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Boekdeel 11

**VERONTREINIGING VAN HET BELGISCH
WATERWEGENNET EN DE KUSTZONE**

VERZAMELING VAN DE GEGEVENS

Tome A

MAAS EN BIJRIVIEREN

uitgevoerd door

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PROGRAMME NATIONAL DE RECHERCHE
ET DE DEVELOPPEMENT

ENVIRONNEMENT

EAU

PROJET MER
Rapport final

Volume 11

**NIVEAUX DE POLLUTION DU RESEAU
HYDROGRAPHIQUE
ET DE LA ZONE COTIERE BELGES**

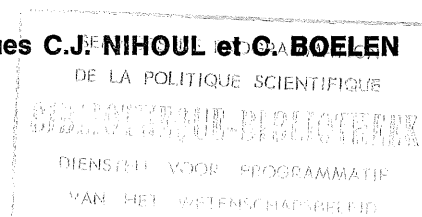
RECUEIL DES DONNEES

Tome A

MEUSE ET AFFLUENTS

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**Niveau de pollution du réseau hydrographique
et de la zone côtière belges**

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INTRODUCTION

Le volume 11 est entièrement consacré à la présentation des résultats analytiques obtenus au cours du Programme National de Recherches et de Développement sur l'Environnement physique et biologique "Pollution de l'Eau", Modèle Mathématique de la Mer, par les unités de l'Institut de Recherches Chimiques du Ministère de l'Agriculture (M-15) et de l'Institut d'Hygiène et d'Epidémiologie du Ministère de la Santé Publique (M-22), chargées d'établir l'Inventaire des polluants dans la zone côtière marine et dans les cours d'eau de Belgique.

Une synthèse générale de ces résultats est reprise dans le volume 6 sous le titre "Niveaux de pollution du réseau hydrographique et de la zone côtière belges" (J. BOUQUIAUX et P. HERMAN) .

Le volume 11 est divisé en 3 tomes :

Tome A : Meuse et affluents

Tome B : Escaut et affluents

Tome C : Yser et Côte belge .

Chaque tome comporte deux parties :

1° les tableaux de résultats

INLEIDING

Het volume 11 is geheel gewijd aan de voorstelling van de analytische resultaten bekomen, tijdens het Nationaal Programma voor Onderzoek en Ontwikkeling over het fysisch en biologisch leefmilieu "Waterverontreiniging", Mathematisch Model van de Zee, door de eenheden van het Instituut voor Scheikundig Onderzoek van het Ministerie van Landbouw (M-15) en van het Instituut voor Hygiène en Epidemiologie van het Ministerie van Volksgezondheid (M-22), belast met de uitvoering van de Inventaris van verontreinigers in de marinekustzone, en in de Belgische waterlopen .

Een algemene synthese van deze resultaten is vervat in het volume 6 onder titel "niveau's van verontreiniging van het hydrografisch bekken en van de Belgische kustzone" (J. BOUQUIAUX en P. HERMAN) .

Het volume 11 is onderverdeeld in drie boekdelen :

Boekdeel A : Maas en bijrivieren

Boekdeel B : Schelde en bijrivieren

Boekdeel C : Yser en Belgische kust .

Elk boekdeel is samengesteld uit twee delen :

1° de tabellen van de resultaten

2° les cartes géographiques avec report synthétique des moyennes .

Tous les résultats sont actuellement conservés sur bande magnétique qui constitue une banque de données relatives à la composition physico-chimique, bactériologique et hydrobiologique des eaux de surface ainsi qu'à la composition physique et chimique des sédiments .

Le système de gestion et de traitement des données par ordinateur a été entièrement élaboré par M. LEGRAND du Centre de Calcul de l'Institut d'Hygiène et d'Epidémiologie , avec la collaboration de Ch. BOELEN du même Institut qui s'est occupée, en outre, de rassembler les résultats de l'inventaire, de contrôler les tableaux ainsi que de réaliser les cartes, en collaboration avec les responsables des unités .

Les résultats analytiques sont regroupés par emplacement d'échantillonnage et sont subdivisés en quatre types de tableaux en fonction du substrat ou de l'analyse :

- analyse physique et chimique des sédiments
- analyse chimique des matières en suspension
- analyse physico-chimique et bactériologique de l'eau

2° de geografische kaarten met synthese van de gemiddelden .

Al de resultaten zijn momenteel opgeslagen op magnetische band, die een gegevensbank vormt met betrekking tot de physico-chemische, bacteriologische en hydrobiologische samenstelling van het oppervlaktewater evenals tot de fysische en chemische samenstelling van de sedimenten .

Het beheersysteem en de behandeling van de gegevens door ordinator werd geheel uitgewerkt door M. LEGRAND van het Rekencentrum van het Instituut voor Hygiëne en Epidemiologie, met de medewerking van Ch. BOELEN, van bovenvermeld Instituut, die zich daarenboven ingezet heeft voor het verzamelen van de inventarisresultaten het controleren van de tabellen en voor het opstellen van de kaarten, in samenwerking met de verantwoordelijken van elke eenheid .

De analytische resultaten zijn gegroepeerd per bemonsteringsplaats en onderverdeeld in vier typen van tabellen in functie van het substraat of van de analyse :

- fysische en chemische analyse van sedimenten
- chemische analyse van zwevende stoffen
- physico-chemische en bacteriologische analyse van het water

- analyse hydrobiologique du plancton et du périphyton.

En ce qui concerne les cartes géographiques, chaque emplacement inventorié y est repéré, soit par un cercle pour les résultats relatifs à l'eau, soit par un carré s'il s'agit de sédiments. Les moyennes arithmétiques y sont représentées de façon imagée en cinq classes de concentration; chacune d'elles correspond à 20% du nombre total de résultats (ceux de la mer exceptés).

- hydrobiologische analyse van het plankton en van het periphyton.

Wat betreft de geografische kaarten, elke geïnventariseerde plaats is er in opgenomen, hetzij door een cirkel voor de resultaten in verband met het water, hetzij door een vierkant in geval van sedimenten. De rekenkundige gemiddelden worden er uitgebeeld volgens vijf concentratie-klassen; elk van deze komt overeen met 20% van het totaal aantal resultaten (behalve voor de zee).

Liste des abréviations -----	Lijst van de afkortingen -----	
Aldrin	aldrine	aldrin
a m	alphamésosaprobe	alphamesosaproob
a o	alphaoligosaprobe	alphaoligosaproob
Asfree Weight	poids sec sans cendres	asvrij-gewicht
b m	bêtamésosaprobe	betamesosaproob
b o	bêtaoligosaprobe	betaoligosaproob
BOD5	demande biologique en oxygène après cinq jours	biologisch zuurstofverbruik na vijf dagen
Carb.H	dureté carbonatée	karbonaten-hardheid
Chlor.a	chlorophylle a	chlorofyl a
COD	demande chimique en oxygène	chemisch zuurstof verbruik
Cyan.	cyanures totaux	totale cyaniden
DDD	dichlorodiphényldichloro- éthane	dichloordiphenyldichloorethaa
DDE	dichlorodiphényldichloro- éthylène	dichloordiphenyldichloor- ethyleen
DDT	dichlorodiphényltrichloro- éthane	dichloordiphenyltrichloor- ethaan
Det.	détergents anioniques	anionische detergents
Devia.	déviatation standard si n est supérieur à 5 sinon écart à la moyenne	standaarddeviatie als n groter is dan 5 anders afwijking van het gemiddelde
Dieldr	dieldrine	dieldrin
Dry weight	poids sec	drooggewicht
Div. Shannon	diversité selon Shannon	diversiteit volgens Shannon
Endrin	endrine	endrin
Epoxy	époxyde de l'heptachlore	heptachloorepoxyde
Fec.coli.	coliformes fécaux	fecale coliformen
Fec.strep	streptocoques fécaux	fecale streptococcen
H2O	humidité	vochtigheid
Hepta.	heptachlore	heptachloor
%Indiv.	fraction des individus reprise pour la détermi- nation de la saprobité	deel van de individuen genome voor de bepaling van de saprobiteit
K	conductivité	conductiviteit
Lindan	lindane	lindaan
LW550	perte au feu à 550°C	gloeiverlies bij 550°C

LW1000	perte au feu à 1000°C	gloeiverlies bij 1000°C
Mean	moyenne arithmétique	rekenkundig gemiddelde
mcg/l	microgrammes par litre	microgrammen per liter
mcS/cm	microsiemens par cm	microsiemens per cm
Muns.	Munsen	Munsen
N amm	azote ammoniacal	ammoniakale stikstof
N.C.H.	dureté non carbonatée	niet karbonaten hardheid
N org.	azote organique	organische stikstof
N tot.	azote total	totale stikstof
Number Indiv.	nombre d'individus	aantal individuen
Number Species	nombre d'espèces	aantal soorten
O ₂ %	saturation en oxygène sur place	zuurstof verzadiging ter plaaste
O ₂	concentration en oxygène sur place	zuurstof concentratie ter plaatse
(24h)	concentration en O ₂ après 24 H	zuurstof concentratie na 24 U
(48h)	concentration en O ₂ après 48 H	zuurstof concentratie na 48 U
(120h)	concentration en O ₂ après 120 H	zuurstof concentratie na 120 U
O.M.	matières organiques	organische stoffen
PCB	biphényles polychlorés	meervoudig gechloreerde biphenyls
P tot.	phosphore total	totale fosfor
Phen.	composés phénolés	fenol verbindingen
%Sepc.	fraction des espèces reprise pour la détermination de la saprobité	deel van de soorten genomen voor de bepaling van de saprobiteit
Spec.S	surface spécifique	specifieke oppervlakte
Species- -code	code hydrobiologique pour chaque espèce	hydrobiologische code voor elk soort
Susp.M	matières en suspension	zwevende stoffen
Temp	température en °C	temperatuur in °C
TIC	carbone inorganique total	totale anorganische koolstof
TOC	carbone organique total	totale organische koolstof
Tot.count	germes totaux	totale kiemen
Tot.coli.	coliformes totaux	totale coliformen
Tot.H	dureté totale	totale hardheid
Tot.S	soufre total	totale zwavel

- 2 mu	fraction criblométrie inférieure à 2 microns	criblometrische fractie kleiner dan 2 microns
-37 mu	fraction criblométrie inférieure à 37 microns	criblometrische fractie kleiner dan 37 microns
+1 mm	fraction criblométrie supérieure à 1 mm	criblometrische fractie groter dan 1 mm
+149 mu	fraction criblométrie comprise entre 149 microns et 1 mm	criblometrische fractie begrepen tussen 149 microns en 1 mm
+63 mu	fraction criblométrie comprise entre 63 et 149 microns	criblometrische fractie begrepen tussen 63 en 149 microns
+37 mu	fraction criblométrie comprise entre 37 et 63 microns	criblometrische fractie begrepen tussen 37 en 63 microns
+2 mu	fraction criblométrie comprise entre 2 et 37 mu	criblométrische fractie begrepen tussen 2 en 37 mu
+149 mu f.m.	fraction magnétique de 149 mu	magnetische fractie van 149 mu
+63 mu f.m.	fraction magnétique de 63 mu	magnetische fractie van 63 mu

LISTE DES ESPECES - SOORTENLIJST

Speciescode Espèce-Soort Poids : Valences saprobiques
Gewicht: Saprobiele valenties

G : bo ao bm am p

BACTERIOPHYTA

19	Species divers : Bacteriophyta	-	-	-	-	-	-
21	Beggiatoa alba	5	0	0	0	1	9
23	Chromatium spp.	-	-	-	-	-	-
24	Cladothrix dichotoma	2	0	1	5	4	0
25	Crenothrix polyspora	-	-	-	-	-	-
26	Lampropedia hyalina	-	-	-	-	-	-
27	Sarcina paludosa	5	0	0	0	0	10
28	Sphaerotilus natans	3	0	0	0	4	6
29	Thiopedia rosea	5	0	0	0	0	10
31	Zoogloea ramigera	5	0	0	0	1	9

CYANOPHYTA

43	Species divers : Cyanophyta	-	-	-	-	-	-
44	Anabaena spp.	-	-	-	-	-	-
45	Anabaena constricta	5	0	0	0	0	10
52	Chroococcus spp.	-	-	-	-	-	-
54	Chroococcus minutus	-	-	-	-	-	-
58	Merismopedia spp.	-	-	-	-	-	-
59	Merismopedia glauca	-	-	-	-	-	-
60	Merismopedia tenuissima	2	0	1	4	5	0
61	Microcystis spp.	-	-	-	-	-	-
62	Microcystis aeruginosa	3	0	3	6	1	0
64	Lyngbya spp.	-	-	-	-	-	-
65	Nostoc spp.	-	-	-	-	-	-
66	Oscillatoria spp.	-	-	-	-	-	-
67	Oscillatoria Agardhii	4	0	0	8	2	0
68	Oscillatoria chlorina	4	0	0	0	2	8
70	Oscillatoria limosa	2	0	1	5	4	0
71	Oscillatoria princeps	5	0	0	0	10	0
73	Oscillatoria splendida	5	0	0	0	10	0
74	Oscillatoria tenuis	3	0	0	2	7	1
75	Phormidium spp.	-	-	-	-	-	-
78	Anabaenopsis spp.	-	-	-	-	-	-
79	Pleurocapsa minor	-	-	-	-	-	-

EUGLENOPHYTA :

89	Species divers : Euglenophyta	-	-	-	-	-	-
90	Anisonema spp.	-	-	-	-	-	-
91	Astasia spp.	-	-	-	-	-	-
92	Astasia Dangeardii	5	0	0	0	0	10
93	Astasia inflata	-	-	-	-	-	-
94	Astasia Klebsii	3	0	0	1	7	2
95	Colacium spp.	-	-	-	-	-	-
96	Dinema spp.	-	-	-	-	-	-
98	Distigma proteus	-	-	-	-	-	-

99	Euglena spp.	3	0	0	5	5	0
100	Euglena acus	3	0	1	6	3	0
101	Euglena clavata	-	-	-	-	-	-
102	Euglena geniculata	3	0	0	0	6	4
103	Euglena gracilis	2	0	0	4	5	1
104	Euglena heterochromata	3	0	0	5	5	0
106	Euglena oxyuris	3	0	0	6	4	0
107	Euglena pisciformis	3	0	0	5	5	0
109	Euglena proxima	2	0	0	2	3	5
112	Euglena spirogyra	2	0	3	5	2	0
113	Euglena viridis	2	0	0	1	4	5
114	Heteronema spp.	-	-	-	-	-	-
115	Lepocinclis spp.	-	-	-	-	-	-
116	Lepocinclis ovum	3	0	0	5	5	0
117	Menoidium spp.	-	-	-	-	-	-
120	Phacus spp.	-	-	-	-	-	-
121	Phacus acuminatus	-	-	-	-	-	-
123	Phacus caudatus	4	0	0	8	2	0
124	Phacus curvicauda	-	-	-	-	-	-
125	Phacus longicauda	3	0	0	4	6	0
126	Phacus orbicularis	5	0	0	10	0	0
128	Phacus pyrum	-	-	-	-	-	-
130	Phacus tortus	-	-	-	-	-	-
131	Rhabdomonas incurva	5	0	0	10	0	0
133	Trachelomonas spp	-	-	-	-	-	-
136	Trachelomonas hispida	3	0	2	6	2	0
138	Trachelomonas pulcherrima	-	-	-	-	-	-
139	Trachelomonas volvocina	2	0	3	4	3	0
140	Urceolus spp.	-	-	-	-	-	-

PYRROPHYTA

152	Species divers	-	-	-	-	-	-
155	Chilomonas spp.	-	-	-	-	-	-
156	Chroomonas spp.	-	-	-	-	-	-
157	Cryptomonas spp.	-	-	-	-	-	-
159	Glenodinium spp.	-	-	-	-	-	-
161	Gonyaulax apiculata	-	-	-	-	-	-
162	Gymnodinium spp.	-	-	-	-	-	-
163	Peridinium spp.	-	-	-	-	-	-
175	x	-	-	-	-	-	-

CHRYSOPHYCEAE XANTHOPHYCEAE

177	Flagellatae apochromatae	-	-	-	-	-	-
178	Species divers :	-	-	-	-	-	-
179	Bicocaecca spp.	-	-	-	-	-	-
180	Bicocaecca plantonica	4	0	2	8	0	0
181	Bodo spp.	4	0	0	0	3	7
182	Chromulina spp.	-	-	-	-	-	-
183	Chrysococcus spp.	3	0	6	4	0	0
184	Chrysococcus biporus	3	0	6	4	0	0
185	Chrysococcus minutus	3	0	6	4	0	0
186	Chrysococcus rufescens	3	0	6	4	0	0
188	Dinobryon spp.	-	-	-	-	-	-
190	Dinobryon divergens	3	0	2	7	1	0
191	Dinobryon sertularia	4	0	7	3	0	0
192	Dinobryon sociale	-	-	-	-	-	-
193	Kephyrion spp.	-	-	-	-	-	-
195	Mallomonas spp.	-	-	-	-	-	-
196	Mallomonas acaroides	4	0	2	8	0	0

197	<i>Ochromonas</i> spp.	-	-	-	-	-	-
198	<i>Ophiocytium</i> spp.	-	-	-	-	-	-
199	<i>Ophiocytium cochleare</i>	-	-	-	-	-	-
200	<i>Salpingoeca frequentissima</i>	3	0	4	6	0	0
202	<i>Synura uvella</i>	3	0	2	7	1	0
203	<i>Tribonema</i> spp.	-	-	-	-	-	-
204	<i>Uroglena</i> spp.	-	-	-	-	-	-
205	<i>Centrित्रtractus</i> spp.	-	-	-	-	-	-
206	<i>Salpingoeca</i> spp.	-	-	-	-	-	-
207	<i>Lagenoeca</i> spp.	-	-	-	-	-	-
208	<i>Poteriodendron petiolatum</i>	-	-	-	-	-	-
209	<i>Vaucheria</i> spp.	-	-	-	-	-	-
210	<i>Bodo putrinus</i>	5	0	0	0	0	10
211	<i>Chrysamoeba</i> sp.	-	-	-	-	-	-

BACILLARIOPHYCEAE : DIATOMEAE

216	Species divers :	-	-	-	-	-	-
219	<i>Achnanthes</i> spp.	-	-	-	-	-	-
220	<i>Achnanthes minutissima</i>	2	1	4	5	0	0
221	<i>Achnanthes lanceolata</i>	3	5	3	2	0	0
222	<i>Achnanthes brevipes</i>	-	-	-	-	-	-
223	<i>Amphiprora</i> spp.	-	-	-	-	-	-
224	<i>Amphora</i> spp.	-	-	-	-	-	-
225	<i>Amphora ovalis</i>	1	1	3	4	2	0
226	<i>Asterionella formosa</i>	3	0	6	4	0	0
227	<i>Asterionella gracilima</i>	-	-	-	-	-	-
228	<i>Asterionella japonica</i>	-	-	-	-	-	-
231	<i>Biddulphia</i> spp.	-	-	-	-	-	-
232	<i>Caloneis</i> spp.	-	-	-	-	-	-
233	<i>Caloneis amphisbaena</i>	2	0	1	5	4	0
234	<i>Caloneis silicula</i>	3	0	5	5	0	0
237	<i>Ceratoneis arcus</i>	3	6	4	0	0	0
238	<i>Chaetoceros</i> spp.	-	-	-	-	-	-
239	<i>Cocconeis</i> spp.	-	-	-	-	-	-
240	<i>Cocconeis placentula</i>	1	2	4	3	1	0
241	<i>Coscinodiscus</i> spp	-	-	-	-	-	-
242	<i>Cyclotella</i> spp.	-	-	-	-	-	-
244	<i>Cyclotella Meneghiniana</i>	3	0	0	4	6	0
245	<i>Cyclotella chaetoceras</i>	-	-	-	-	-	-
247	<i>Cymatopleura elliptica</i>	2	0	2	7	1	0
248	<i>Cymatopleura solea</i>	3	0	1	5	4	0
249	<i>Cymbella</i> spp.	-	-	-	-	-	-
250	<i>Cymbella affinis</i>	3	0	5	5	0	0
253	<i>Cymbella lanceolata</i>	5	0	1	9	0	0
254	<i>Cymbella naviculiformis</i>	4	0	1	8	1	0
256	<i>Cymbella prostrata</i>	-	-	-	-	-	-
257	<i>Cymbella turgida</i>	-	-	-	-	-	-
258	<i>Cymbella ventricosa</i>	1	2	4	3	1	0
259	<i>Cymbella cistula</i>	4	0	2	8	0	0
262	<i>Diatoma anceps</i>	3	4	6	0	0	0
263	<i>Diatoma elongatum</i>	3	0	5	5	0	0
264	<i>Diatoma hiemale</i> var <i>mesodon</i>	4	8	2	0	0	0
265	<i>Diatoma vulgare</i>	2	0	3	5	2	0
266	<i>Diploneis</i> spp.	-	-	-	-	-	-
269	<i>Diploneis ovalis</i>	-	-	-	-	-	-
271	<i>Epithemia argus</i>	-	-	-	-	-	-
272	<i>Epithemia turgida</i>	-	-	-	-	-	-
273	<i>Eucocconeis flexella</i>	-	-	-	-	-	-
274	<i>Eunotia</i> spp.	-	-	-	-	-	-
275	<i>Eunotia arcus</i>	-	-	-	-	-	-
276	<i>Eunotia lunaris</i>	2	5	4	1	0	0

277	<i>Eunotia pectinalis</i>	4	8	2	0	0	0
278	<i>Eunotia praerupta</i>	-	-	-	-	-	-
279	<i>Fragilaria</i> spp.	-	-	-	-	-	-
280	<i>Fragilaria capucina</i>	3	0	6	4	0	0
281	<i>Fragilaria construens</i>	-	-	-	-	-	-
282	<i>Fragilaria crotonensis</i>	3	0	6	4	0	0
283	<i>Fragilaria intermedia</i>	-	-	-	-	-	-
284	<i>Fragilaria virescens</i>	4	8	2	0	0	0
285	<i>Frustulia vulgaris</i>	4	0	8	2	0	0
286	<i>Gomphonema</i> spp.	1	1	3	4	2	0
287	<i>Gomphonema acuminatum</i>	4	0	3	7	0	0
288	<i>Gomphonema constrictum</i>	3	0	2	7	1	0
289	<i>Gomphonema olivaceum</i>	1	1	3	3	3	0
290	<i>Gomphonema parvulum</i>	1	1	2	4	3	0
291	<i>Hantzschia</i> spp.	-	-	-	-	-	-
292	<i>Hantzschia amphioxys</i>	5	0	0	1	9	0
293	<i>Melosira</i> spp.	-	-	-	-	-	-
294	<i>Melosira arenaria</i>	4	8	2	0	0	0
295	<i>Melosira granulata</i>	4	0	2	8	0	0
296	<i>Melosira Italica</i>	3	0	6	4	0	0
298	<i>Melosira varians</i>	2	0	3	5	2	0
299	<i>Meridion circulare</i>	2	4	5	1	0	0
300	<i>Navicula</i> spp.	-	-	-	-	-	-
301	<i>Navicula cuspidatavar ambigua</i>	5	0	0	9	1	0
302	<i>Navicula cryptocephala</i>	4	0	0	3	7	0
303	<i>Navicula gracilis</i>	2	0	4	5	1	0
304	<i>Navicula lanceolata</i>	-	-	-	-	-	-
305	<i>Navicula radiosa</i>	3	0	4	6	0	0
306	<i>Navicula rhynchocephala</i>	4	0	0	3	7	0
307	<i>Navicula viridula</i>	4	0	0	2	8	0
308	<i>Neidium</i> spp.	-	-	-	-	-	-
309	<i>Nitzschia</i> spp.	1	0	0	5	5	0
310	<i>Nitzschia acicularis</i>	4	0	0	3	7	0
311	<i>Nitzschia actinastroides</i>	5	0	1	9	0	0
312	<i>Nitzschia acuta</i>	-	-	-	-	-	-
313	<i>Nitzschia amphibia</i>	-	-	-	-	-	-
314	<i>Nitzschia hungarica</i>	5	0	0	1	9	0
315	<i>Nitzschia linearis</i>	3	0	5	5	0	0
316	<i>Nitzschia ignorata</i>	-	-	-	-	-	-
317	<i>Nitzschia palea</i>	3	0	0	3	6	1
318	<i>Nitzschia recta</i>	3	0	0	5	5	0
319	<i>Nitzschia sigmoidea</i>	4	0	1	8	1	0
320	<i>Nitzschia stagnorum</i>	4	0	0	8	2	0
321	<i>Nitzschia sublinearis</i>	-	-	-	-	-	-
322	<i>Nitzschia tryblionella</i>	4	0	0	1	9	0
323	<i>Nitzschia vermicularis</i>	4	0	0	7	3	0
324	<i>Pinnularia</i> spp.	-	-	-	-	-	-
325	<i>Pinnularia gibba</i>	4	8	2	0	0	0
326	<i>Pinnularia interrupta</i>	-	-	-	-	-	-
327	<i>Pinnularia maior</i>	5	0	0	9	1	0
329	<i>Pinnularia microstauron</i>	4	5	5	0	0	0
331	<i>Pinnularia viridis</i>	5	0	0	9	1	0
332	<i>Podosira</i> spp.	-	-	-	-	-	-
333	<i>Raphoneis amphiceros</i>	-	-	-	-	-	-
334	<i>Rhizosolenia</i> spp.	-	-	-	-	-	-
336	<i>Rhoicosphenia curvata</i>	2	0	3	5	2	0
338	<i>Stauroneis</i> spp.	-	-	-	-	-	-
339	<i>Stauroneis phoenicenteron</i>	4	0	3	7	0	0
341	<i>Stephanodiscus Hantzschii</i>	4	0	0	3	7	0
342	<i>Surirella</i> spp.	-	-	-	-	-	-
345	<i>Surirella linearis</i>	4	0	0	8	2	0
346	<i>Surirella ovalis</i>	-	-	-	-	-	-
347	<i>Surirella ovata</i>	2	0	3	5	2	0

348	Surirella robusta var splendida	3	0	2	7	1	0
350	Surirella tenera	5	0	0	9	1	0
351	Synedra spp.	-	-	-	-	-	-
352	Synedra acus	3	0	2	7	1	0
353	Synedra acus var angustissima	3	0	2	7	1	0
354	Synedra affinis	-	-	-	-	-	-
355	Synedra amphicephala	4	7	3	0	0	0
356	Synedra nana	-	-	-	-	-	-
357	Synedra rumpens	-	-	-	-	-	-
358	Synedra ulna	1	1	2	4	3	0
359	Tabellaria fenestrata	3	0	6	4	0	0
360	Tabellaria flocculosa	3	4	6	0	0	0
361	Gyrosigma acuminatum	4	0	0	8	2	0
362	Nitzschia filiformis	-	-	-	-	-	-
363	Nitzschia Hantzschiana	2	2	5	3	0	0
364	Attheya zachariasii	3	0	4	6	0	0
365	FRUSTULIA RHOMBOIDES	3	4	6	0	0	0
366	BACILLARIA PARADOXA	4	0	2	8	0	0
367	Navicula hungaricavar.capitata	3	0	0	6	4	0
368	Navicula dicephala	-	-	-	-	-	-
369	Stauroneis Smithii	-	-	-	-	-	-

CHLOROPHYTA

372	Species divers :	-	-	-	-	-	-
373	Actinastrum spp.	-	-	-	-	-	-
375	Actinastrum Hantzschii	4	0	1	8	1	0
376	Ankistrodesmus spp	-	-	-	-	-	-
377	Ankistrodesmus falcatus	2	0	1	5	4	0
379	Botryococcus spp.	-	-	-	-	-	-
380	Carteria spp.	-	-	-	-	-	-
381	Chaetophora spp.	-	-	-	-	-	-
382	Characium spp.	-	-	-	-	-	-
383	Chlamydomonas spp	-	-	-	-	-	-
384	Chorella spp.	-	-	-	-	-	-
385	Chlorogonium spp.	-	-	-	-	-	-
386	Cladophora spp.	1	1	3	4	2	0
387	Closteriopsis longissima	-	-	-	-	-	-
388	Closterium spp.	-	-	-	-	-	-
389	Closterium acerosum	4	0	0	2	8	0
390	Closterium Ehrenbergii	4	0	2	8	0	0
392	Closterium pronum	-	-	-	-	-	-
393	Closterium strigosum	2	0	2	4	4	0
394	Coelastrum spp.	-	-	-	-	-	-
395	Coelastrum microporum	4	0	1	8	1	0
396	Cosmarium spp.	-	-	-	-	-	-
397	Cosmarium botrytis	4	0	0	2	8	0
398	Crucigenia spp.	2	0	2	6	2	0
399	Crucigenia crucifera	2	0	2	6	2	0
400	Crucigenia fenestrata	2	0	2	6	2	0
401	Crucigenia irregularis	2	0	2	6	2	0
402	Crucigenia quadrata	2	0	2	6	2	0
403	Crucigenia rectangularis	2	0	1	4	5	0
404	Crucigenia tetrapedia	2	0	4	4	2	0
405	Crucigenia truncata	2	0	2	6	2	0
407	Eudorina elegans	3	0	2	7	1	0
408	Dictyosphaerium ehrenbergianum	5	0	0	10	0	0
409	Dictyosphaerium pulchellum	3	0	1	7	2	0
410	Gloeocystis spp.	-	-	-	-	-	-
411	Golenkinia radiata	-	-	-	-	-	-
412	Gonium pectorale	2	0	0	2	4	4
413	Gonium sociale	3	0	0	4	6	0

414	<i>Kirchneriella lunaris</i>	5	0	0	10	0	0
415	<i>Kirchneriella obesa</i>	5	0	0	10	0	0
416	<i>Lagerheimia</i> spp.	-	-	-	-	-	-
417	<i>Lagerheimia ciliata</i>	-	-	-	-	-	-
419	<i>Lagerheimia quadriseta</i>	-	-	-	-	-	-
420	<i>Micractinium</i> spp.	-	-	-	-	-	-
421	<i>Micractinium pusillum</i>	4	0	1	8	1	0
422	<i>Microspora</i> spp.	3	4	5	1	0	0
423	<i>Microthamnion</i> spp.	-	-	-	-	-	-
424	<i>Oocystis</i> spp.	-	-	-	-	-	-
425	<i>Oocystis crassa</i>	-	-	-	-	-	-
426	<i>Oedogonium</i> spp.	-	-	-	-	-	-
427	<i>Pandorina morum</i>	3	0	2	6	2	0
428	<i>Pediastrum</i> spp.	-	-	-	-	-	-
429	<i>Pediastrum biradiatum</i>	-	-	-	-	-	-
430	<i>Pediastrum Boryanum</i>	3	0	2	7	1	0
431	<i>Pediastrum duplex</i>	3	0	3	7	0	0
432	<i>Pediastrum obtusum</i>	-	-	-	-	-	-
434	<i>Pediastrum tetras</i>	3	0	3	6	1	0
436	<i>Scenedesmus</i> spp.	2	0	2	6	2	0
437	<i>Scenedesmus abundans</i>	2	0	2	6	2	0
438	<i>Scenedesmus acuminatus</i>	4	0	0	8	2	0
439	<i>Scenedesmus armatus</i>	2	0	2	6	2	0
440	<i>Scenedesmus arcuatus</i>	4	0	2	8	0	0
441	<i>Scenedesmus bicaudatus</i>	2	0	2	6	2	0
442	<i>Scenedesmus bijuga</i>	5	0	0	10	0	0
443	<i>Scenedesmus denticulatus</i>	2	0	2	7	1	0
444	<i>Scenedesmus dimorphus</i>	2	0	2	6	2	0
445	<i>Scenedesmus incrassulatus</i>	2	0	2	6	2	0
446	<i>Scenedesmus longus</i>	2	0	2	6	2	0
447	<i>Scenedesmus obliquus</i>	4	0	0	7	3	0
448	<i>Scenedesmus opoliensis</i>	5	0	0	10	0	0
449	<i>Scenedesmus quadricauda</i>	3	0	2	6	2	0
450	<i>Selenastrum bibraianum</i>	3	0	1	6	3	0
451	<i>Selenastrum gracile</i>	3	0	1	7	2	0
452	<i>Spirogyra</i> spp.	-	-	-	-	-	-
453	<i>Staurastrum</i> spp.	-	-	-	-	-	-
454	<i>Staurastrum paradoxum</i>	-	-	-	-	-	-
455	<i>Stigeoclonium tenue</i>	4	0	0	3	7	0
456	<i>Tetradesmus Smithii</i>	-	-	-	-	-	-
458	<i>Tetraedron</i> spp.	-	-	-	-	-	-
459	<i>Tetraedron caudatum</i>	5	0	0	10	0	0
461	<i>Tetraedron minimum</i>	3	0	1	7	2	0
463	<i>Tetraedron regulare</i>	-	-	-	-	-	-
464	<i>Tetraedron quadratum</i>	-	-	-	-	-	-
465	<i>Tetraedron trigonum</i>	3	0	1	7	2	0
466	<i>Tetrastrum staurogeniaeforme</i>	4	0	0	8	2	0
467	<i>Treubaria setigerum</i>	5	0	0	10	0	0
468	<i>Ulothrix</i> spp.	-	-	-	-	-	-
469	<i>Ulothrix zonata</i>	2	2	5	3	0	0
471	<i>Zygnema</i> spp.	-	-	-	-	-	-
472	<i>Coleochaeta</i> spp.	3	0	5	5	0	0
473	<i>Westella linearis</i>	5	0	0	10	0	0
474	<i>Polyedriopsis spinulosa</i>	4	0	1	8	1	0
475	<i>Haematococcus lacustris</i>	-	-	-	-	-	-
476	<i>Sphaerocystis schroeteri</i>	5	0	10	0	0	0
477	<i>Tetrastrum heteracanthum</i>	-	-	-	-	-	-
478	<i>Pteromonas angulosa</i>	5	0	0	10	0	0
479	x x	-	-	-	-	-	-
480	<i>Mougeoutia</i> spp.	-	-	-	-	-	-
481	<i>Quadrigula</i> spp.	-	-	-	-	-	-

FUNGI : MYCOPHYTA

RHIZOPODA : SARCODINA - HELIOZOA

485 Species divers	-	-	-	-	-	-
486 Actinophrys spp.	3	0	0	5	5	0
487 Amoeba spp.	-	-	-	-	-	-
488 Amoeba gorgonia	-	-	-	-	-	-
489 Amoeba vesperilio	-	-	-	-	-	-
490 Arcella discoides	3	0	5	5	0	0
491 Arcella vulgaris	1	1	2	5	2	0
493 Centropyxis discoides	3	0	6	4	0	0
497 Diffflugia spp.	-	-	-	-	-	-
498 Diffflugia oblonga	3	0	6	4	0	0
499 Diffflugia rubescens	-	-	-	-	-	-
502 Nebela spp.	-	-	-	-	-	-
503 Trinema spp.	-	-	-	-	-	-
504 Trinema lineare	3	0	3	6	1	0
505 x x	-	-	-	-	-	-
511 Spondylomorom sp.	-	-	-	-	-	-
512 Phacotus sp.	-	-	-	-	-	-

CILIATA

516 Species divers	3	0	0	0	5	5
519 Amphileptus spp.	-	-	-	-	-	-
520 Amphileptus claparedei	4	0	0	2	8	0
522 Aspidisca costata	4	0	0	2	8	0
527 Campanella umbellaria	3	0	0	5	5	0
528 Carchesium spp.	-	-	-	-	-	-
529 Carchesium polypinum	3	0	0	2	7	1
530 Chaetospira entzi	-	-	-	-	-	-
533 Chilodonella spp.	-	-	-	-	-	-
534 Chilodonella cucullulus	5	0	0	1	9	0
535 Chilodonella uncinata	5	0	0	0	10	0
538 Coleps hirtus	3	0	0	5	5	0
539 Colpidium spp.	-	-	-	-	-	-
541 Colpidium colpoda	4	0	0	0	3	7
542 Colpoda cucullus	4	0	0	0	7	3
543 Colpoda steini	4	0	0	0	2	8
544 Cyclidium spp.	-	-	-	-	-	-
545 Cyclidium citrullus	4	0	0	1	8	1
548 Didinium nasutum	3	0	1	6	2	1
549 Dileptus anser	3	0	4	6	0	0
550 Epistylis plicatilis	3	0	0	1	7	2
552 Euplotes affinis	3	0	1	6	3	0
553 Euplotes patella	4	0	0	8	2	0
558 Glaucoma pyriforme(Tetrahymena pyr)	5	0	0	0	0	10
559 Glaucoma scintillans	4	0	0	0	2	8
560 Halteria grandinella	3	0	2	7	1	0
562 Hemiophrys bivacuolata	5	0	0	10	0	0
563 Hemiophrys pleurosigma	3	0	0	5	5	0
564 Lacrymaria olor	5	0	0	10	0	0
566 Lionotus fasciola	4	0	0	1	8	1
567 Lionotus lamella	4	0	0	8	2	0
569 Opercularia coarctata	3	0	0	0	4	6
573 Ophridium versatile	4	0	8	2	0	0
574 Oxytricha fallax	4	0	0	1	8	1
575 Paramecium spp.	-	-	-	-	-	-
576 Paramecium bursaria	4	0	0	7	3	0
577 Paramecium caudatum	4	0	0	0	7	3
580 Phascolodon vorticella	5	0	0	10	0	0

585	Prorodon teres	5	0	0	0	10	0
588	Spirostomum teres	4	0	0	1	8	1
590	Stentor coeruleus	4	0	0	2	8	0
592	Stentor roeseli	3	0	0	5	5	0
594	Strombidium spp.	-	-	-	-	-	-
595	Stylonichia spp.	-	-	-	-	-	-
596	Stylonichia mytilus	5	0	0	1	9	0
599	Thuricola folliculata	3	0	2	6	2	0
601	Trachelius ovum	3	0	0	5	5	0
606	Uronema spp.	-	-	-	-	-	-
607	Uronema marinum	4	0	0	0	7	3
610	Vaginicola ingenita	3	0	0	6	4	0
611	Vorticella spp.	3	0	0	0	5	5
612	Vorticella campanula	3	0	1	6	3	0
613	Vorticella convallaria	5	0	0	1	9	0
614	Vorticella microstoma	5	0	0	0	0	10
616	Zoothamnium spp.	3	0	0	5	5	0
617	Trochilia minuta	5	0	0	1	9	0
618	Pyxicola constricta	-	-	-	-	-	-

SUCTORIA :

630	Metacineta mystacina	3	0	0	5	5	0
631	Podophrya fixa	3	0	0	1	2	7
632	Tokophrya spp.	-	-	-	-	-	-
634	Acineta lacustris	3	0	0	0	4	6

ROTATORIA :

640	Species divers	-	-	-	-	-	-
641	Anurea aculeata	-	-	-	-	-	-
642	Anurea cochlearis	2	2	3	5	0	0
647	Brachionus angularis	3	0	0	5	5	0
648	Brachionus Bakeri	-	-	-	-	-	-
650	Brachionus pala	3	0	0	5	5	0
652	Brachionus urceolaris	-	-	-	-	-	-
657	Colurella spp.	-	-	-	-	-	-
658	Colurella bicuspidata	-	-	-	-	-	-
659	Colurella caudata	-	-	-	-	-	-
660	Colurella compressa	-	-	-	-	-	-
665	Diurella spp.	-	-	-	-	-	-
672	Monostyla spp.	-	-	-	-	-	-
681	Polyarthra spp.	-	-	-	-	-	-
682	Polyarthra platyptera	-	-	-	-	-	-
683	Polyarthra vulgaris	2	0	3	5	2	0
687	Proales spp.	-	-	-	-	-	-
690	Rattulus spp.	-	-	-	-	-	-
692	Rotifer spp.	-	-	-	-	-	-
693	Rotifer elongatus	-	-	-	-	-	-
695	Rotifer vulgaris	3	0	0	1	6	3

NEMATODA :

704	Species divers	-	-	-	-	-	-
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CLADOCERA :

711	Daphne spp.	-	-	-	-	-	-
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COPEDA :

716 Cyclops spp.	-	-	-	-	-	-
718 Nauplii	-	-	-	-	-	-

TURBELLARIA :

731 Species divers	-	-	-	-	-	-
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INSECTA :

735 Species divers	-	-	-	-	-	-
736 Chironomus spp.	-	-	-	-	-	-
738 Simuliidae spp.	1	3	3	2	2	0

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LISTE DES CARTES - LIJST VAN DE KAARTEN .

+ 1 mm	A1, B54, C107
- 37 mu	A2, B55, C108
- 2 mu	A3, B56, C109
LW550	A4, B57, C110
LW1000	A5, B58, C111
O.M.	A6, B59, C112
Tot.S	A7, B60, C113
Al ₂ O ₃	A8, B61, C114
Fe ₂ O ₃	A9, B62, C115
TiO ₂	A10, B63, C116
CaO	A11, B64, C117
K ₂ O	A12, B65, C118
Crude	A13, B66, C119
pH	A14, B67, C120
EH	A15, B68, C121
K	A16, B69, C122
Susp.M.	A17, B70, C123
O ₂	A18, B71, C124
BOD5	A19, B72, C125
COD	A20, B73
N amm	A21, B74, C126
NO ₂ ⁻	A22, B75, C127
NO ₃ ⁻	A23, B76, C128
N org	A24, B77, C129
N tot	A25, B78, C130
PO ₄ ³⁻	A26, B79, C131
P tot	A27, B80, C132
SO ₄ ⁼	A28, B81
Cl ⁻	A29, B82, C133
F ⁻	A30, B83, C134
Tot.H.	A31, B84
Phen.	A32, B85, C135
Det.	A33, B86, C136
Cyan.	A34, B87, C137
Tot.count	A35, B88, C138
Tot.Coli.	A36, B89, C139
Fec.Coli.	A37, B90, C140

Fec.strep.	A38, B91, C141
Ba	A39, B92, C142
Cd	A40, B93, C143
Co	A41, B94, C144
Cr	A42, B95, C145
Cu	A43, B96, C146
Fe	A44, B97, C147
Hg	A45, B98, C148
Mn	A46, B99, C149
Ni	A47, B100, C150
Pb	A48, B101, C151
Sn	A49, B102, C152
Sr	A50, B103, C153
V	A51, B104, C154
Zn	A52, B105, C155
Zr	A53, B106, C156

7140 CHIFFS ATHUS Lambert coord.: 265250 - 28400 WATER

Temp C	PH	EH mV	K mcs/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
16.0	7.0	344	978	70	62	6.2	3.8	1.6	-	5.8	39	6.0	-
24.0	7.1	-	1153	60	54	4.6	1.7	0.0	-	7.6	64	16.0	-
15.5	7.5	344	379	10	59	6.0	4.5	2.8	-	5.7	27	3.5	-
MEAN 18.5	7.2	346	836	46	58	5.6	3.3	1.5	-	6.4	43	8.5	-
DEVIA. 3.7	0.2	2	305	24	2	0.7	1.1	1.0	-	0.8	13	5.0	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 j- mgP/l	P tot. mgP/l	S04=	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phn. mcg/l	dlt. mg/l	cyan. mcg/l
2.28	0.02	11.80	0.00	2.28	0.17	4.20	74	46	100	38.6	23.0	15.6	0	0.48	0.0
750527 4.00	0.04	16.20	0.10	4.10	0.29	0.30	194	84	1.90	38.0	22.7	15.2	0	0.90	0.0
750826 0.30	1.10	6.90	0.71	1.01	0.36	0.92	24	10	0.15	20.4	17.5	2.9	0	0.10	10.0
MEAN 2.19	0.39	11.63	0.27	2.46	0.27	1.81	97	46	34.02	32.3	21.1	11.2	0	0.49	3.3
DEVIA. 1.26	0.48	3.16	0.29	1.09	0.07	1.60	64	24	43.99	8.0	2.4	5.6	0	0.27	4.4

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.colli. col./dl	Pec.colli. col./dl	Pec.strep col./dl
750211 1	0	0	13	1100	0.07	210	7	2	16600	1220000	30000	10000	28000
750527 0	0	0	4	955	0.00	285	14	133	22500	3370000	120000	16000	44000
750826 4	7	0	5	250	0.00	364	0	3	0	1590000	600000	22000	6000
MEAN 1	2	0	7	768	0.02	286	7	46	13033	1583000	250000	16000	26000
DEVIA. 1	3	0	3	345	0.03	51	4	58	8688	1191333	233333	4000	13333

750211 kelthane : 240 ng/l;
 750527 Pesticides not measured
 750826 Pesticides not measured
 heptachlor epoxide : 52 ng/l;

2570 LACLAIREAU ETHE Lambert coord.: 238800 - 32200 SEDIMENTS

	H2C %	Ccior Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
730710	7.6	17.3	1.39	-	21.9	0.76	2.1	0.8	1.31	-	-	-	0.9	1.5	0.9	
740129	3.9	36.3	2.61	-	31.3	0.00	1.9	0.7	1.23	-	-	-	0.7	1.0	0.7	
MEAN	5.7	26.8	2.00	-	26.6	0.38	2.0	0.7	1.27	-	-	-	0.8	1.3	0.8	
DEVIA.	1.8	9.5	0.61	-	4.7	0.38	0.1	0.0	0.04	-	-	-	0.1	0.3	0.1	
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730710	-	-	0.02	1.16	1.12	-	2.2	-	0.28	0.00	0	35	1	-S.	0	
740129	-	-	0.00	1.05	1.20	-	1.7	-	0.26	0.03	-	51	1	-S.	0	
MEAN	-	-	0.01	1.10	1.16	-	1.9	-	0.27	0.01	0	43	1	0	0	
DEVIA.	-	-	0.00	0.06	0.04	-	0.3	-	0.01	0.01	0	8	0	0	0	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	SI ppm	V ppm	Zn ppm	Zr ppm
730710	14	1	1	0	0.00	-	420	0	3	7	-S.	2	-	14	10	270
740129	11	14	1	0	0.01	-	600	-S.	2	4	-S.	-1	-	25	30	160
MEAN	13	8	1	0	0.00	-	510	0	3	6	0	1	-	20	20	215
DEVIA.	2	7	0	0	0.00	-	90	0	1	2	0	1	-	6	10	55

2570 LACLAIREAU

ETHE

Lambert coord.: 238800 - 32200

WATER

Temp C	pH	EH mV	K mcs/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC mgC/l
730/10	8.0	329	422	10	103	10.4	8.1	7.7	-	5.0	4	59.5	38.5
740129	7.9	304	327	8	93	11.6	11.1	10.6	-	1.0	11	1.6	30.2
740220	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	7.9	316	374	9	98	11.2	9.6	9.1	-	3.0	7	30.5	38.8
DEVIA.	3.2	0.1	47	1	4	0.3	1.5	1.4	-	2.0	3	28.9	0.3

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	P tot. mgP/l	PO4 3- mgP/l	SOM mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. mg/l	N.C.H. mg/l	phln. mg/l	dft. mg/l	Cyan. mg/l
730710	0.02	0.00	3.37	0.94	0.08	14	6	0.06	16.0	0.0	0	0.00	0.0
740129	0.31	0.00	2.19	2.50	0.15	13	8	0.25	17.4	0.9	79	0.00	0.0
740220	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.17	0.00	1.55	1.72	0.10	13	7	0.15	16.7	0.4	39	0.00	0.0
DEVIA.	0.14	0.00	0.64	0.78	0.05	0	1	0.10	0.3	0.4	39	0.00	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
730710	0	0	12	130	0.16	20	0	38	55	2900	1400	85	95
740129	3	0	12	52	-	21	35	10	132	5200	500	220	120
740220	-	-	-	-	-	-	-	-	-	1200	100	5	40
MEAN	1	0	12	91	0.16	20	17	24	93	3100	666	103	85
DEVIA.	1	0	0	39	0.00	0	17	14	38	1400	488	77	30

730710 Pesticides not measured
 740129 Pesticides not detectable
 740220 Pesticides not measured

2570 LACLAIRREAU

ETHE

Lambert coord.: 238800 - 32200

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.
 A: PLANCTON number individuals x 100/l B: PERIPHYTON number individuals x 100/17cm²

	99	136	151	178	198	220	221	225	234	240	244
730710 A	-	3	-	-	-	340	-	23	-	603	7
730730 A	3	-	3	50	7	166	-	40	-	446	10
730710 B	-	-	-	12	-	325	37	46	4	1015	-
740129 B	-	-	-	-	-	16	-	16	-	66	-
730710 A	3	10	3	3	24	3	20	-	3	-	-
730730 A	-	20	3	-	13	-	7	-	-	-	-
730710 B	-	138	8	-	4	-	8	-	-	-	4
740129 B	-	-	-	-	-	-	-	6	-	2	-
730710 A	27	-	17	-	37	7	7	-	125	20	137
730730 A	53	-	10	-	23	7	-	7	77	53	27
730710 B	8	8	-	-	12	21	-	-	41	-	42
740129 B	-	-	-	4	-	-	-	-	14	-	20
730710 A	-	3	3	27	140	3	7	10	-	10	17
730730 A	7	-	-	20	17	-	3	3	-	-	3
730710 B	4	-	-	8	-	-	8	-	-	-	4
740129 B	-	-	2	4	-	2	2	2	2	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-	-	17	-	4	8	17	-	-	8
740129 B	-	2	-	-	2	2	-	2	-	-	-
730710 A	3	3	3	23	3	13	-	-	3	3	-
730730 A	-	3	-	156	7	10	-	3	-	-	-
730710 B	-	-</									

	Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/cm2	Chlor.a mg/m2	Div. SHANNON	bo	ao	bm	am	p	%Spec.	%Indiv.
730710	A	43	-	-	-	3.4	0.8	2.5	4.4	2.3	0.0	72	88
730730	A	34	-	-	-	3.5	0.8	2.5	4.8	1.9	0.0	64	82
730710	B	37	9.5	6.0	-	2.7	1.7	3.6	3.7	0.9	0.2	64	86
740129	B	21	40.5	39.9	0.3	3.4	1.9	2.9	4.0	1.2	0.0	76	87

2580 TON DAMPICOURT Lambert coord.: 232050 - 27700 SEDIMENTS

	H2C %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
730710	8.2	26.4	2.17	-	25.4	3.60	14.0	8.8	5.17	-	-	-	2.8	1.2	2.9	
740129	13.1	35.4	0.44	-	19.7	2.47	15.7	9.5	6.15	-	-	-	2.7	0.7	2.5	
MEAN	10.6	30.9	1.30	-	22.5	3.03	14.8	9.2	5.66	-	-	-	2.8	1.0	2.7	
DEVIA.	2.5	4.5	0.86	-	2.9	0.57	0.8	0.3	0.49	-	-	-	0.0	0.2	0.2	
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730710	-	-	0.13	3.33	3.58	-	1.3	-	0.68	0.00	1	80	-S.	-S.	6	
740129	-	-	0.13	2.75	3.34	-	1.3	-	0.48	0.01	-	150	-S.	-S.	3	
MEAN	-	-	0.13	3.04	3.66	-	1.3	-	0.58	0.01	1	115	1	0	5	
DEVIA.	-	-	0.00	0.29	0.32	-	0.0	-	0.10	0.01	0	35	0	0	2	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Si ppm	V ppm	Zn ppm	Zr ppm
730710	42	7	4	-1	0.09	-	990	-S.	28	45	-S.	11	-	62	110	570
740129	18	16	2	-	0.04	-	1250	-S.	12	30	-S.	-2	-	26	120	200
MEAN	30	12	3	0	0.06	-	1120	0	20	38	0	6	-	44	115	385
DEVIA.	12	5	1	0	0.02	-	130	0	8	8	0	3	-	18	5	185

2580 TON DAMPICOURT Lambert coord.: 232050 - 2/100 WATER

Temp C	pH	SH MV	K MCS/CM	Suso.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
7/30/10	7.9	333	10	0	111	10.8	7.7	6.0	-	8.1	7	60.0	37.0
7/40/129	7.5	301	387	20	84	10.5	9.4	7.3	-	6.0	37	1.6	35.2
7/40/220	-	-	-	-	-	-	-	-	-	-	-	-	-
7/40/624	7.6	-	385	15	77	7.9	5.7	2.5	-	9.7	4	17.0	-
MEAN	7.7	317	260	11	90	9.7	7.6	5.3	-	7.9	16	26.2	36.1
DEVIA.	0.2	16	167	7	13	1.2	1.3	1.8	-	1.3	14	22.5	0.9

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph.in. mgC/l	ph.in. mgC/l	dlt. mg/l	cyan. mg/l
7/30/10	0.38	0.45	1.38	1.17	0.27	0.29	28	10	0.76	18.2	17.3	0.9	0	0	0.35	0.0
7/40/129	0.71	0.07	3.29	3.40	0.02	0.07	46	12	0.20	19.6	14.5	5.1	0	0	0.00	0.0
7/40/220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/40/624	0.43	0.28	3.97	-	0.38	-	96	12	-	20.4	16.3	4.1	0	0	0.15	0.0
MEAN	0.37	0.27	2.34	2.28	0.22	0.18	56	11	0.48	19.4	16.0	3.4	0	0	0.17	0.0
DEVIA.	0.13	0.13	0.95	1.11	0.14	0.11	26	0	0.28	0.8	1.0	1.6	0	0	0.12	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
7/30/10	0	0	3	290	0.00	90	0	11	17	30000	60000	11600	1060
7/40/129	0	-	5	16	-	0	0	18	115	256000	1200000	47000	30000
7/40/220	-	-	-	-	-	-	-	-	-	60000	90000	24000	34000
7/40/624	-	17	-	-	0.13	145	-	-	70	208000	100000	12000	20800
MEAN	0	0	4	163	0.06	78	0	14	67	138500	340000	23650	21465
DEVIA.	0	0	1	127	0.06	52	0	3	33	93500	430000	11850	10535

7/30/10 Pesticides not measured
 7/40/129 Pesticides not detectable
 7/40/220 Pesticides not measured
 7/40/624 Pesticides not detectable

2580 TCN

LAMPICOURT

Lambert coord.: 232050 - 27700

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: FLANCTON number individuals x 100/l B: PERIPHYTON number individuals x 100/17cm²

730710	A	-	24	54	70	74	99	107	138	139	157	181	190
730730	A	-	-	-	-	-	-	13	-	-	20	-	46
740129	B	728	-	303	12	23	23	-	-	12	-	-	35
							4	-	4	-	-	28	-
730710	A	-	202	219	220	221	234	240	244	248	249	258	264
730730	A	12	-	40	139	-	7	60	-	-	7	113	-
740129	B	-	-	187	-	-	-	47	12	-	-	70	-
					52	32	-	132	20	4	-	24	12
730710	A	-	265	277	279	285	286	287	289	290	292	299	300
730730	A	73	-	-	20	-	7	7	20	273	7	60	114
740129	B	32	4	4	-	4	12	-	23	548	-	12	117
							-	-	48	84	4	72	-
730710	A	7	301	302	303	306	308	309	310	314	318	326	327
730730	A	-	-	93	46	-	13	432	186	-	-	-	-
740129	B	-	-	23	35	-	-	128	210	12	-	12	-
				84	56	304	8	32	-	-	24	-	4
730710	A	60	336	345	347	352	354	355	358	377	383	402	405
730730	A	303	-	-	66	13	-	-	60	-	27	-	20
740129	B	-	-	4	44	8	4	-	12	23	175	-	-
									52	-	-	8	-
730710	A	7	407	409	422	425	442	449	466	487	491	504	516
730730	A	-	-	315	-	-	7	27	-	13	-	13	13
740129	B	-	-	-	24	-	12	-	-	-	-	-	47
							4	-	4	-	4	8	-
730710	A	-	522	529	535	541	553	558	559	564	566	577	611
730730	A	-	-	-	-	-	-	13	-	-	-	-	13
740129	B	4	4	88	16	4	4	-	64	4	24	8	16

617 692

730710	A	-	7
730730	A	-	-
740129	B	16	-

	Number Species	Number Individ.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	bo	ao	bm	am	p	%spec.	%Indiv.
730710	40	2181	-	-	-	4.3	0.4	1.5	4.1	3.7	0.3	75	87
730730	36	3039	-	-	-	4.2	0.3	1.5	4.6	3.4	0.2	80	73
740129	48	2235	53.3	42.6	1.0	4.0	0.5	1.0	3.4	4.5	0.7	91	99



2590 TOM

HARMONCOURT Lambert coord.: 231400 - 25550 WATER

Temp C	pH	EH mV	K mcs/cm	Susp. s mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC mgC/l
730710	7.5	343	143	30	63	5.4	1.7	0.9	-	7.2	42	117	32.5
740129	7.5	299	654	50	77	8.8	7.8	5.9	-	5.0	59	11.6	38.4
740220	-	-	-	-	-	-	-	-	-	-	-	-	-
750527	7.9	-	394	15	93	10.5	9.2	7.7	-	5.0	8	2.1	-
MEAN	7.6	321	398	31	77	8.2	6.2	4.8	-	5.7	36	43.4	35.4
DEVIA.	0.2	22	173	12	10	1.9	3.0	2.6	-	1.0	19	48.7	2.9

