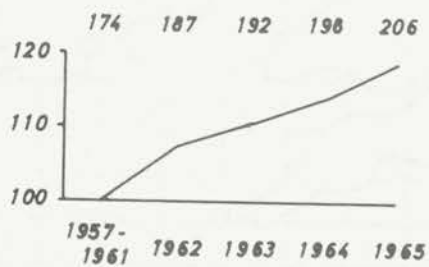


Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cx par navire

PROBLEM 1 - 2010

1. The graph shows the function $f(x)$ defined on the interval $[0, 10]$. The function is piecewise linear and consists of the following segments:



2. The graph shows the function $g(x)$ defined on the interval $[0, 10]$. The function is piecewise linear and consists of the following segments:



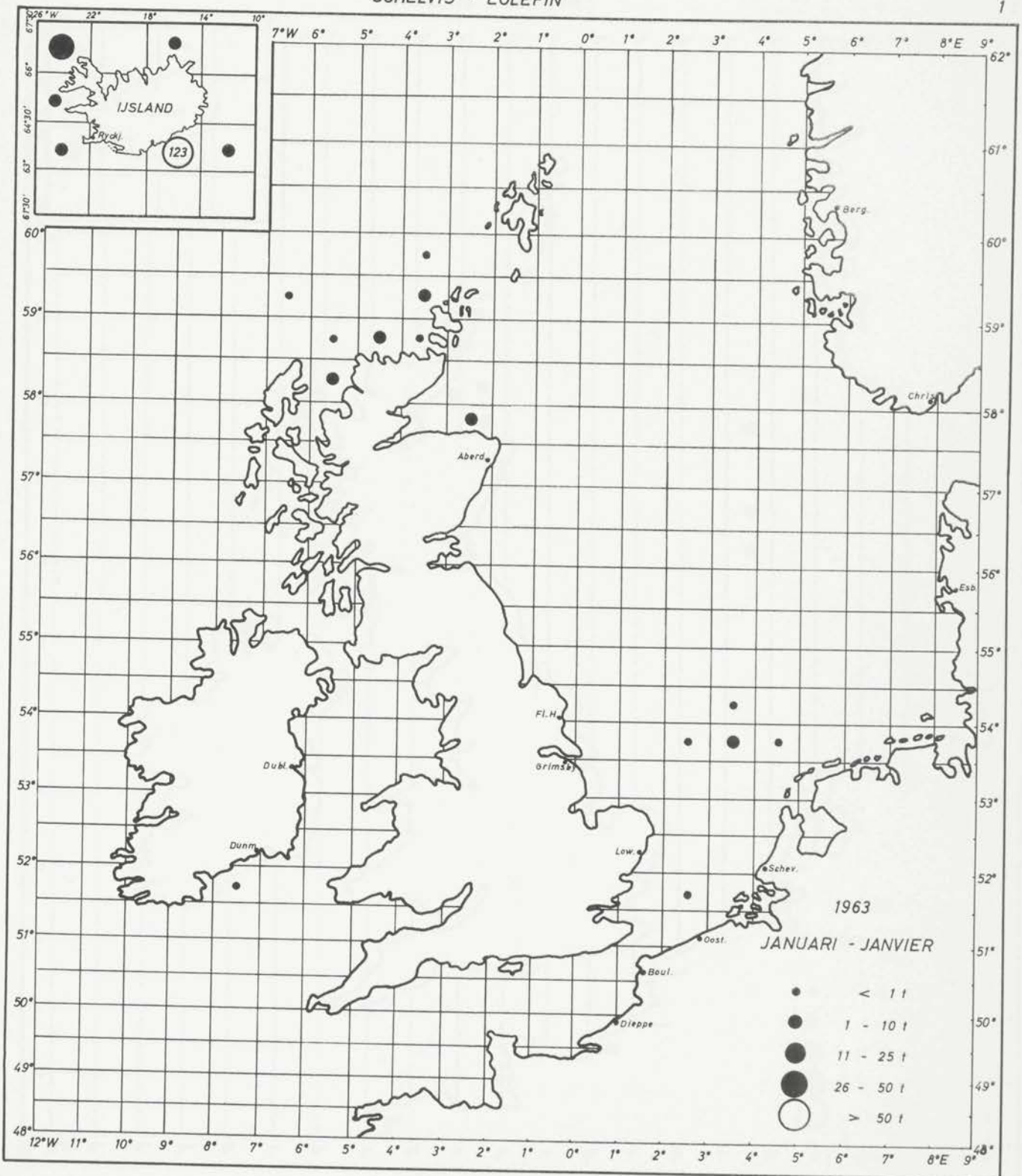
3. The graph shows the function $h(x)$ defined on the interval $[0, 10]$. The function is piecewise linear and consists of the following segments:



4. The graph shows the function $k(x)$ defined on the interval $[0, 10]$. The function is piecewise linear and consists of the following segments:

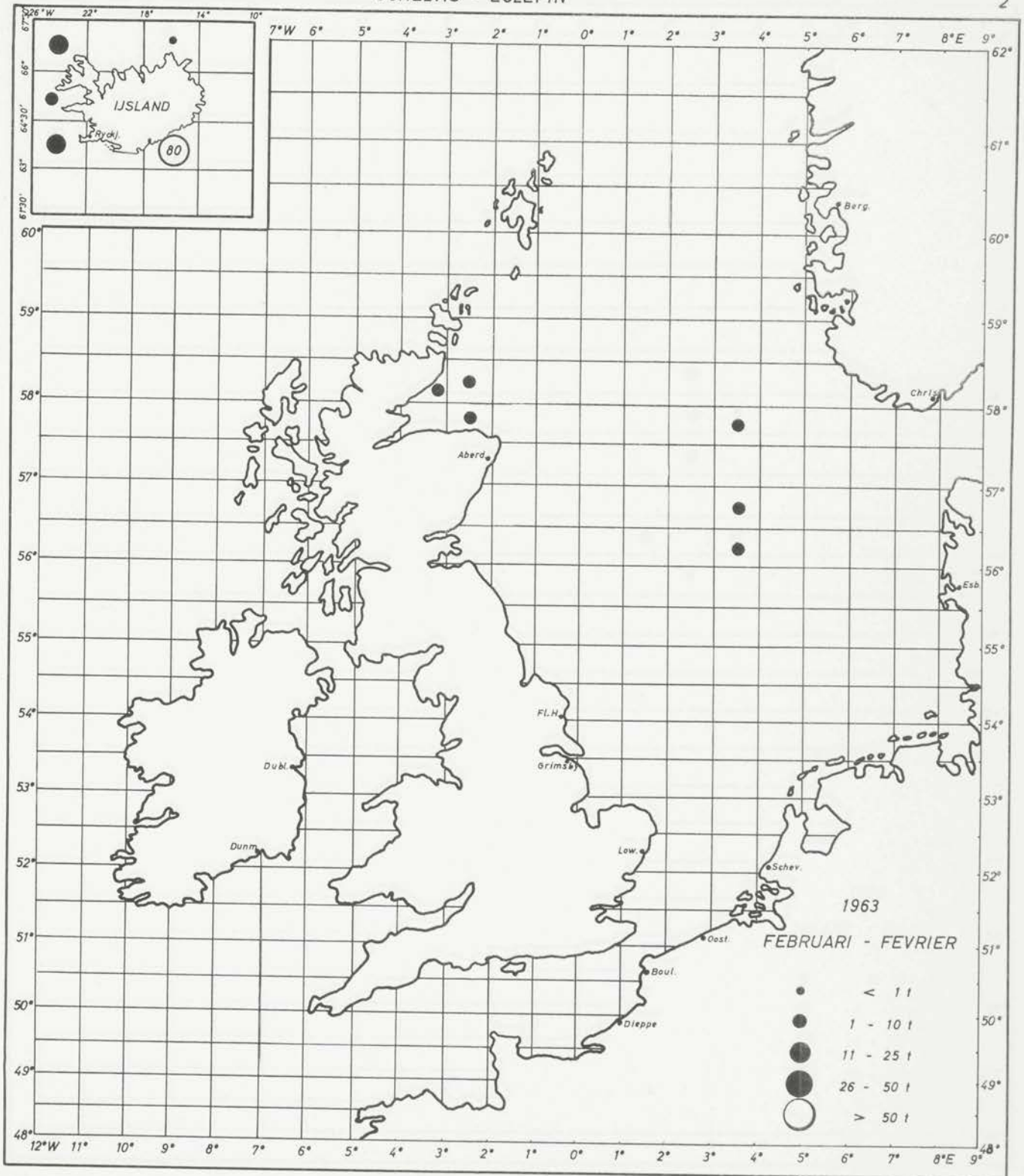


SCHELVIS - EGLEFIN

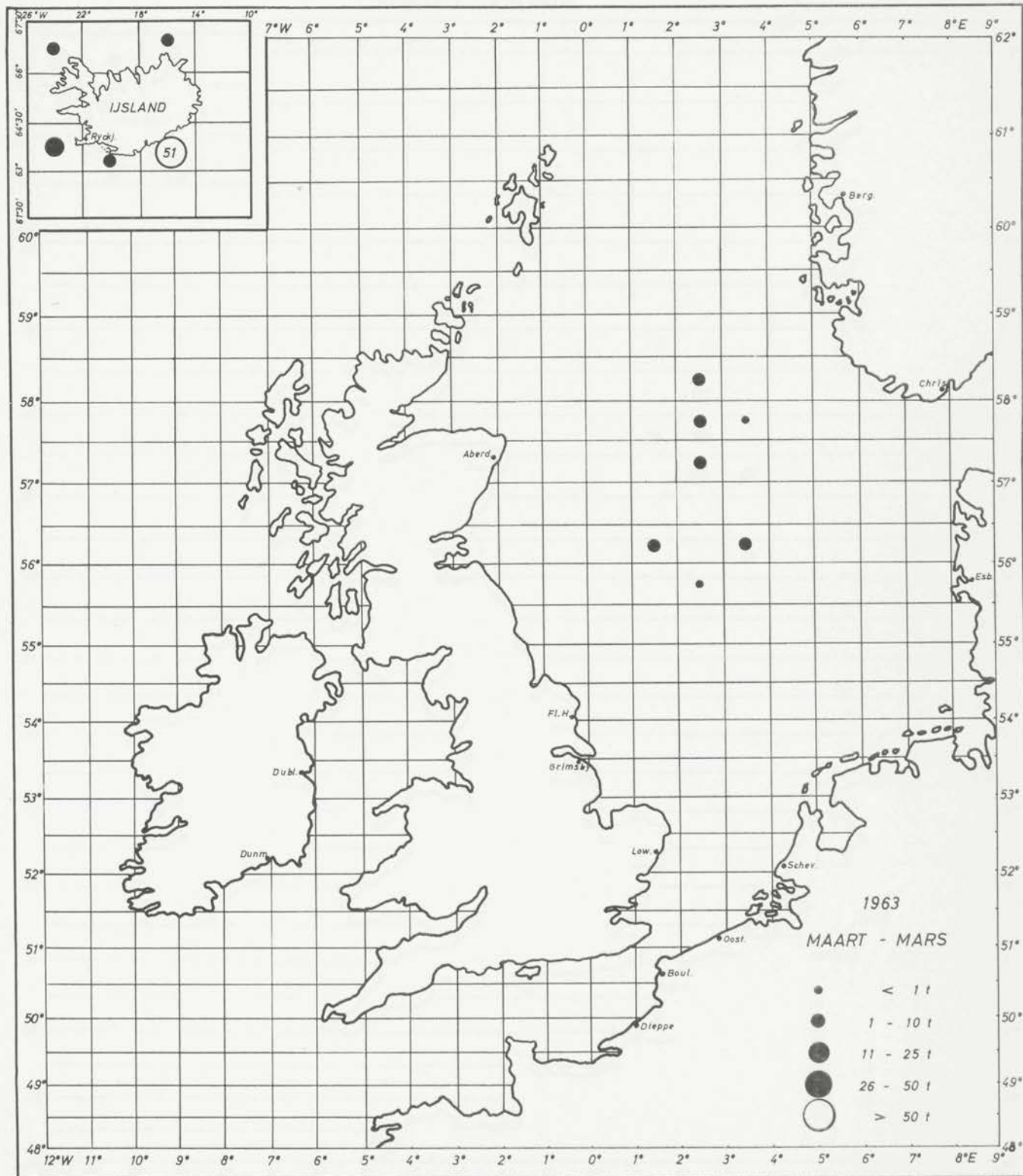




SCHELVIS - EGLEFIN



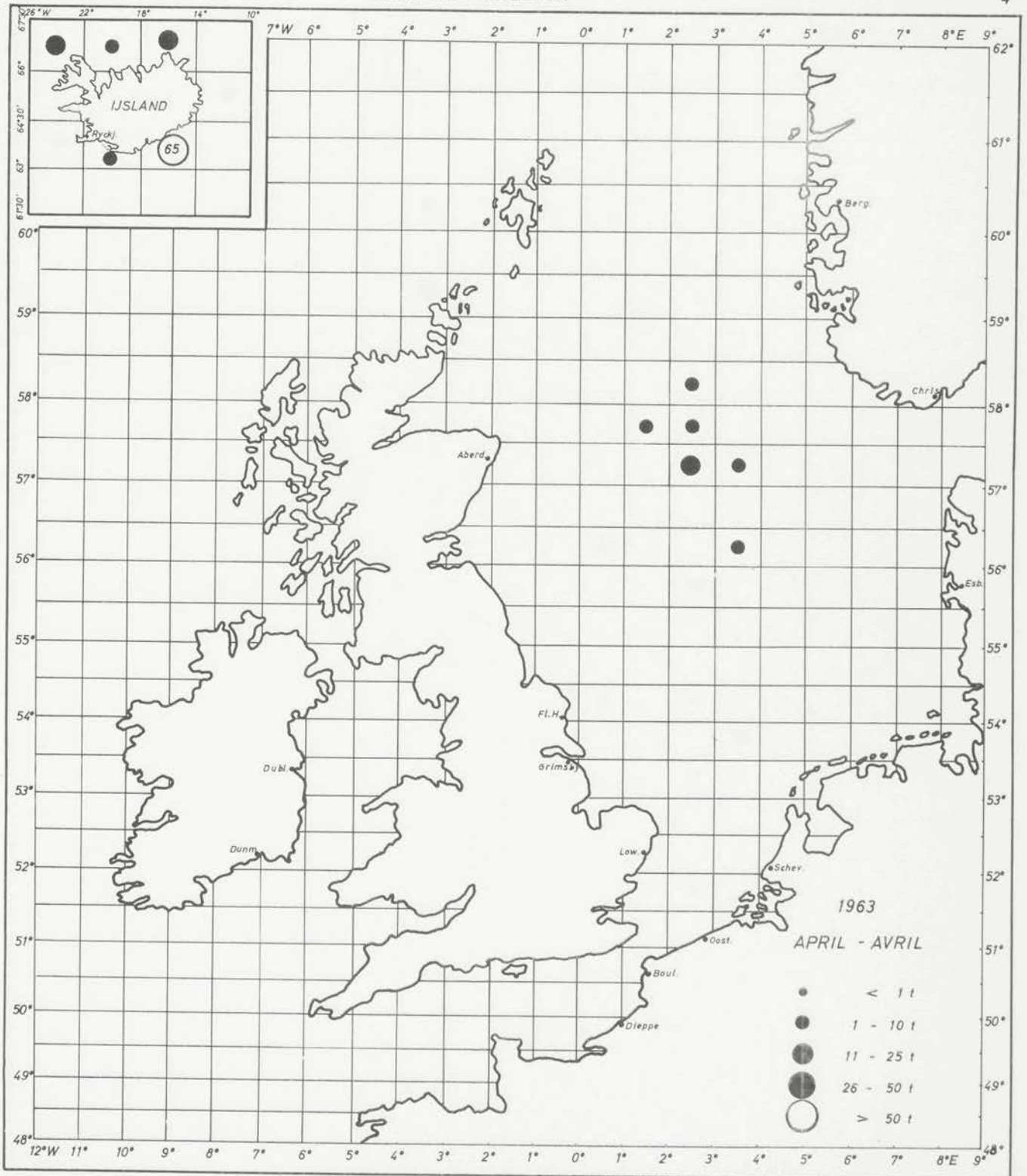




WORLD MAP



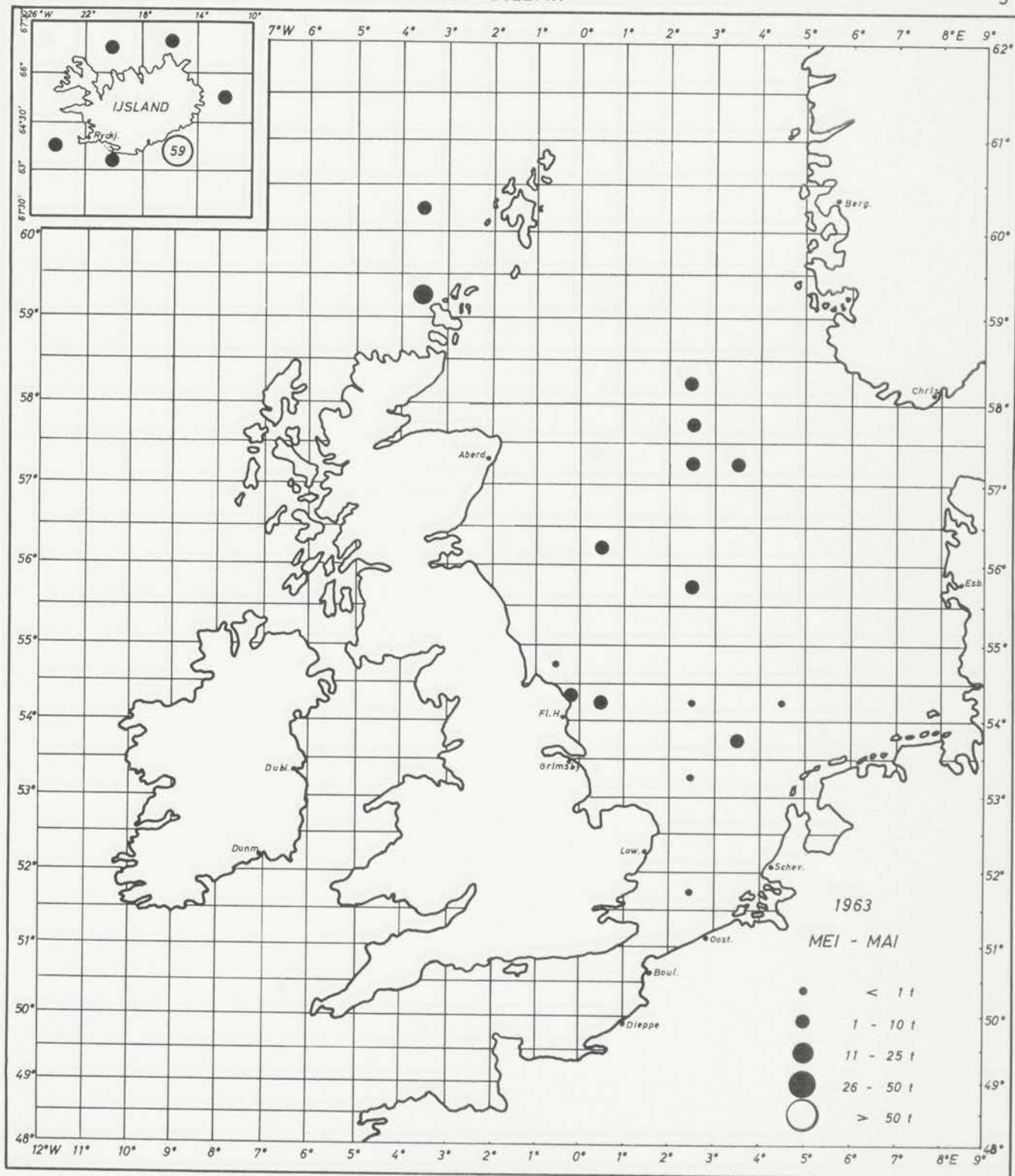
SCHELVIS - EGLEFIN



WORLD MAP



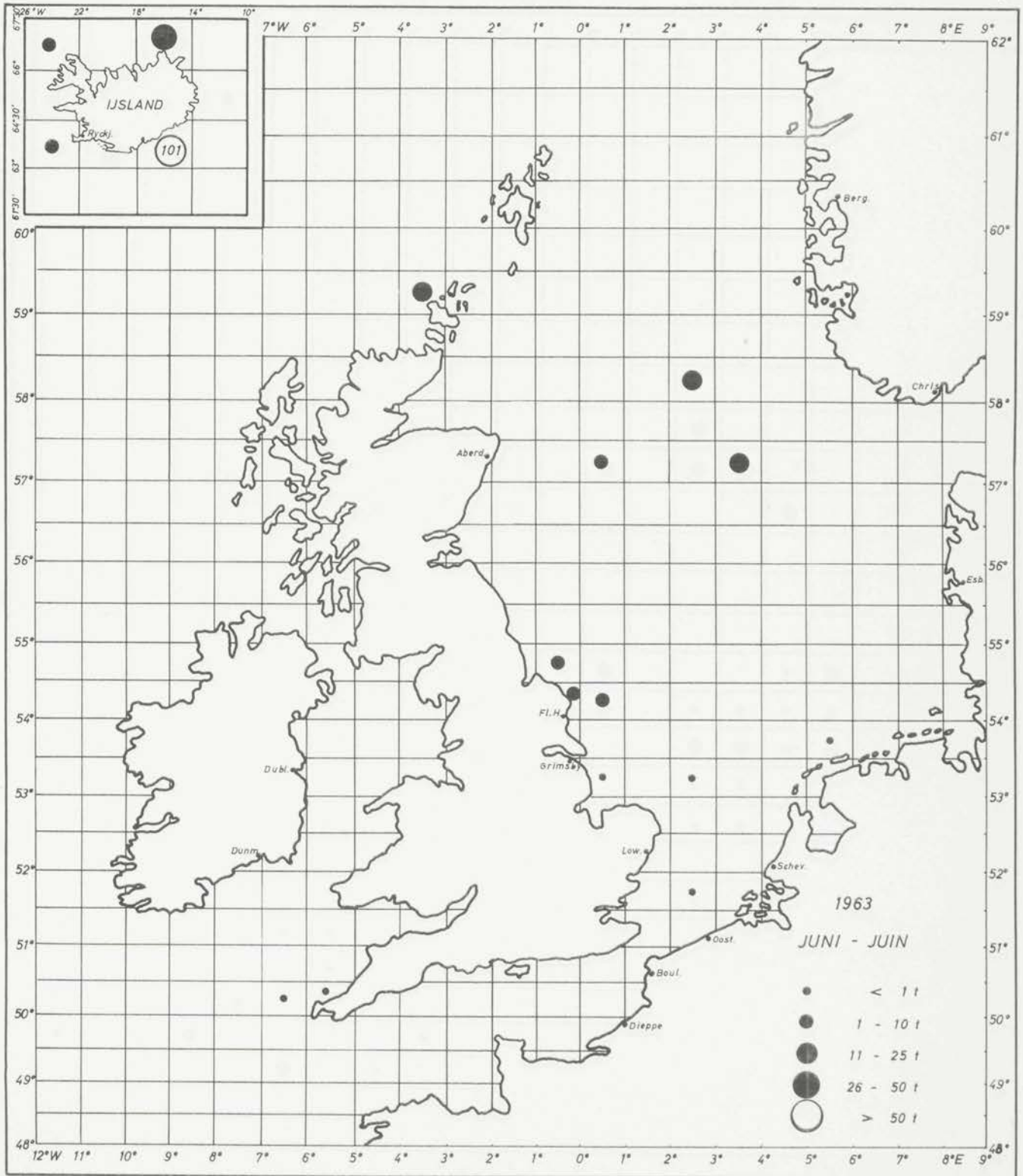
SCHELVIS - EGLEFIN



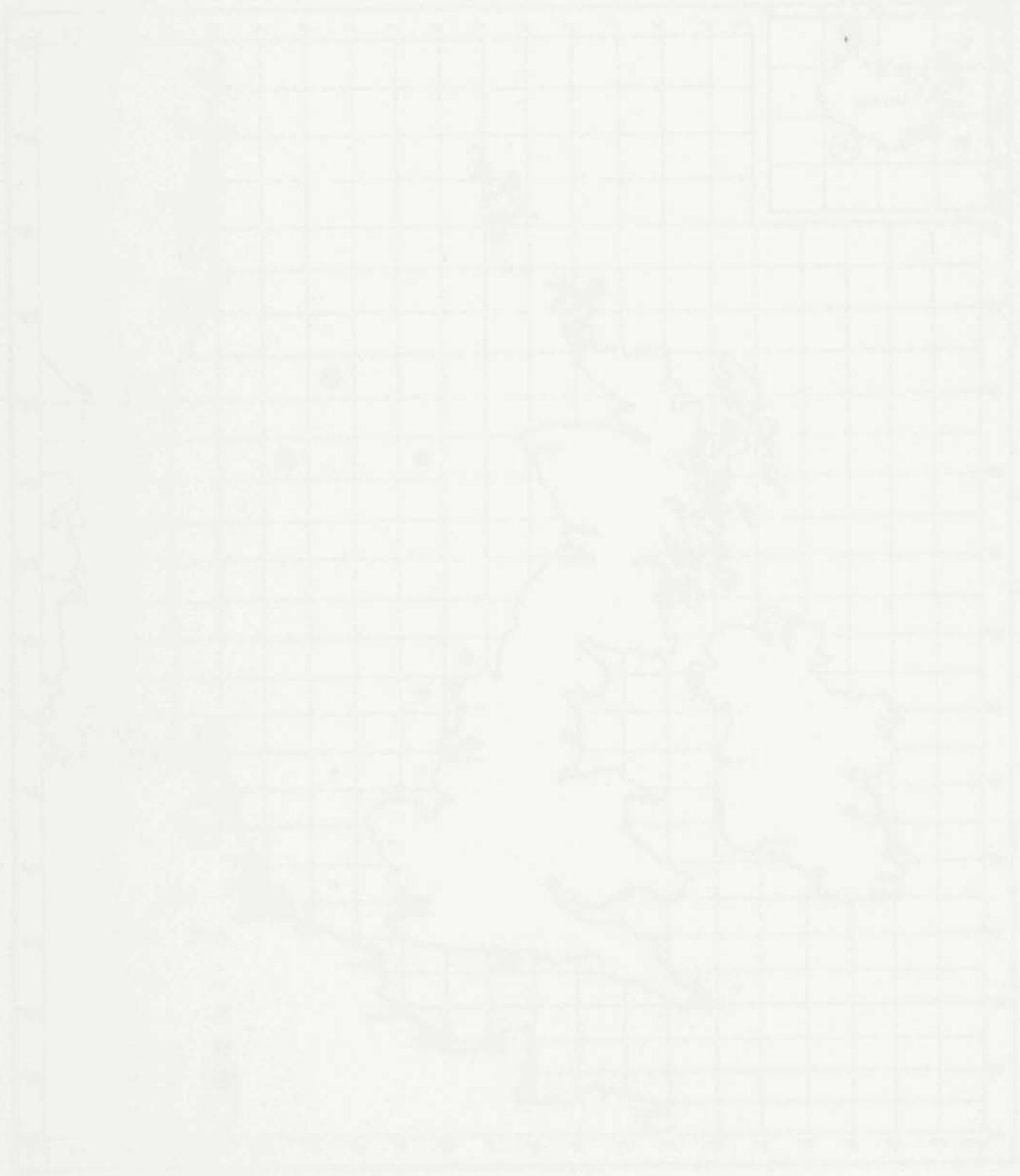
1975 - 1976



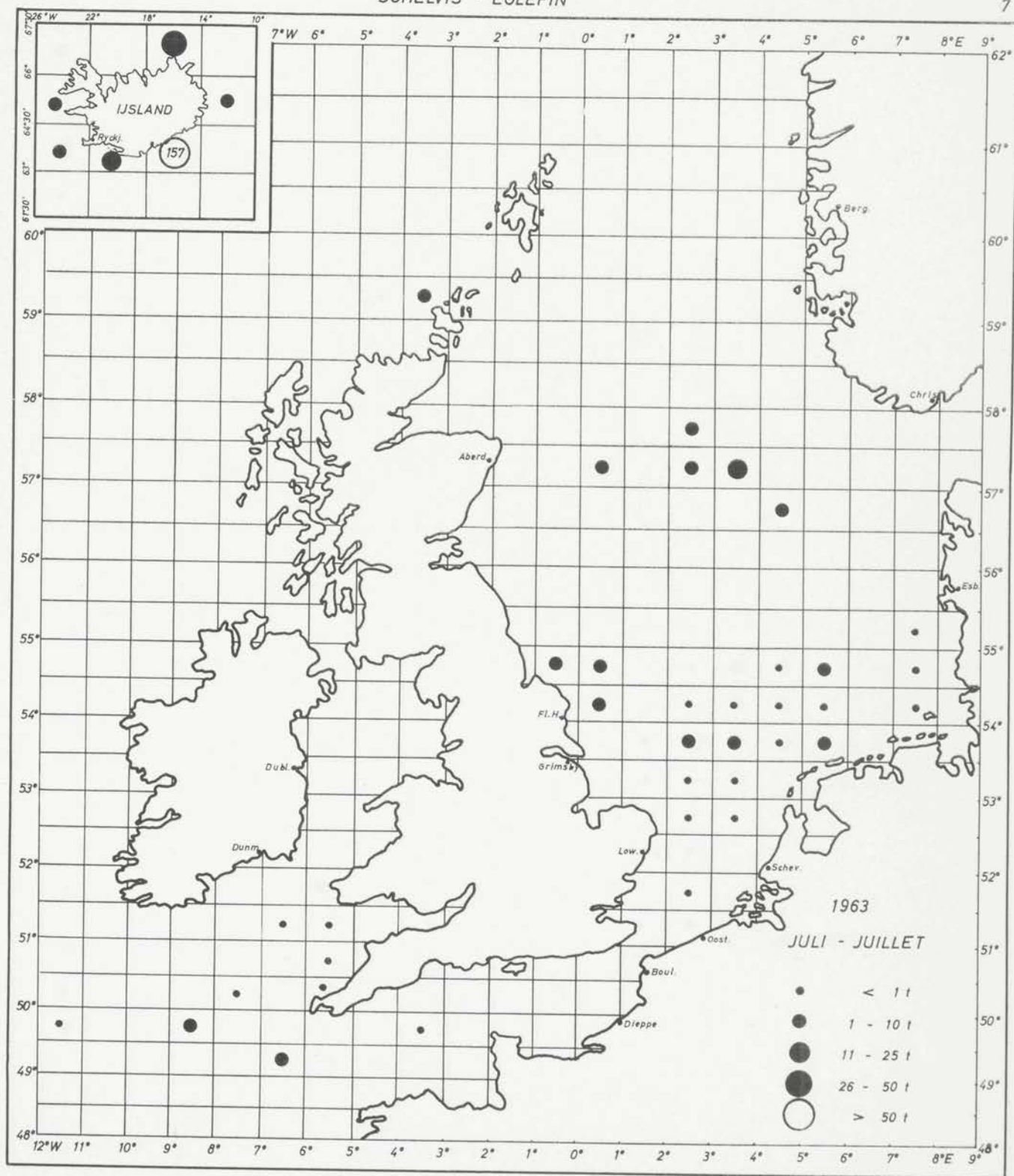
SCHELVIS - EGLEFIN



Map of France



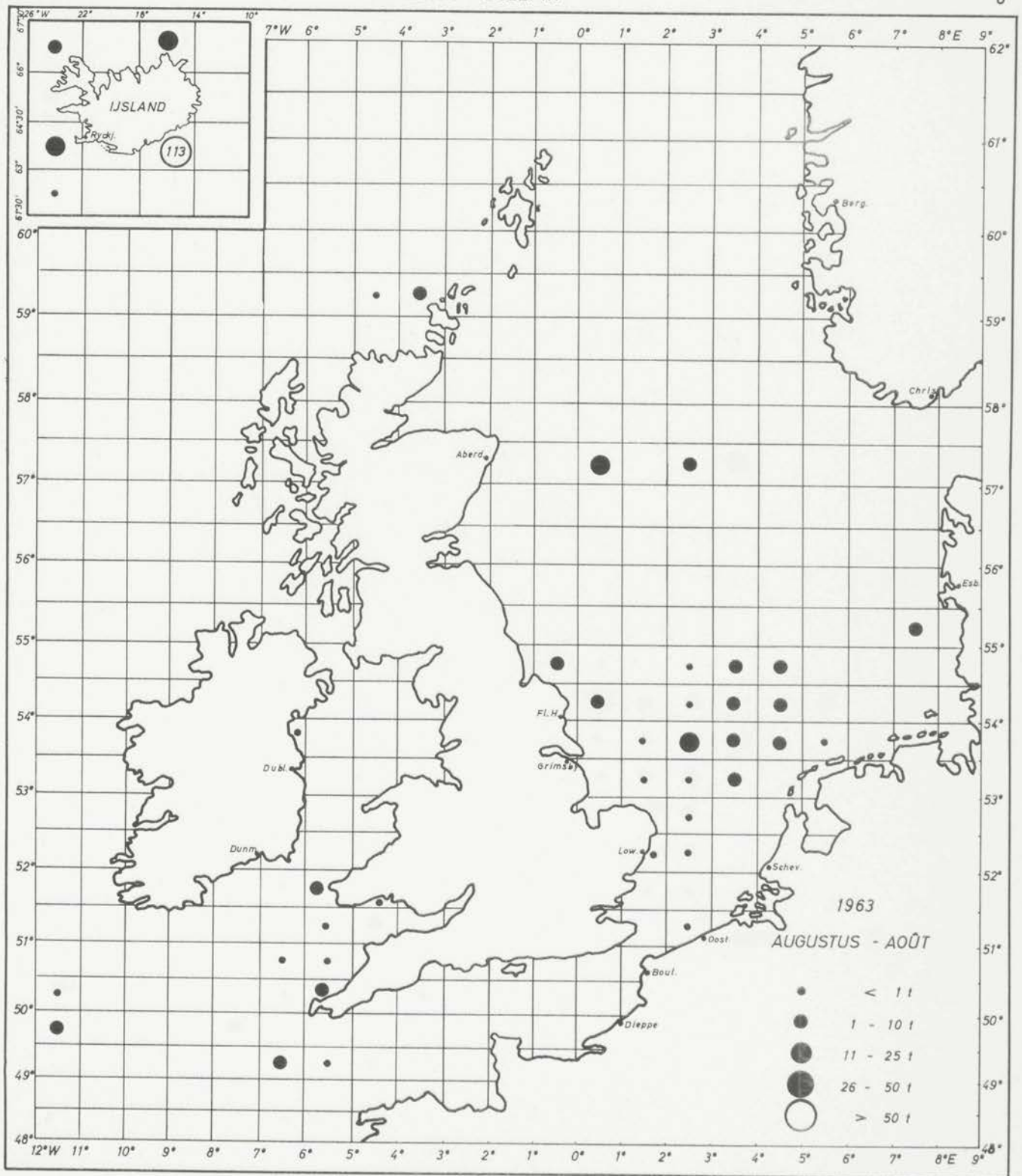
SCHELVIS - EGLEFIN



MAP OF [illegible]



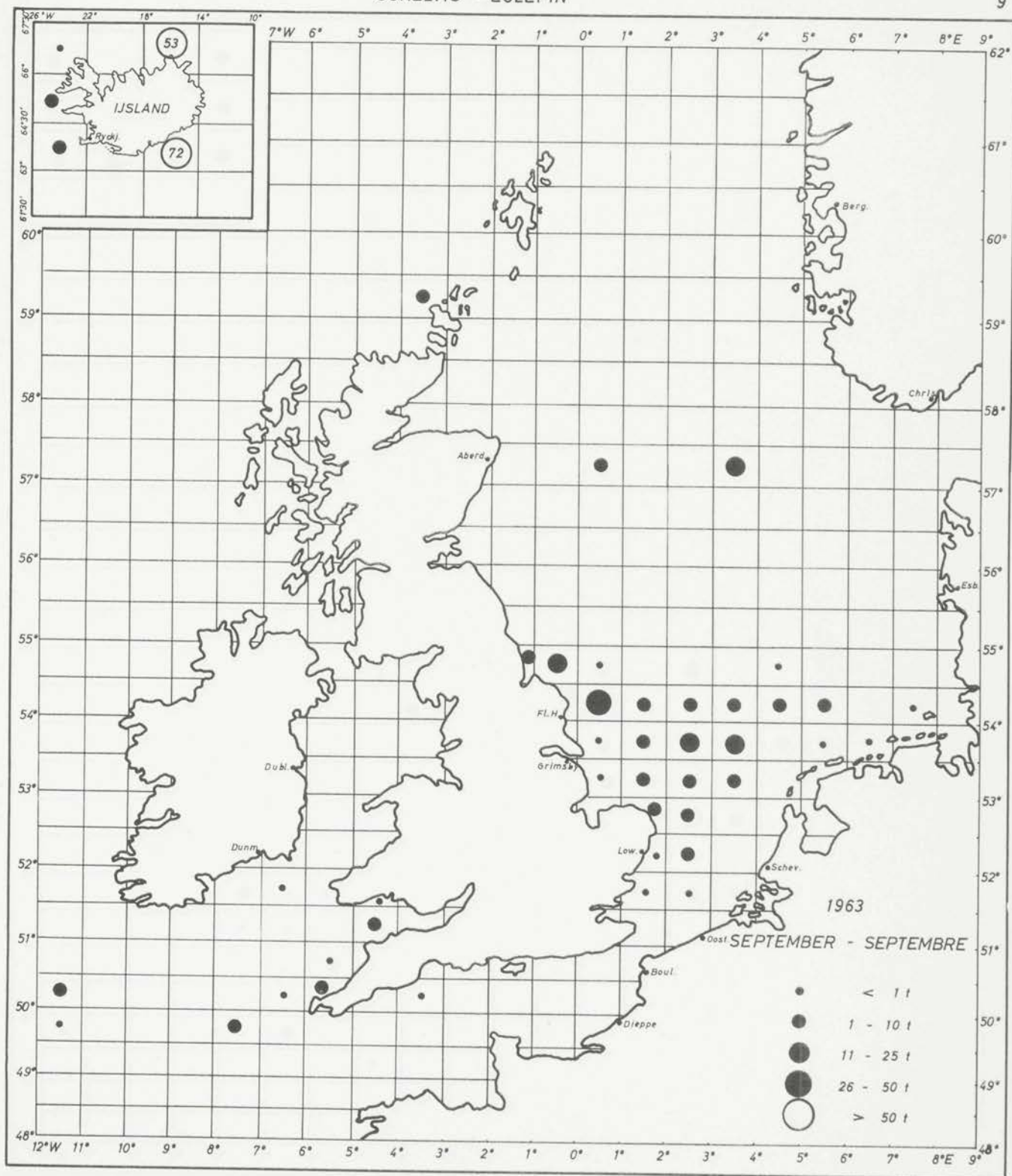
SCHELVIS - EGLEFIN



Map of the United States



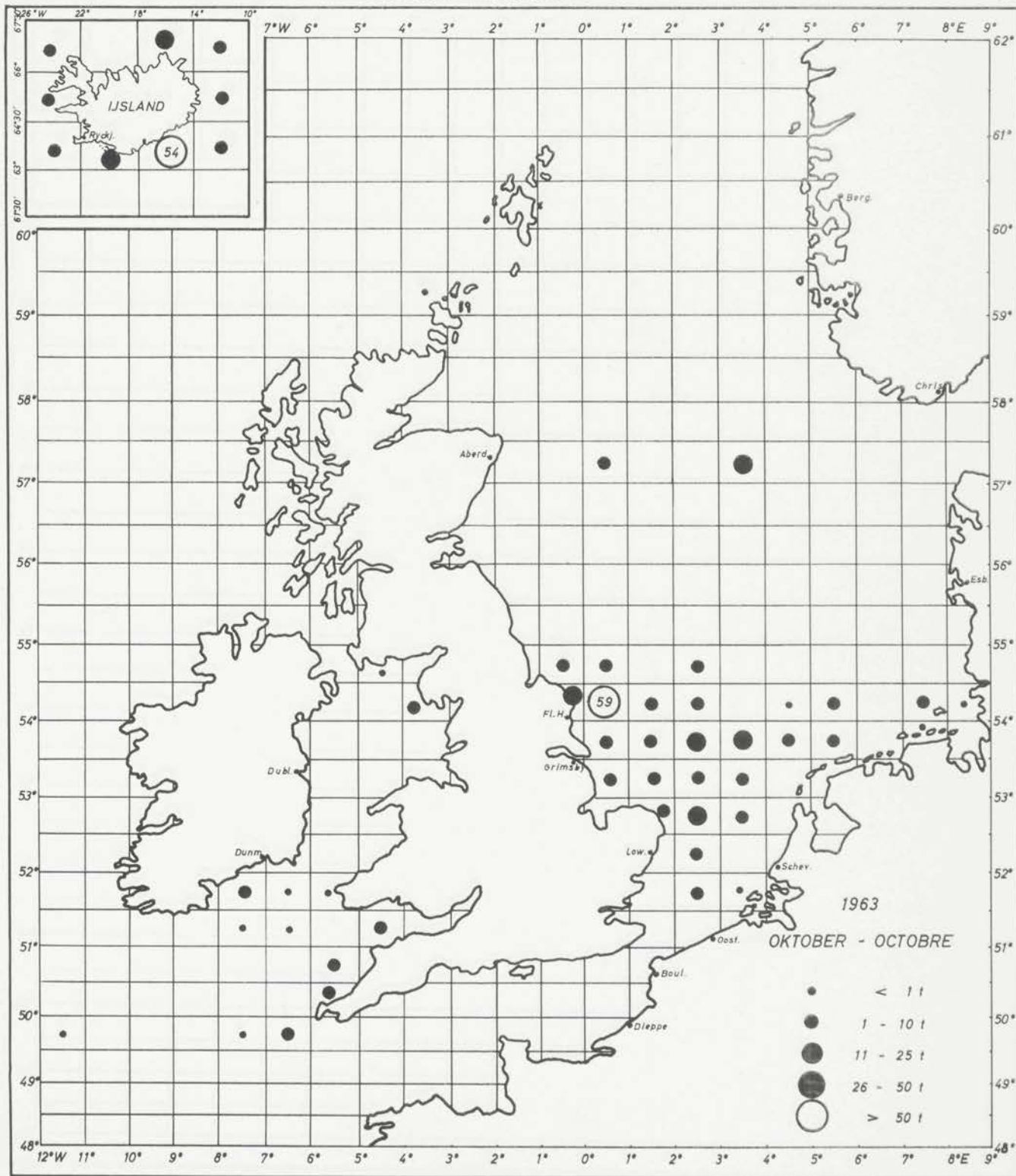
SCHELVIS - EGLEFIN

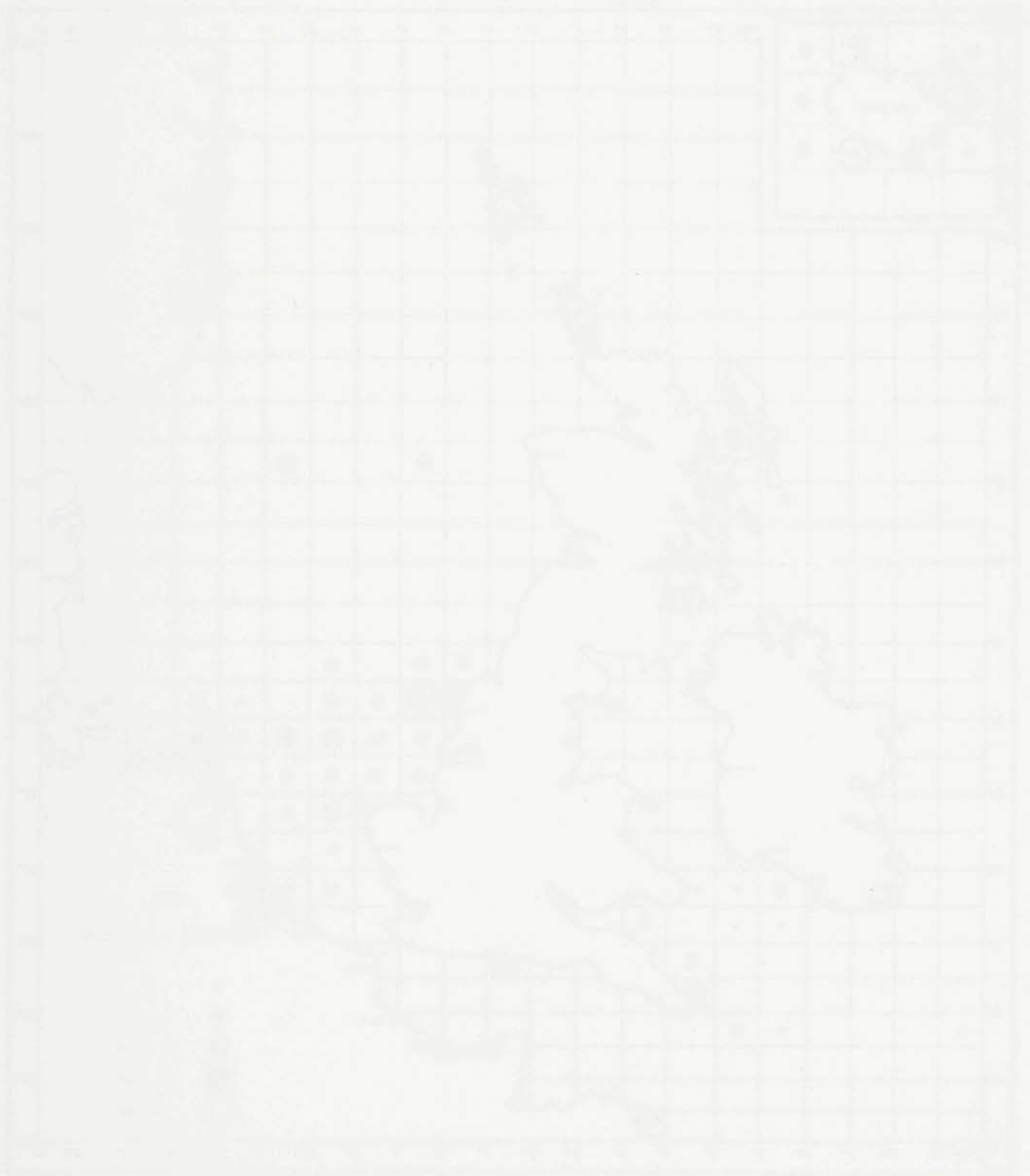


MAP OF INDIA

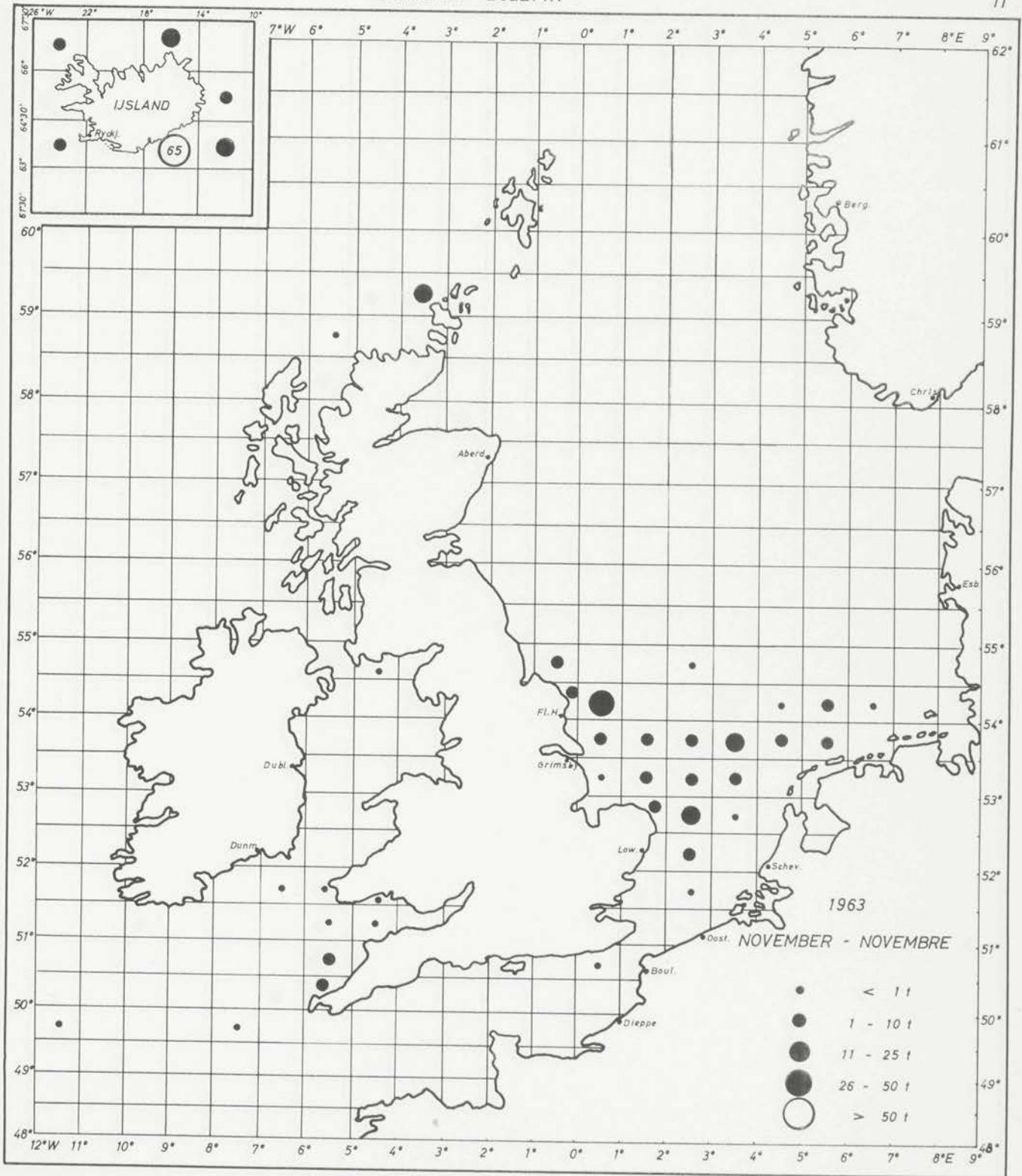


SCHELVIS - EGLEFIN



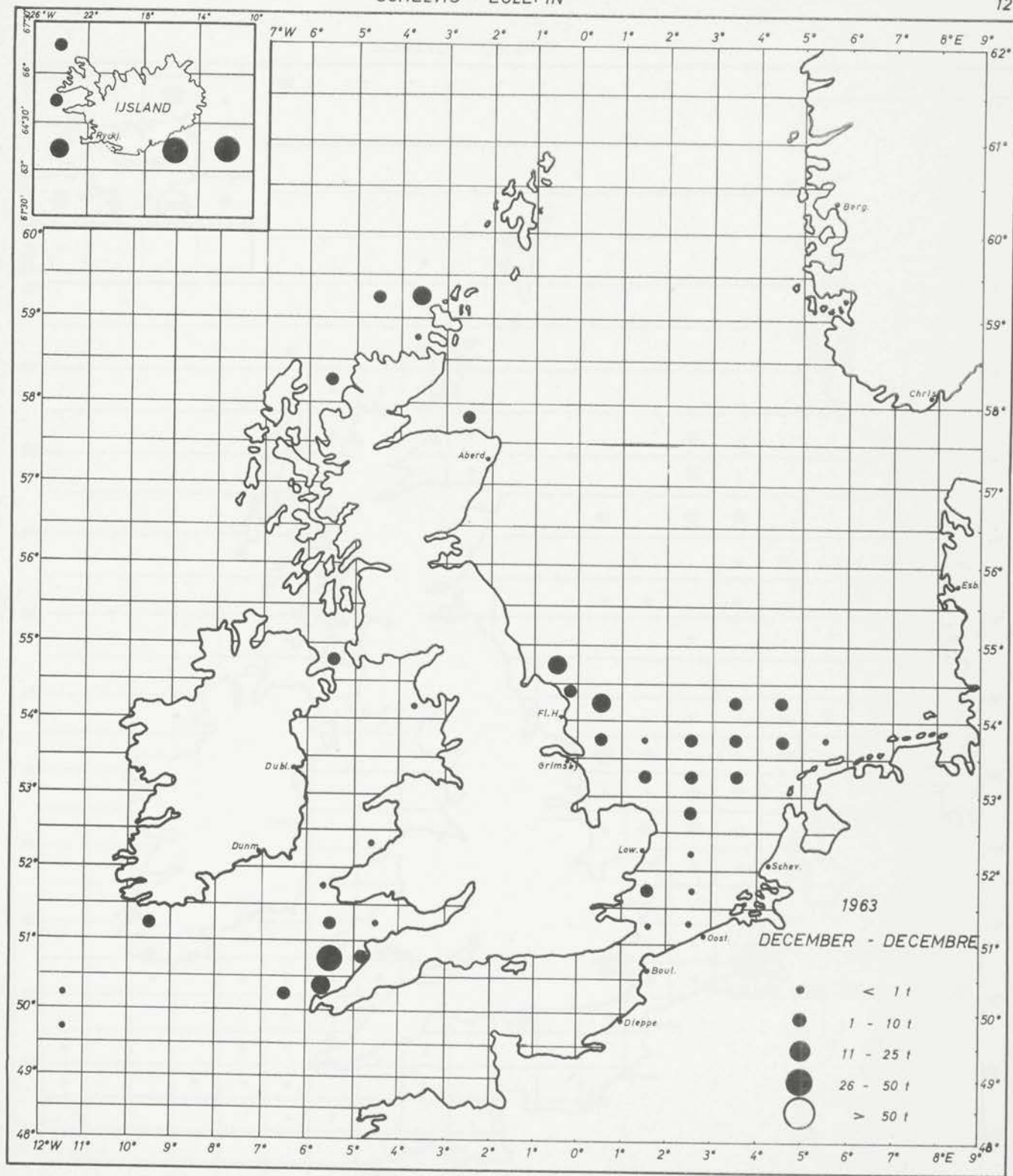


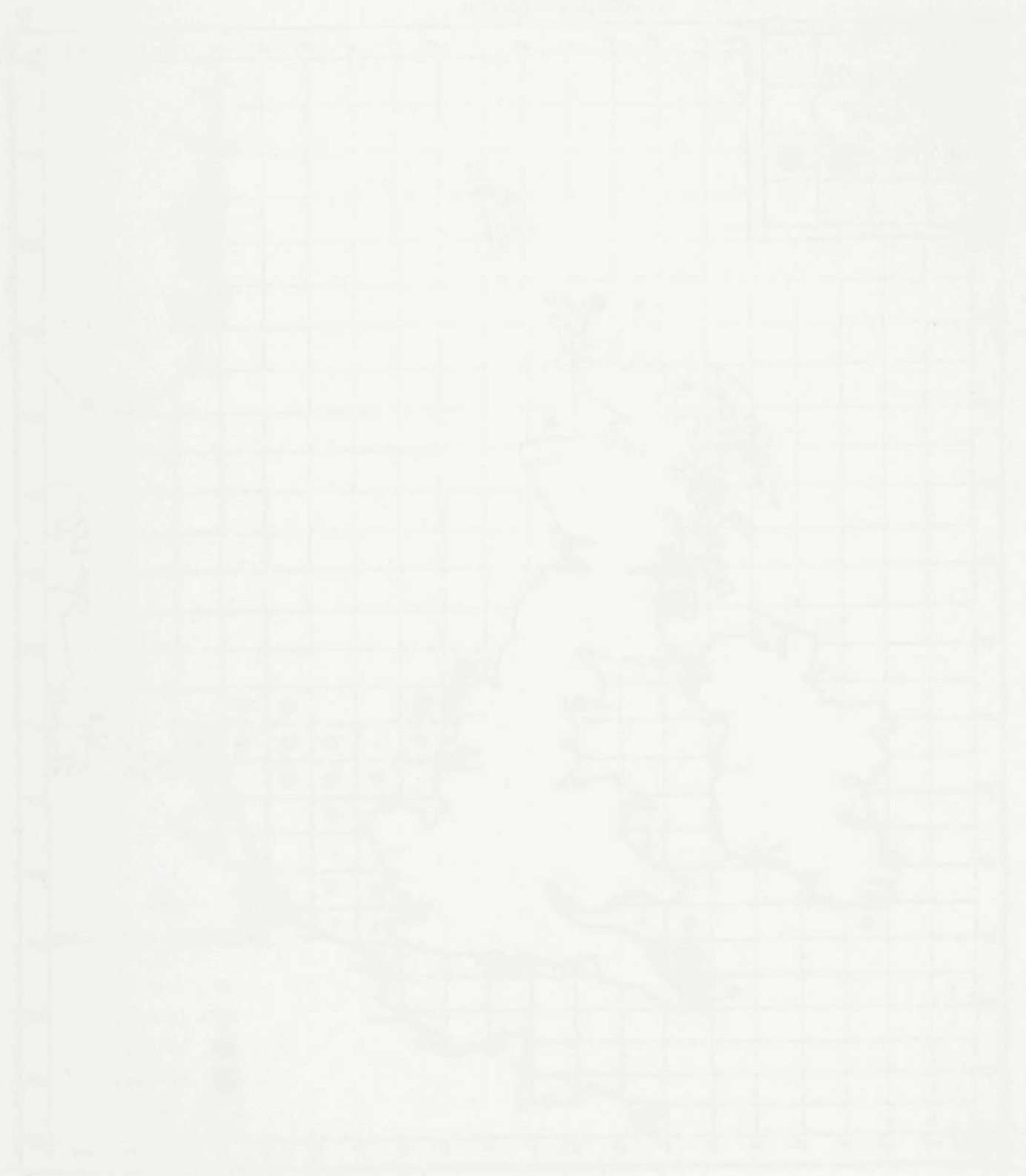
SCHELVIS - EGLEFIN



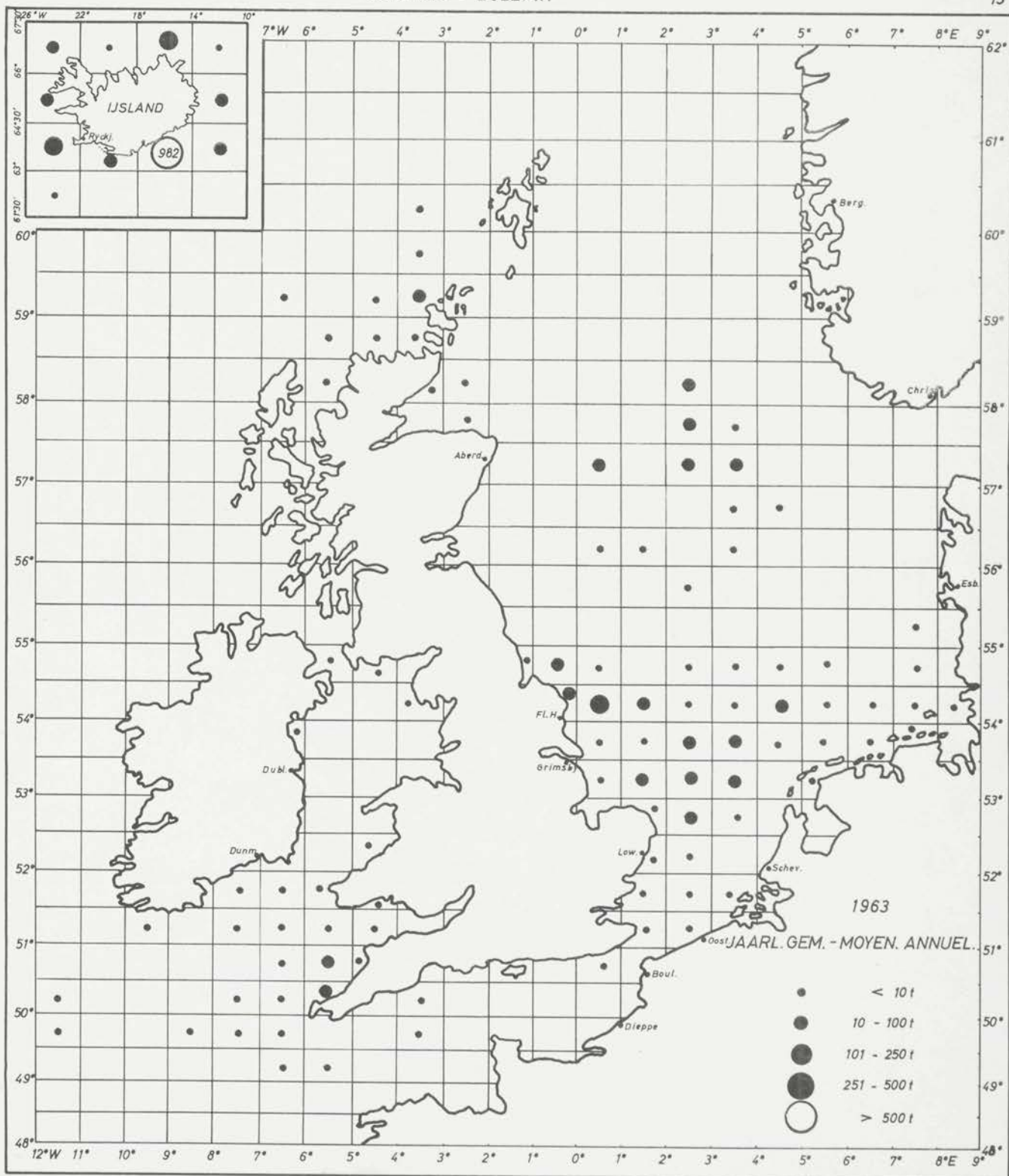


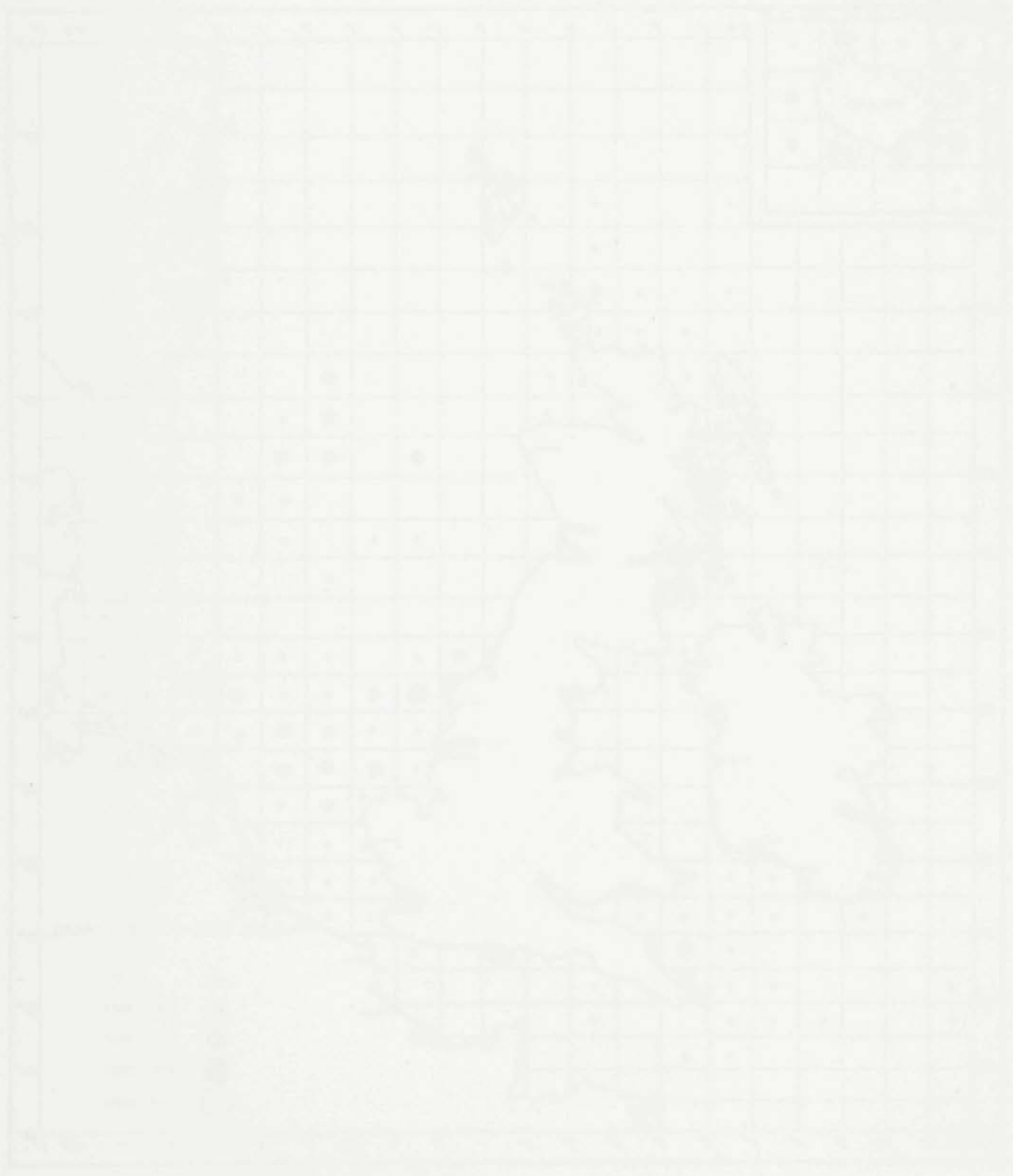
SCHELVIS - EGLEFIN



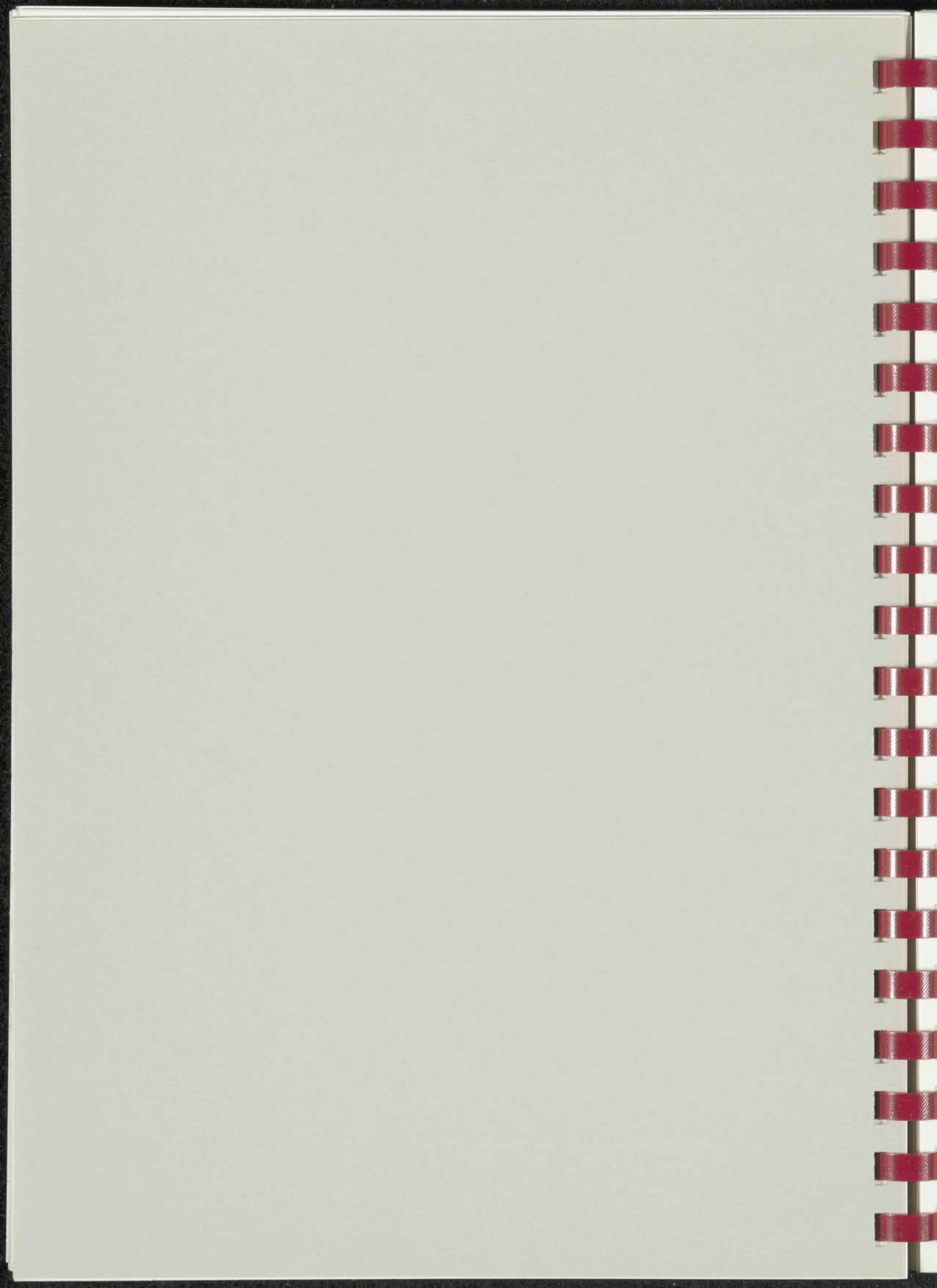


SCHELVIS - EGLEFIN





WIJTING - MERLAN - MERLANGIUS MERLANGUS (L)



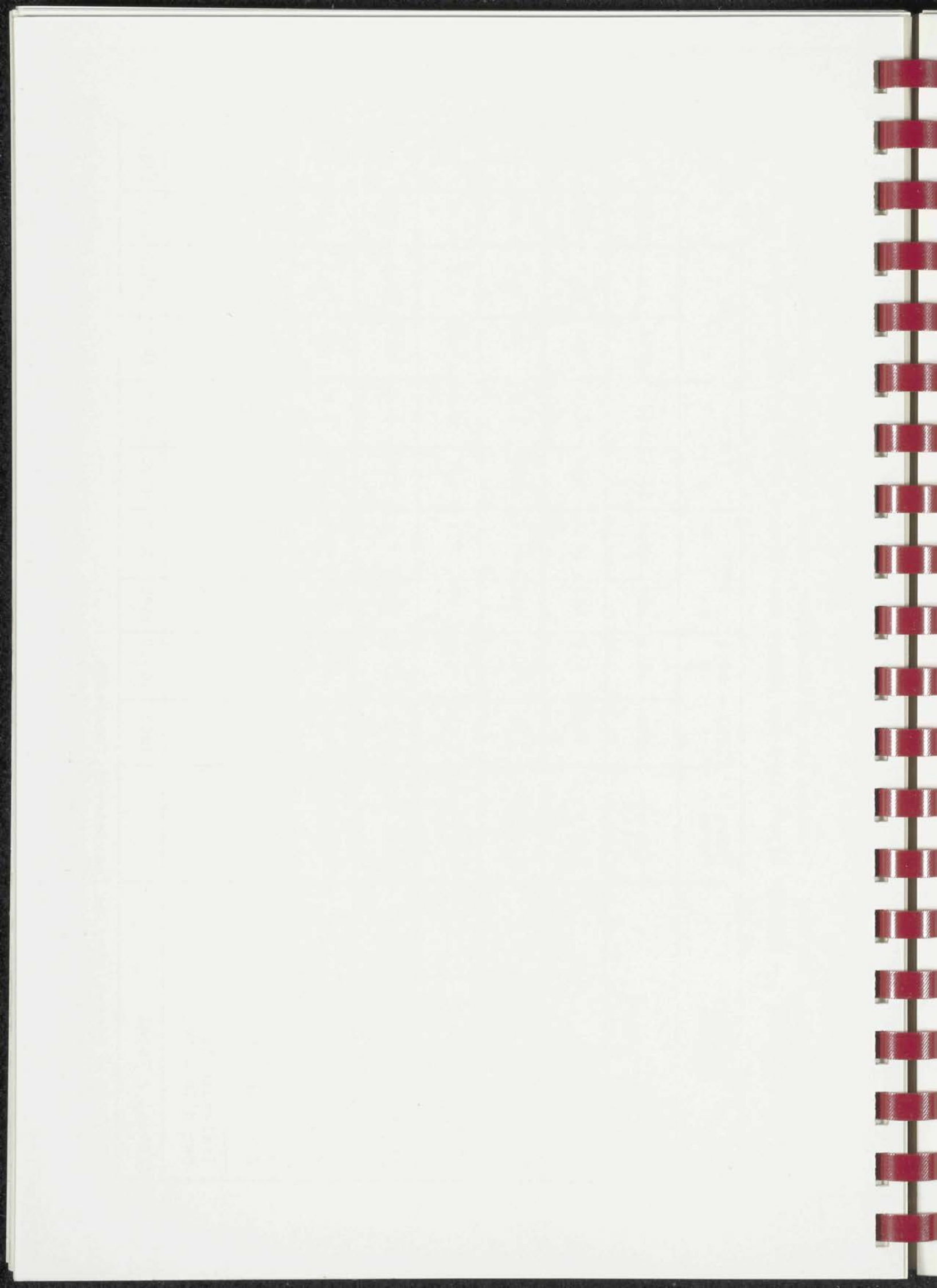
Tabel I - WIJTING - Indeling van de jaarlijkse vangst volgens de gebieden (1)

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



WIJTING - MERLAN

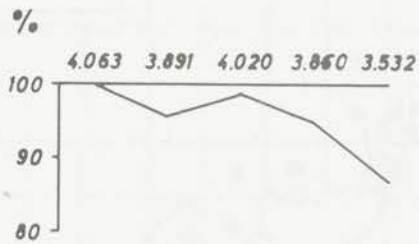


Fig. 1. Jaarlijkse aanvoer in t
Apports annuels en t

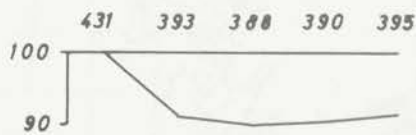


Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navire en activité

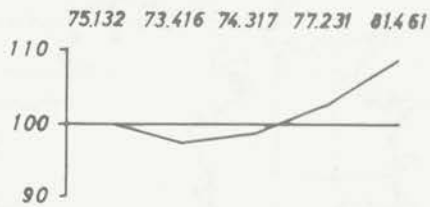


Fig. 3. Drijfkracht (pk)
Force motrice (cx)

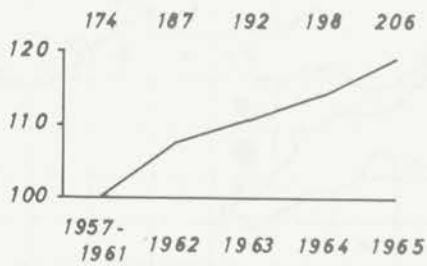


Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cx par navire

PROPERTIES OF POLYMER

1. Mechanical properties
Tensile strength



2. Thermal properties
Glass transition temperature



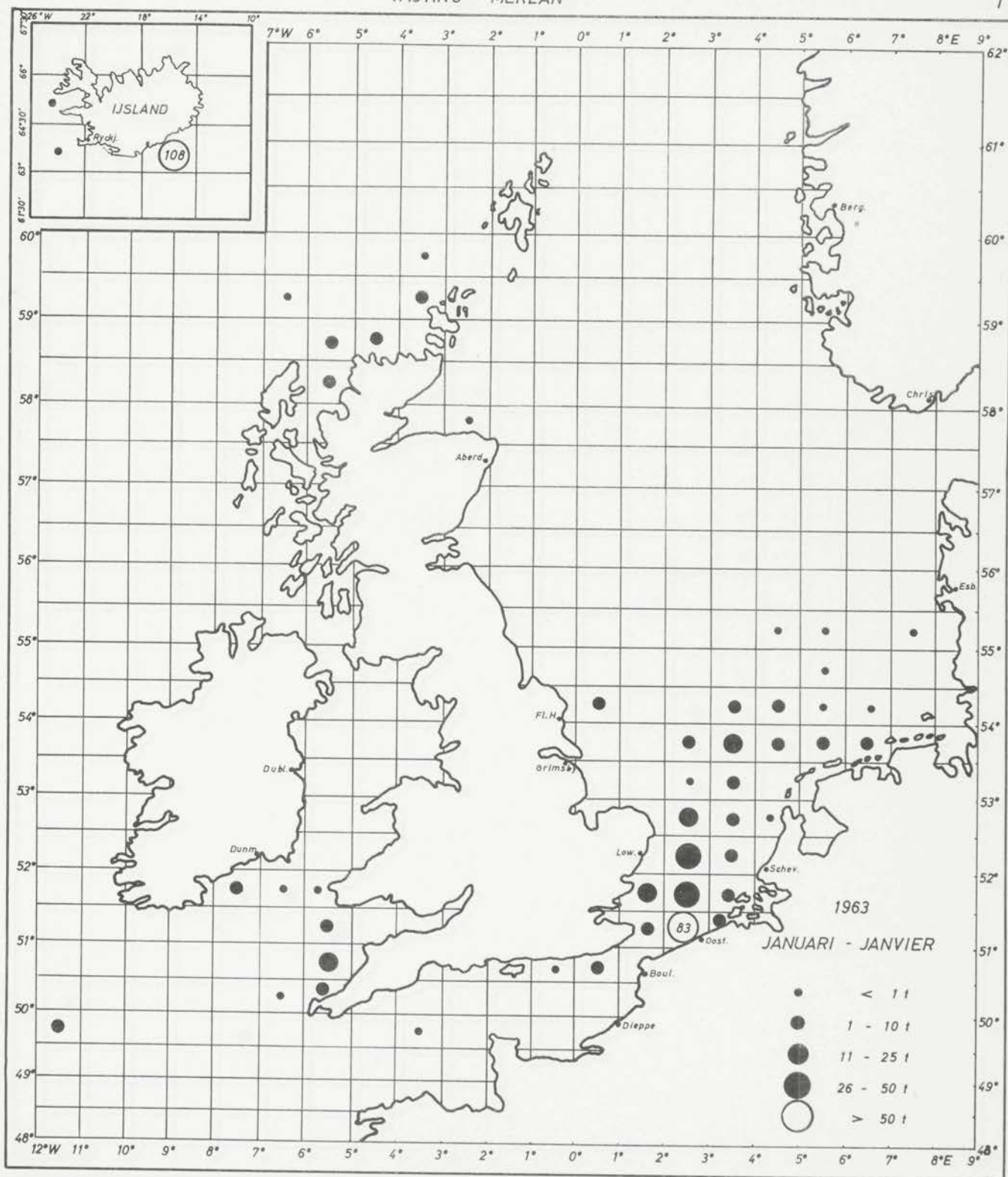
3. Electrical properties
Dielectric constant