N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4=	Cl- mg/l	F- mg/l	Tot. H. P	Carb. H P	N. C. H. P	ph.in. mgC/l	dit. mg/l	Cyan. mg/l
730710	1.29	0.13	3.79	4.08	0.83	0.83	165	170	0.10	31.6	15.5	15.1	0	0.00	0.0
740129	0.43	0.08	4.37	4.80	0.20	0.61	81	70	0.25	22.2	16.0	6.2	59	0.04	0.0
740220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
750527	0.30	0.24	0.04	0.34	0.22	0.47	28	8	0.12	21.6	17.2	4.3	-	-	-
MEAN	0.67	0.15	2.73	3.07	0.42	0.64	91	82	0.16	25.1	16.2	8.5	29	0.02	0.0
DEVIA.	0.41	0.06	1.80	1.82	0.27	0.13	49	58	0.06	4.3	0.7	4.4	29	0.01	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot. count col./ml	Tot. coli. col./dl	Pec. coli. col./dl	Pec. strep col./dl
730710	0	0	17	1900	0.29	620	4	9	83	300000	600000	210000	1040
740129	6	0	6	1060	-	300	0	22	122	388000	100000	60000	30000
740220	-	-	-	-	-	-	-	-	-	350000	900000	20000	25000
750527	0	0	7	250	0.09	55	0	0	20	90000	400000	38000	21000
MEAN	2	0	10	1070	0.19	325	1	10	75	282000	503000	82000	19260
DEVIA.	2	0	4	553	0.10	196	1	7	36	96000	250000	64000	9110

730710 Pesticides not measured
 740129 lindane : 80 ng/l; HCH delta : 12 ng/l;
 740220 Pesticides not measured
 750527 Pesticides not detectable

2590 TON HARNONCOURT Lambert coord.: 231400 - 25550 HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.
 A: FLANCTON number individuals x 100/l B: PERIPHYTON number individuals x 100/17cm2

	24	25	28	31	54	74	90	91	107	178	196
730710	-	433	200	-	-	33	-	-	33	-	1366
730730	-	300	-	-	-	-	-	-	-	866	633
730710	-	-	-	-	108	-	-	-	-	-	-
740129	128	-	1504	64	-	-	8	8	-	848	-
202	219	220	225	240	244	248	249	258	265	287	
730710	-	-	167	33	-	-	33	167	33	-	-
730730	-	-	133	33	67	33	-	133	-	67	-
730710	-	83	-	808	-	-	-	17	8	-	-
740129	8	-	32	-	-	-	-	-	-	-	-
290	292	300	302	303	306	309	310	317	319	323	
730710	-	-	100	10	-	267	233	-	-	33	-
730730	-	-	133	133	-	233	100	-	-	-	-
730710	-	-	92	-	-	58	-	-	-	-	-
740129	88	8	-	104	96	-	-	32	8	-	-
336	347	352	355	358	377	380	383	438	472	485	
730710	-	-	-	33	-	200	-	-	-	-	-
730730	33	33	67	-	-	-	33	-	-	-	-
730710	8	-	-	17	17	-	58	-	75	-	-
740129	-	32	-	32	-	-	-	8	-	8	-
487	491	516	522	529	535	543	559	562	566	569	
730710	-	367	-	-	-	-	-	-	-	-	-
730730	67	233	-	-	-	-	-	-	-	-	-
730710	42	-	-	1108	-	-	-	-	-	-	-
740129	48	8	16	408	16	8	104	32	56	56	-
577	607	611	613	617	659	665	693	695	704	716	
730710	33	100	-	-	-	-	-	-	-	-	-
730730	33	133	67	-	-	-	-	-	-	-	-
730710	8	108	192	-	-	8	-	8	8	8	-
740129	-	24	72	-	2	2	2	2	-	-	-

4460 TON

LAMORTEAU

Lambert coord.: 230350 - 24450

WATER

Temp C	pH	pH mV	EH mV	K mcS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740524	7.3	-	-	1030	30	50	4.5	2.5	0.0	-	5.2	134	27.5	-
741204	7.5	324	324	628	30	77	8.6	7.2	6.6	-	3.3	44	10.0	-
750211	7.6	334	334	596	85	81	9.7	8.8	5.5	-	5.8	35	7.5	-
750527	7.7	-	-	704	10	81	8.1	6.9	4.6	-	7.5	56	15.0	-
750826	7.3	344	344	583	35	70	6.7	0.0	0.0	-	12.0	74	8.5	-
MEAN	7.5	334	334	708	38	72	7.5	5.1	3.3	-	6.8	58	13.7	-
DEVIA.	0.1	6	6	128	18	9	1.5	3.1	2.7	-	2.4	28	6.0	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. P	N.C.H. F	ph.in. mcg/l	dit. mg/l	cyan. mcg/l
740624	0.29	2.62	-	-	0.70	-	128	152	-	29.6	15.5	0	0.17	0.0
741204	0.22	0.10	0.99	1.21	0.19	0.19	87	88	0.21	24.0	16.2	0	0.08	0.0
750211	0.43	0.16	0.07	0.50	0.17	0.35	64	60	6.60	26.0	18.8	24	0.06	0.0
750527	0.30	1.27	0.50	0.80	0.27	0.47	50	96	0.14	26.4	16.2	0	0.13	3.5
750826	2.10	0.40	0.40	2.50	0.05	0.60	90	54	0.00	23.6	15.5	0	0.01	0.0
MEAN	0.76	0.25	0.49	1.25	0.28	0.39	83	90	1.74	25.9	16.4	4	0.09	0.7
DEVIA.	0.67	0.10	0.25	0.62	0.17	0.12	21	27	2.43	1.7	0.9	7	0.05	1.1

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740624	-	13	-	-	0.19	550	-	0	100	292000	120000	10000	6000
741204	0	34	12	1000	2.32	224	7	0	50	-	-	-	-
750211	2	0	2	475	0.12	200	0	0	30	156500	180000	22000	10000
750527	0	1	45	520	0.18	170	7	3	22	45000	30000	10000	4000
750826	0	0	4	1300	0.00	524	0	4	0	3200000	350000	16000	8000
MEAN	0	9	15	823	0.56	333	3	1	40	923375	170000	14500	7000
DEVIA.	0	10	14	326	0.70	162	3	1	27	1138312	95000	4500	2000

740624 Pesticides not detectable
 741204 Pesticides not detectable
 750211 Pesticides not detectable
 750527 lindane : 162 ng/l; PCB : 250 ng/l;
 750826 Pesticides not measured

4470 CHIERS TORGNY Lambert coord.: 229400 - 22200 WATER

Temp C	pH	PH mv	K mcs/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BO ₅ mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
18.0	7.9	-	646	15	49	4.7	3.5	2.2	-	4.4	/	15.5	-
741204	7.6	324	587	50	87	9.0	7.8	6.4	-	4.6	18	1.6	-
750211	7.6	334	587	55	85	10.2	9.0	6.1	-	6.2	11	2.3	-
750527	7.8	-	611	16	80	8.6	7.7	6.5	-	4.0	11	2.4	-
750826	7.7	334	600	15	81	8.1	6.6	5.1	-	5.3	16	2.5	-
MEAN	7.7	330	606	30	75	8.1	6.9	5.3	-	4.9	12	4.9	-
DEVIA.	0.1	4	17	17	10	1.4	1.5	1.3	-	0.7	3	4.3	-

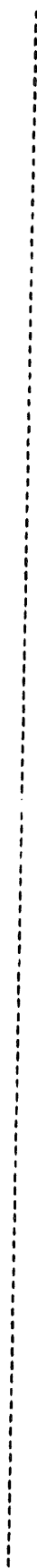
N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H. P	N.C.H. P	Phin. mcg/l	dlt. mg/l	Cyan. mcg/l
0.19	0.55	7.87	-	-	0.22	-	44	44	-	30.0	23.0	7.0	0	0.04	0.0
740624	0.48	11.47	0.29	0.77	0.70	0.14	74	22	0.38	28.2	22.5	5.7	0	0.12	0.0
750211	0.37	0.28	0.05	0.42	0.06	0.33	84	18	6.80	30.2	24.2	5.9	0	0.10	0.0
750527	0.30	0.16	0.06	0.36	0.13	0.14	78	26	0.44	30.0	22.5	7.5	0	0.05	0.0
750826	0.06	15.30	0.58	0.64	0.24	0.27	82	26	0.32	30.4	22.5	7.9	0	0.00	0.0
MEAN	0.28	3.32	0.24	0.55	0.15	0.22	72	27	1.98	29.8	22.9	6.8	0	0.06	0.0
DEVIA.	0.12	4.79	0.19	0.16	0.06	0.08	11	6	2.41	0.6	0.5	0.8	0	0.04	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
-	-	8	-	-	0.03	35	-	-	240	600	4000	1000	0
741204	0	41	5	765	0.18	74	0	67	952	-	-	-	-
750211	0	13	7	760	0.00	100	0	0	766	77000	4000	63	6300
750527	0	0	0	260	0.10	70	8	4	980	116000	6000	7000	100
750826	0	0	0	150	0.00	88	0	4	140	109000	10000	400	80
MEAN	0	12	3	483	0.06	73	2	18	615	75650	6000	2115	1620
DEVIA.	0	11	3	278	0.06	16	3	24	340	37525	2000	2442	2340

740624 Pesticides not detectable
 741204 Pesticides not detectable
 750211 Pesticides not detectable
 750527 Pesticides not detectable
 750826 Pesticides not measured

60 SERVIS		TINTIGNY										Lambert coord.: 232600 - 42050				WATER	
Temp C	PH	EH mV	K mCS/cm	Susp.N mg/l	O2 %	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph.n. mg/l	dit. mg/l	Cyan. mg/l	
710913	14.0	7.9	-	24	110	11.0	10.3	10.0	-	1.6	48	-	-	-	-	-	
N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph.n. mg/l	dit. mg/l	Cyan. mg/l		
710913	0.00	-	8.40	0.83	0.83	0.53	21	16	0.22	14.0	12.7	1.3	0	0.00	0.0		
Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl				
710913	-	0	0	175	1.82	112	0	0	24	-	3000	900	-	-	-		

/10913 Pesticides not measured



2540 RULLES HABAY-LA-NEUVE Lambert coord.: 233850 - 48500 SEDIMENTS

	H2O %	CcIor Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
730710	13.2	17.3	34.34	-	12.5	0.20	13.7	9.4	4.28	-	-	-	3.1	1.5	4.0	
740129	35.8	26.2	6.15	-	17.6	5.23	50.8	38.5	12.23	-	-	-	6.8	1.3	6.5	
MEAN	24.5	21.7	20.24	-	15.0	2.71	32.2	24.0	8.25	-	-	-	4.9	1.4	5.2	
DEVIA.	11.3	4.5	14.09	-	2.5	2.51	18.5	14.6	3.97	-	-	-	1.8	0.1	1.3	
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730710	-	-	0.05	10.68	3.94	-	0.0	-	1.63	0.00	-S.	136	-S.	-S.	-S.	10
740129	-	-	0.18	15.37	4.32	-	0.0	-	1.85	0.01	0	250	-S.	-S.	-S.	11
MEAN	-	-	0.11	13.02	4.13	-	0.0	-	1.74	0.01	0	193	0	0	0	11
DEVIA.	-	-	0.06	2.35	0.19	-	0.0	-	0.11	0.01	0	57	0	0	0	1
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
730710	85	8	23	-3	0.00	-S.	350	-S.	56	27	-S.	-S.	-	64	105	550
740129	79	18	13	-S.	0.03	-S.	220	0	38	14	-	-2	-	58	145	280
MEAN	82	13	18	0	0.01	0	285	0	47	21	0	0	-	61	125	415
DEVIA.	3	5	5	0	0.01	0	65	0	9	7	0	0	-	3	20	135

Temp C	pH	EH mV	K mCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
730/10	7.6	329	108	10	110	11.2	6.8	5.4	-	9.4	4	12.5	5.5
740129	7.0	304	99	8	84	11.4	10.7	10.5	-	2.0	7	4.8	1.2
740220	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	7.3	316	103	9	99	11.3	8.7	7.9	-	5.7	5	8.6	3.3
DEVIA.	0.3	12	4	1	10	0.1	1.4	2.6	-	3.7	1	3.9	2.1
NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SOU= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. mg/l	H.N.C.H. P	phln. mg/l	djt. mg/l	Cyan. mg/l
730710	0.00	0.87	1.11	0.26	6.16	3	6	0.09	1.2	0.3	0	1.00	0.0
740129	0.00	6.50	3.34	0.00	0.07	10	14	0.10	3.6	1.7	0	0.00	0.0
740220	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.00	3.68	2.23	0.13	3.09	6	10	0.09	2.4	1.5	0	0.50	0.0
DEVIA.	0.00	2.81	1.11	0.13	3.07	3	4	0.01	1.2	0.3	0	0.50	0.0
Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
730710	0	0	10	360	0.09	40	0	11	20	33000	4600	170	645
740129	3	4	4	22	-	43	0	8	75	9700	750	120	940
740220	-	-	-	-	-	-	-	-	-	1200	60	0	0
MEAN	1	2	7	191	0.09	41	0	9	47	14633	1803	96	528
DEVIA.	1	2	3	169	0.00	1	0	1	27	12244	1864	64	352

730710 Pesticides not measured
 740129 Pesticides not detectable
 740220 Pesticides not measured

2540 RULLES HABAY-LA-NEUVE Lambert coord.: 23J850 - 48500 HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysoophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l B: PERIPHYTON number individuals x 100/17cm2

	157	200	220	221	237	240	244	249	258	264	274
730710 A	-	-	125	4	-	108	-	-	25	8	4
730730 A	-	-	225	17	8	217	17	83	42	8	25
730710 730730 B	8	8	966	-	25	2174	-	67	83	33	50
730710 A	-	-	42	100	-	-	-	8	-	50	8
730730 A	-	-	58	-	-	-	-	17	-	17	125
730710 730730 B	17	8	-	-	75	8	67	25	8	42	358
730710 A	-	-	8	-	-	-	-	-	-	-	-
730730 A	-	-	67	75	17	-	-	-	-	-	-
730710 730730 B	58	33	-	33	17	17	8	8	17	25	133
730710 A	-	-	307	309	310	325	326	347	348	350	351
730730 A	-	-	357	358	359	360	372	377	383	396	397
730710 730730 B	352	355	83	-	-	-	42	-	4	-	-
730710 A	17	83	8	-	-	-	-	8	8	8	-
730730 A	25	75	17	8	-	8	-	-	-	-	-
730710 730730 B	-	-	-	33	8	-	-	-	-	8	16
730710 A	-	-	449	453	485	487	516	541	566	577	613
730730 A	-	-	8	-	-	-	8	-	-	-	-
730710 730730 B	-	8	-	8	0	42	17	8	8	17	67
730710 A	-	-	738	-	-	-	-	-	-	-	-
730730 A	-	-	-	-	-	-	25	-	-	-	-
730710 730730 B	0	8	-	8	-	42	17	8	8	17	67

	Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	bo	ao	bm	am	p	%Spec.	%Indiv.
730710 A	19	665	-	-	-	3.5	3.0	3.3	2.6	0.8	0.2	68	68
730730 A	27	1221	-	-	-	3.9	1.5	2.2	3.0	3.1	0.2	74	86
730710 730730 B	45	4641	57.0	38.5	0.9	3.0	1.4	2.6	3.4	2.4	0.1	71	97

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysoophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctorina; 640-702: Rotatoria; 703-739: Others.
 A: FLANCTON number individuals x 100/l
 B: PERIPHYTON number individuals x 100/17cm²

	24	59	66	74	90	102	107	112	116	123	126
730710	-	-	-	-	-	-	-	17	50	17	-
730730	-	-	-	17	-	-	50	-	17	-	-
730710 730730	-	133	8	-	-	8	33	-	17	-	17
740129 740220	92	-	-	8	4	-	-	-	-	-	-
730710	131	136	138	139	157	162	177	178	183	196	219
730730	-	17	-	-	200	150	-	918	-	-	50
730710 730730	33	-	17	17	-	83	-	1217	-	-	150
740129 740220	-	-	-	4	8	-	25	158	-	25	75
730710	220	221	225	237	240	244	248	249	254	258	264
730730	50	-	17	83	33	-	-	-	-	300	-
730710 730730	100	-	33	17	50	-	17	59	33	250	-
740129 740220	132	48	-	8	12	12	-	-	-	42	-
730710	274	278	283	285	286	287	288	290	298	299	300
730730	-	-	-	-	50	-	-	383	-	-	250
730710 730730	-	-	-	17	-	-	-	300	67	17	17
740129 740220	4	16	12	-	8	4	8	6631	-	-	17
730710	302	305	306	307	309	310	311	321	325	331	338
730730	483	-	433	-	83	100	-	-	-	-	17
730710 730730	1584	-	200	150	133	150	-	-	33	17	-
740129 740220	158	-	8	-	150	8	-	-	-	-	-
730710 740220	292	28	904	-	32	-	24	4	40	4	-
730710	339	341	345	347	350	351	352	354	355	358	359
730730	-	200	-	-	-	-	17	-	200	33	-
730710 730730	17	133	-	-	17	-	33	67	450	-	-
740129 740220	-	-	-	-	-	-	-	-	-	-	-
730710 740220	-	-	4	12	-	68	-	-	28	32	8

	363	377	380	381	382	383	395	396	402	404	409
730710 A	-	1849	17	-	-	483	-	17	167	-	10146
730730 A	-	350	-	-	-	1717	83	17	50	17	2034
730710 B	-	-	-	-	3765	58	-	-	-	-	-
740129 B	32	-	-	8	-	8	-	-	4	-	-
730710 A	415	426	430	431	434	436	437	441	444	445	448
730730 A	1666	-	-	-	133	733	33	33	17	17	-
730730 A	183	17	17	-	67	183	17	-	-	-	17
730710 B	-	-	8	8	-	-	-	-	17	-	-
740129 B	-	-	-	-	-	-	-	-	-	-	-
730710 A	449	461	466	472	485	487	490	491	516	522	534
730710 A	633	83	550	-	-	-	-	-	83	-	-
730730 A	283	-	33	-	-	-	17	-	100	-	-
730710 B	33	-	-	2765	17	58	-	-	42	8	-
740129 B	-	-	-	-	-	-	-	4	8	-	4
730710 A	535	541	544	553	559	564	577	590	596	607	611
730730 A	-	-	-	-	-	-	-	-	-	-	-
730710 B	17	17	17	4	4	-	4	-	4	17	17
740129 B	-	-	-	-	4	2	-	2	-	33	-
730710 A	613	640	657	-	-	-	-	-	-	-	-
730730 A	-	-	-	-	-	-	-	-	-	-	-
730710 B	4	4	-	-	-	-	-	-	-	-	-
740129 B	-	-	2	-	-	-	-	-	-	-	-

	Number Species	Number Individ.	Dry-Asfree mg/17cm2	Weight mg/cm2	Chlor.a mg/m2	Div. SHANNON	bo	Saprobity ao	bm	am	p	%Spec.	WIndiv.
730710 A	45	20882	-	-	-	J-2	0.1	0.9	6.7	2.3	0.0	75	89
730730 A	58	10360	-	-	-	4-2	0.7	1.0	4.8	3.4	0.1	81	67
730710 B	36	14407	40.0	32.0	2.7	2-1	0.4	3.3	4.4	1.8	0.1	66	69
740129 B	47	2467	61.6	38.2	2.2	3-7	0.8	0.9	3.1	5.2	0.0	78	93

2560 ROLLES

TINTIGNY

Lambert coord.: 233400 - 42950

SEDIMENTS

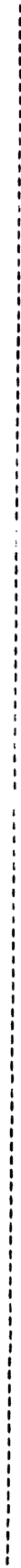
	H2C %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	IW1000 %	O.M. %	
730710	10.7	27.4	58.68	-	5.7	0.40	9.9	7.8	2.06	-	-	-	3.3	2.0	3.3	
740129	29.3	26.2	6.08	-	31.3	7.25	34.6	25.2	9.32	-	-	-	6.1	0.7	6.1	
MEAN	20.0	26.8	32.38	-	18.5	3.82	22.2	16.5	5.69	-	-	-	4.7	1.4	4.7	
DEVIA.	9.3	0.6	26.30	-	12.8	3.42	12.3	8.7	3.63	-	-	-	1.4	0.6	1.4	
P205		Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730710	-	-	0.04	10.49	6.17	-	0.1	-	1.64	0.02	0	135	-S-	-S-	-S-	17
740129	-	-	0.26	11.00	4.31	-	0.3	-	1.55	0.11	0	180	-	-S-	-S-	9
MEAN	-	-	0.15	10.74	5.24	-	0.2	-	1.59	0.07	0	158	0	0	0	13
DEVIA.	-	-	0.11	0.26	0.53	-	0.1	-	0.05	0.05	0	23	0	0	0	4
Cr ppm		Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
81	28	8	-	4	0.00	-	1560	0	102	47	-S-	-S-	-	120	139	620
72	24	8	8	-	0.06	-S-	280	0	42	15	-	-2	-	82	136	250
MEAN	77	26	8	0	0.03	0	920	0	72	31	0	0	-	101	138	435
DEVIA.	5	2	0	0	0.02	0	640	0	30	16	0	0	-	19	2	185

	Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	bo	ao	bm	am	p	%Spec.	%Indiv.
730710	A	37	-	-	-	3.2	0.0	1.4	6.6	2.0	0.0	75	95
730730	A	42	-	-	-	4.5	0.1	0.8	6.1	2.8	0.1	76	80
730710 730730	B	42	-	-	-	4.7	0.1	0.5	2.4	3.4	3.6	80	88

50 VIERKE JAMOIGNE Lambert coord.: 225750 - 43700 WATER

Temp C	pH	EH mV	K mcs/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mg/l	PIC mg/l		
13.5	-	274	-	16	109	11.0	10.9	10.7	-	0.5	11	-	-		
N amp. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F mg/l	Carb.H P mg/l	N.C.H. F mg/l	phn. mg/l	dlt. mg/l	Cyan. mg/l
0.00	-	0.00	0.45	0.45	0.09	-	13	14	0.11	4.6	4.5	0.1	0	0.00	0.0
Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Hn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl	-	-
-	0	-	9	115	0.47	38	0	41	59	-	800	200	-	-	-

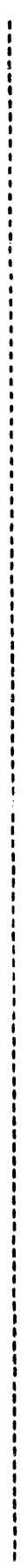
710913 Pesticides not measured



40	SEHOIS	Lambert coord.: 225400 - 43300										WATER				
Temp	C	PH	EH	K	Susp.H	02	(24h)	(48h)	(120h)	BOD5	COD	TOC	TIC			
mg/l			mg/l	mg/l	%	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l			
710913	13.5	8.2	264	-	8	115	10.8	10.5	-	1.8	18	-	-			
N	mg/l	NO2-	NO3-	N org.	N tot.	PO4 3-	P tot.	SO4=	Cl-	F-	Tot.H. Carb.	H.N.C.H.	phln.	dlc.	zvan.	
mg/l		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	F	F	F	mg/l	mg/l	
710913	0.00	-	6.00	0.56	0.56	0.33	-	20	16	0.25	13.6	12.7	0.8	0	0.00	0.0

Cd	Co	Cr	Cu	Fe	Hg	Mn	Ni	Pb	Zn	Tot.count	Tot.coli.	Fec.coli.	Fec.strep
mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	col./ml	col./dl	col./dl	col./dl
710913	-	0	0	190	1.20	21	0	9	13	-	26000	4400	-

710913 Pesticides not measured



30 SERMOIS CRASSEPIERRE Lambert coord.: 214500 - 44550 WATER

Temp C	PH	EH mV	K mCS/cm	SUSD.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
14.5	8.5	259	-	20	118	11.6	10.4	10.2	-	2.0	26	-	-

N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H P	N.C.H. F	phln. mg/l	dlt. mg/l	cyan. mg/l
0.00	-	3.60	0.78	0.78	0.17	-	14	14	0.20	7.6	7.6	0.0	0	0.00	28.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
-	0	-	0	50	0.49	26	0	0	33	-	400	0	-

710913 Pesticides not measured

20 SPMOIS		BOUTLON				Lambert coord.: 200150 - 53900				WATER						
Temp C		pH		EH mV		K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
710913	15.0	8.7		254	-	12	107	9.9	9.1	7.4	-	4.6	22	-	-	-
N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	P tot. mg/l	PO4 3- mg/l	S04= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phn. mg/l	dlc. mg/l	cyan. mg/l	
710913	0.00	-	2.40	0.78	0.78	0.17	-	16	14	0.20	4.0	4.3	0.3	0	0.00	0.0
Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.Strep col./dl			
710913	-	0	0	75	1.01	23	0	16	33	-	21000	2000	-	-	-	-

710913 Pesticides not measured



1310 SEHOIS

ALLE

Lambert coord.: 193075 - 60400

WATER

Temp C	pH	EH mV	K MCS/cm	Susp.N mg/l	O2 %	02 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
16.5	7.2	254	-	-	99	9.4	9.2	8.4	-	1.9	8	-	-

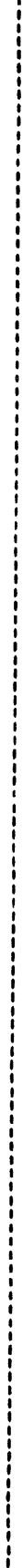
N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	P tot. mgP/l	PO4 3- mgP/l	S04= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H. F	N.C.H. P	ph.in. mg/l	ph.in. mg/l	d/t. mg/l	Cyan. mg/l
0.00	0.00	1.48	1.40	1.40	0.17	0.26	24	10	0.16	-	-	4	4	0.00	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
5	-	2	5	140	0.27	51	0	1	63	-	-	-	-

120802 Pesticides not measured

1320 REBAIS		Lambert coord.: 190625 - 59900										WATER																																			
Temp C	PH	EH mV	K mcS/cm	Susp. mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l																																		
12.5	7.4	268	-	-	97	10.0	9.6	9.6	-	0.6	4	-	-																																		
<table border="0" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">N amm. mgN/l</td> <td style="width:15%;">NO2- mg/l</td> <td style="width:15%;">NO3- mg/l</td> <td style="width:15%;">N org. mgN/l</td> <td style="width:15%;">N tot. mgN/l</td> <td style="width:15%;">PO4 mgP/l</td> <td style="width:15%;">3-P mgP/l</td> <td style="width:15%;">P tot. mgP/l</td> <td style="width:15%;">SO4= mg/l</td> <td style="width:15%;">Cl- mg/l</td> <td style="width:15%;">P- mg/l</td> <td style="width:15%;">Tot.H. P</td> <td style="width:15%;">Carb.H P</td> <td style="width:15%;">N.C.H. P</td> <td style="width:15%;">ph.n. mg/l</td> <td style="width:15%;">dlt. mg/l</td> <td style="width:15%;">cyan. mg/l</td> </tr> <tr> <td>0.00</td> <td>0.00</td> <td>0.68</td> <td>1.40</td> <td>1.40</td> <td>0.03</td> <td>0.07</td> <td>0.07</td> <td>21</td> <td>8</td> <td>0.11</td> <td>-</td> <td>-</td> <td>-</td> <td>3</td> <td>0.00</td> <td>0.0</td> </tr> </table>														N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 mgP/l	3-P mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph.n. mg/l	dlt. mg/l	cyan. mg/l	0.00	0.00	0.68	1.40	1.40	0.03	0.07	0.07	21	8	0.11	-	-	-	3	0.00	0.0
N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 mgP/l	3-P mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	ph.n. mg/l	dlt. mg/l	cyan. mg/l																															
0.00	0.00	0.68	1.40	1.40	0.03	0.07	0.07	21	8	0.11	-	-	-	3	0.00	0.0																															
<table border="0" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Cd mcg/l</td> <td style="width:15%;">Co mcg/l</td> <td style="width:15%;">Cr mcg/l</td> <td style="width:15%;">Cu mcg/l</td> <td style="width:15%;">Fe mcg/l</td> <td style="width:15%;">Hg mcg/l</td> <td style="width:15%;">Mn mcg/l</td> <td style="width:15%;">Ni mcg/l</td> <td style="width:15%;">Pb mcg/l</td> <td style="width:15%;">Zn mcg/l</td> <td style="width:15%;">Tot.count col./ml</td> <td style="width:15%;">Tot.coli. col./dl</td> <td style="width:15%;">Fec.coli. col./dl</td> <td style="width:15%;">Fec.strep col./dl</td> </tr> <tr> <td>6</td> <td>-</td> <td>0</td> <td>7</td> <td>105</td> <td>0.11</td> <td>17</td> <td>0</td> <td>3</td> <td>132</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>														Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl	6	-	0	7	105	0.11	17	0	3	132	-	-	-	-						
Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl																																		
6	-	0	7	105	0.11	17	0	3	132	-	-	-	-																																		

720802 Pesticides not measured



Temp C	pH	EH mv	K Susp.M mg/l	O2 %	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
16.5	7.4	295	-	98	9.3	8.9	8.3	1.8	8	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	P tot. mgP/l	PO4 3- mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. F mg/l	Carb.H F mg/l	N.C.H. P mg/l	ph.in. mg/l	dit. cyan. mg/l
0.00	0.00	1.62	1.12	1.12	0.17	0.11	37	12	0.20	-	-	0	0.00	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Pot.coli. col./dl	Fec.coli. col./dl	Pec.strep col./dl
6	-	0	16	140	0.20	61	0	2	167	-	-	-	-

/20802 Pesticides not measured

1340 SEMOIS VRESSE (AMCMT RUIS. Lambert coord.: 190575 - 62250 WATER

Temp C	pH	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC mgC/l
720802	15.0	1.2	-	-	94	9.2	8.9	7.0	-	4.0	4	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 j- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. P	ph.n. mg/l	dit. mg/l	Cyan. mg/l
720802	0.00	0.00	1.21	1.12	1.12	0.15	0.15	33	14	0.22	-	-	0	0.00	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720802	7	-	1	14	150	0.49	46	0	4	80	-	-	-

720802 Pesticides not measured

1350 RUISSEAU DE VRESSE		Lambert coord.: 190725 - 62500				WATER																																					
Temp C	pH	PH RV	K SUSP.M mg/l	02 %	02 (24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l																																
12.5	7.2	291	-	105	10.8	9.5	9.4	2.2	u	-	-																																
<table border="0"> <tr> <td>N amm. mg/l</td> <td>NO2- mg/l</td> <td>NO3- mg/l</td> <td>N org. mg/l</td> <td>N tot. mg/l</td> <td>PO4 3- mg/l</td> <td>P tot. mg/l</td> <td>SO4= mg/l</td> <td>CL- mg/l</td> <td>F- mg/l</td> <td>Tot.H. F mg/l</td> <td>Carb.H F mg/l</td> <td>N.C.H. F mg/l</td> <td>Phin. mg/l</td> <td>dl't. mg/l</td> <td>Cyan. mg/l</td> </tr> <tr> <td>0.00</td> <td>0.00</td> <td>4.41</td> <td>1.23</td> <td>1.23</td> <td>0.04</td> <td>0.09</td> <td>61</td> <td>8</td> <td>0.06</td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td>0.00</td> <td>0.0</td> </tr> </table>												N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 3- mg/l	P tot. mg/l	SO4= mg/l	CL- mg/l	F- mg/l	Tot.H. F mg/l	Carb.H F mg/l	N.C.H. F mg/l	Phin. mg/l	dl't. mg/l	Cyan. mg/l	0.00	0.00	4.41	1.23	1.23	0.04	0.09	61	8	0.06	-	-	-	0	0.00	0.0
N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 3- mg/l	P tot. mg/l	SO4= mg/l	CL- mg/l	F- mg/l	Tot.H. F mg/l	Carb.H F mg/l	N.C.H. F mg/l	Phin. mg/l	dl't. mg/l	Cyan. mg/l																												
0.00	0.00	4.41	1.23	1.23	0.04	0.09	61	8	0.06	-	-	-	0	0.00	0.0																												
<table border="0"> <tr> <td>Cd mg/l</td> <td>Co mg/l</td> <td>Cr mg/l</td> <td>Cu mg/l</td> <td>Fe mg/l</td> <td>Hg mg/l</td> <td>Mn mg/l</td> <td>Ni mg/l</td> <td>Pb mg/l</td> <td>Zn mg/l</td> <td>Tot.count col./ml</td> <td>tot.coli. col./dl</td> <td>Pec.coli. col./dl</td> <td>Pec.strep col./dl</td> </tr> <tr> <td>5</td> <td>-</td> <td>1</td> <td>12</td> <td>295</td> <td>0.40</td> <td>213</td> <td>0</td> <td>1</td> <td>20</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>												Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mg/l	Mn mg/l	Ni mg/l	Pb mg/l	Zn mg/l	Tot.count col./ml	tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl	5	-	1	12	295	0.40	213	0	1	20	-	-	-	-				
Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mg/l	Mn mg/l	Ni mg/l	Pb mg/l	Zn mg/l	Tot.count col./ml	tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl																														
5	-	1	12	295	0.40	213	0	1	20	-	-	-	-																														

720802 Pesticides not measured



1360 ILLINOIS VRRPSE(AVAL RUIS.) Lambert coord.: 190400 - 62250 WATER

Temp C 12.5 pH - EH MV 300 K Susp.M mg/l 02 % 97 10.0 9.3 8.8 (24h) mg/l (48h) mg/l (120h) mg/l BOD5 mg/l CJD mg/l TOC mgC/l TIC mgC/l

720802 12.5 7.1 300 - - 97 10.0 9.3 8.8 - 2.1 4 - -

N amm. NO2- mg/l NO3- mg/l N org. mg/l N tot. mg/l P tot. mg/l PO4 3- mg/l P tot. mg/l SO4= mg/l Cl- mg/l F- mg/l Tot.H. P mg/l Carb. P mg/l N.C.H. P mg/l ph.n. mg/l dlt. cyan. mg/l

720802 0.00 0.00 0.37 0.84 0.84 0.07 0.13 43 8 0.10 - - 0 0.00 0.0

Cd mg/l Co mg/l Cr mg/l Cu mg/l Fe mg/l Hg mg/l Mn mg/l Ni mg/l Pb mg/l Zn mg/l Tot.count col./ml Tot.coli. col./dl Pec.coli. col./dl Pec.strep col./dl

720802 4 - 0 19 170 1.79 106 0 1 303 - - -

720802 pesticides not measured

1370 HEMBRETTE Lambert coord.: 188350 - 61450 WATER

Temp C	PH	EH	K	Susp.M	02	02	(24h)	(48h)	(120h)	BOD5	COD	TOC	FIC
		mg/l	mg/cm	mg/l	%	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mgC/l	mgC/l
720802	7.1	305	-	-	94	10.0	9.6	8.8	-	2.2	4	-	-
N amm.	N02-	N03-	N org.	N tot.	PO4 3-	P tot.	SO4=	Cl-	F-	Tot.H. Carb.H	N.C.H.	ph1n.	dit. cyan.
mg/l	mg/l	mg/l	mg/l	mg/l	mgP/l	mgP/l	mg/l	mg/l	mg/l	P	P	mg/l	mg/l
720802	0.00	0.66	1.40	1.40	0.04	0.08	32	10	0.28	-	-	0	0.00
Cd	Co	Cr	Cu	Fe	Hg	Hn	Mn	Pb	Zn	Tot.couent	tot.coli.	Pec.coli.	Pec.strep
mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	col./ml	col./dl	col./dl	col./dl
720802	-	0	5	295	1.47	138	0	1	130	-	-	-	-

720802 Pesticides not measured



10 SEMOIS

BORAN

Lambert coord.: 187075 - 61550

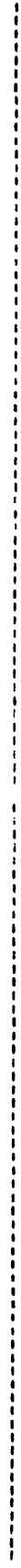
WATER

Temp C	pH	EH MV	K mcs/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
15.0	8.7	239	-	40	87	8.5	6.7	6.7	-	2.0	18	-	-
20.0	7.6	-	257	20	98	4.1	5.2	0.2	-	16.8	18	12.0	-
4.0	7.3	234	152	45	96	12.7	12.5	9.6	-	6.0	8	1.5	-
19.0	7.7	394	189	40	105	9.9	8.6	6.7	-	5.8	18	6.7	-
MEAN	14.5	1.8	199	36	96	10.0	8.2	5.8	-	7.6	15	6.7	-
DEVIA.	5.2	0.4	38	8	5	1.3	2.3	2.8	-	4.5	3	3.5	-

NAME	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- P mgP/l	SOU= mg/l	CL- mg/l	F- mg/l	Tot.H. P mg/l	Carb.H P mg/l	N.C.H. P mg/l	phn. mgC/l	dlt. cyan. mg/l
710913	0.00	1.56	0.73	0.73	0.25	30	8	0.28	7.6	7.6	0.0	0	0.00
740624	0.05	0.77	-	0.24	16	16	10	-	7.4	6.3	1.1	0	0.16
750226	0.13	6.50	1.07	1.20	0.08	12	10	0.70	6.0	5.0	1.0	29	41.0
750623	0.08	3.70	0.10	0.18	0.04	6	10	0.00	3.8	2.5	1.8	0	0.00
MEAN	0.06	2.98	0.63	0.70	0.18	16	9	0.33	6.2	5.3	1.0	7	0.06
DEVIA.	0.04	1.82	0.36	0.35	0.09	7	0	0.25	1.3	1.6	0.5	11	0.06

Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mg/l	Mn mg/l	Ni mg/l	Pb mg/l	Zn mg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
-	0	-	3	100	1.07	22	0	26	30	-	50000	49000	-
740624	-	13	-	-	0.24	45	-	-	70	2400	6000	1000	1200
750226	0	4	5	110	0.20	0	0	0	0	4900	2000	100	210
750623	0	0	9	140	0.12	150	11	1	70	12400	10000	1000	650
MEAN	0	0	5	116	0.41	66	3	9	42	6566	17000	12775	690
DEVIA.	0	0	2	15	0.33	55	4	11	27	3888	16500	18112	340

710913 Pesticides not measured
 740624 Pesticides not detectable
 750226 Pesticides not detectable
 750623 Pesticides not detectable



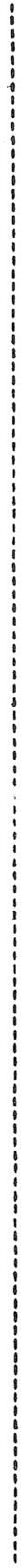
4280 VIROIN LAKEE Lambert coord.: 173050 - 86450 WATER

Temp C	pH	PH MV	K Susp. mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	CDD mg/l	TOC mgC/l	TIC mgC/l
12.0	7.7	-	408	85	4.2	4.1	9.0	-	0.3	11	11.5	-
5.0	7.9	329	269	96	12.3	12.0	11.2	-	4.0	8	1.6	-
15.0	7.9	404	364	84	8.6	7.4	7.3	-	2.0	7	3.8	-
MEAN	7.8	366	347	88	10.0	9.5	9.2	-	2.1	8	5.6	-
DEVIA.	0.1	37	52	5	1.5	1.7	1.4	-	1.3	1	3.9	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. mg/l	N.C.H. P mg/l	phln. mg/l	dlt. cyan. mg/l
0.05	-	1.92	2.05	2.10	0.22	0.22	22	16	0.00	20.6	17.0	0	0.00
0.04	0.06	5.30	2.40	2.50	0.14	0.14	18	14	0.70	13.0	11.0	29	0.00
0.09	2.20	8.20	1.11	1.20	0.04	0.05	20	16	0.00	18.0	15.2	7	0.03
MEAN	0.06	1.13	1.85	1.93	0.11	0.14	20	15	0.23	17.2	14.4	12	0.01
DEVIA.	0.02	1.07	0.50	0.49	0.07	0.06	1	0	0.31	2.8	2.3	11	0.02

Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Mg mg/l	Mn mg/l	Ni mg/l	Pb mg/l	Zn mg/l	Tot.count. col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./fl
0	0	10	0	270	0.00	55	16	22	175	4750	140000	1500	100
0	0	1	5	115	0.00	20	7	0	0	3750	6400	200	760
0	0	2	0	140	0.00	85	5	0	12	26000	10000	2000	940
MEAN	0	4	1	175	0.00	53	9	7	62	11300	52133	1233	600
DEVIA.	0	3	2	63	0.00	22	4	9	75	9800	58577	688	333

740610 Pesticides not detectable
 750226 Pesticides not detectable
 750623 Pesticides not detectable



4270 HOUILLE

FELENNE

Lambert coord.: 184050 - 81400

WATER

Temp C	pH	EH mV	K mcs/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740610	7.2	-	88	12	103	11.4	10.2	8.3	-	5.6	4	15.0	-
750226	7.4	324	92	35	94	12.7	12.5	9.8	-	5.4	4	0.8	-
750623	7.7	394	87	10	93	9.5	8.6	8.2	-	1.7	7	3.4	-
MEAN	7.4	359	89	19	96	11.2	10.4	8.8	-	4.2	5	6.4	-
DEVIA.	0.2	35	2	10	4	1.1	1.4	0.7	-	1.7	1	5.7	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	Phin. mgC/l	dlt. mg/l	Cyan. mgC/l
740610	-	0.90	4.05	4.10	0.13	0.13	14	8	0.00	3.8	2.5	1.3	0	0.00	0.0
750226	0.08	5.60	2.15	2.30	0.02	0.03	10	10	0.63	3.2	1.7	1.4	59	0.00	0.0
750623	0.02	5.80	1.12	1.20	0.04	0.05	6	10	0.00	8.2	7.5	0.7	0	0.00	0.0
MEAN	0.09	4.10	2.44	2.53	0.06	0.07	10	9	0.21	5.1	3.9	1.1	19	0.00	0.0
DEVIA.	0.04	0.03	1.07	1.04	0.04	0.04	2	0	0.28	2.1	2.4	0.3	26	0.00	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740610	0	0	11	300	0.15	40	6	13	85	7450	140000	1300	350
750226	0	0	0	50	0.00	30	10	0	0	2950	200	200	230
750623	1	0	0	220	0.00	75	4	3	97	15000	25000	500	2720
MEAN	0	0	3	190	0.05	48	6	5	60	8466	55066	666	1100
DEVIA.	0	0	4	93	0.07	17	2	5	40	4355	56622	422	1080

740610 Pesticides not detectable
 750226 Pesticides not detectable
 750623 dieldrin : H ng/l;

710913 Pesticides not measured
720426 lindane : 11 ng/l; endosulfan alpha : 8 ng/l; dieldrin : -2 ng/l; DDE : 5 ng/l;
730406 Pesticides not measured
730717 Pesticides not measured
730926 Pesticides not measured
740610 HCH alpha : 8 ng/l; lindane : 21 ng/l;
741112 Pesticides not measured
750210 Pesticides not detectable
750401 lindane : 61 ng/l;
750603 Pesticides not detectable
750805 lindane : 48 ng/l;

	402	403	404	408	409	414	417	421	424	427	430
720426 720525 B	-	-	-	-	-	-	-	420	-	-	-
730717 A	480	960	320	5840	-	-	-	-	320	-	240
730926 A	-	-	266	-	60	233	33	67	433	33	-
720426 720529 B	431	432	434	436	437	438	439	441	442	443	444
730717 A	320	80	80	-	400	1680	-	-	-	-	-
730926 A	266	-	-	33	-	166	33	80	100	100	160
720426 720529 B	445	449	451	459	461	463	466	467	485	487	490
730717 A	720	4080	480	80	80	-	-	-	-	-	20
730926 A	-	1466	33	100	-	33	1132	200	-	-	-
720426 720529 B	516	529	544	607	611	614	631	640	642	648	650
730717 A	-	80	20	30	-	40	5	20	10	5	-
730926 A	480	-	160	-	-	-	-	-	-	-	20
	67	-	-	-	33	-	-	-	-	-	-
720426 720529 B	652	683	690	704							
730717 A	60	5	-	10							
730926 A	-	-	33	-							

	Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	bo	Saprobity ao	bm	P	%Spec.	%Indiv.
720426 720529 B	48	5103	9.7	4.4	4.9	4.0	0.0	1.8	4.5	3.0	64	88
730717 A	54	288153	-	-	-	1.5	0.0	5.0	4.7	0.3	70	98
730926 A	74	31017	-	-	-	3.9	0.0	1.8	6.9	1.4	59	62

90 MEUSE

DINANT (ANSEREMME) Lambert coord.: 188500 - 103300

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
710913	2.8	-	-	48.9	33.5	8.21	9.4	7.8	1.53	-	7.60	-	4.0	7.6	1.9	
720426	19.0	-	-	50.3	23.5	10.56	15.7	0.9	14.74	-	-	-	6.5	7.2	5.7	
MEAN	10.9	-	-	49.6	28.5	9.38	12.5	4.4	8.13	-	7.60	-	5.2	7.4	3.8	
DEVIA.	8.1	-	-	0.7	5.0	1.18	3.2	3.4	6.60	-	0.00	-	1.3	0.2	1.9	
P205		Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
710913	-	0.00	0.12	6.14	3.14	3.52	9.2	1.05	0.95	-	-1	-	-24	-19	-299	86
720426	-	0.00	0.13	6.10	3.05	0.48	9.1	0.71	1.10	0.01	0	-s.	-s.	-8	-s.	5
MEAN	-	0.00	0.12	6.12	3.09	2.00	9.1	0.88	1.02	0.01	0	0	0	0	0	46
DEVIA.	-	0.00	0.01	0.02	0.05	1.52	0.0	0.17	0.07	0.00	0	0	0	0	0	41
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Str ppm	V ppm	Zn ppm	Zr ppm
710913	55	39	6	4	0.13	-	576	-2	25	104	-49	17	53	28	358	443
720426	51	31	2	1	0.06	-	430	0	24	44	-s.	5	25	31	335	400
MEAN	53	35	4	3	0.09	-	503	0	25	74	0	11	39	30	347	422
DEVIA.	2	4	2	2	0.03	-	73	0	1	30	0	6	14	2	12	22

90 HEUSE DINANT(ANSEPEMPE) Lambert coord.: 188500 - 103300 WATER

Temp C	pH	PH MV	K mcs/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	CDD mg/l	TOC mgC/l	TIC mgC/l
20.2	8.2	274	-	40	78	6.9	-	4.7	-	3.2	22	-	-
5.5	8.0	322	-	35	98	10.9	9.3	-	4.4	6.5	11	-	-
MEAN	8.1	298	-	37	88	8.9	9.3	4.7	4.4	4.8	16	-	-
DEVIA.	0.1	24	-	2	10	2.0	0.0	0.0	0.0	1.6	5	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. mg/l	N.C.H. mg/l	F mg/l	phln. mg/l	dlc. cyan. mg/l
0.00	-	3.60	2.80	0.01	-	37	18	0.66	18.2	17.0	1.2	0	0.00
0.00	-	6.72	2.35	0.00	0.02	28	14	0.31	17.2	14.9	2.3	0	0.00
MEAN	-	4.86	2.57	0.01	0.02	32	16	0.48	17.7	15.9	1.7	0	0.00
DEVIA.	-	1.26	0.22	0.00	0.00	4	2	0.18	0.5	1.1	0.5	0	0.00

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Pec.strep col./dl
-	0	-	5	55	0.30	155	0	14	52	-	-	-	-
3	0	3	22	98	0.15	32	0	6	118	1169	63	110	110
MEAN	0	0	13	76	0.22	93	0	10	85	1169	63	110	110
DEVIA.	0	0	8	21	0.07	61	0	4	33	0	0	0	0

710913 Pesticides not measured
 720426 lindane : 12 ng/l; endosulfan alpha : -2 ng/l; DDE : 5 ng/l;

860 LESSE

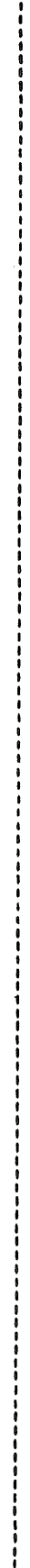
DINANT (ANSEREMME) Lambert coord.: 188550 - 103200

SEDIMENTS

H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu % f.m.	+63mu % f.m.	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
34.9	-	-	15.6	7.2	1.14	76.0	1.8	74.18	3.9	13.83	-	12.1	3.0	6.4	
MEAN	-	-	15.6	7.2	1.14	76.0	1.8	74.18	3.9	13.83	-	12.1	3.0	6.4	
DEVIA.	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0	
E205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
-	0.00	0.19	10.97	4.70	0.83	2.2	0.90	2.40	0.23	0	400	-S.	-9	-S.	24
MEAN	0.00	0.19	10.97	4.70	0.83	2.2	0.90	2.40	0.23	0	400	0	0	0	24
DEVIA.	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0
Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	SI ppm	V ppm	Zn ppm	Zr ppm
140	79	17	1	0.17	-	2040	-1	52	140	-S.	53	15	55	425	360
MEAN	79	17	1	0.17	-	2040	0	52	140	0	53	15	55	425	360
DEVIA.	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0

860 LESSE		DINANT(ANSERENPF) Lambert coord.: 18H550 - 10J200										WATER			
Temp C	pH	EH mv	K MCS/cm	Susp.H mg/l	0.2 %	0.2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
7.0	7.3	329	-	0	92	10.9	10.8	-	8.7	2.2	7	-	-		
N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. F	Carb.H F	N.C.H. F	ph/n. mg/l	dit. cyan. mg/l	
0.00	-	7.68	0.22	0.22	0.00	0.01	10	14	0.14	7.6	6.2	1.4	0	0.00	
Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl		
3	0	1	18	146	0.30	42	0	6	85	83	280	66	280		

720426 Pesticides not detectable



B/O MEUSE DINAMT Lambert coord.: 188650 - 105600 WATER

Temp C	PH	EH MV	K Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
720426 9.0	7.8	323	-	10	95	10.7	4.5	-	7.1	3.6	19	-		
N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P mg/l	Carb. H P mg/l	N.C.H. P mg/l	phln. mg/l	dit. cyan. mg/l
720426 0.00	-	7.20	2.46	2.46	0.09	0.23	29	14	0.21	15.8	13.5	2.3	0	0.00
Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl	
720426 2	0	2	13	125	0.70	37	0	5	120	1608	3320	86	422	

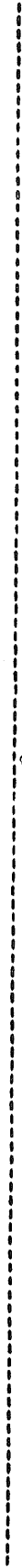
720426 lindane : 16 ng/l; DDT : 6 ng/l;

880 MEUSE YVOIR (POILLVACHE) Lambert coord.: 187200 - 110650 WATER

TEMP C	PH	EH mV	K mS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(88h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
720426	8.0	319	-	10	93	10.3	10.1	-	7.5	2.8	11	-	-		
N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	phln. mg/l	dlt. mg/l	cyan. mg/l
720426	-	9.12	1.68	1.68	0.00	0.11	21	12	0.26	16.0	14.0	2.0	0	0.00	-

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720426	2	0	2	16	174	36	0	5	100	685	1900	11	175

720426 lindane : 10 ng/l;



890 MOIIGNEE YVOIR Lambert coord.: 186075 - 111650 SEDIMENTS

	H2O %	Color units	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
720426	35.8	-	-	25.4	7.5	16.47	50.6	2.7	47.90	-	15.58	-	17.0	6.5	15.5	
MEAN	35.8	-	-	25.4	7.5	16.47	50.6	2.7	47.90	-	15.58	-	17.0	6.5	15.5	
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	-	0.00	-	0.0	0.0	0.0	
	Fe2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720426	-	0.00	0.16	8.60	3.58	0.55	9.7	0.90	1.74	0.30	0	-S.	-S.	-10	-S.	8
MEAN	-	0.00	0.16	8.60	3.58	0.55	9.7	0.90	1.74	0.30	0	0	0	0	0	8
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	SI ppm	V ppm	Zn ppm	Zr ppm
720426	65	70	5	1	0.15	-	720	-1	41	70	-S.	9	40	58	520	340
MEAN	65	70	5	1	0.15	-	720	0	41	70	0	9	40	58	520	340
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0

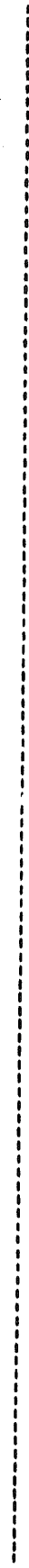
890 MOLLIGNEE YVOIR Lambert coord.: 186075 - 111650 WATER

Temp C	PH	EH MV	K mg/l	Susp.H mg/l	O2 %	O2 (24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mg/l	IIC mg/l
7.0	7.6	386	-	5	96	11.4	11.2	10.2	1.2	7	-	-
720426												

N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 3- mg/l	P tot. mg/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P mg/l	Carb.H P mg/l	N.C.H. P mg/l	phln. mg/l	djt. mg/l	Cyan. mg/l
0.00	-	13.93	3.53	3.50	0.00	0.09	29	18	0.32	25.6	20.7	4.9	0	0.00	-
720426															

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Pec.strep col./dl
9	0	1	78	32	0.70	37	85	5	163	155	530	216	577
720426													

720426 lindane : 15 ng/l;



80 MEUSE YVOIR Lambert coord.: 186150 - 112175 SEDIMENTS

H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
29.5	-	-	25.1	14.3	10.05	50.5	1.6	48.93	3.6	10.32	-	8.7	6.4	7.0
MEAN	-	-	25.1	14.3	10.05	50.5	1.6	48.93	3.6	10.32	-	8.7	6.4	7.0
DEVIA.	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0

P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
-	0.00	0.24	8.90	4.10	0.64	9.2	0.70	1.67	0.12	1	200	-s.	-10	-s.	10
MEAN	0.00	0.24	8.90	4.10	0.64	9.2	0.70	1.67	0.12	1	200	0	0	0	10
DEVIA.	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0

Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	sr ppm	V ppm	Zn ppm	Zr ppm
34	93	5	0	0.31	-	1600	-1	44	95	-s.	18	35	41	915	400
MEAN	93	5	0	0.31	-	1600	0	44	95	0	18	35	41	915	400
DEVIA.	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0

Temp C	pH	EH mV	K mg/l	Susp. m %	O2 mg/l	0.2 (24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mg/l	PIC mg/l
110913	8.0	274	-	116	71	1.0	5.1	-	4.8	29	-	-
720426	7.9	363	-	15	101	9.9	8.0	-	3.2	15	-	-
MEAN	7.9	318	-	65	89	9.1	6.5	-	4.0	22	-	-
DEVIA.	0.1	44	-	50	11	0.0	1.4	-	0.8	7	-	-

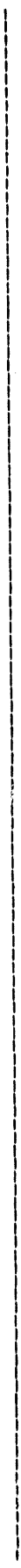
N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	P tot. mg/l	PO4 3- mg/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. F mg/l	N.C.H. F mg/l	Ph.n. mg/l	dlt. cyan. mg/l
710913	-	0.00	1.68	0.03	-	38	18	0.50	17.2	16.0	1.2	0.00
720426	-	6.56	2.41	0.13	0.29	24	16	0.26	16.6	13.5	3.1	0.00
MEAN	-	3.18	2.04	0.08	0.29	31	17	0.38	16.9	14.7	2.1	0.00
DEVIA.	-	3.18	0.37	0.05	0.00	7	1	0.12	0.3	1.3	0.9	0.00

Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mg/l	Mn mg/l	Ni mg/l	Pb mg/l	Zn mg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
710913	0	-	15	50	0.33	153	0	26	89	-	-	-	-
720426	3	0	24	212	0.54	95	14	8	128	571	660	13	110
MEAN	3	0	19	131	0.43	124	7	17	108	571	660	13	110
DEVIA.	0	0	4	81	0.10	29	7	9	19	0	0	0	0

710913 Pesticides not measured
 720426 lindane : 3 ng/l; DDE : -2 ng/l; DDT : 5 ng/l;

910 BOCQ Lambert coord.: 186175 - 112700 SEDIMENTS

YVOIR		Lambert coord.: 186175 - 112700										SEDIMENTS				
H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
25.5	-	-	6.6	7.5	16.30	69.6	66.8	2.80	2.4	3.30	-	7.6	4.8	5.0		
MEAN	-	-	6.6	7.5	16.30	69.6	66.8	2.80	2.4	3.30	-	7.6	4.8	5.0		
DEVIA.	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0		
F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	
-	0.00	0.24	7.20	2.30	0.57	5.8	0.65	1.83	0.28	0	180	-S.	20	-S.	3	
MEAN	0.00	0.24	7.20	2.30	0.57	5.8	0.65	1.83	0.28	0	180	0	20	0	3	
DEVIA.	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0	
Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm	
23	18	3	1	0.37	-	390	0	14	52	-	9	40	14	255	580	
MEAN	18	3	1	0.37	-	390	0	14	52	-	9	40	14	255	580	
DEVIA.	0	0	0	0.00	-	0	0	0	0	-	0	0	0	0	0	



910 BOCQ YVOIR Lambert coord.: 186175 - 112/00 WATER

Temp C	pH	EH mv	K Susp. B mg/l	O2 %	O2 (24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC mgC/l				
720426 6.5	8.0	350	5	98	11.7	11.1	9.4	2.3	4	-	-				
N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	P tot. mgP/l	SOM= mg/l	Cl- mg/l	F- mg/l	Tot. N. P mg/l	Carb. N. P mg/l	H.C.N. P mg/l	Phin. dlt. mg/l	Cyan. mg/l			
720426 0.00	-	14.88	2.41	2.41	0.12	0.55	27	20	0.36	24.6	19.7	4.9	0	0.00	0.0

Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mg/l	Hn mg/l	Mn mg/l	Pb mg/l	Zn mg/l	Tot. count col./dl	fec. coli. col./dl	fec. strep col./dl	
720426 2	0	1	12	58	0.49	23	14	4	80	1038	-	3100	2530

720426 lindane : 6 ng/l; endosulfan alpha : 3 ng/l; DDE : -2 ng/l; DDT : 2 ng/l;

920 MIUSE ANNEVOIE-ROUILLEN Lambert coord.: 184525 - 115425 SEDIMENTS

H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
2.0	-	-	53.0	23.0	7.30	16.7	16.6	0.10	3.1	4.00	-	3.6	7.1	2.0
MEAN	-	-	53.0	23.0	7.30	16.7	16.6	0.10	3.1	4.00	-	3.6	7.1	2.0
DEVIA.	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0

F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
-	0.00	0.06	5.75	3.15	0.43	8.6	0.65	1.25	0.00	0	-s.	-s.	-8	-s.	10
MEAN	0.00	0.06	5.75	3.15	0.43	8.6	0.65	1.25	0.00	0	0	0	0	0	10
DEVIA.	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0

Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
57	75	4	1	0.08	-	1050	0	36	85	-s.	12	35	47	340	310
MEAN	75	4	1	0.08	-	1050	0	36	85	0	12	35	47	340	310
DEVIA.	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0

920

MEUSE

ANNEVOIE-ROUILLON

Lambert coord.: 184525 - 115425

WATER

Temp C	pH	EH mV	K mS/cm	Susp.N mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
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720426 9.0 8.0 355 - 20 100 11.2 10.5 - 7.6 3.6 4 -

N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	PO4 mgP/l	3-P mgP/l	tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb. P	N.C.H. P	Ph.n. mg/l	dit. mg/l	Cyan. mg/l
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720426 0.00 - 2.76 0.95 0.95 0.01 0.14 23 16 0.25 16.6 13.2 3.4 0 0.00 0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Rg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Fot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
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720426 8 0 3 22 162 0.32 66 38 4 100 992 425 125 210

720426 lindane : 3 ng/l; DDT : 2 ng/l; HCB : -2 ng/l;

930 MDSW JAMES LAMBERT COORD.: 185250 - 12/550 WATER

Temp C	PH	BH MV	K MCS/cm	SUSP.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
9.5	8.1	347	-	5	103	11.4	9.4	-	6.0	5.4	8	-	-

N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	P tot. mgP/l	PO4 j- mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. F	Carb.H F	N.C.H. F	Phln. mg/l	dl. mg/l	cyan. mg/l
0.00	-	8.16	1.23	1.23	0.10	0.18	16	0.25	16.4	14.0	2.4	0	0.00	0.0

Cd mcg/l	Co mcg/l	Cu mcg/l	Cr mcg/l	Pb mcg/l	Hg mcg/l	Fe mcg/l	Mn mcg/l	Ni mcg/l	Zn mcg/l	Tot.count col./ml	Ict.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
3	0	22	1	4	0.17	0	55	25	90	331	1100	87	277

720426 lindane : 10 ng/l; endosulfan alpha : -2 ng/l; DDE : -2 ng/l; HCB : -2 ng/l;

4330 Sambre

FRQUELINNES

Lambert coord.: 132075 - 110425

WATER

Temp C	pH	EH mv	KH mcs/cm	Susp. M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740611	7.3	-	597	12	24	2.5	0.2	0.0	-	8.0	33	16.5	-
750121	7.5	334	766	65	99	12.4	9.2	6.4	-	10.4	47	5.8	-
750324	7.2	359	344	30	74	9.6	9.4	7.1	-	4.9	19	4.1	-
750512	7.3	389	528	70	123	13.0	9.9	5.5	-	13.5	24	7.1	-
MEAN	7.3	360	558	44	80	9.4	7.2	4.7	-	9.2	30	8.4	-
DEVIA.	0.1	18	122	23	30	3.4	3.5	2.4	-	2.7	9	4.1	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot. H. Carb. P mg/l	N. C. H. P mg/l	phln. mgC/l	dilt. mg/l	cyan. mgC/l
740611	0.04	0.07	2.69	4.70	0.35	-	64	34	0.20	28.0	27.5	0.5	0	0.12
750121	0.29	14.70	0.55	0.78	0.19	0.33	60	22	0.21	18.4	15.7	2.6	24	0.06
750324	0.50	4.00	-	-	0.85	0.85	34	12	0.14	13.0	9.2	3.8	200	0.00
750512	-	9.10	0.30	0.90	0.54	0.54	50	20	0.16	24.8	21.2	3.5	29	0.09
MEAN	0.28	6.91	1.18	2.13	0.48	0.57	52	22	0.18	21.0	18.4	2.6	63	0.07
DEVIA.	0.16	4.93	1.01	1.72	0.21	0.18	10	6	0.03	5.3	5.9	1.1	68	0.04

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot. count col./ml	Tot. coli. col./dl	Pec. coli. col./dl	Pec. strep col./dl
740611	0	0	10	9	200	0.00	8	0	235	440	600000	18000	5000
750121	1	0	1	6	940	0.15	0	0	60	-	-	-	-
750324	0	0	1	11	1520	0.04	0	5	78	144000	7000	4000	11000
750512	0	0	2	31	970	0.04	9	4	70	305000	70000	1000	700
MEAN	0	0	3	14	907	0.06	4	2	110	149813	225666	7666	5566
DEVIA.	0	0	3	8	353	0.05	4	2	62	103457	249555	6888	3622

740611 Pesticides not detectable
 750121 PCB : 2000 ng/l;
 750324 Pesticides not detectable
 750512 Pesticides not detectable

4320 THORE BERSILLIES L'ABBAY Lambert coord.: 134300 - 105550 WATER

Temp C	PH	EH MV	K mg/l	Susp. H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
12.0	7.5	-	430	12	87	9.4	7.9	6.1	-	5.7	7	11.5	-
N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot. H. Carb. mgC/l	N.C.H. mgC/l	phln. mgC/l	dl. cyan. mg/l
0.23	0.26	10.80	3.17	3.40	0.31	-	30	16	0.00	23.8	20.8	3.0	0
Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mg/l	Mn mg/l	Ni mg/l	Pb mg/l	Zn mg/l	Tot. col. coli. col./dl	Tot. col. coli. col./dl	Fec. coli. col./dl	Fec. strep. col./dl
0	0	9	0	260	0.00	71	0	0	225	154000	660000	6000	2700

740611 lindane : 12 ng/l;



4310 HANTE

MONTIGNIES ST-CHRI Lambert coord.: 136750 - 107950 WATER

Temp C	pH	PH MV	K mg/l	Susp.M mg/l	O2 %	O2 (24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
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740611	12.0	8.0	-	508	16	107	10.9	10.6	7.6	-	6.5	18	11.5	-
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N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	P tot. mgP/l	PO4 j- mgP/l	S04= mg/l	Cl- mg/l	F- mg/l	Tot.H. F mg/l	Carb.H F mg/l	N.C.H. P mg/l	phln. mg/l	dlt. cyan. mg/l
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740611	0.05	0.14	10.30	3.25	3.30	0.15	-	34	22	0.00	27.4	24.7	2.6	0	0.00	0	0.00	0.0
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Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
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740611	0	0	0	0	120	0.00	40	12	0	200	114000	420000	600	200
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740611 Pesticides not detectable

989 SAMPLE

Lambert coord.: 185250 - 128000 WATER

ANALY

Temp C	PH	DO mg/l	SUSP.M mg/l	DO2 %	DO2 mg/l	(24h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720026 14.5	7.6	352	30	76	7.9	5.1	3.9	6.6	33	-	-

N OEG. mg/l	N OEG. mg/l	P tot. mg/l	PO4 mg/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. mg/l	Card.H mg/l	N.C.H. mg/l	ph.in. mg/l	dit. mg/l	CYAN. mg/l
720026 2.63	13.92	0.30	0.19	69	194	0.76	32.6	20.0	12.6	3	0.00	0.0

Cd ng/l	Co ng/l	Cr ng/l	Cu ng/l	Pb ng/l	Hg ng/l	Mn ng/l	Ni ng/l	Zn ng/l	Tot.Count col./ml	Tot.Count col./ml	Fec.Coli. col./ml	Fec.strep col./ml
720026 6	5	3	26	203	0.91	159	17	470	2560	-	1300	-

720026 Aldrin : 16 ng/l; heptachlor : 6 ng/l; endosulfan alpha : 3 ng/l;

960 SAMSON

THON

Lambert coord.: 194325 - 128700

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec. S m2/g	LW550 %	LW1000 %	O.M. %	
720426	20.4	-	-	27.0	12.5	1.70	58.8	57.3	1.50	3.9	5.10	-	6.4	5.4	5.1	
MEAN	20.4	-	-	27.0	12.5	1.70	58.8	57.3	1.50	3.9	5.10	-	6.4	5.4	5.1	
DEVIA.	0.0	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0	
	E205 %	Cl- %	Tot. S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720426	-	0.00	0.17	7.10	3.07	0.53	7.8	0.83	1.54	0.23	1	210	-S-	-8	-S-	7
MEAN	-	0.00	0.17	7.10	3.07	0.53	7.8	0.83	1.54	0.23	1	210	0	0	0	7
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
720426	61	30	4	1	0.26	-	840	0	28	93	-S-	7	30	40	315	370
MEAN	61	30	4	1	0.26	-	840	0	28	93	0	7	30	40	315	370
DEVIA.	0	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0

970 REUSE

MANICHE

Lambert coord.: 194725 - 128850

WATER

Temp C	pH	EH mV	K mcs/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
10.0	7.9	353	-	5	101	11.0	8.0	-	4.3	6.7	4	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	P tot. mgP/l	PO4 j- mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb.H F mg/l	N.C.H. F mg/l	phn. mg/l	dit. mg/l	Cyan. mg/l		
0.00	-	8.52	1.73	1.73	0.13	0.19	31	36	0.32	18.4	14.5	3.9	0	0.00	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Pb mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
3	3	3	11	3	240	0.37	63	17	160	4500	12000	400	1080

720427 HCH alpha : 20 ng/l; lindane : 13 ng/l; heptachlor epoxide : 3 ng/l; endosulfan alpha : 2 ng/l; DDT : 16 ng/l;

2350

MEHAIGNE

DHUY

Lambert coord.: 182900 - 138775

SEDIMENTS

	H2O %	COLOR Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
730523	34.1	16.3	4.30	-	10.0	0.00	69.7	62.9	6.81	-	-	35.3	12.1	3.0	8.7	
731218	22.4	36.3	8.70	-	3.3	9.17	66.2	57.6	8.64	-	-	-	4.2	0.9	3.9	
MEAN	28.3	26.3	6.50	-	6.6	4.58	67.9	60.2	7.72	-	-	35.3	8.2	1.9	6.3	
DEVIA.	5.9	10.0	2.20	-	3.3	4.58	1.7	2.7	0.91	-	-	0.0	4.0	1.0	2.4	
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730523	-	0.00	0.62	8.46	3.16	-	4.1	-	1.56	0.06	0	212	-S.	-S.	-S.	3
731218	-	-	0.10	9.05	3.65	-	1.2	-	1.62	0.02	0	300	-S.	-S.	-S.	9
MEAN	-	0.00	0.36	8.75	3.40	-	2.7	-	1.59	0.04	0	256	0	0	0	6
DEVIA.	-	0.00	0.26	0.30	0.24	-	1.5	-	0.03	0.02	0	44	0	0	0	3
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Si ppm	V ppm	Zn ppm	Zr ppm
730523	42	19	12	-2	0.03	-	1090	-3	16	130	-S.	8	65	24	180	530
731218	58	14	9	-S.	0.03	-S.	510	-S.	20	24	-S.	3	-	46	65	780
MEAN	50	17	11	0	0.03	0	800	0	18	77	0	6	65	35	123	655
DEVIA.	8	3	2	0	0.00	0	290	0	2	53	0	3	0	11	58	125

2350 BENAIGNE DRUY Lambert coord.: 182900 - 138775 WATER

Temp C	pH	EH mv	K mcs/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC mgC/l
15.5	7.9	309	667	10	130	13.1	10.3	7.3	-	10.2	7	2.0	56.0
4.0	7.3	329	875	5	86	11.3	10.3	9.7	-	2.6	19	38.0	49.1
730523	7.6	319	771	7	107	12.2	10.3	8.5	-	6.4	13	20.0	52.5
731218	0.3	10	104	2	21	0.9	0.0	1.2	-	3.8	5	18.0	3.5
740108													
NO2- mg/l	NO3- mg/l	N org. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. mgC/l	N.C.H. mgC/l	phn. mgC/l	dit. mg/l	cyan. mgC/l	
0.00	0.04	1.23	0.04	0.21	0.21	56	0.83	32.6	24.5	8.1	9	0.00	
0.13	0.02	10.13	0.07	0.07	128	94	0.22	39.6	15.5	24.1	0	0.88	
730523	0.06	0.03	5.68	2.75	2.87	0.14	0.14	103	0.52	36.1	20.0	16.1	
731218	0.06	0.01	4.45	0.33	0.22	0.07	0.07	25	0.31	3.5	4.5	8.0	
740108													
Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Pb mg/l	Ni mg/l	Zn mg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl			
1	0	0	7	57	0.11	64	13700	12600	3100	1020			
731218							8200	1500	1100	2250			
740108							31700	5200	2700	1950			
HEAN	0	0	7	57	0.11	64	17866	6433	2300	1740			
DEVIA.	0	0	0	0	0.00	0	9222	4111	800	480			

730523 HCH alpha : 7 ng/l; lindane : 21 ng/l; HCH delta : -2 ng/l; heptachlor epoxide : 6 ng/l;
 731218 lindane : 3 ng/l; HCH delta : 4 ng/l; dieldrin : 2 ng/l;
 740108 Pesticides not measured

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctorina; 640-702: Rotatoria; 703-739: Others.

A: FLANCTON number individuals x 100/l

B: PERIPHYTON number individuals x 100/17cm²

	66	90	91	115	133	162	183	203	219	220	225
73121E	-	-	-	-	-	20	-	-	-	180	-
74010E	40	40	20	20	20	-	100	20	100	-	20
73121E	242	277	292	299	300	302	305	306	307	309	310
74010E	-	-	20	-	160	40	-	-	20	60	-
	20	40	160	40	320	-	200	180	-	180	20
73121E	324	336	345	347	358	361	383	483	516	534	606
74010E	-	20	-	140	80	-	-	20	-	-	-
	40	-	20	120	60	20	140	-	40	20	20

704

73121E
74010E

A
A

	Number Species	Number Indiv.	Dry-Asfree mg/17cm ²	Weight	Chlor.a mg/m ²	Div. SHANNON	Saprobity			p	%Spec.	%Indiv.
							bo	ao	dm			
73121E	12	785	-	-	-	3.1	0.4	2.2	4.1	3.3	0.0	66
74010E	28	2033	-	-	-	4.2	0.5	1.6	3.3	4.5	0.2	53
												71
												60

2360 MEHAIGNE MEHAIGNE Lambert coord.: 185750 - 142850 SEDIMENTE

	H2O %	COLOR Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
730523	27.0	16.3	0.80	-	10.7	13.06	67.9	62.8	5.09	-	-	43.3	7.1	2.0	6.1	
731218	24.5	36.2	0.65	-	5.2	0.33	86.0	73.5	12.49	-	-	-	5.7	0.7	5.2	
MEAN	25.8	26.2	0.72	-	7.9	6.69	77.0	68.2	8.79	-	-	43.3	6.4	1.4	5.7	
DEVIA.	1.3	10.0	0.07	-	2.8	6.36	9.1	5.3	3.70	-	-	0.0	0.7	0.6	0.4	
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730523	-	0.00	0.37	7.79	3.14	-	1.1	-	1.67	0.07	3	140	-S.	-S.	-S.	6
731218	-	-	0.08	9.26	3.46	-	0.8	-	1.56	0.02	0	340	-S.	-S.	-S.	8
MEAN	-	0.00	0.22	8.52	3.30	-	0.9	-	1.61	0.04	2	240	0	0	0	7
DEVIA.	-	0.00	0.14	0.73	0.16	-	0.1	-	0.05	0.02	1	100	0	0	0	1
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Str ppm	V ppm	Zn ppm	Zr ppm
730523	110	18	18	-2	0.00	-S.	530	-S.	31	160	-S.	8	45	72	121	970
731218	71	30	9	-S.	0.14	-S.	530	0	28	33	-S.	3	-	49	130	980
MEAN	91	24	14	0	0.07	0	530	0	30	97	0	6	45	61	126	975
DEVIA.	20	6	5	0	0.03	0	0	0	2	64	0	3	0	12	5	5

Temp C	pH	ER BV	K MCS/cm	SUSP. M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
130523	7.6	334	667	10	84	8.8	6.9	5.9	-	4.8	4	4.0	55.0
731218	7.5	330	894	10	84	11.2	10.6	9.5	-	3.1	15	38.6	45.4
740108	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	7.5	332	780	10	84	10.0	8.7	7.7	-	3.9	9	21.3	50.2
DEVIA.	0.0	2	113	0	0	1.2	1.8	1.8	-	0.8	5	17.3	4.8

M ana. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	PO4 3- mg/l	P tot. mg/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot. N. P	Carb. N P	H. C. N. P	Phn. P	dit. mg/l	Cyan. mg/l
730523	0.06	0.02	1.85	3.93	0.27	64	56	0.50	31.8	24.0	6.8	0	1.70	0.0
731218	0.09	0.01	9.66	2.25	0.09	173	96	0.26	39.2	16.5	22.7	39	-	0.0
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.08	0.01	5.75	3.09	0.18	118	76	0.38	35.5	20.2	14.7	19	1.70	0.0
DEVIA.	0.01	0.01	3.90	0.84	0.09	54	20	0.12	3.7	3.8	1.9	19	0.00	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot. count col./ml	Tot. coli. col./dl	Fec. coli. col./dl	Fec. strep col./dl
730523	0	0	307	63	0.00	124	3	8	550	15800	29800	5400	3920
731218	-	-	-	-	-	-	-	-	-	19100	2500	1600	7550
740108	-	-	-	-	-	-	-	-	-	38500	13200	3700	13700
MEAN	0	0	307	63	0.00	124	3	8	550	24466	15166	3566	8390
DEVIA.	0	0	0	0	0.00	0	0	0	0	9355	9755	1311	3540

730523 HCH alpha : 6 ng/l;
 731218 heptachlor epoxide : 5 ng/l;
 740108 pesticides not measured

HCH delta : 20 ng/l;
 heptachlor epoxide : -2 ng/l;

2360 MEHAIGNE MEHAIGNE Lambert coord.: 185750 - 142850 HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctoria; 640-702: Rctatoria; 703-739: Others.
 A: FLANCTN number individuals x 100/l B: PERIPHYTON number individuals x 100/17cm²

731218 740108 B	24	74	99	123	219	220	221	225	240	244	248
	1140	10	10	10	30	70	20	30	20	70	20
731218 740108 B	249	265	286	290	298	299	302	303	305	306	309
	10	30	20	10	70	30	130	10	20	530	110
731218 740108 B	315	317	320	321	323	338	347	352	358	361	383
	40	60	30	30	10	30	160	20	110	10	30
731218 740108 B	497	516	522	559	566	588	590	596	607	612	617
	10	40	70	40	100	10	10	20	50	20	10
731218 740108 B	655	704	718	736							
	10	10	10	10							

Number Species	Number Individ.	Dry-Asfree mg/17cm ²	Weight mg/m ²	Chlor.a mg/m ²	Div. SHANNON	Saprobity			p	%Spec.	%Indiv.	
						bo	ao	bm				
48	3373	170.8	39.7	0.7	4.0	0.1	0.8	3.6	5.1	0.4	81	94

2370 MEHAIGNE

BRANCHON

Lambert coord.: 192700 - 146525

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
730523	22.8	16.3	0.06	-	8.9	20.74	64.0	57.1	6.88	-	-	53.5	5.5	2.1	5.3	
731218	27.6	25.2	0.61	-	12.2	6.52	68.0	59.8	8.26	-	-	-	7.8	0.9	7.3	
MEAN	25.2	20.7	0.33	-	10.6	13.63	66.0	58.5	7.57	-	-	53.5	6.6	1.5	6.3	
DEVIA.	2.4	4.5	0.27	-	1.6	7.11	2.0	1.3	0.69	-	-	0.0	1.1	0.6	1.0	
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730523	-	0.00	0.28	7.94	3.26	-	1.2	-	1.68	0.09	0	135	-S-	-S-	6	8
731218	-	-	0.48	8.41	8.36	-	1.4	-	1.43	0.08	0	300	-S-	-S-	10	2
MEAN	-	0.00	0.38	8.17	5.81	-	1.3	-	1.55	0.08	0	218	0	0	0	8
DEVIA.	-	0.00	0.10	0.24	2.55	-	0.1	-	0.13	0.00	0	83	0	0	0	2
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
730523	87	24	15	-2	0.00	-S-	580	-S-	29	110	-S-	-S-	50	59	145	890
731218	61	30	7	-S-	0.22	-S-	590	0	25	40	-	3	-	46	175	1360
MEAN	74	27	11	0	0.11	0	585	0	27	75	0	2	50	53	160	1125
DEVIA.	13	3	4	0	0.06	0	5	0	2	35	0	1	0	7	15	235

1851

2370 MERRAIGNE BRANCHON Lambert coord.: 192700 - 146525 WATER

Temp C	pH	BR MV	K mcs/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	IBC mgC/l
14.0	7.6	334	681	10	99	10.3	6.7	5.9	-	7.0	7	1.0	61.0
4.0	7.5	322	860	5	80	10.8	9.8	9.6	-	1.9	19	26.5	41.2
-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.0	7.5	328	770	7	89	10.5	8.2	7.7	-	4.4	13	13.7	51.1
5.0	0.0	6	89	2	9	0.3	1.5	1.8	-	2.6	6	12.7	9.9

M amm. mg/l	NO2- mg/l	NO3- mg/l	M org. mg/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb.H F mg/l	N.C.H. F mg/l	phn. mg/l	dit. mg/l	cyan. mg/l
0.00	0.06	2.48	2.53	0.34	66	54	1.06	34.2	20.8	13.4	9	0.25
0.15	0.02	7.98	1.98	0.14	143	92	0.26	39.2	18.0	21.2	0	0.14
-	-	-	-	-	-	-	-	-	-	-	-	-
0.07	0.04	5.23	2.26	0.24	104	73	0.66	36.7	19.4	17.3	4	0.19
0.07	0.02	2.75	0.28	0.10	38	19	0.40	2.5	1.4	3.9	4	0.06

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
0	0	0	8	43	0.12	28	3	0	10	16100	24400	4600	1300
-	-	-	-	-	-	-	-	-	-	21200	10000	6000	10550
-	-	-	-	-	-	-	-	-	-	30500	39000	7600	6800
0	0	0	8	43	0.12	28	3	0	10	22600	24466	6066	6216
0	0	0	0	0	0.00	0	0	0	0	5266	9688	1022	3277

730523 HCH alpha : 13 ng/l; lindane : 120 ng/l; heptachlor epoxide : 7 ng/l;
 731218 lindane : 100 ng/l; heptachlor epoxide : 5 ng/l;
 740108 Pesticides not measured

2370 MEHAIGNE

ERANCHON

Lambert coord.: 192700 - 146525

HYDROBIOLOGY

SPECIESCODE: 15-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANCTON number individuals x 100/l
 B: PERIPHYTON number individuals x 100/17cm²

731218 740108 B	24	99	220	225	240	244	248	258	298	299	300
	270	10	30	20	40	20	20	10	90	10	30
731218 740108 B	301	302	306	309	318	321	347	358	383	445	522
	10	130	210	40	30	10	70	90	10	20	10
731218 740108 B	529	553	607	612							
	10	10	10	10							

Number Species	Number Individ.	Dry-Asfree mg/17cm ²	Weight mg/m ²	Chlor.a mg/m ²	Div. SHANNON	Saprobity			%Spec.	%Indiv.		
						bo	ao	bm				
26	1232	42.5	39.5	-	3.8	0.1	0.8	4.0	5.0	0.1	88	95

Temp C	pH	EH MV	K MCS/CM	Susp.N mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
730523	7.7	329	676	10	107	10.8	7.8	6.7	-	6.7	11	3.0	61.0
731218	7.3	324	899	20	80	10.5	0.0	0.0	-	1.0	27	29.9	37.8
740108	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	7.5	326	787	15	93	10.6	3.9	3.3	-	3.8	19	16.4	49.4
DEVIA.	0.2	2	111	5	13	0.1	3.9	3.3	-	2.8	8	13.4	11.6

N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 3-P mg/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P mg/l	Carb.H P mg/l	N.C.H. P mg/l	phln. mg/l	dit. cyan. mg/l
730523	0.14	0.04	2.48	1.88	2.01	0.31	58	0.50	35.0	27.5	7.5	12	0.00
731218	0.33	0.16	5.44	1.41	1.74	0.18	88	0.21	38.8	18.0	20.8	0	0.13
740108	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.23	0.10	3.96	1.64	1.87	0.25	73	0.35	36.9	22.7	14.1	6	0.06
DEVIA.	0.10	0.06	1.48	0.23	0.13	0.06	15	0.14	1.9	4.7	6.6	6	0.06

Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mg/l	Mn mg/l	Ni mg/l	Pb mg/l	Zn mg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
730523	0	0	3	0	0.00	0	0	8	0	29000	24000	4700	2440
731218	-	-	-	-	-	-	-	-	-	472000	63500	27400	51000
740108	-	-	-	-	-	-	-	-	-	446000	59000	16000	19000
MEAN	0	0	3	0	0.00	0	0	8	0	315666	48833	16033	28146
DEVIA.	0	0	0	0	0.00	0	0	0	0	191111	16555	7577	17902

730523 HCH alpha : 10 ng/l;
 731218 lindane : 95 ng/l;
 740108 pesticides not measured

2380 MEHAIGNE AMBRESIN Lambert coord.: 197725 - 146400 HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysoophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l B: PERIPHYTON number individuals x 100/17cm²

731218	740108	B	640	460	30	110	90	60	440	110	50	20	10
			24	28	66	220	221	225	240	244	248	258	259
731218	740108	B	265	285	286	290	298	299	300	302	304	305	306
			20	40	30	320	380	40	151	290	40	10	1060
731218	740108	B	309	318	319	320	321	323	331	336	341	347	358
			390	60	20	110	70	50	10	60	30	240	1360
731218	740108	B	460	425	438	449	516	529	535	553	559	562	566
			577	596	612								
731218	740108	B	170	10	270								

Number Species	Number Individ.	Dry-Asfree mg/17cm ²	Weight mg/m ²	Chlor.a mg/m ²	Div. SHANNON	Saprobity			%Spec.	%Indiv.		
						bo	ao	bm				
49	8294	530.4	160.8	1.5	4.5	0.3	0.9	3.5	4.5	0.8	85	96

2390

MEHAIGNE

HUCCORGENE

Lambert coord.: 206550 - 139950

SEDIMENTS

	H2O %	COLOR Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
730523	14.6	16.3	0.67	-	12.8	13.33	63.1	56.4	6.74	-	-	57.4	3.2	1.6	3.2
731218	18.7	26.2	0.31	-	12.6	11.34	63.7	52.7	10.97	-	-	-	4.9	1.0	4.3
MEAN	16.6	21.2	0.49	-	12.7	12.33	63.4	54.5	8.85	-	-	57.4	4.0	1.3	3.7
DEVIA.	2.1	5.0	0.18	-	0.1	1.00	0.3	1.9	2.11	-	-	0.0	0.8	0.3	0.6
P205	CI- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730523	-	0.00	0.08	3.15	-	1.0	-	1.73	0.02	0	136	-S.	-S.	-S.	8
731218	-	0.14	8.24	2.86	-	1.3	-	1.45	0.04	0	310	-S.	-S.	-S.	11
MEAN	-	0.00	0.11	3.02	-	1.1	-	1.59	0.03	0	223	0	0	0	10
DEVIA.	-	0.00	0.03	0.16	-	0.1	-	0.14	0.01	0	87	0	0	0	2
CI	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
730523	95	18	-2	0.00	-S.	540	-S.	41	140	-S.	-S.	50	78	130	980
731218	66	8	-S.	0.07	-S.	540	0	24	48	-S.	-1	-	49	190	1360
MEAN	81	13	0	0.03	0	540	0	33	94	0	0	50	64	160	1170
DEVIA.	15	5	0	0.02	0	0	0	9	46	0	0	0	15	30	190

Temp C	pH	EH MV	K Susp. M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	RIC mgC/l
730523	7.4	314	618	90	9.1	6.9	5.4	-	6.3	11	5.5	54.5
731218	7.5	323	864	82	10.8	6.9	4.7	-	10.2	27	20.9	26.9
740108	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	7.4	314	741	86	9.9	6.9	5.0	-	8.2	19	13.2	40.7
DEVIA.	0.1	4	123	3	0.8	0.0	0.3	-	1.9	8	7.7	13.8

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3-P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot. H. Carb. mgC/l	N.C.H. P mg/l	phln. mg/l	dlc. cyan. mg/l
730523	0.00	0.01	2.95	2.95	0.31	69	26	0.80	30.8	24.0	6.8	0.70
731218	0.16	0.01	1.36	1.36	0.11	109	88	0.28	39.8	18.0	21.8	0.11
740108	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.08	0.01	2.16	2.16	0.21	89	57	0.54	35.3	21.0	14.3	0.41
DEVIA.	0.08	0.00	0.80	0.80	0.10	20	31	0.26	4.5	3.0	7.5	0.29

Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mg/l	Mn mg/l	Ni mg/l	Pb mg/l	Zn mg/l	Tot. count col./dl	Tot. coli. col./dl	Pec. coli. col./dl	Pec. strep col./dl
730523	0	0	4	33	0.00	16	4	0	21	90000	135000	11900	7640
731218	-	-	-	-	-	-	-	-	-	518000	22000	1150	48000
740108	-	-	-	-	-	-	-	-	-	154000	53000	29500	45000
MEAN	0	0	4	33	0.00	16	4	0	21	254000	70000	14183	33546
DEVIA.	0	0	0	0	0.00	0	0	0	0	176000	43333	10211	17271

730523 HCH alpha : 9 ng/l; lindane : 326 ng/l; heptachlor epoxide : 13 ng/l;
 731218 lindane : 80 ng/l;
 740108 pesticides not measured

2390 MEHAIGNE

HUCCORGNE

Lambert coord.: 206550 - 139950

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.
 A: FLANCTON number individuals x 100/l
 B: PERIPHYTON number individuals x 100/17cm²

731218 740108 B	24	28	99	116	125	219	220	221	225	234	240
731218 740108 B	30	90	20	10	10	10	40	60	90	20	1270
731218 740108 B	244	248	249	258	265	271	283	285	288	290	298
731218 740108 B	50	10	40	30	30	10	40	10	10	240	90
731218 740108 B	300	302	303	306	309	318	319	320	321	323	336
731218 740108 B	60	470	80	910	140	70	30	90	10	40	40
731218 740108 B	347	352	358	361	386	438	449	504	516	535	553
731218 740108 B	150	40	400	10	10	10	20	30	30	10	10
731218 740108 B	559	577	607	612	614	695					
731218 740108 B	120	30	60	80	40	10					

Number Species	Number Individ.	Div-Asfree mg/17cm ²	Weight mg/m ²	Chlor.a mg/m ²	Div. SHANNON	Saprobity			%Spec.	%Indiv.		
						bo	ao	bm				
51	5245	289.0	53.6	2.1	4.1	0.4	1.0	3.4	4.5	0.7	86	96

990 MFBAIGNE		WANZE										Lambert coord.: 210125 - 137175										SEDIMENTS																	
H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Str ppm	V ppm	Zn ppm	Zr ppm		
720427	18.1	-	5.0	8.5	9.40	77.1	74.2	2.90	6.8	4.40	-	5.4	5.3	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
730523	12.1	16.3	0.33	-	20.3	9.94	53.2	6.32	-	-	25.8	3.4	4.4	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
731218	12.1	26.2	1.38	-	18.7	15.64	29.9	0.39	-	-	-	3.5	8.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	14.1	21.2	0.85	5.0	15.9	11.66	55.5	3.20	6.8	4.40	25.8	4.1	5.9	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	2.6	5.0	0.52	0.0	4.9	2.65	17.1	2.08	0.0	0.00	0.0	0.9	1.4	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Str ppm	V ppm	Zn ppm	Zr ppm								
-	0.00	0.29	7.90	2.85	0.61	6.8	0.68	1.73	0.13	0	390	-S.	14	-S.	7	-	28	11	2	0.13	-	1720	-1	26	160	-S.	9	30	47	440	1100								
-	0.00	0.14	6.57	2.41	-	5.1	-	1.43	0.10	0	195	-S.	-S.	-S.	6	-	44	4	-S.	0.01	-S.	1300	-4	20	-S.	9	40	46	255	680									
-	-	0.24	5.89	2.15	-	10.3	-	1.27	0.07	-	180	-S.	-	-S.	4	-	36	4	-3	0.10	-	710	-S.	16	-S.	8	-	30	445	530									
MEAN	0.00	0.22	6.79	2.47	0.61	7.4	0.68	1.48	0.10	0	255	0	7	0	6	-	36	6	1	0.08	0	1243	0	21	133	0	9	35	41	380	770								
DEVIA.	0.00	0.06	0.74	0.25	0.00	1.9	0.00	0.17	0.02	0	90	0	4	0	1	-	5	3	0	0.05	0	356	0	4	18	0	0	5	7	83	220								

Temp C	pH	EH mV	K mS/cm	Susp.N mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720427	7.8	352	-	5	94	10.6	9.4	-	4.2	4	-	-
730523	7.2	316	906	10	95	9.6	7.0	5.9	6.1	7	9.5	52.5
731218	7.7	322	849	50	91	11.9	9.9	9.1	4.6	42	26.9	35.7
740108	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	7.6	330	877	21	93	10.7	8.8	7.5	5.0	17	18.2	44.1
DEVIA.	0.2	14	28	18	1	0.8	1.2	1.6	0.8	16	8.7	8.4

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	ph.n. mg/l	d.t. mg/l	cyan. mg/l
720427	0.00	-	0.95	0.95	0.01	0.27	49	58	0.27	36.2	25.7	10.5	7	0.00	0.0
730523	0.06	0.03	-	-	0.05	-	65	54	0.43	29.6	23.7	5.8	0	0.35	0.0
731218	0.16	0.01	0.97	1.13	0.16	0.16	158	86	0.23	36.8	17.5	19.3	0	0.13	0.0
740108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.07	0.02	0.96	1.04	0.07	0.21	90	66	0.31	34.2	22.3	11.9	2	0.16	0.0
DEVIA.	0.06	0.01	0.01	0.09	0.06	0.05	44	13	0.08	3.1	3.2	4.9	3	0.13	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720427	6	0	36	109	0.12	105	0	4	65	1700	5200	30	1000
730523	0	0	6	30	0.08	12	6	5	20	34200	89000	12350	3520
731218	-	-	-	-	-	-	-	-	-	89900	34000	12500	13350
740108	-	-	-	-	-	-	-	-	-	207000	34000	7000	35000
MEAN	1	3	21	69	0.10	58	3	4	42	83200	40550	7970	13217
DEVIA.	1	3	15	39	0.02	46	3	0	22	65250	24225	4455	10957

720427 lindane : 10 ng/l; heptachlor epoxide : 5 ng/l; DDE : -2 ng/l; DDT : 21 ng/l;
 730523 HCH alpha : 9 ng/l; lindane : 60 ng/l;
 731218 Pesticides not detectable
 740108 Pesticides not measured

990 MEHAIGNE WANZE Lambert coord.: 210125 - 137175 HYDROBIOLOGY

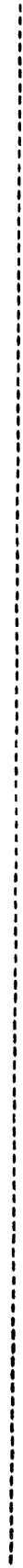
SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: FLANCTON number individuals x 100/l B: PFIPIHYTON number individuals x 100/17cm2

731218 740108 B	28	54	133	225	240	244	248	249	264	290	292
	50	50	10	30	220	20	20	20	10	50	20
731218 740108 B	298	299	300	302	303	307	309	318	323	336	347
	100	10	80	30	40	70	30	20	20	120	50
731218 740108 B	358	516	522	529	534	577	611				
	90	10	10	30	5	5	30				

Number Species	Number Individ.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	Saprobity			%Spec.	%Indiv.		
						bo	ao	bm				
30	1264	521.3	40.2	-	4.3	0.4	1.5	3.2	4.2	0.7	83	87

1000	MEUSE	FOY	Lambert coord.: 211325 - 134350										WATER				
Temp	PH	EH	K	Susp.M	O2	O2	(24h)	(48h)	(120h)	BOD5	COD	TOC	FIC				
C		mV	mCS/cm	mg/l	%	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mgC/l	mgC/l				
720421	9.5	7.8	-	25	95	10.6	8.4	-	7.1	3.5	8	-	-				
	N amp.	NO2-	NO3-	N org.	N tot.	PO4 3-	P tot.	SO4=	Cl-	F-	Tot.H. Carb.	H.N.C.H.	ph.in.	dit.	Cyan.		
	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	F	P	mg/l	mg/l	mg/l		
720427	0.00	-	3.00	2.52	2.52	0.00	0.11	33	46	0.27	-	-	8	0.00	0.0		
	Cd	Co	Cr	Cu	Fe	Hg	Mn	Ni	Pb	Zn	Tot.count	Tot.coli.	Pec.coli.	Pec.strep			
	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	col./ml	col./dl	col./dl	col./dl			
720427	5	0	2	23	185	0.15	82	17	4	125	2000	6900	265	240			
720427	lindane : 13 ng/l; endosulfan alpha : -2 ng/l;																



1010 HOYOUNG HUY Lambert coord.: 211750 - 134350 SEDIMENTS

H2O %	Colci Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
17.3	-	-	38.0	13.0	7.30	41.7	41.5	0.20	20.2	14.00	-	12.8	7.3	6.5
MEAN	-	-	38.0	13.0	7.30	41.7	41.5	0.20	20.2	14.00	-	12.8	7.3	6.5
DEVIA.	-	-	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	-	0.0	0.0	0.0

P205 %	Cl-	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
-	0.00	0.33	6.10	10.30	0.56	8.4	0.70	1.19	0.18	1	600	-S.	-11	-S.	12
MEAN	0.00	0.33	6.10	10.30	0.56	8.4	0.70	1.19	0.18	1	600	0	0	0	12
DEVIA.	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0

Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Str ppm	V ppm	Zn ppm	Zr ppm
125	95	12	2	0.02	-	1070	4	46	300	-S.	44	-4	39	4340	630
MEAN	95	12	2	0.02	-	1070	4	46	300	0	44	0	39	4340	630
DEVIA.	0	0	0	0.00	-	0	0	0	0	0	0	0	0	0	0

1010

NOYUUX

HUY

Lambert coord.: 211750 - 134350

WATER

Temp C	7.0	pH	7.7	EH mv	354	K	-	Susp. H	25	O2 %	94	O2 mg/l	10.8	9.5	-	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	4	TOC mgC/l	-	TIC mgC/l	-
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720427	0.00	720427	0.00	720427	10.68	720427	2.46	720427	2.46	720427	0.00	720427	0.11	720427	68	720427	36	720427	0.21	720427	19.2	720427	9.2	720427	7	720427	0.00	720427	0.0
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720427	0.00	720427	10.68	720427	2.46	720427	2.46	720427	0.00	720427	0.11	720427	68	720427	36	720427	0.21	720427	19.2	720427	9.2	720427	7	720427	0.00	720427	0.0
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720427 lindane : 9 ng/l; HCB : 7 ng/l;

1030 MEUSE FLEMALLE-HAUTE Lambert coord.: 227350 - 142875 SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
720427	31.1	-	-	2.5	1.9	0.20	95.4	92.0	3.40	28.0	21.70	-	12.2	10.0	13.2
720919	15.3	-	-	-	-	-	82.6	-	-	-	-	23.6	4.8	15.8	7.4
MEAN	25.2	-	-	2.5	1.9	0.20	89.0	92.0	3.40	28.0	21.70	23.6	8.5	12.9	10.3
DEVIA.	5.9	-	-	0.0	0.0	0.00	6.4	0.0	0.00	0.0	0.00	0.0	3.7	2.9	2.9

F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
-	0.00	0.44	12.70	5.93	0.72	12.2	1.53	2.17	0.23	2	380	-S.	18	-S.	10
-	0.00	0.46	9.61	4.08	0.45	17.0	1.90	1.54	0.00	1	350	-S.	-9	-S.	7
-	0.00	0.45	11.15	5.00	0.58	14.6	1.71	1.85	0.11	2	365	0	9	0	9
-	0.00	0.01	1.55	0.92	0.13	2.4	0.18	0.31	0.11	1	15	0	5	0	2

Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Si ppm	V ppm	Zn ppm	Zr ppm
100	73	16	2	1.30	-	1060	3	52	340	-S.	27	470	69	2550	340
74	100	6	-2	1.98	-S.	910	4	45	230	-S.	17	180	74	2445	405
87	87	11	1	1.64	0	985	3	49	285	0	22	325	71	2498	373
13	14	5	1	0.34	0	75	0	4	55	0	5	145	3	53	33

Lambert coord.: 227350 - 142875 WATER

1030 REUSE

FLEHALLE-HAUTE

Lambert coord.: 227350 - 142875

WATER

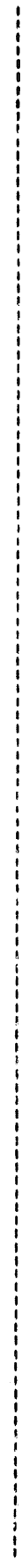
Temp C	pH	EH mv	K Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720427	7.7	352	15	8	10.3	8.9	-	5.5	4.8	8	-	-
720919	7.8	349	15	84	7.6	6.3	5.9	-	2.7	4	-	-
MEAN	7.7	350	15	46	8.9	7.6	5.9	5.5	3.7	6	-	-
DEVIA.	0.0	1	0	37	1.3	1.3	0.0	0.0	1.0	2	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- P mgP/l	PO4 3- P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. mgC/l	N.C.H. F mg/l	phn. mgC/l	dl. cyan. mg/l
720427	0.00	-	1.62	1.62	0.09	0.21	59	36	1.43	14.0	6.0	7	0.00
720919	1.24	0.09	3.04	4.28	1.69	1.69	72	46	1.42	16.5	5.9	0	0.70
MEAN	0.62	0.09	2.33	2.95	0.89	0.95	65	41	1.42	15.2	5.9	3	0.35
DEVIA.	0.62	0.00	0.71	1.33	0.80	0.74	6	5	0.01	1.3	0.1	3	0.35

Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Pb mg/l	Fe mg/l	Hg mg/l	Mn mg/l	Ni mg/l	Pb mg/l	Zn mg/l	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720427	0	3	25	158	0.14	74	43	4	210	650	9000	435	140
720919	0	0	7	255	0.67	136	10	20	538	2180	4500	1250	270
MEAN	0	1	16	206	0.40	105	26	12	374	1415	6750	842	205
DEVIA.	1	1	8	48	0.26	31	16	8	164	765	2250	407	65

lindane : ng/l	HCH alpha : ng/l
720427	5
720919	6
MEAN	5.5
DEVIA.	0.5

lindane : ng/l	heptachlor : ng/l
720427	26
720919	40
MEAN	33
DEVIA.	7



Temp C	PH	EH mv	K mcs/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	CJD mg/l	TOC mgC/l	TIC mgC/l
18.0	7.1	349	-	40	71	6.6	5.1	3.8	-	6.8	8	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 j- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P mg/l	Carb. H P mg/l	N.C.H. F mg/l	ph/n. mgC/l	djt. mg/l	Cyan. mg/l
1.65	0.09	1.17	1.73	3.38	1.52	1.53	68	36	1.53	20.8	15.5	5.3	99	0.70	0.0

Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mg/l	Mn mg/l	Ni mg/l	Pb mg/l	Zn mg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
12	0	6	8	875	0.53	223	8	14	469	14720	34000	6000	2420

720919 HCH alpha : -2 ng/l; lindane : 18 ng/l; heptachlor : 20 ng/l;

1040 MEUSE LIEGE Lambert coord.: 235675 - 145900 SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu % f.m.	+63mu % f.m.	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
720427	28.8	-	-	1.5	2.5	1.90	94.1	90.9	3.20	69.3	27.50	-	10.5	13.1	14.1	
720919	29.2	-	-	-	-	-	88.5	-	-	-	-	25.0	8.9	14.6	15.1	
MEAN	29.0	-	-	1.5	2.5	1.90	91.3	90.9	3.20	69.3	27.50	25.0	9.7	13.9	14.6	
DEVIA.	0.2	-	-	0.0	0.0	0.00	2.8	0.0	0.00	0.0	0.00	0.0	0.8	0.7	0.5	
P205		Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720427	-	0.00	0.49	11.50	6.98	0.69	13.4	1.84	1.54	0.19	2	440	-S.	22	-S.	12
720919	-	0.00	0.67	10.20	8.34	0.48	15.8	1.52	1.53	0.19	2	410	-S.	26	-S.	13
MEAN	-	0.00	0.58	10.85	7.66	0.58	14.6	1.68	1.53	0.19	2	425	0	24	0	13
DEVIA.	-	0.00	0.09	0.65	0.68	0.11	1.2	0.16	0.01	0.00	0	15	0	2	0	1
CI		Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Si ppm	V ppm	Zn ppm	Zr ppm
720427	135	83	17	3	1.15	-	1300	6	55	290	-S.	93	70	82	2380	330
720919	200	110	7	-2	-	-S.	1950	6	80	310	-S.	230	170	110	4470	220
MEAN	168	97	12	2	1.15	0	1625	6	68	300	0	162	120	96	3425	275
DEVIA.	33	14	5	1	0.00	0	325	0	13	10	0	69	50	14	1045	55

Temp C	pH	PR MV	K MCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720427	7.6	353	-	55	88	9.4	7.7	-	4.9	4.5	8	-	-
720919	7.1	309	-	30	69	6.4	5.0	0.2	-	11.7	8	-	-
MEAN	7.3	331	-	42	78	7.9	6.3	0.2	4.9	8.1	8	-	-
DEVIA.	0.3	22	-	12	9	1.5	1.3	0.0	0.0	3.6	0	-	-

BARB. mg/l	NO2- mg/l	NO3- mg/l	N orig. mg/l	N tot. mg/l	PO4 3- mg/l	P tot. mg/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phn. mg/l	dit. mg/l	cyan. mg/l
720427	0.22	-	4.80	1.92	2.14	0.15	46	34	1.37	19.4	14.5	4.9	0	0.00	0.0
720919	1.57	0.02	3.44	2.75	4.36	0.47	72	34	3.03	19.6	14.0	5.6	1	1.00	-
MEAN	0.89	0.02	4.12	2.35	3.25	0.31	59	34	2.20	19.5	14.2	5.2	0	0.50	0.0
DEVIA.	0.67	0.00	0.68	0.44	1.11	0.16	13	0	0.83	0.1	0.3	0.3	0	0.50	0.0

Cd mcg/l	Co mcg/l	Ce mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720427	11	4	2	25	312	123	17	11	355	5480	5300	600	4300
720919	6	0	7	778	0.31	173	8	68	502	49700	34600	5600	2650
MEAN	8	2	4	545	0.22	148	12	39	428	27590	19650	3100	3475
DEVIA.	2	2	2	233	0.09	25	8	28	73	22110	14350	2500	825

720427	720919
HCH alpha :	16 ng/l;
HCH alpha :	-2 ng/l;
lindane :	14 ng/l;
lindane :	22 ng/l;

1070 OUPTHE ANGLEUR Lambert coord.: 237125 - 145675 SEDIMENTS

	H2O %	Cc101 Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
720427	17.9	-	-	-	-	44.2	-	-	-	-	-	-	17.0	2.5	18.5		
720919	20.5	-	-	-	51.8	-	-	-	-	-	-	-	11.9	6.6	18.8		
730425	23.7	25.2	1.49	-	32.8	0.00	43.4	36.0	7.39	-	-	33.6	9.9	4.9	15.3		
740601	26.8	25.2	-	-	-	52.2	-	-	-	-	-	-	11.6	2.0	9.9		
MEAN	22.3	25.2	1.49	-	32.8	0.00	47.9	36.0	7.39	-	-	33.6	12.6	4.0	15.6		
DEVIA.	3.0	0.0	0.00	-	0.0	0.00	4.1	0.0	0.00	-	-	0.0	2.2	1.8	3.0		
P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Pb ppm	Sb ppm	Sn ppm	Si ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720427	0.00	0.69	11.05	5.23	0.73	1.3	1.20	1.77	0.85	470	4	470	-S.	-S.	22	140	20
720919	0.00	0.82	10.99	5.37	0.74	2.0	1.37	2.24	1.09	400	8	400	-S.	-S.	22	525	20
730425	0.00	0.57	12.31	4.66	0.72	2.5	-	2.66	1.22	185	7	185	-S.	-S.	90	900	23
740601	-	0.66	10.82	5.27	-	1.7	-	2.03	1.29	310	3	310	-S.	-S.	10	50	16
MEAN	0.00	0.68	11.29	5.13	0.73	1.9	1.28	2.17	1.11	341	6	341	0	0	36	404	20
DEVIA.	0.00	0.07	0.51	0.24	0.01	0.4	0.09	0.28	0.14	94	2	94	0	0	27	309	2
Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Si ppm	Be ppm	Bi ppm	V ppm	Zn ppm	Zr ppm
720427	98	14	2	3.99	-	960	6	53	220	-S.	50	10	10	32	32	3390	600
720919	51	21	3	4.80	7	630	5	98	560	-S.	67	15	15	91	91	4030	480
730425	230	30	-5	9.50	40	640	3	140	870	-S.	45	-S.	-S.	160	160	3365	910
740601	140	10	1	5.47	1	470	1	58	190	-	29	-	-	72	72	3180	360
MEAN	130	19	2	6.21	16	675	4	87	460	0	48	8	8	89	89	3491	535
DEVIA.	99	7	1	1.52	16	143	2	32	255	0	11	3	3	37	37	269	158

Temp C	pH	FH MV	K MCS/CM	SUSP.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720427	8.0	356	-	20	97	11.2	10.5	-	7.3	3.9	8	-	-
720920	11.5	319	-	25	96	10.2	7.9	6.5	-	6.2	19	-	-
730507	12.0	350	198	10	99	10.7	9.7	5.3	-	5.4	7	5.0	15.5
740529	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	10.5	341	198	18	97	10.7	9.4	5.9	7.3	5.2	11	5.0	15.5
DEVIA.	1.7	15	0	5	0	0.3	1.0	0.6	0.0	0.8	5	0.0	0.0

N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	M.C.H. F	ph.n. mg/l	dlc. mg/l	Cyan. mg/l
720427	0.00	1.08	2.74	2.74	0.00	0.12	22	23	0.15	7.8	6.0	1.8	0	0.00	0.0
720920	0.19	1.68	2.69	2.88	0.17	0.20	24	18	0.19	7.4	7.3	0.1	0	2.25	0.0
730507	-	1.92	-	-	0.40	0.40	28	16	0.16	8.4	4.5	3.9	9	1.00	0.0
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.09	1.56	2.71	2.81	0.19	0.24	24	19	0.17	7.9	5.9	1.9	3	1.08	0.0
DEVIA.	0.09	0.01	0.03	0.07	0.14	0.11	2	2	0.02	0.4	1.0	1.3	4	0.78	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Hn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./8l	Pec.strep col./dl
720427	3	20	65	902	0.14	160	14	15	290	7480	10500	5500	2040
720920	0	9	16	460	1.04	141	10	31	-	3620	32000	3500	18850
730507	-	-	-	-	-	-	-	-	-	16050	22000	19000	14000
740529	2	0	22	1143	0.93	114	12	53	356	-	-	-	-
MEAN	29	26	36	835	0.70	138	12	33	323	7050	21500	9333	11630
DEVIA.	18	15	20	250	0.38	16	1	13	33	6000	7333	6444	6393

720427 HCH alpha : 14 ng/l; lindane : 10 ng/l;
 720920 HCH alpha : 83 ng/l; lindane : 37 ng/l;
 730507 Pesticides not measured
 740529 Pesticides not measured

3630 VISDRF

EUPEN

Lambert coord.: 270475 - 147025

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
740529	26.7	25.2	22.89	-	13.0	0.76	31.5	28.9	2.59	-	-	-	9.7	1.0	8.9	
MEAN	26.7	25.2	22.89	-	13.0	0.76	31.5	28.9	2.59	-	-	-	9.7	1.0	8.9	
DEVIA.	0.0	0.0	0.00	-	0.0	0.00	0.0	0.0	0.00	-	-	-	0.0	0.0	0.0	
	E205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740525	-	-	0.10	9.83	-	0.84	0.2	-	1.18	0.01	0	920	2	-S.	-S.	18
MEAN	-	-	0.10	9.83	-	0.84	0.2	-	1.18	0.01	0	920	2	0	0	18
DEVIA.	-	-	0.00	0.00	-	0.00	0.0	-	0.00	0.00	0	0	0	0	0	0
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
740525	71	40	13	2	0.57	-S.	740	-2	42	360	-S.	23	-	45	280	390
MEAN	71	40	13	2	0.57	0	740	0	42	360	0	23	-	45	280	390
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0

Temp C	PH	PH mv	K mcs/cm	Susp.n mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740529	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	P tot. mgP/l	PO4 3- mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. Carb. mg/l	N.C.H. P mg/l	phln. mg/l	dit. cyan. mg/l
740529	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-
MEAN DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-

Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mg/l	Mn mg/l	Ni mg/l	Pb mg/l	Zn mg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740529	4	9	45	14	0.22	257	10	0	337	-	-	-	-
740905	3	6	0	0	0.24	178	10	7	220	-	-	-	-
MEAN DEVIA.	3	7	22	7	0.23	217	10	3	278	-	-	-	-
740529	0	1	22	7	0.01	39	0	3	58	-	-	-	-

740529 Pesticides not measured
 740905 Pesticides not measured

Temp C	pH	EH mV	K mCS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC
740905	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. mg/l	N.C.H. mg/l	Phin. mg/l	dlt. cyan. mg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740905	0	8	3	0	0.15	156	29	0	86	-	-	-	-
740918	0	0	0	225	0.05	180	55	18	220	-	-	-	-
741002	0	0	13	4	0.32	190	96	6	240	-	-	-	-
741024	1	0	3	0	0.30	170	29	0	230	-	-	-	-
MEAN	0	2	5	1	0.20	174	52	6	194	-	-	-	-
DEVIA.	0	3	4	1	0.10	11	23	6	54	-	-	-	-

740905 Pesticides not measured
 740918 Pesticides not measured
 741002 Pesticides not measured
 741024 Pesticides not measured

4590 VISIRE SUPER(AVAL BELLE) Lambert coord.: 268025 - 147100 SEDIMENTS

	H2O %	COLOR Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
740905	9.1	26.2	-	-	-	-	*****	-	-	-	-	-	4.0	1.5	3.3	
MEAN	9.1	26.2	-	-	-	-	*****	-	-	-	-	-	4.0	1.5	3.3	
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0	
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740905	-	-	0.22	9.97	-	-	1.9	-	1.48	0.05	0	200	-s.	-s.	-s.	10
MEAN	-	-	0.22	9.97	-	-	1.9	-	1.48	0.05	0	200	0	0	0	10
DEVIA.	-	-	0.00	0.00	-	-	0.0	-	0.00	0.00	0	0	0	0	0	0
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
740905	120	110	10	1	0.11	1	220	3	72	65	-s.	26	-	72	510	230
MEAN	120	110	10	1	0.11	1	220	3	72	65	0	26	-	72	510	230
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0

4590 VISDRE

EUPEN(AVAL HELLE)

Lambert coord.: 268025 - 147100

WATER

temp C	PH	EH mV	K mS/cm	Susp. mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-

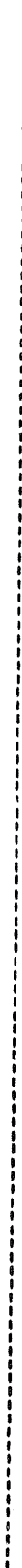
N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	P tot. mgP/l	PO4 3- mgP/l	SO4=	Cl-	P-	Tot.H. F	Carb.H F	N.C.H. F	Phin. F	Phn. F	dlt. mg/l	Cyan. mg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.cc. col./ml	Pec.celi. col./dl	Pec.strep col./dl
740905	1	0	0	442	0.21	192	4	4	216	-	-	-	-

740905 Pesticides not measured

1600 VESDRE		HEMBACH				Lambert coord.: 265500 - 145625					WATER					
Temp C	pH	SH MV	K MCS/CB	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l			
720920	5.2	424	-	5	95	10.4	9.1	8.1	-	3.9	2	-	-			
730507	4.7	424	236	20	95	11.7	10.1	-	8.5	3.2	7	3.0	1.5			
740321	5.1	424	120	25	92	11.5	10.6	9.2	-	2.3	19	13.0	0.2			
740529	5.4	-	-	-	93	10.3	9.3	8.3	-	3.8	23	5.0	1.0			
740905	-	-	-	-	-	-	-	-	-	-	-	-	-			
740905	-	-	-	-	-	-	-	-	-	-	-	-	-			
740918	-	-	-	-	-	-	-	-	-	-	-	-	-			
741002	-	-	-	-	-	-	-	-	-	-	-	-	-			
741024	-	-	-	-	-	-	-	-	-	-	-	-	-			
740418	-	-	-	-	-	-	-	-	-	-	-	-	-			
MEAN	8.5	424	178	16	94	11.0	9.8	8.5	8.5	3.3	12	7.0	0.9			
DEVIA.	1.7	0	58	7	1	0.6	0.6	0.4	0.0	0.5	8	4.0	0.5			
H amb. mg/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. Carb. P	N.C.H. P	phln. mcq/l	dit. mg/l	cyan. mcg/l		
720920	0.25	0.96	4.28	4.53	0.10	0.10	26	16	0.28	2.2	2.0	0	0.70	0.0		
730507	0.40	3.82	0.16	0.56	0.03	0.07	27	10	0.83	3.4	1.8	4	0.00	0.0		
740321	0.09	6.96	-	-	0.01	-	28	12	0.12	4.8	2.0	0	0.00	0.0		
740529	0.34	3.54	1.86	2.20	0.02	0.05	25	14	0.00	3.4	2.0	0	0.02	0.0		
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MEAN	0.27	3.82	2.10	2.43	0.04	0.07	26	13	0.31	3.4	1.9	1.5	0.18	0.0		
DEVIA.	0.10	1.57	1.45	1.40	0.03	0.02	1	2	0.26	0.7	0.1	0.7	0.26	0.0		