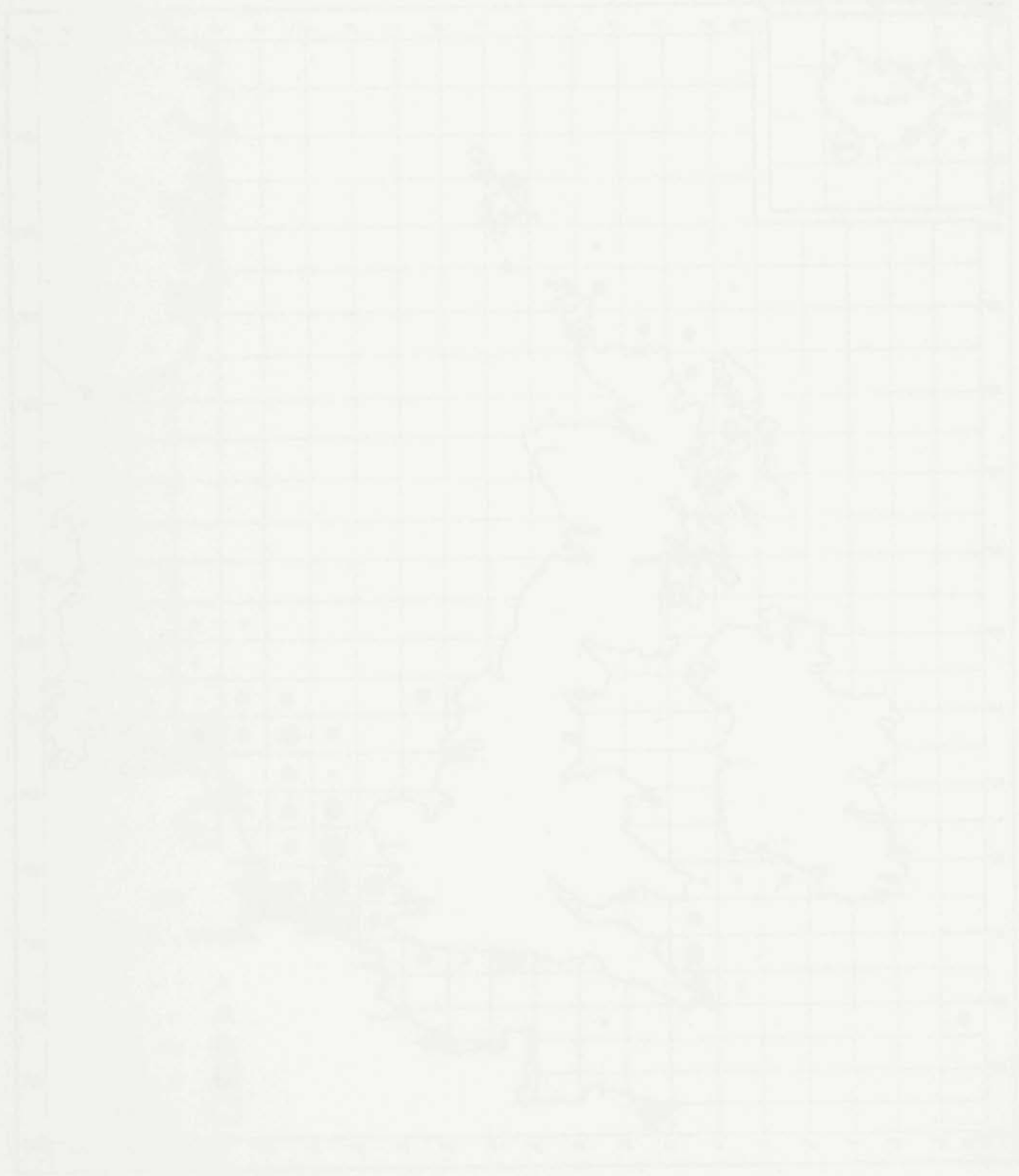
4. Optical properties
Refractive index

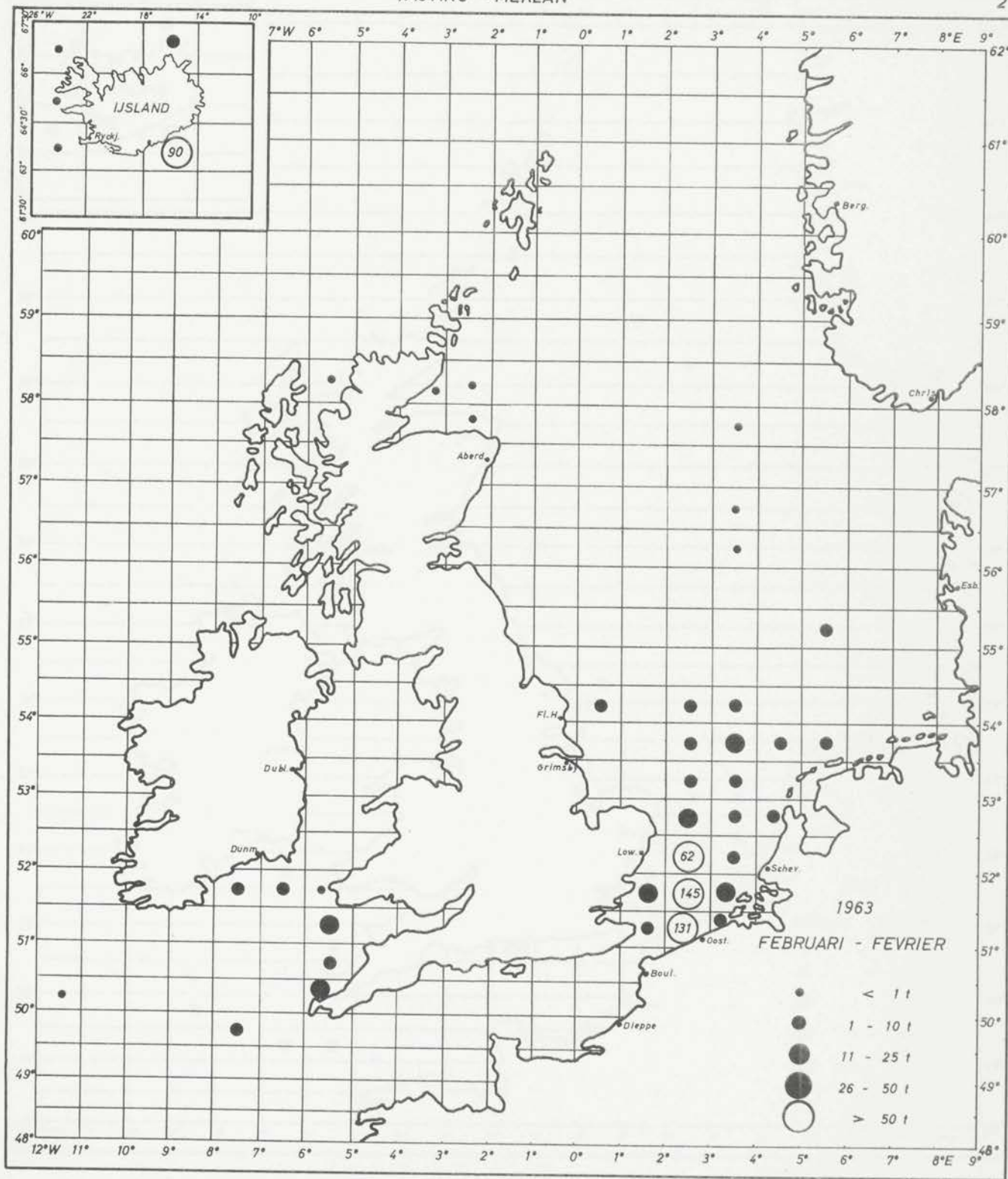


WIJTING - MERLAN

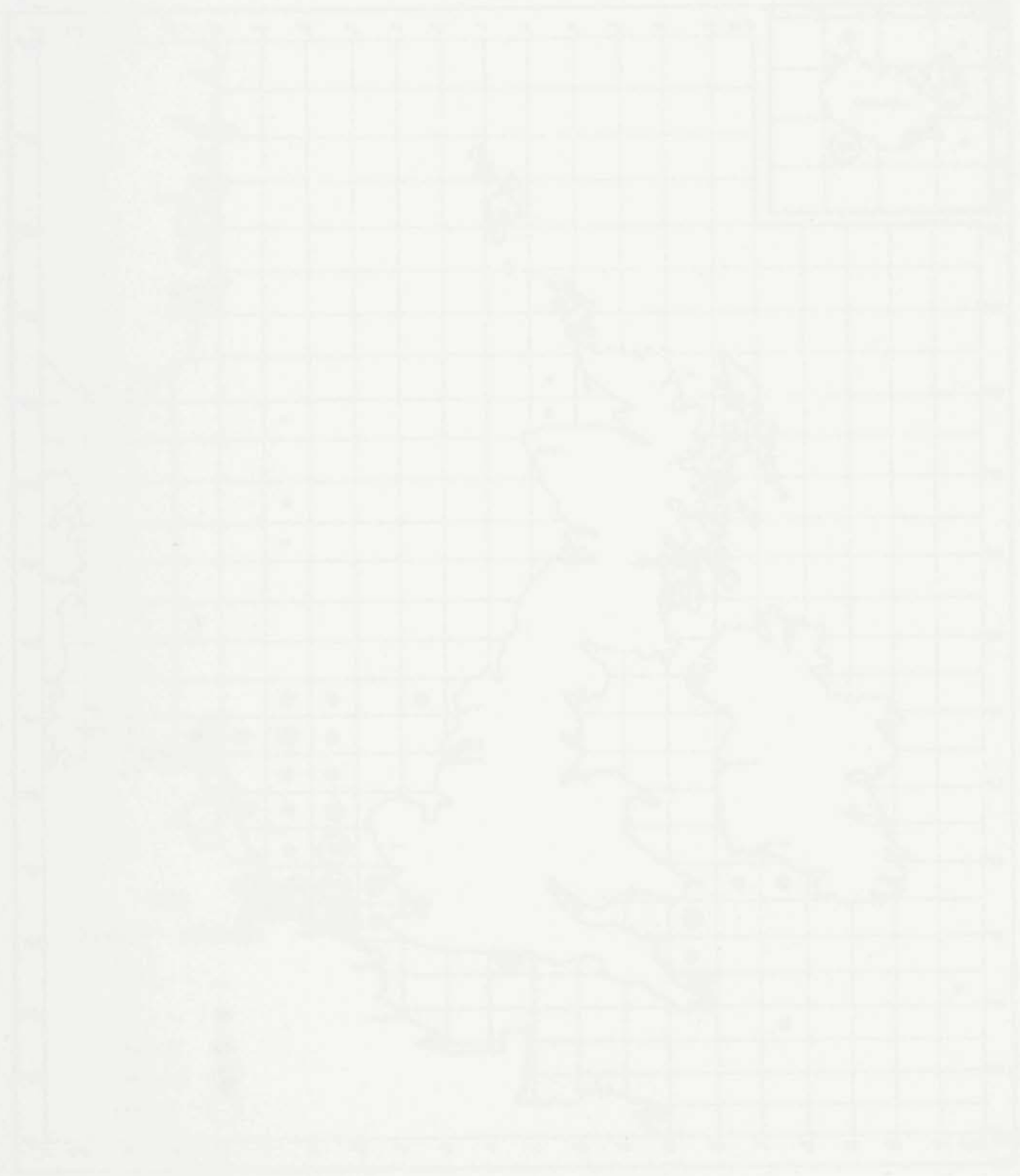


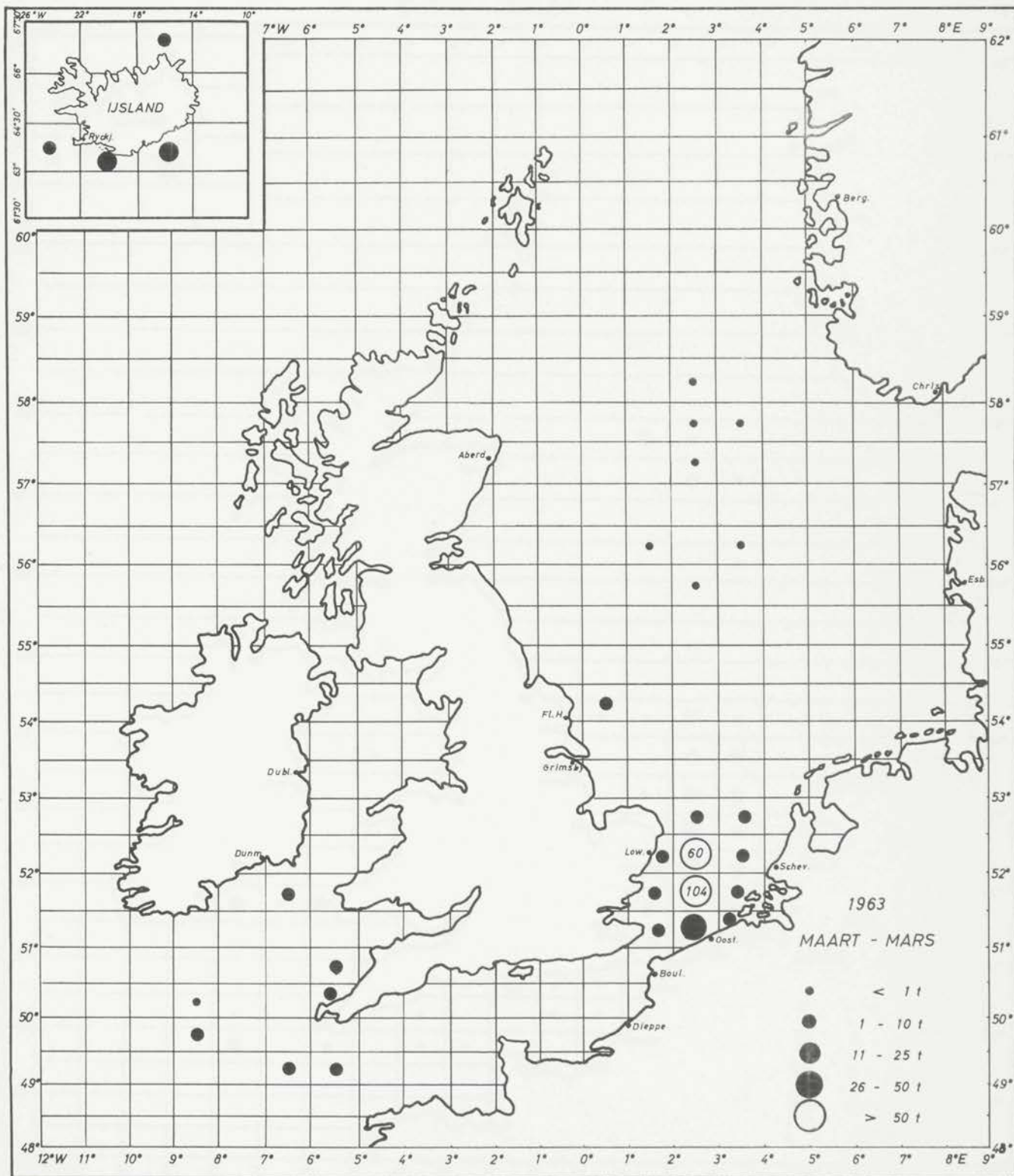
Map of the United States

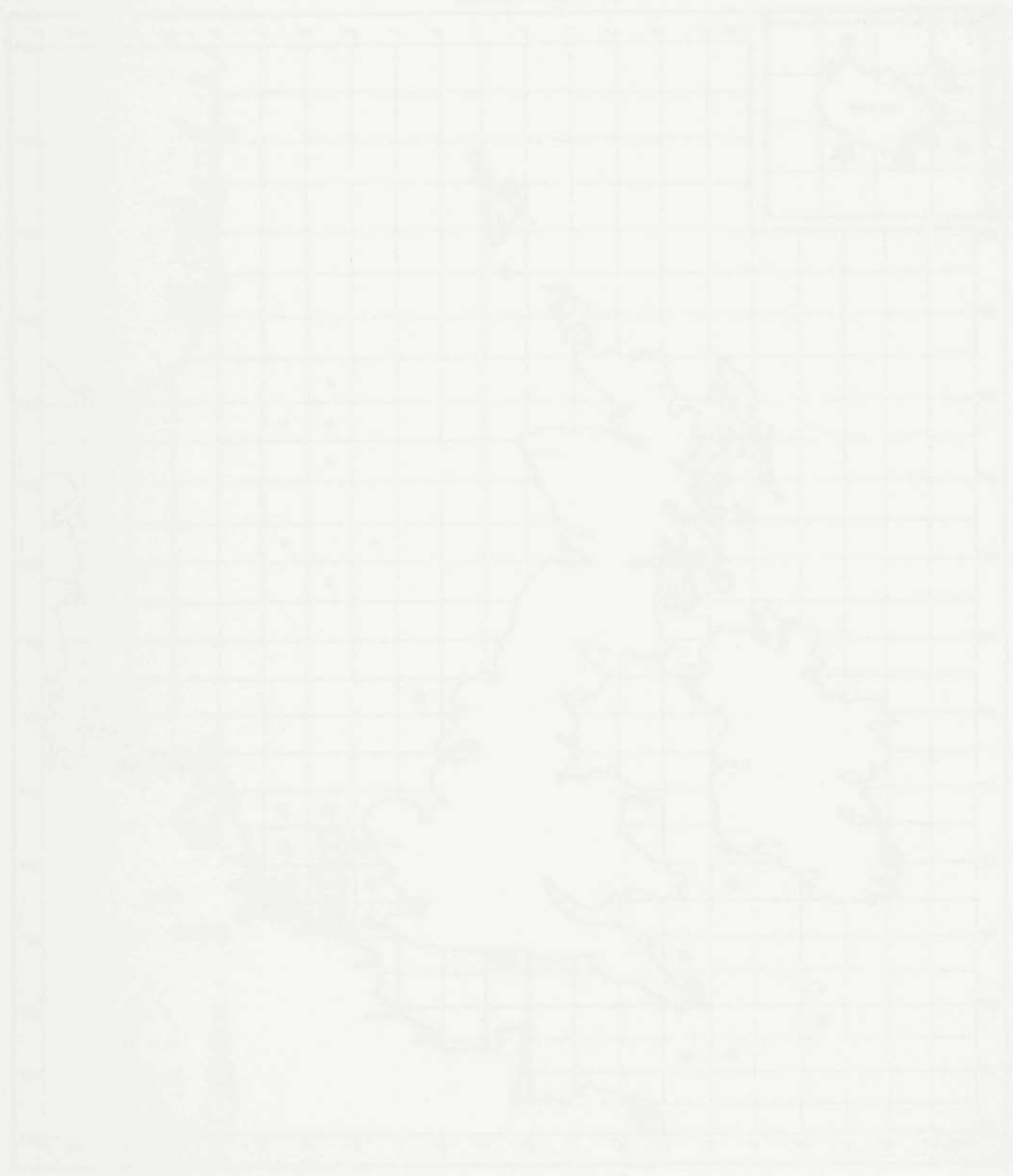


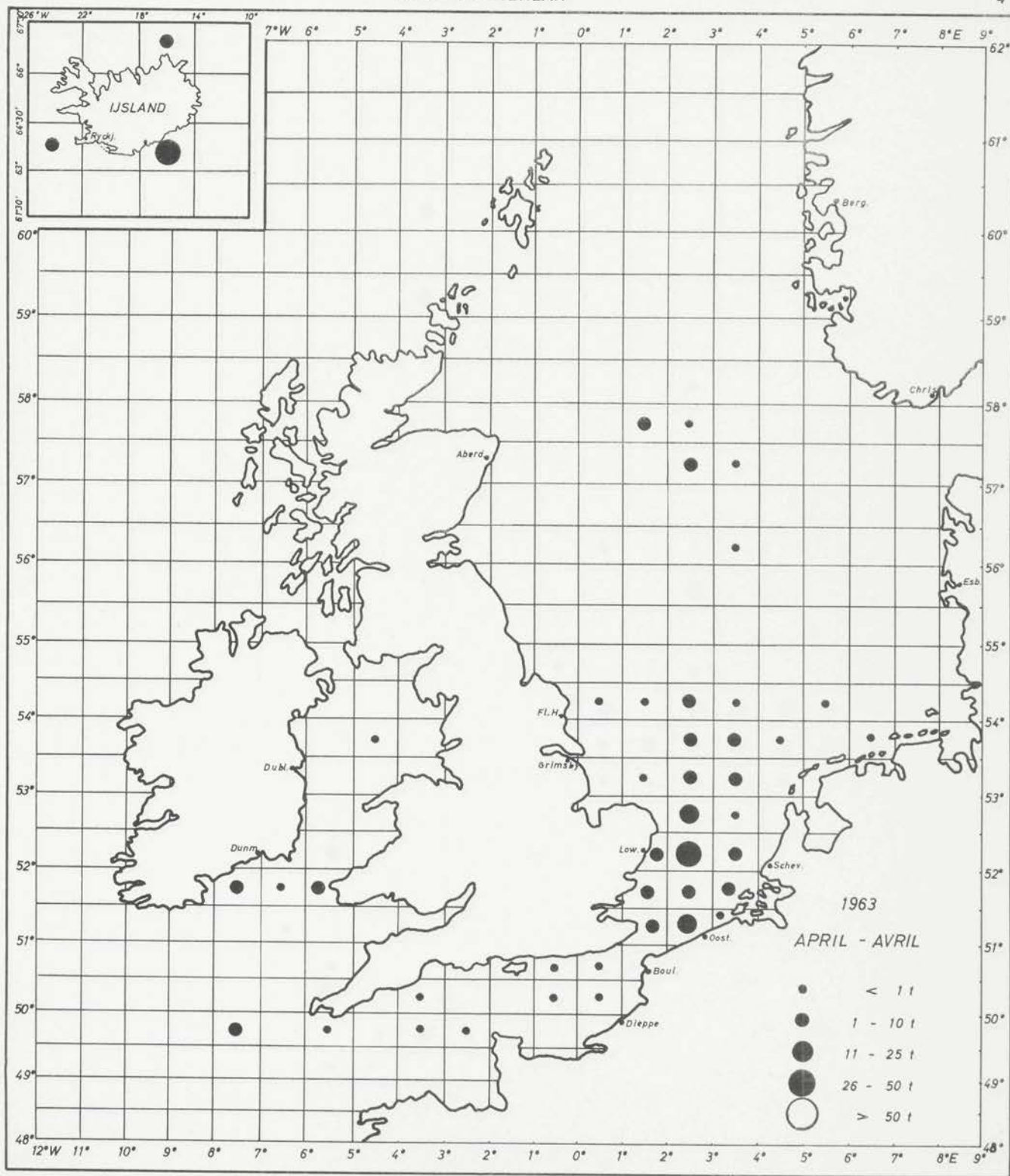


MAP OF INDIA



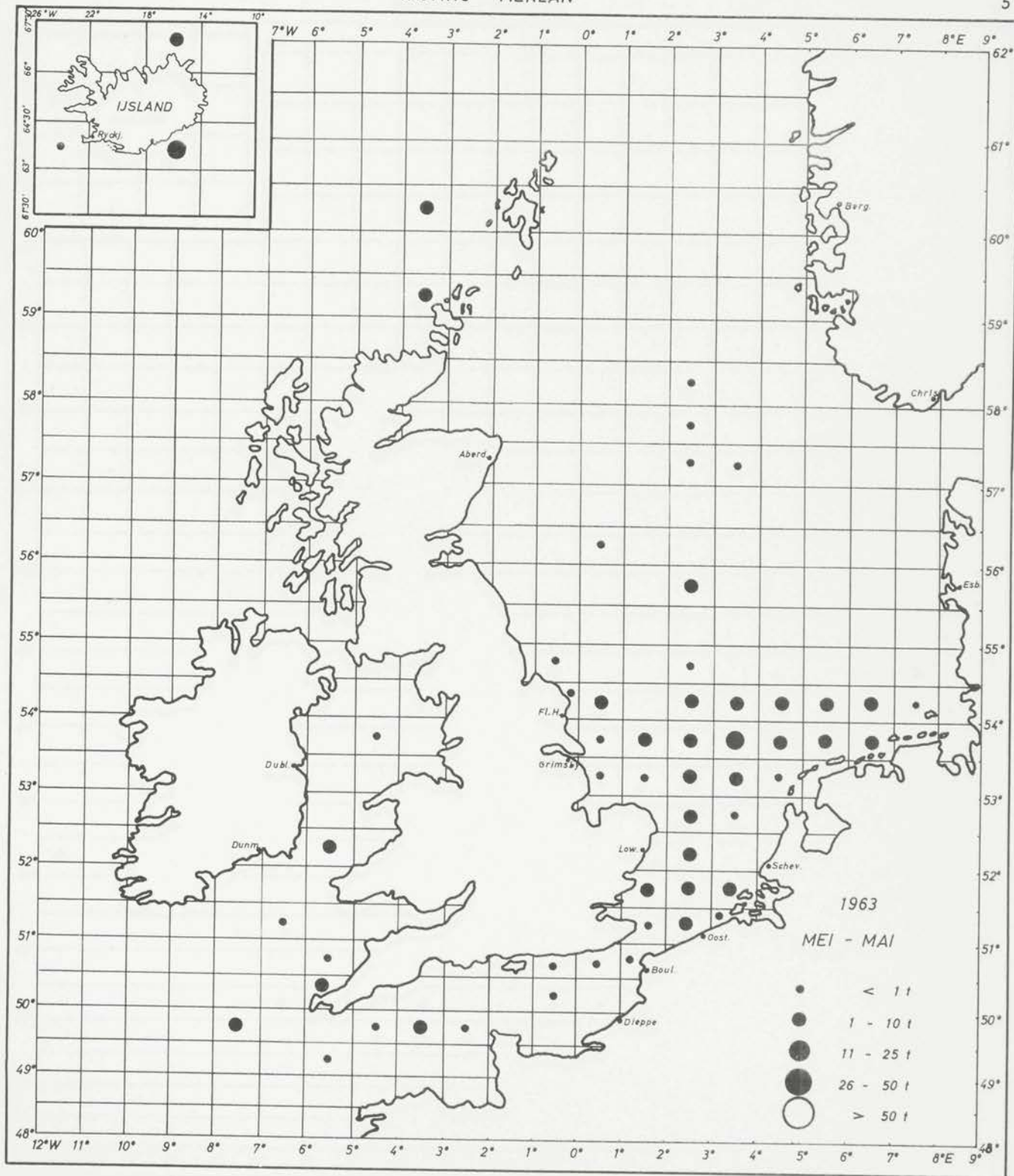






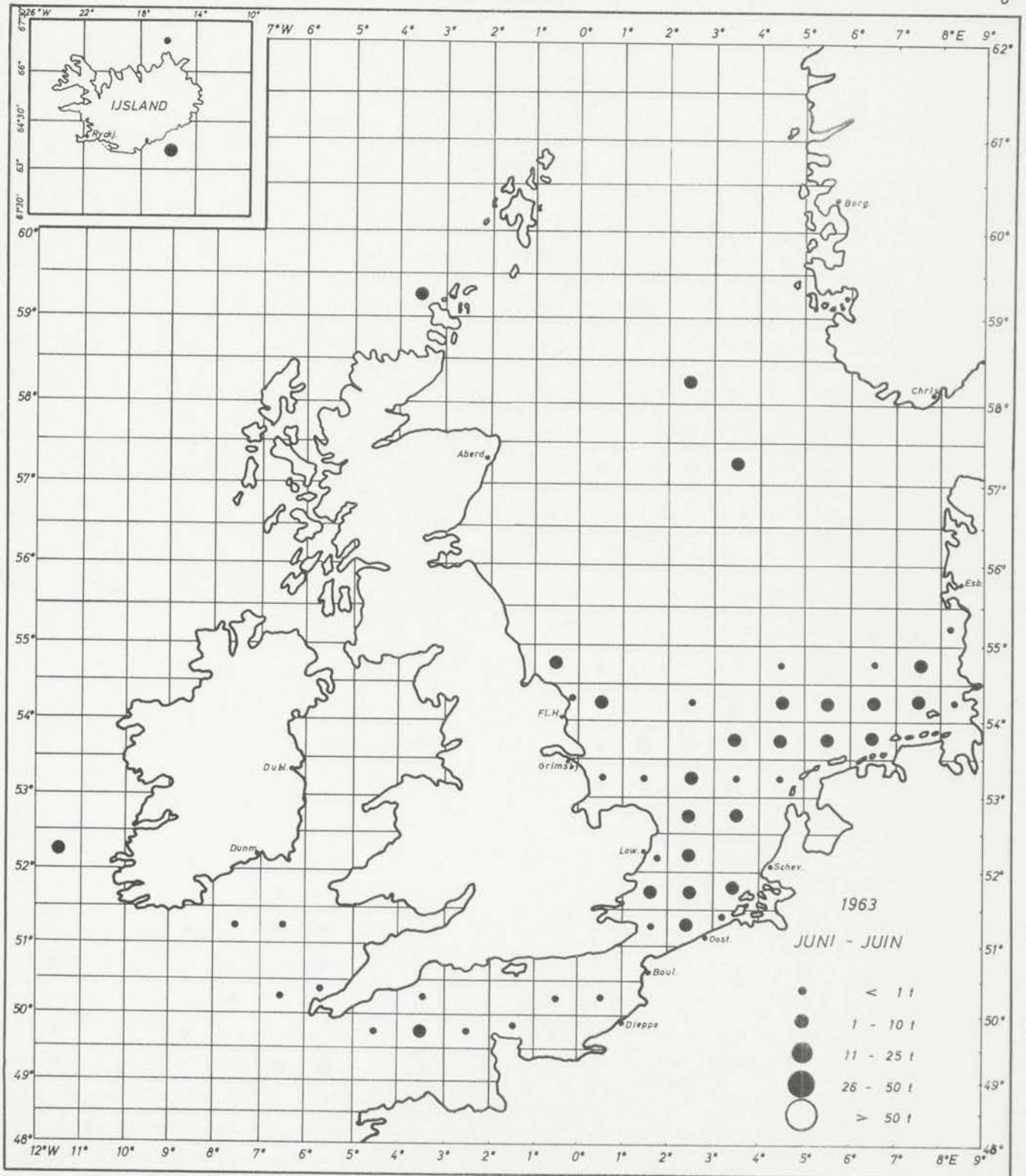


WIJTING - MERLAN



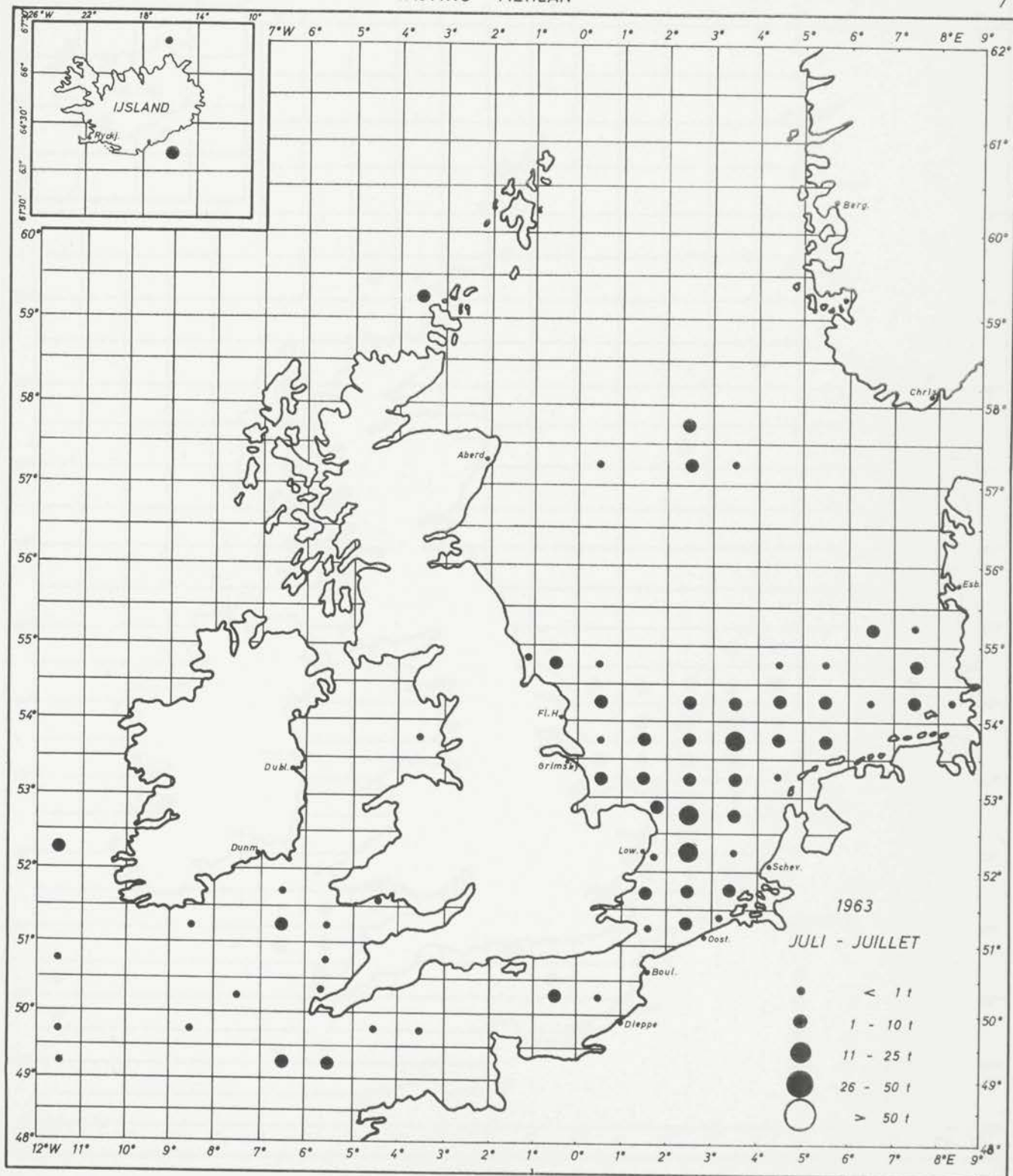


WIJTING - MERLAN

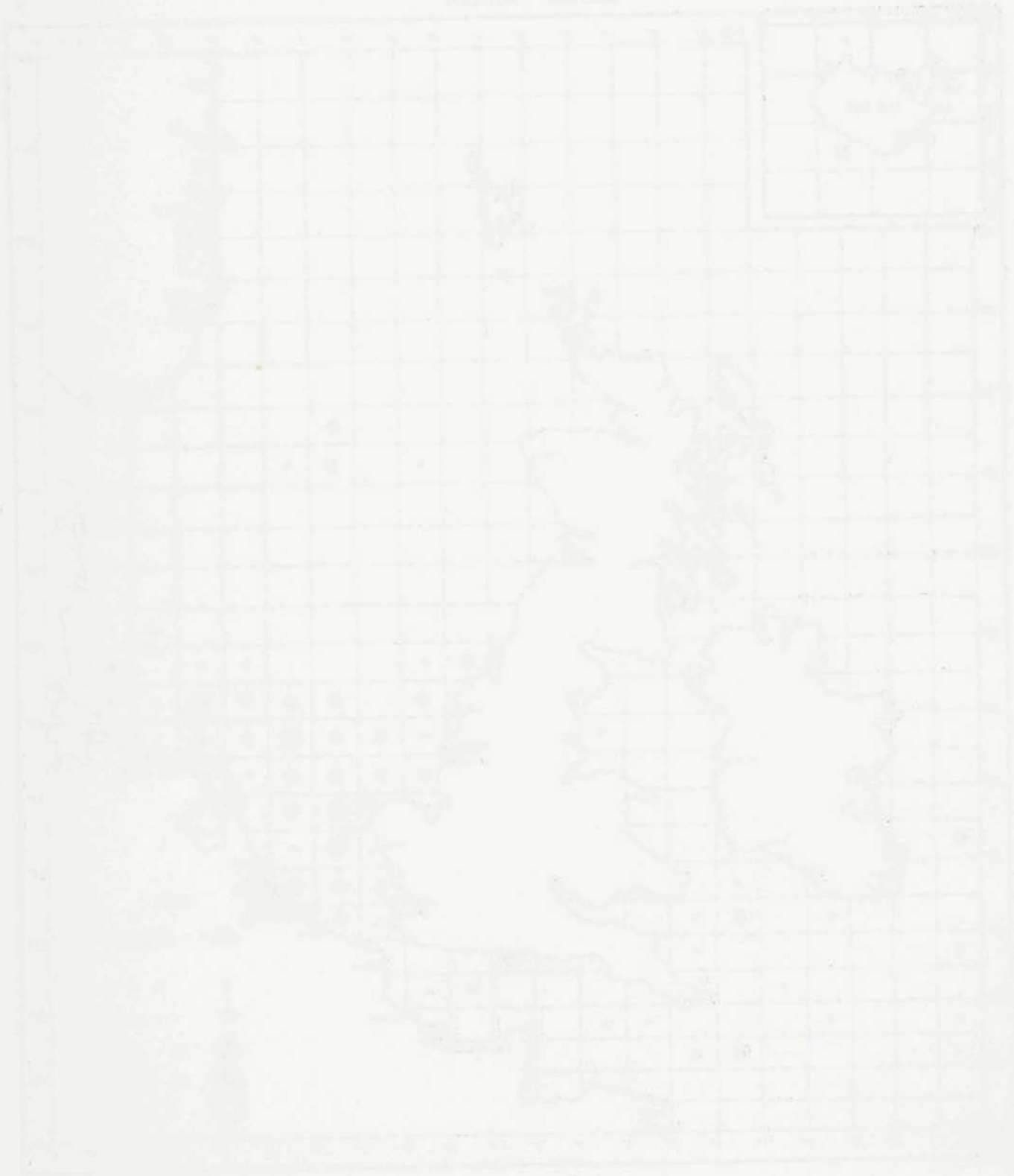




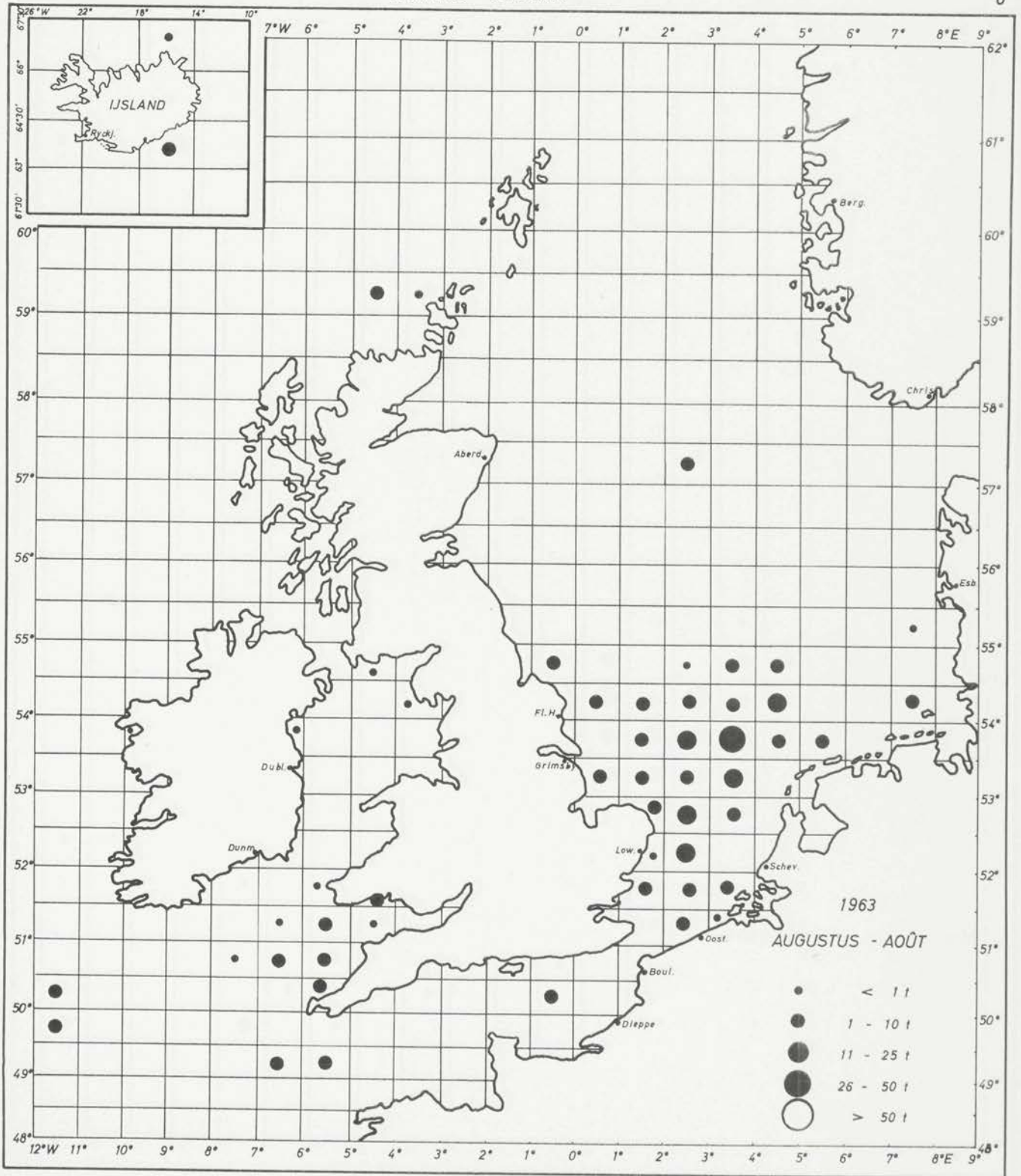
WIJTING - MERLAN



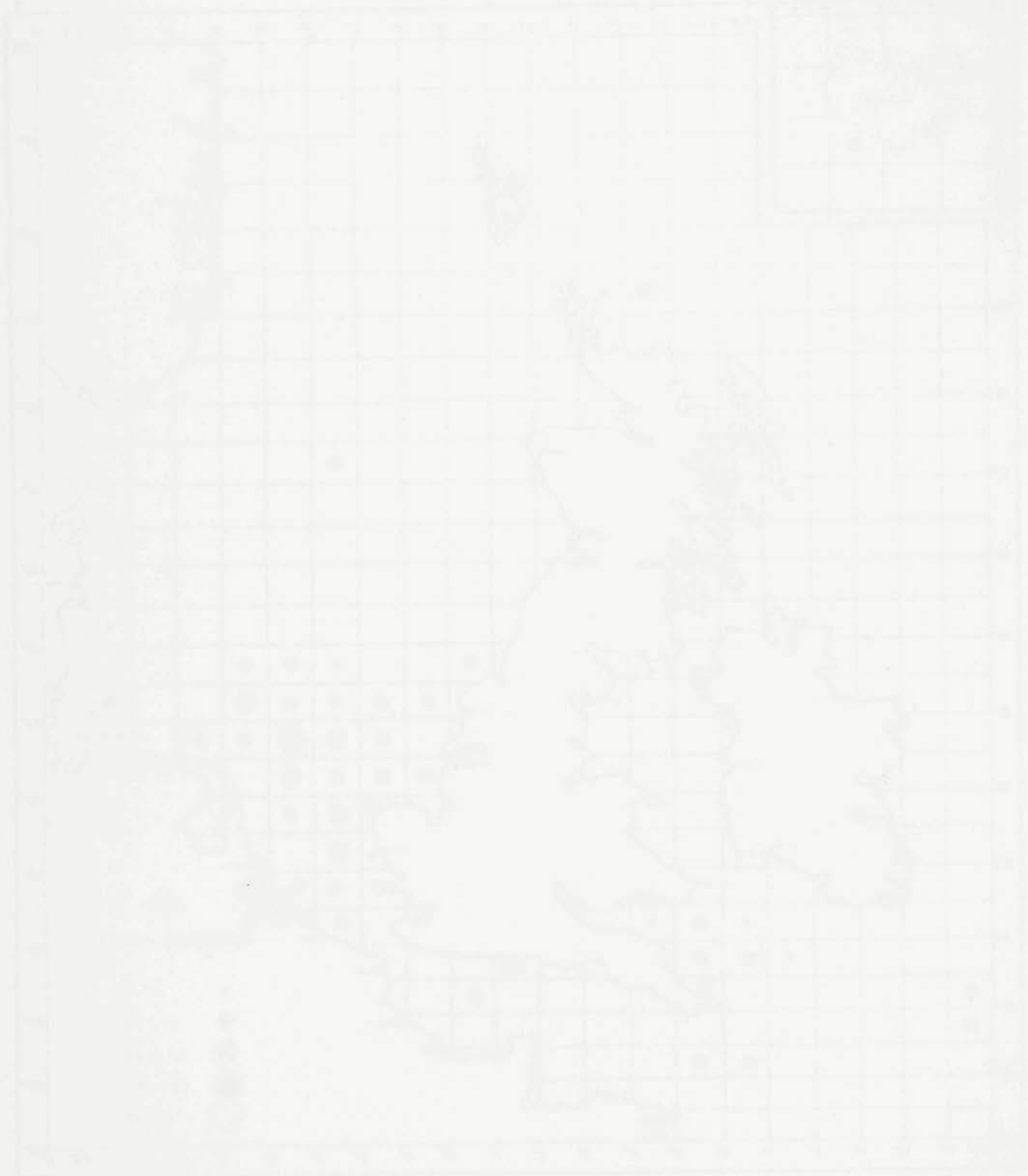
WATERWAY SYSTEM