	Cd	Co	Cr	Cu	Fe	Hg	Mn	Ni	Pb	Zn	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.Strap col./dl
720920	10	5	10	112	650	0.13	223	12	15	264	410	11	0	14
730507	4	6	0	47	90	0.00	104	15	20	38	2390	360	315	285
740321	2	6	-	67	265	0.20	120	18	11	320	22500	-	248	70
740529	4	7	23	91	240	0.02	214	14	6	475	5600	0	0	0
740905	1	0	7	160	250	0.17	190	29	3	176	-	-	-	-
740905	1	0	3	8	150	0.20	200	28	0	190	-	-	-	-
740918	0	0	7	75	100	2.20	210	11	0	270	-	-	-	-
741002	0	0	5	21	400	0.00	195	32	16	230	-	-	-	-
741024	1	0	3	0	465	0.00	170	10	0	250	-	-	-	-
740418	-	-	-	-	-	-	-	-	-	-	5900	20	0	2
BEAN	2	2	7	64	290	0.32	180	18	7	245	1350	97	112	74
DEVIA.	3	3	7	52	184	0.71	41	8	7	117	6056	131	135	84
720920	lindane : 165 ng/l;													
730507	Pesticides not measured													
740321	lindane : 90 ng/l;													
740529	Pesticides not detectable													
740905	Pesticides not measured													
740905	Pesticides not measured													
740918	Pesticides not measured													
741002	Pesticides not measured													
741024	Pesticides not measured													
740418	Pesticides not measured													



SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANKTON number individuals x 100/l
 B: PERIPHYTON number individuals x 100/17cm²

720927	721017	B	24	62	73	91	103	139	159	177	178	181	183
740321	740418	B	60	10	30	-	10	5	10	-	-	-	-
740529	740618	B	-	-	-	4	-	-	-	328	-	-	32
											40	12	-
219	220	242	275	276	278	299	300	308	309	352			
720927	721017	B	-	10	10	-	-	-	-	-	5	-	10
740321	740418	B	8	-	-	24	-	8	-	8	-	24	-
740529	740618	B	-	4	-	-	8	-	4	-	-	-	-
355	360	363	372	382	383	468	479	482	487	516			
720927	721017	B	20	-	10	70	-	-	-	60	-	20	20
740321	740418	B	-	8	-	-	8	24	256	-	40	-	-
740529	740618	B	-	4	-	-	-	28	296	-	-	8	8
535	559	562	576	590	611	612	614	631	640	665			
720927	721017	B	10	-	5	5	-	-	-	10	15	-	5
740321	740418	B	-	16	-	-	-	-	-	-	-	-	-
740529	740618	B	-	-	-	-	-	16	-	-	-	4	-
704													
720927	721017	B	90										
740321	740418	B	-										
740529	740618	B	-										

Number Species	Number Individ.	Dry-Asfree mg/17cm ²	Weight mg/m ²	Chlor.a mg/m ²	Div. SHANNON	Saprobity			am	p	%Spec.	%Indiv.
						bo	ao	bm				
25	627	33.6	1.3	3.3	3.9	0.6	1.0	3.4	3.9	1.1	68	56
13	790	26.6	25.9	1.1	2.4	0.5	3.5	2.4	1.2	2.5	30	10
13	442	5.2	0.3	2.2	1.9	1.1	1.3	0.4	3.0	4.2	53	13

3650 VISURE GOE Lambert coord.: 262450 - 145575 SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
740529	54.7	25.2	10.39	-	13.8	18.24	10.7	10.7	0.00	-	-	43.3	2.7	34.7		
MEAN	54.7	25.2	10.39	-	13.8	18.24	10.7	10.7	0.00	-	-	43.3	2.7	34.7		
DEVIA.	0.0	0.0	0.00	-	0.0	0.00	0.0	0.0	0.00	-	-	0.0	0.0	0.0		
	E205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740529	-	-	1.10	15.37	2.58	0.47	0.2	-	0.61	13.57	3	430	4	65	-s.	9
MEAN	-	-	1.10	15.37	2.58	0.47	0.2	-	0.61	13.57	3	430	4	65	0	9
DEVIA.	-	-	0.00	0.00	0.00	0.00	0.0	-	0.00	0.00	0	0	0	0	0	0
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Si ppm	V ppm	Zn ppm	Zr ppm
740529	510	500	5	-s.	1.15	-s.	140	-3	63	1180	-s.	530	-	41	1275	210
MEAN	510	500	5	0	1.15	0	140	0	63	1180	0	530	-	41	1275	210
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0

Temp C	pH	EH mV	K mcS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740525	-	-	-	-	-	-	-	-	-	-	-	-	-

N ammonia mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. F	ph.in. mgC/l	dlc. mg/l	Cyan. mg/l
740525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Pb mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740525	5	11	34	58	256	0.00	200	16	10	456	-	-	-

740525 Pesticides not measured

3560 VESPRE LIMBOURG Lambert coord.: 261500 - 145625 SEDIMENTS

	H2O %	COLOR Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
740529	35.3	25.2	7.49	-	26.9	0.42	32.3	20.1	12.13	-	-	-	57.2	6.6	48.7	
740905	21.5	36.3	-	-	-	-	35.1	-	-	-	-	-	9.9	1.3	8.8	
MEAN DEVIA.	28.4 6.9	30.7 5.5	7.49 0.00	- -	26.9 0.0	0.42 0.00	33.7 1.4	20.1 0.0	12.13 0.00	- -	- -	- -	33.5 23.6	3.9 2.6	28.8 19.9	
	E205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740529	-	-	1.57	11.56	4.50	0.78	0.3	-	1.50	1.70	5	1160	3	40	33	
740905	-	-	0.18	9.46	-	-	0.1	-	1.27	0.93	0	110	-s.	-s.	15	
MEAN DEVIA.	- -	- -	0.92 0.74	10.51 1.05	4.50 0.00	0.78 0.00	0.2 0.1	- -	1.38 0.12	1.31 0.38	3 2	635 525	2 1	20 10	24 9	
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Str ppm	V ppm	Zn ppm	Zr ppm
740529	340	350	16	-s.	0.93	-s.	340	-3	160	780	-s.	130	-	73	2675	450
740905	180	190	8	1	0.22	1	950	1	50	130	-s.	69	-	44	440	250
MEAN DEVIA.	260 80	270 80	12 4	1 0	0.57 0.35	0 0	645 305	0 0	105 55	455 325	0 0	100 31	- -	59 15	1558 1117	350 100

3660 VESDRE LIMBOURG Lambert coord.: 261500 - 145625 WATER

Temp C	pH	BH RV	K mg/l	Susp. mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
740525	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-

N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 3- mg/l	P tot. mg/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Card.H P	N.C.H. P	phln. mg/l	dit. mg/l	cyan. mg/l
740525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740525	2	0	11	16	0.00	242	10	23	281	-	-	-	-
740905	2	9	6	19	0.28	580	26	32	256	-	-	-	-
740918	0	0	0	16	0.05	340	10	0	230	-	-	-	-
741002	0	0	0	4	0.00	294	0	0	40	-	-	-	-
741002	0	0	3	10	0.00	216	22	4	190	-	-	-	-
741024	0	0	0	17	0.00	170	11	0	230	-	-	-	-
MEAN	0	1	3	13	0.05	307	13	9	204	-	-	-	-
DEVIA.	1	3	4	5	0.11	146	9	14	86	-	-	-	-

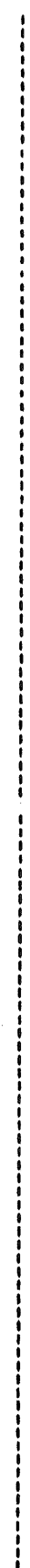
740525 Pesticides not measured
 740905 Pesticides not measured
 740918 Pesticides not measured
 741002 Pesticides not measured
 741002 Pesticides not measured
 741024 Pesticides not measured



3670 RUYFF LIMBOURG Lambert coord.: 261025 - 146950 WATER

Temp C	pH	BR MV	K MCS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l																																
-	-	-	-	-	-	-	-	-	-	-	-	-	-																																
<table border="0"> <tr> <td>N amm. mgN/l</td> <td>NO2- mg/l</td> <td>NO3- mg/l</td> <td>N org. mgN/l</td> <td>N tot. mgN/l</td> <td>PO4 J- mgP/l</td> <td>P tot. mgP/l</td> <td>SO4= mg/l</td> <td>Cl- mg/l</td> <td>F- mg/l</td> <td>Tot.H. P</td> <td>Carb.H P</td> <td>N.C.H. P</td> <td>phln. mgC/l</td> <td>dlc. mg/l</td> <td>Cyan. mg/l</td> </tr> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>														N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 J- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mgC/l	dlc. mg/l	Cyan. mg/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 J- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mgC/l	dlc. mg/l	Cyan. mg/l																														
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																														
<table border="0"> <tr> <td>Cd mcg/l</td> <td>Co mcg/l</td> <td>Cr mcg/l</td> <td>Cu mcg/l</td> <td>Fe mcg/l</td> <td>Hg mcg/l</td> <td>Mn mcg/l</td> <td>Ni mcg/l</td> <td>Pb mcg/l</td> <td>Zn mcg/l</td> <td>Tot.count col./ml</td> <td>Tot.coli. col./dl</td> <td>Pec.coli. col./dl</td> <td>Pec.strep col./dl</td> </tr> <tr> <td>1</td> <td>0</td> <td>0</td> <td>11</td> <td>372</td> <td>0.09</td> <td>214</td> <td>8</td> <td>10</td> <td>212</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>														Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl	1	0	0	11	372	0.09	214	8	10	212	-	-	-	-				
Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl																																
1	0	0	11	372	0.09	214	8	10	212	-	-	-	-																																

740525 Pesticides not measured



Temp C	pH	PH mv	K mcs/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
720920	6.6	300	-	10	83	9.8	5.3	4.2	-	8.9	64	-	-
730507	8.0	414	142	20	98	11.7	9.4	9.2	-	2.5	4	5.0	1.5
740321	7.0	356	181	80	95	11.6	8.9	5.3	-	6.3	26	7.8	6.6
740529	11.0	-	-	-	98	10.9	8.9	7.1	-	6.6	54	6.8	7.8
740418	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	9.0	356	161	36	93	11.0	8.1	6.4	-	6.1	37	6.5	5.3
DEVIA.	1.5	38	19	28	5	0.7	1.4	1.7	-	1.8	22	1.0	2.5

N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. F	N.C.H. F	phln. mgC/l	dlt. Cyan. mg/l
720920	0.27	0.04	1.68	2.04	2.31	0.13	32	16	0.22	6.6	5.0	1.6	0.70
730507	0.53	0.01	1.15	0.05	0.58	0.02	48	10	0.23	5.2	1.5	3.7	0.00
740321	0.22	0.11	10.50	-	0.02	-	30	12	0.15	7.0	3.5	3.5	0.03
740529	0.37	0.00	5.29	2.43	2.80	0.07	32	16	0.14	7.0	3.5	3.5	0.11
740418	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.35	0.04	4.65	1.51	1.90	0.06	35	13	0.18	6.4	3.4	3.1	0.21
DEVIA.	0.10	0.04	3.24	0.97	0.88	0.04	6	2	0.04	0.6	0.9	0.7	0.25

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720920	2	4	20	8	306	0.18	18	16	192	14300	65000	18000	20800
730507	3	2	0	15	138	0.00	4	22	46	5050	9000	3000	27000
740321	1	4	-	20	327	0.26	10	18	330	220000	148000	18000	8000
740529	2	8	0	32	240	0.03	21	16	375	3100000	40000	0	3000
740418	-	-	-	-	-	-	-	-	-	226000	0	0	2000
MEAN	2	4	6	18	252	0.12	13	18	235	713070	52400	7800	12160
DEVIA.	0	1	8	7	63	0.10	6	2	116	954772	43280	8160	9392

720920 Pesticides not measured
 730507 Pesticides not measured
 740321 lindane : 90 ng/l;
 740529 Pesticides not detectable
 740418 Pesticides not measured

1610 VESDRE

LIMBOURG (SURDENTS)

Lambert coord.: 259325 - 145650

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: FIANCTON number individuals x 100/l B: PERIPHYTON number individuals x 100/17cm2

	19	23	24	44	54	66	67	70	89	99	136
720927 721017 B	-	220	6600	-	140	-	-	-	-	-	-
740321 A	140	-	-	-	-	20	-	-	-	-	-
740618 A	-	-	-	640	-	-	20	60	40	120	40
720927 721017 B	139	157	178	183	191	220	221	224	242	244	249
740321 A	10	20	880	-	-	300	-	-	20	-	60
740618 A	360	60	20	80	180	-	60	-	-	20	-
720927 721017 B	258	274	275	281	286	290	298	299	300	302	306
740321 A	20	-	-	20	20	180	20	-	120	80	-
740618 A	-	20	40	-	-	20	-	140	20	20	20
720927 721017 B	309	310	319	320	324	331	341	347	351	352	355
740321 A	360	-	-	20	-	20	-	80	60	-	120
740618 A	80	-	-	20	-	-	-	60	-	20	-
720927 721017 B	358	372	377	383	385	386	388	393	422	423	468
740321 A	80	1320	80	60	-	20	-	20	60	80	-
740618 A	40	-	-	-	-	-	20	-	-	-	80
720927 721017 B	480	482	487	504	516	522	535	541	558	575	576
740321 A	60	-	180	-	80	-	40	140	40	-	120
740618 A	-	100	-	20	20	-	-	-	-	20	-
720927 721017 B	577	590	599	607	612	614	-	-	-	-	-
740321 A	60	20	170	60	410	120	-	-	-	-	-
740618 A	-	-	-	-	-	-	-	-	-	-	-

Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	Saprobity			%Spec.	%Indiv.		
						bo	ao	bm				
720927	43	337.5	132.2	8.8	3.1	0.2	1.1	4.4	3.6	0.7	67	74
740321	22	-	-	-	4.0	1.1	4.2	3.3	1.4	0.0	59	59
740618	29	-	-	-	1.6	0.2	0.5	4.8	4.5	0.0	62	88

4630 VISDRE VERVIERS(FENOUPPE) Lambert coord.: 257275 - 144725 SEDIMENTS

	H2O %	Color MUNS.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.5 m2/g	IR1000 %	IR550 %	O.M. %	
740905	5.8	15.1	-	-	-	-	6.3	-	-	-	-	-	6.5	4.6	6.2	
MEAN	5.8	15.1	-	-	-	6.3	-	-	-	-	-	-	6.5	4.6	6.2	
DEVIA.	0.0	0.0	-	-	-	0.0	-	-	-	-	-	-	0.0	0.0	0.0	
	E205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740905	-	-	1.15	12.09	-	-	12.2	-	1.36	1.44	2	340	-S.	-S.	-S.	19
MEAN	-	-	1.15	12.09	-	-	12.2	-	1.36	1.44	2	340	0	0	0	19
DEVIA.	-	-	0.00	0.00	-	-	0.0	-	0.00	0.00	0	0	0	0	0	0
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Si ppm	V ppm	Zn ppm	Zr ppm
740905	150	160	8	-S.	0.13	1	1750	2	50	800	-	30	-	76	1505	270
MEAN	150	160	8	0	0.13	1	1750	2	50	800	-	30	-	76	1505	270
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	-	0	-	0	0	0

Temp C	PH	EH mV	K mS/cm	Susp.N mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. mg/l	Carb.H mg/l	N.C.H. mg/l	ph.in. mg/l	dit. mg/l	cyan. mg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740905	0	0	3	0	312	330	12	0	92	-	-	-	-
740918	0	0	0	4	170	180	7	0	105	-	-	-	-
MEAN	0	0	1	2	241	255	9	0	98	-	-	-	-
DEVIA.	0	0	1	2	71	75	2	0	6	-	-	-	-

740905 Pesticides not measured
740918 Pesticides not measured

3690 MAMGOMERCUX VERVIERS Lambert coord.: 257725 - 142300 SEDIMENTS

	H2O %	CcICI Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
740529	26.1	24.2	-	-	-	-	45.1	-	-	-	-	-	9.6	2.6	8.7
MEAN	26.1	24.2	-	-	-	-	45.1	-	-	-	-	-	9.6	2.6	8.7
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0

	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740529	-	-	0.28	9.57	5.03	0.70	1.7	-	1.55	0.89	2	1420	2	-s.	-s.	23
MEAN	-	-	0.28	9.57	5.03	0.70	1.7	-	1.55	0.89	2	1420	2	0	0	23
DEVIA.	-	-	0.00	0.00	0.00	0.00	0.0	-	0.00	0.00	0	0	0	0	0	0

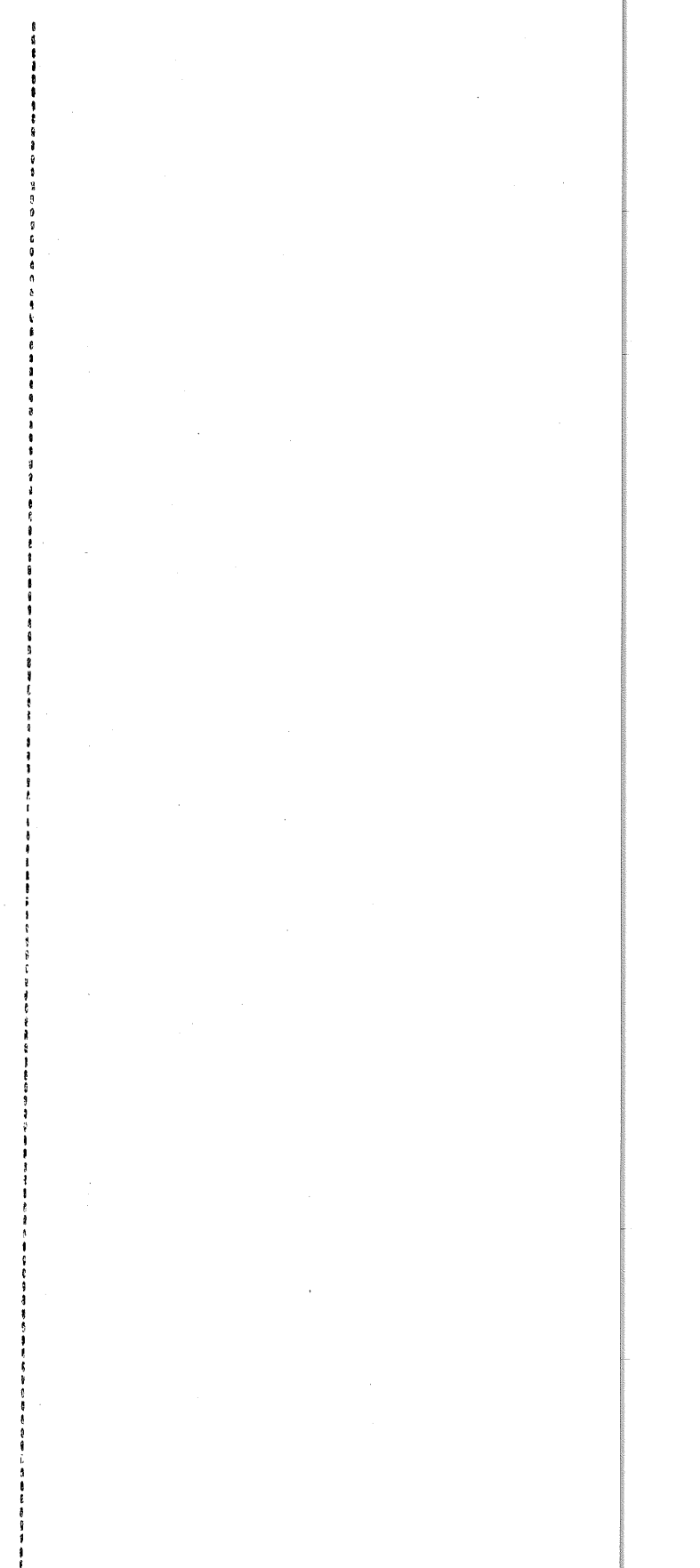
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Str ppm	V ppm	Zn ppm	Zr ppm
740529	120	94	15	2	0.65	-s.	1300	-2	100	590	-s.	19	-	97	700	500
MEAN	120	94	15	2	0.65	0	1300	0	100	590	0	19	-	97	700	500
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0

3690 KANGORROO VERVIERS Lambert coord.: 257725 - 142300 WATER

Temp C	pH	DO mg/l	K mg/l	Susp.M mg/l	DO %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	Phen. mg/l	dlt. cyan. mg/l
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-

N mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	P mg/l	P tot. mg/l	SO4== mg/l	Cl- mg/l	Ca mg/l	Tot.H. F mg/l	N.C.H. P mg/l	Tot.count col./dl	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740529	2	7	0	21	170	0.06	57	0	66	275	-	-	-	-	-

740529 Pesticides not measured



3700 DISON

VERVIERS

Lambert coord.: 254950 - 143475

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
740529	30.2	14.1	-	-	-	41.0	-	-	-	-	-	18.5	4.4	17.5		
MEAN	30.2	14.1	-	-	-	41.0	-	-	-	-	-	18.5	4.4	17.5		
DEVIA.	0.0	0.0	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0		
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740529	-	-	1.35	7.47	3.26	0.40	8.3	-	1.17	1.65	4	1360	5	120	-s.	19
MEAN	-	-	1.35	7.47	3.26	0.40	8.3	-	1.17	1.65	4	1360	5	120	0	19
DEVIA.	-	-	0.00	0.00	0.00	0.00	0.0	-	0.00	0.00	0	0	0	0	0	0
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Str ppm	V ppm	Zn ppm	Zr ppm
740529	450	240	11	-s.	0.93	-s.	1200	-3	67	1110	-s.	32	-	84	1360	340
MEAN	450	240	11	0	0.93	0	1200	0	67	1110	0	32	-	84	1360	340
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0

1620 VISDRE ENSIVAL Lambert coord.: 253950 - 141120 SEDIMENTS

Lambert coord.: 253950 - 141120

ENSIVAL

1620 VISDRE

	H2C %	COLOR MUNS.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu %	+63mu %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
720920	28.5	-	-	-	-	-	53.1	-	-	-	-	1.7	14.3	5.5	19.6	
730425	41.3	25.6	0.70	-	22.0	1.20	55.5	48.7	6.74	-	-	28.8	25.1	4.0	26.4	
740318	61.2	24.2	1.56	-	26.5	0.52	35.8	18.7	17.15	-	-	-	23.2	3.9	19.8	
740529	23.0	25.2	-	-	-	-	44.1	-	-	-	-	-	16.0	1.9	20.0	
MEAN	38.5	25.0	1.13	-	24.3	0.86	47.1	33.7	11.94	-	-	15.2	19.7	3.8	21.5	
DEVIA.	12.7	0.5	0.43	-	2.3	0.34	7.2	15.0	5.20	-	-	13.5	4.5	0.9	2.5	
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720920	-	0.00	0.75	12.21	4.53	0.66	3.7	1.12	1.78	2.10	3	400	-S.	39	-S.	22
730425	-	0.00	1.04	10.50	4.15	0.61	2.1	-	1.40	2.62	6	145	-S.	157	-S.	37
740318	-	-	1.41	11.65	3.82	-	2.5	-	1.40	5.00	2	340	-S.	36	-S.	31
740529	-	-	0.37	11.66	5.73	0.85	2.9	-	1.80	1.23	2	1200	4	37	-S.	23
MEAN	-	0.00	0.89	11.50	4.56	0.71	2.8	1.12	1.59	2.74	3	521	1	67	0	28
DEVIA.	-	0.00	0.33	0.50	0.59	0.10	0.5	0.00	0.19	1.13	1	339	1	45	0	6
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
720920	400	72	5	-1	0.31	-S.	1100	2	70	220	-S.	40	55	59	2075	220
730425	640	175	20	-4	0.30	-S.	550	3	170	810	-S.	81	25	128	3400	640
740318	720	180	7	-S.	2.16	47	350	1	110	100	-	-	-	50	3470	190
740529	230	180	16	-S.	1.03	-S.	890	-3	80	870	-S.	68	-	95	1605	440
MEAN	498	152	12	0	0.55	9	723	1	108	500	0	63	40	83	2638	373
DEVIA.	183	40	6	0	0.64	8	273	1	33	340	0	15	15	29	798	168

Temp C	pH	PH mV	K mcS/cm	SuSp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	IOC mgC/l	PIC mgC/l	N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	P tot. mgP/l	PO4 mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. F	Carb.H F	N.C.H. P	phln. mgC/l	dl. mg/l	strep. col./dl
720920	12.0	6.7	296	-	10	8.9	6.3	0.3	-	10.6	15	-	-	1.55	0.18	2.05	1.99	0.24	0.44	44	20	0.25	10.0	9.8	0.2	0	0.30	0.0
730507	9.0	7.0	370	274	30	10.1	0.9	0.1	-	10.0	53	6.5	15.5	2.27	0.21	0.42	4.84	0.31	0.89	28	16	0.25	8.0	6.3	1.7	14	0.00	0.0
740321	7.5	6.8	352	259	60	7.2	4.0	0.0	-	1.2	94	13.0	15.6	0.45	0.16	12.66	-	0.20	-	38	14	0.19	11.4	7.5	3.9	15	0.21	0.0
740529	13.0	7.0	-	-	77	8.9	5.1	2.1	-	11.3	19	10.8	17.0	1.14	0.23	6.12	2.36	0.34	0.42	39	16	0.18	10.0	7.5	2.5	0	0.32	0.0
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	10.4	6.9	339	266	50	8.8	4.1	0.7	-	8.3	45	10.1	16.0	1.35	0.19	5.31	3.06	0.27	0.58	37	16	0.22	9.8	7.8	2.1	7	0.21	0.0
DEVIA.	2.1	0.1	24	7	8	0.8	1.6	0.8	-	3.5	28	2.4	0.6	0.56	0.02	4.08	1.18	0.05	0.20	4	1	0.03	0.9	1.0	1.1	7	0.10	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720920	7	1	47	10	445	0.07	200	30	150	38100	180000	176000	62500
730507	4	2	0	31	260	0.00	480	101	65	62300	850000	393000	409000
740321	1	4	-	25	492	0.27	228	14	300	370000	290000	150000	20000
740529	0	0	50	14	50	0.51	185	0	293	776000	480000	250000	40000
740905	0	0	36	0	258	0.30	220	0	84	-	-	-	-
740918	0	0	58	37	195	0.75	145	25	200	-	-	-	-
740418	-	-	-	-	-	-	-	-	-	280000	250000	20000	10000
MEAN	2	1	38	19	283	0.32	249	10	182	305280	410000	197800	108300
DEVIA.	3	1	16	13	163	0.28	114	2	100	214176	204000	98960	120280

720920 HCH alpha : 30 ng/l; lindane : 120 ng/l;
 730507 pesticides not measured
 740321 HCH alpha : 15 ng/l; lindane : 60 ng/l;
 740529 HCH alpha : 11 ng/l; HCH beta : 33 ng/l; lindane : 60 ng/l; dieldrin : -4 ng/l;
 740905 pesticides not measured
 740918 pesticides not measured
 740418 pesticides not measured

	Number Species	Number Indiv.	Drv-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	bo	ao	bm	am	p	%Spec.	%Indiv.
740321	A	36	-	-	-	4.3	2.2	2.5	2.7	2.2	0.4	63	51
740418	A	28	-	-	-	3.6	0.1	0.6	3.0	5.3	1.0	46	58
740525	B	43	48.7	36.5	2.8	3.6	0.7	0.8	3.4	4.3	0.8	76	91

4660 VFSDPE WEGNEZ Lambert coord.: 253650 - 141175 WATER

Temp C	nR	PH mV	K mcs/cm	Susp.M mg/l	02 %	02 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Card.H P	N.C.H. P	phin. mg/l	dlt. cyan. mg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740905	8	5	240	378	0.48	430	22	35	840	-	-	-	-
740905	9	5	350	362	0.40	370	25	26	850	-	-	-	-
740918	4	0	200	305	0.05	370	19	90	1120	-	-	-	-
741002	1	0	34	360	0.00	276	17	14	320	-	-	-	-
741024	1	0	1	560	0.00	200	3	5	260	-	-	-	-
MEAN	4	2	165	393	0.19	377	17	34	678	-	-	-	-
DEVIA.	3	2	117	66	0.20	87	5	22	310	-	-	-	-

740905 Pesticides not measured
 740905 Pesticides not measured
 740918 Pesticides not measured
 741002 Pesticides not measured
 741024 Pesticides not measured

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: FLANCTN number individuals x 100/l B: PEPIPHYTON number individuals x 100/17cm²

	54	66	67	74	84	133	136	139	157	178	183
740321	-	-	120	-	40	-	-	-	40	-	80
740418	-	80	-	-	-	120	80	40	20	-	-
740529	12	-	-	24	-	6	-	-	-	180	-
	202	220	221	258	259	262	275	283	290	295	299
740321	-	-	200	-	-	-	40	-	40	40	280
740418	-	-	20	-	40	-	-	-	-	-	-
740529	6	24	-	66	-	6	-	12	36	-	-
	300	306	309	318	320	323	325	342	347	354	355
740321	200	20	40	-	40	-	-	40	20	-	-
740418	-	-	720	-	-	-	-	-	40	-	-
740529	36	6	408	6	-	12	6	-	24	6	12
	358	377	380	383	449	468	482	487	502	504	516
740321	40	40	-	200	-	20	40	-	40	-	40
740418	40	-	200	2360	40	-	-	-	-	-	40
740529	18	-	-	18	-	-	-	18	-	6	-
	522	529	535	559	562	577	594	611	612	617	703
740321	20	-	-	-	-	-	-	-	-	20	-
740418	-	-	-	-	-	-	-	80	-	120	40
740529	-	366	78	18	6	12	6	-	36	-	-
	704										
740321	-	-	-	-	-	-	-	-	-	-	-
740418	-	-	-	-	-	-	-	-	-	-	-
740529	6	-	-	-	-	-	-	-	-	-	-

Number Species	Number Individ.	Dry-Asfree mg/17cm ²	Weight mg/17cm ²	Chlor.a mg/m ²	Div. SHANNON	Saprobity			am	n	%Spec.	%Indiv.
						bo	ao	bm				
24	1711	-	-	-	4.0	1.9	2.4	3.8	1.7	0.2	62	61
17	4088	-	-	-	2.3	0.1	0.7	3.5	4.9	0.7	64	30
31	1491	9.1	6.5	4.7	3.5	0.3	0.5	2.6	5.9	0.7	67	79

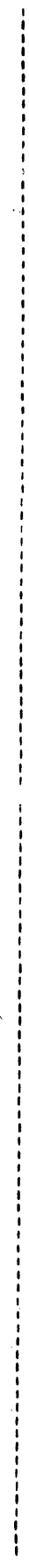
1640 HOEGNE		PEPINSTER										Lambert coord.: 251425 - 140600										SEDIMENTS													
		H2O		Color		+1mm		+149mu		+63mu		+37mu		-37mu		+2mu		-2mu		+149mu		+63mu		Spec.S		LW550		LW1000		O.M.					
		%		Muns.		%		%		%		%		%		%		%		m2/g		%		%		%		%		%					
		P2O5		Cl-		Tot.S		Al2O3		Fe2O3		TiO2		CaO		MgO		K2O		Crude		Ag		Ba		Be		Bi		Cd		Co			
		%		%		%		%		%		%		%		%		%		%		ppm		ppm		ppm		ppm		ppm		ppm		ppm	
720920		9.1		-		-		-		-		23.9		-		-		6.8		-		4.7		7.6		4.9									
730425		6.5		26.2		2.39		13.5		1.61		11.3		7.8		3.51		-		-		26.4		5.0		5.3									
MEAN		7.8		26.2		2.39		13.5		1.61		17.6		7.8		3.51		-		-		16.6		6.3		5.1									
DEVIA.		1.3		0.0		0.00		0.0		0.00		6.3		0.0		0.00		-		-		9.8		1.3		0.2									
720920		-		0.00		0.32		9.61		5.60		0.67		4.9		2.55		1.80		0.10		280		-4		11									
730425		-		0.00		0.13		9.50		5.76		0.68		2.5		-		1.86		0.05		140		-s.		24									
MEAN		-		0.00		0.22		9.55		5.68		0.67		3.7		2.55		1.83		0.08		210		0		18									
DEVIA.		-		0.00		0.09		0.05		0.08		0.00		1.2		0.00		0.03		0.02		70		0		7									
720920		40		54		6		0		0.10		1730		2		38		230		27		30		38		230									
730425		120		63		25		-4		0.05		1520		1		100		625		38		15		147		575									
MEAN		80		59		16		0		0.07		1625		2		69		428		33		23		93		403									
DEVIA.		40		5		10		0		0.02		105		1		31		198		6		8		55		173									

Temp C	pH	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mg-/l
720920	6.9	349	-	5	96	10.4	8.7	8.0	-	3.9	4	-	-
730507	6.4	354	322	20	96	10.9	8.6	6.0	-	4.9	4	2.0	14.0
740905	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	6.4	351	322	12	96	10.6	8.6	7.0	-	4.4	4	2.0	14.0
DEVIA.	0.3	2	0	7	0	0.3	0.1	1.0	-	0.5	0	0.0	0.0

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 mgP/l	3-P mgP/l	SO4=	CL- mg/l	F- mg/l	Tot.H. F	Carb. F	N.C.H. F	ph.in. mcg/l	dit. mg/l	cyan. mcg/l
720920	0.09	0.00	1.89	2.79	2.88	0.07	20	12	0.16	5.8	5.8	0.0	0	1.30	0.0
730507	0.00	0.01	1.39	2.81	2.81	0.06	26	10	0.18	8.0	6.5	1.5	0	0.00	0.0
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.04	0.00	1.63	2.80	2.85	0.06	23	11	0.17	6.4	6.1	0.8	0	0.65	0.0
DEVIA.	0.04	0.00	0.24	0.03	0.00	0.01	3	1	0.01	1.1	0.4	0.8	0	0.65	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
720920	0	0	3	327	1.55	82	0	10	110	1985	18000	4000	8700
730507	0	3	6	74	0.00	60	4	8	21	10230	49000	22900	28700
740905	0	0	0	120	0.29	75	0	0	16	-	-	-	-
MEAN	2	1	3	173	0.61	72	1	6	49	6107	33500	13450	18700
DEVIA.	3	1	2	102	0.62	8	1	4	40	4122	15500	9450	10000

720920 HCH alpha : 10 ng/l;
 730507 Pesticides not measured
 740905 Pesticides not measured



4690 VISDRF		PEPINSTER(AVAL HOB Lambert coord.: 250125 - 140475										SEDIMENTS															
		H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %											
		P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm										
		Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm										
720920		8.6	-	-	-	-	24.9	-	-	-	-	-	5.2	6.4	4.8	11.3											
730425		22.8	25.2	19.37	-	21.5	0.00	15.4	7.3	8.10	-	-	46.4	12.7	4.9	16.2											
740318		20.3	34.2	6.56	-	17.7	0.68	19.7	4.1	10.56	-	-	-	5.9	3.3	3.5											
740529		27.5	14.1	-	-	-	47.4	-	-	-	-	-	-	21.9	8.6	20.3											
MEAN		19.8	24.5	12.96	-	19.6	0.34	26.8	5.7	9.33	-	-	25.8	11.7	5.4	12.8											
DEVIA.		5.6	6.9	6.40	-	1.9	0.34	10.3	1.6	1.23	-	-	20.6	5.6	1.6	5.4											
720920		-	0.00	1.47	9.59	4.20	0.63	3.4	1.60	1.57	0.90	1	420	-s.	13	-s.	12										
730425		-	0.00	0.47	9.44	5.09	0.65	3.1	-	1.55	0.74	3	150	-	50	-s.	22										
740318		-	-	0.44	11.53	7.19	-	2.6	-	1.43	0.44	1	360	-s.	-s.	-s.	18										
740529		-	-	1.00	11.43	3.47	0.41	7.9	-	1.48	2.13	4	1600	5	70	-s.	24										
MEAN		-	0.00	0.84	10.50	4.99	0.56	4.2	1.60	1.51	1.05	2	633	2	33	0	19										
DEVIA.		-	0.00	0.39	0.98	1.15	0.10	1.8	0.00	0.05	0.54	1	484	1	18	0	4										
720920		150	62	5	-1	0.23	-s.	1120	1	40	130	-s.	26	45	44	1365	290										
730425		255	190	17	-4	0.43	-s.	1040	2	100	480	-s.	45	40	145	1530	650										
740318		110	150	8	-s.	1.83	-s.	930	1	54	120	-	120	-	78	1395	310										
740529		230	190	13	-s.	1.15	-s.	1160	-3	85	890	-s.	27	-	130	1790	260										
MEAN		186	148	11	0	0.51	0	1063	1	70	405	0	55	43	99	1520	378										
DEVIA.		56	43	4	0	0.58	0	78	0	23	280	0	33	3	38	140	136										

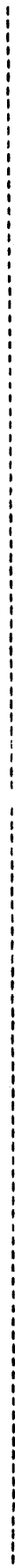
4690 VESDPE PEPINSTER(AVAL HOE Lambert coord.: 250125 - 1404/5 WATER

Temp C	pH	SH mv	K MCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	CDD mg/l	TOC mgC/l	TIC mgC/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	P04 3- mgP/l	P tot. mgP/l	S04=	Cl-	F-	Tot.H. Carb. mg/l	H.N.C.H. F	ph.n. P	dit. mg/l	Cyan. mg/l
740905	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl
740905	0	0	26	318	0.17	215	11	3	228	-	-	-	-
740918	0	0	49	550	0.00	160	8	31	370	-	-	-	-
MEAN	0	0	37	434	0.08	187	9	20	299	-	-	-	-
DEVIA.	0	0	11	116	0.08	27	1	17	71	-	-	-	-

740905 Pesticides not measured
740918 Pesticides not measured



4704 VESPER		FRANCONIA MOUNTAIN Lambert coord.: 248700 - 140425										WATER			
Temp C	pH	PH MV	K MCS/CM	Susp.N mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC mgC/l		
N mg/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	Phn. mgC/l	dlt. mg/l	Cyan. mgC/l
Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Hn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl		
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVI.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	0	0	41	0	0.16	220	7	3	186	-	-	-	-	-	-
740918	0	0	58	5	0.05	200	7	20	190	-	-	-	-	-	-
741002	0	0	7	18	0.00	148	5	5	140	-	-	-	-	-	-
741024	0	0	0	0	0.04	100	0	0	180	-	-	-	-	-	-
MEAN	0	0	26	4	0.06	167	4	7	164	-	-	-	-	-	-
DEVI.	0	0	24	4	0.05	43	2	6	24	-	-	-	-	-	-
740905	Pesticides not measured														
740918	Pesticides not measured														
741002	Pesticides not measured														
741024	Pesticides not measured														

740905 Pesticides not measured
 740918 Pesticides not measured
 741002 Pesticides not measured
 741024 Pesticides not measured

4880 WESPRE Nessonvaux Lambert coord.: 246875 - 141100 SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
740905	7.6	15.1	-	-	-	-	9.0	-	-	-	-	-	8.6	1.4	8.2
MEAN	7.6	15.1	-	-	-	-	9.0	-	-	-	-	-	8.6	1.4	8.2
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0
E205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740905	-	0.51	11.42	-	-	1.1	-	1.71	1.75	1	180	-S-	-S-	-S-	18
MEAN	-	0.51	11.42	-	-	1.1	-	1.71	1.75	1	180	0	0	0	18
DEVIA.	-	0.00	0.00	-	-	0.0	-	0.00	0.00	0	0	0	0	0	0
Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
740905	81	73	9	-S-	0.23	1	1500	0	58	150	31	-	73	960	200
MEAN	81	73	9	0	0.23	1	1500	0	58	150	31	-	73	960	200
DEVIA.	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0

4880 VESDRE NPSOONVANX Lambert coord.: 246875 - 141100 WATER

Temp C	pH	pH RV	K MCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BO D5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
740918	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phn. mg/l	dlt. mg/l	Cyan. mg/l
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.Strep col./dl
740918	0	0	20	54	0.17	205	8	39	260	-	-	-	-
741002	0	0	59	10	0.28	168	0	0	140	-	-	-	-
741024	0	0	1	0	0.00	105	5	0	140	-	-	-	-
MEAN	0	0	26	21	0.15	159	4	13	180	-	-	-	-
DEVIA.	0	0	21	21	0.10	36	2	17	53	-	-	-	-

740918 Pesticides not measured
 741002 Pesticides not measured
 741024 Pesticides not measured

Temp C	pH	EH mV	K mcs/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC mgC/l
720920	6.9	344	-	120	84	9.8	4.5	1.0	-	13.9	26	-	-
730507	7.1	344	180	40	93	10.6	8.4	4.4	-	6.2	4	2.5	18.0
740321	6.8	334	216	120	89	10.7	6.4	0.0	-	8.4	79	8.2	15.4
740418	-	-	-	-	-	-	-	-	-	-	-	-	-
740529	7.3	-	-	-	65	6.8	3.3	1.8	-	8.0	38	14.0	30.2
MEAN	7.0	340	198	93	83	9.5	5.6	1.8	-	9.1	36	8.2	21.2
DEVIA.	0.2	4	18	35	8	1.3	1.7	1.3	-	2.4	21	3.8	6.0

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org- mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. F mg/l	H.N.C.H. F mg/l	phln. mg/l	dit. cyan. mg/l
720920	0.10	1.91	3.26	3.62	0.13	0.41	40	16	0.21	9.6	0.0	0	0.70
730507	0.60	2.10	2.21	2.81	0.07	0.07	38	18	0.18	11.6	8.5	3.1	0
740321	0.28	11.33	-	-	0.08	-	34	12	0.15	8.6	4.5	4.1	0
740418	-	-	-	-	-	-	-	-	-	-	-	-	0.00
740529	0.91	2.30	4.99	5.90	0.29	0.52	45	18	0.18	15.6	14.0	1.6	0
MEAN	0.54	4.41	3.49	4.11	0.14	0.33	39	16	0.18	11.3	9.1	2.2	0
DEVIA.	0.22	0.17	1.00	1.19	0.07	0.18	3	2	0.02	2.2	2.6	1.4	0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720920	3	2	9	650	1.40	282	8	21	165	8000	28000	3000	17850
730507	10	4	9	160	0.05	520	4	8	31	19200	19000	15000	21000
740321	1	3	18	450	0.16	178	10	16	-	372000	180000	83000	16000
740418	-	-	-	-	-	-	-	-	-	21000	60000	60000	2000
740529	47	9	14	240	0.05	314	17	0	312	67000	340000	20000	13000
MEAN	15	4	12	375	0.41	323	9	11	169	97440	125400	36200	13970
DEVIA.	15	2	3	175	0.49	98	3	7	95	109824	107680	28240	5176

720920 HCH alpha : 205 ng/l; lindane : 41 ng/l;

730507 Pesticides not measured

740321 HCH alpha : 40 ng/l; lindane : 60 ng/l;

740418 Pesticides not measured

740529 HCH beta : 20 ng/l; lindane : -4 ng/l; dieldrin : 28 ng/l;

1650 VISDRE
 FORET
 Lambert coord.: 243575 - 140825
 HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.
 A: PLANCTON number individuals x 100/l
 B: PERIPHYTON number individuals x 100/17cm²

	24	25	31	44	73	74	91	100	102	104	107
720927 721017 B	800	-	-	-	40	-	40	-	-	-	-
740321 A	140	-	-	-	-	-	-	-	-	-	-
740418 A	120	-	-	40	-	60	-	-	20	-	-
740529 740618 B	168	12	6	-	-	-	-	12	-	12	12
720927 721017 B	139	157	178	202	220	221	225	234	248	258	271
740321 A	-	-	360	-	80	-	-	40	-	60	-
740418 A	-	40	20	-	20	60	-	-	20	-	-
740529 740618 B	20	180	140	40	580	-	20	-	-	20	6
	-	-	198	-	66	-	-	-	-	24	-
720927 721017 B	275	286	289	290	292	298	299	300	302	306	308
740321 A	-	80	-	180	-	-	-	480	-	-	-
740418 A	20	-	-	20	-	-	-	-	180	20	-
740529 740618 B	-	-	20	160	-	-	140	520	-	40	-
	-	-	-	102	6	66	54	18	48	18	6
720927 721017 B	309	310	317	318	324	325	341	347	351	352	355
740321 A	-	60	1160	40	-	-	-	140	560	30	-
740418 A	20	-	-	-	20	-	20	-	-	-	-
740529 740618 B	5960	920	-	-	-	-	6	40	-	-	-
	2121	-	-	6	-	6	6	12	-	-	6
720927 721017 B	358	372	377	382	383	385	425	434	442	449	455
740321 A	40	320	-	-	-	-	20	20	-	40	-
740418 A	40	-	20	-	20	-	-	-	-	-	-
740529 740618 B	144	-	-	480	2820	20	-	-	20	-	120
	-	-	-	196	6	-	-	-	-	-	-
720927 721017 B	468	485	487	504	516	520	529	535	550	558	559
740321 A	-	-	360	-	120	40	1390	20	-	-	80
740418 A	60	-	-	40	-	-	-	-	-	-	-
740529 740618 B	-	-	-	-	80	-	-	80	-	40	-
	-	24	-	6	-	-	1155	-	60	-	24

	562	576	577	590	611	612	614	630	631	652	695
720927 721017 B	-	-	20	-	-	380	120	-	-	-	-
740321 A	-	-	-	-	-	-	-	-	-	-	-
740418 A	-	-	-	-	440	-	-	-	-	-	-
740529 740618 B	42	12	-	12	-	780	-	18	12	6	6

	704	731	735
720927 721017 B	50	5	45
740321 A	-	-	-
740418 A	20	-	-
740529 740618 B	24	-	-

	Number Species	Number Indiv.	Dry-Asfree mg/17cm ²	Weight mg/17cm ²	Chlor.a mg/m ²	Div. SHANNON	bo	Saprobity ao	bm	a	m	p	%Spec.	%Indiv.
72C927 721017 B	34	7236	171.4	11.6	3.9	3.9	0.0	0.5	3.0	5.2	1.3	67	68	
740321 A	18	788	-	-	-	3.7	0.6	0.9	3.7	4.8	0.0	66	76	
740418 A	30	13214	-	-	-	2.8	0.2	0.5	3.6	5.0	0.7	73	68	
740529 740618 B	42	5538	26.1	20.4	9.7	3.1	0.1	0.5	4.0	4.9	0.5	73	90	

4710 VESDRE FORK(ET AMONT PRAYO Lambert coord.: 243075 - 141450 SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
720920	3.9	-	-	-	-	9.2	-	-	-	-	-	3.7	1.8	7.6	2.0	
730425	3.0	26.2	0.32	-	36.1	0.00	17.9	12.0	5.92	-	-	34.8	2.2	6.7	3.1	
740601	23.5	26.2	-	-	-	56.3	-	-	-	-	-	-	6.9	7.0	5.9	
MEAN	10.1	26.2	0.32	-	36.1	0.00	27.8	12.0	5.92	-	-	19.2	3.6	7.1	3.7	
DEVIA.	8.9	0.0	0.00	-	0.0	0.00	19.0	0.0	0.00	-	-	15.5	2.2	0.4	1.5	
	P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720920	-	0.00	0.28	13.52	4.27	0.76	4.6	2.85	3.74	0.01	0	300	-S.	-13	14	14
730425	-	0.00	0.17	11.69	4.02	0.68	3.8	-	3.53	0.07	1	180	-S.	-S.	17	17
740601	-	-	0.30	14.03	3.69	0.77	4.7	-	3.46	1.29	2	1120	2	30	14	14
MEAN	-	0.00	0.25	13.08	3.99	0.74	4.4	2.85	3.58	0.46	1	533	1	10	0	15
DEVIA.	-	0.00	0.05	0.93	0.20	0.04	0.4	0.00	0.11	0.56	1	391	0	7	0	1
	Cl FFM	Cu ppm	Ga ppm	Ge ppm	Hg FFM	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	SI ppm	V ppm	Zn ppm	Zr ppm
720920	10	70	18	-2	0.04	-S.	380	-1	50	190	-S.	11	30	79	515	620
730425	160	52	28	-4	0.14	-S.	540	-S.	83	390	-S.	24	17	140	765	930
740601	290	55	15	-S.	0.71	-S.	540	8	49	210	-S.	11	-	87	936	380
MEAN	153	59	20	0	0.30	0	487	3	61	263	0	15	24	102	739	643
DEVIA.	96	7	5	0	0.27	0	71	2	15	84	0	6	7	25	149	191

4710 VESDRE FORCET(A)MONT PRAYO Lambert coord.: 24J075 - 141450 WATER

Temp C	pH	PH MV	K MCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. Carb. mg/l	N.C.H. mg/l	phln. mg/l	d.t. cyan. mg/l
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
0	0	15	0	260	0.18	260	u	0	84	-	-	-	-
0	0	25	10	80	0.00	205	0	9	105	-	-	-	-
0	0	21	5	360	0.00	216	6	0	130	-	-	-	-
0	0	25	79	190	0.00	108	65	0	120	-	-	-	-
0	0	1	0	540	0.03	140	7	0	130	-	-	-	-
0	0	0	6	545	0.04	135	5	0	140	-	-	-	-
0	0	14	16	329	0.04	177	1u	1	118	-	-	-	-
0	0	11	30	188	0.07	58	2u	3	20	-	-	-	-

740905 Pesticides not measured
 740918 Pesticides not measured
 741002 Pesticides not measured
 741002 Pesticides not measured
 741024 Pesticides not measured
 741024 Pesticides not measured

3740 VESDRE FOR<ET(ROCHEITE) Lambert coord.: 240900 - 142750 SEDIMENTS

H2C %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
31.7	25.2	4.40	-	37.4	3.69	20.7	10.5	10.17	-	-	-	9.8	9.5	8.5
740601	26.2	-	-	-	-	67.2	-	-	-	-	-	10.0	5.0	8.9
MEAN	25.7	4.40	-	37.4	3.69	43.9	10.5	10.17	-	-	-	9.9	7.3	8.7
DEVIA.	0.5	0.00	-	0.0	0.00	23.2	0.0	0.00	-	-	-	0.1	2.2	0.2

P205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
-	-	0.49	13.47	4.25	-	4.3	-	2.68	0.66	1	320	-S.	-S.	-S.	13
740601	-	1.45	14.09	4.25	0.70	4.3	-	2.76	1.04	5	990	1	50	400	19
MEAN	-	0.97	13.78	4.25	0.70	4.3	-	2.72	0.85	3	655	1	25	200	16
DEVIA.	-	0.48	0.31	0.00	0.00	0.0	-	0.04	0.19	2	335	0	13	100	3

Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Si ppm	V ppm	Zn ppm	Zr ppm
140	85	8	-S.	2.21	-S.	360	2	46	85	-	9	-	62	1655	460
740601	180	20	-S.	5.45	4	760	6	67	880	-S.	25	-	88	5255	590
MEAN	200	133	0	3.83	2	560	4	57	483	0	17	-	75	3455	525
DEVIA.	60	48	0	1.62	1	200	2	11	398	0	8	-	13	1800	65

3750

VESDPE

CHAUDFONTAINE

Lambert coord.: 240250 - 142500

SEDIMENTS

	H2C %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
	E205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740601	53.7	15.1	-	-	-	-	91.5	-	-	-	-	-	26.2	3.3	24.2	
740601	52.7	16.2	-	-	-	-	87.7	-	-	-	-	-	21.2	4.1	19.7	
740905	12.3	26.2	-	-	-	-	18.7	-	-	-	-	-	3.4	4.2	3.0	
MEAN	39.6	19.2	-	-	-	-	66.0	-	-	-	-	-	16.9	3.9	15.6	
DEVIA.	18.2	4.7	-	-	-	-	31.5	-	-	-	-	-	9.0	0.4	8.4	
740601	-	-	1.25	12.69	3.89	0.60	3.0	-	2.28	3.91	12	1220	3	180	650	27
740601	-	-	1.14	15.44	4.28	-	3.3	-	2.28	3.47	10	740	3	165	800	27
740905	-	-	0.34	11.29	-	-	3.8	-	2.83	0.13	2	270	-s.	-s.	60	15
MEAN	-	-	0.91	13.14	4.08	0.60	3.4	-	2.46	2.51	8	743	2	115	503	23
DEVIA.	-	-	0.38	1.53	0.20	0.00	0.3	-	0.24	1.58	4	318	1	38	296	5
740601	670	310	20	-s.	20.67	14	750	7	110	1120	-s.	49	-	110	4865	450
740601	620	260	20	-s.	38.68	26	760	7	110	820	-s.	50	-	110	5720	350
740905	98	150	10	-s.	5.60	1	710	2	57	290	-s.	28	-	67	2505	520
MEAN	463	240	17	0	21.65	14	740	5	92	743	0	42	-	96	4363	440
DEVIA.	243	60	4	0	11.35	8	20	2	24	302	0	10	-	19	1238	60

J/50 VESDRE		CHAUDFONTAINE					Lambert coord.: 240250 - 142500					WATER						
Temp C	pH	SH MV	K Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l						
N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 3- mg/l	P tot. mg/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. P mg/l	N.C.H. P mg/l	phln. mg/l	dlt. mg/l	Cyan. mg/l				
Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mg/l	Mn mg/l	Ni mg/l	Pb mg/l	Zn mg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl					
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740529	38	0	21	23	332	2.27	257	17	106	1043	-	-	-	-	-	-	-	-
740529	37	0	20	18	296	4.58	214	25	63	931	-	-	-	-	-	-	-	-
740905	23	0	14	0	390	0.26	305	5	0	1500	-	-	-	-	-	-	-	-
740918	22	0	31	31	375	0.36	360	10	39	970	-	-	-	-	-	-	-	-
741024	4	0	0	0	610	0.09	210	8	5	260	-	-	-	-	-	-	-	-
MEAN	24	0	17	14	400	1.51	269	13	42	940	-	-	-	-	-	-	-	-
DEVIA.	10	0	8	11	83	1.53	50	6	33	276	-	-	-	-	-	-	-	-
740529	Pesticides not measured																	
740529	Pesticides not measured																	
740905	Pesticides not measured																	
740918	Pesticides not measured																	
741024	Pesticides not measured																	

3770 VESDRE		VAUX-SOUS-CHEVREMO Lambert coord.: 239450 - 144000										WATER															
Temp C	PH	EH MV	K ACS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC mgC/l	N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. mg/l	H.N.C.H. mg/l	phln. mg/l	dit. mg/l	Cyan. mg/l
														Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
740529	-	-	-	-	-	-	-	-	-	-	-	-	-	53	6	38	18	360	2.41	200	20	76	1400	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	65	0	13	0	298	0.23	290	3	3	1170	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	18	0	20	17	385	0.31	355	7	35	740	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	45	2	23	11	347	0.98	281	10	38	1103	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	18	2	9	7	33	0.95	54	6	25	242	-	-	-	-

740529 pesticides not measured
 740905 pesticides not measured
 740918 pesticides not measured

4750 VISDRE CHENE (RANSY) Lambert coord.: 239025 - 144500 SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %
740905	16.7	25.2	-	-	-	-	32.1	-	-	-	-	-	8.2	3.1	7.8
MEAN	16.7	25.2	-	-	-	-	32.1	-	-	-	-	-	8.2	3.1	7.8
DEVIA.	0.0	0.0	-	-	-	-	0.0	-	-	-	-	-	0.0	0.0	0.0

	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
740905	-	-	0.53	11.67	-	-	3.8	-	2.50	0.42	4	320	-s.	-s.	220	20
MEAN	-	-	0.53	11.67	-	-	3.8	-	2.50	0.42	4	320	0	0	220	20
DEVIA.	-	-	0.00	0.00	-	-	0.0	-	0.00	0.00	0	0	0	0	0	0

	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
740905	98	200	13	-s.	4.01	1	1400	2	65	300	-s.	30	-	77	3960	430
MEAN	98	200	13	0	4.01	1	1400	2	65	300	0	30	-	77	3960	430
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	-	0	0	0

#750	VESDRE	CHEMICAL (RANST)										Lambert coord.: 239025 - 144500										WATER															
		Temp C	pH	EH mV	K mcs/cm	Susp.M mg/l	O2 %	PO4 J- mg/l	P tot. mg/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. mg/l	N.C.H. mg/l	phln. mg/l	d.t. mg/l	Cyan. mg/l	Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl						
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	60	0	14	0	440	0.50	330	4	42	1540	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
740918	19	0	23	20	350	0.38	360	8	41	920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	15	0	14	17	410	0.28	280	11	54	670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	15	0	14	16	450	0.45	280	5	52	650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	5	0	1	6	500	0.14	210	14	118	530	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MEAN	23	0	13	11	430	0.31	292	8	61	862	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	14	0	4	7	40	0.08	42	3	22	294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	Pesticides not measured																																				
740918	Pesticides not measured																																				
741002	Pesticides not measured																																				
741002	Pesticides not measured																																				
741024	Pesticides not measured																																				

4940 VESDRE

CRENEE(LICNEU)

Lambert coord.: 238800 - 145075 WATER

Temp C	pH	EH mV	K mS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
740918	-	-	-	-	-	-	-	-	-	-	-	-	-		
N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.H. P	Carb.H P	N.C.H. P	phln. mgC/l	dit. mg/l	cyan. mg/l
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl		
740918	0	16	6	350	0.41	310	7	21	260	-	-	-	-		

740918 Pesticides not measured



1050 VESDRE

CHENE (POINT)

Lambert coord.: 238475 - 145075

WATER

Temp C	pH	EH mV	K mcS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	PIC mgC/l
720427	7.2	362	-	45	71	7.9	0.4	0.0	-	8.4	37	-	-
720920	6.8	349	-	60	66	7.0	3.7	3.7	-	4.9	30	-	-
730507	6.1	344	267	30	94	10.5	8.6	4.4	-	6.1	15	3.0	18.5
740321	6.9	332	260	160	93	11.0	8.1	1.1	-	9.9	60	5.4	17.4
740418	-	-	-	-	-	-	-	-	-	-	-	-	-
740529	7.1	-	-	-	69	6.8	2.5	0.0	-	19.0	46	18.0	32.0
740918	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	11.4	6.8	346	73	78	8.6	4.7	1.8	-	9.7	37	8.8	22.6
DEVIA.	2.1	0.3	3	43	11	1.7	3.0	1.8	-	3.8	12	6.1	6.2

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4=	CL-	F-	Tot.H. Carb. F	N.C.H. F	phn. mgC/l	dit. mg/l	cyan. mgC/l
720427	0.34	-	3.92	4.26	0.12	0.31	74	26	0.22	14.6	14.0	0.6	0	0.00
720920	0.42	0.15	2.79	3.21	0.30	0.40	58	14	0.21	7.0	7.0	0.0	0	0.70
730507	1.21	0.01	2.95	4.15	0.11	0.12	46	14	0.44	12.5	8.3	4.2	0	0.00
740321	0.20	0.33	-	-	0.08	-	44	14	0.16	10.0	6.5	3.5	0	0.10
740418	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740529	1.85	0.73	2.25	4.10	0.56	0.61	74	26	0.24	15.4	15.0	0.4	0	0.40
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	0.80	0.30	2.98	3.93	0.23	0.36	59	18	0.25	11.9	10.2	1.7	0	0.24
DEVIA.	0.58	0.22	0.47	0.36	0.16	0.15	11	5	0.07	2.7	3.5	1.7	0	0.25

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720427	106	7	40	36	524	1.00	22	32	513	8580	15800	12000	16000
720920	40	2	13	23	630	0.86	15	100	1545	12400	43000	7500	25400
730507	140	4	0	49	178	0.07	5	96	102	30600	66000	44000	41000
740321	7	3	-	29	750	0.25	13	47	490	520000	210000	120000	17000
740418	-	-	-	-	-	-	-	-	-	415000	100000	10000	18000
740529	41	6	38	250	260	2.21	126	-	1018	3640000	140000	40000	19000
740918	23	4	43	750	440	0.23	37	50	1900	-	-	-	-
741002	17	0	108	1500	450	0.58	29	33	860	-	-	-	-
741002	15	0	13	33	430	0.00	5	21	500	-	-	-	-
741024	5	0	1	45	655	0.04	12	48	645	-	-	-	-
741024	5	0	1	16	665	0.16	10	23	510	-	-	-	-
MEAN	40	2	28	278	498	0.54	27	50	808	771096	95800	38916	22733
DEVIA.	46	2	34	484	183	0.68	36	29	545	1423044	70836	42716	9542

720427	HCH alpha :	375 ng/l;	HCH delta :	8 ng/l;	dieldrin :	11 ng/l;	HCB :	41 ng/l;
720920	HCH alpha :	165 ng/l;	lindane :	47 ng/l;				
730507	Pesticides	not measured	lindane :	54 ng/l;				
740321	HCH alpha :	30 ng/l;	lindane :	92 ng/l;				
740418	Pesticides	not measured						
740529	Pesticides	not measured						
740918	Pesticides	not measured						
741002	Pesticides	not measured						
741002	Pesticides	not measured						
741024	Pesticides	not measured						
741024	Pesticides	not measured						

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.
 A: PLANCTON number individuals x 100/L B: PERIPHYTON number individuals x 100/17cm²

	24	26	28	60	66	74	91	99	115	133	139
720927 721017 B	3600	-	-	-	-	60	-	-	-	240	-
740321 A	-	100	720	20	-	-	-	20	-	-	20
740418 A	-	40	-	-	-	20	-	80	-	-	-
740529 A	-	-	-	80	-	-	-	40	80	120	20
740618 A	-	20	280	60	-	-	20	60	20	40	-
720927 721017 B	152	157	178	183	186	191	195	197	202	203	207
740321 A	-	-	1440	-	-	-	80	580	-	-	-
740418 A	-	-	980	-	60	20	-	-	-	-	-
740529 A	-	-	240	-	1210	-	-	-	-	-	-
740618 A	20	60	-	20	-	-	-	-	40	20	20
720927 721017 B	220	221	225	237	240	242	256	258	265	273	275
740321 A	760	-	40	-	100	60	120	-	1240	40	-
740418 A	280	-	-	-	-	-	-	40	-	-	20
740529 A	-	-	-	-	-	-	-	180	-	-	-
740618 A	80	20	80	20	-	-	-	-	-	-	-
720927 721017 B	277	281	286	289	290	292	293	298	299	300	302
740321 A	-	920	300	-	1260	-	-	660	-	460	440
740418 A	20	-	-	80	120	60	-	-	260	260	320
740529 A	-	-	-	20	100	160	-	80	20	2680	60
740618 A	-	-	-	-	200	-	120	80	20	60	80
720927 721017 B	305	306	309	310	311	317	318	320	321	324	325
740321 A	80	1340	60	-	-	1120	-	60	20	-	20
740418 A	-	60	220	20	-	-	-	-	-	20	-
740529 A	-	20	1520	400	-	-	20	-	-	-	20
740618 A	-	-	940	-	140	-	-	-	-	-	-
720927 721017 B	331	341	347	351	352	354	355	358	363	372	382
740321 A	20	-	680	440	-	120	380	180	40	1820	-
740418 A	20	20	-	-	-	-	-	40	-	-	-
740529 A	-	-	20	-	40	-	80	940	-	-	40
740618 A	-	20	80	-	-	-	-	1760	-	-	-

	383	385	390	393	402	423	424	425	437	438	444		
720927 721017 B	160	-	20	20	100	340	-	40	40	-	20		
740321 A	920	-	-	-	-	-	-	-	-	-	-		
740418 A	3840	-	-	-	-	-	-	-	-	-	-		
740529 A	380	200	-	-	-	-	20	-	-	80	-		
740618 A	340	40	-	-	-	-	-	-	-	40	-		
449	455	461	463	468	482	487	497	504	516	529			
720927 721017 B	100	-	20	-	-	920	60	-	-	320	1160		
740321 A	20	40	-	-	-	20	-	100	-	40	-		
740418 A	100	-	-	-	-	-	-	-	-	200	140		
740529 A	80	-	-	60	80	-	-	-	-	40	-		
740618 A	60	-	-	-	20	-	-	-	-	20	-		
534	535	541	553	558	566	575	576	577	596	607			
720927 721017 B	100	120	40	-	80	-	40	40	40	-	-		
740321 A	-	-	-	80	40	-	20	20	-	-	20		
740418 A	-	-	20	-	-	-	-	-	-	-	-		
740529 A	20	-	-	-	-	20	-	-	-	-	20		
740618 A	-	-	-	-	-	-	-	-	-	-	-		
611	612	695	704	735									
720927 721017 B	390	10	110	10	10.7	4.7	0.4	1.1	3.6	4.4	0.4		
740321 A	20	-	-	-	-	3.9	0.4	1.4	3.2	4.1	1.0		
740418 A	-	-	40	-	-	3.1	0.4	2.3	3.3	3.6	0.4		
740529 A	-	-	40	-	-	3.6	0.5	1.2	4.7	3.4	0.1		
740618 A	40	-	-	-	-	3.2	0.2	0.8	3.7	4.4	0.9		
720927 721017 B	59	23109	58.5	14.0	10.7	4.7	0.4	1.1	3.6	4.4	0.4		
740321 A	36	5137	-	-	-	3.9	0.4	1.4	3.2	4.1	1.0		
740418 A	30	12364	-	-	-	3.1	0.4	2.3	3.3	3.6	0.4		
740529 A	34	5076	-	-	-	3.6	0.5	1.2	4.7	3.4	0.1		
740618 A	29	5144	-	-	-	3.2	0.2	0.8	3.7	4.4	0.9		
	Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight	Chlor.a mg/m2	Div. SHANNON	bo	Saprobity ao	bm	am	p	%Spec.	%Indiv.