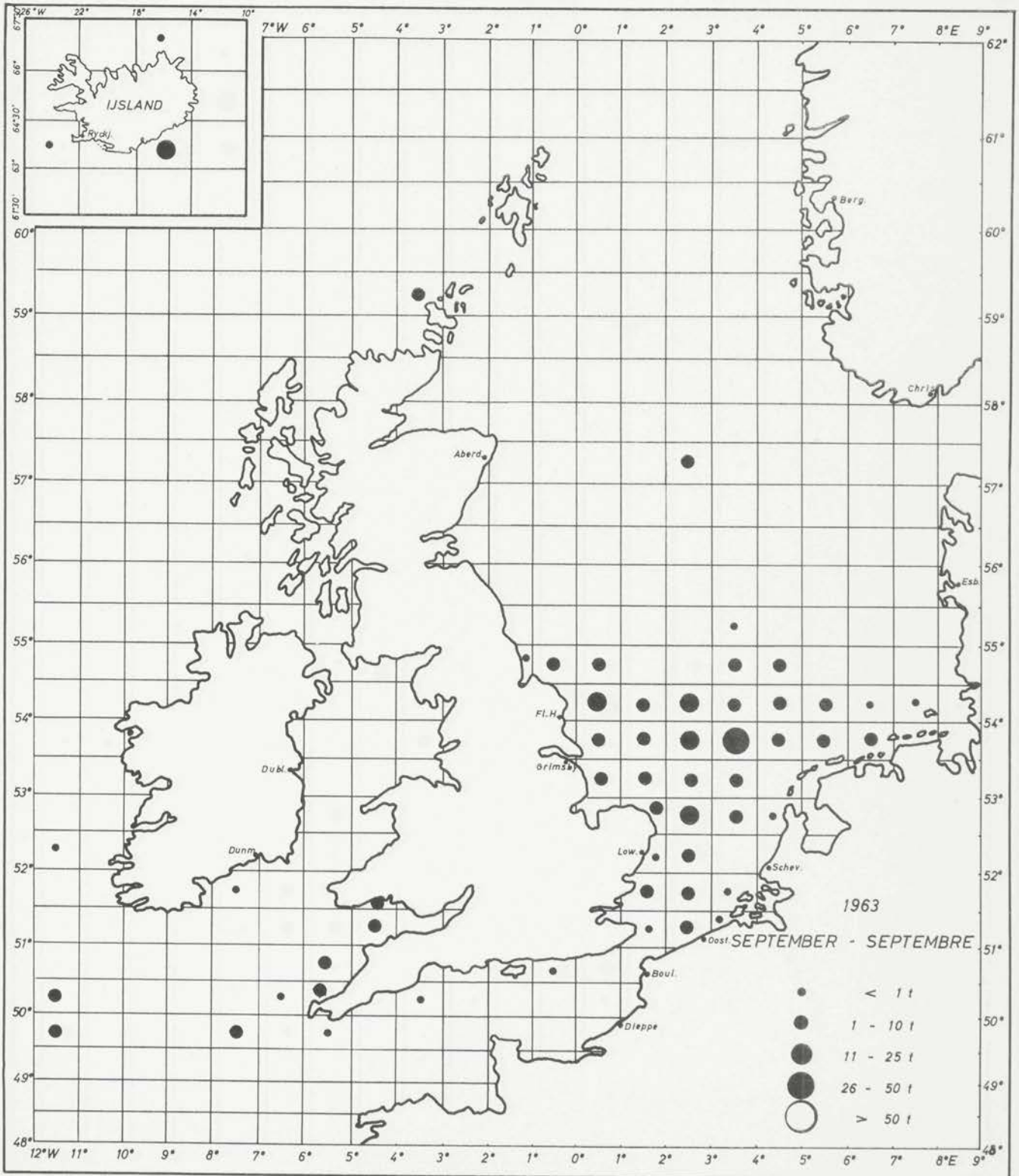
WIJTING - MERLAN



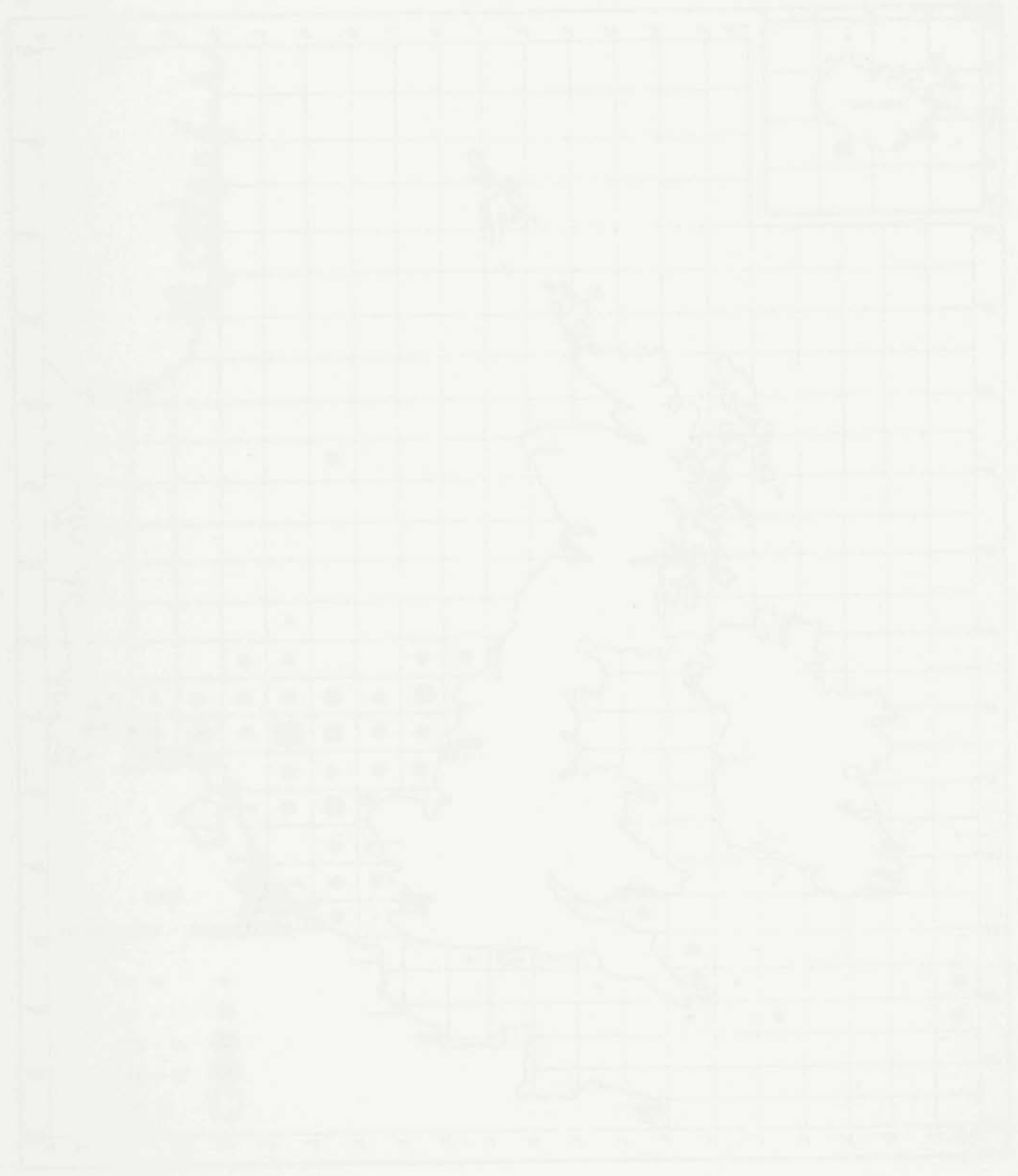
MAP OF INDIA

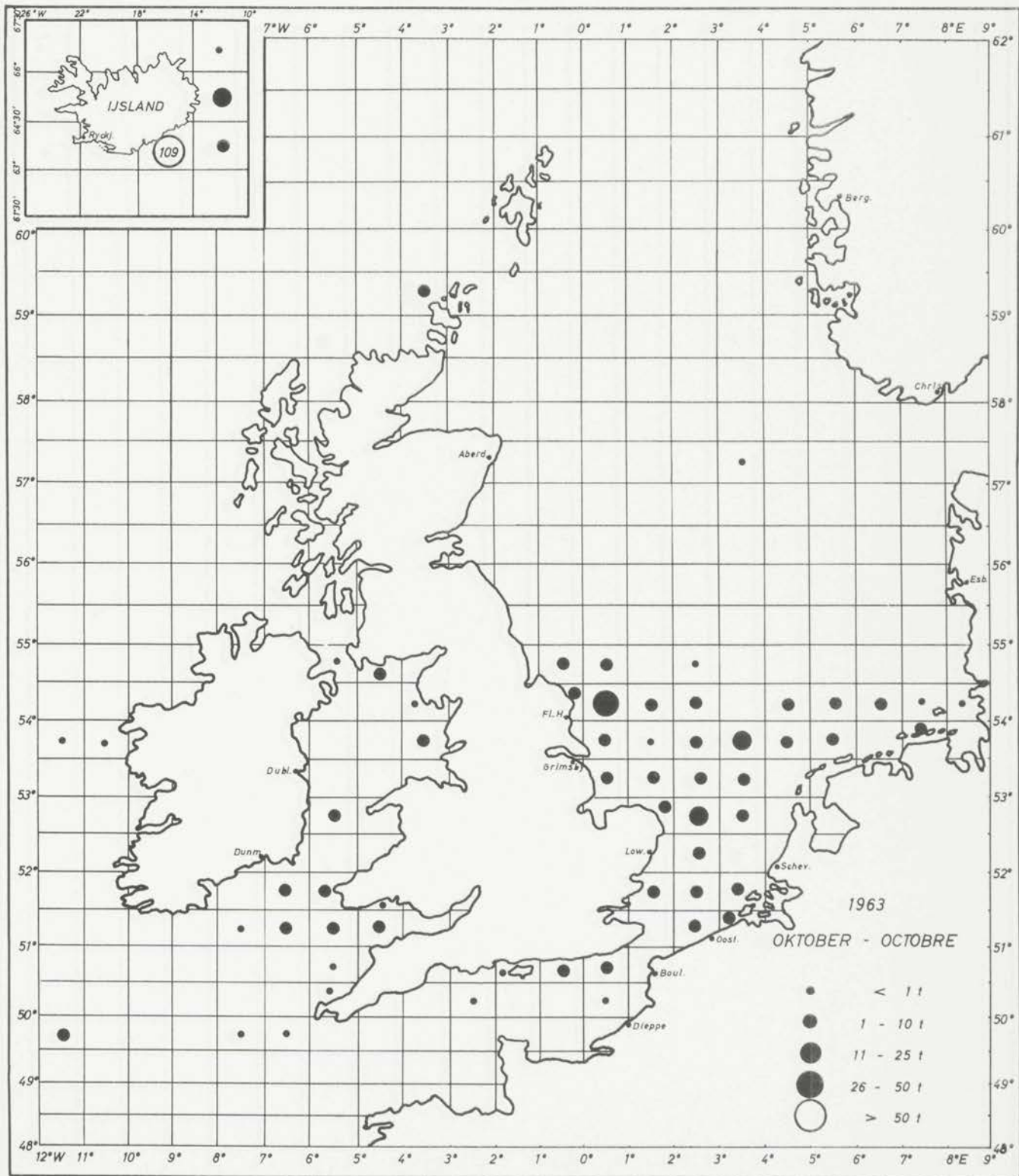


WIJTING - MERLAN

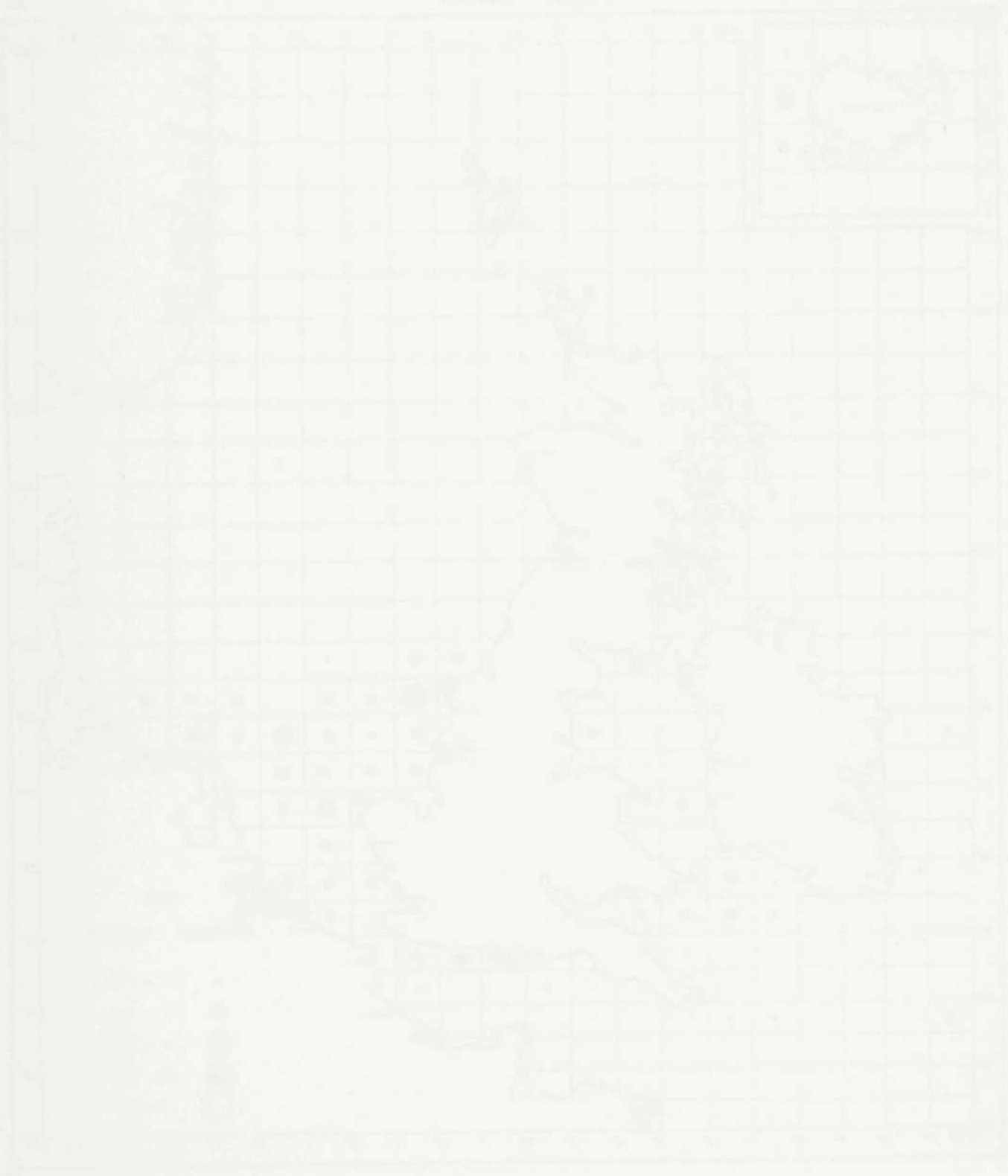


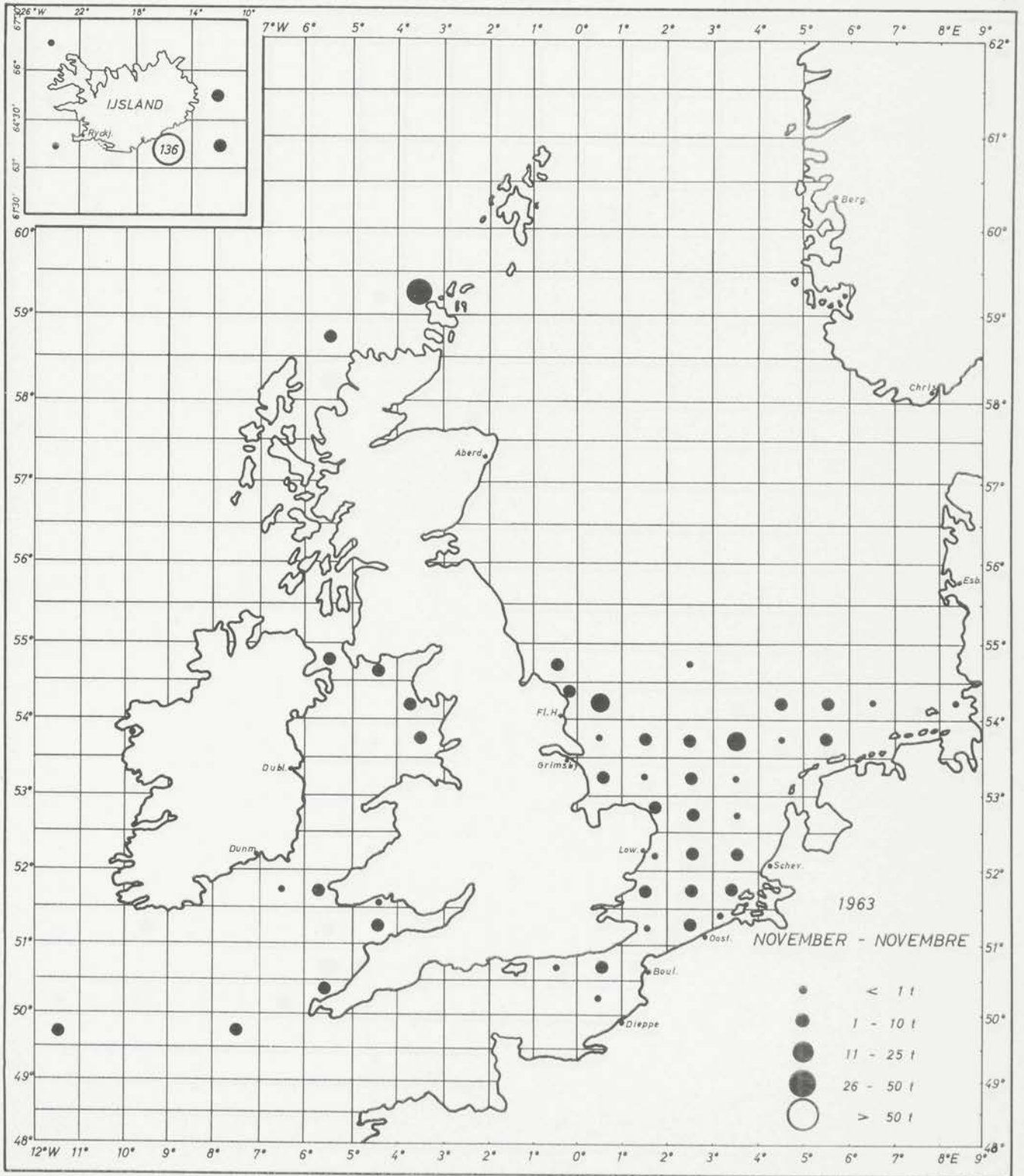
Map of the United States



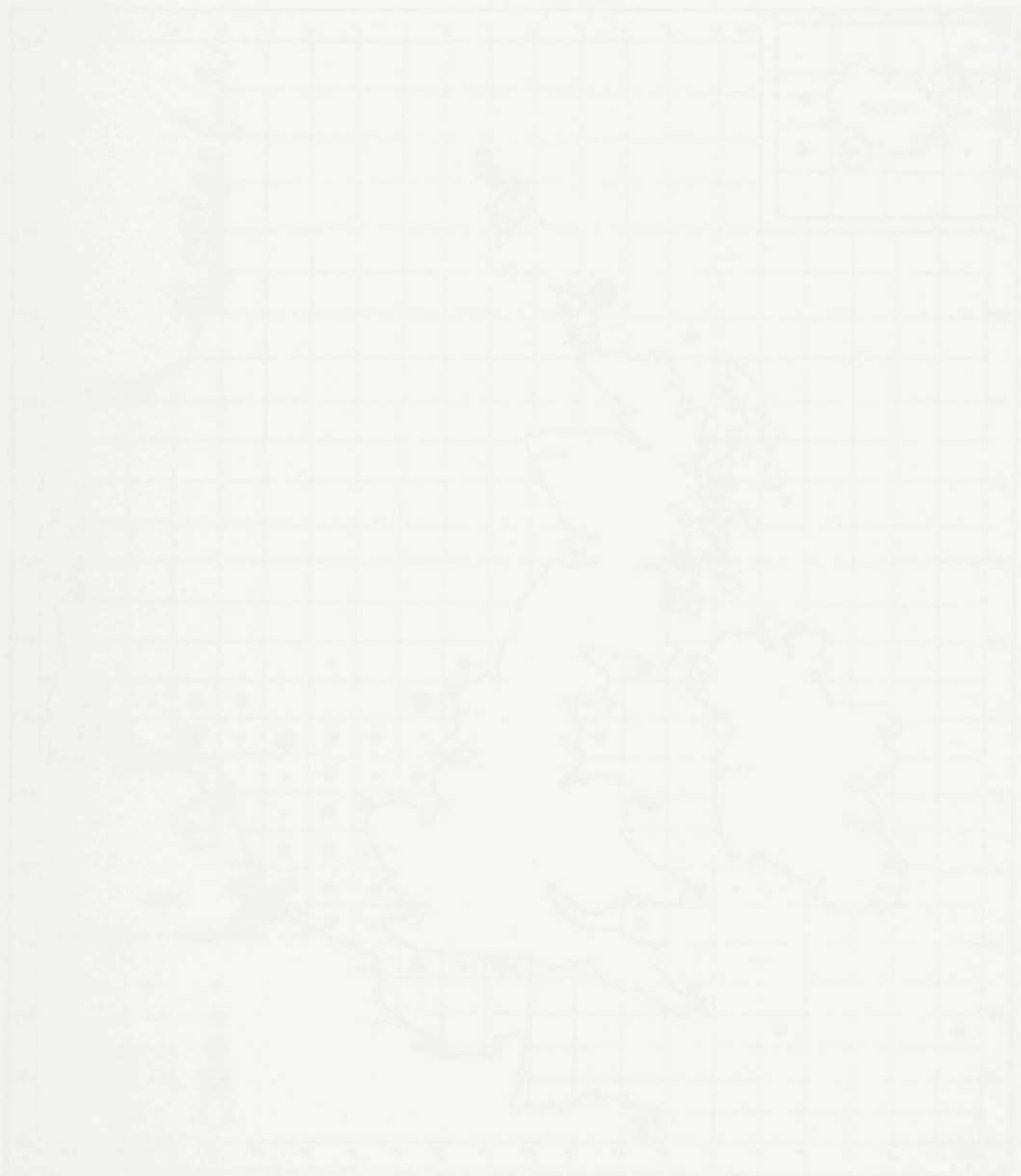


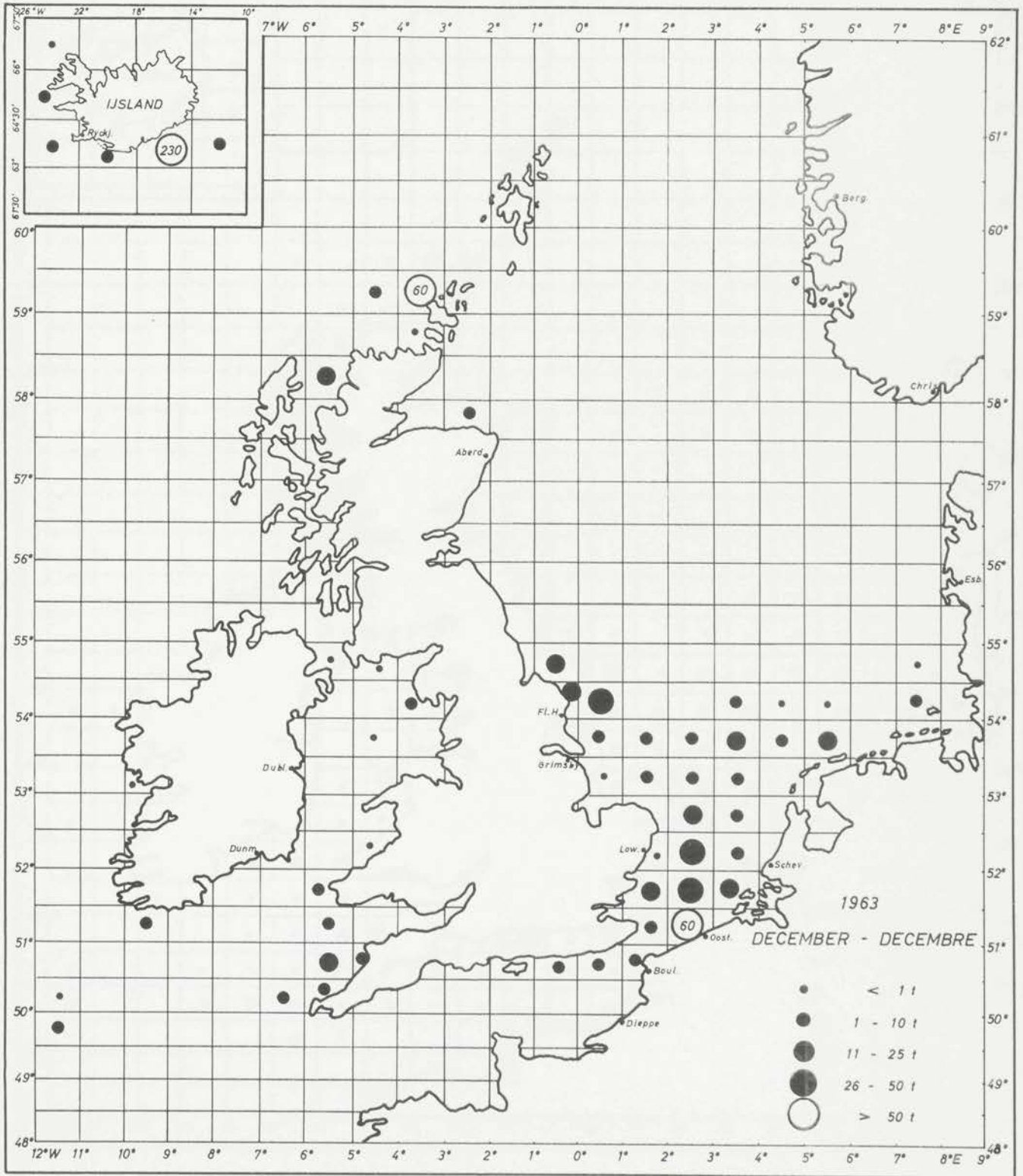
Map of the United States



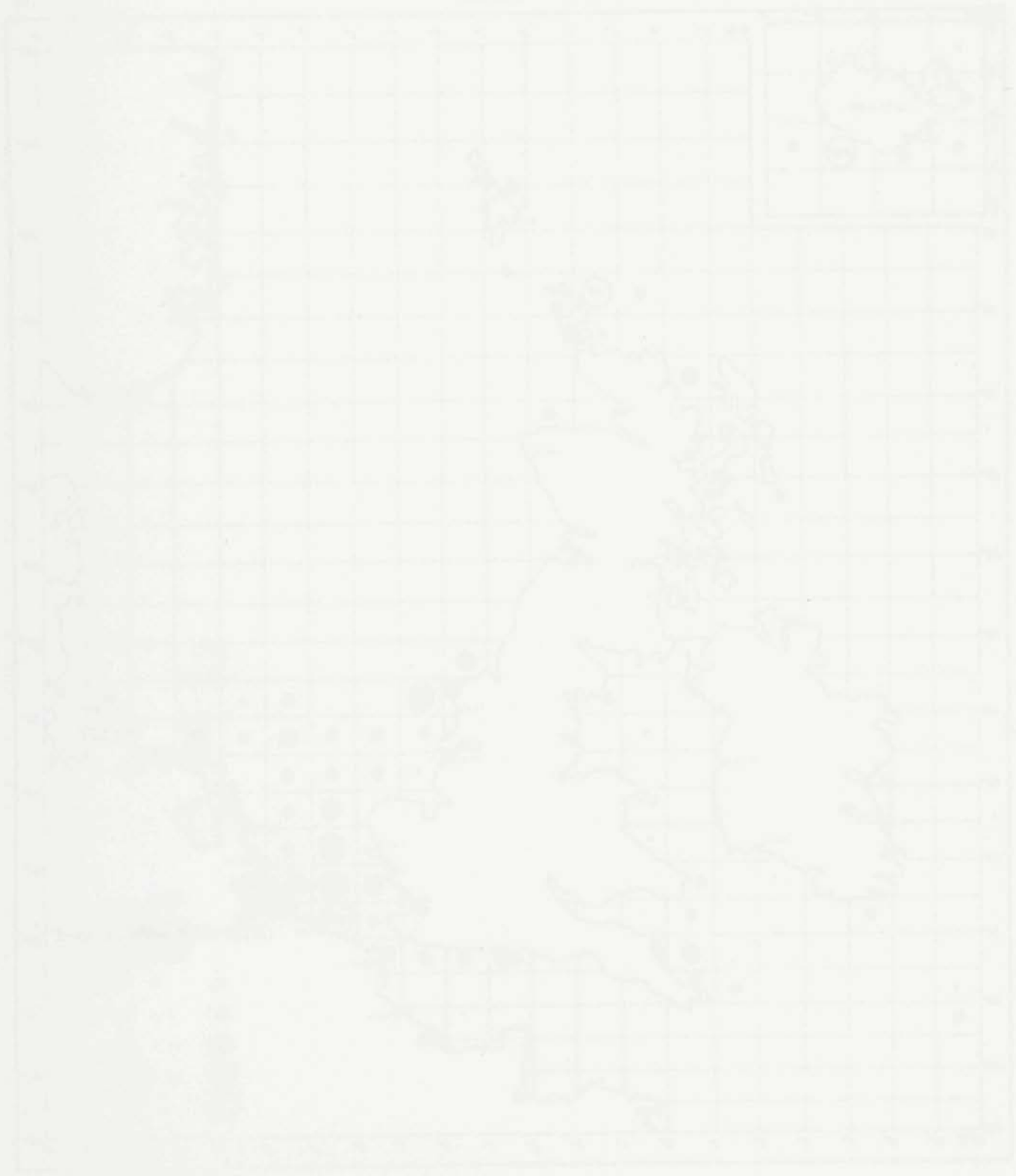


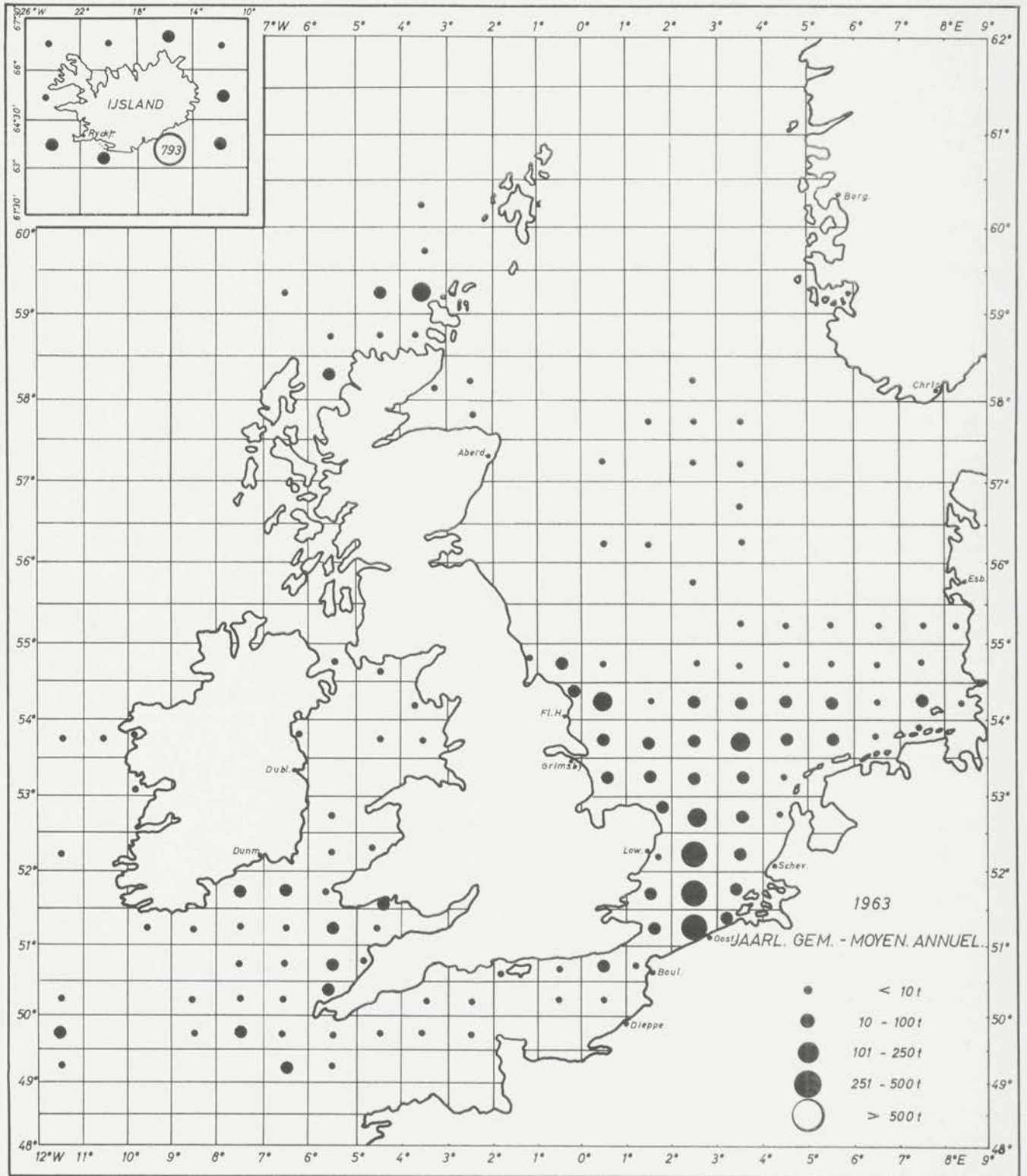
MAP OF INDIA



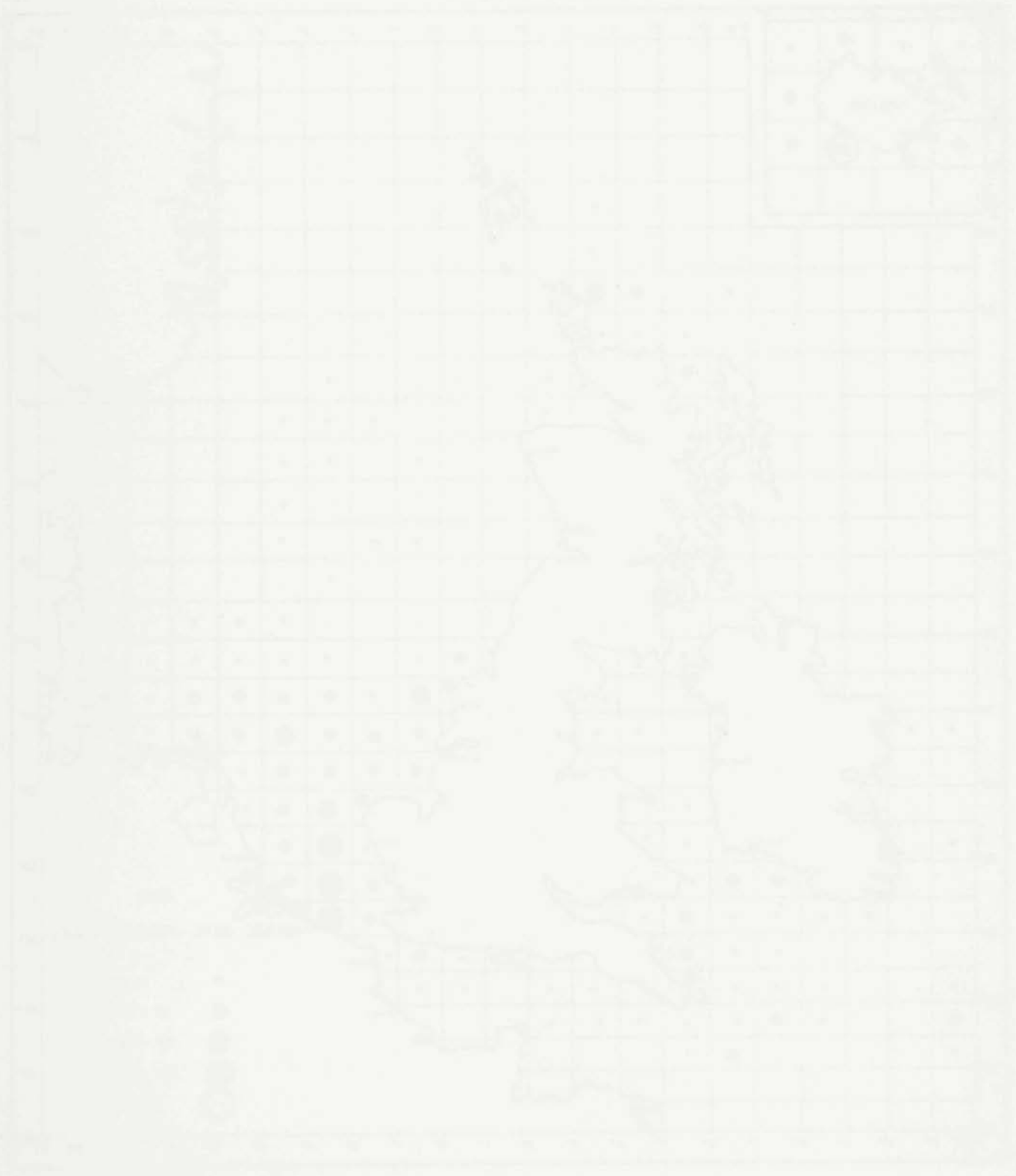


Map of the United States



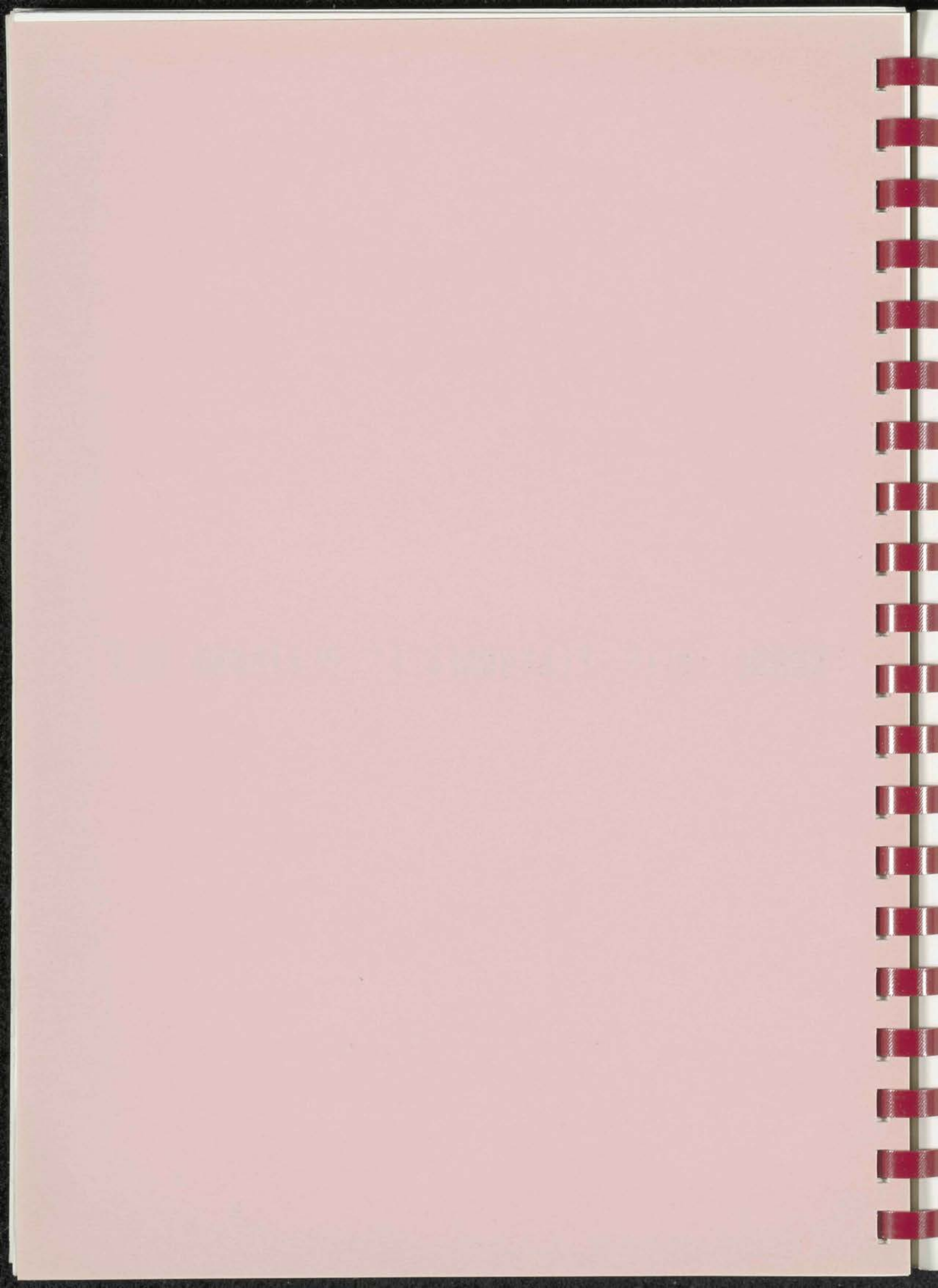


Map of the Pacific



Map of the Pacific

SCHOL - PLIE - PLEURONECTES PLATESSA (L.)