4760 VESDRE CHENESE (AVAL PONT) Lambert coord.: 238150 - 145225 WATER

Temp C	pH	EH MV	K MCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC mgC/l
-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-

M amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	P04 j- mgP/l	P tot. mgP/l	S04= mg/l	Cl- mg/l	F- mg/l	Tot.H. F mg/l	Carb. H P mgC/l	N.C.H. P mgC/l	pb/n. mgC/l	dit. cyan. mgC/l
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740905	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740918	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
741024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVIA.	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
13	0	16	14	190	0.29	275	3	3	810	-	-	-	-
740918	21	18	51	265	0.41	355	10	33	700	-	-	-	-
741002	15	14	72	370	0.37	300	4	21	530	-	-	-	-
741024	6	1	16	800	0.22	215	12	100	590	-	-	-	-
MEAN	13	12	38	406	0.32	286	7	39	657	-	-	-	-
DEVIA.	4	5	23	196	0.07	41	3	30	97	-	-	-	-

740905 Pesticides not measured
 740918 Pesticides not measured
 741002 Pesticides not measured
 741024 Pesticides not measured

Temp C.	pH	SH MV	K mg/l	Susp. M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
7.0	7.3	354	-	5	96	11.4	9.7	-	8.5	2.9	4	-	-
11.5	7.1	344	-	15	97	10.3	9.1	8.9	-	2.1	8	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.2	7.2	349	-	10	97	10.8	9.4	8.9	8.5	2.5	6	-	-
2.2	0.1	5	-	5	0	0.6	0.3	0.0	0.0	0.4	2	-	-
N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 3- mg/l	P tot. mg/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot. H. Carb. mg/l	N.C.H. F mg/l	Phn. F mg/l	d.t. cyan. mg/l
0.00	-	1.80	1.12	1.12	0.00	0.12	16	16	0.12	6.6	5.0	1.6	0
0.06	0.02	1.71	2.25	2.31	0.10	0.19	14	14	0.14	6.0	6.0	0.0	0
-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
0.03	0.02	1.75	1.68	1.71	0.05	0.16	15	15	0.13	6.3	5.5	0.8	0
0.03	0.00	0.05	0.57	0.59	0.05	0.03	1	1	0.01	0.3	0.5	0.8	0.50
Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot. count col./ml	Tot. coli. col./dl	Pec. coli. col./dl	Pec. strep col./dl
0	0	8	45	832	0.15	83	10	6	213	443	7000	175	1060
10	0	9	3	312	0.60	86	5	9	50	1030	6000	1500	2900
2	0	10	12	180	0.05	42	9	60	575	-	-	-	-
5	0	9	20	441	0.27	70	8	25	279	736	6500	837	1980
3	0	0	16	260	0.22	18	2	23	197	293	500	662	920

720427 lindane : 9 ng/l;
 720920 Pesticides not measured
 740529 Pesticides not measured

1080

MEUSE

HERSTAL

Lambert coord.: 240075 - 152050

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	+2mu %	-2mu %	+63mu Spec.S m2/g	LW550 %	LW1000 %	O.M. %				
720919	28.2	-	-	-	-	87.2	-	-	6.6	9.6	10.8	15.4				
MEAN	28.2	-	-	-	-	87.2	-	-	6.6	9.6	10.8	15.4				
DEVIA.	0.0	-	-	-	-	0.0	-	-	0.0	0.0	0.0	0.0				
	F205 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720919	-	0.00	1.03	13.24	6.56	0.72	9.1	1.30	1.92	0.45	5	620	-S.	83	240	24
MEAN	-	0.00	1.03	13.24	6.56	0.72	9.1	1.30	1.92	0.45	5	620	0	83	240	24
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Si ppm	V ppm	Zn ppm	Zr ppm
720919	560	97	13	-1	1.91	-S.	1630	6	110	380	-S.	270	115	180	3665	290
MEAN	560	97	13	0	1.91	0	1630	6	110	380	0	270	115	180	3665	290
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0

1040 MEUSE HERSTAL Lambert coord.: 2400/5 - 15050 WATFF

Temp C	pH	PH MV	K MCS/cm	Susp.M mg/l	O ₂ %	O ₂ mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD ₅ mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
120427 10.5	7.1	354	-	25	87	9.4	7.4	-	3.0	6.4	4	-	-
120919 16.0	7.1	314	-	25	68	6.5	4.4	1.3	-	4.2	8	-	-
MEAN 13.2	7.2	336	-	25	77	7.9	5.7	1.3	3.0	7.8	6	-	-
DEVIA. 2.7	0.1	17	-	0	9	1.4	1.6	0.0	0.0	1.4	2	-	-

N amm. mgN/l	NO ₂ ⁻ mg/l	NO ₃ ⁻ mg/l	N org. mgN/l	N tot. mgN/l	P tot. mgP/l	PO ₄ ³⁻ mgP/l	Cl ⁻ mg/l	F ⁻ mg/l	Tot.H. mg/l	Card.H mg/l	N.C.H. mg/l	phn. mg/l	dit. mg/l	Cyan. mg/l
720427 0.00	-	9.48	3.14	3.14	0.35	0.18	36	1.00	17.2	12.2	5.0	33	0.00	0.0
120919 0.16	3.46	-	3.63	3.79	0.40	0.34	32	1.66	15.0	11.3	3.7	0	0.70	0.0
MEAN 0.08	3.46	9.48	3.38	3.46	0.38	0.26	34	1.33	16.1	11.7	4.3	16	0.15	0.0
DEVIA. 0.08	0.00	0.00	0.24	0.53	0.02	0.08	2	0.33	1.1	0.5	0.7	16	0.35	0.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Pot-count col./dl	Tot.coll. col./dl	Pec.coll. col./dl	Sec.strep col./dl
720427 8	0	6	28	752	0.12	136	10	5	215	7200	16000	6200	7650
120919 10	0	10	10	552	0.35	223	8	48	398	56000	62000	17200	3550
MEAN 0	0	8	19	652	0.23	179	9	26	306	31600	39000	11700	5600
DEVIA. 0	0	2	8	100	0.12	43	1	21	91	24400	23000	5500	2050

720427 BCh alpha : 15 ng/l; lindane : 9 ng/l;
 120919 pesticides not measured

1570 JULIENNE

ARGENTEAU

Lambert coord.: 242950 - 155750

SEDIMENTS

	E20	Color	+1mm	+149mu	+63mu	+37mu	-37mu	+2mu	-2mu	+149mu	+63mu	Spec.S	LW550	LW1000	O.M.	
	%	Muns.	%	%	%	%	%	%	%	% f.m.	% f.m.	m2/g	%	%	%	
720919	3.0	-	-	-	-	-	16.1	-	-	-	-	24.5	2.3	2.7	1.5	
MEAN	3.0	-	-	-	-	-	16.1	-	-	-	-	24.5	2.3	2.7	1.5	
DEVIA.	0.0	-	-	-	-	-	0.0	-	-	-	-	0.0	0.0	0.0	0.0	
	E205	Cl-	Tot.S	Al2O3	Fe2O3	TiO2	CaO	MgO	K2O	Crude	Ag	Ba	Be	Bi	Cd	Co
	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm
720919	-	0.00	0.03	13.30	7.30	0.87	0.1	0.92	2.17	0.00	0	230	-s.	-9	-s.	16
MEAN	-	0.00	0.03	13.30	7.30	0.87	0.1	0.92	2.17	0.00	0	230	0	0	0	16
DEVIA.	-	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0	0	0	0	0	0
	Cr	Cu	Ga	Ge	Hy	In	Mn	Mo	Ni	Pb	Sb	Sn	Sr	V	Zn	Zr
	Fpm	ppm	ppm	ppm	Fpm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
720919	80	18	21	3	0.06	-s.	1320	2	68	63	-s.	8	30	93	175	600
MEAN	80	18	21	3	0.06	0	1320	2	68	63	0	8	30	93	175	600
DEVIA.	0	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0

Temp C	pH	EH mV	K mcS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l		
720919	7.3	309	-	15	88	9.1	4.8	1.5	-	17.0	8	-	-		
N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	Tot.N. P	Card.H P	N.C.H. P	phln. mgC/l	dlt. mg/l	cyan. mcg/l
720919	1.36	3.08	2.14	3.54	1.01	1.04	125	30	0.51	25.4	17.5	7.9	0	0.70	0.0
Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl		
720919	0	0	7	334	0.22	373	12	49	125	4400	70000	9800	5320		

720919 HCH alpha : -2 ng/l; lindane : 16 ng/l;

1570 JULIENNE ARGENTEAU Lambert coord.: 242950 - 155750 HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.
 A: FIANTCN number individuals x 100/l B: PERIPHYTON number individuals x 100/17cm²

Sample ID	Number Species	Number Individ.	Dry-Asfree mg/17cm ²	Weight mg/m ²	Chlor.a mg/m ²	Div. SHANNON	bo	Saprobity ao	bm	am	p	%Spec.	%Indiv.
740709	67	70	91	99	115	133	152	157	183	221	224		
740705	A	80	120	560	-	40	-	200	40	40	-		
740705	A	-	60	300	720	180	1560	86400	60	360	60		
740705	A	240	242	262	285	290	292	293	298	300	302		
740705	A	40	40	-	-	160	40	-	120	40	80		
740705	A	-	-	60	60	720	-	60	-	180	360		
740705	A	306	309	310	319	324	331	341	347	377	383		
740705	A	40	4360	-	-	160	40	-	120	80	360		
740705	A	180	2700	1980	60	540	-	300	300	840	124800		
740705	A	385	394	409	422	436	482	487	499	516	541		
740709	A	40	40	-	-	-	120	40	-	80	-		
740709	A	1200	-	60	60	60	-	-	60	60	60		
740709	A	548	558	566	594	607	647	681					
740709	A	40	-	80	-	120	-	-					
740709	A	240	60	-	360	240	180	180					
740709	A	32	8655	-	-	-	0.2	0.5	4.6	4.4	0.3	71	89
740709	A	43	226998	-	-	-	0.3	0.5	4.0	4.9	0.4	62	4

1580 BERWINNE		MOLLINGEN					Lambert coord.: 244900 - 161525					SEDIMENTS				
	H2O %	Color Muns.	+1mm %	+149mu %	+63mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %	
720919	21.7	-	-	-	-	-	68.8	-	-	-	-	10.5	7.6	5.7	9.4	
MEAN	21.7	-	-	-	-	-	68.8	-	-	-	-	10.5	7.6	5.7	9.4	
DEVIA.	0.0	-	-	-	-	-	0.0	-	-	-	-	0.0	0.0	0.0	0.0	
	F205 %	Cl- %	Tot.S %	Al203 %	Fe203 %	Ti02 %	Ca0 %	Mg0 %	K20 %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
720919	-	0.00	0.65	12.76	5.65	0.85	2.3	0.66	2.21	0.06	1	240	-s.	-9	-s.	18
MEAN	-	0.00	0.65	12.76	5.65	0.85	2.3	0.66	2.21	0.06	1	240	0	0	0	18

1580 BERWINNE		MOLINGEN		Lambert coord.: 244900 - 161525										WATER		
Temp C	PH	EH	K	SUSP.N	O2	02	(24h)	(48h)	(120h)	BOD5	COD	TOC	FIC			
		mv	mcS/cm	mg/l	%	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mgC/l	mgC/l			
720919	7.7	334	-	25	97	10.2	7.5	0.2	-	18.6	8	-	-			
N amm.	NO2-	NO3-	N org.	N tot.	PO4	3-P	tot.	SO4=	Cl-	P-	Tot.H.	Carb.H	N.C.H.	phln.	dlc.	cyan.
mg/l	mg/l	mg/l	mgN/l	mgN/l	mgP/l	mgP/l	mgP/l	mg/l	mg/l	mg/l	P	P	P	mcg/i	mg/l	mcg/l
720919	0.00	6.16	2.69	2.72	0.17	0.19	74	20	0.43	11.0	11.0	0.0	0	3.30	0.0	0.0
Cd	Co	Cr	Cu	Fe	Hg	Mn	Ni	Pb	Zn	Tot.count	Tot.coli.	Fec.coli.	Fec.strep			
mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	mcg/l	col./ml	col./dl	col./dl	col./dl			
720919	7	0	0	5	740	0.14	123	10	11	110	4000	31200	4600	580		

720919 lindane : 20 ng/l;



1590

MEUSE

Lambert coord.: 243975 - 166850

LANAYE

SEDIMENTS

	H2O %	Color Muns.	+1mm %	+149mu %	+37mu %	-37mu %	+2mu %	-2mu %	+149mu f.m. %	+63mu f.m. %	Spec.S m2/g	LW550 %	LW1000 %	O.M. %		
730314	17.2	15.2	-	13.9	25.1	3.42	55.3	2.32	14.5	8.12	30.6	5.2	10.8	12.3		
730719	28.0	15.2	2.69	-	20.4	0.19	62.2	8.10	-	-	-	10.4	12.0	9.5		
730913	13.6	15.1	3.71	-	27.5	0.00	47.9	8.42	-	-	-	13.4	9.8	12.2		
740228	21.5	15.1	0.00	-	44.6	8.14	31.8	8.30	-	-	-	5.1	14.2	4.3		
740528	24.2	15.1	-	-	-	-	62.0	-	-	-	-	7.7	10.1	5.9		
MEAN	20.9	15.1	2.13	13.9	29.4	2.94	49.3	6.78	14.5	8.12	30.6	8.4	11.4	8.8		
DEVIA.	4.4	0.0	1.42	0.0	7.6	2.84	9.4	2.23	0.0	0.00	0.0	2.8	1.4	3.0		
	Fe2O5 %	Cl- %	Tot.S %	Al2O3 %	Fe2O3 %	TiO2 %	CaO %	MgO %	K2O %	Crude %	Ag ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm
730314	-	0.00	0.48	6.80	4.85	0.43	13.5	-	1.23	0.14	2	-	-S.	-S.	-S.	12
730719	-	-	0.45	9.25	6.09	-	12.1	-	1.58	0.45	3	672	-	23	-S.	12
730913	-	-	0.67	9.17	5.82	-	11.9	-	1.70	0.36	2	715	-S.	20	-S.	10
740228	-	-	0.46	7.42	6.15	-	13.9	-	1.18	0.15	3	-	-S.	10	-S.	9
740528	-	-	0.46	7.98	6.17	0.52	12.6	-	1.22	0.13	2	380	-S.	19	-	10
MEAN	-	0.00	0.50	8.12	5.82	0.47	12.8	-	1.38	0.25	2	589	0	14	0	11
DEVIA.	-	0.00	0.07	0.87	0.39	0.05	0.7	-	0.21	0.13	0	139	0	5	0	1
	Cr ppm	Cu ppm	Ga ppm	Ge ppm	Hg ppm	In ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	V ppm	Zn ppm	Zr ppm
730314	100	170	4	-S.	2.08	-S.	1150	-8	55	260	-S.	37	50	59	1580	310
730719	180	300	8	-7	0.57	-	1400	-3	67	310	-S.	54	-	46	2690	450
730913	210	220	5	-3	6.93	-	1170	4	70	160	-S.	40	-	70	2670	290
740228	71	140	11	-5	3.27	-8	1130	-S.	36	630	-	41	-	54	1765	580
740528	140	140	6	-3	3.71	-	1230	5	62	570	-S.	78	-	64	2090	420
MEAN	140	194	7	0	3.39	0	1216	2	58	386	0	50	50	59	2159	410
DEVIA.	44	53	2	0	1.54	0	79	1	10	171	0	13	0	7	417	88

1590	Lambert coord.: 243975 - 166850										WATER									
	MPUSE	Temp	pH	FH	K	Susp.H	O2	O2	(24h)	(48h)	(120h)	BOD5	COD	TOC	PIC	CYAN.				
	C		mg/l	mg/cm	mg/l	%	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l		mg/l			
720919	15.5	7.2	314	-	15	79	1.7	6.2	1.4	-	12.5	4	-	-	-	-				
730314	7.0	7.4	-	415	10	92	11.3	7.4	4.5	-	6.8	7	-	-	-	-				
730719	21.0	7.5	341	-	10	65	5.9	3.2	1.2	-	4.6	4	10.5	34.0	-	-				
730913	20.5	7.5	-	-	10	85	7.8	5.2	3.7	-	7.0	19	8.5	49.0	-	-				
740228	7.2	7.4	-	-	16	95	11.6	8.4	-	4.8	6.8	8	-	-	-	-				
740528	20.0	6.8	-	-	30	65	6.0	1.5	0.0	-	8.0	12	11.5	-	-	-				
740625	25.0	7.2	-	637	10	79	6.7	3.9	2.2	-	7.6	14	13.0	-	-	-				
740718	20.5	-	-	-	-	66	6.0	4.5	4.0	-	3.2	-	-	-	-	-				
740815	17.0	1.3	-	740	10	78	7.6	5.5	-	1.8	6.8	22	5.0	-	-	-				
740910	18.0	1.7	-	716	15	75	7.2	6.3	3.4	-	7.1	11	4.0	-	-	-				
741009	11.0	7.4	359	505	270	82	9.2	7.4	5.3	-	7.0	54	-	-	-	-				
741107	7.0	6.8	354	352	105	106	12.9	9.8	-	6.6	6.3	19	-	-	-	-				
741204	8.0	7.2	314	299	60	76	9.1	8.7	7.5	-	3.0	18	3.5	-	-	-				
750106	7.2	7.8	254	718	15	99	12.1	10.1	8.6	-	6.0	19	-	-	-	-				
750204	5.9	7.7	334	333	40	97	12.2	11.3	9.5	-	5.0	14	-	-	-	-				
750304	8.7	7.2	339	510	-	93	10.9	8.8	7.7	-	5.5	8	2.2	-	-	-				
750403	6.5	7.5	354	341	35	94	11.9	10.0	7.7	-	7.5	7	4.3	-	-	-				
750506	14.0	7.3	274	111	80	97	10.1	8.6	-	4.7	5.4	10	4.1	-	-	-				
750604	16.0	7.8	394	599	10	83	8.3	7.2	0.6	-	4.4	19	4.2	-	-	-				
750703	21.5	7.3	334	603	10	89	7.9	7.8	-	2.9	5.0	24	4.1	-	-	-				
750730	23.5	1.5	534	659	25	90	7.7	6.4	3.9	-	5.0	23	3.9	-	-	-				
750826	22.5	7.7	359	613	15	82	7.3	6.4	4.4	-	7.4	20	4.5	-	-	-				
SEAN	14.7	7.4	347	567	39	85	9.0	7.0	4.4	4.2	6.3	16	5.9	41.5	-	-				
DEVIA.	6.6	0.3	64	172	60	11	2.3	2.4	2.9	1.4	2.0	10	3.4	7.5	-	-				
720919	0.03	0.00	3.90	2.36	2.39	0.24	0.30	32	32	0.45	15.0	12.5	2.5	0	1.30	0.0				
730314	0.74	0.04	2.36	0.89	2.15	1.10	-	57	38	1.36	18.0	13.0	5.0	0	1.50	0.0				
730719	1.78	0.48	7.80	3.29	4.08	1.79	1.85	82	74	0.01	23.6	17.0	5.6	0	0.40	0.0				
730913	2.50	0.29	5.10	-	-	-	-	90	90	0.20	28.0	20.7	7.2	0	0.00	0.0				
740228	0.09	0.02	12.10	-	-	0.05	-	41	30	0.73	19.4	14.2	5.1	0	0.00	0.0				
740528	1.67	0.10	7.10	-	-	0.67	-	65	46	0.97	22.6	18.0	4.6	0	0.04	0.0				
740625	3.99	0.80	8.05	-	-	1.61	-	94	10	-	24.4	16.2	8.2	0	0.06	0.0				
740718	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
740813	1.32	0.03	16.70	0.68	2.00	0.01	0.80	40	64	-	16.2	9.2	6.9	0	0.00	0.0				
740910	1.10	0.07	2.27	3.12	4.22	1.68	-	77	90	1.05	24.0	17.7	6.3	0	0.03	0.0				
741009	1.32	-	-	2.76	4.08	0.84	1.25	98	58	-	18.6	13.7	4.8	0	0.12	0.0				
741107	0.40	0.07	11.60	2.01	2.41	0.13	0.17	38	26	0.19	14.2	11.0	3.2	0	0.00	0.0				
741204	0.31	0.03	10.56	0.57	0.88	1.28	1.28	35	18	0.37	13.0	9.5	3.5	0	0.08	0.0				
750106	8.40	1.10	0.00	0.00	8.40	0.20	0.33	726	60	0.52	16.2	13.0	3.2	0	0.18	0.0				
750204	0.18	0.06	10.10	0.39	0.57	0.11	1.89	28	16	0.26	16.0	13.0	3.0	7	0.00	0.0				
750304	0.60	-	-	0.37	0.97	4.46	4.50	62	32	-	25.0	18.2	6.7	44	0.07	0.0				
750403	0.30	0.04	11.30	4.10	4.40	0.26	0.26	40	20	0.28	14.0	10.0	4.0	59	0.00	0.0				
750506	0.42	2.10	6.60	0.21	0.63	0.04	1.03	54	50	0.00	37.6	31.7	5.8	29	0.01	0.0				
750604	1.00	0.30	13.70	2.20	3.20	0.47	0.47	56	50	0.95	22.8	16.5	6.3	0	0.07	0.0				
750703	0.90	0.70	10.60	1.50	2.60	0.40	0.60	56	56	0.16	25.0	18.2	6.7	0	0.05	0.0				
750730	0.60	0.76	10.30	0.70	1.30	0.60	0.60	50	60	0.52	25.0	17.7	7.2	0	0.01	0.0				
750826	0.85	0.92	0.92	1.37	2.20	0.44	0.44	62	70	0.52	25.0	19.2	5.7	0	0.00	0.0				

	Cd	Co	Cr	Cu	Fe	Hg	Mn	Ni	Pb	Zn	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
720919	19	0	19	11	617	0.29	155	0	30	434	384000	112000	11000	5100
730314	0	-	-	47	18	-	102	5	90	501	125000	10000	3000	8300
730719	1	0	0	10	320	0.41	100	0	10	200	111000	61000	46000	2000
730913	-	-	-	-	400	0.13	77	-	-	-	68000	73000	28000	200
740228	-	-	-	-	-	-	-	-	-	-	-	-	-	-
740528	1	0	5	19	4040	0.00	85	12	30	612	-	-	-	-
740625	2	0	14	7	1560	0.05	75	19	17	210	252000	780000	18000	200
740718	-	-	-	-	-	-	-	-	-	-	28100	670000	4000	700
740813	0	0	5	20	1600	0.05	210	10	22	570	-	-	-	-
740910	0	0	10	0	125	0.14	75	0	0	140	99000	200000	6000	550
741009	9	0	13	65	1800	0.18	270	16	270	1640	-	-	-	-
741107	3	8	8	12	700	0.06	218	44	-	356	-	-	-	-
741204	1	0	11	7	710	0.04	82	7	20	248	-	-	-	-
750106	2	0	19	15	2400	0.00	100	0	0	278	-	-	-	-
750204	2	0	2	18	1140	0.00	40	5	0	230	292000	40000	7000	3300
750304	2	0	2	13	630	2.40	96	6	4	172	300000	150000	13000	2900
750403	0	0	1	8	400	0.00	85	0	4	144	250000	120000	2000	12000
750506	0	9	1	18	670	0.79	150	10	3	150	271000	130000	10000	3600
750604	0	0	2	19	540	0.06	115	5	2	176	335000	70000	13000	4400
750703	0	0	2	6	300	0.80	110	0	8	135	167000	170000	2000	60
750730	0	0	2	0	390	0.00	100	4	6	100	615000	180000	19000	500
750826	5	0	1	3	200	0.14	80	0	4	164	70000	30000	6000	100
MEAN	2	0	6	15	928	0.29	116	7	28	340	224473	186400	12533	2927
DEVA.	4	2	6	15	963	0.57	57	10	63	350	154166	226828	11776	3454
720919	lindane : 22 ng/l; dieldrin : 4 ng/l;													
730314	Pesticides not measured													
730719	Pesticides not measured													
730913	Pesticides not measured													
740228	Pesticides not measured													
740528	Pesticides not measured													
740625	Pesticides not detectable													
740718	Pesticides not measured													
740813	Pesticides not measured													
740910	Pesticides not detectable													
741009	lindane : 50 ng/l; dieldrin : 15 ng/l;													
741107	Pesticides not detectable													
741204	Pesticides not detectable													
750106	Pesticides not detectable													
750204	Pesticides not detectable													
750304	Pesticides not detectable													
750403	Pesticides not detectable													
750506	Pesticides not detectable													
750604	Pesticides not detectable													
750703	Pesticides not detectable													
750730	Pesticides not detectable													
750826	Pesticides not measured													
750506	lindane : 5 ng/l;													
750604	lindane : 40 ng/l;													
750703	lindane : 25 ng/l;													
750730	Pesticides not detectable													
750826	Pesticides not measured													

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctoria; 640-702: Rotatoria; 703-739: Others.

A: PLANCTON number individuals x 100/1 B: PERIPHYTON number individuals x 100/17cm²

	28	44	70	91	99	107	114	136	178	180	182
730117	64	-	-	-	-	-	-	-	-	-	88
730217	240	60	-	-	60	-	-	60	-	360	-
730314	20	-	20	-	-	-	-	-	120	140	1080
730411	-	-	-	40	100	-	-	-	280	-	1260
730606	40	-	-	-	80	20	80	-	-	-	2450
730117	184	185	186	190	202	219	220	225	226	234	237
730217	-	104	408	-	-	48	-	-	40	-	-
730314	700	-	15450	-	-	960	960	120	1200	60	60
730411	6370	-	5110	-	-	140	-	60	160	-	20
730606	4060	-	3640	-	-	220	-	40	1240	-	20
	560	-	3780	80	160	720	-	-	520	-	40
730117	240	244	248	249	258	259	262	263	264	265	274
730217	8	164	-	12	-	-	-	-	-	28	-
730314	1200	15300	360	20	540	60	60	60	300	360	-
730411	20	4270	-	20	60	-	-	-	-	-	-
730606	80	3780	-	40	120	-	80	-	20	40	20
	120	7910	-	240	-	-	-	-	-	40	20
730117	281	284	286	287	288	290	292	295	296	298	299
730217	20	-	-	-	-	-	-	208	240	36	-
730314	1320	1320	-	120	180	540	120	7680	-	4680	180
730411	-	-	-	-	-	20	-	2360	-	400	80
730606	60	40	-	-	-	40	-	1020	-	180	-
	-	-	120	-	-	120	-	720	-	240	80
730117	300	301	302	303	305	306	307	309	310	311	315
730217	36	-	16	16	12	16	-	40	4	-	-
730314	4320	60	1980	1020	120	540	-	6900	180	-	120
730411	20	-	140	-	20	-	280	80	60	220	-
730606	160	-	80	-	-	240	240	380	2420	340	-
	360	-	240	-	-	-	240	120	120	160	-
730117	318	319	320	323	336	339	341	347	348	351	352
730217	-	240	60	4	-	-	168	8	-	-	8
730314	1320	20	60	-	480	60	4700	1080	60	-	600
	-	-	-	-	40	-	13840	120	-	40	80
	-	-	-	-	-	-	58290	420	-	-	780

HYDROBIOLOGY

Lambert coord.: 243975 - 166850

LANAYE

1590 MEUSE

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta;
 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata;
 628-638: Suctorina; 640-702: Rotatoria; 703-739: Others.
 A: FIANTCN number individuals x 100/1
 B: PERIPHYTON number individuals x 100/17cm²

	54	65	66	74	99	115	116	123	128	133	139
73071E A	-	-	-	-	-	-	-	-	-	-	-
730814 A	-	-	100	-	200	-	-	50	-	-	-
730913 A	110	-	-	-	-	50	-	-	330	-	110
731010 A	-	150	-	-	50	-	-	-	-	50	50
731108 A	-	-	-	-	-	-	-	-	-	-	-
731206 A	-	-	-	50	50	-	-	-	50	-	-
730718 A	157	162	178	179	180	182	183	184	186	193	195
730814 A	840	180	-	-	-	-	540	180	4560	-	-
730913 A	16100	300	9280	-	-	-	3480	4060	47560	-	-
731010 A	16280	-	-	-	220	4180	610	2310	-	550	-
73110E A	400	50	-	900	-	800	4950	200	3410	250	100
73120E A	-	-	-	-	-	-	1600	150	900	-	-
731206 A	-	-	-	-	-	-	2310	-	3190	-	-
730718 A	196	199	219	220	225	226	237	240	244	248	249
730814 A	-	-	120	180	-	-	-	60	4140	-	60
730913 A	-	300	400	-	-	900	-	-	1500	-	200
731010 A	330	-	-	-	110	-	-	330	1430	-	-
731108 A	150	-	50	-	-	250	-	-	300	-	-
73120E A	-	-	150	-	-	150	-	150	3050	-	50
731206 A	-	-	900	900	-	350	250	2000	10560	50	200
730718 A	256	258	264	265	279	289	290	295	296	298	300
730814 A	-	-	-	-	-	-	-	35580	-	2820	240
730913 A	-	-	-	-	-	-	-	18300	-	1600	300
731010 A	-	-	-	-	-	-	50	660	-	660	330
731108 A	-	-	-	-	-	-	-	800	-	800	150
731206 A	-	100	-	100	-	-	-	1900	3900	500	350
73120E A	100	1150	50	1200	50	1300	1550	4180	15070	3960	3300
730718 A	302	303	305	306	307	309	310	311	316	323	325
730814 A	-	-	60	-	-	1080	660	960	-	-	-
730913 A	100	-	-	-	-	2200	200	-	100	-	-
731010 A	-	-	-	-	-	770	220	-	-	-	110
73110E A	-	-	-	-	-	300	-	-	-	-	-

730718	A	331	336	341	347	348	351	352	354	355	358	372
730814	A	100	-	1620	60	-	-	180	-	-	60	32770
730913	A	-	-	700	-	-	200	700	-	-	300	79460
731010	A	-	-	770	-	-	-	-	220	660	50	-
73110E	A	-	-	850	-	-	-	150	-	200	300	-
73120E	A	-	650	1600	100	-	-	-	50	200	150	-
				55110	950	50	-	150	50	200	1900	-
730718	A	375	377	379	381	383	387	388	392	395	396	398
730814	A	420	2820	120	60	3060	-	-	-	1320	-	-
730913	A	3000	12101	-	-	31200	-	-	-	1600	-	-
731010	A	1430	6600	-	-	550	110	50	-	880	-	770
73110E	A	1050	2300	-	-	250	-	-	-	150	-	150
73120E	A	50	900	-	-	300	-	-	50	50	-	100
			1550	-	-	50	-	-	-	50	50	-
730718	A	400	401	402	403	404	407	408	410	415	417	419
730814	A	300	-	300	-	-	-	-	-	240	360	1620
730913	A	1800	600	1600	-	-	-	4320	-	600	400	300
731010	A	-	-	2530	10560	440	220	47080	100	1320	1870	330
73110E	A	50	-	550	800	-	-	1650	-	150	-	-
73120E	A	-	-	200	100	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-
730718	A	421	424	427	430	431	432	434	436	437	438	441
730814	A	480	-	-	120	360	60	60	6300	120	600	960
730913	A	4100	-	400	-	700	100	-	2100	100	1900	800
731010	A	1100	770	-	-	110	-	110	1760	-	550	440
73110E	A	100	-	-	-	50	-	-	2420	-	1700	1050
73120E	A	-	-	-	50	-	-	50	300	150	1250	100
			-	-	50	-	-	-	400	250	250	-
730718	A	442	444	445	447	448	449	453	456	459	461	465
730814	A	-	60	-	-	540	3120	-	540	240	360	780
730913	A	-	-	-	900	-	6100	-	400	700	500	-
731010	A	250	-	770	-	220	1210	50	990	330	-	-
73110E	A	-	-	600	-	-	10890	-	1250	-	-	-
73120E	A	-	-	100	-	-	850	-	-	-	-	-
			-	-	-	-	3550	-	-	100	150	-

730718	466	467	471	474	485	487	504	516	538	549	559
A	1080	660	-	-	-	420	-	720	-	-	-
A	4600	2100	-	-	800	700	-	800	-	-	-
A	1650	550	-	110	-	110	-	50	-	-	-
A	200	50	100	-	-	200	-	100	50	-	-
A	200	-	-	-	-	-	-	-	-	100	-
A	-	-	-	-	-	200	50	100	-	-	50

730718	594	607	611	613	641	642	647	650			
A	60	960	120	-	-	-	-	-			
A	400	300	100	-	20	-	20	-			
A	-	110	50	-	-	-	-	-			
A	1000	4950	50	100	-	-	-	-			
A	-	1400	150	-	-	10	-	10			
A	-	100	150	-	-	-	-	-			

	Number Species	Number Indiv.	Dry-Asfree mg/17cm2	Weight mg/m2	Chlor.a mg/m2	Div. SHANNON	bo	Saprobity ao	bm	am	p	%Spec.	%Indiv.
730718	58	120636	-	-	-	3.6	0.0	1.7	7.1	1.1	0.1	74	66
730814	64	275258	-	-	-	3.8	0.0	3.0	6.1	0.9	0.0	67	48
730913	60	117258	-	-	-	3.6	0.1	0.5	8.6	0.8	0.0	73	77
731010	54	47896	-	-	-	4.3	0.0	2.1	5.0	2.4	0.5	70	87
731108	44	22241	-	-	-	4.2	0.1	2.4	4.5	2.7	0.3	86	95
731206	58	132507	-	-	-	3.5	0.1	1.3	3.7	4.9	0.0	81	96

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 A: PLANKTON number individuals x 100/l
 B: PERIPHYTON number individuals x 100/17cm²

	44	64	91	95	99	133	139	157	180	183	192
740103	A	-	20	-	-	-	-	-	-	260	-
740228	A	-	-	-	-	-	20	20	-	140	20
740326	A	20	-	-	20	-	60	80	-	40	-
740429	A	-	-	40	-	-	160	80	-	20	40
740528	A	-	20	800	-	40	40	200	20	-	-
740103	A	195	202	220	225	226	240	244	248	258	262
740228	A	-	-	-	-	-	40	660	20	60	-
740326	A	20	-	60	100	60	-	1940	-	20	-
740429	A	-	-	-	-	480	40	1800	-	40	-
740528	A	40	40	20	-	320	-	280	-	-	40
740103	A	264	265	290	292	293	295	298	299	300	302
740228	A	-	60	-	-	-	160	40	-	-	40
740326	A	-	20	-	-	-	80	20	-	-	20
740429	A	-	40	180	40	220	340	200	20	500	60
740528	A	20	-	40	20	-	120	40	40	-	40
740103	A	303	305	309	310	311	317	318	320	323	324
740228	A	40	-	80	-	-	-	-	-	-	-
740326	A	-	40	20	20	-	20	-	-	20	-
740429	A	-	-	360	180	-	60	20	40	-	-
740528	A	-	-	240	160	80	-	-	-	-	-
740103	A	336	338	342	347	352	358	360	361	375	377
740228	A	-	-	-	-	40	100	-	-	-	80
740326	A	20	-	-	20	80	20	20	-	-	40
740429	A	-	-	20	220	140	400	-	20	-	20
740528	A	-	40	20	240	680	40	-	-	240	960
740103	A	380	383	386	395	409	415	417	419	421	424
740228	A	-	-	-	-	-	-	-	-	-	-
740326	A	-	60	-	-	-	-	-	20	-	-
740429	A	-	40	-	-	-	-	-	-	-	-
740528	A	-	320	-	20	40	20	40	40	80	-

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctorina; 640-702: Rotatoria; 703-739: Others.
 A: PIANCTON number individuals x 100/l
 B: PERIPHYTON number individuals x 100/17cm²

	44	66	67	78	89	91	107	109	116	133	136
740625	A	60	-	60	-	-	-	180	-	360	-
740813	A	20	10	-	10	-	-	-	-	-	10
740910	A	-	-	380	-	-	-	-	20	-	-
741009	A	-	100	80	20	20	10	-	-	-	10
741107	A	-	-	-	-	-	-	-	-	-	10
741204	A	-	-	-	10	-	-	-	-	10	20
740625	A	139	152	157	177	180	186	193	195	208	220
740813	A	60	60	2040	20	-	-	-	-	-	-
740910	A	20	10	120	-	20	460	-	-	20	60
741009	A	-	-	-	480	360	1520	20	100	40	-
741107	A	80	20	60	-	20	780	-	20	-	60
741204	A	-	-	-	-	-	560	-	-	-	20
741204	A	-	-	10	-	-	100	-	-	-	40
740625	A	221	225	226	237	240	244	247	248	249	262
740813	A	-	60	60	-	-	480	-	-	-	-
740910	A	100	180	80	40	160	500	-	-	80	-
741009	A	-	-	40	-	20	880	-	-	20	-
741107	A	-	240	420	20	540	320	-	40	-	-
741204	A	-	20	20	-	100	140	10	10	20	-
741204	A	-	20	120	-	20	-	-	-	40	60
740625	A	263	264	265	275	279	289	290	292	293	295
740813	A	60	-	20	-	-	20	60	60	240	960
740910	A	-	200	-	40	-	-	220	40	-	1640
741009	A	20	-	20	-	-	-	20	-	-	680
741107	A	10	460	-	-	20	-	140	20	-	7080
741204	A	10	60	-	-	80	-	100	-	-	300
741204	A	10	-	-	10	-	-	60	-	-	480
740625	A	298	299	300	302	303	306	309	310	318	319
740813	A	60	-	180	-	-	-	-	-	-	-
740910	A	320	40	60	540	-	600	3640	60	-	10
741009	A	340	-	-	160	40	20	220	100	20	-
741107	A	320	200	80	300	-	1220	760	40	-	40
741204	A	100	40	40	120	-	60	320	20	-	20
741204	A	40	-	10	20	-	120	80	80	-	60

	504	505	516	522	534	548	607	611	617	650	657
740625	A	-	-	20	-	-	180	-	-	-	-
740813	A	120	-	-	-	-	10	-	-	10	30
740910	A	-	40	-	-	-	40	-	-	-	-
741009	A	40	20	-	20	-	10	10	-	-	-
741107	A	-	-	-	-	-	-	-	40	-	-
741204	A	-	10	-	-	10	20	-	20	-	-
711											
740625	A	20	-	-	-	-	-	-	-	-	-
740813	A	-	-	-	-	-	-	-	-	-	-
740910	A	-	-	-	-	-	-	-	-	-	-
741005	A	10	-	-	-	-	-	-	-	-	-
741107	A	-	-	-	-	-	-	-	-	-	-
741204	A	-	-	-	-	-	-	-	-	-	-
711											
740625	A	63	21451	-	-	4.8	0.0	1.2	6.5	2.2	69
740813	A	74	16226	-	-	4.3	0.3	1.0	4.6	4.1	70
740910	A	45	8522	-	-	4.4	0.0	2.3	5.3	2.3	75
741009	A	66	29892	-	-	3.2	0.2	1.0	4.7	4.1	80
741107	A	37	6238	-	-	2.8	0.1	0.8	3.5	5.5	83
741204	A	39	4319	-	-	2.9	0.1	0.8	3.9	5.2	76

Number Species Number Dry-Asfree mg/17cm2 Weight Chlor.a mg/m2 Div. SHANNON Saprobity bo ao bm am p %Spec. %Indiv.



1590 MEUSE

IANAYE

Lambert coord.: 243975 - 166850

HYDROBIOLOGY

SPECIESCODE: 19-41: Bacteriophyta; 43-87: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyrrophyta; 178-370: Chrysophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctorina; 640-702: Potatoria; 703-739: Others.

A: PLANKTON number individuals x 100/1 B: PERIPHYTON number individuals x 100/17cm2

	66	67	89	103	112	113	115	130	133	139	157
750106	A	40	-	-	-	-	20	-	200	-	-
750205	A	-	20	-	-	-	-	-	20	20	20
750304	A	-	-	-	-	-	-	-	60	40	40
750403	A	-	-	-	-	-	-	-	40	40	20
750506	A	-	80	520	20	1120	20	10	-	180	-
750604	A	-	100	-	-	-	-	20	20	60	280
750106		175	177	180	183	186	191	195	199	202	211
750205	A	-	40	-	240	-	-	-	-	-	-
750304	A	-	-	-	-	180	-	-	-	-	-
750403	A	-	-	-	-	80	-	-	-	-	20
750506	A	260	-	-	-	40	-	-	-	-	-
750604	A	-	60	2220	-	-	120	20	-	40	-
750106		220	221	226	237	240	244	248	249	256	263
750205	A	-	190	60	-	160	80	20	-	-	-
750304	A	100	20	20	20	20	80	-	-	20	20
750403	A	20	-	120	-	-	-	-	-	-	-
750506	A	60	80	80	-	-	40	-	-	-	-
750604	A	120	80	60	-	20	120	20	20	-	-
750106		160	-	160	40	-	260	10	100	-	1060
750106		264	265	281	282	286	289	290	292	295	298
750205	A	20	-	40	-	-	-	120	20	520	-
750304	A	20	20	-	-	-	-	100	20	3360	60
750403	A	60	-	-	-	-	-	40	-	260	40
750506	A	-	20	-	220	-	-	160	-	560	-
750604	A	120	-	160	-	20	40	100	20	-	-
750106		299	300	302	305	306	308	309	310	314	319
750205	A	40	80	280	-	160	-	320	40	-	40
750304	A	20	40	40	60	100	180	-	60	20	-
750403	A	20	20	20	-	140	40	-	140	-	-
750506	A	-	60	100	20	820	-	260	100	-	-
750604	A	-	-	100	20	200	-	840	-	-	-

750106	A	320	324	336	341	347	351	352	358	359	360	361
750205	A	20	20	40	1160	20	-	20	80	-	-	20
750304	A	-	-	-	820	40	-	20	20	-	20	20
750403	A	20	-	-	3640	20	-	40	100	-	-	-
750506	A	-	-	20	2080	20	-	240	160	-	-	-
750604	A	580	20	-	500	100	-	160	660	-	-	-
		-	40	-	21200	100	150	40	160	80	-	-
750106	A	362	366	368	369	373	375	377	383	385	388	395
750205	A	-	40	-	-	20	-	-	20	-	20	40
750304	A	-	-	20	20	-	-	20	20	-	-	-
750403	A	-	-	40	-	-	-	40	80	-	-	-
750506	A	-	-	-	-	-	-	120	60	-	-	-
750604	A	20	-	-	-	-	1540	80	640	60	-	20
		10	-	-	10	-	4400	1320	1680	40	10	140
750106	A	396	402	413	415	419	424	430	431	436	437	438
750205	A	-	-	-	-	-	-	-	-	-	-	-
750304	A	20	-	-	-	-	-	-	-	-	-	-
750403	A	-	-	-	-	-	-	-	-	-	-	-
750506	A	-	80	40	100	100	160	20	-	-	-	-
750604	A	-	-	240	20	280	220	-	20	40	60	240
750106	A	441	444	449	451	452	455	456	459	465	466	480
750205	A	20	-	20	-	-	-	-	-	-	20	-
750304	A	-	-	-	-	-	-	-	-	-	20	-
750403	A	-	-	-	20	-	-	20	-	-	20	-
750506	A	20	20	-	-	-	-	-	-	-	40	-
750604	A	120	-	1860	40	-	-	-	20	-	160	-
		-	-	-	260	20	10	80	-	60	460	400
750106	A	488	504	511	512	516	522	528	607	611	650	681
750205	A	-	20	-	-	-	-	120	20	40	-	-
750304	A	-	-	-	-	-	-	-	-	40	-	-
750403	A	-	20	-	-	-	-	-	20	20	-	-
750506	A	-	60	-	-	-	-	-	-	20	-	-
750604	A	-	60	40	20	20	10	-	10	-	-	-
		20	60	-	-	100	-	-	160	40	10	10

SPECIESCODE: 19-41: Bacteriophyta; 43-57: Cyanophyta; 89-150: Euglenophyta; 152-175: Pyterophyta; 178-370: Chrysophyta; 216-370: Bacillariophyceae; 372-481: Chlorophyta; 482-483: Mycophyta; 485-514: Rhizopoda; 516-626: Ciliata; 628-638: Suctorina; 640-702: Rotatoria; 703-739: Others.
 A: PLANKTON number individuals x 100/l
 B: PERIPHYTON number individuals x 100/17cm²

	19	45	65	66	70	89	91	99	115	116	120
750703	-	-	60	-	60	-	-	-	-	-	-
750730	-	-	-	-	60	-	-	-	-	-	-
750826	-	140	-	-	-	-	-	-	-	40	-
750917	80	-	-	-	-	-	40	40	160	-	60
751016	-	-	-	20	-	40	-	-	40	-	-
751113	-	-	-	-	-	-	-	-	-	-	-
751211	-	-	-	-	-	-	-	-	-	-	-
128	130	133	139	152	157	163	177	178	180	183	
750703	-	-	-	-	440	-	-	340	60	480	
750730	-	-	40	-	4320	-	-	20	-	-	
750826	-	20	60	80	1220	-	-	-	80	80	
750917	40	-	-	-	160	160	80	20	-	230	
751016	-	100	-	-	200	-	-	-	20	260	
751113	-	-	-	-	40	-	-	-	100	-	
751211	-	-	-	20	-	-	40	-	-	-	
184	195	198	199	202	219	221	225	226	233	240	
750703	-	-	-	-	-	-	-	-	-	-	
750730	-	80	60	-	20	-	-	-	-	20	
750826	120	40	-	40	-	-	-	-	-	20	
750917	-	-	-	-	-	80	-	-	-	-	
751016	-	-	100	-	-	40	-	60	-	-	
751113	-	-	-	-	-	40	-	-	-	-	
751211	-	20	-	-	-	40	20	60	40	80	
242	244	249	262	264	265	290	292	295	298	299	
750703	-	-	-	-	40	220	-	10080	140	40	
750730	280	120	20	-	60	120	-	8640	200	-	
750826	-	60	-	20	40	40	-	16800	40	-	
750917	680	500	-	-	-	60	80	1160	40	-	
751016	-	840	-	-	-	-	-	660	-	60	
751113	-	40	-	-	40	-	-	760	-	-	
751211	-	120	-	-	40	-	20	4120	80	-	

750703	A	300	301	302	306	309	310	311	317	318	320	324
750730	A	60	-	-	-	80	480	4920	-	-	-	-
750826	A	60	-	-	100	200	400	-	-	-	180	-
750917	A	20	-	20	-	120	400	-	200	-	560	-
751016	A	-	-	120	80	200	80	160	80	60	80	-
751113	A	-	-	-	-	-	40	-	80	-	-	40
751211	A	40	20	80	20	40	-	-	-	-	-	-
750703	A	341	347	352	358	372	375	377	379	383	385	395
750730	A	5280	-	120	-	-	6080	2160	-	120	-	5920
750826	A	3680	60	20	60	240	280	2240	-	300	-	360
750917	A	380	40	-	40	-	1760	520	20	400	-	1440
751016	A	1120	-	200	80	-	880	660	160	300	80	-
751113	A	380	-	-	60	-	-	1320	-	260	-	180
751211	A	320	-	-	20	40	140	400	-	40	-	-
751211	A	1200	-	20	40	-	40	20	-	-	-	-
750703	A	402	404	405	409	415	419	421	424	425	428	430
750730	A	-	-	660	320	180	200	-	-	-	-	180
750826	A	-	40	380	-	200	40	-	-	240	20	60
750917	A	340	-	280	-	320	-	-	20	-	-	40
751016	A	-	280	340	40	520	420	-	200	-	-	80
751113	A	-	-	20	140	100	40	-	-	40	-	-
751211	A	-	40	-	100	-	-	40	40	40	-	-
751211	A	-	-	-	-	-	20	-	-	-	-	40
750703	A	431	432	434	436	437	438	441	445	447	449	451
750730	A	160	80	-	60	-	520	400	-	-	2080	60
750826	A	120	220	-	340	-	80	20	-	-	1120	80
750917	A	40	80	-	160	-	640	120	40	-	1440	320
751016	A	100	-	-	-	40	240	80	-	220	1280	160
751113	A	-	-	-	80	-	80	40	-	-	700	220
751211	A	-	-	-	-	-	120	20	-	-	260	40
751211	A	-	-	40	20	20	40	-	-	-	160	-

	454	456	458	459	461	464	465	466	487	516	559
750703	-	1560	60	160	-	40	100	620	-	60	-
750730	-	260	-	-	80	-	120	3480	-	40	-
750826	40	720	-	-	80	-	80	400	-	40	-
750917	-	920	-	220	80	-	-	480	40	60	80
751016	-	260	-	60	40	-	-	120	-	-	-
751113	-	60	-	-	-	-	-	60	-	-	-
751211	-	20	-	-	-	-	-	-	-	60	-

	601	607	611	657	682
750703	-	180	60	40	-
750730	-	-	260	-	-
750826	-	-	40	-	-
750917	-	80	80	-	30
751016	20	40	80	-	-
751113	-	240	100	-	-
751211	-	-	-	-	-

	Number Species	Number Indiv.	Dry-Asfree mg/17cm ²	Weight mg/m ²	Chlor.a mg/m ²	Div. SHANNON	bo	ao	bm	am	p	%Spec.	%Indiv.
750703	48	45463	-	-	-	3.7	0.0	1.2	7.1	1.7	0.0	70	92
750730	48	29163	-	-	-	3.6	0.0	1.1	6.6	2.3	0.1	70	79
750826	54	31246	-	-	-	3.1	0.0	1.6	7.5	0.8	0.1	75	89
750917	59	13869	-	-	30	5.0	0.0	1.0	6.2	2.7	0.2	67	77
751016	37	5998	-	-	-	4.2	0.1	1.4	5.9	2.4	0.1	72	82
751113	28	3353	-	-	-	4.0	0.1	1.1	5.6	2.8	0.5	75	91
751211	31	6475	-	-	-	2.1	0.1	1.6	6.6	1.7	0.0	87	98

Lambert coord.: 241625 - 167900 WATER

KARNE

4510 GEER

TEMP C	PH	EH mv	K MCS/cm	Susp.M mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	TIC mgC/l
-	7.1	-	729	10	-	1.8	2.4	1.1	-	10.7	17	-	-
17.0	7.4	364	560	10	77	7.5	6.4	4.7	-	5.0	16	6.5	-
6.5	7.5	364	356	60	90	11.2	10.8	-	6.8	4.0	11	4.7	-
11.0	7.6	284	487	35	73	8.1	5.6	-	0.0	6.0	24	2.6	-
11.0	7.3	394	821	1235	62	6.9	3.0	0.0	-	18.8	48	9.0	-
17.0	7.9	329	769	140	71	6.9	5.7	-	0.0	16.0	28	2.8	-
17.0	7.5	514	691	45	85	8.2	6.0	4.9	-	5.5	26	13.0	-
16.0	7.1	354	675	30	89	8.9	7.1	5.6	-	5.7	10	5.5	-
13.6	7.5	371	631	195	78	8.2	5.9	3.3	2.3	9.0	22	6.3	-
4.2	0.2	71	162	422	10	1.4	2.6	2.2	3.0	5.6	12	3.7	-

N amm. mg/l	NO2- mg/l	NO3- mg/l	N org. mg/l	N tot. mg/l	PO4 mg/l	P tot. mg/l	SO4= mg/l	Cl- mg/l	P- mg/l	Tot.H. F	Carb.H. F	N.C.H. F	ph.in. mg/l	dit. mg/l	Cyan. mg/l
3.30	0.05	0.03	0.70	4.00	1.33	1.62	68	44	-	38.0	32.5	5.5	0	0.03	0.0
9.40	0.00	4.20	0.00	9.40	12.30	-	68	106	0.16	33.4	27.8	5.6	0	0.18	0.0
0.30	0.04	10.50	-	-	0.30	-	38	22	0.36	14.6	10.7	3.8	19	0.00	0.0
1.65	4.60	15.60	0.30	1.95	0.54	0.87	40	30	0.83	22.0	16.7	5.2	0	0.18	11.0
4.00	0.80	13.40	4.30	8.30	1.70	1.70	48	56	0.20	34.0	29.0	5.0	0	0.55	0.0
2.40	1.00	16.10	1.60	4.00	0.60	1.20	54	60	0.60	35.6	31.3	4.3	0	0.04	4.9
1.50	3.50	20.40	0.10	1.60	1.50	1.50	42	40	0.17	38.8	31.7	7.0	7	0.14	4.0
0.78	0.61	8.90	0.09	0.87	0.63	0.63	40	44	0.17	36.6	30.5	6.1	0	0.06	0.0
2.92	1.32	11.14	1.01	4.30	2.36	1.25	49	50	0.36	31.6	26.3	5.3	3	0.15	2.5
2.69	1.75	6.68	1.55	3.34	4.05	0.43	12	25	0.26	8.7	8.0	1.0	7	0.18	4.0

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Fec.coli. col./dl	Fec.strep col./dl
2	0	22	7	2300	0.00	95	48	13	130	856000	760000	18000	2200
1	0	2	2	75	0.00	36	17	17	225	-	-	0	-
0	0	0	4	1000	0.00	112	0	3	144	89000	50000	0	2000
0	9	4	35	1040	0.26	70	12	6	70	435000	120000	8000	1000
0	0	28	12	560	0.03	120	22	2	75	870000	560000	82000	20000
0	0	8	8	140	0.03	71	31	5	20	18000	80000	1000	130
0	0	1	0	560	0.00	50	10	3	188	220000	100000	2000	400
0	0	3	5	360	0.00	56	8	6	34	310000	300000	14000	3700
0	1	8	9	754	0.04	76	18	7	110	399714	281428	17857	4204
0	3	10	11	717	0.09	30	15	5	73	344771	276913	29099	7070

740625 Pesticides not measured
 740718 Pesticides not detectable
 750403 Lindane: 45 ng/l;

5190 WARMBEEK		Lambert coord.: 2279/5 - 221375										WATER													
Temp C	PH	EH mV	K mcS/cm	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	CJD mg/l	TOC mgC/l	TIC mgC/l	N		P		Tot.H. Carb.		N.C.H.		phln. mcg/l	dlt. mg/l	cyan. mcg/l	
														NO2- mg/l	NO3- mg/l	NO3- mg/l	NO2- mg/l	P tot. mgP/l	S04= mg/l	Cl- mg/l	F- mg/l				P
740718	7.5	369	1372	15	86	8.6	6.7	4.6	-	7.0	24	4.0	-												
741001	7.0	-	731	-	89	10.4	8.3	7.6	-	4.5	24	6.0	-												
741210	6.8	-	738	20	72	8.6	7.4	6.1	-	4.5	25	-	-												
750128	6.9	344	315	20	84	10.5	9.0	7.6	-	5.0	36	8.0	-												
750602	8.1	379	443	35	-	11.6	10.1	9.1	-	-	19	4.4	-												
MEAN	7.3	364	719	22	83	9.9	8.3	7.0	-	5.2	25	5.6	-												
DEVIA.	0.4	13	272	6	5	1.1	1.0	1.3	-	0.9	4	1.4	-												
N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgN/l	PO4 j- mgP/l	P tot. mgP/l	S04= mg/l	Cl- mg/l	F- mg/l	Tot.H. Carb. P	N.C.H. P	phln. mcg/l	dlt. mg/l	cyan. mcg/l											
740718	0.00	0.00	0.00	7.05	0.40	-	83	82	0.73	18.0	11.5	6.5	0	0.25	0.0										
741001	0.18	12.42	3.12	3.30	0.09	0.23	98	46	-	12.4	5.7	6.6	0	0.04	6.0										
741210	0.09	9.70	2.22	2.60	0.08	0.70	70	36	0.20	11.6	4.0	7.6	0	0.03	0.0										
750128	0.44	10.40	1.56	2.00	0.09	0.27	52	36	0.17	11.2	4.2	6.9	29	0.03	0.0										
750602	0.02	12.00	1.68	1.70	0.02	-	56	60	0.36	15.0	9.7	5.2	0	0.04	0.0										
MEAN	0.10	8.90	1.72	3.33	0.14	0.40	71	52	0.36	13.6	7.0	6.6	5	0.08	1.2										
DEVIA.	0.05	3.56	0.76	1.49	0.11	0.20	14	15	0.18	2.3	2.9	0.6	9	0.07	1.9										
Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	Tot.coli. col./dl	Pec.coli. col./dl	Pec.strep col./dl												
740718	0	2	4	1280	0.05	80	26	15	250	-	-	-	-												
741001	0	0	5	960	0.03	250	0	6	120	15100	170000	6000	18200												
741210	1	17	12	1600	0.00	248	21	5	480	4700	3000	2000	400												
750128	1	0	15	1900	0.00	200	17	2	238	30000	25000	3000	1900												
750602	0	5	0	490	0.03	90	10	1	44	33000	20000	1000	400												
MEAN	0	4	7	1246	0.02	173	14	5	226	20700	54500	3000	5225												
DEVIA.	0	5	4	416	0.02	70	7	3	115	10800	57750	1500	6487												
740718 Pesticides not detectable																									
741001 dieldrin : 20 ng/l;																									
741210 Pesticides not detectable																									
750128 Pesticides not detectable																									
750602 Pesticides not detectable																									

4430 DONNEL NEERPBIT Lambert coord.: 223950 - 218050 WATER

TEMP C	PH	EH MV	K MCS/CM	Susp.H mg/l	O2 %	O2 mg/l	(24h) mg/l	(48h) mg/l	(120h) mg/l	BOD5 mg/l	COD mg/l	TOC mgC/l	FIC mgC/l
740619	7.4	-	1159	40	85	8.3	5.1	0.7	-	4.2	21	11.5	-
741210	6.8	-	738	20	72	8.6	7.4	6.1	-	4.5	25	-	-
750128	6.9	354	300	15	79	9.7	8.7	7.2	-	4.5	29	6.0	-
750602	7.0	394	369	10	-	7.3	4.2	-	-	-	22	4.6	-
MEAN	7.0	374	641	21	79	8.5	6.3	4.7	-	4.4	24	7.4	-
DEVIA.	0.2	20	307	9	4	0.7	1.7	2.6	-	0.1	2	2.8	-

N amm. mgN/l	NO2- mg/l	NO3- mg/l	N org. mgN/l	N tot. mgP/l	PO4 3- mgP/l	P tot. mgP/l	SO4= mg/l	Cl- mg/l	F- mg/l	tot.H. Carb.H F	N.C.H. F	phln. mgC/l	dit. mg/l	cyan. mgC/l
740619	0.57	0.30	3.90	1.63	2.20	0.56	58	46	-	12.4	6.3	6.1	0	0.04
741210	0.78	0.09	15.90	1.80	2.50	0.13	70	36	0.20	11.6	4.0	7.6	0	0.08
750128	0.56	0.10	13.90	2.14	2.70	0.05	54	34	0.18	10.6	3.8	6.8	29	0.06
750602	2.40	0.17	22.30	0.10	2.50	22.30	74	34	0.16	8.0	4.0	4.0	0	0.08
MEAN	1.08	0.17	14.00	1.42	2.47	5.76	64	37	0.18	10.6	4.5	6.1	7	0.07
DEVIA.	0.66	0.07	5.10	0.66	0.14	8.27	8	4	0.01	1.3	0.9	1.1	11	0.02

Cd mcg/l	Co mcg/l	Cr mcg/l	Cu mcg/l	Fe mcg/l	Hg mcg/l	Mn mcg/l	Ni mcg/l	Pb mcg/l	Zn mcg/l	Tot.count col./ml	rot.coli. col./dl	Fec.coli. col./dl	Fec.Strep col./dl
740619	5	1	29	8	380	0.21	16	10	1230	85000	10000	0	1200
741210	20	35	3	29	1820	0.04	25	55	1800	8500	20000	6500	5100
750128	19	0	2	26	2500	0.12	14	4	1200	47900	100000	4000	2700
750602	8	16	1	16	1330	0.14	34	3	1900	21500	7000	2000	400
MEAN	13	13	9	19	1507	0.13	22	18	1532	40725	34250	3125	2350
DEVIA.	6	12	9	7	652	0.05	7	18	317	25725	32875	2125	1550

740619 Pesticides not detectable
 741210 PCB : 200 ng/l;
 750128 Pesticides not detectable
 750602 lindane : 20 ng/l;



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

MEUSE ET AFFLUENTS

MAAS EN BIJRIVIEREN






1971-75

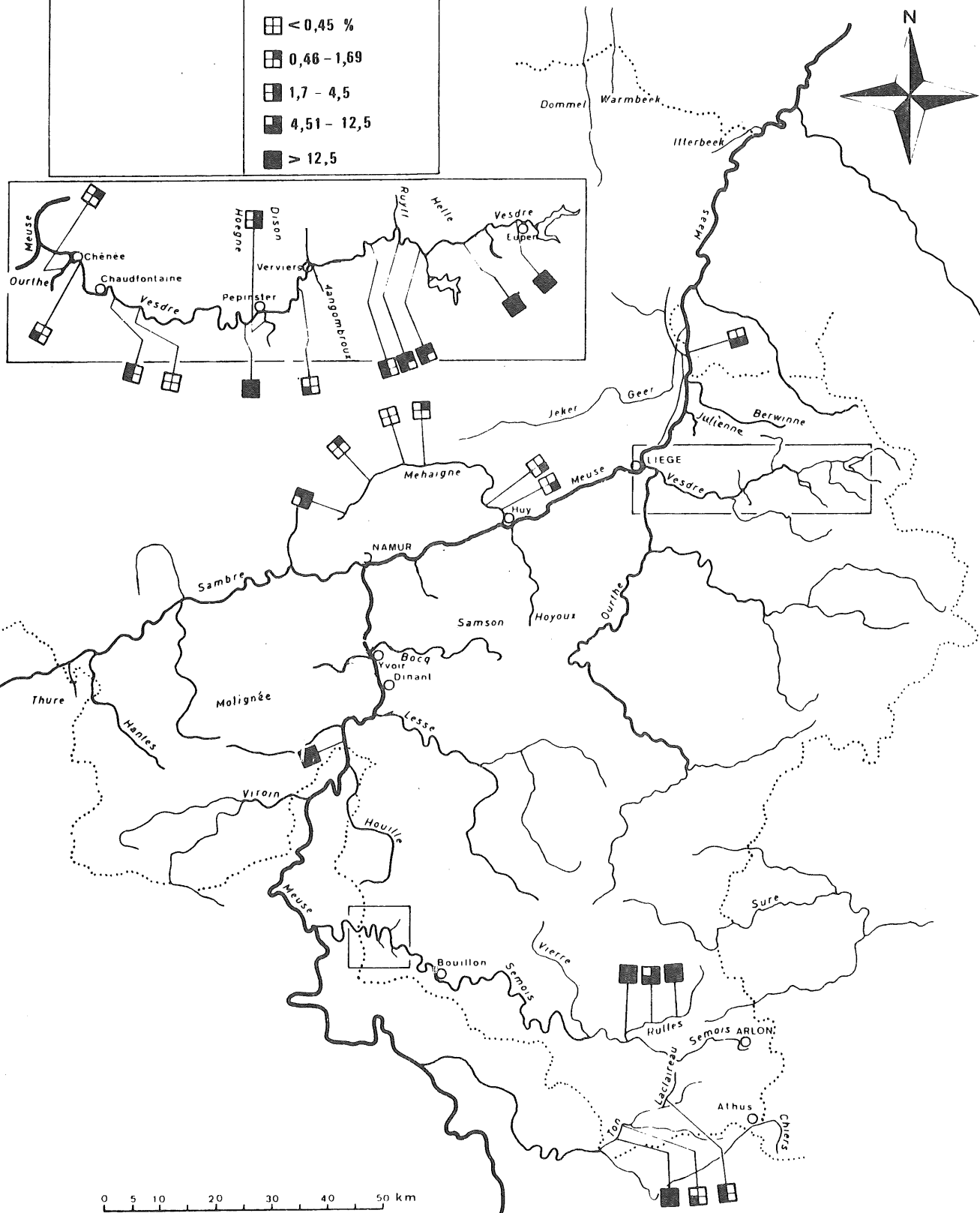
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1 mm

Sédiments-Sedimenten

-  < 0,45 %
-  0,46 - 1,69
-  1,7 - 4,5
-  4,51 - 12,5
-  > 12,5



0 5 10 20 30 40 50 km

Group inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

MEUSE ET AFFLUENTS

MAAS EN BIJRIVIEREN






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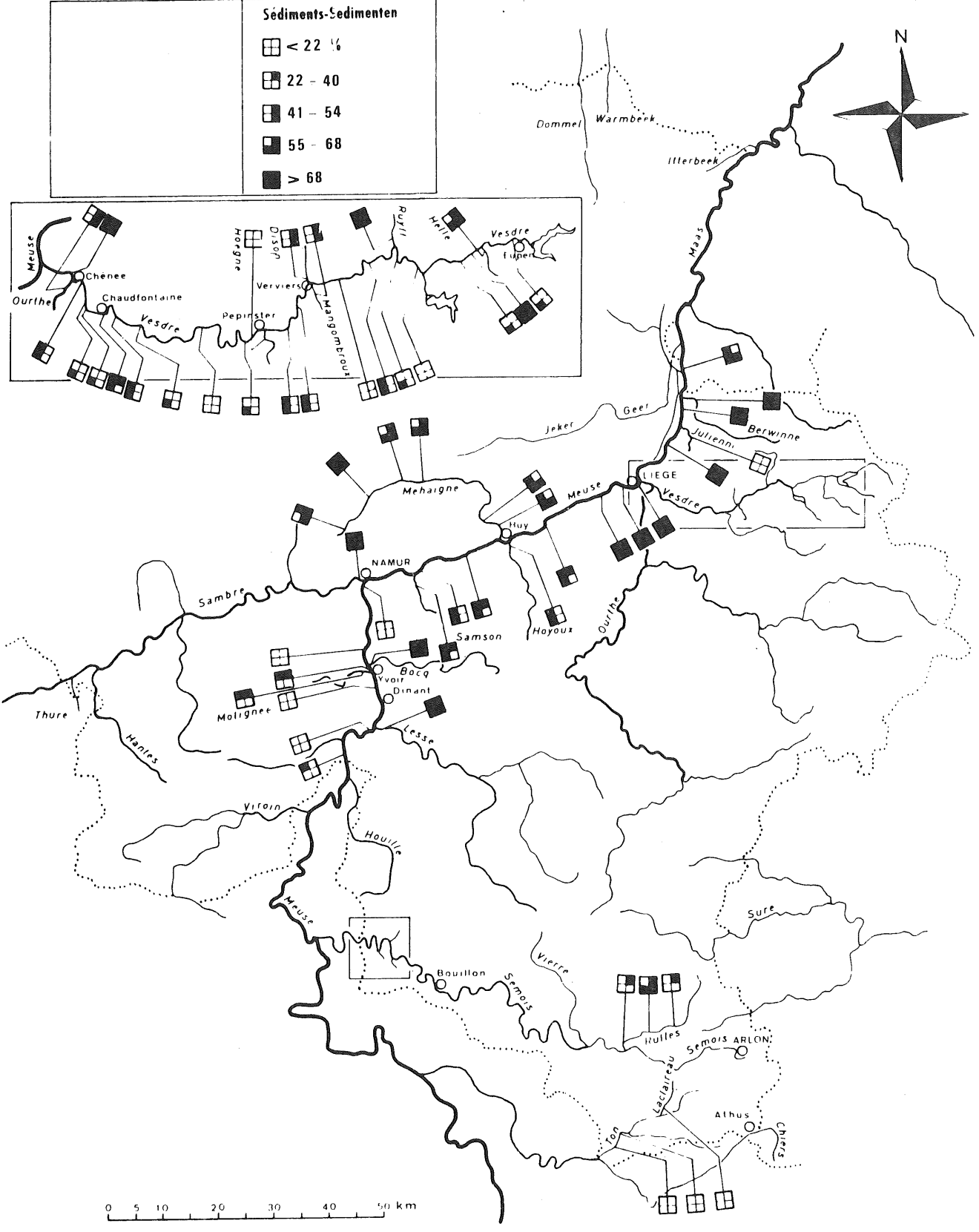
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- 37 mu

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Sédiments-Sedimenten

-  < 22 ‰
-  22 - 40
-  41 - 54
-  55 - 68
-  > 68



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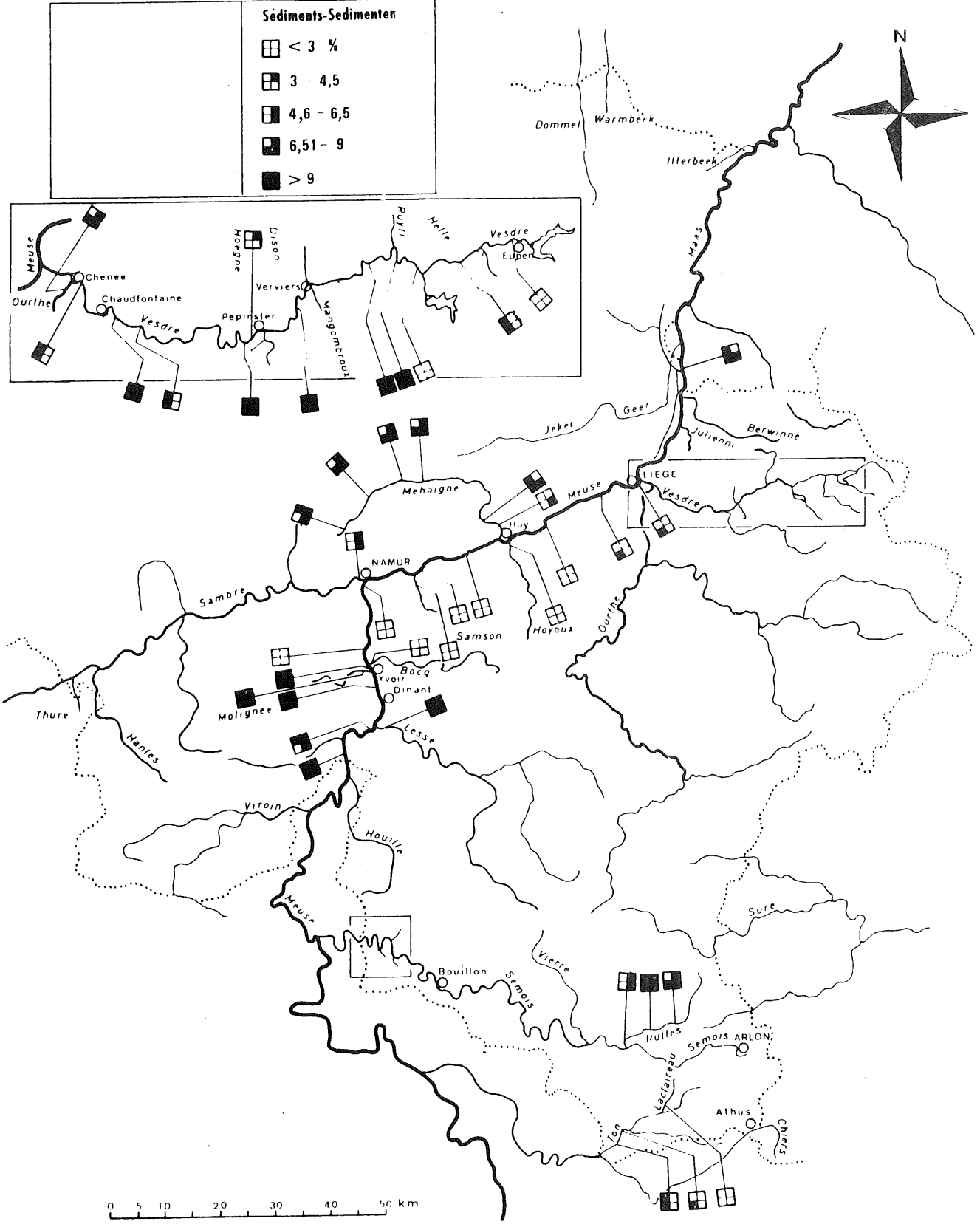
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- 2 mu

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Sédiments-Sedimenten

-  < 3 %
-  3 - 4,5
-  4,6 - 6,5
-  6,51 - 9
-  > 9



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

MEUSE ET AFFLUENTS

MAAS EN BIJRIVIEREN






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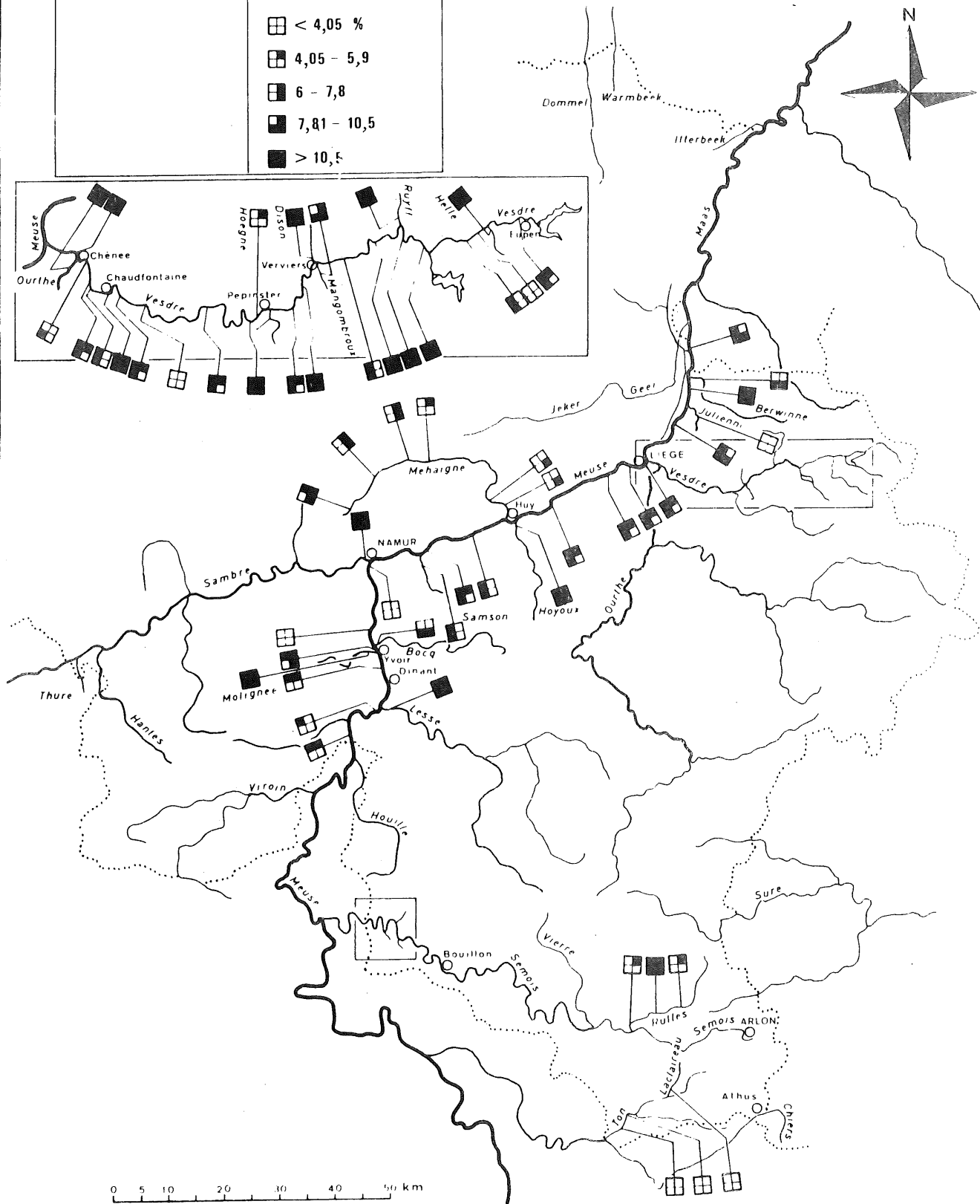
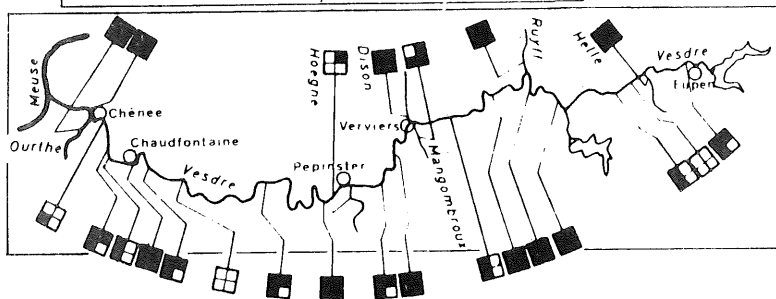
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LIV 550

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Sédiments-Sedimenten

-  < 4,05 %
-  4,05 - 5,9
-  6 - 7,8
-  7,81 - 10,5
-  > 10,5



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

MEUSE ET AFFLUENTS

MAAS EN BIJRIEVEN






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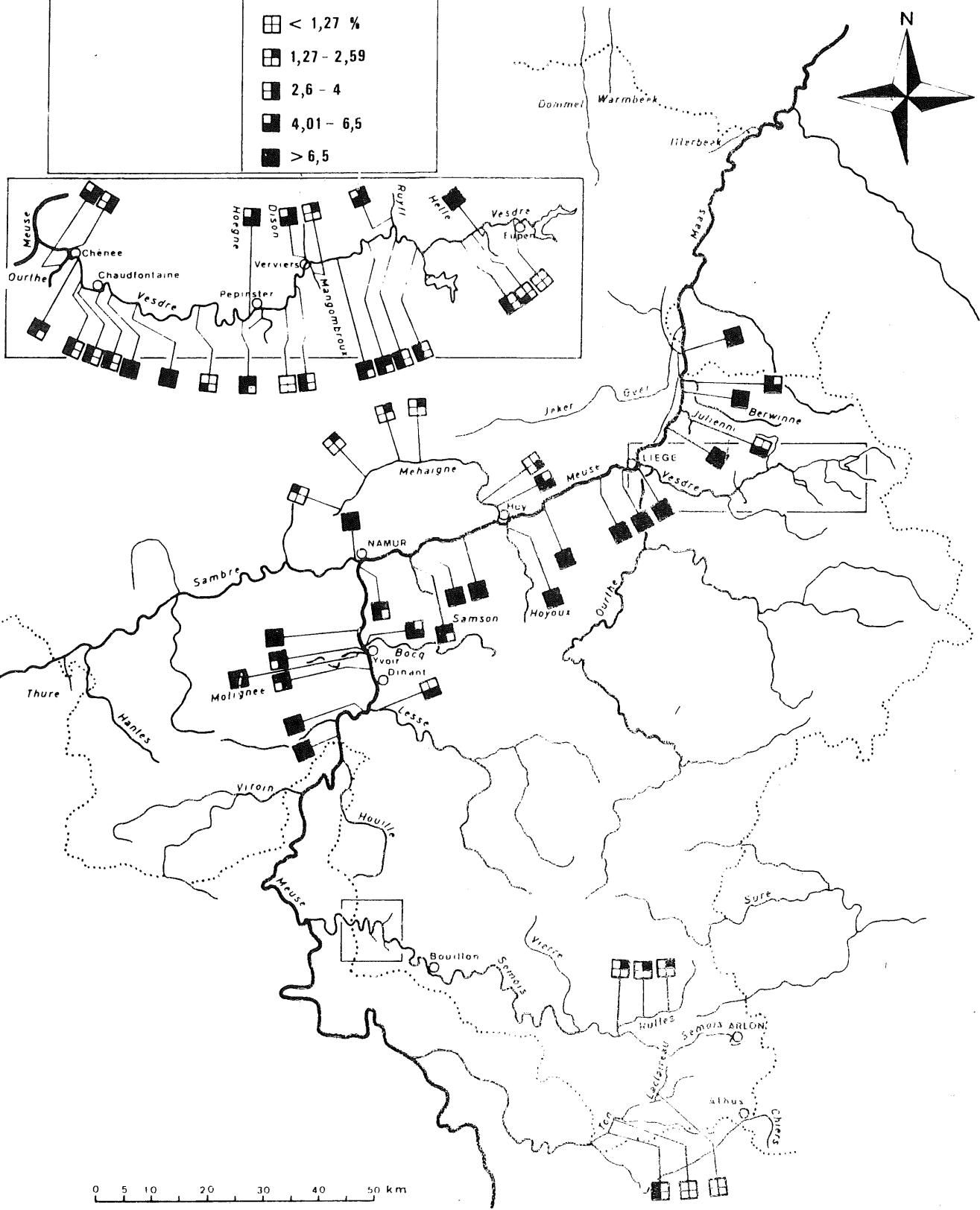
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LW 1000

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Sédiments-Sedimenten

-  < 1,27 %
-  1,27 - 2,59
-  2,6 - 4
-  4,01 - 6,5
-  > 6,5



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MEUSE ET AFFLUENTS

MAAS EN BIJRIVIEREN

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




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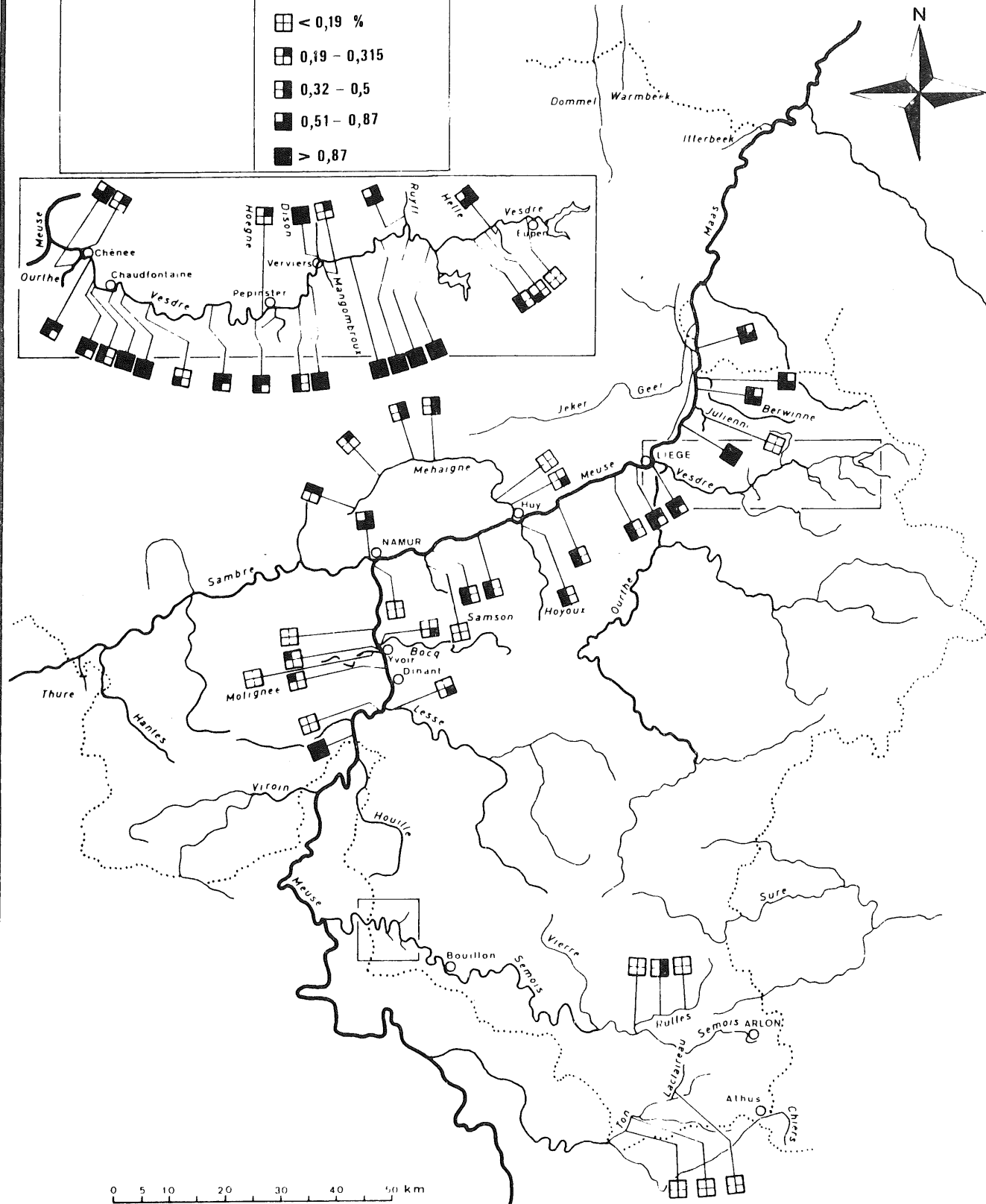
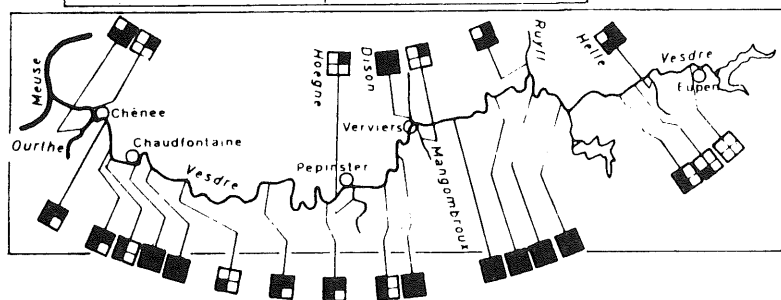
Tot. S

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Sédiments-Sedimenten

-  < 0,19 %
-  0,19 - 0,315
-  0,32 - 0,5
-  0,51 - 0,87
-  > 0,87



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MEUSE ET AFFLUENTS

MAAS EN BIJRIJVEREN

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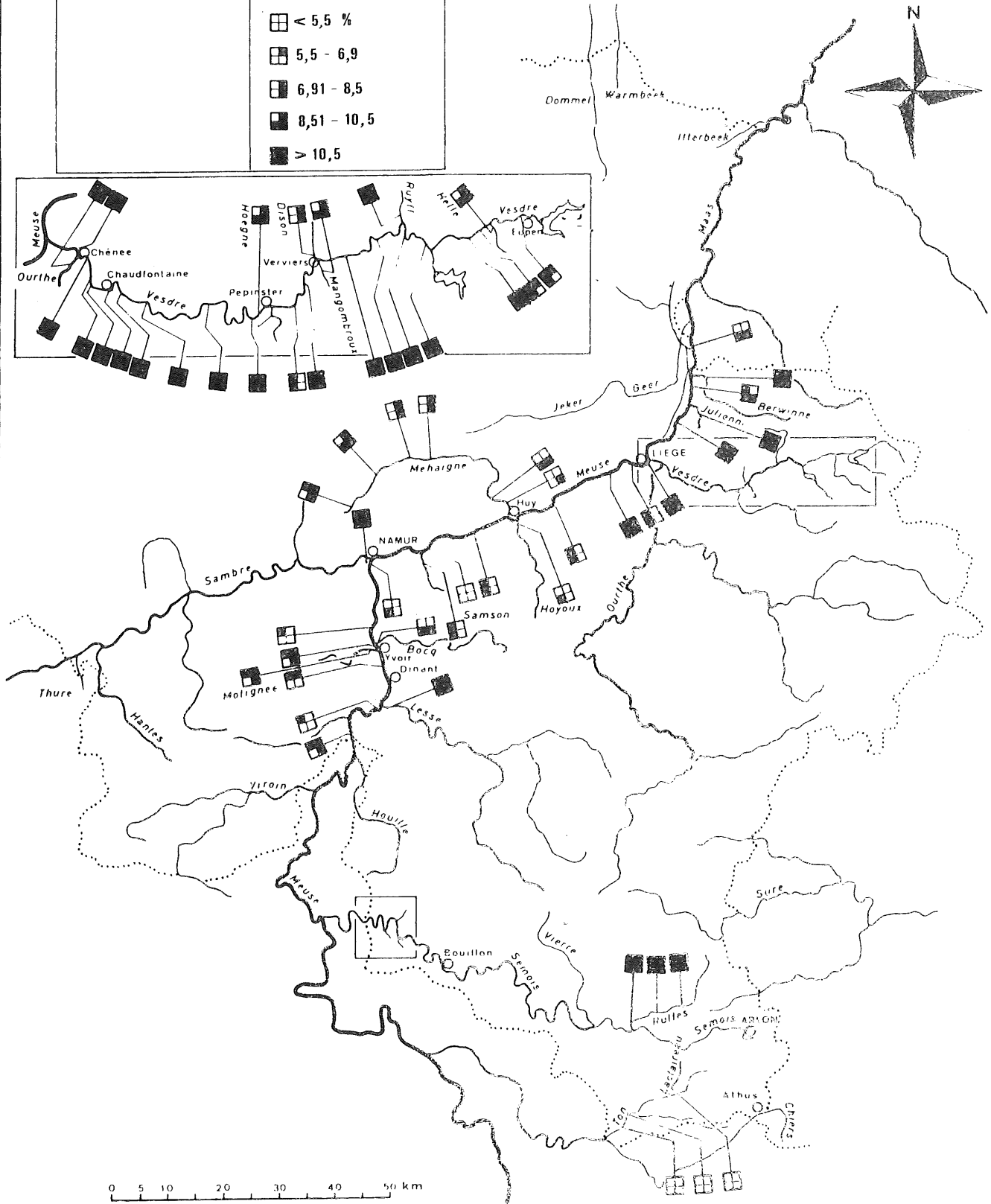
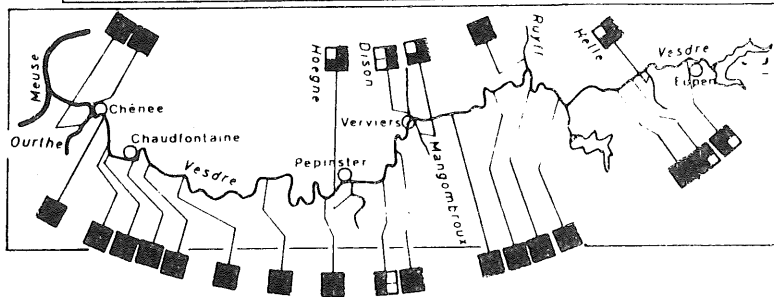
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Sédiments-Sedimenten

-  < 5,5 %
-  5,5 - 6,9
-  6,91 - 8,5
-  8,51 - 10,5
-  > 10,5



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MEUSE ET AFFLUENTS

MAAS EN BIJRVIEREN

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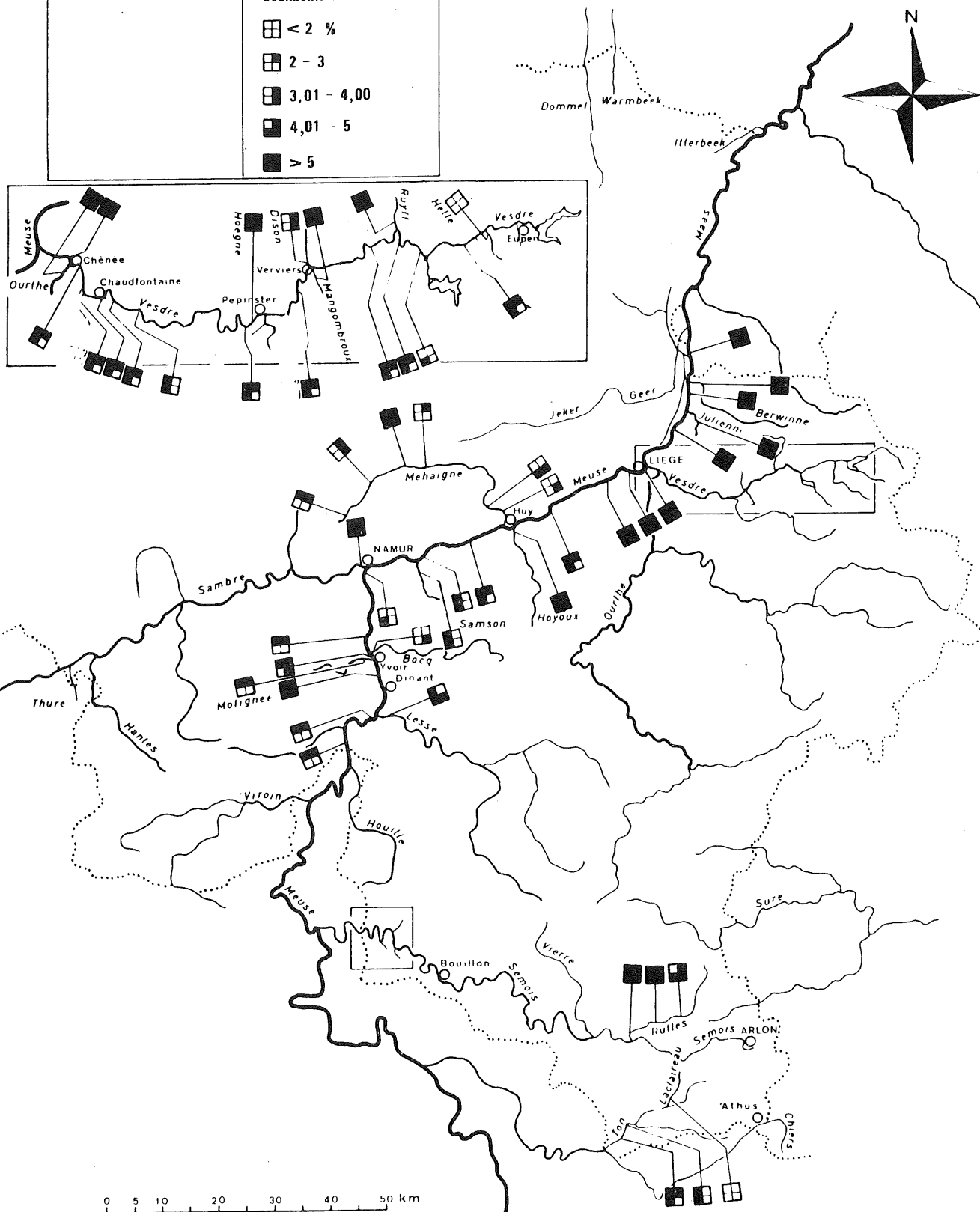
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Fe₂O₃

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Sédiments-Sedimenten

- ☐ < 2 %
- ▤ 2 - 3
- ▥ 3,01 - 4,00
- ▦ 4,01 - 5
- > 5



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MEUSE ET AFFLUENTS

MAAS EN BIJRIVIEREN

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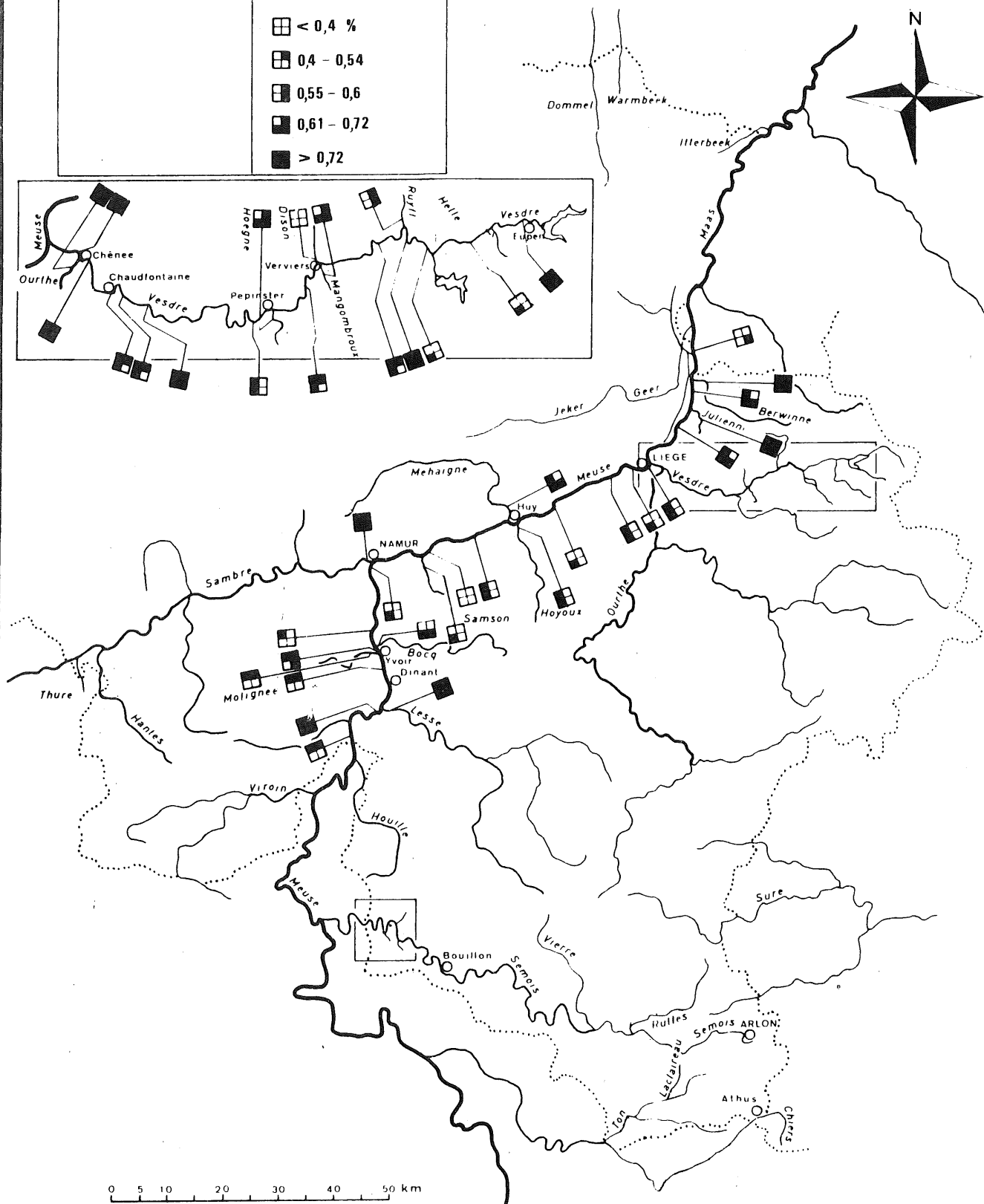
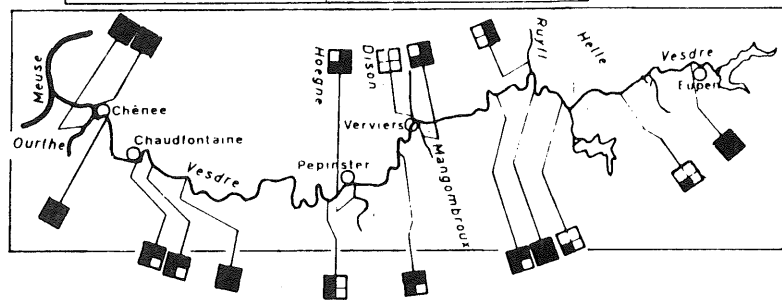
Ti O₂

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Sédiments-Sedimenten

-  < 0,4 %
-  0,4 - 0,54
-  0,55 - 0,6
-  0,61 - 0,72
-  > 0,72



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

MEUSE ET AFFLUENTS

MAAS EN BIJRIVIEREN

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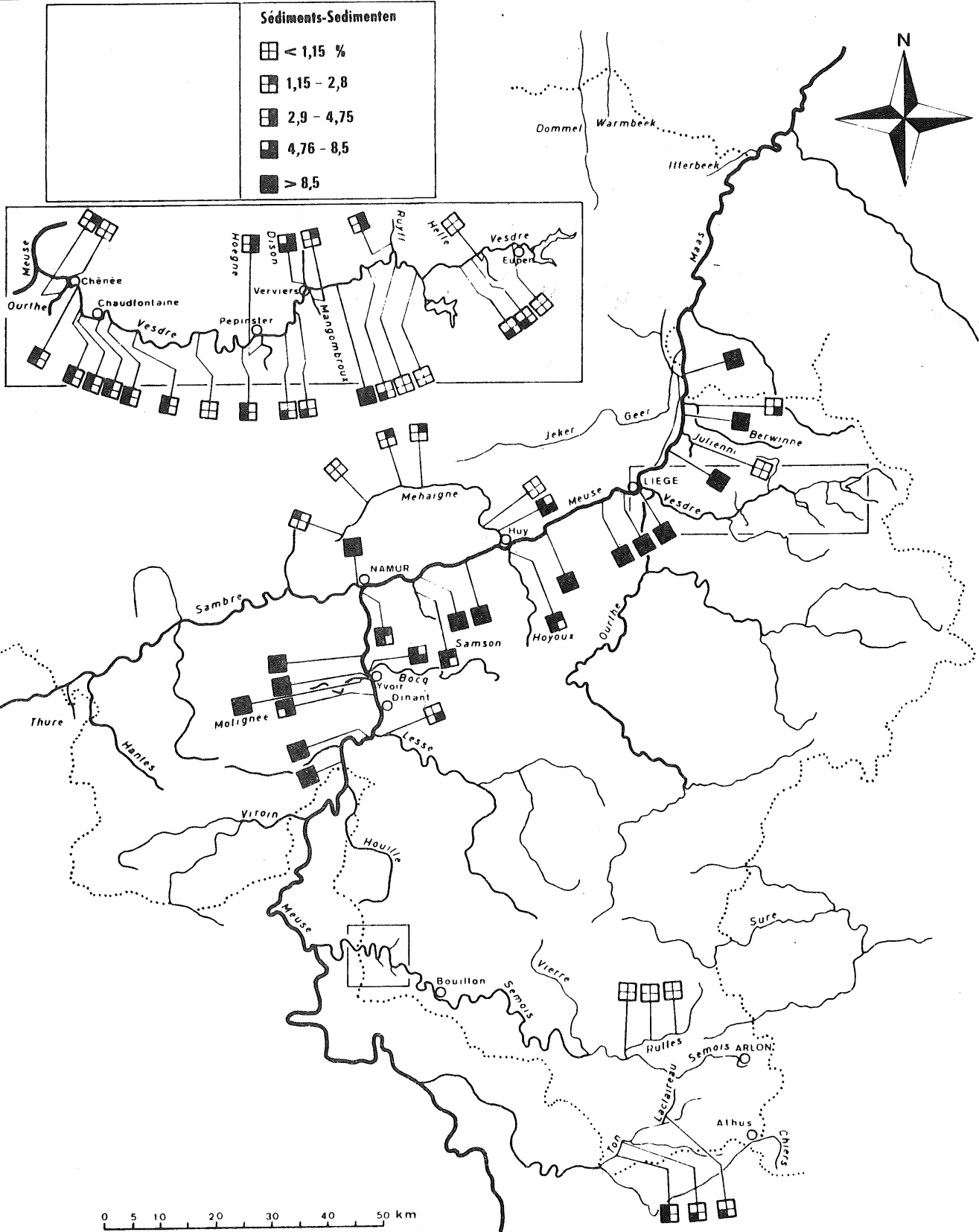
Ca O

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Sédiments-Sedimenten

-  < 1,15 %
-  1,15 - 2,8
-  2,9 - 4,75
-  4,76 - 8,5
-  > 8,5



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

MEUSE ET AFFLUENTS

MAAS EN BIJRIVIÈREN

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




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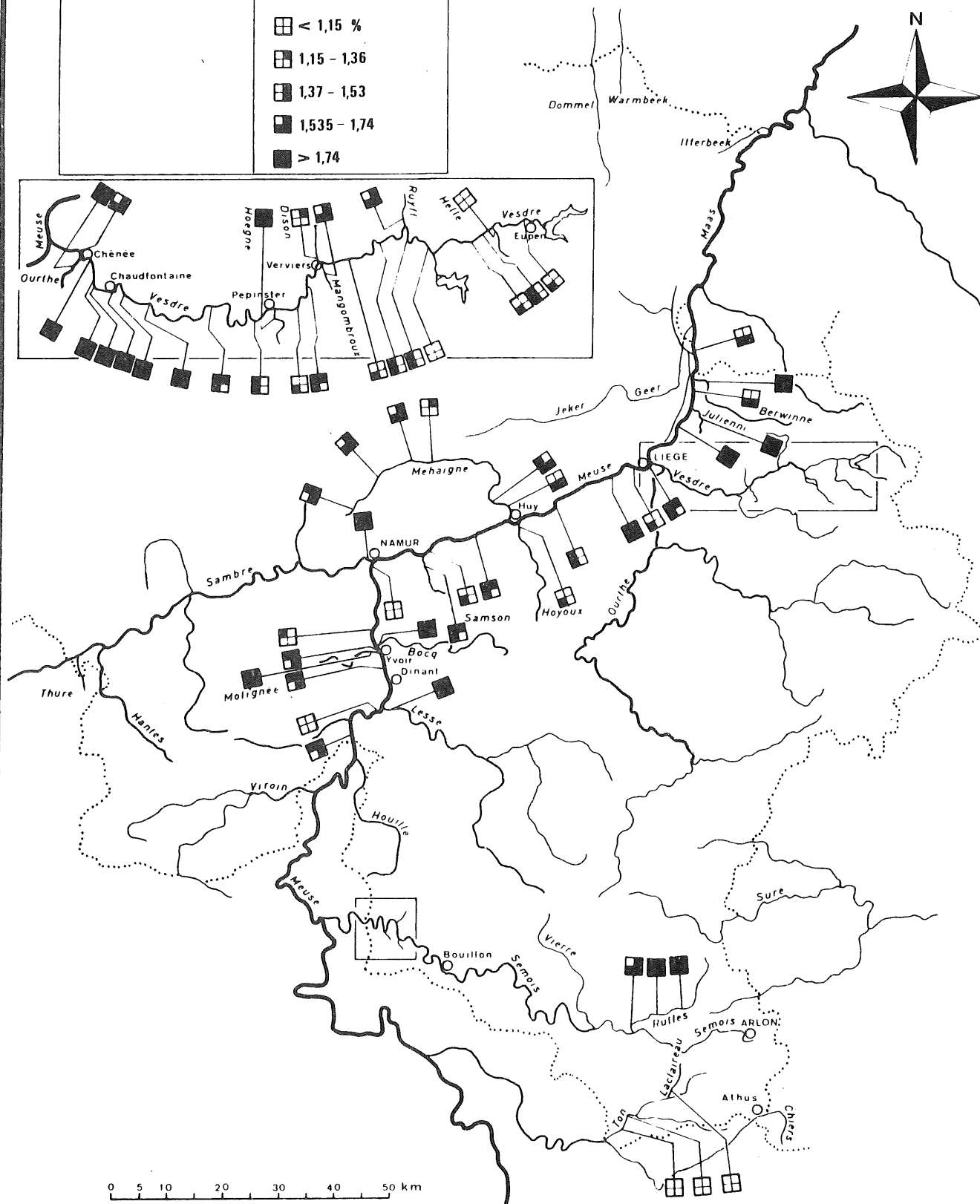
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K₂O