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

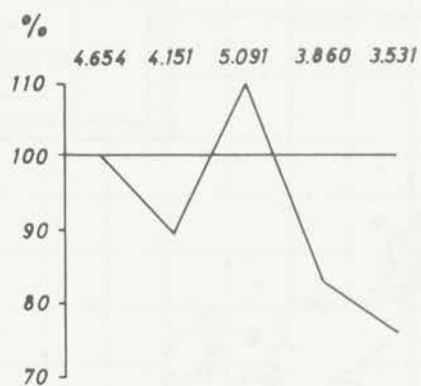
Tableau I - PLIE- Répartition des pêches annuelles d'après les régions (1)

| 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

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SCHOL - PLIE

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

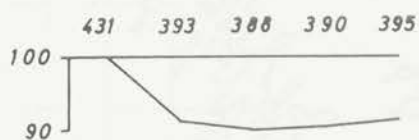


Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navires en activité

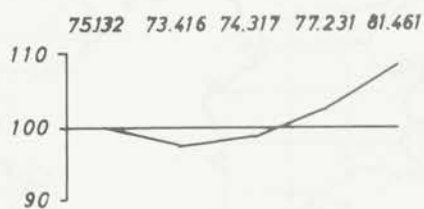


Fig. 3. Drijfkracht (pk)
Force motrice (cx)

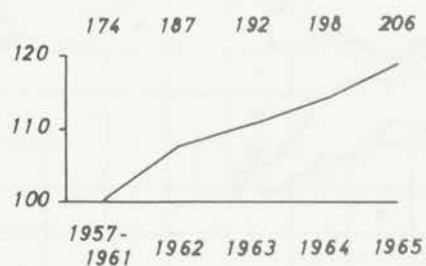


Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cx par navire

1975 - 1976

1977 - 1978

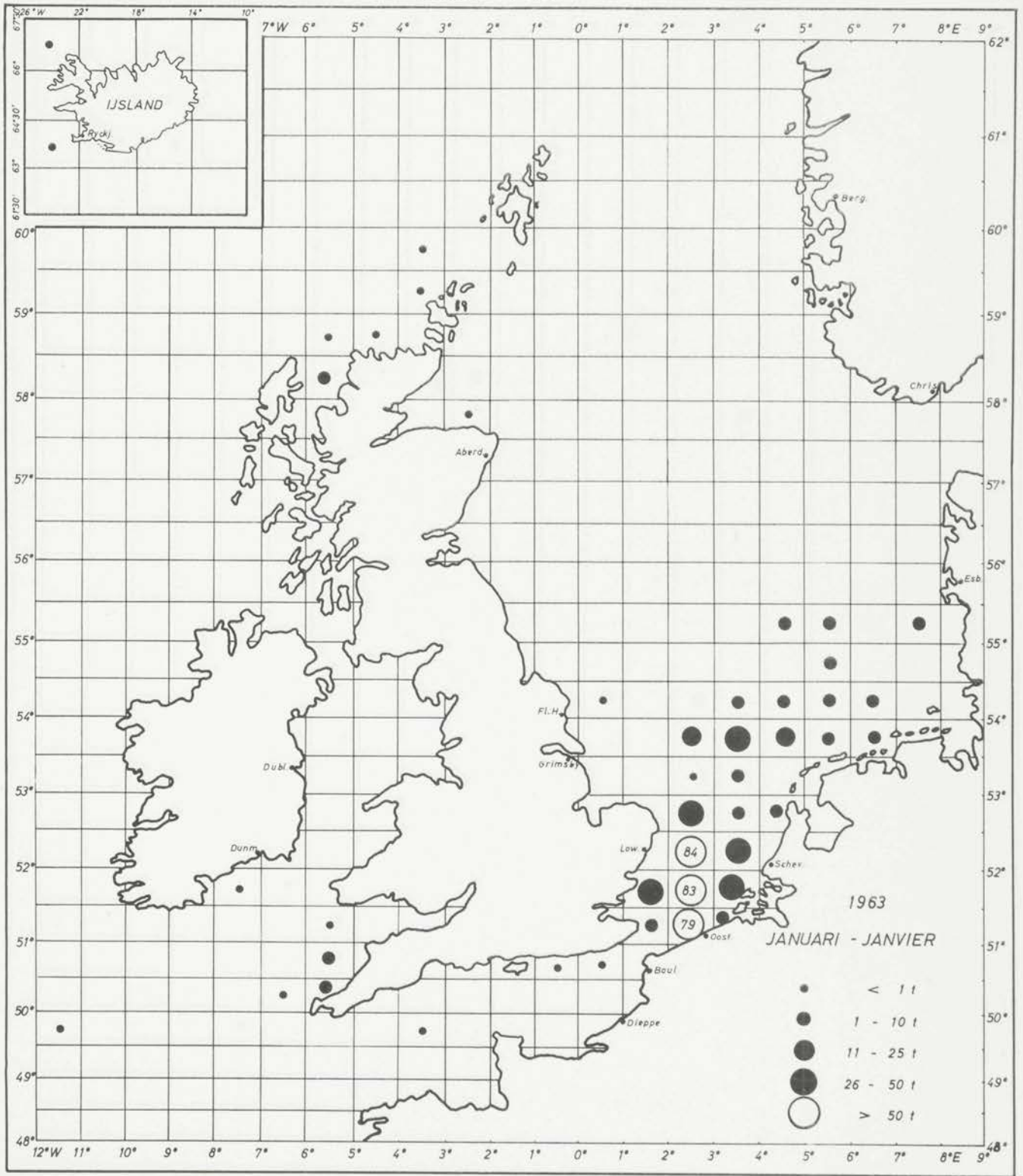
1979 - 1980

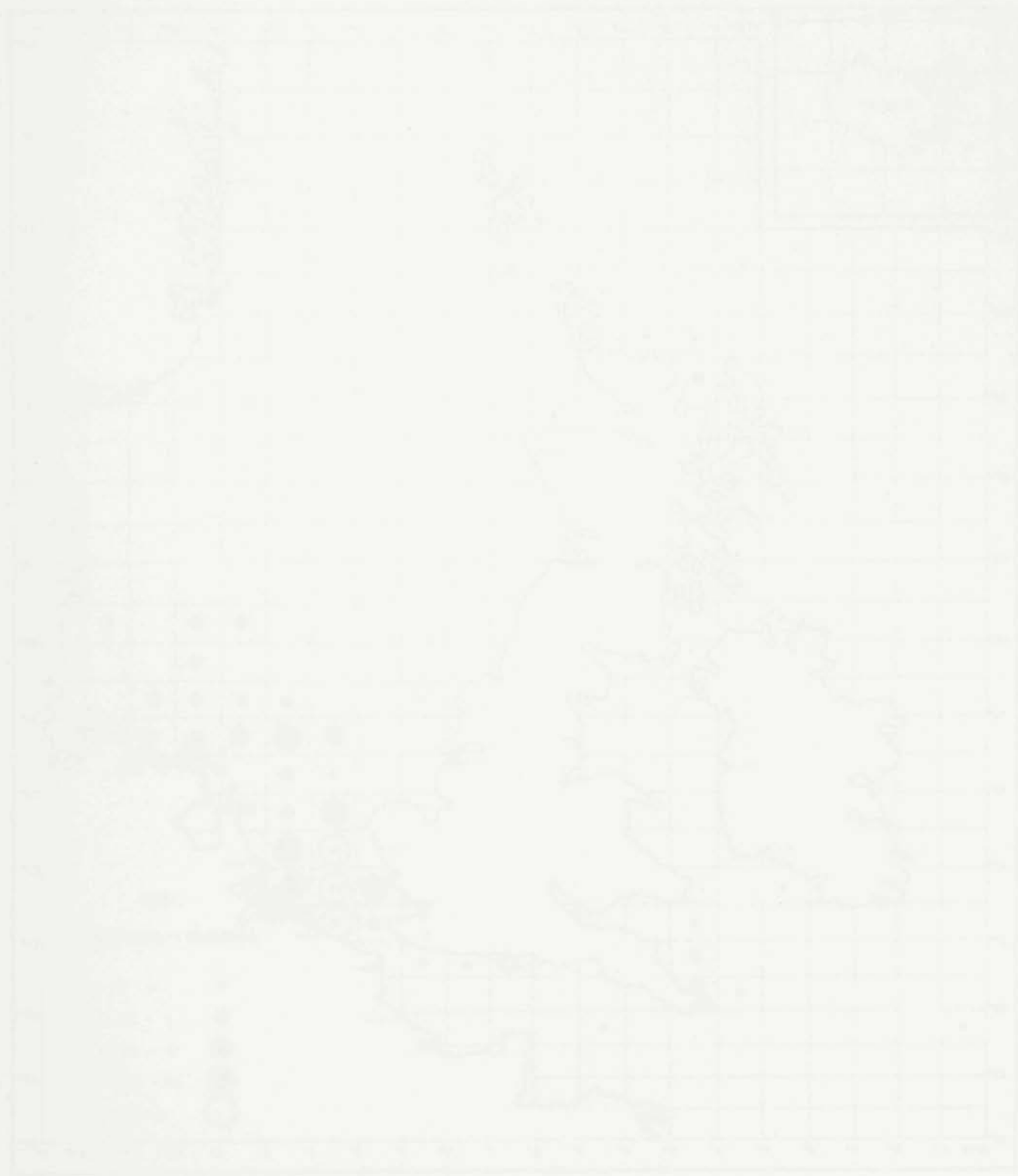
1981 - 1982

1983 - 1984

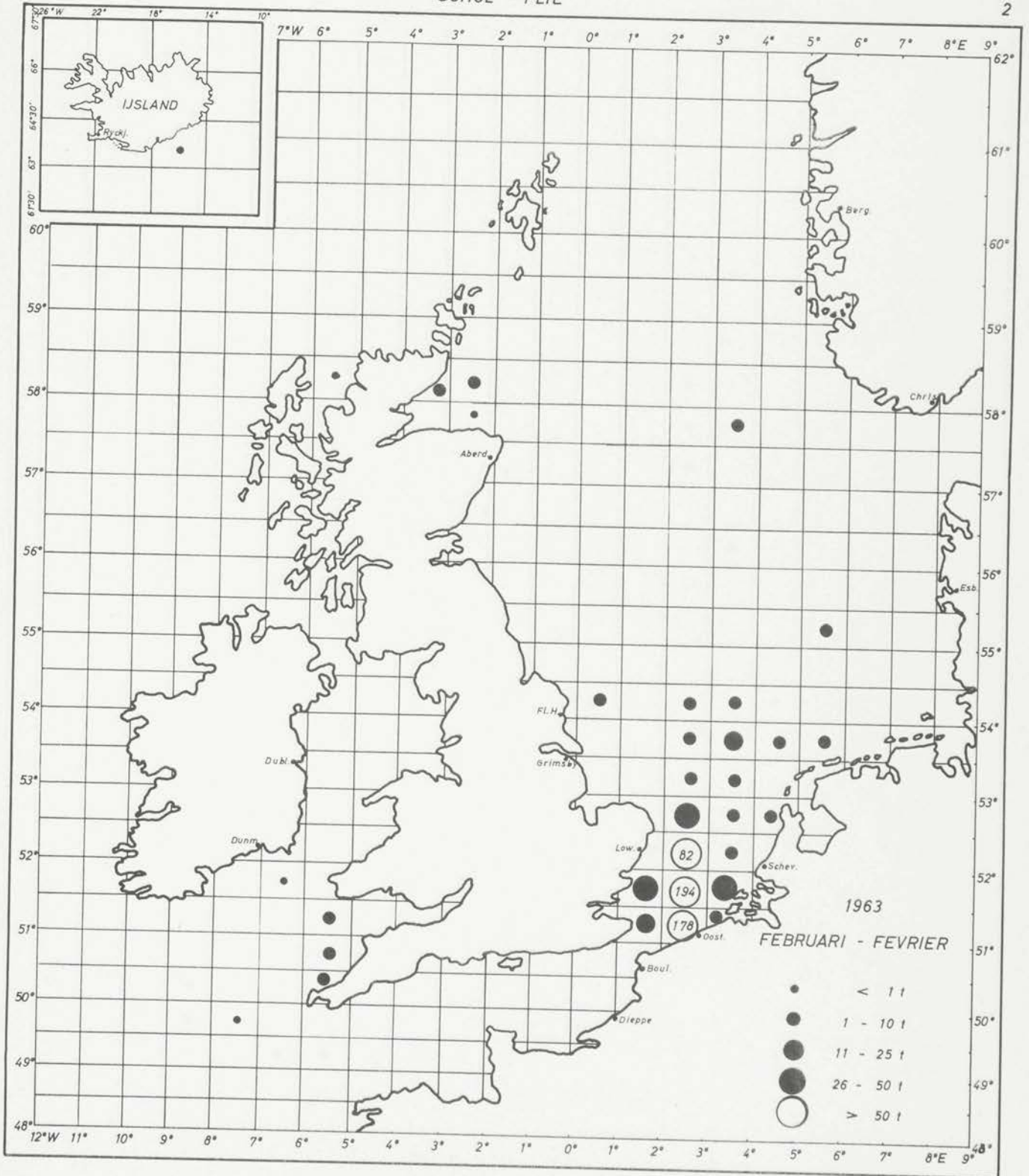


SCHOL - PLIE

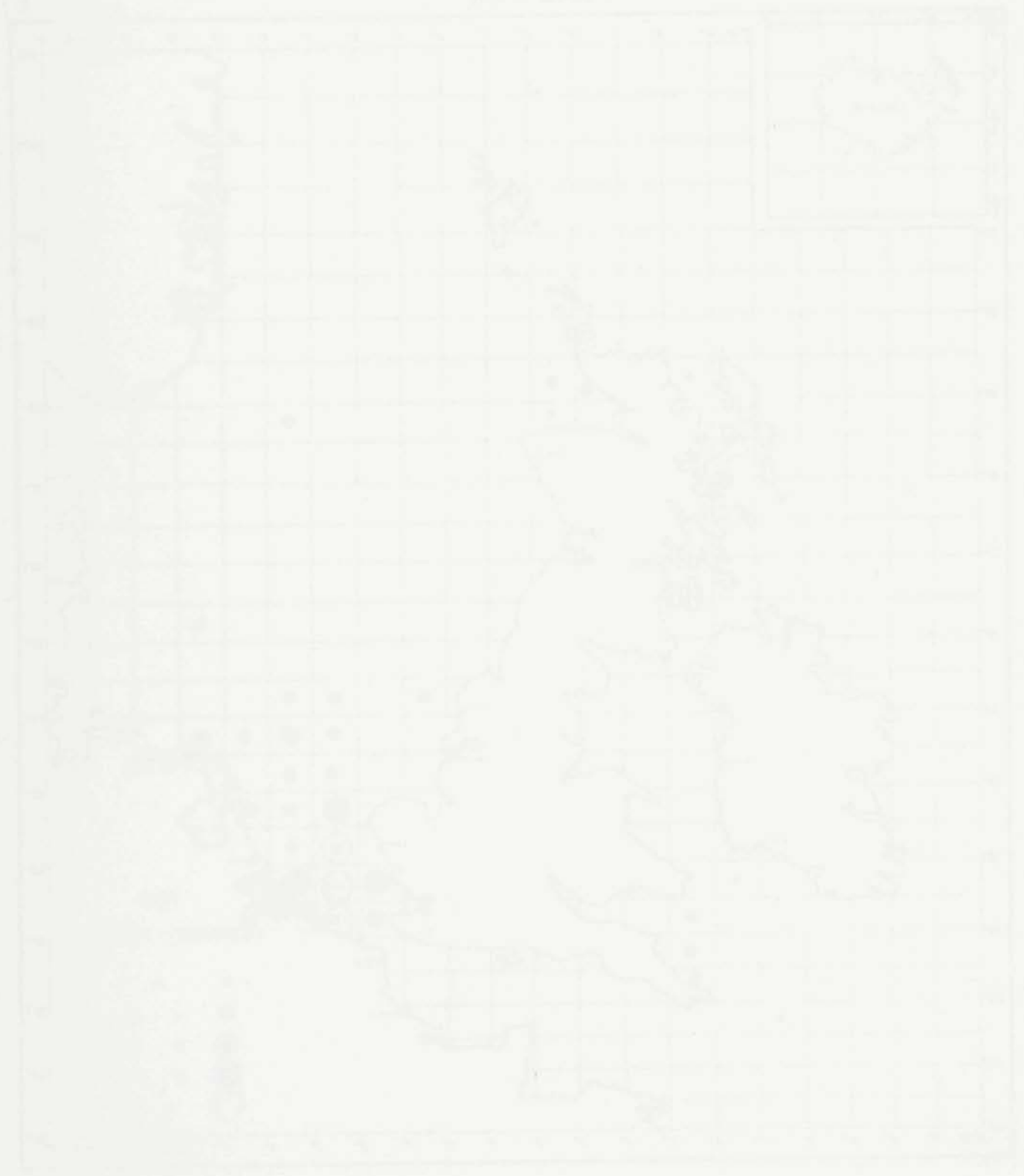


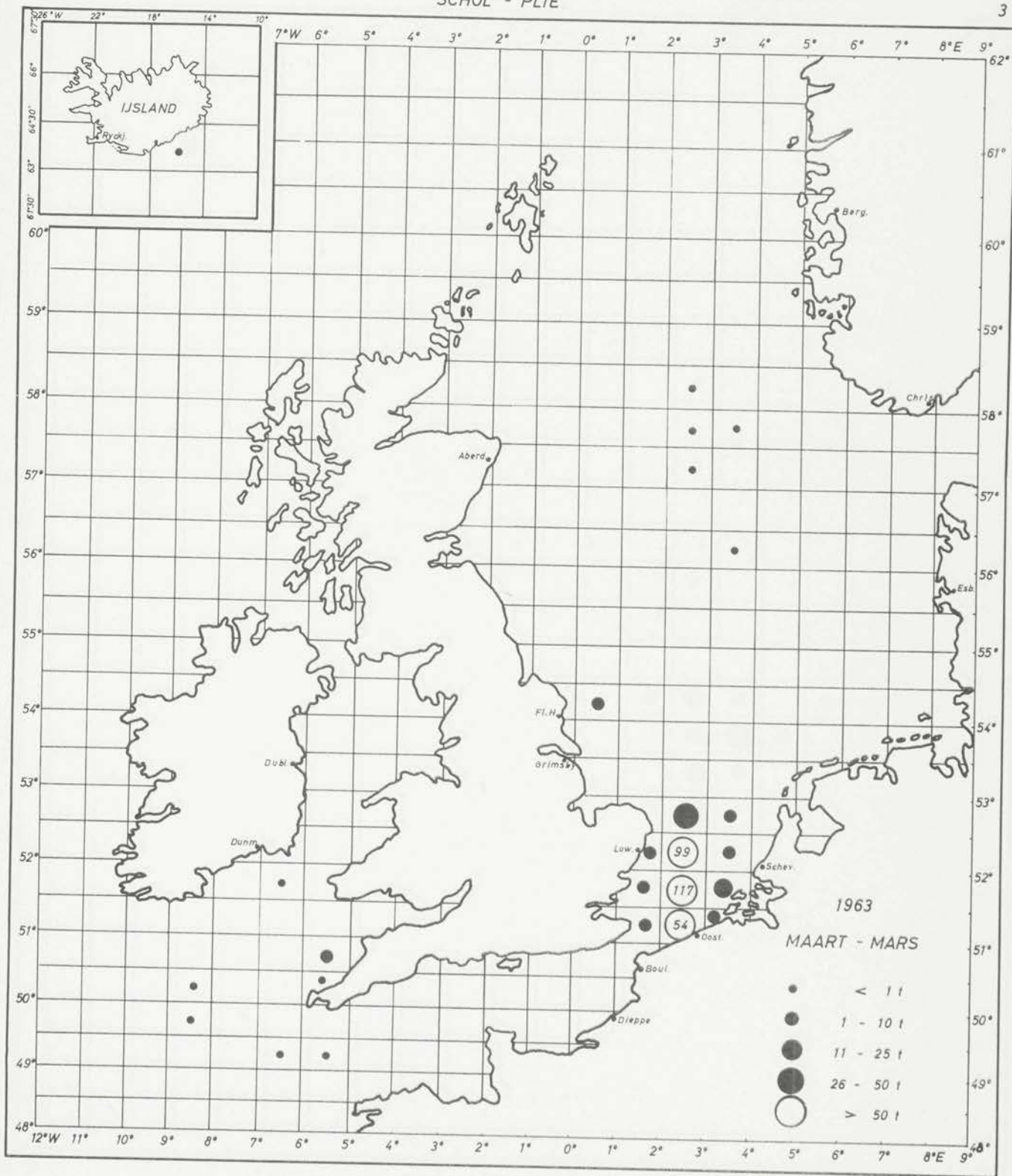


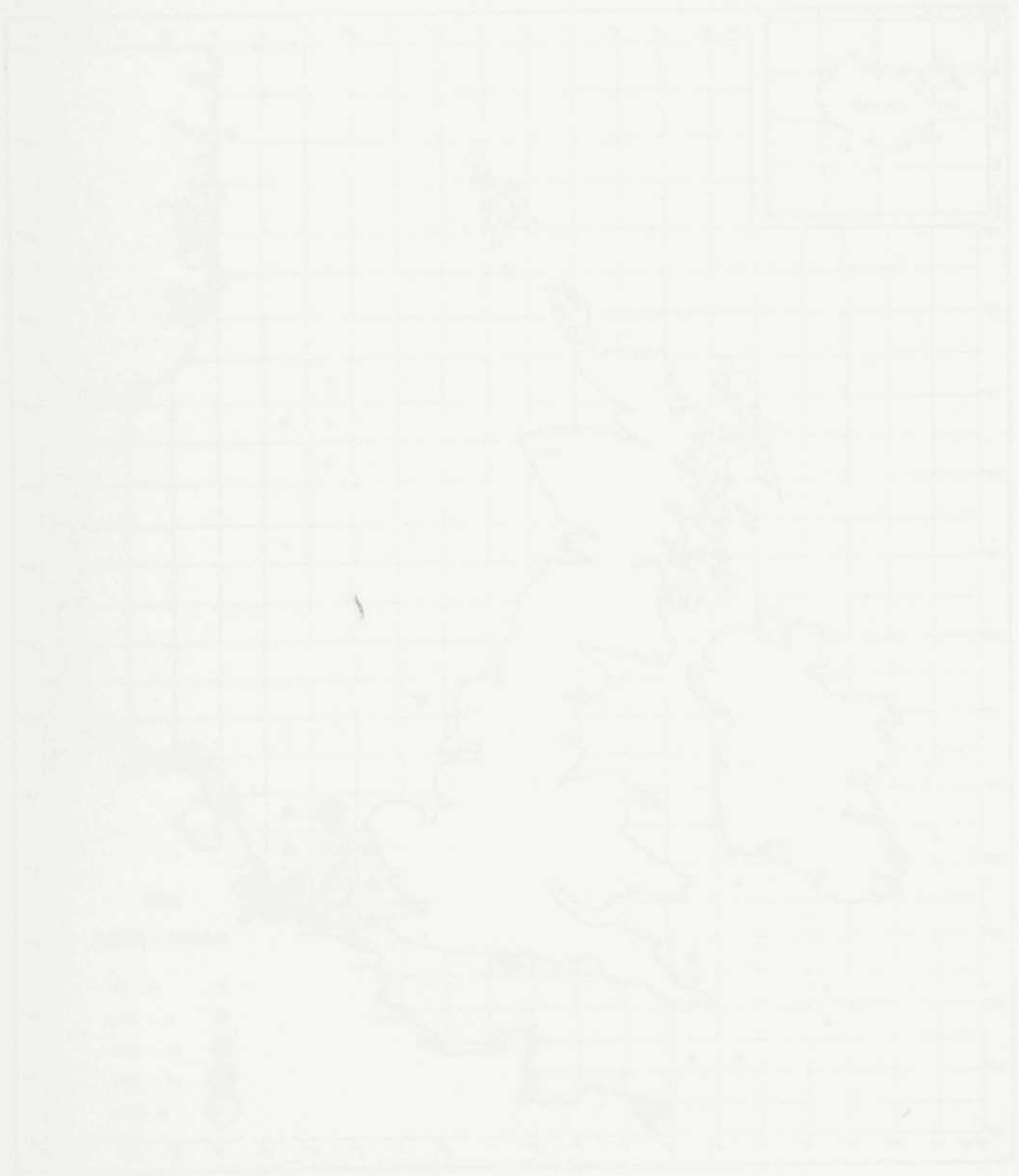
SCHOL - PLIE



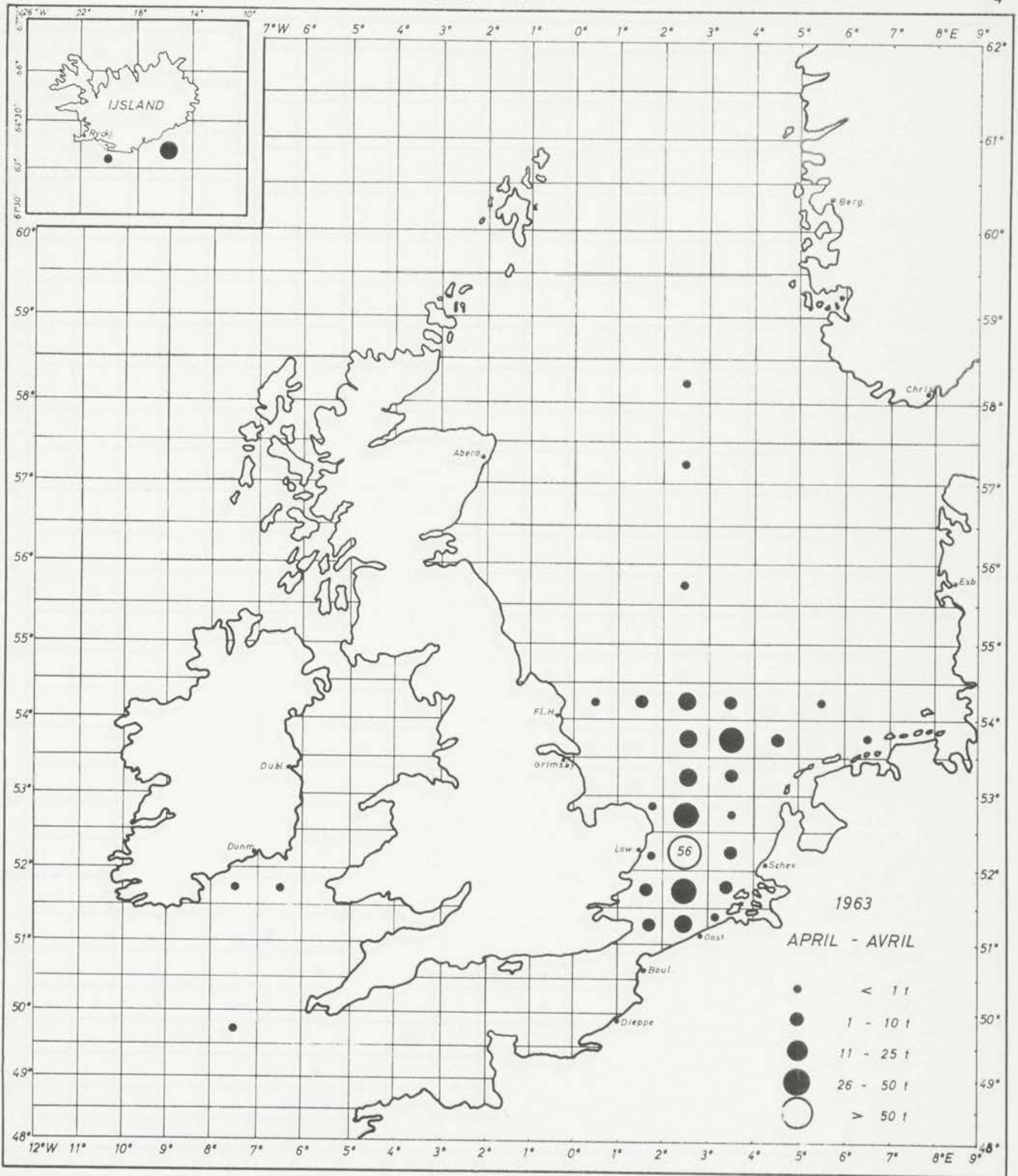
1978 - 1984



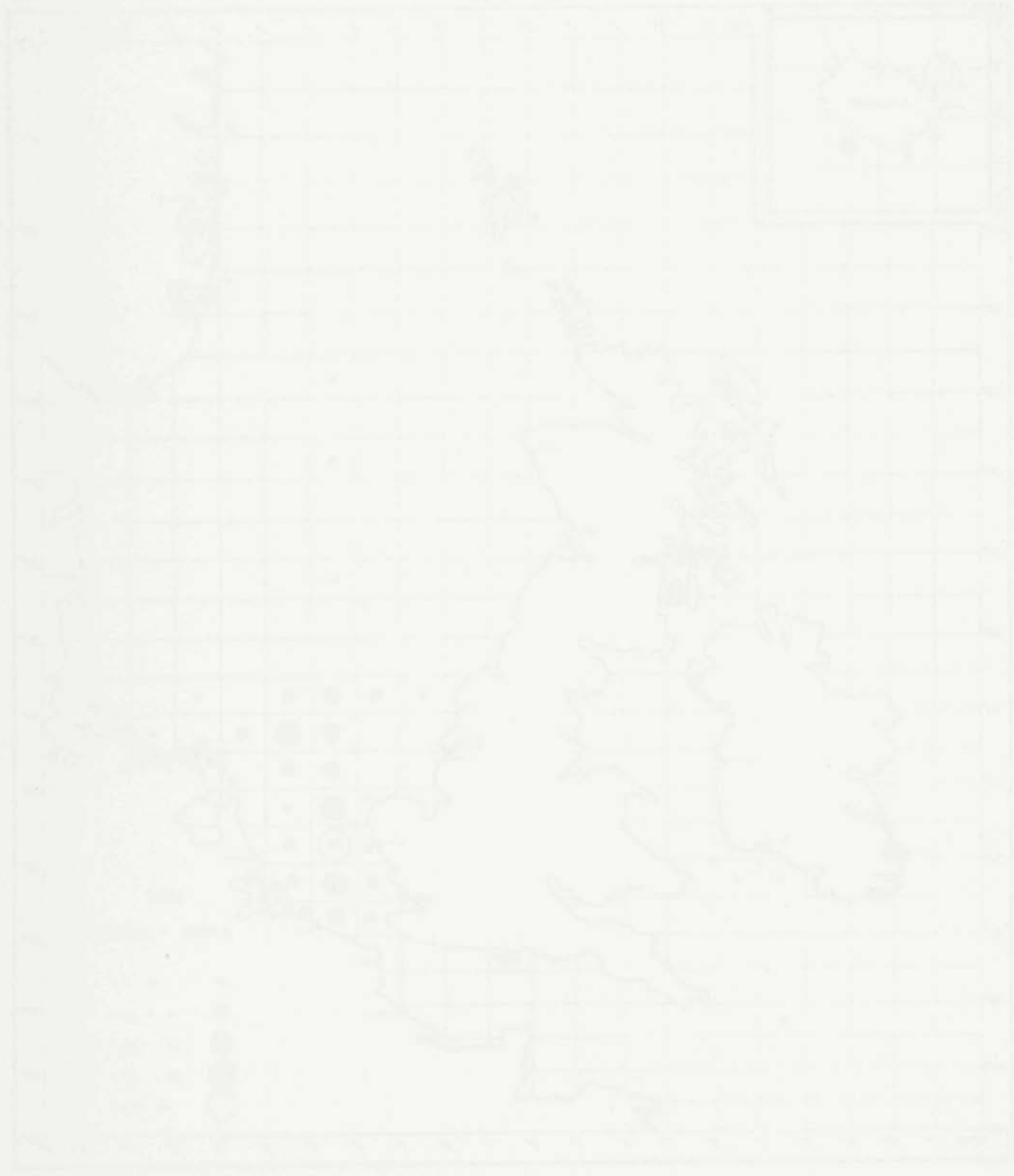


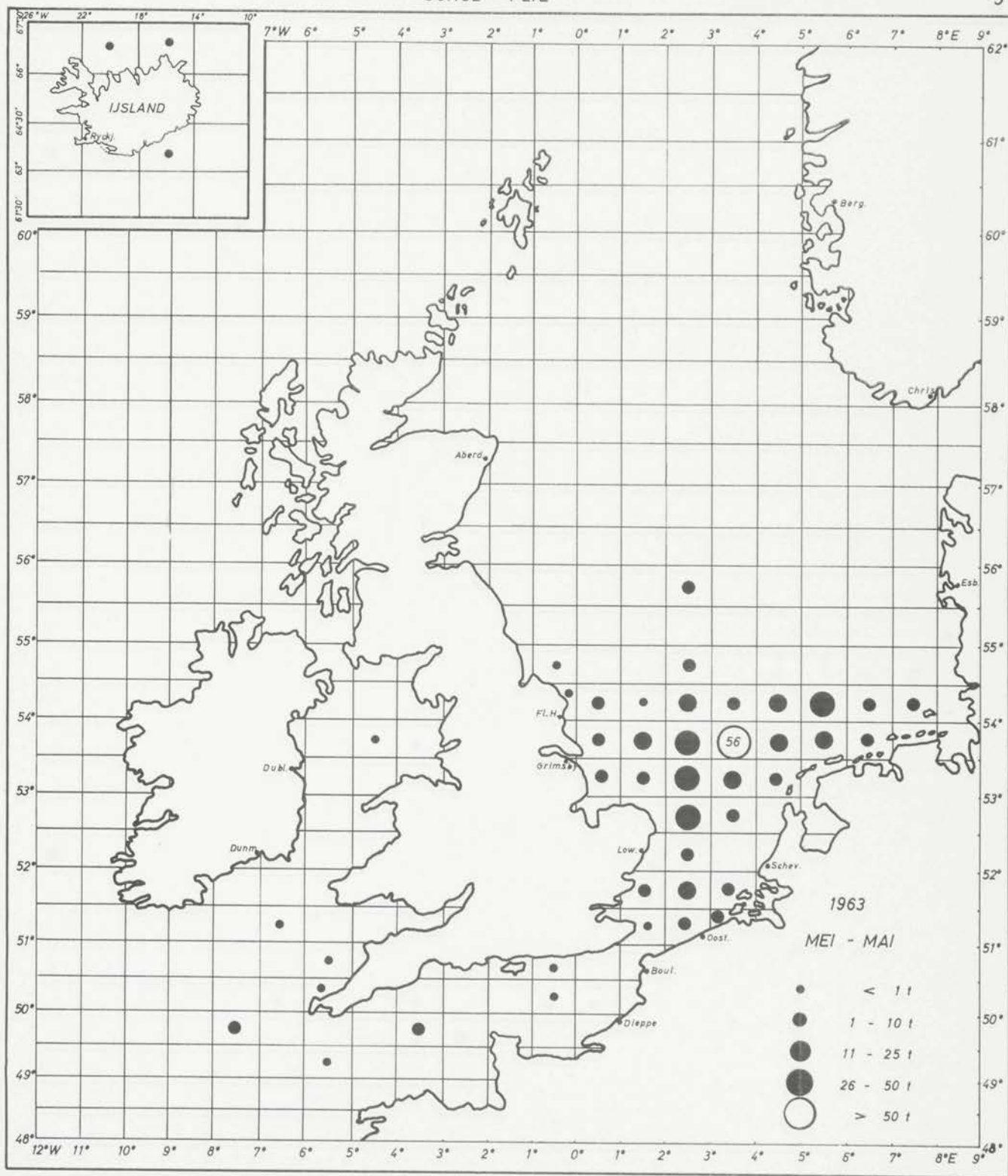


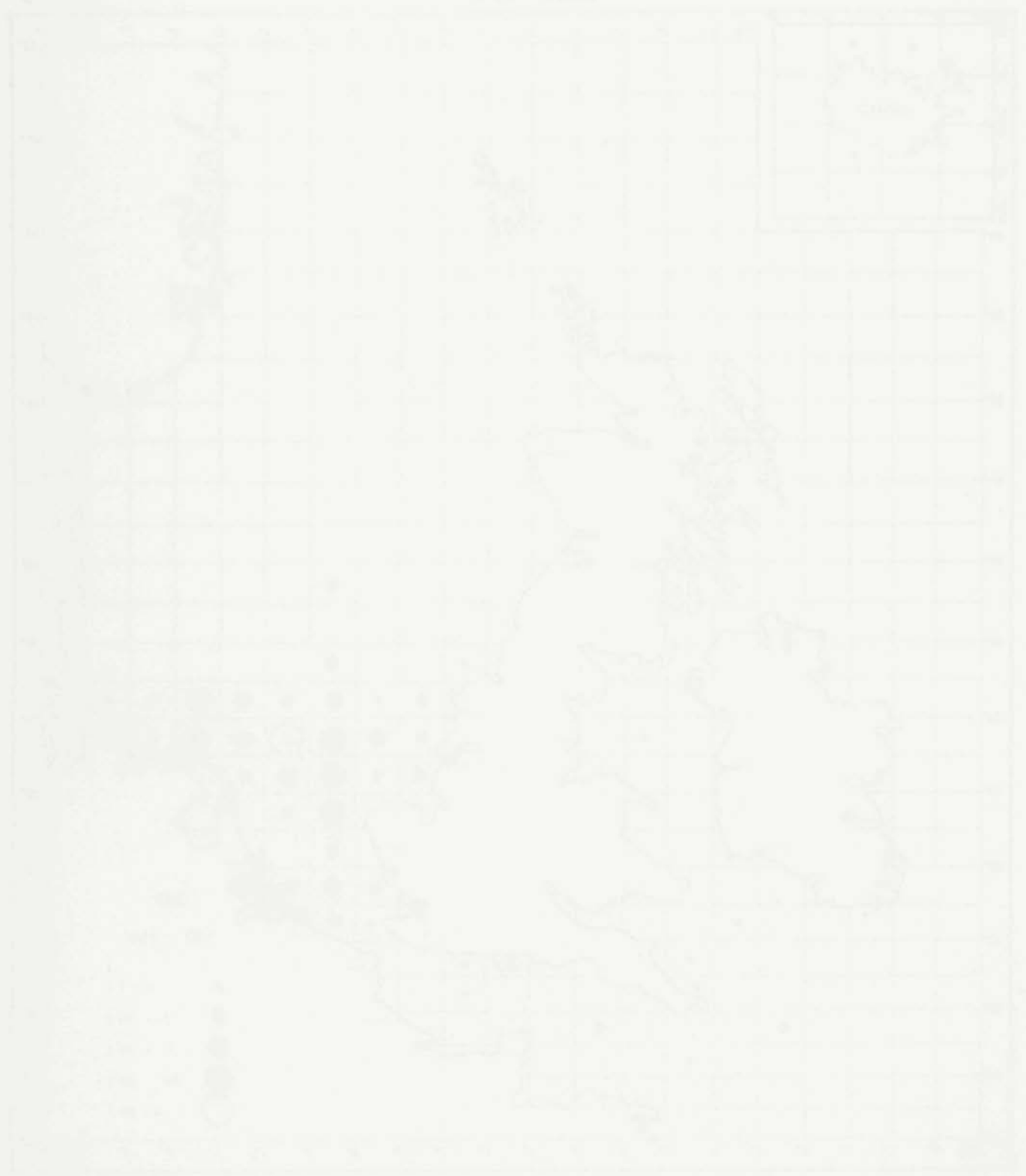
SCHOL - PLIE



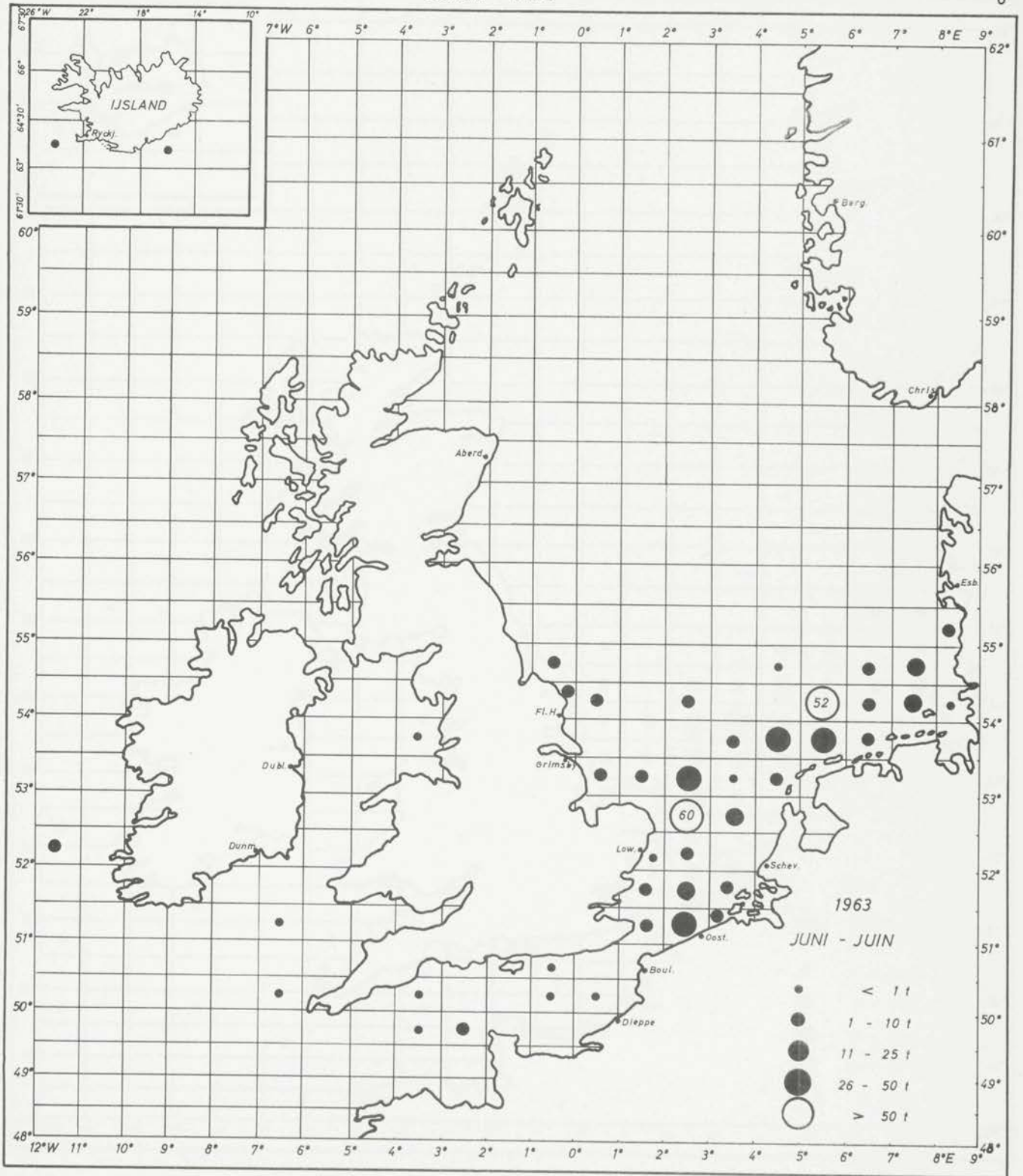
Map - 1947

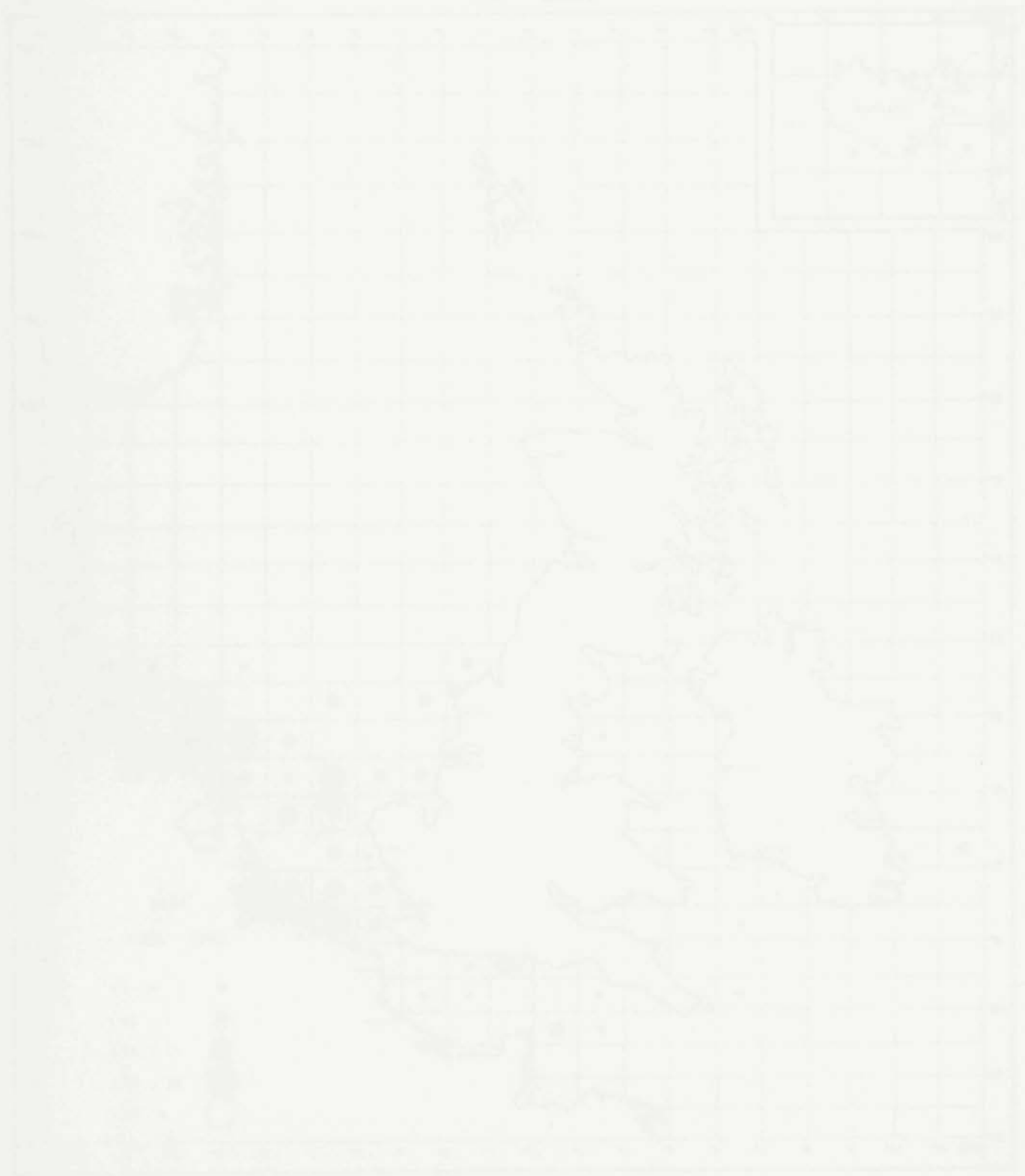


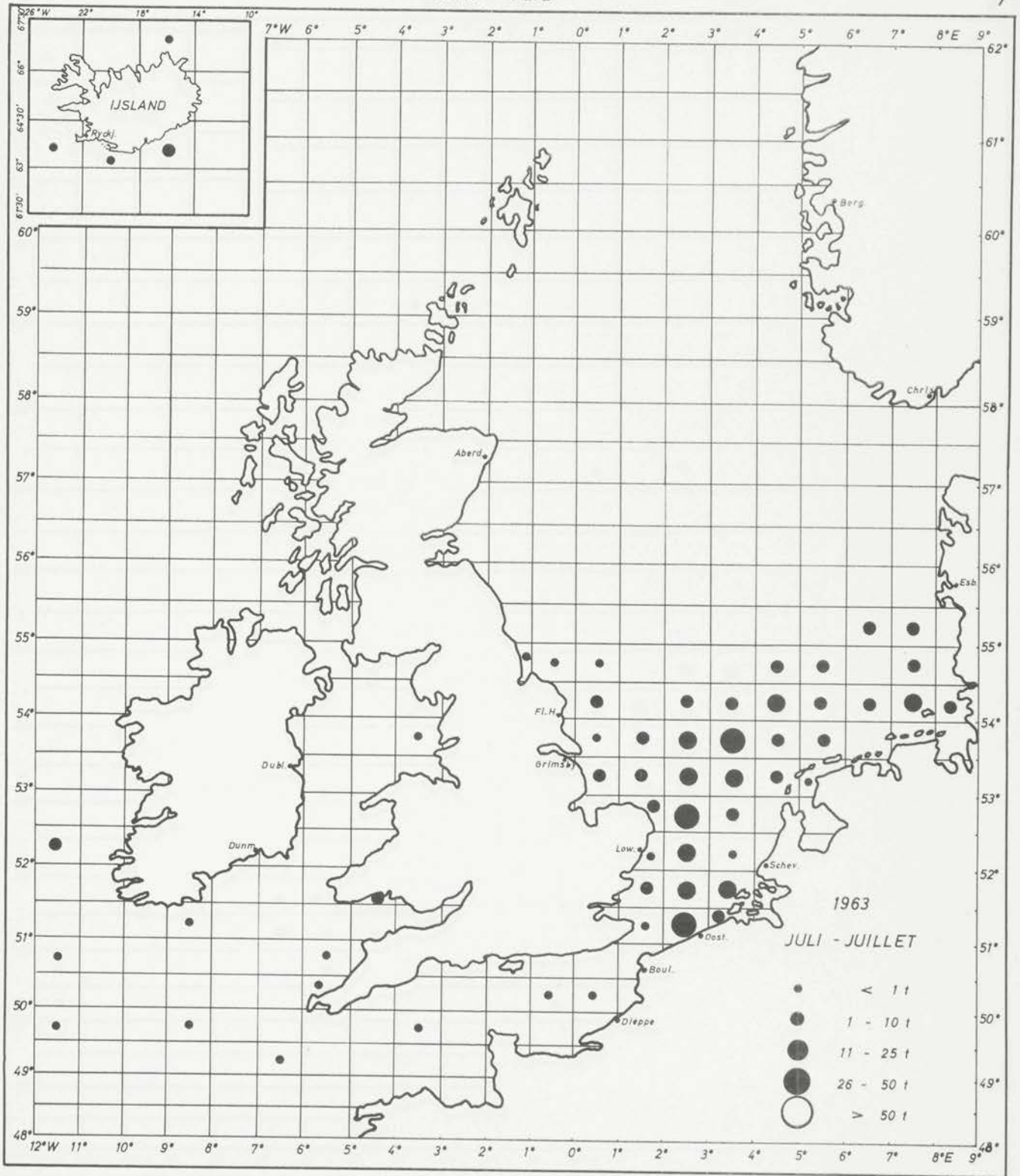


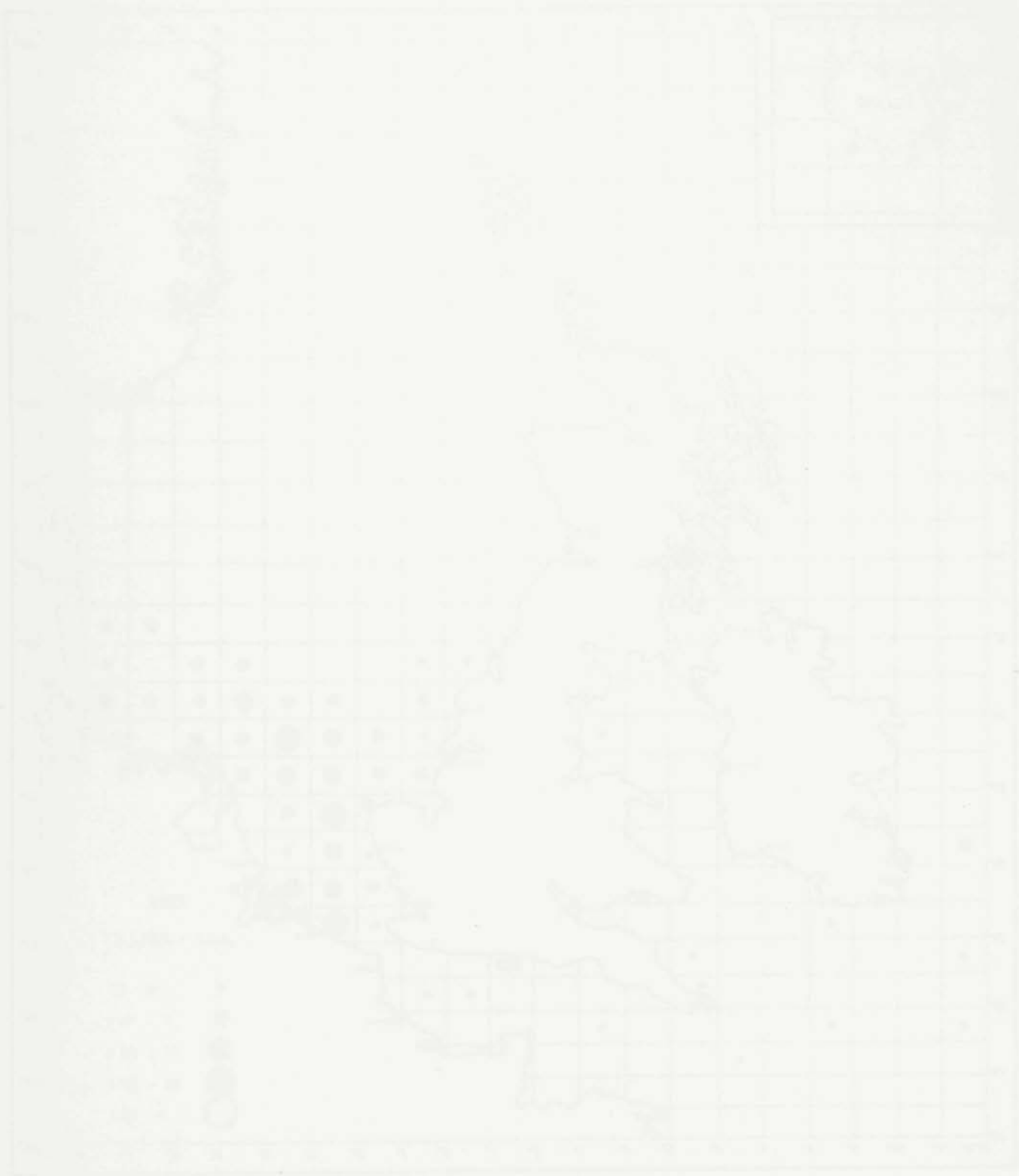


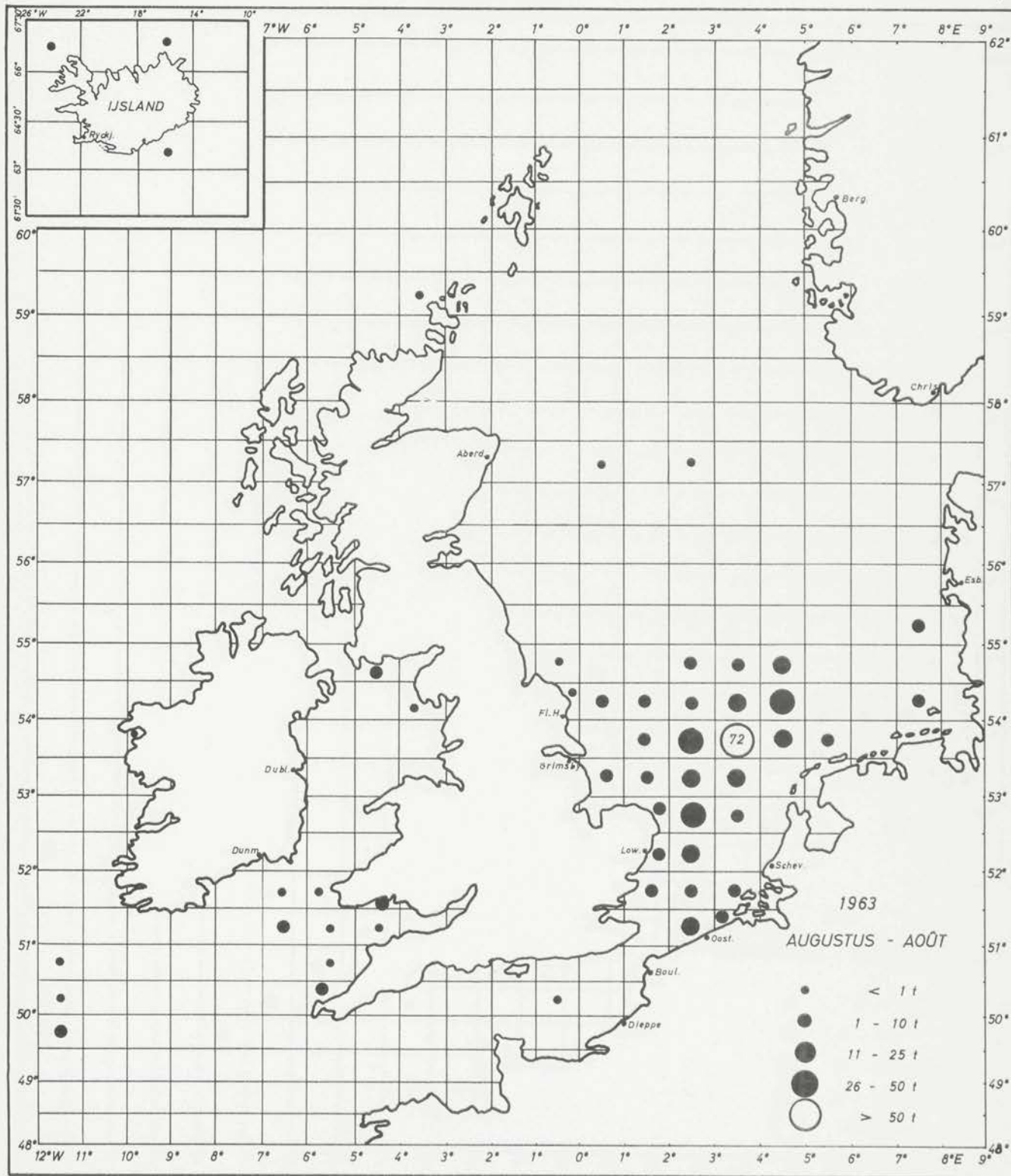
SCHOL - PLIE

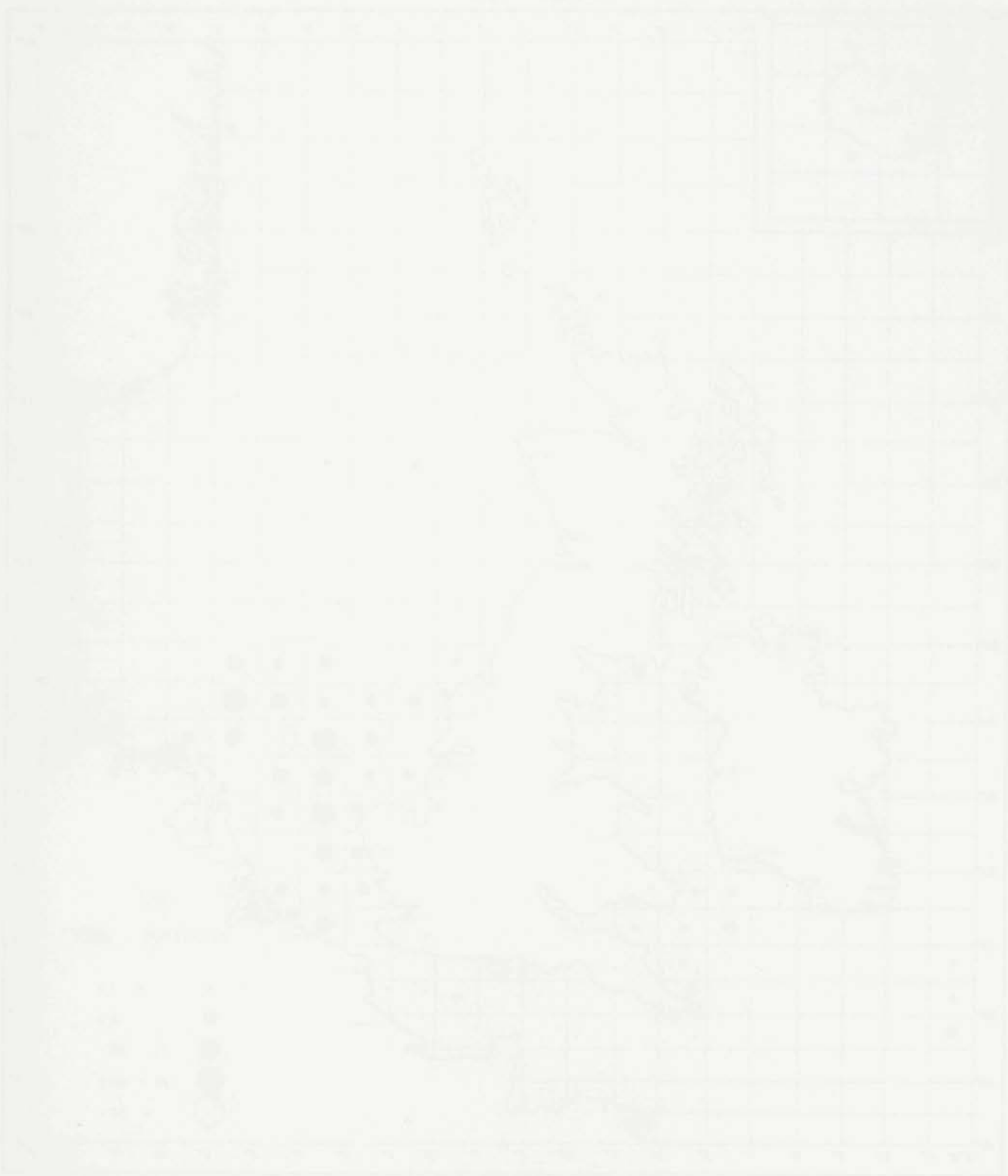