Sédiments-Sedimenten

-  < 1,15 %
-  1,15 - 1,36
-  1,37 - 1,53
-  1,535 - 1,74
-  > 1,74



0 5 10 20 30 40 50 km

Gruppe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

MEUSE ET AFFLUENTS

MAAS EN BIJRIVIEREN

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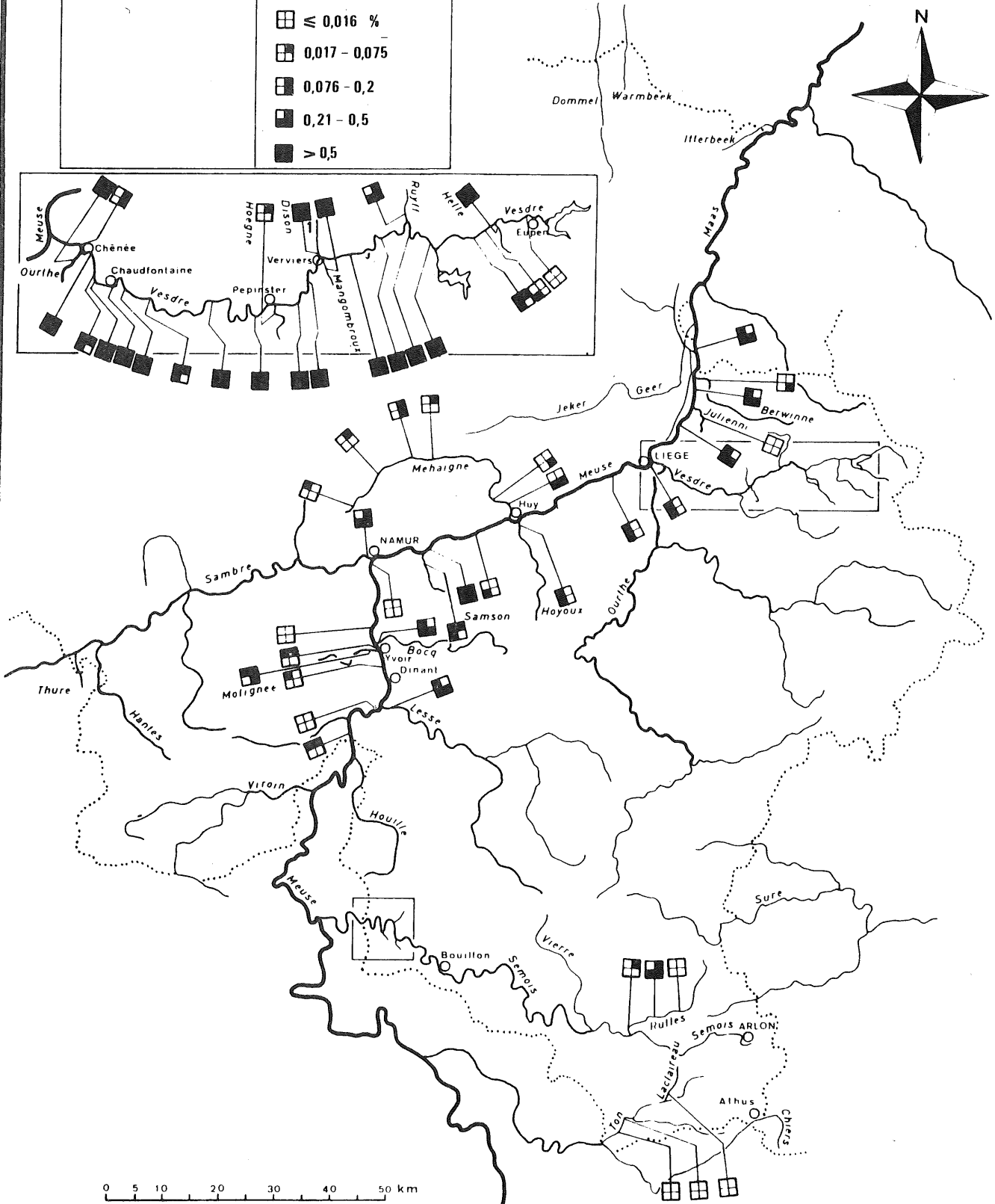
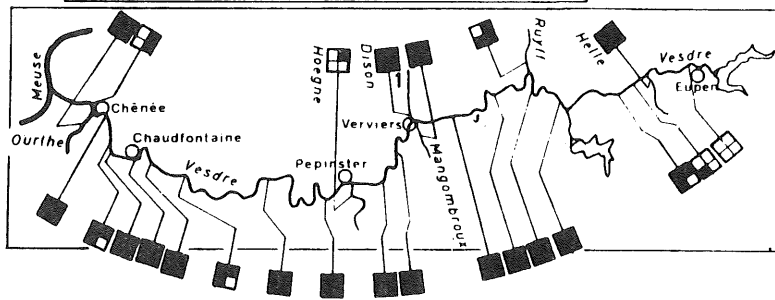
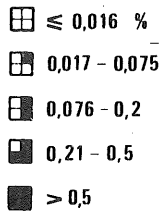
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GRUDE

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Sédiments-Sedimenten



MEUSE ET AFFLUENTS

MAAS EN BIJRVIEREN

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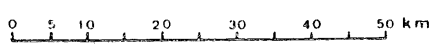
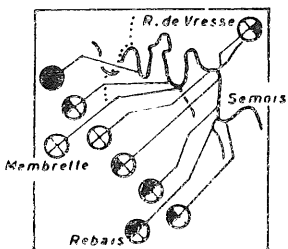
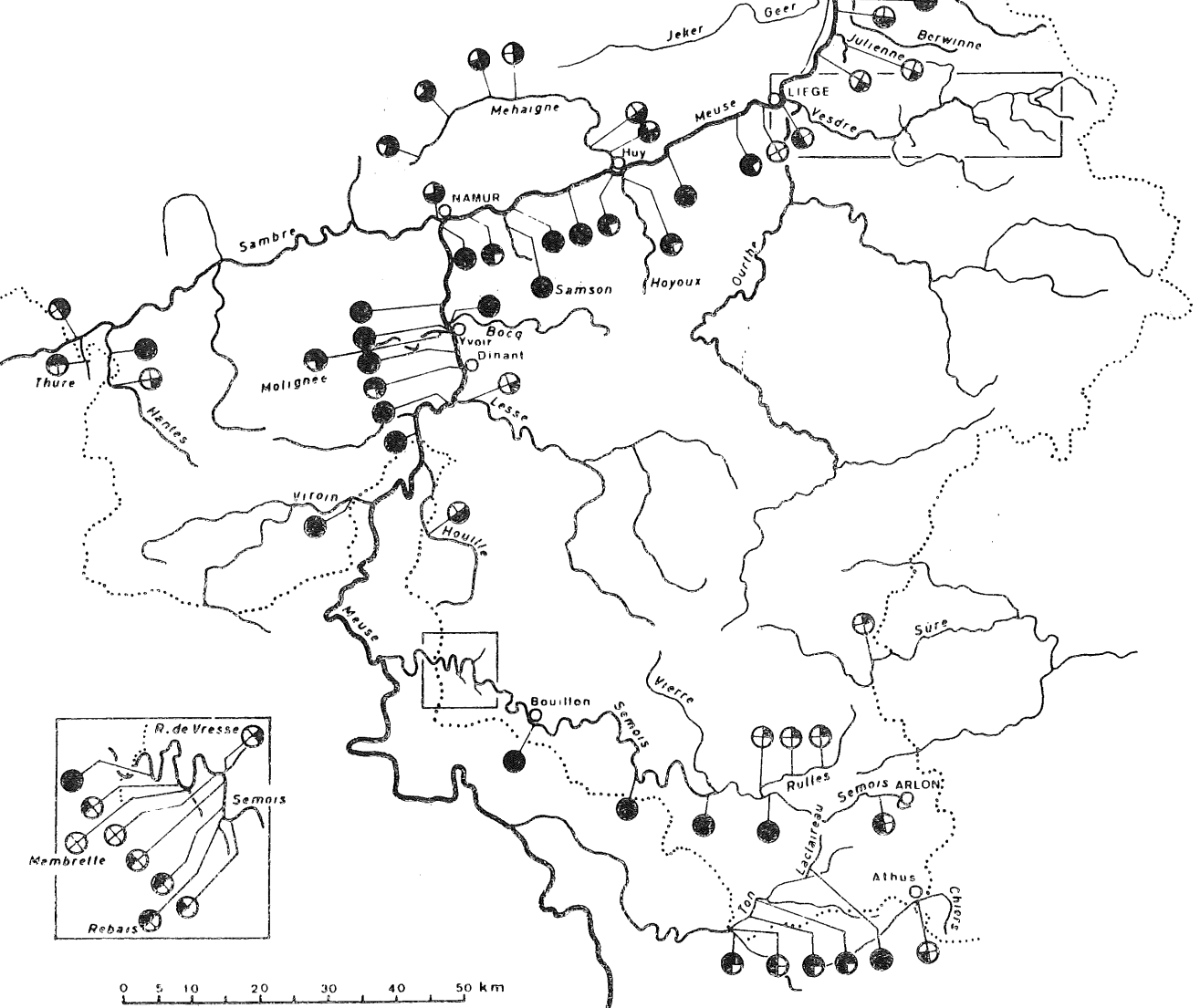
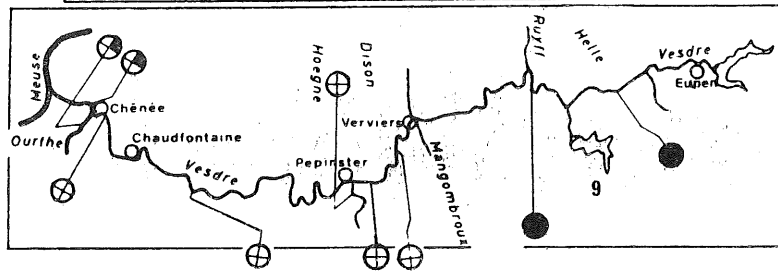
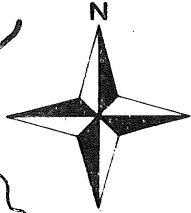
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PH

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Eco-Water

- ⊕ < 7,1 - > 6,8
- ⊕ 7,1 - 7,3
- ⊕ 7,31 - 7,5
- ⊕ 7,51 - 7,8
- < 6,8 - > 7,8



Grupo inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

MEUSE ET AFFLUENTS

MAAS EN BIJRIVIEREN

1971-75

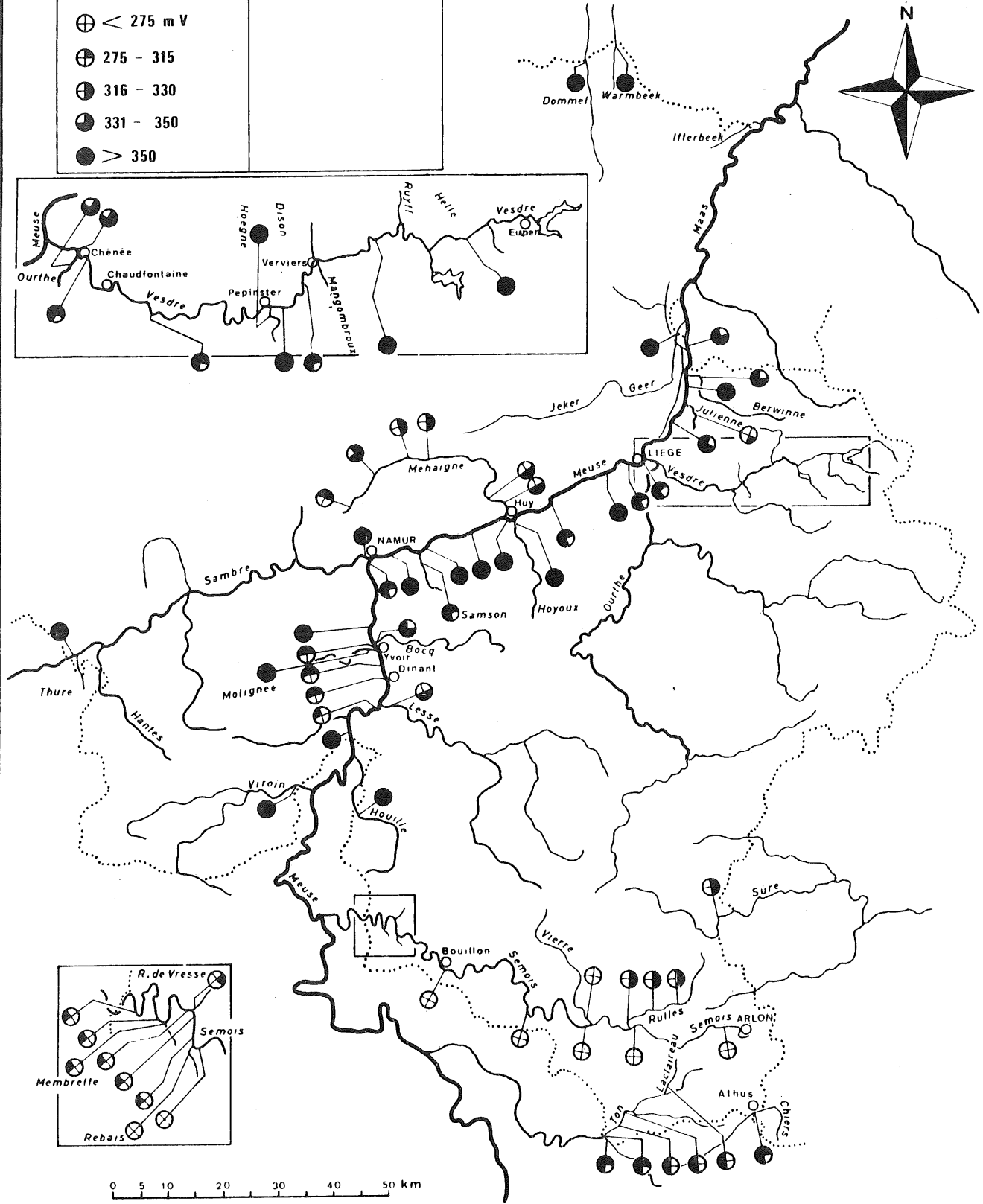
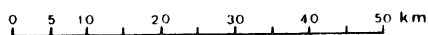
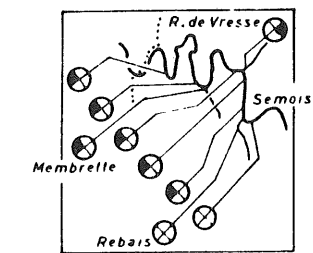
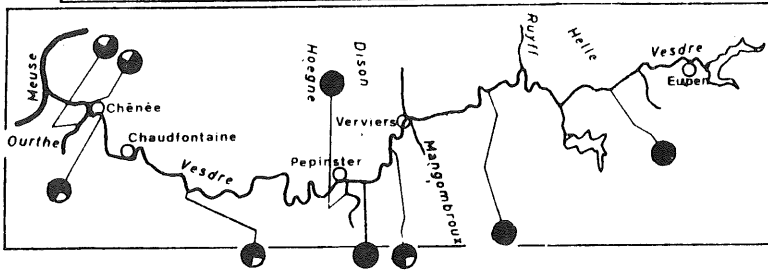
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EH

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Eau-Water

- ⊕ < 275 m V
- ⊕ 275 - 315
- ⊕ 316 - 330
- ⊕ 331 - 350
- > 350



Grupo inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

MEUSE ET AFFLUENTS

MAAS EN BIJRVIEREN

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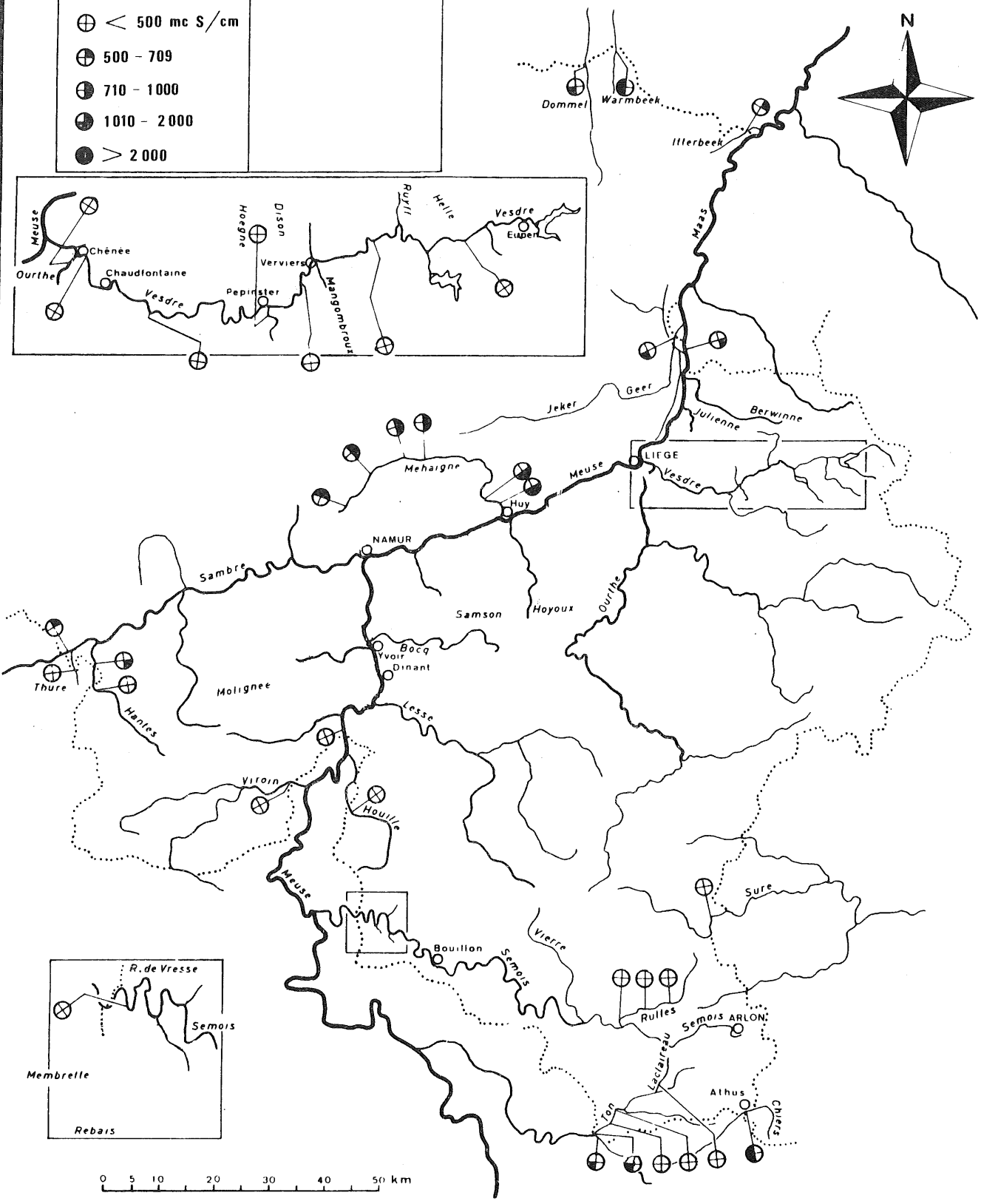
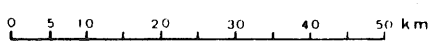
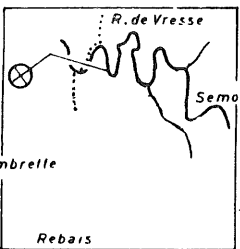
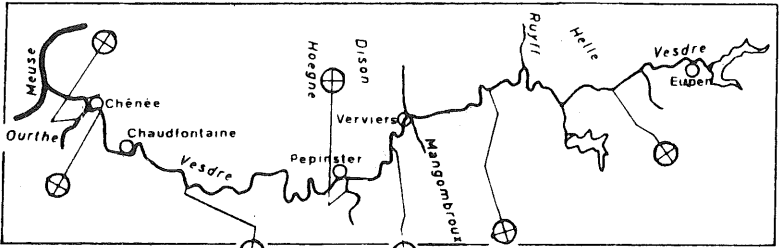
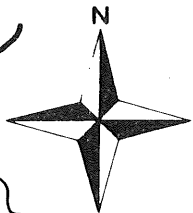
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K

Eau-Water

- ⊕ < 500 mc S/cm
- ⊕ 500 - 709
- ⊕ 710 - 1000
- ⊕ 1010 - 2000
- > 2000



MEUSE ET AFFLUENTS

MAAS EN BIJRIVIEREN

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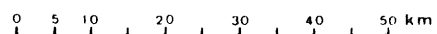
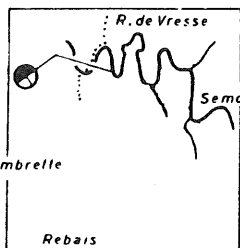
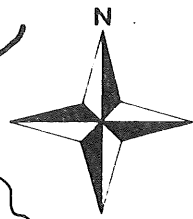
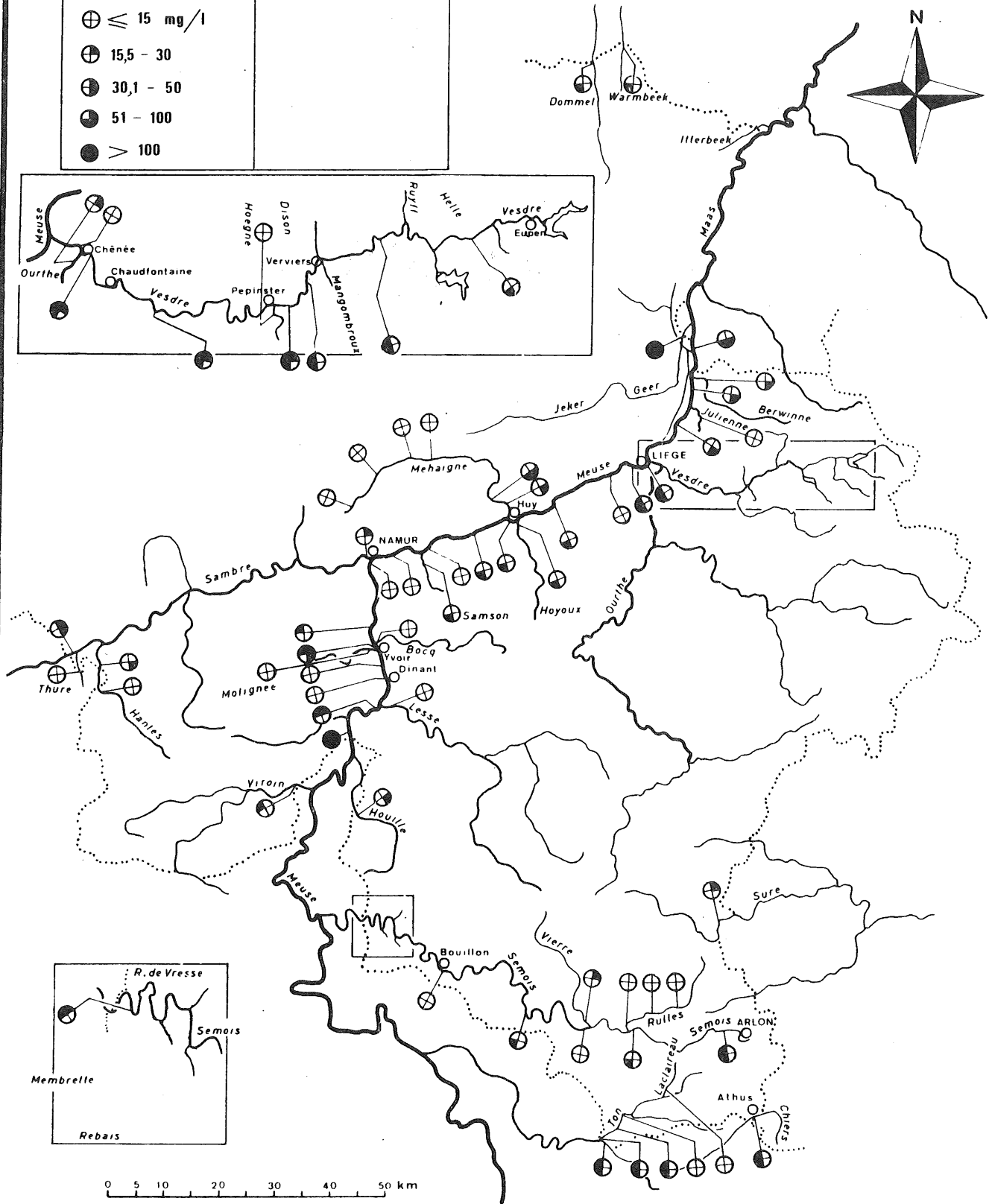
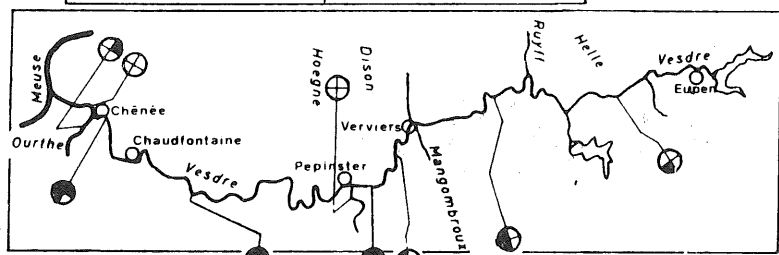
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Eau-Water

- ⊕ ≤ 15 mg/l
- ⊕ 15,5 - 30
- ⊕ 30,1 - 50
- 51 - 100
- > 100



Grupo inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

MEUSE ET AFFLUENTS

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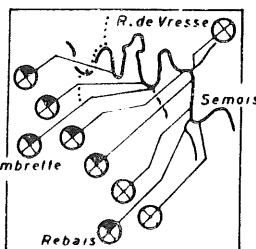
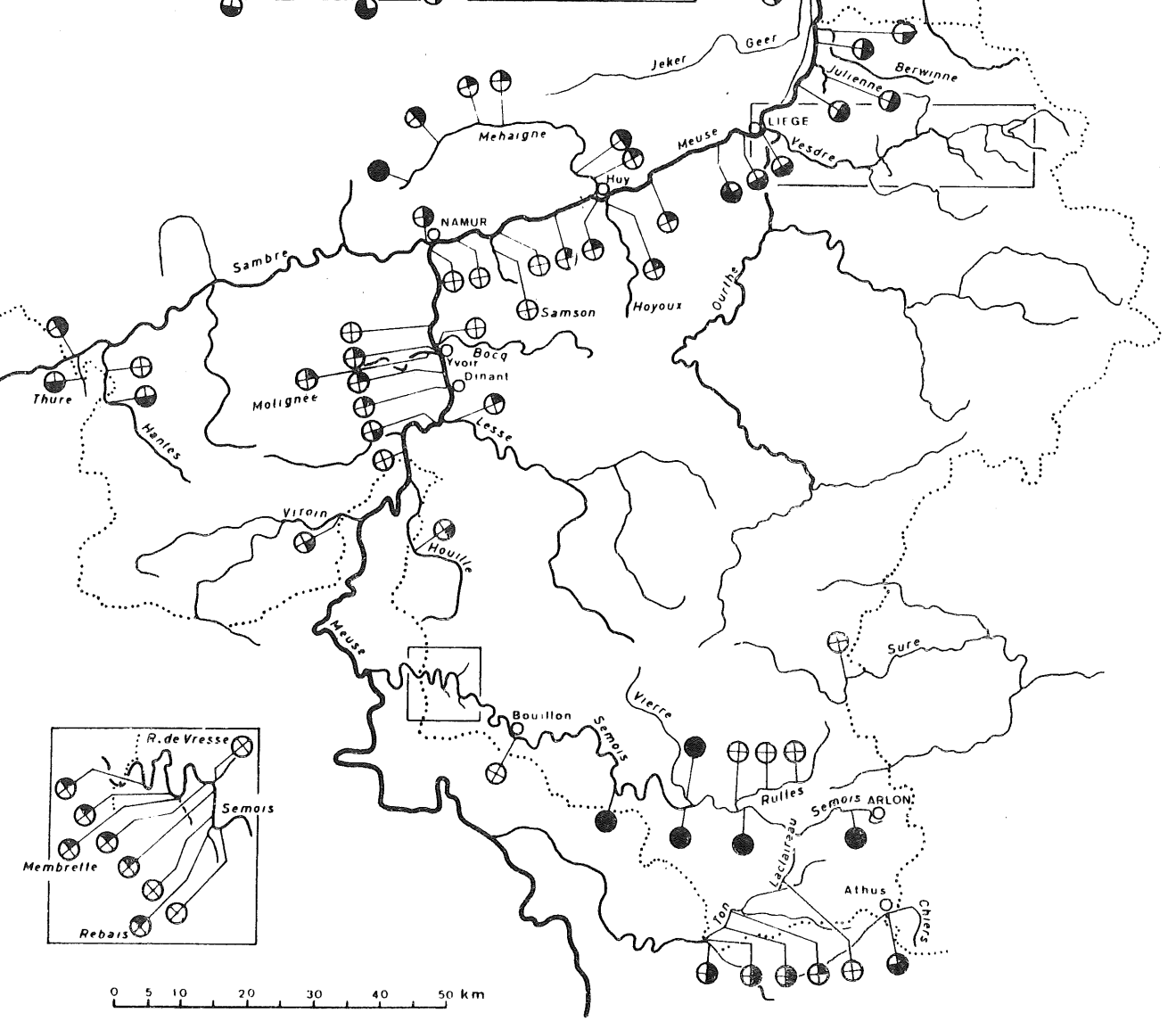
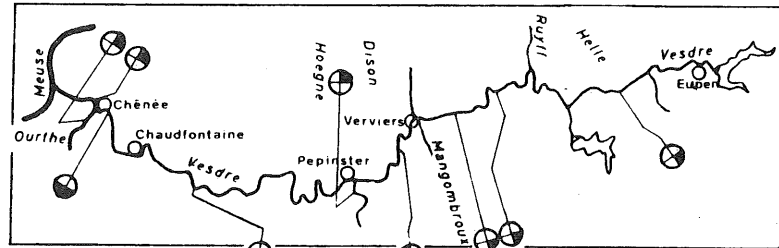
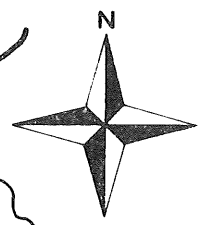
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02

- Eau-Water**
- ⊕ > 97 - < 105 %
 - ⊕ 88 - 97
 - ⊕ 70 - 87
 - 23 - 69
 - < 23 - > 105



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

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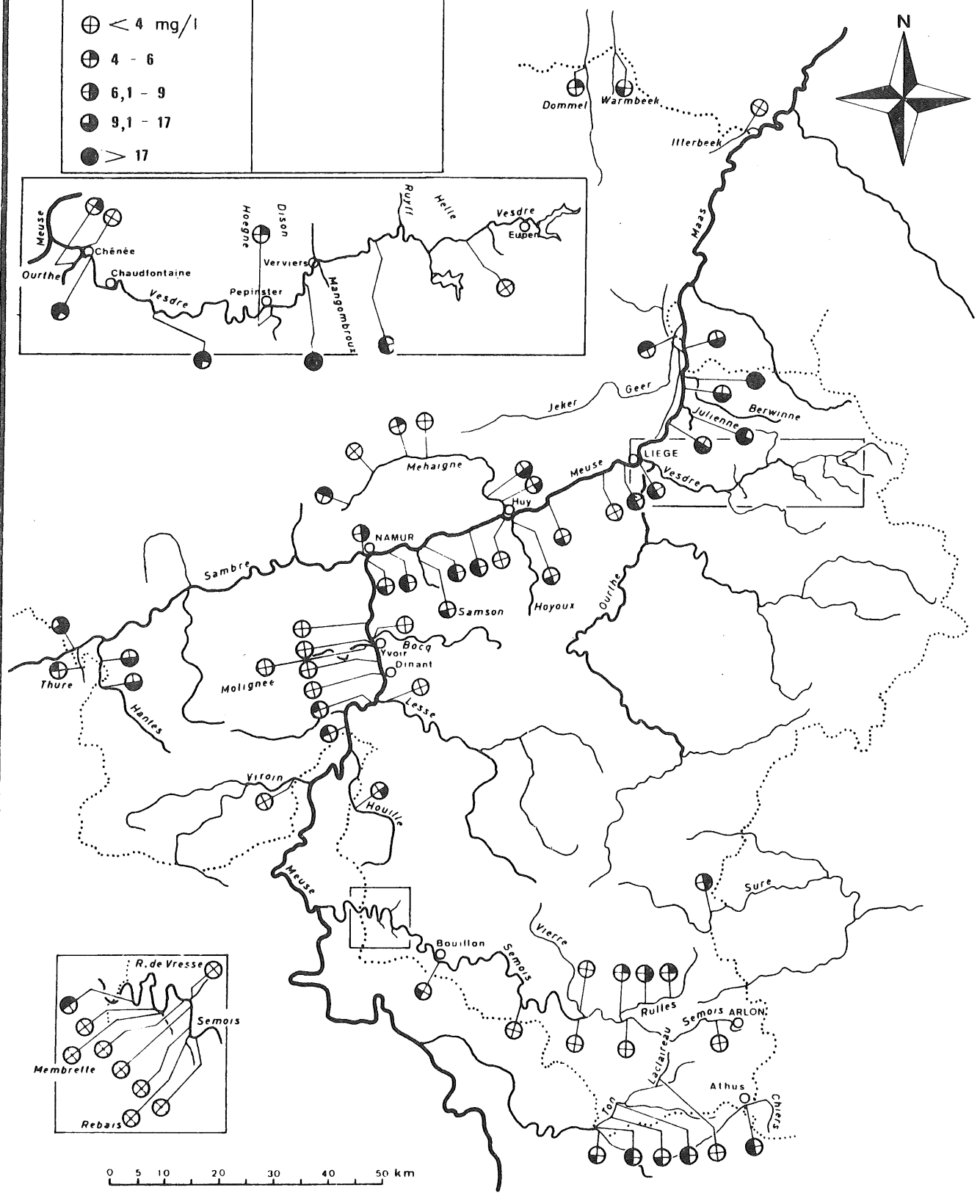
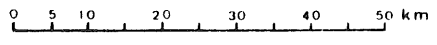
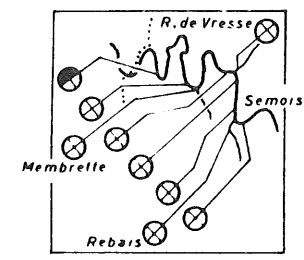
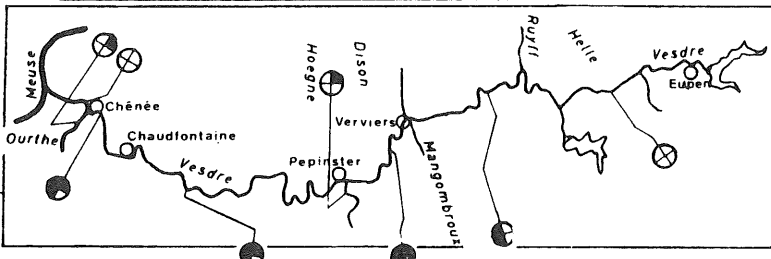
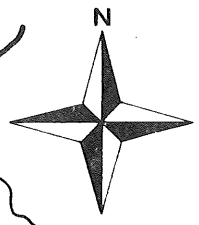
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Eau-Water

- ⊕ < 4 mg/l
- ⊕ 4 - 6
- ⊕ 6,1 - 9
- ⊕ 9,1 - 17
- > 17



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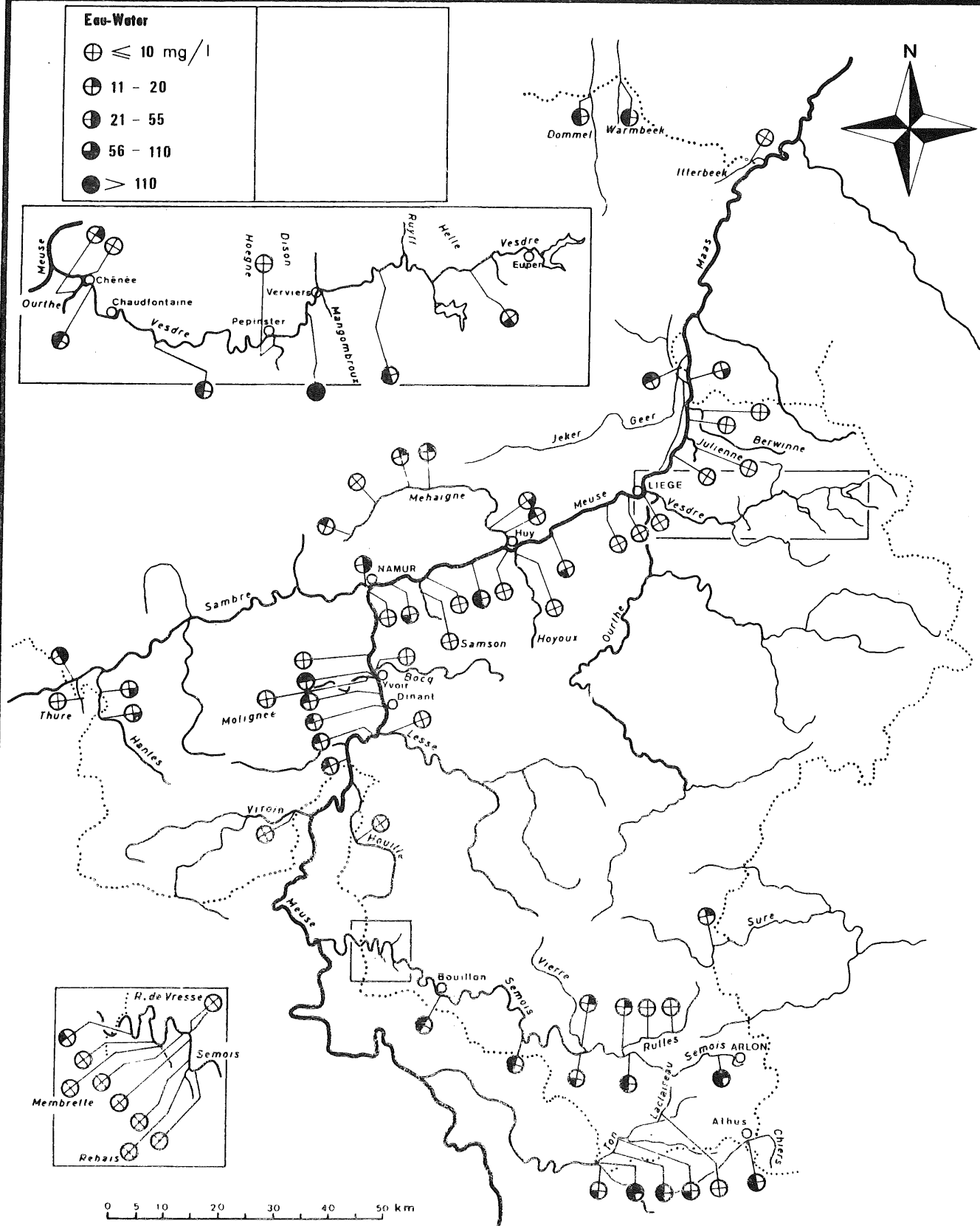
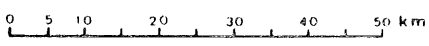
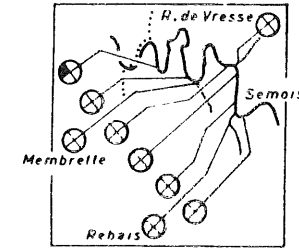
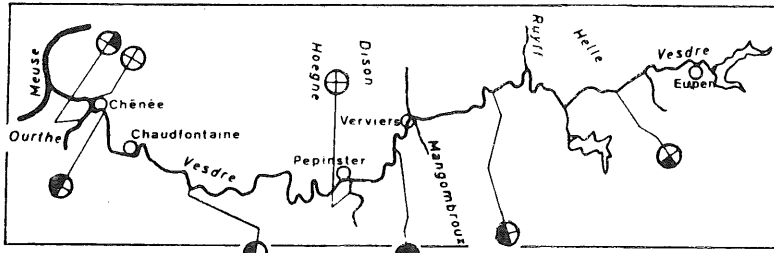
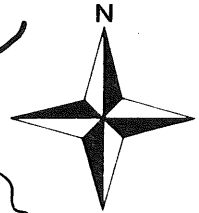
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Eau-Water

- ⊕ ≤ 10 mg/l
- ⊕ 11 - 20
- ⊕ 21 - 55
- ⊕ 56 - 110
- > 110



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

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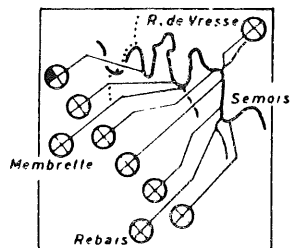
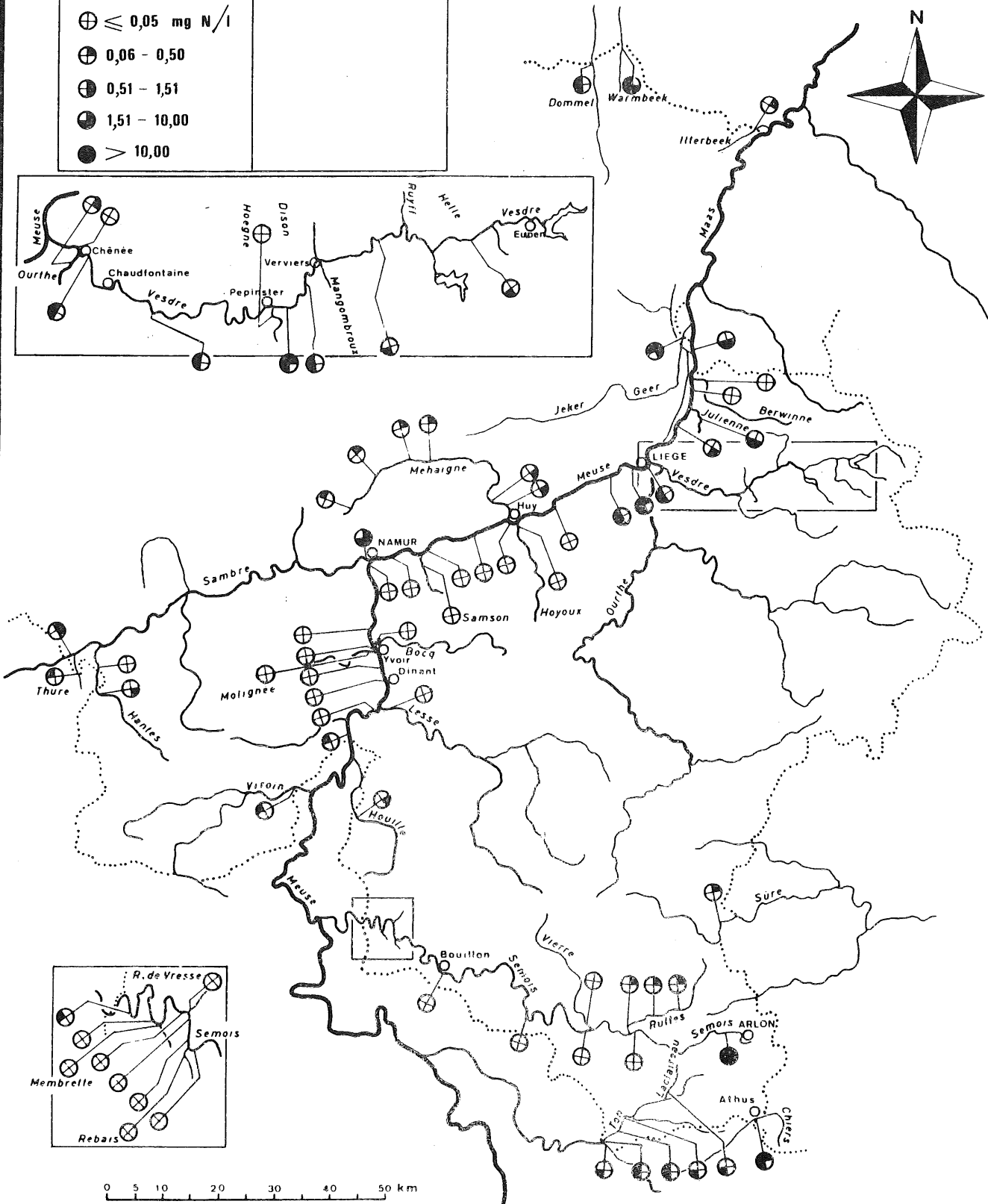
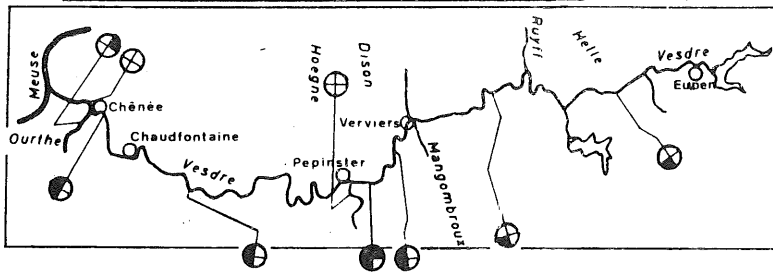
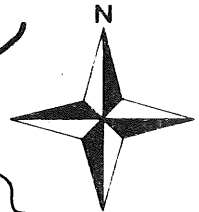
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Eau-Water

- ⊕ ≤ 0,05 mg N/l
- ⊕ 0,06 - 0,50
- ⊕ 0,51 - 1,51
- ⊕ 1,51 - 10,00
- > 10,00



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

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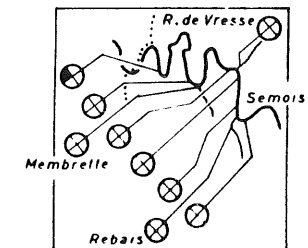
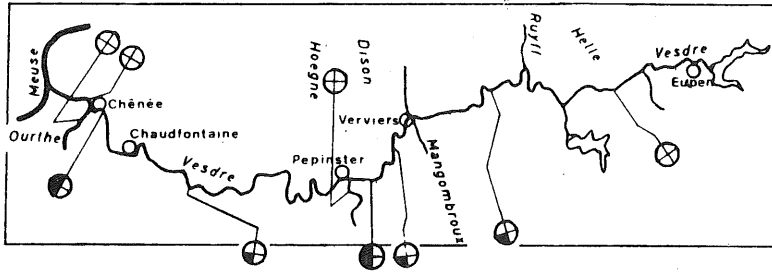
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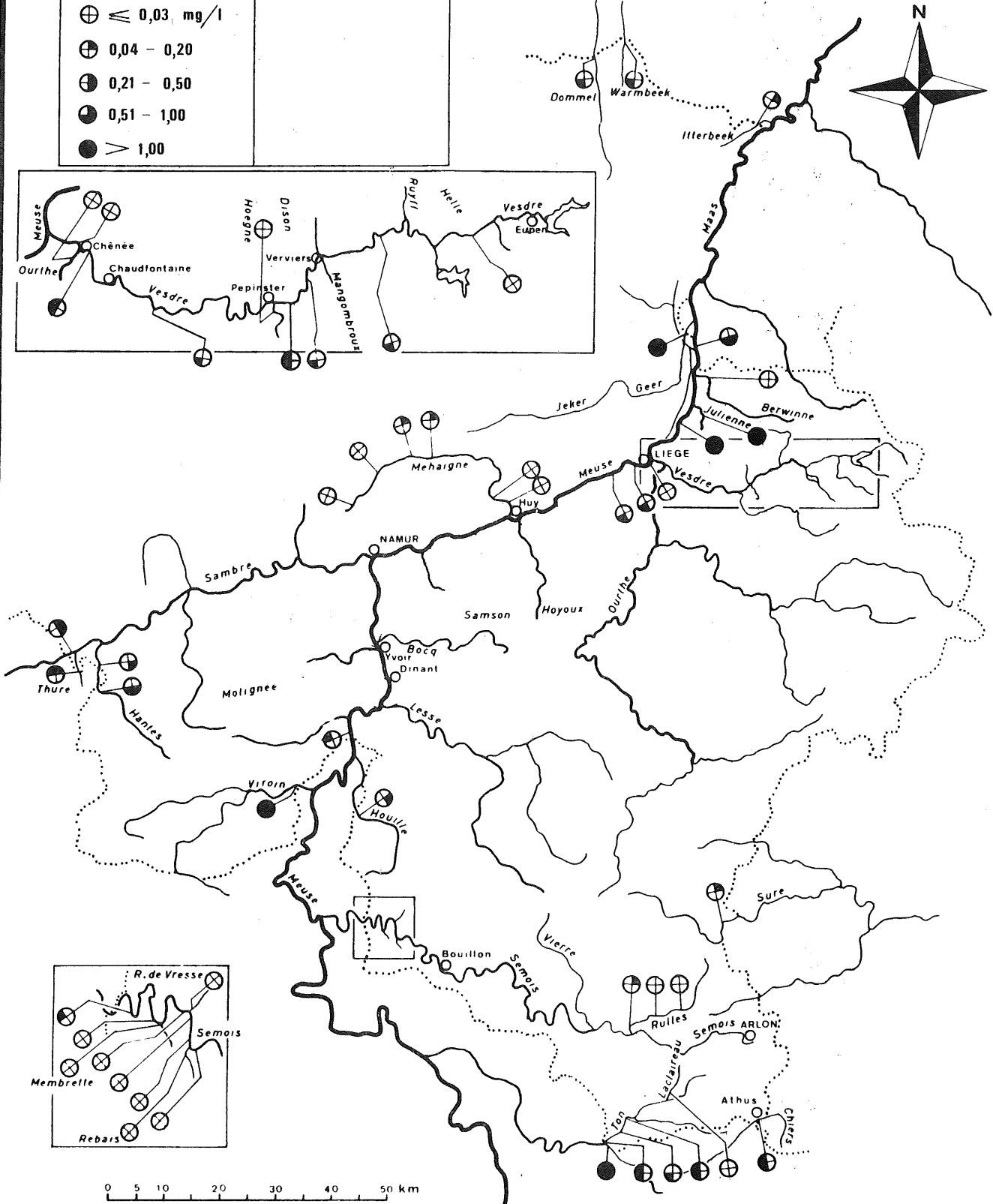
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Eau-Water

- ⊕ ≤ 0,03 mg/l
- ⊕ 0,04 - 0,20
- ⊕ 0,21 - 0,50
- ⊕ 0,51 - 1,00
- > 1,00



0 5 10 20 30 40 50 km



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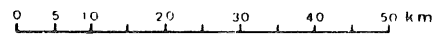
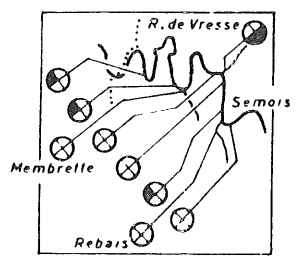
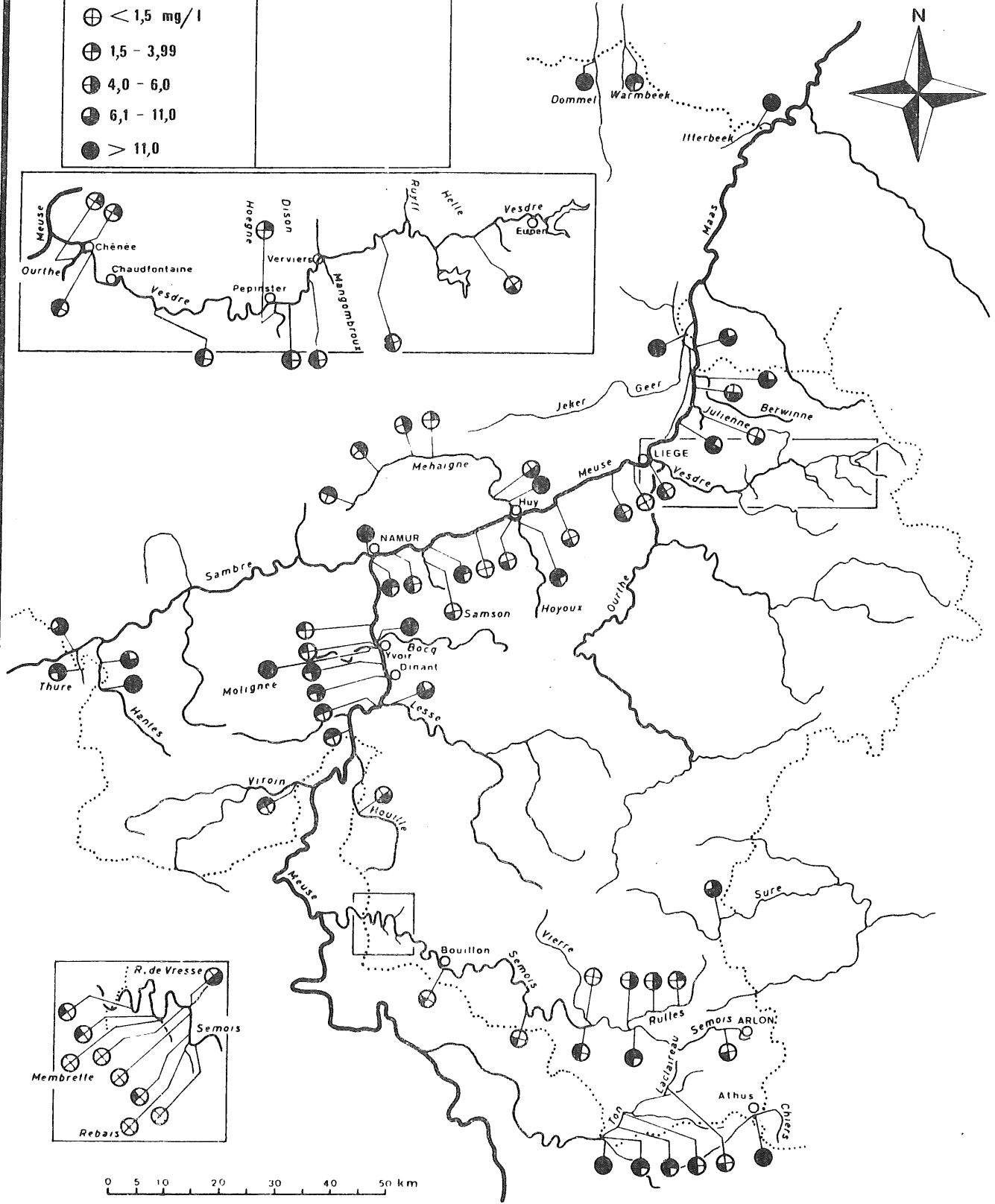
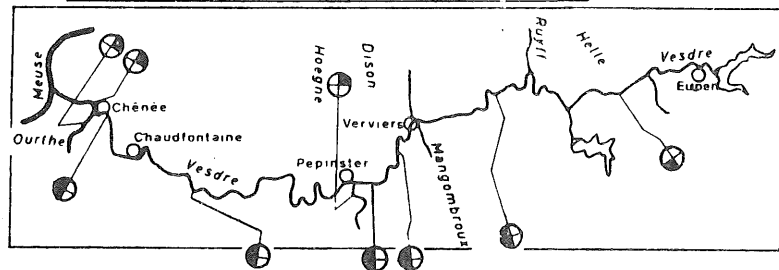
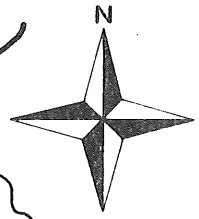
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Eeu-Water

- ⊕ < 1,5 mg/l
- ⊕ 1,5 - 3,99
- ⊕ 4,0 - 6,0
- ⊕ 6,1 - 11,0
- > 11,0



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Eau-Water

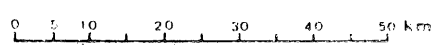
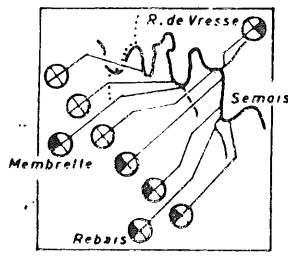
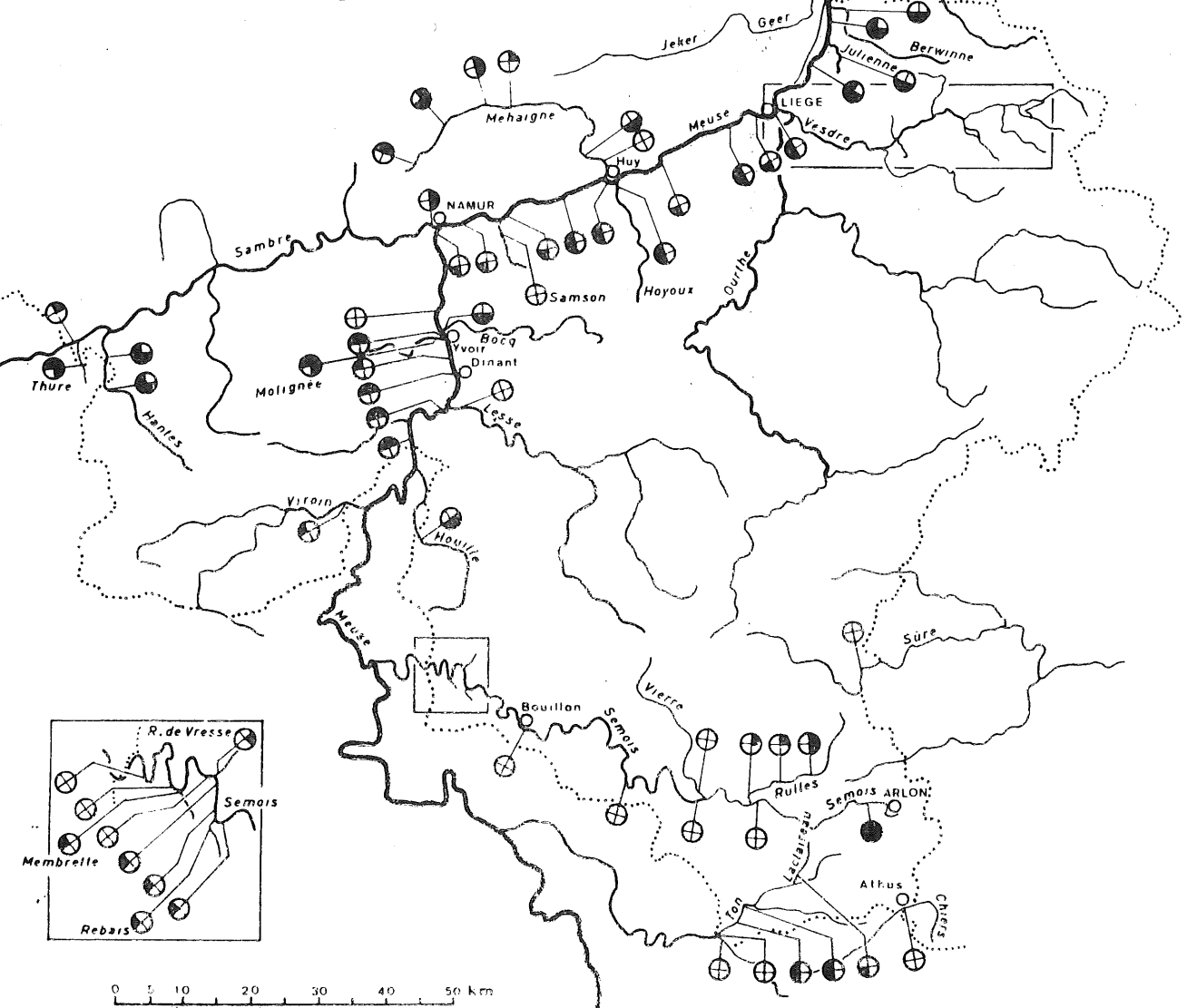
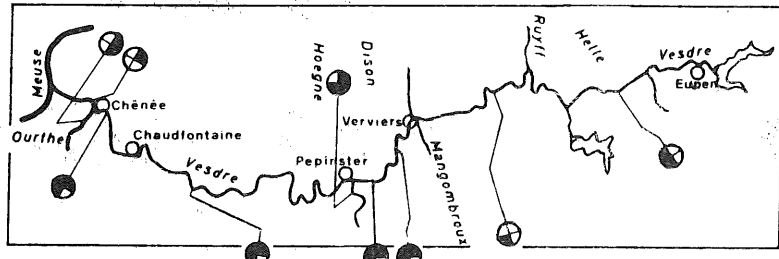
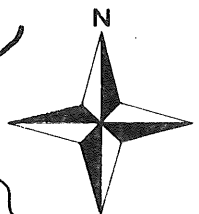
⊕ ≤ 1,00 mg N/l

⊕ 1,1 - 2,0

⊕ 2,1 - 2,75

⊕ 2,8 - 5,0

● > 5,0



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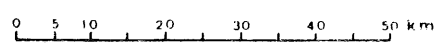
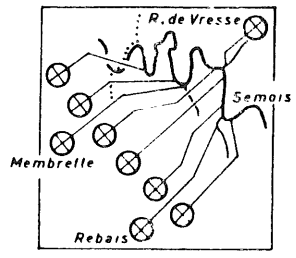
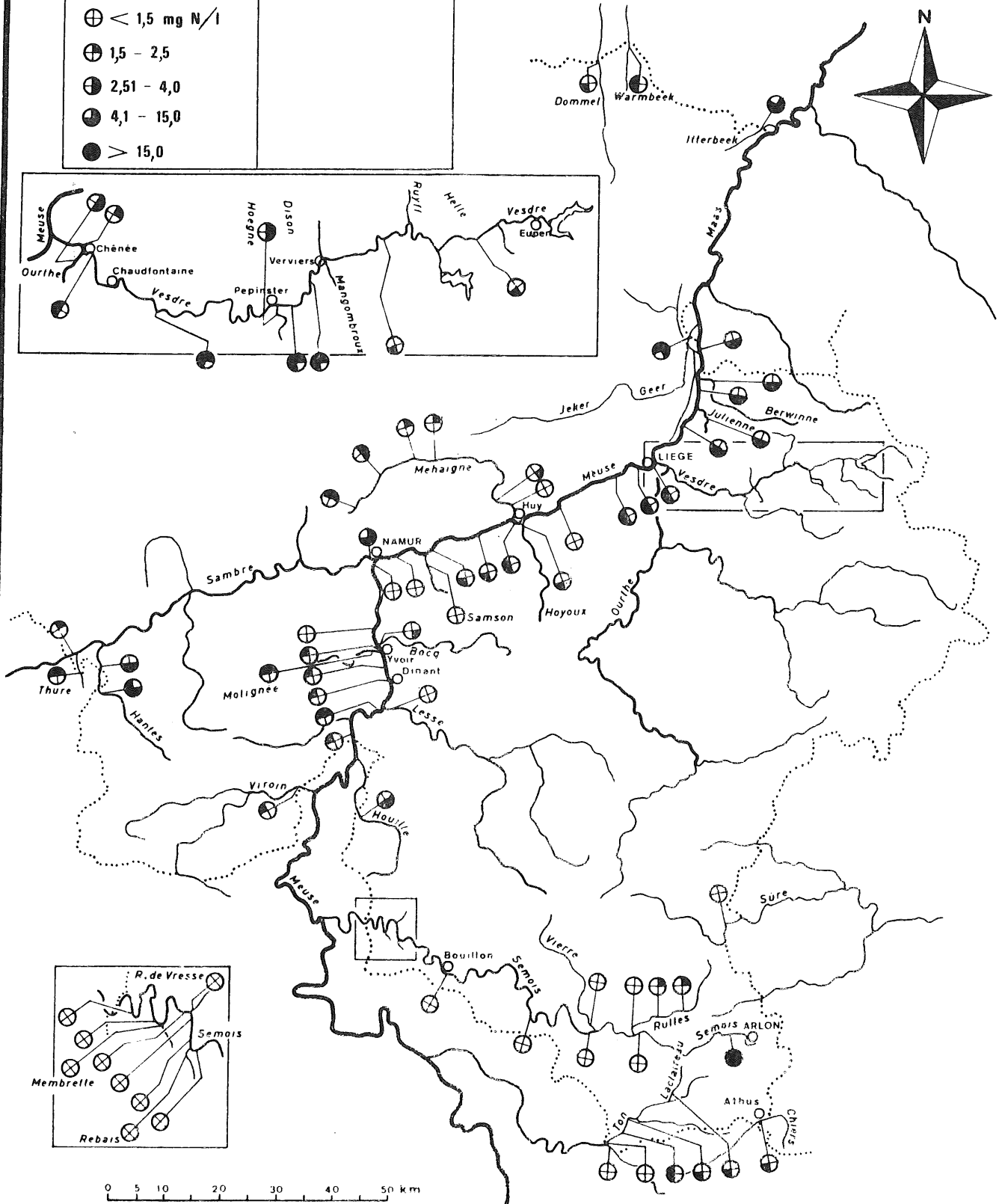
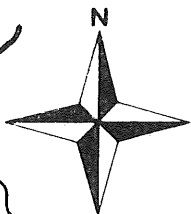
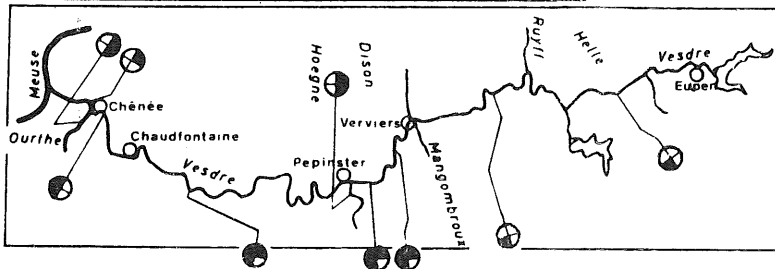
N tot.