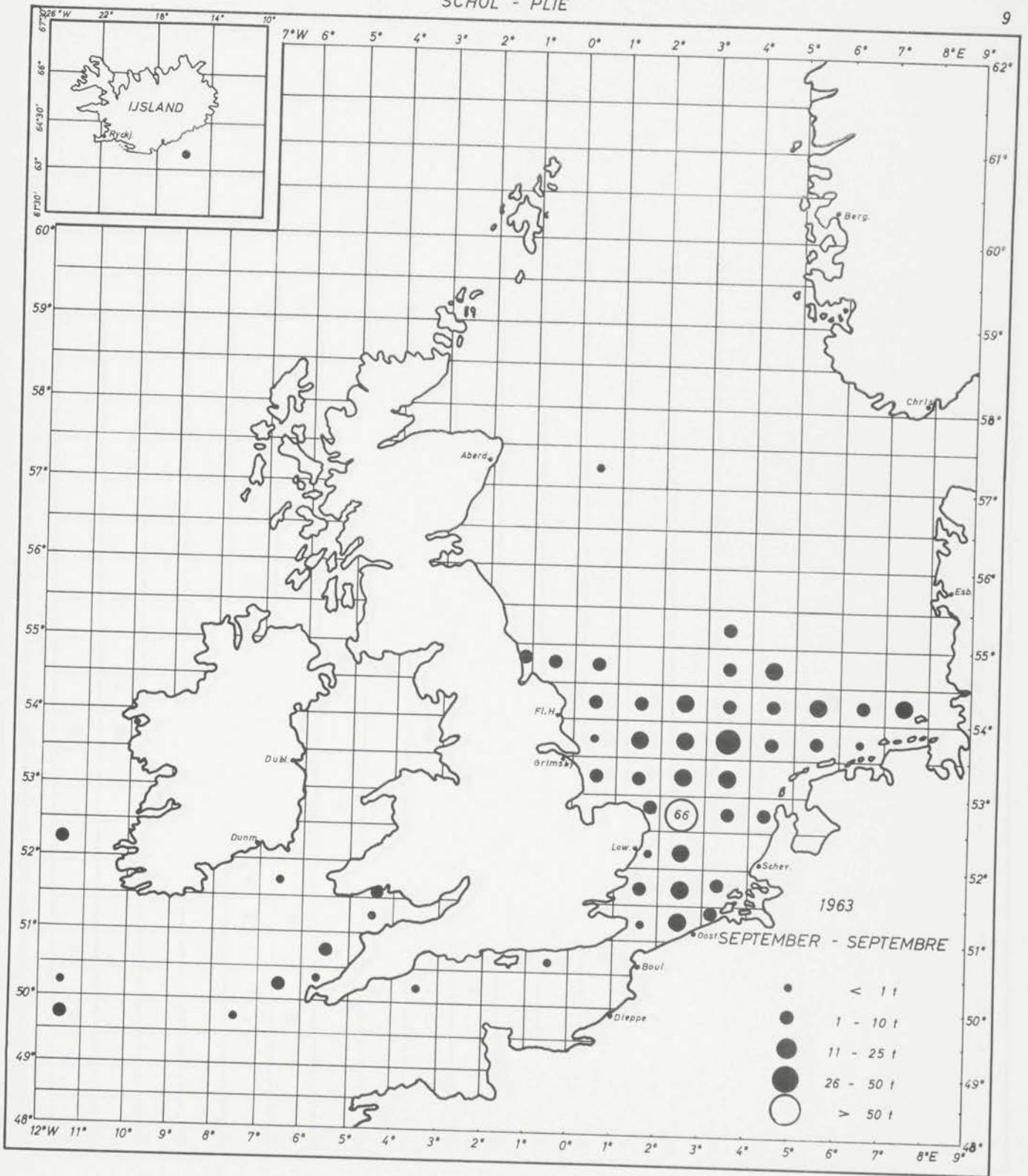




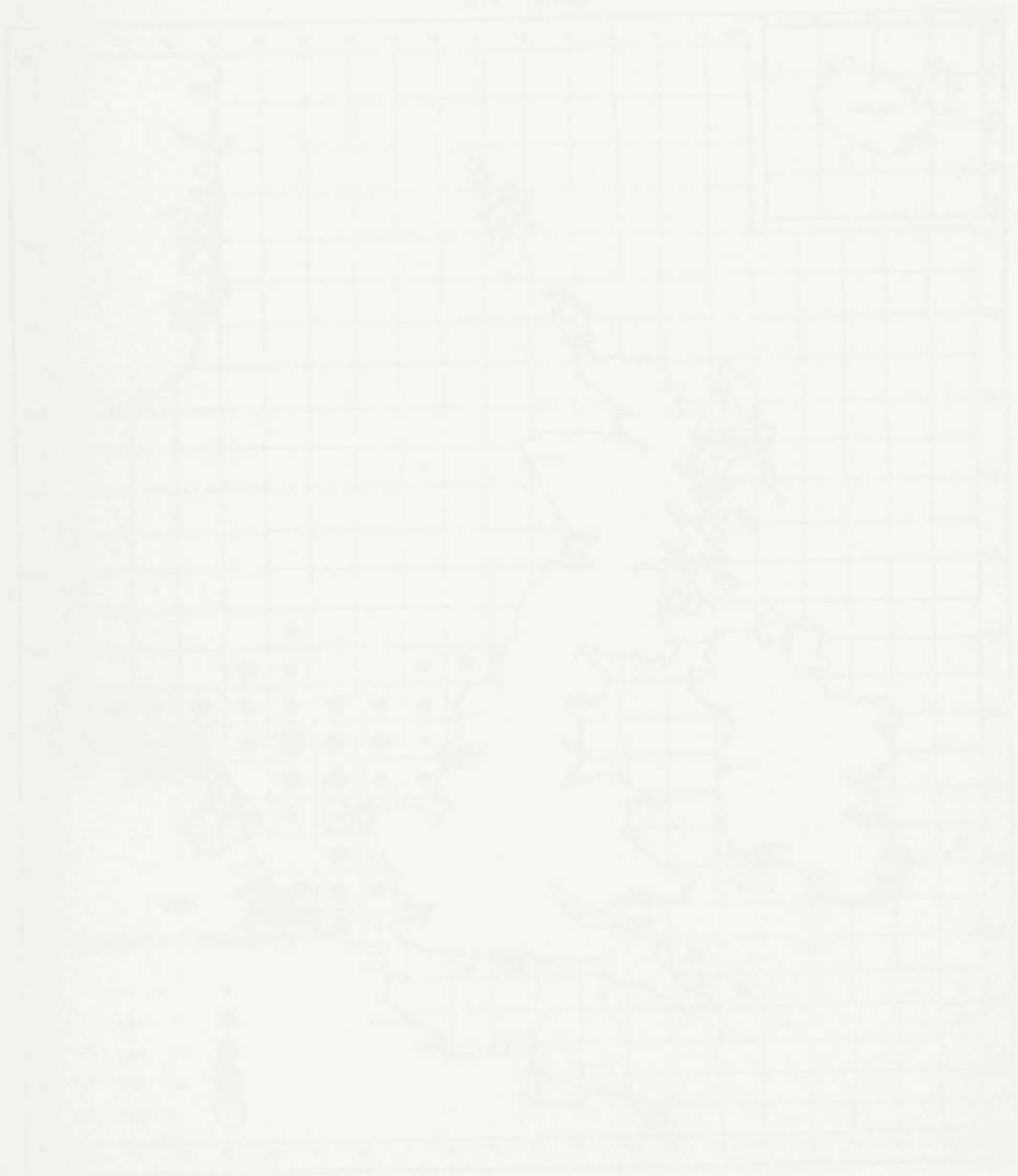


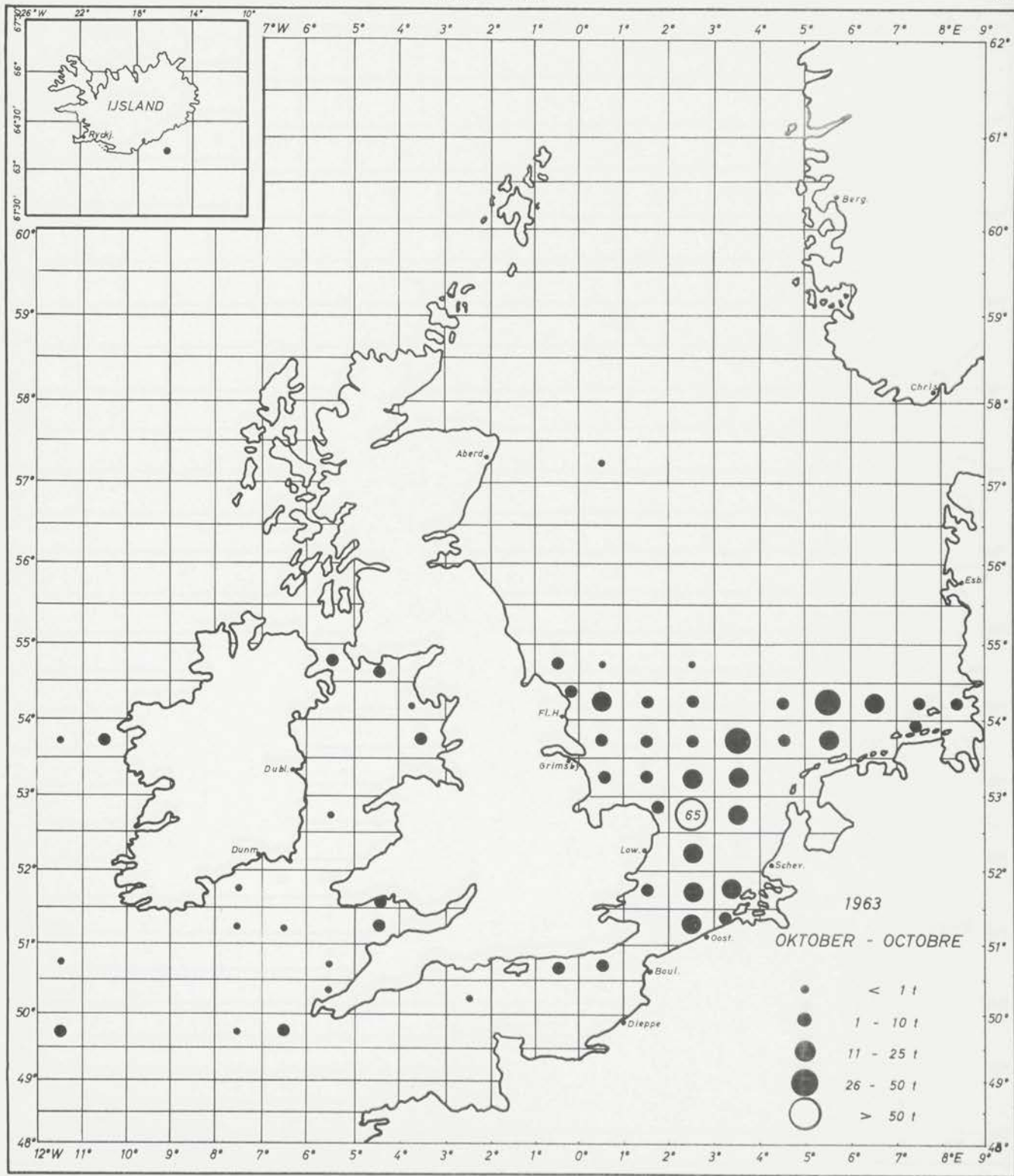


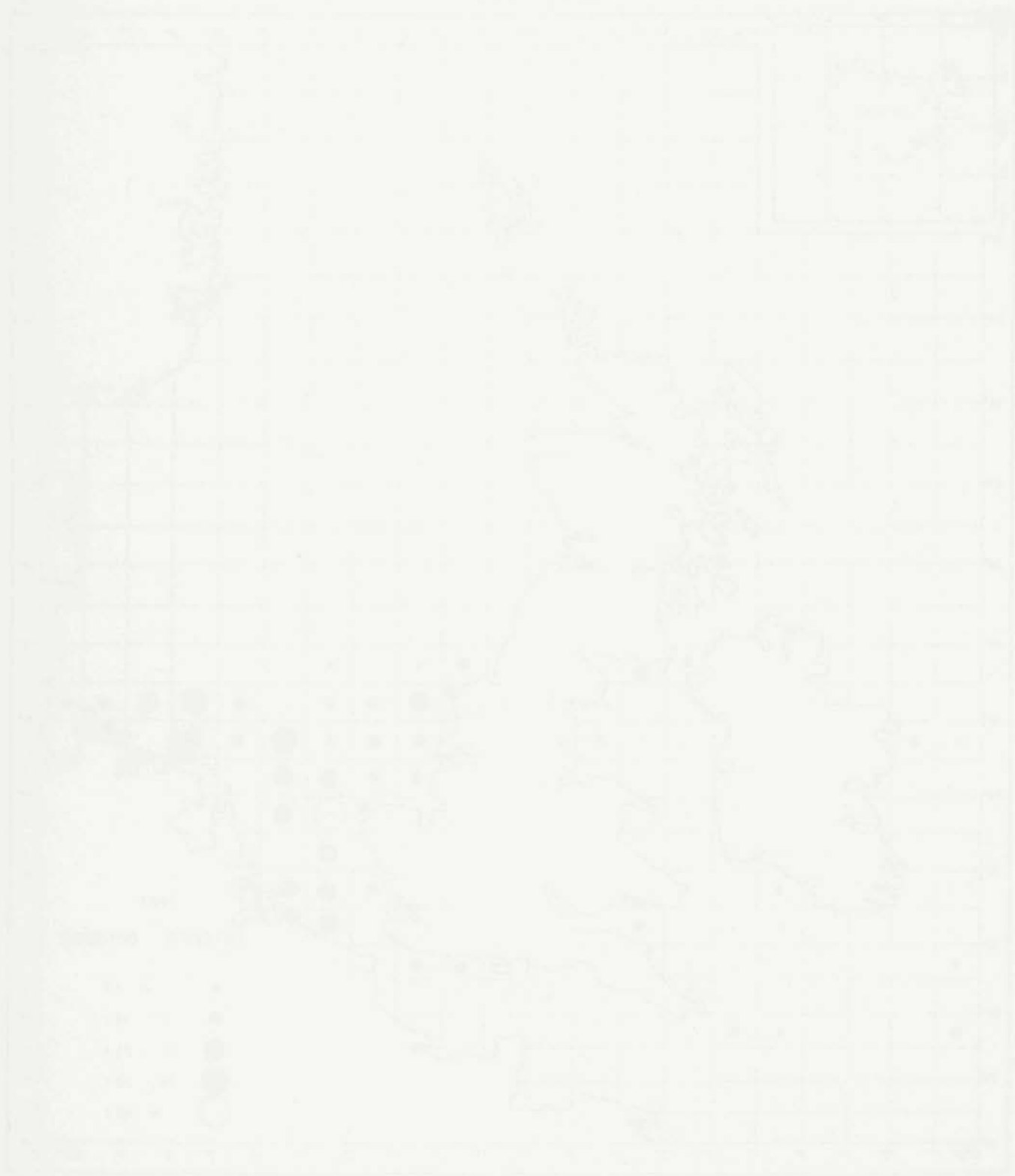
SCHOL - PLIE

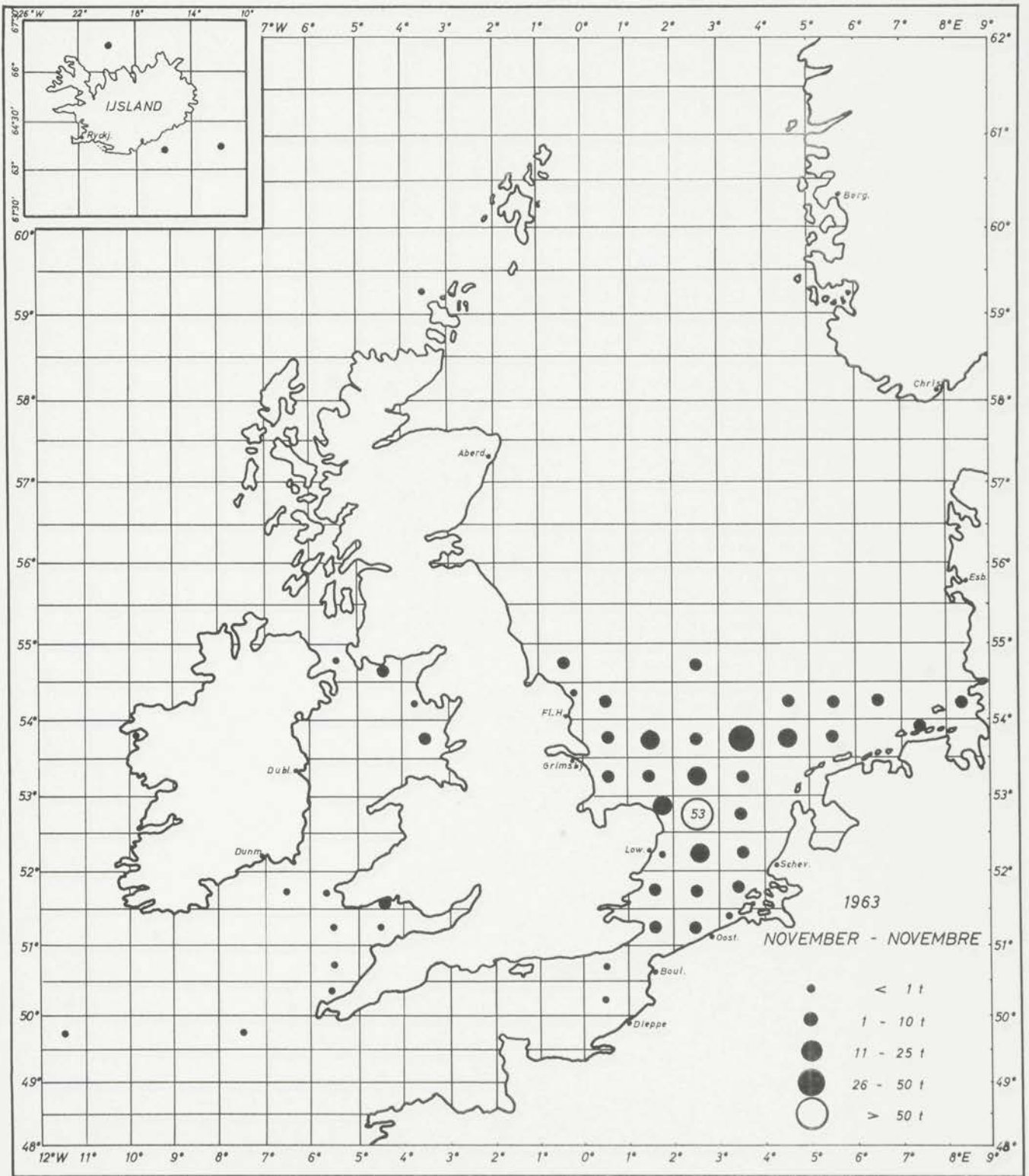


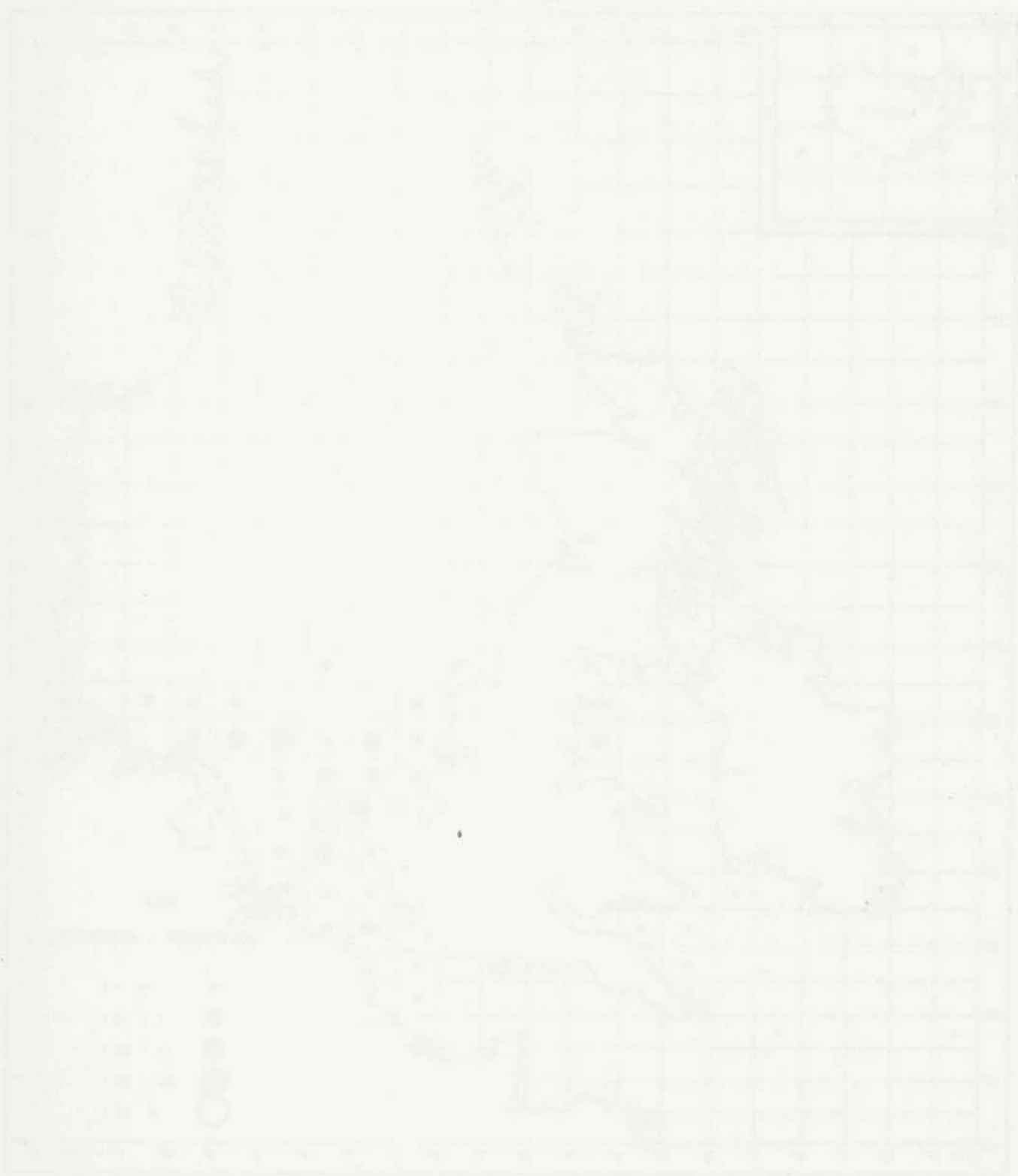
1974 1974

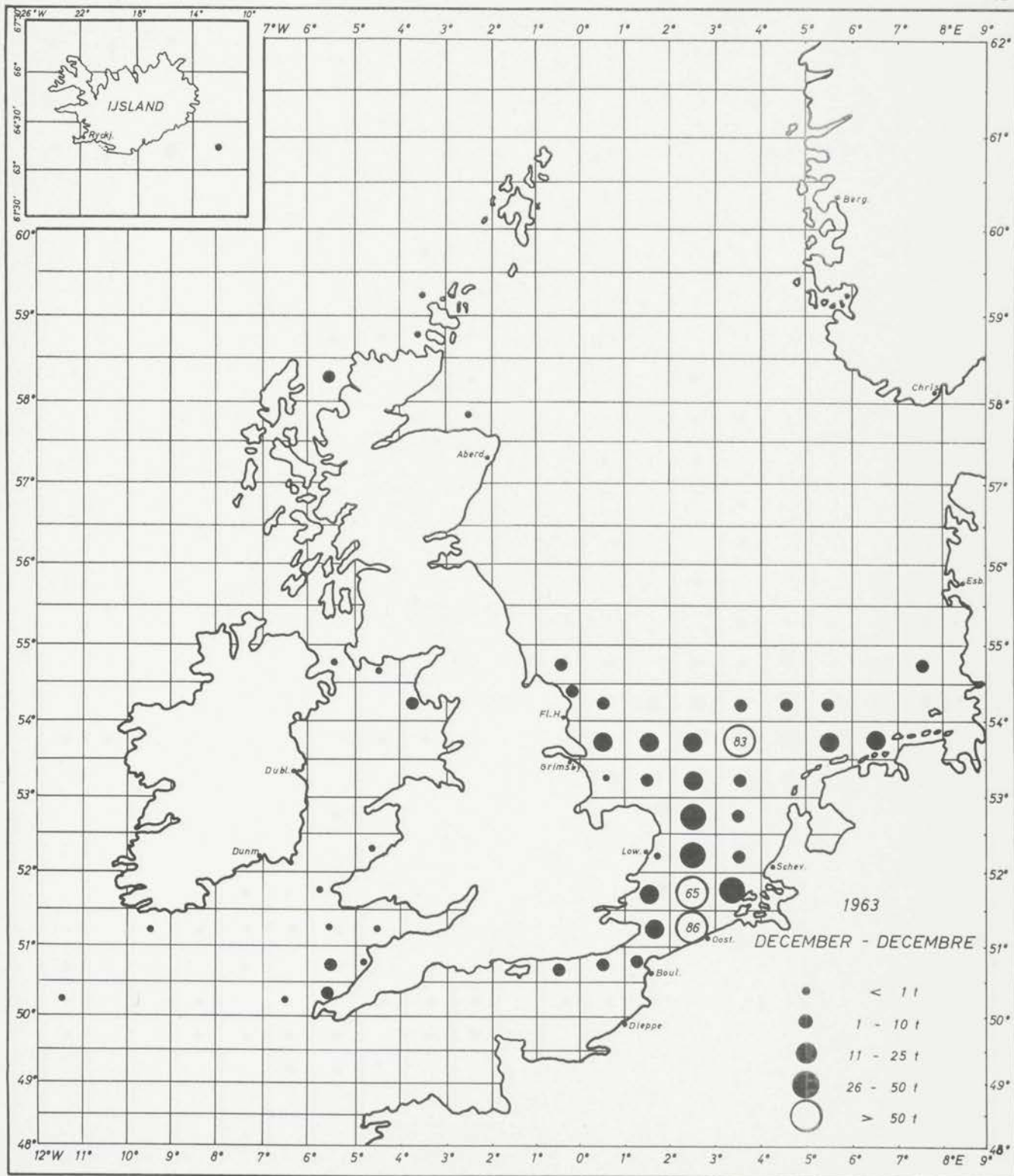




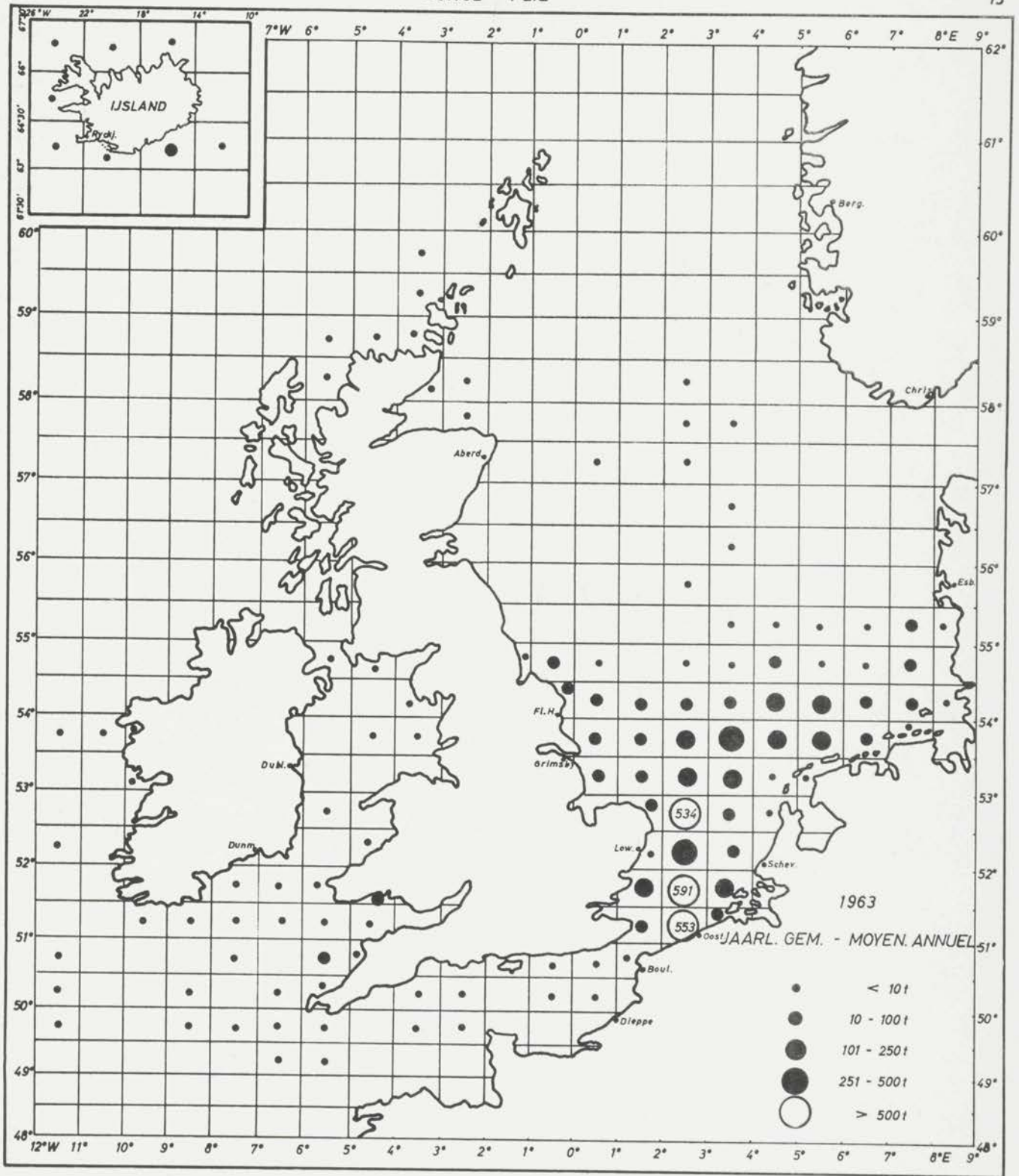


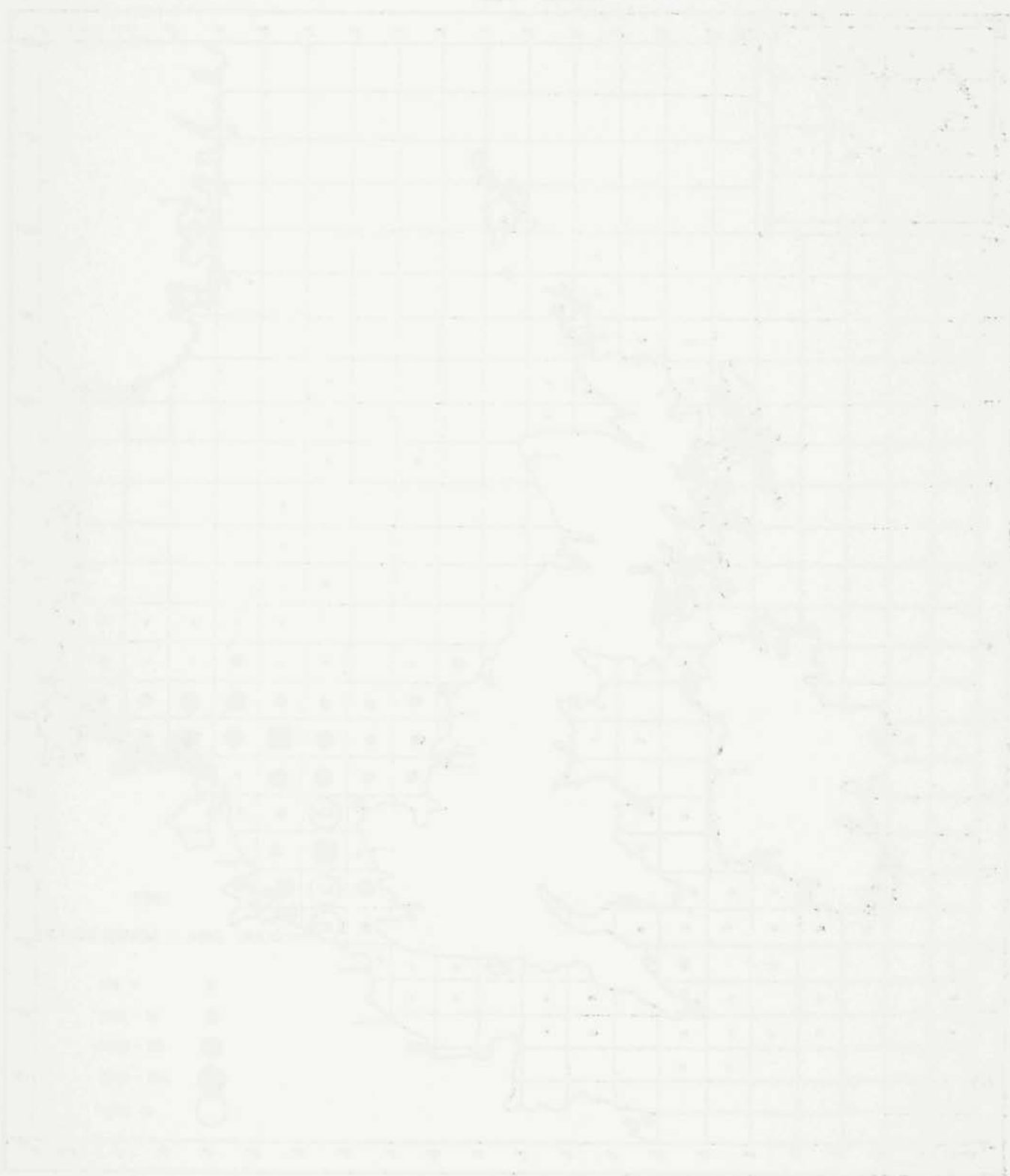




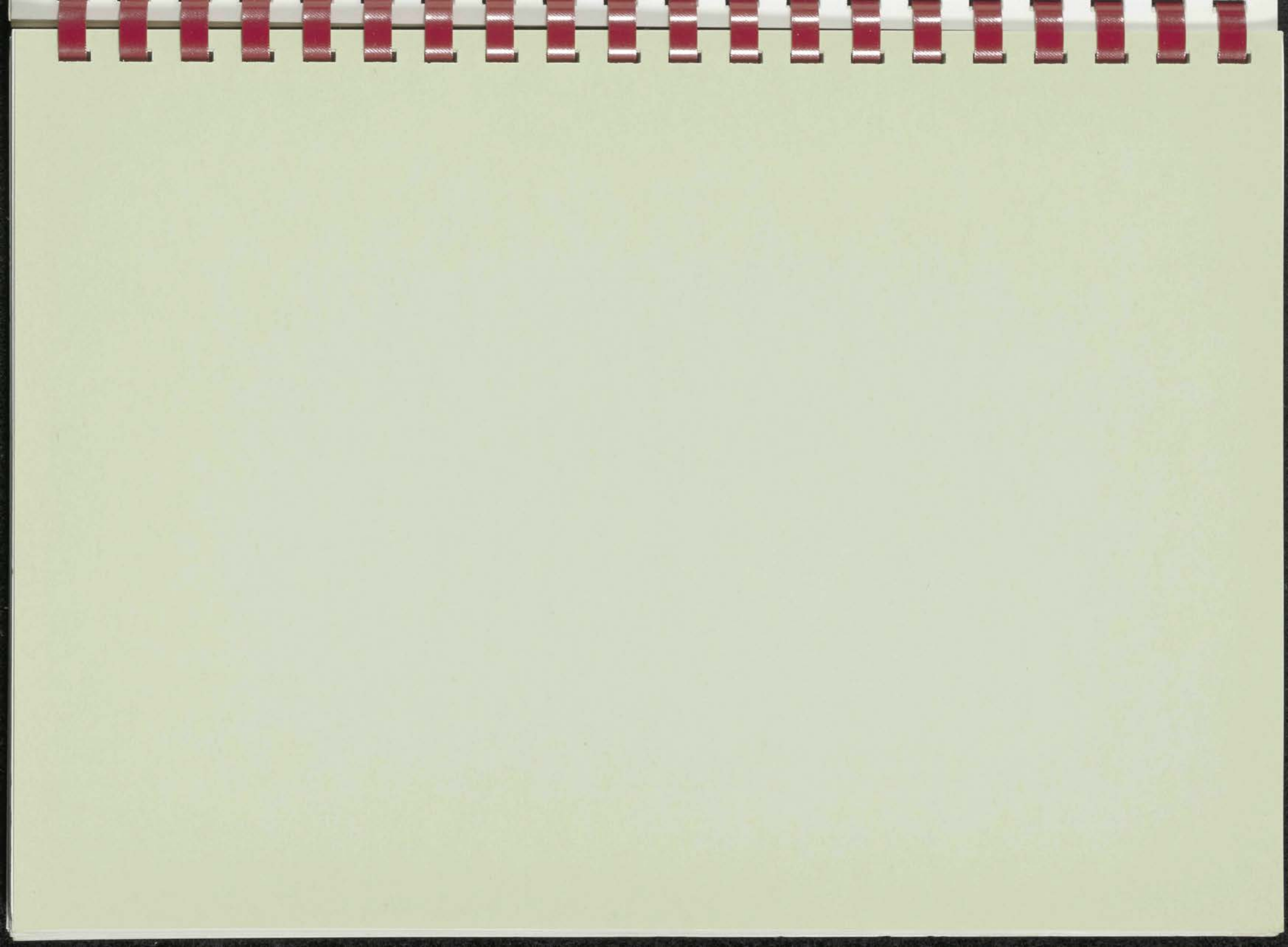








TONG - SOLE - SOLEA SOLEA (L.)



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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

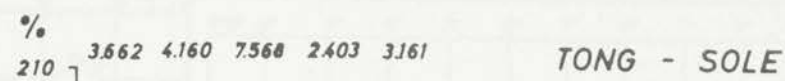


Fig. 1. Jaarlijkse aanvoer in t
Apports annuels en t

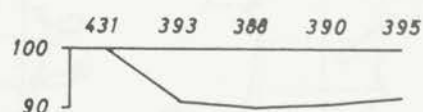


Fig. 2. Aantal bedrijvige vaartuigen
Nombre de navires en activité

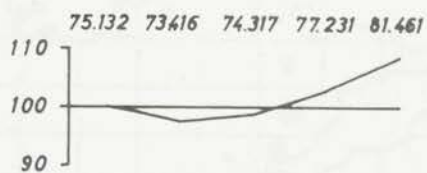


Fig. 3. Drijfkracht (pk)
Force motrice (cx)

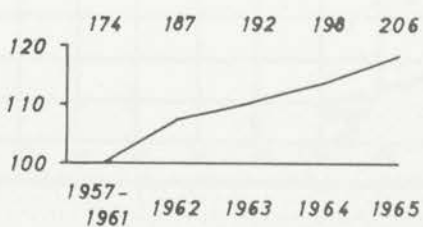


Fig. 4. Gemiddeld aantal pk per vaartuig
Nombre moyen de cx par navire

1940 - 1941

1941 - 1942

1942 - 1943

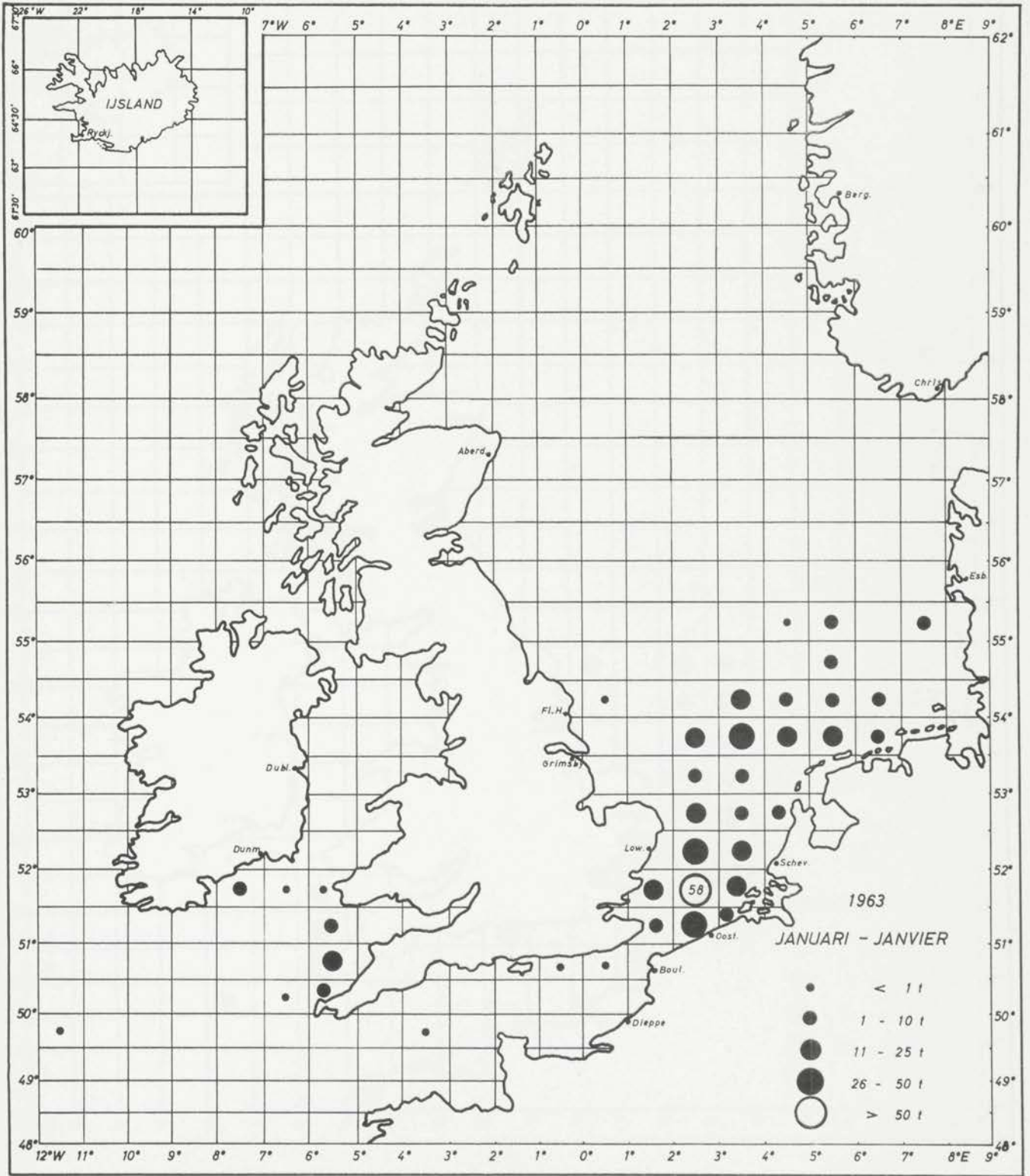
1943 - 1944

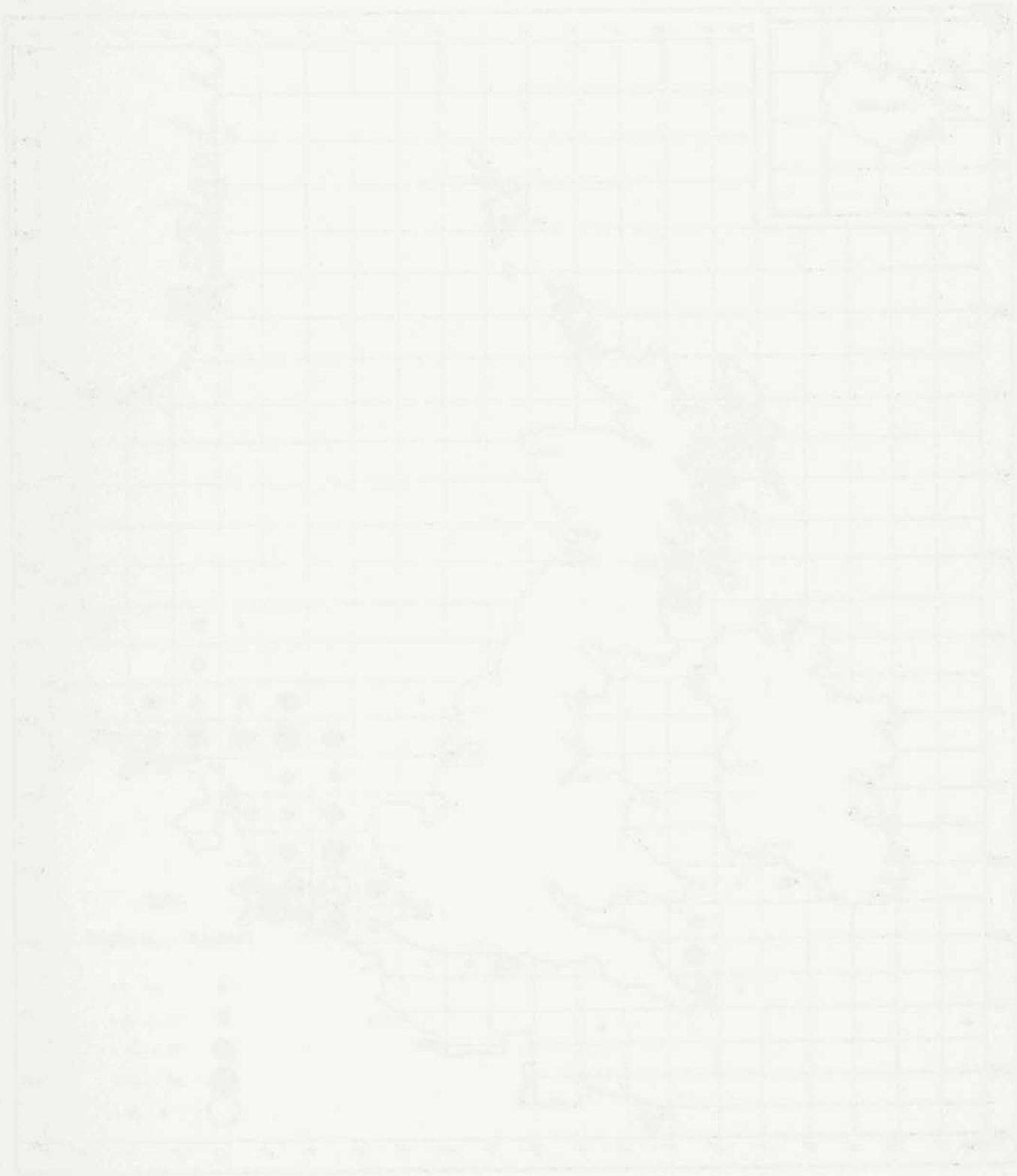
1944 - 1945

1945 - 1946

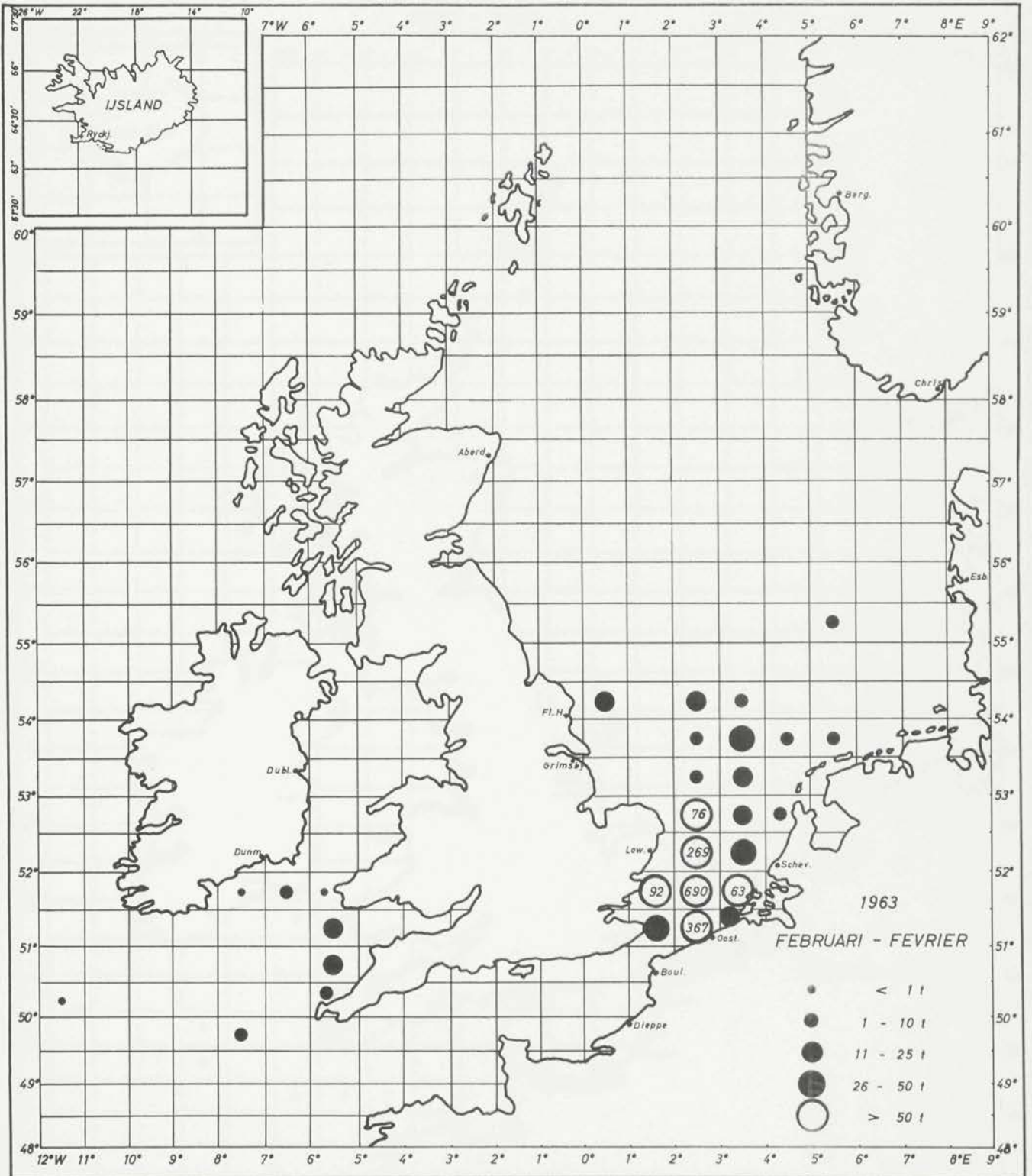


TONG - SOLE





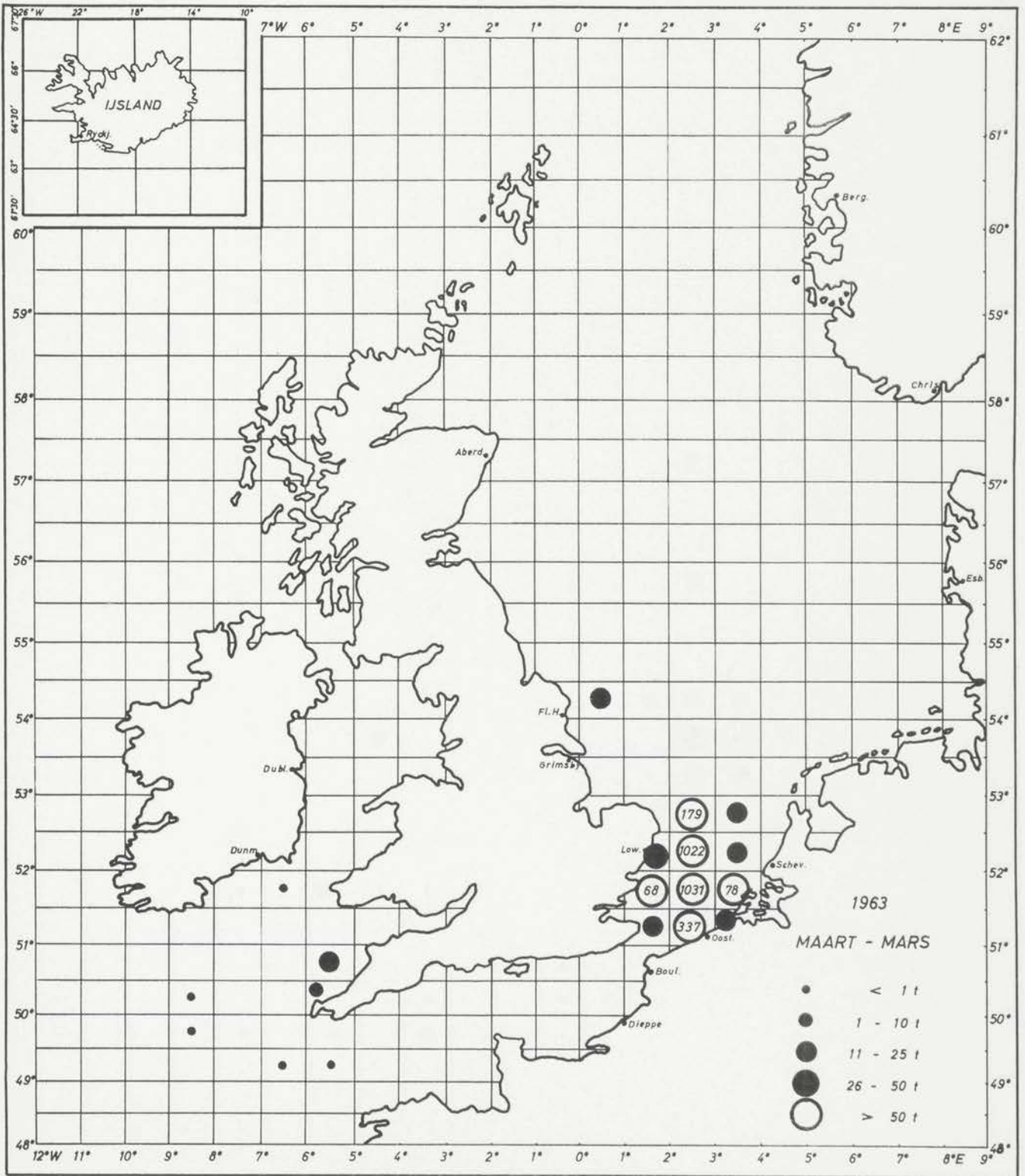
TONG - SOLE



MAP 1957



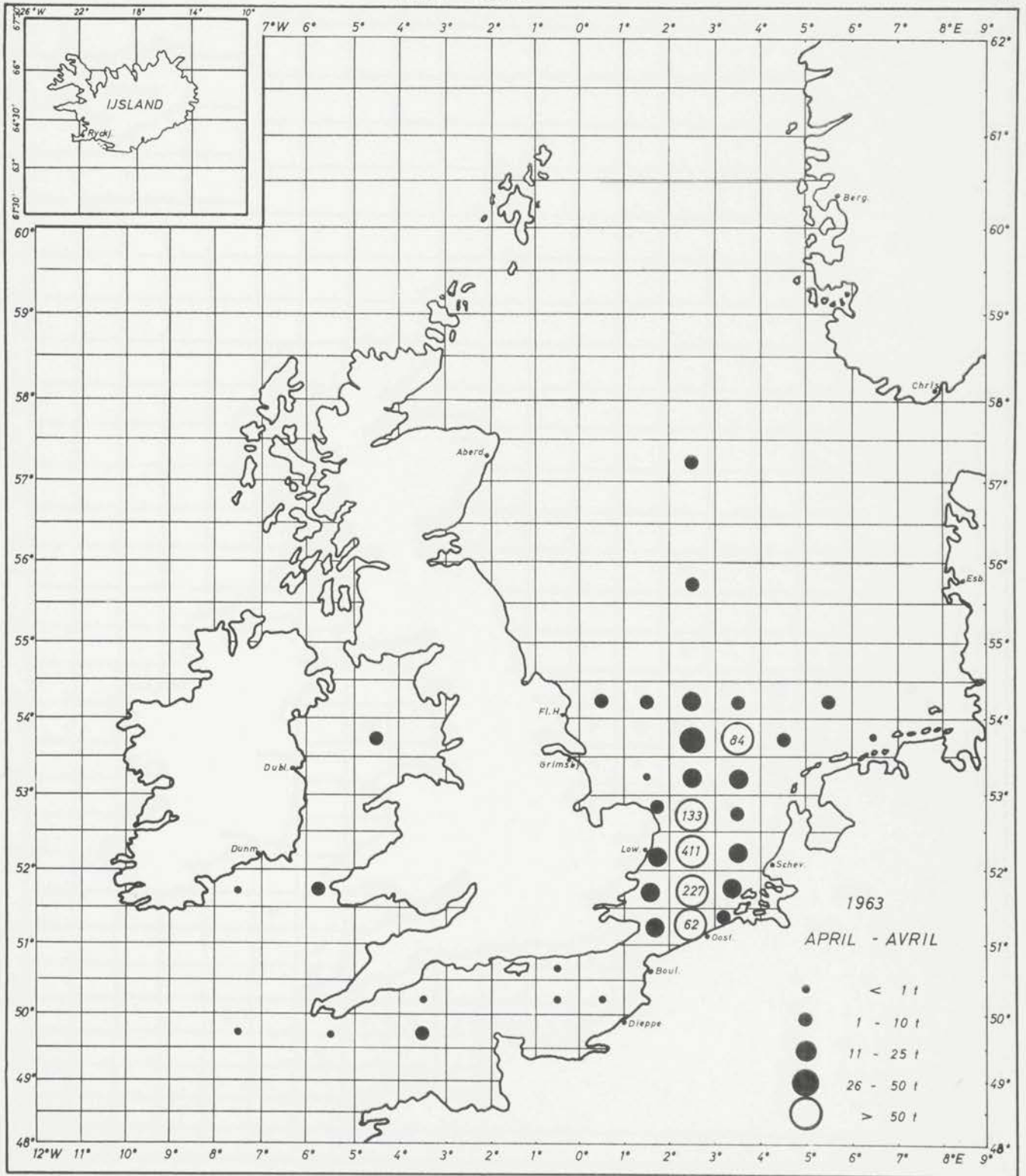
TONG - SOLE



1958 - 1967



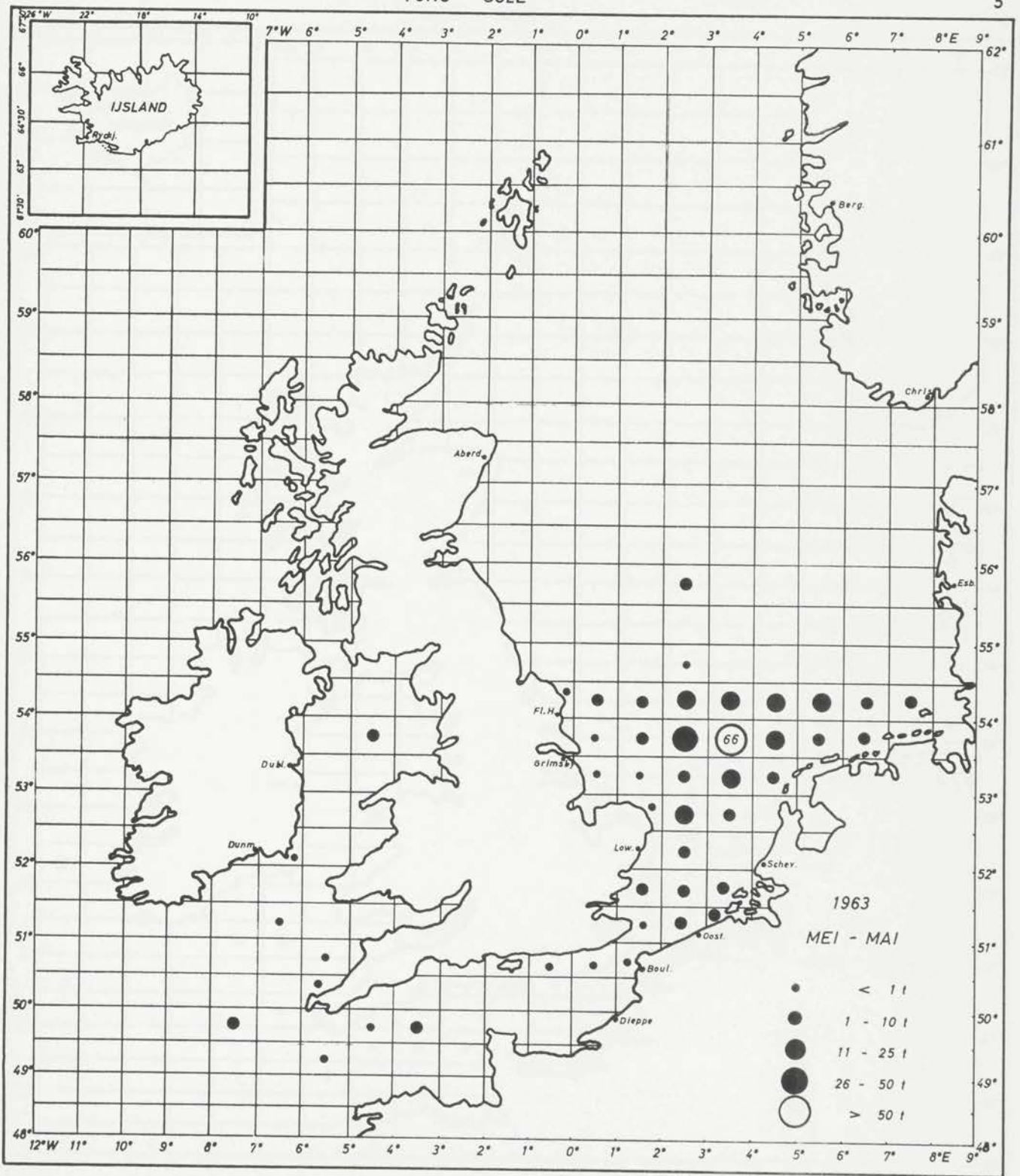
TONG - SOLE



1951 - 1952



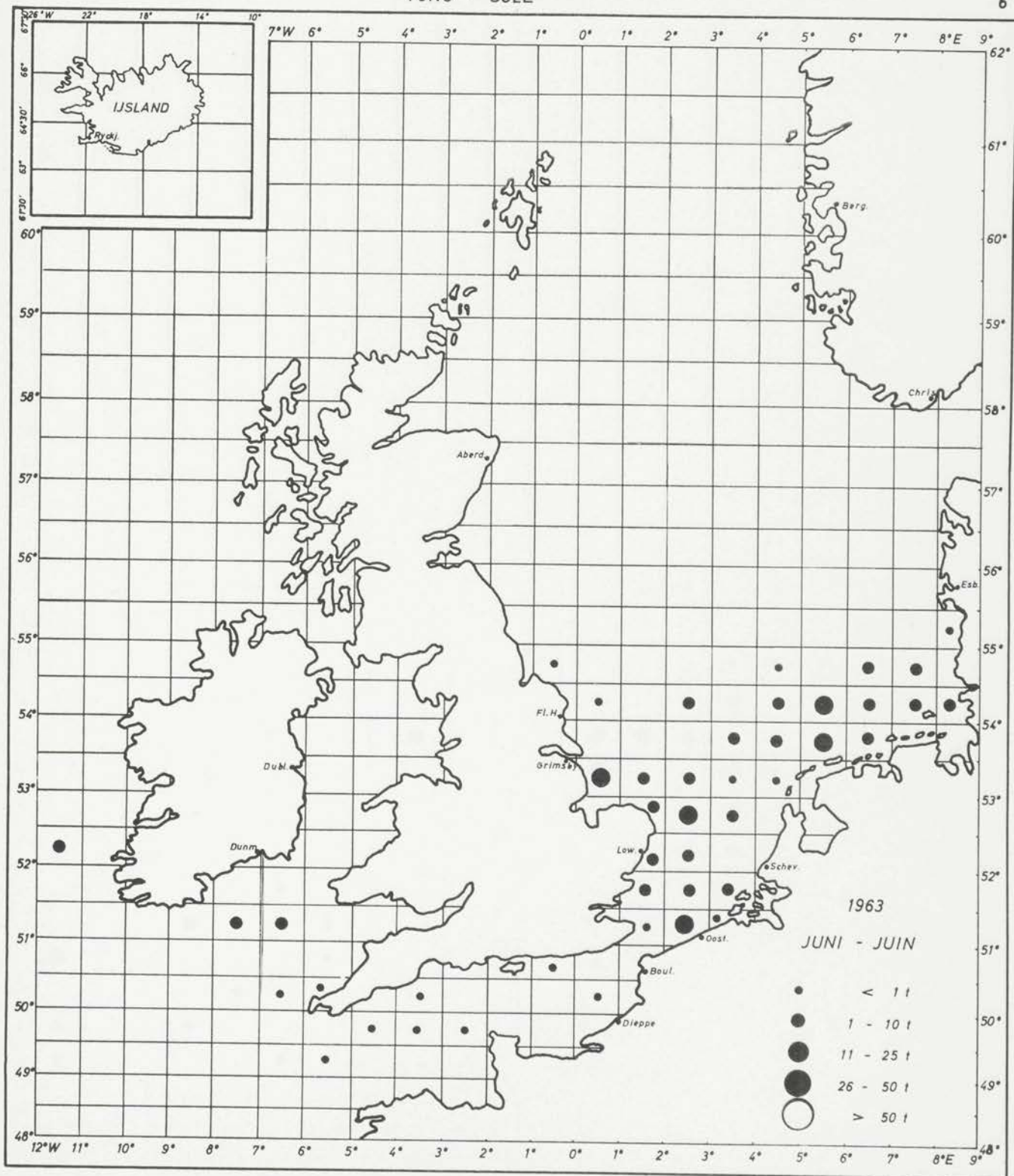
TONG - SOLE

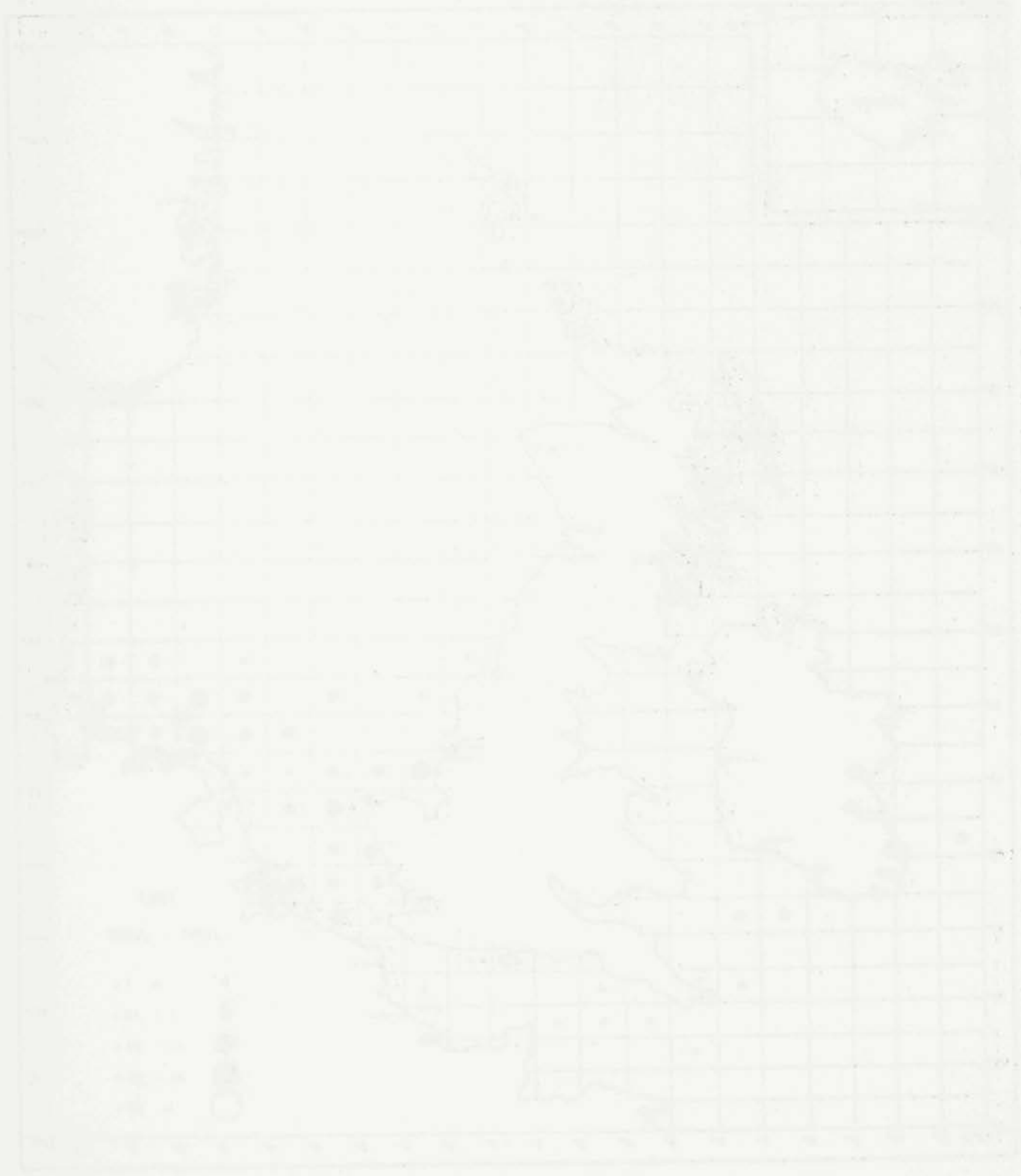


1942 - 1943

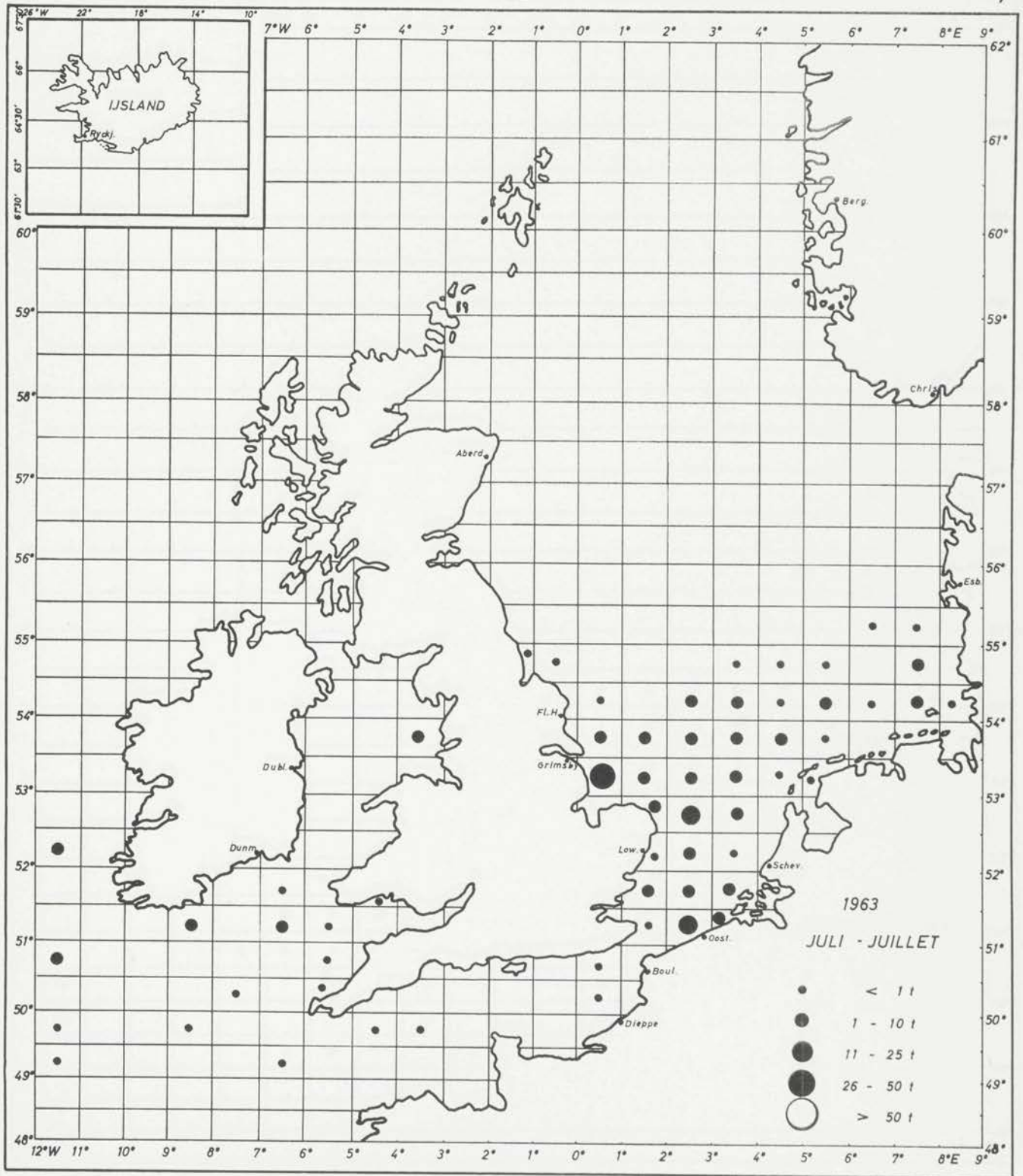


TONG - SOLE



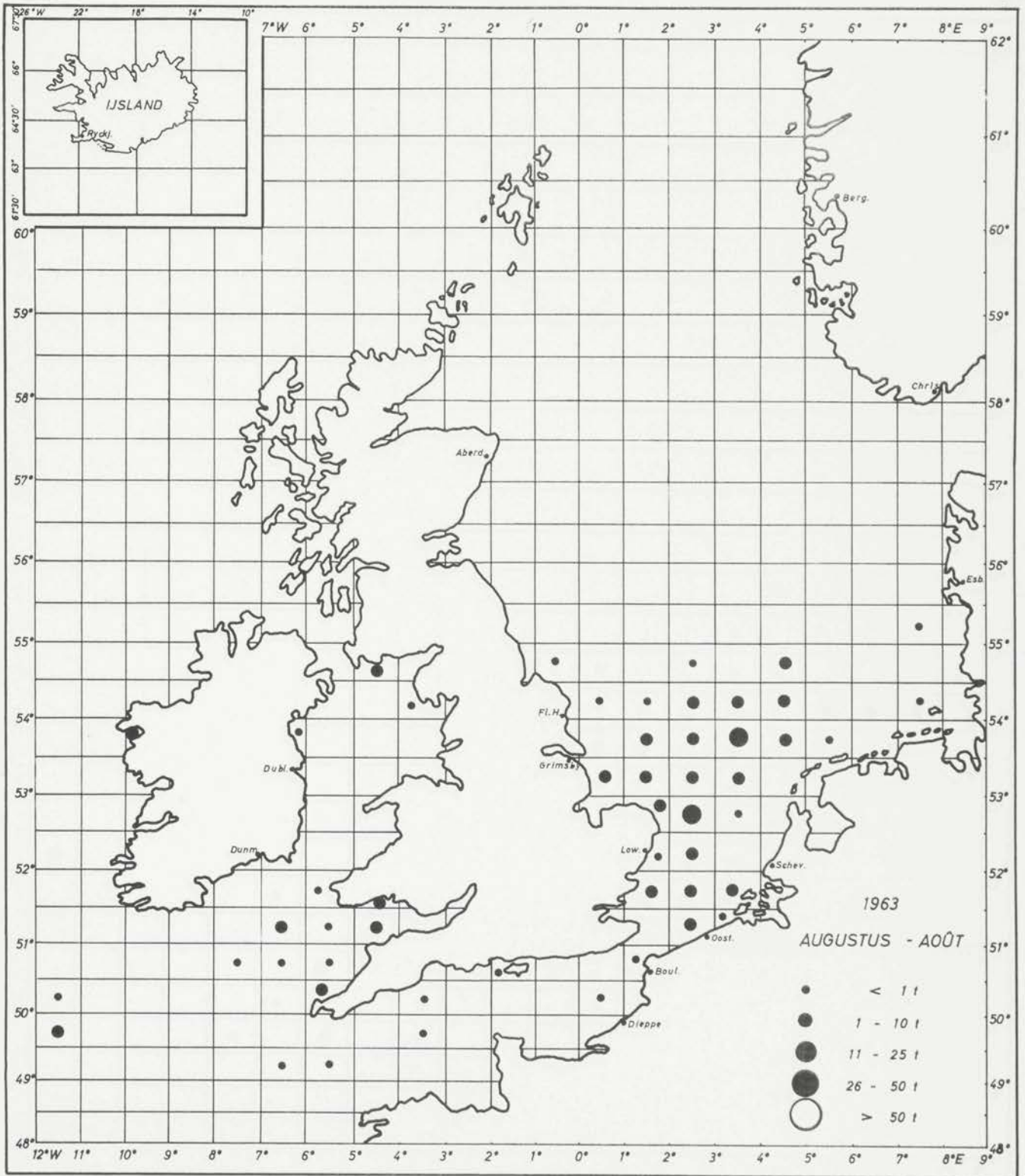


TONG - SOLE

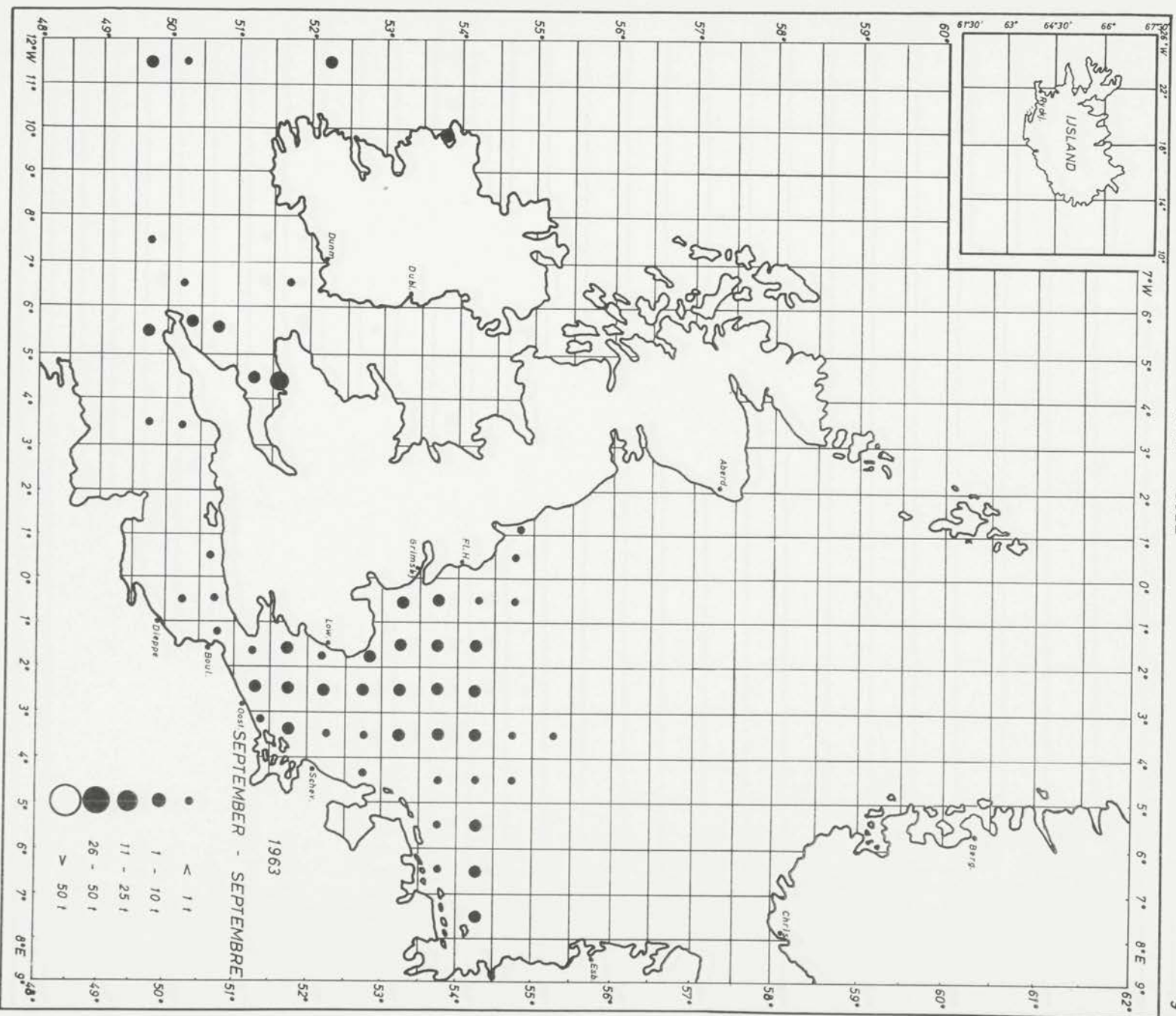


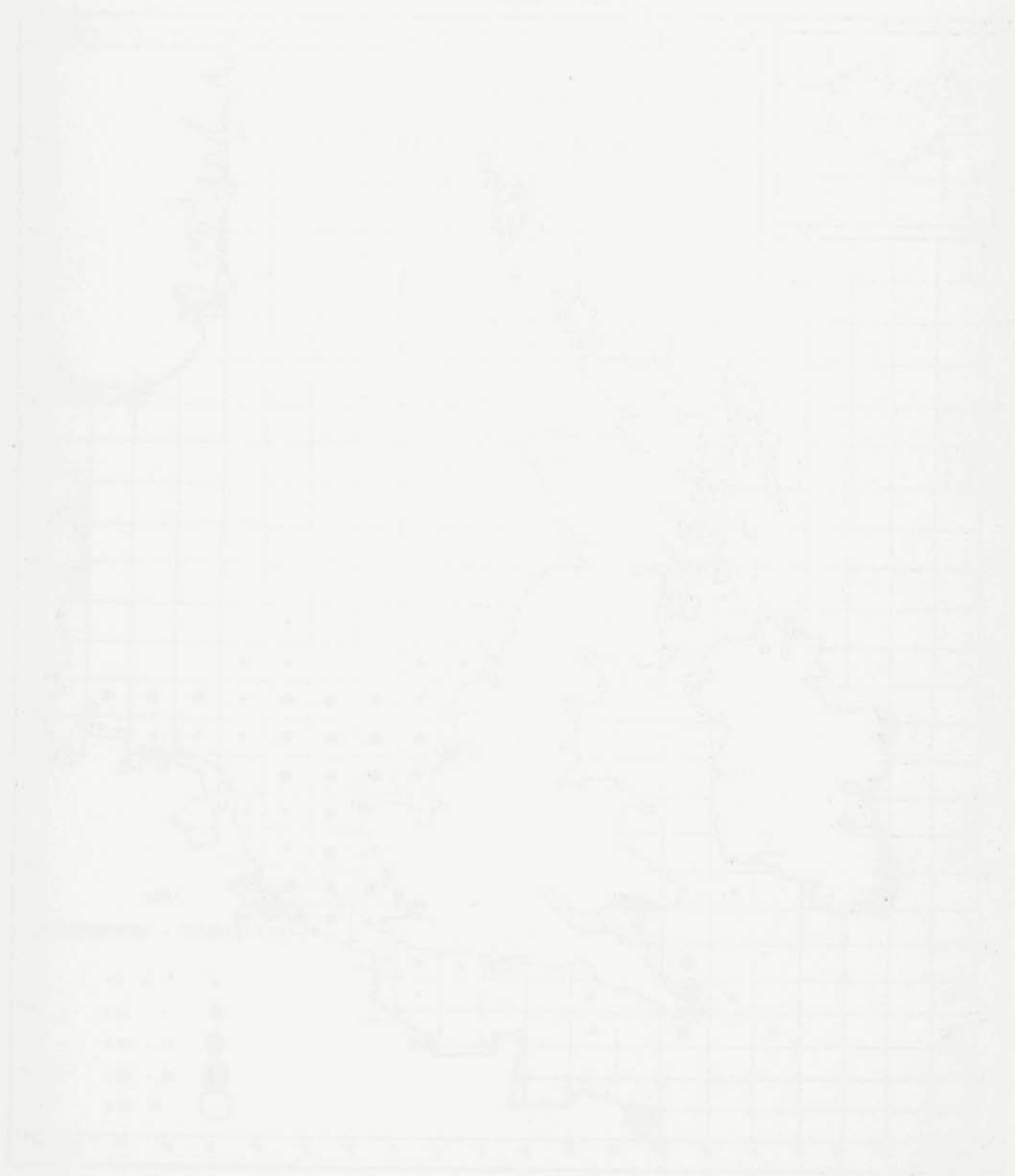


TONG - SOLE





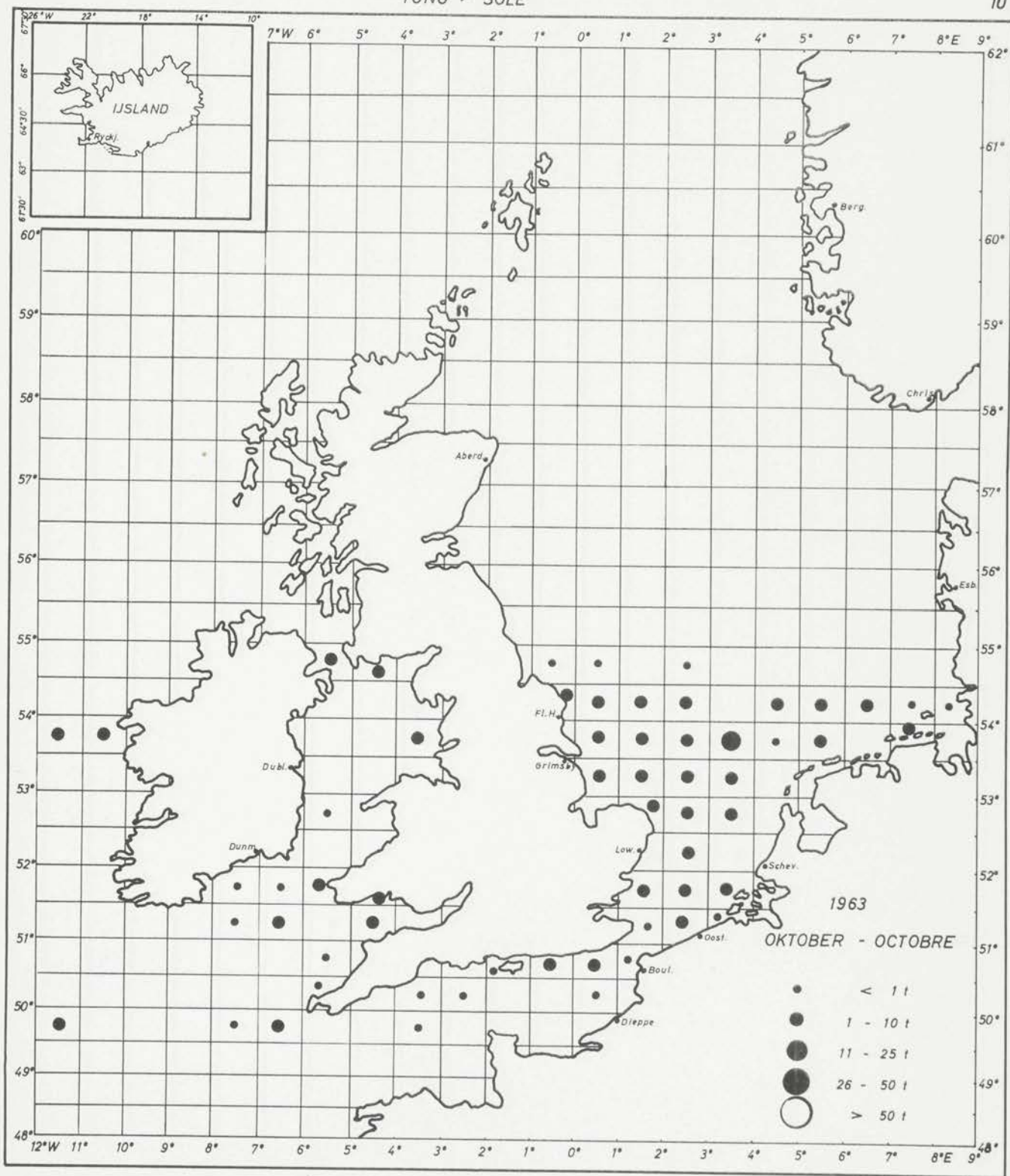




Handwritten text, possibly a name or title, located in the upper left quadrant of the grid.

Handwritten text, possibly a name or title, located in the lower left quadrant of the grid.

TONG - SOLE



1950 - 1951



TONG - SOLE

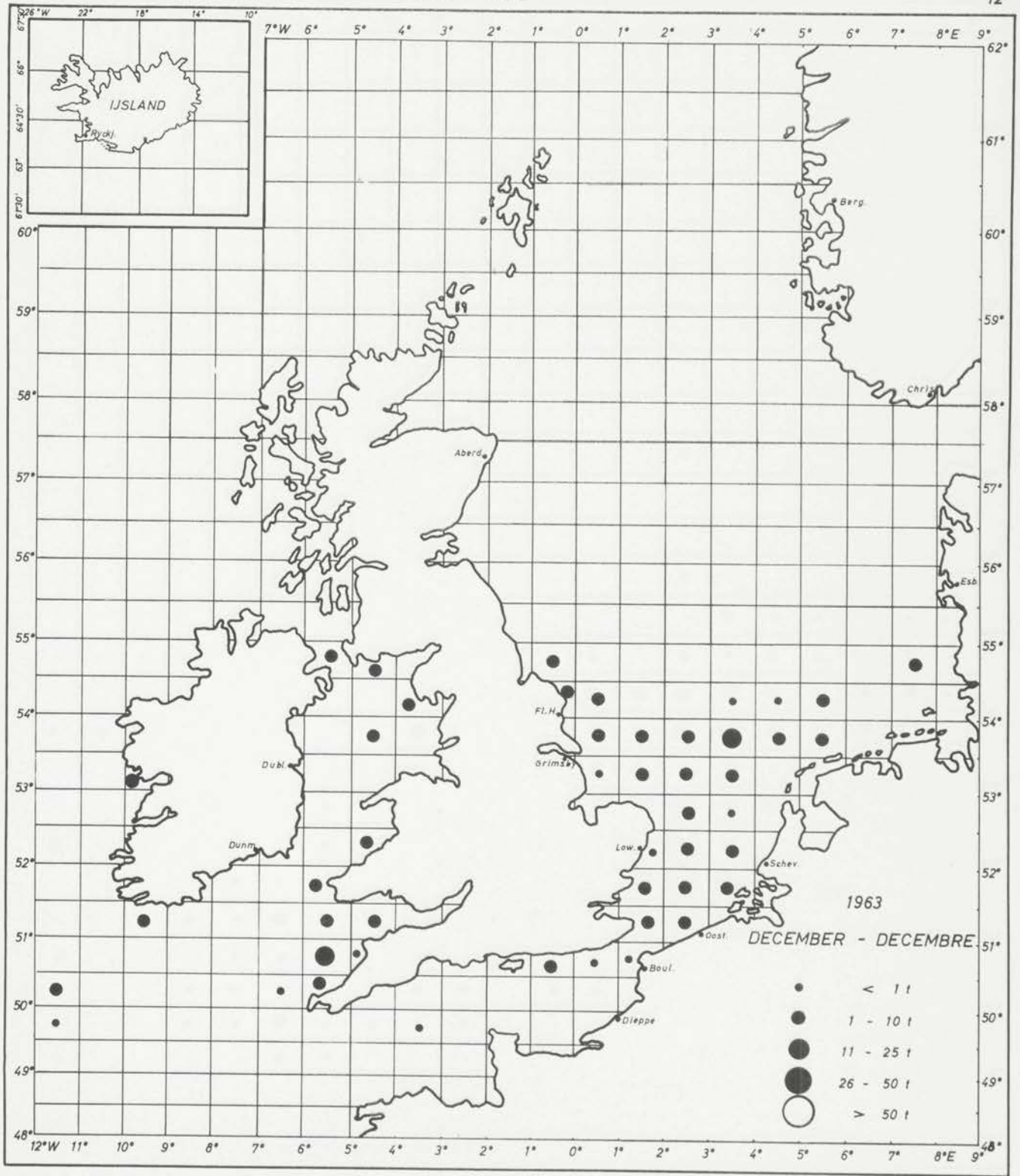


1952



1952

TONG - SOLE

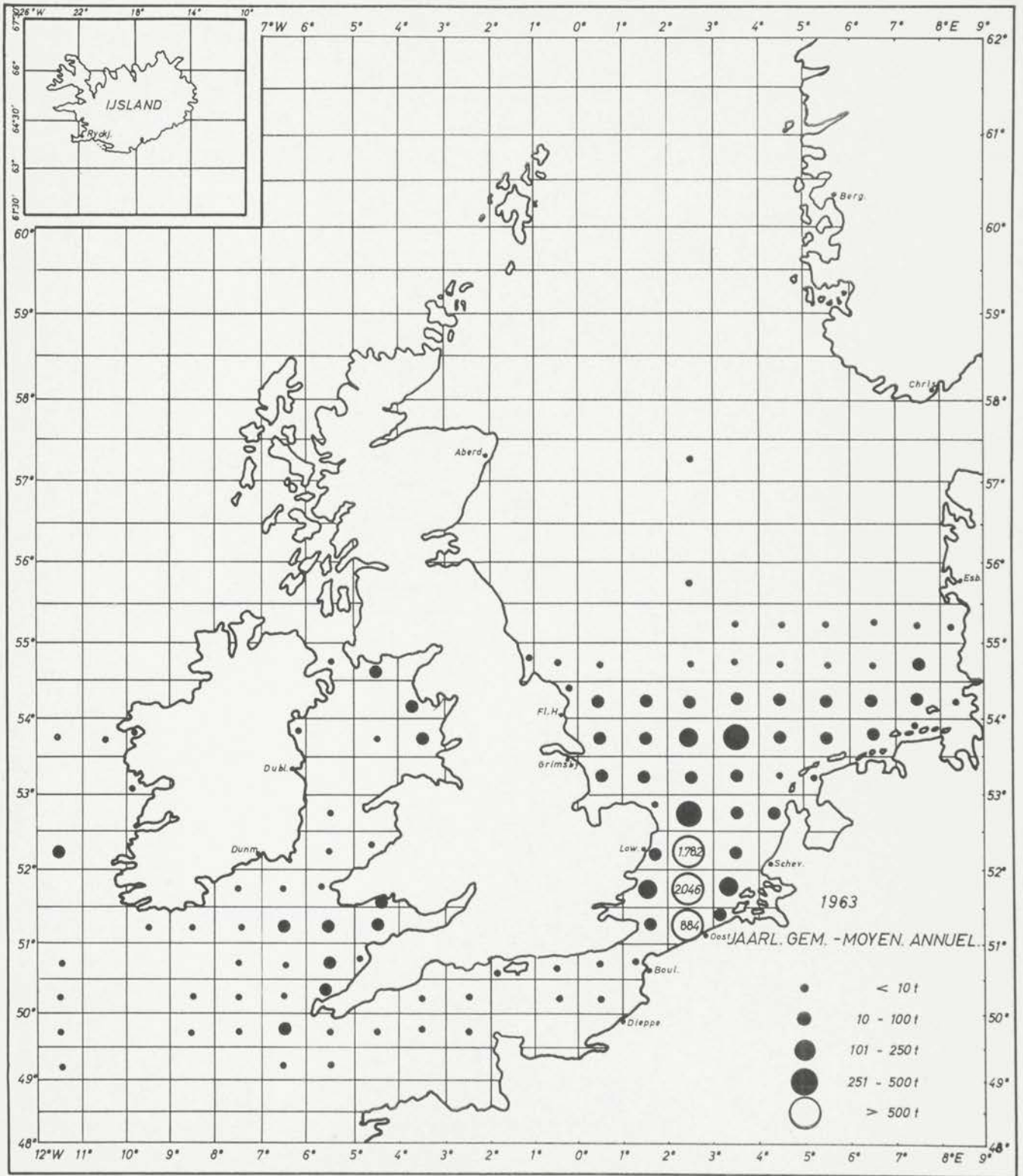


Map 1. 1960



Legend:
● Ocean
○ Land

TONG - SOLE



1952 - 1953