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Eau-Water

- ⊕ < 1,5 mg N/l
- ⊕ 1,5 - 2,5
- ⊕ 2,51 - 4,0
- ⊕ 4,1 - 15,0
- > 15,0



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

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Eau-Water

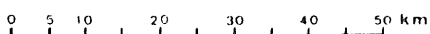
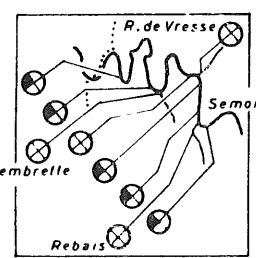
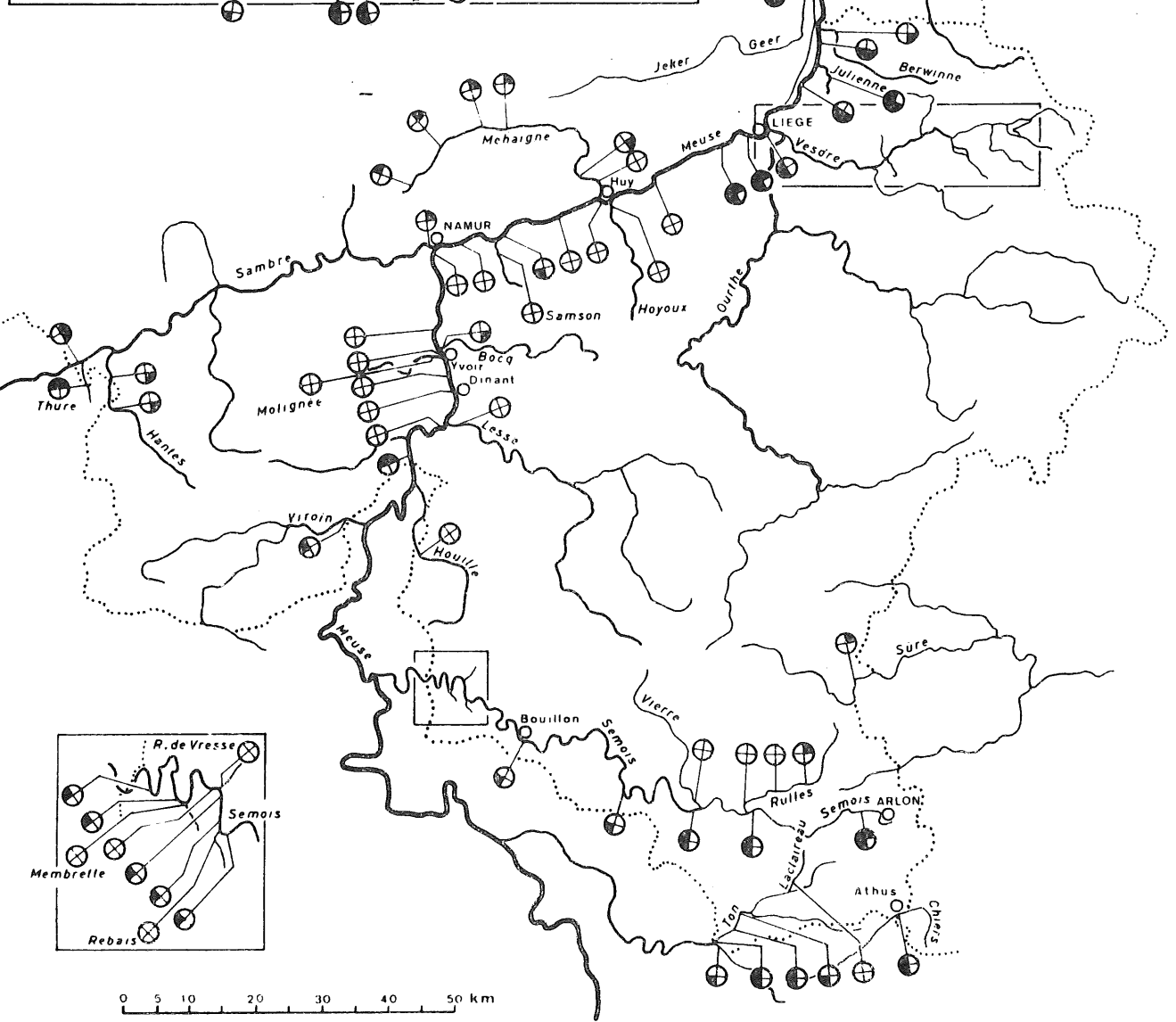
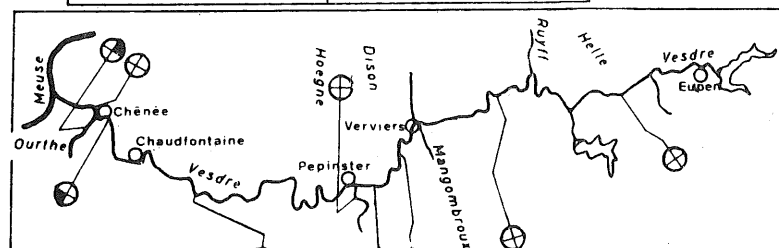
⊕ ≤ 0,10 mg P/l

⊕ 0,11 - 0,25

⊕ 0,26 - 0,60

● 0,61 - 2,00

● > 2,00



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

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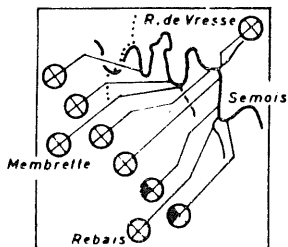
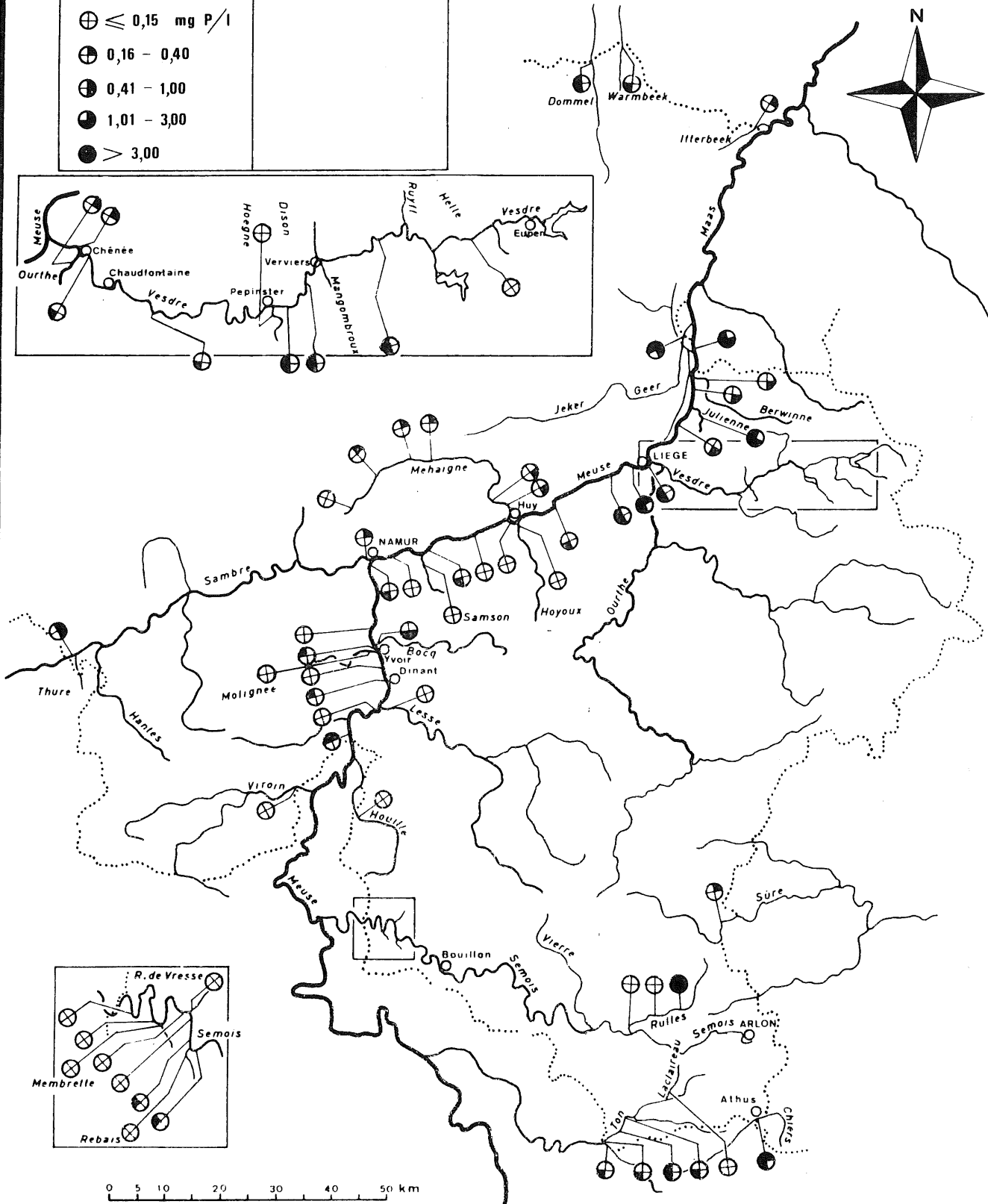
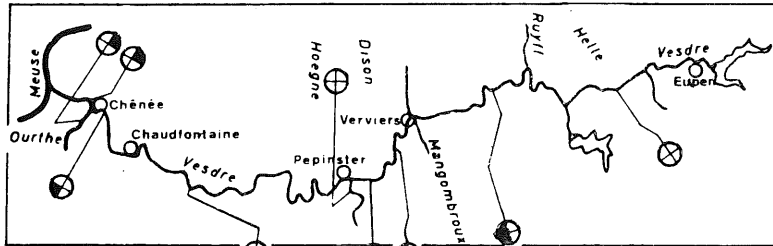
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Eau-Water

- ⊕ ≤ 0,15 mg P/l
- ⊕ 0,16 - 0,40
- ⊕ 0,41 - 1,00
- 1,01 - 3,00
- > 3,00



0 5 10 20 30 40 50 km

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Eau-Water

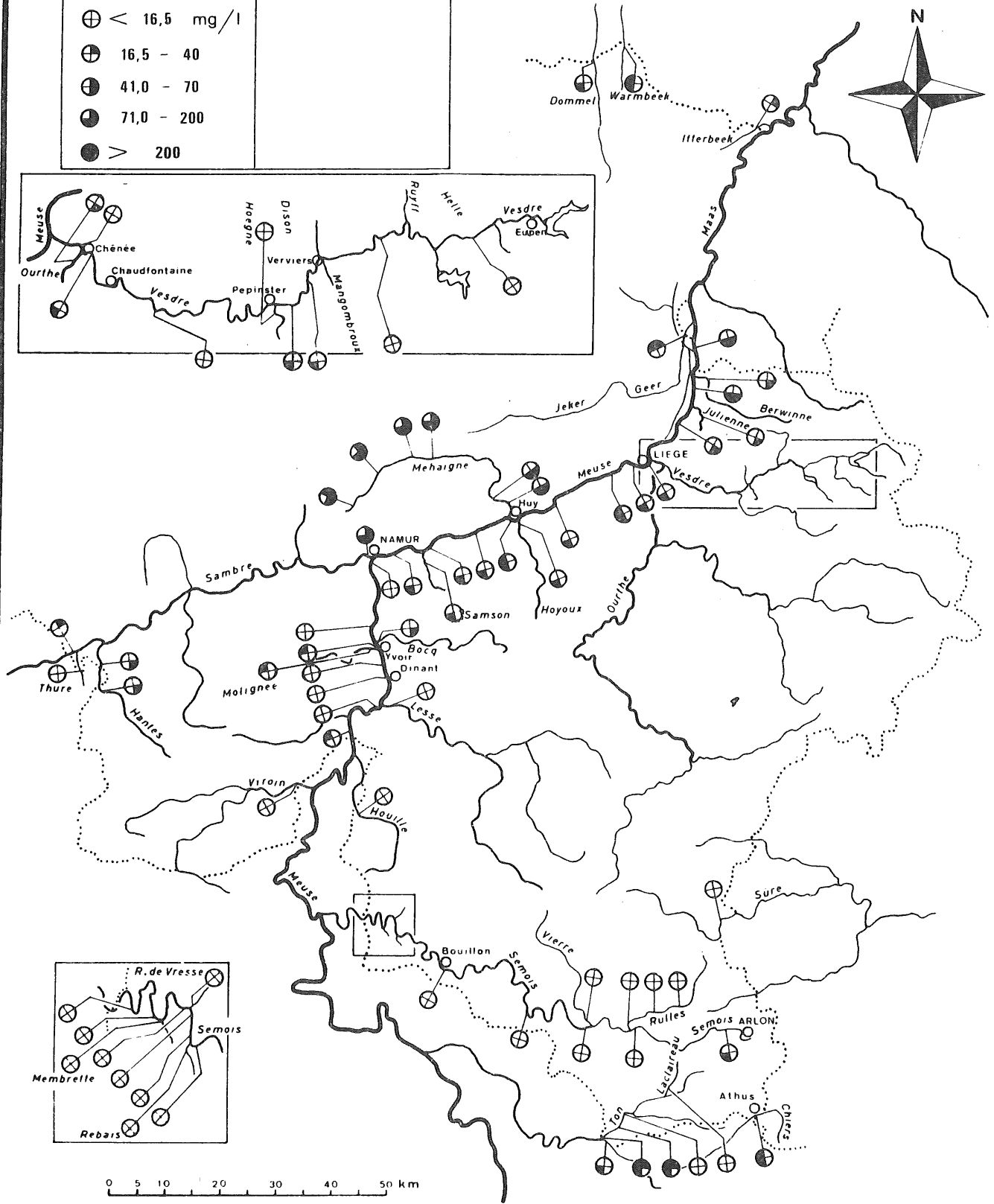
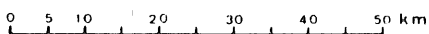
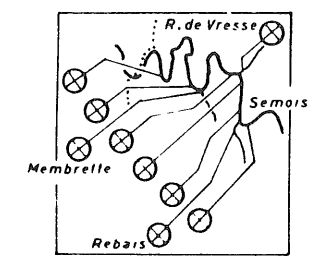
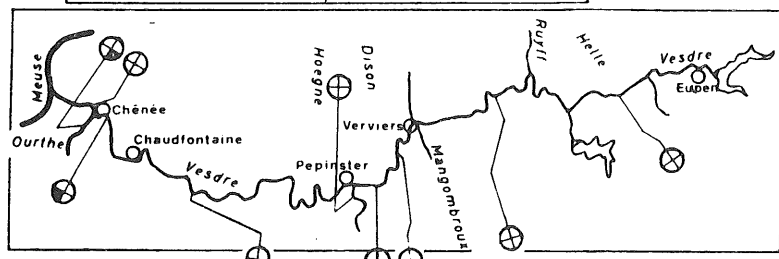
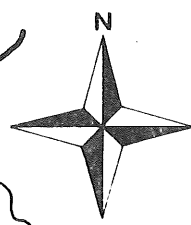
⊕ < 16,5 mg/l

⊕ 16,5 - 40

⊕ 41,0 - 70

● 71,0 - 200

● > 200



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

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Eeu-Water

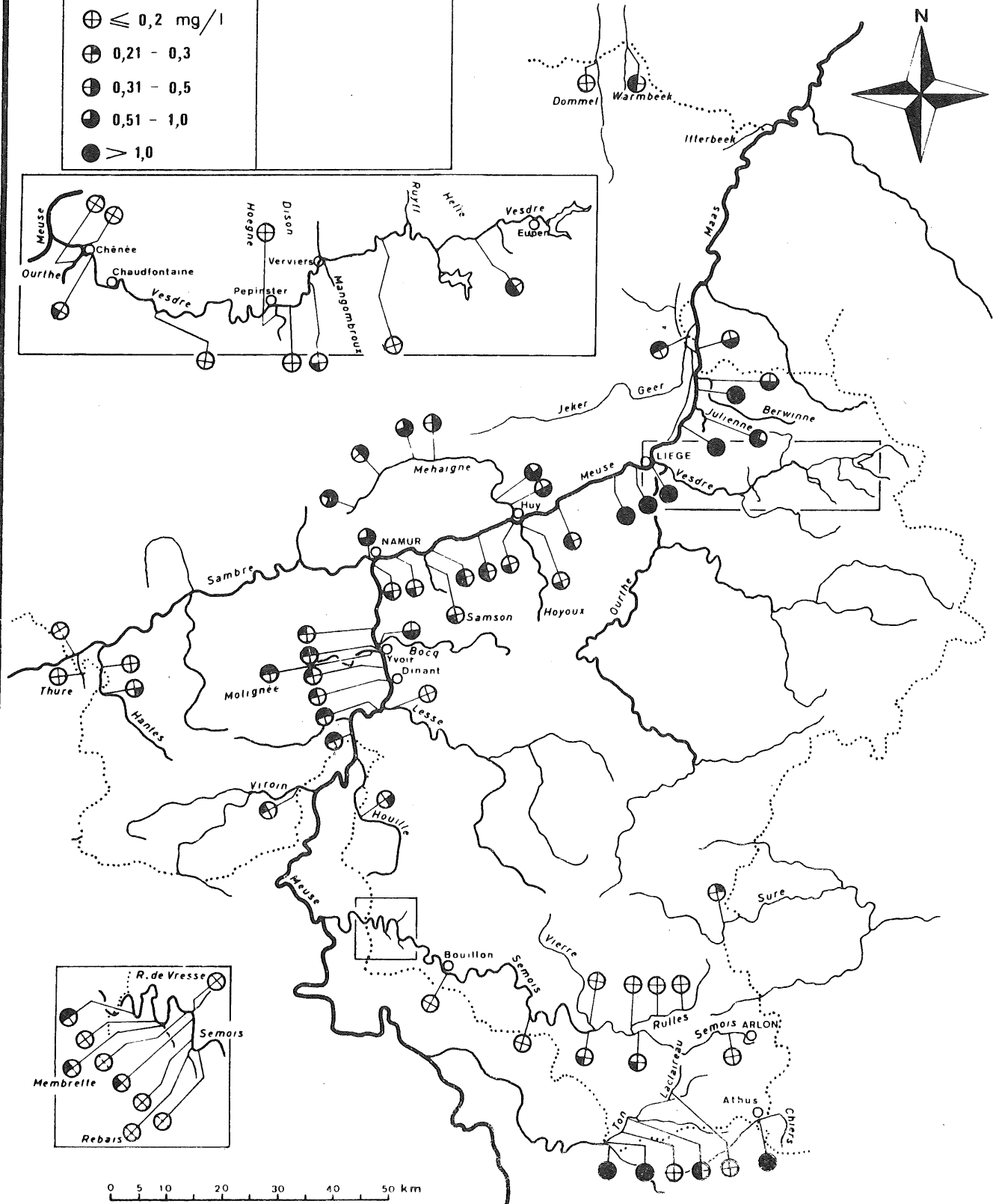
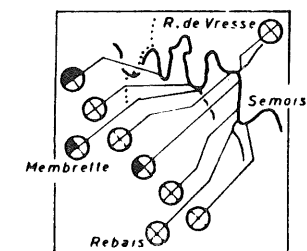
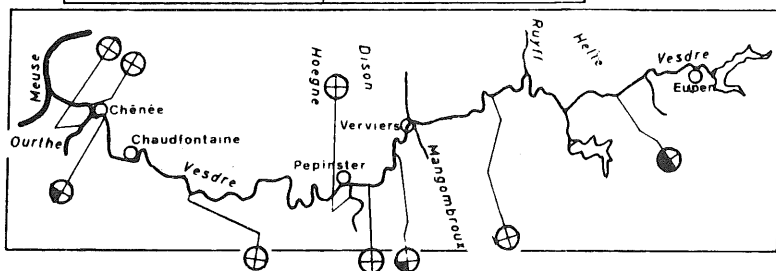
⊕ ≤ 0,2 mg/l

⊕ 0,21 - 0,3

⊕ 0,31 - 0,5

● 0,51 - 1,0

● > 1,0



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Eau-Water

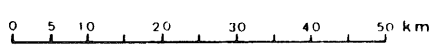
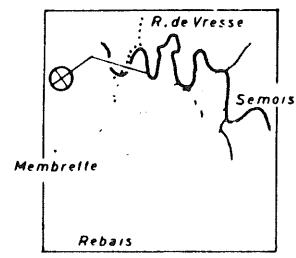
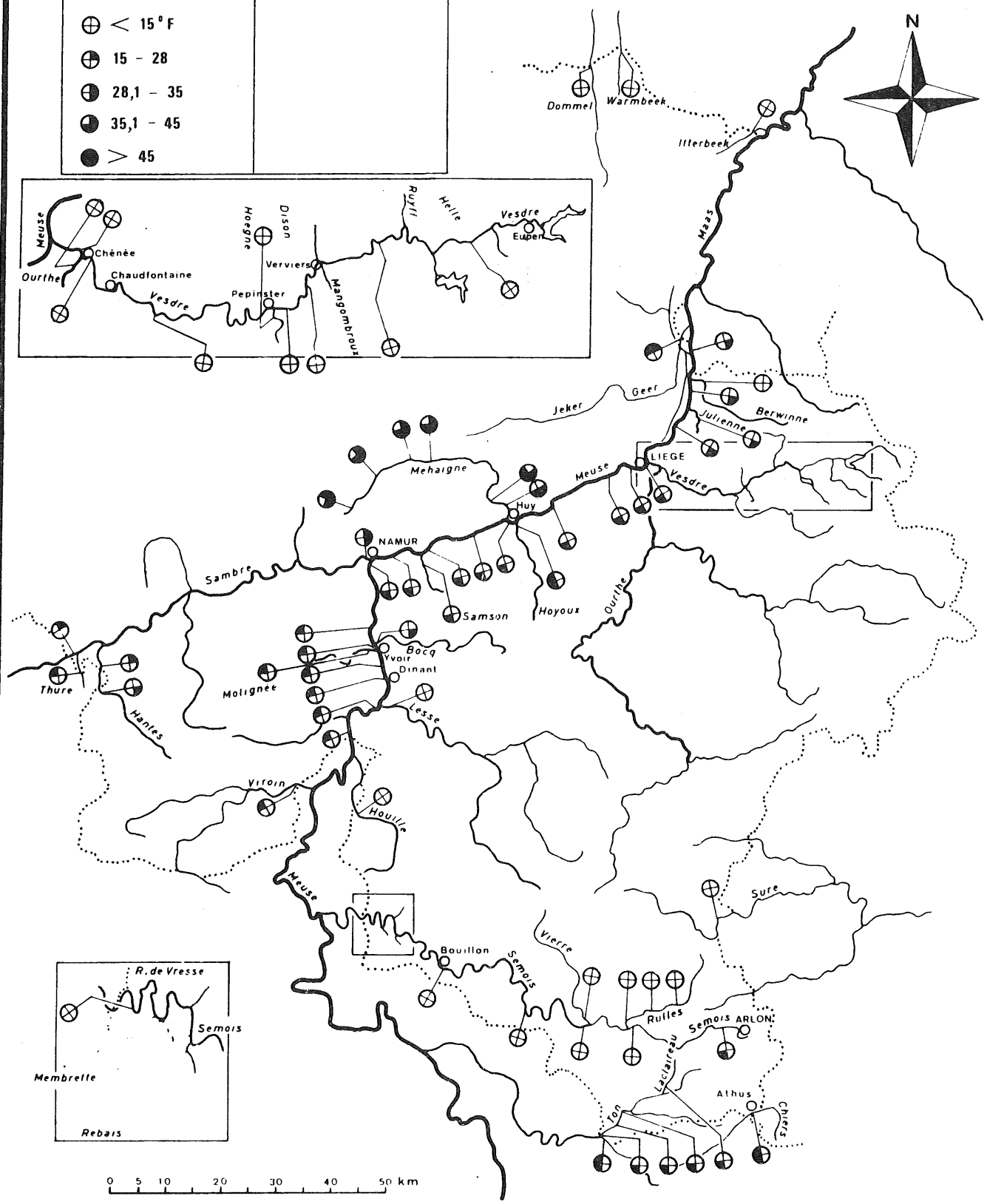
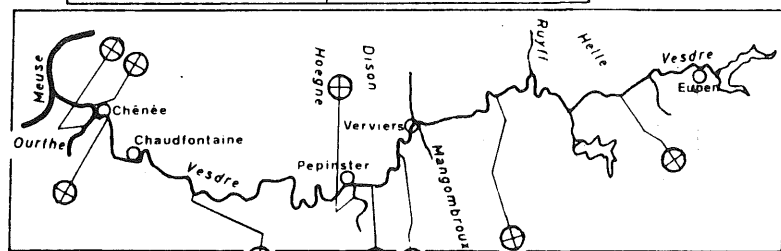
⊕ < 15 ° F

⊕ 15 - 28

⊕ 28,1 - 35

● 35,1 - 45

● > 45



Groep inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

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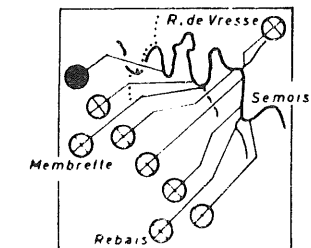
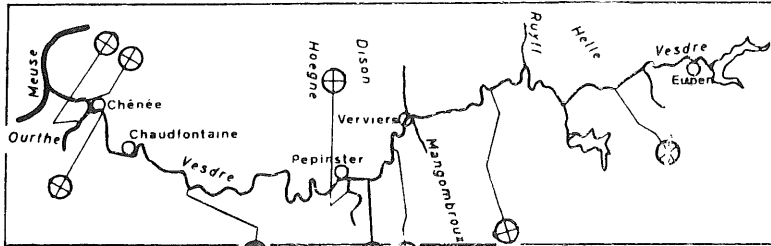
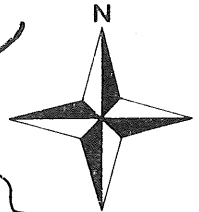
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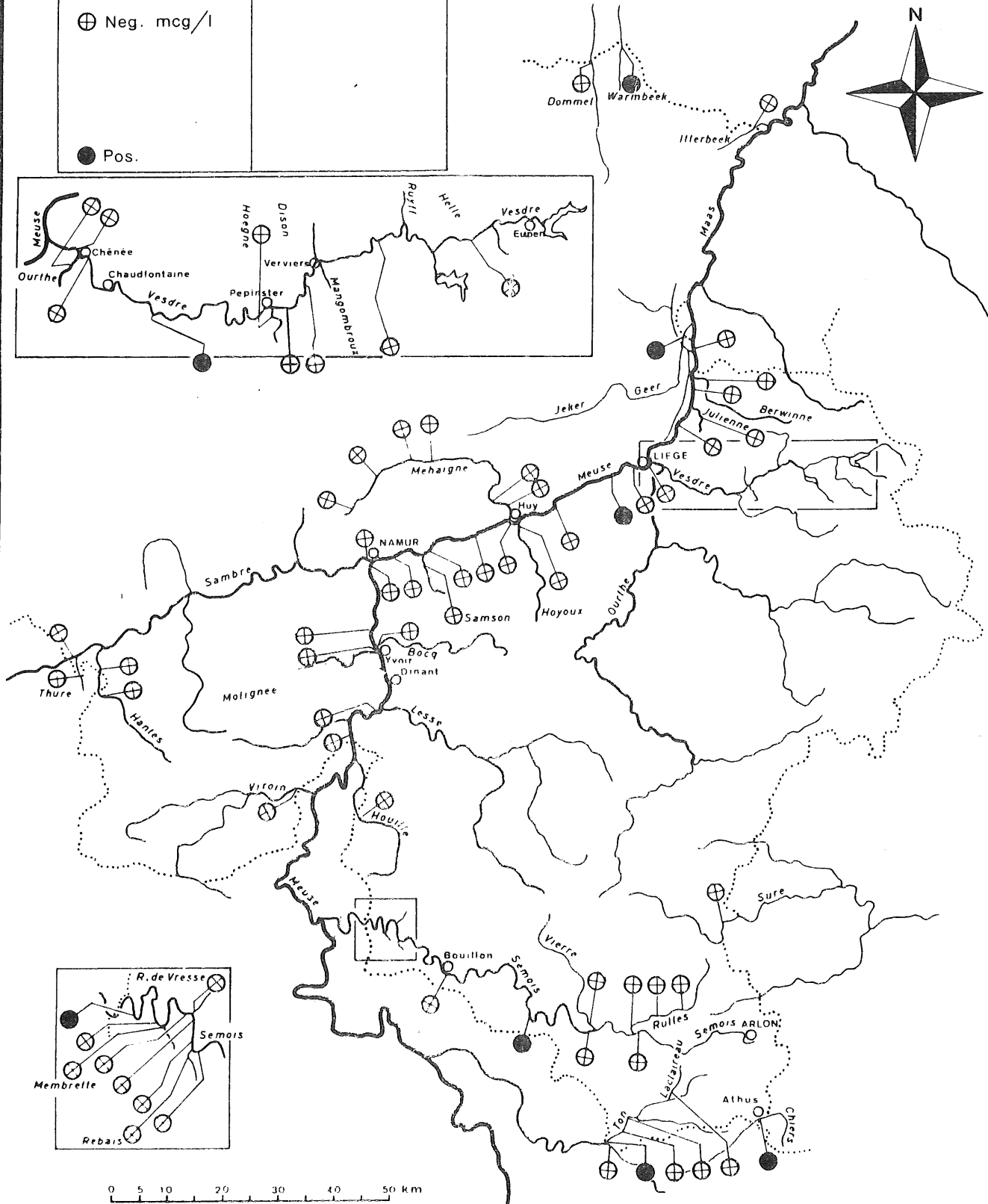
Eau-Water

⊕ Neg. mcg/l

● Pos.



0 5 10 20 30 40 50 km



MEUSE ET AFFLUENTS

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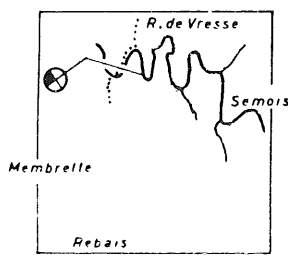
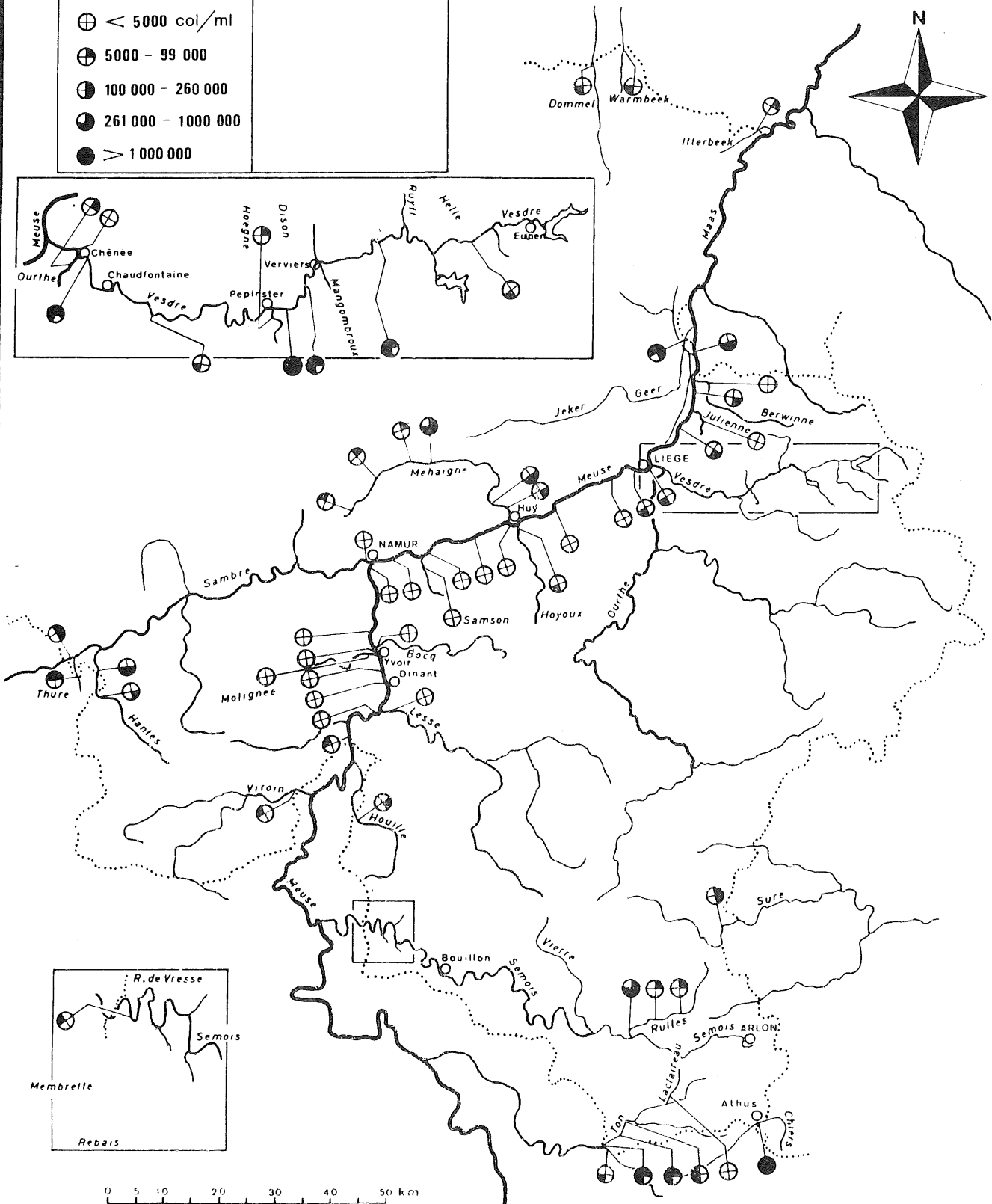
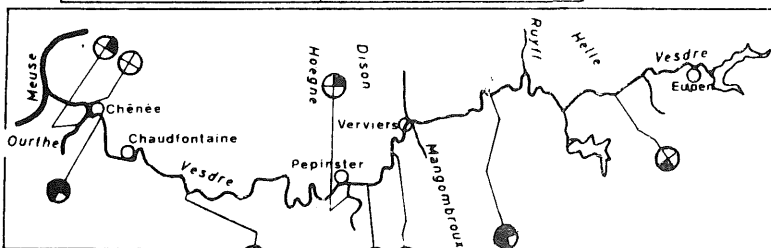
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Eau-Water

- ⊕ < 5000 col/ml
- ⊕ 5000 - 99 000
- ⊕ 100 000 - 260 000
- 261 000 - 1 000 000
- > 1 000 000



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

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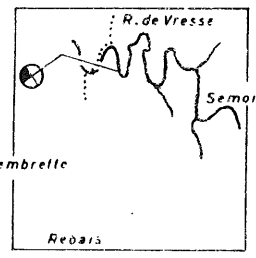
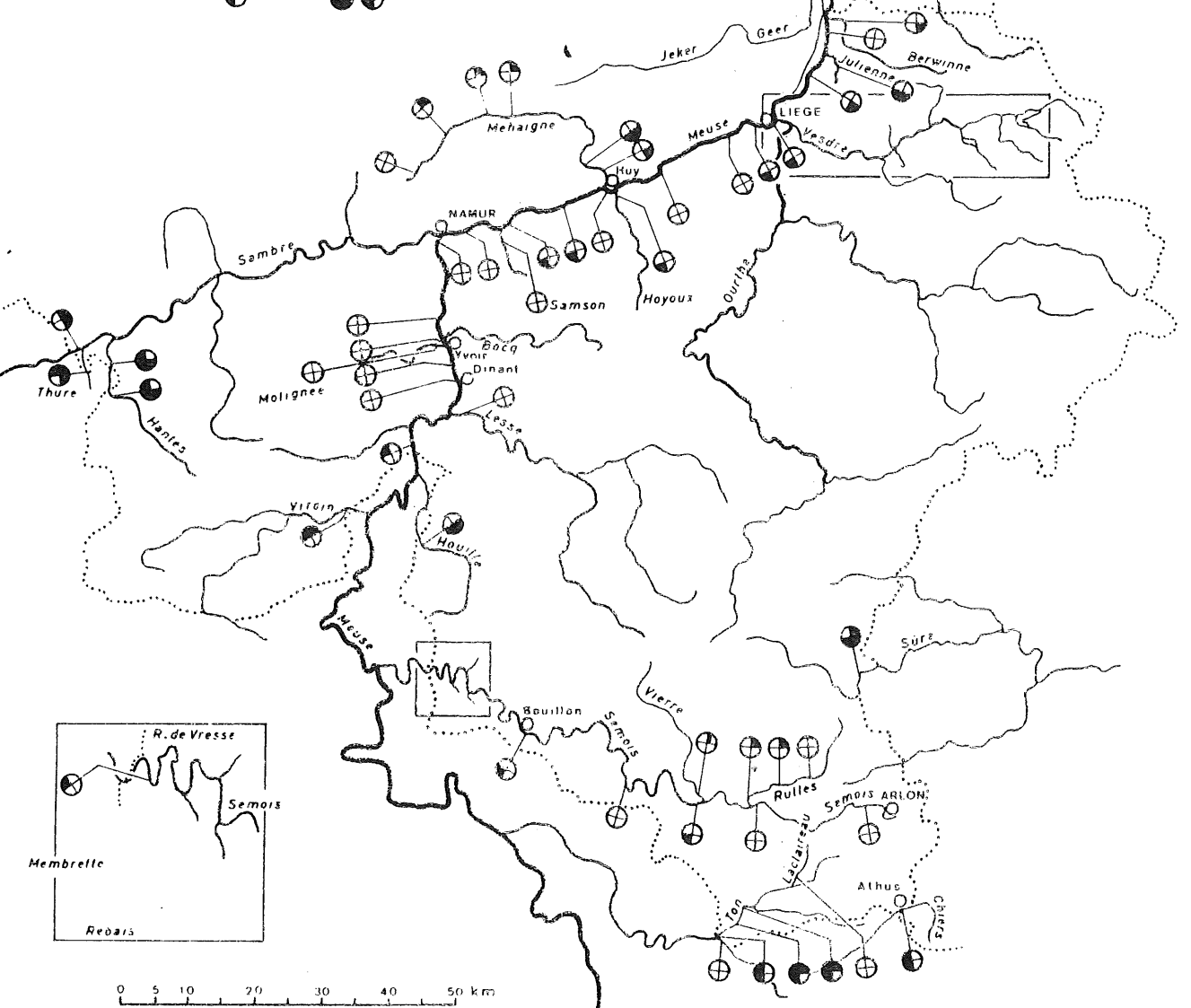
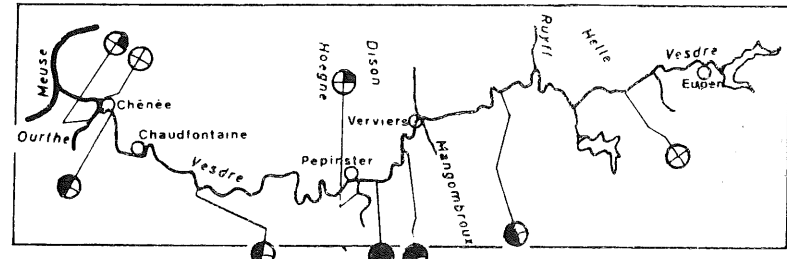
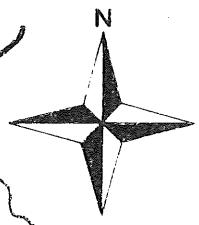
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Tot. coli.

Eau-Water

⊕	< 10 000 col/dl
⊕	10 000 - 50 000
⊕	51 000 - 250 000
⊕	251 000 - 2 000 000
●	> 2 000 000



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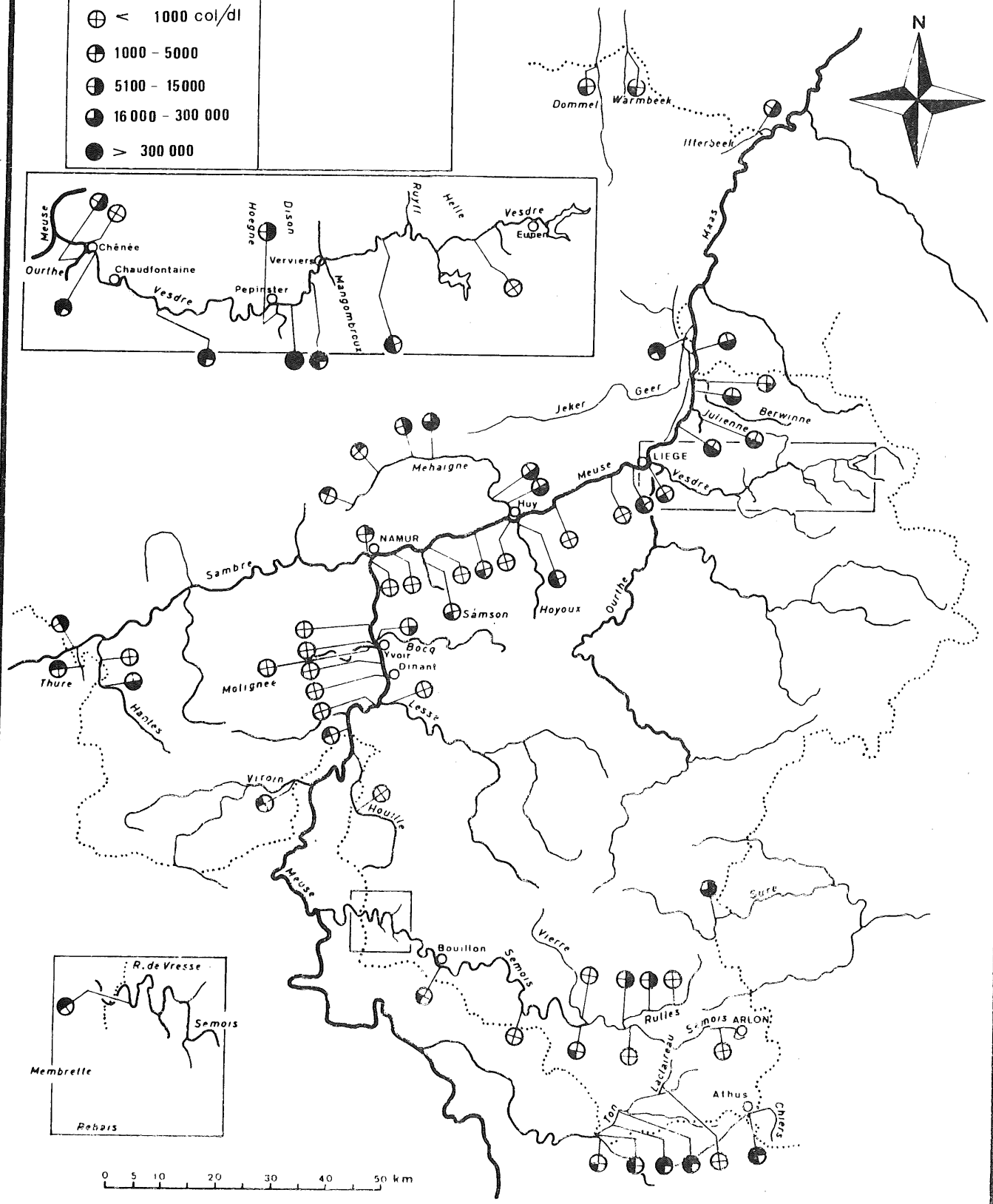
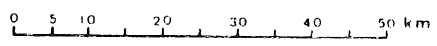
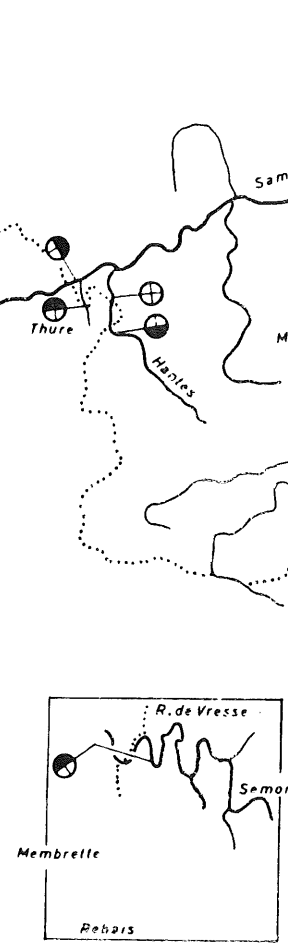
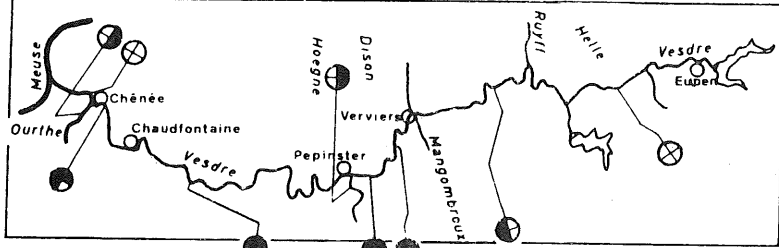
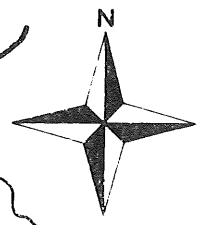
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Fec. coli.

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Eau-Water

⊕ < 1000 col/dl
⊕ 1000 - 5000
⊕ 5100 - 15000
⊕ 16000 - 300000
● > 300000



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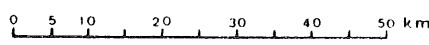
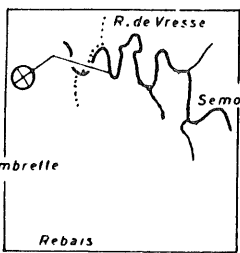
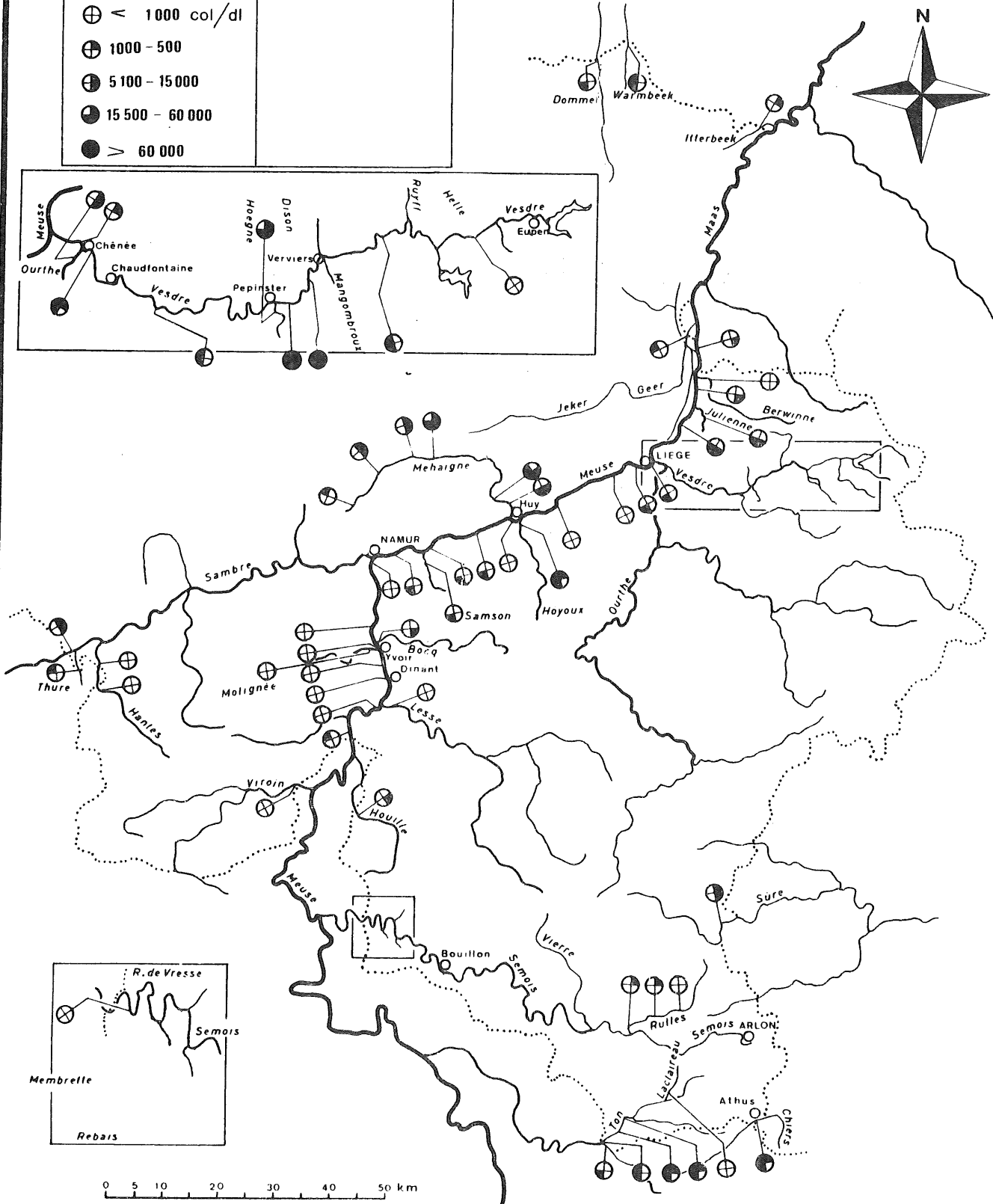
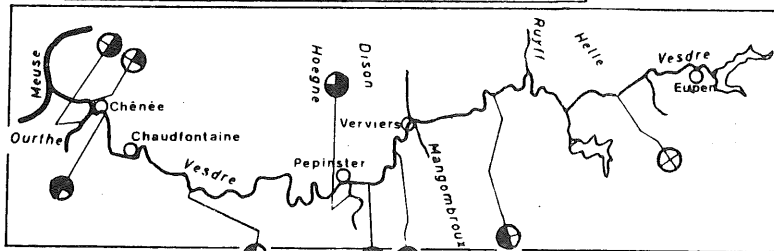
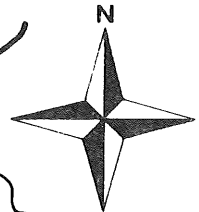
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Fec. strep.

Eco-Water

- ⊕ < 1000 col/dl
- ⊕ 1000 - 500
- ⊕ 5 100 - 15 000
- 15 500 - 60 000
- > 60 000



Groupe inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

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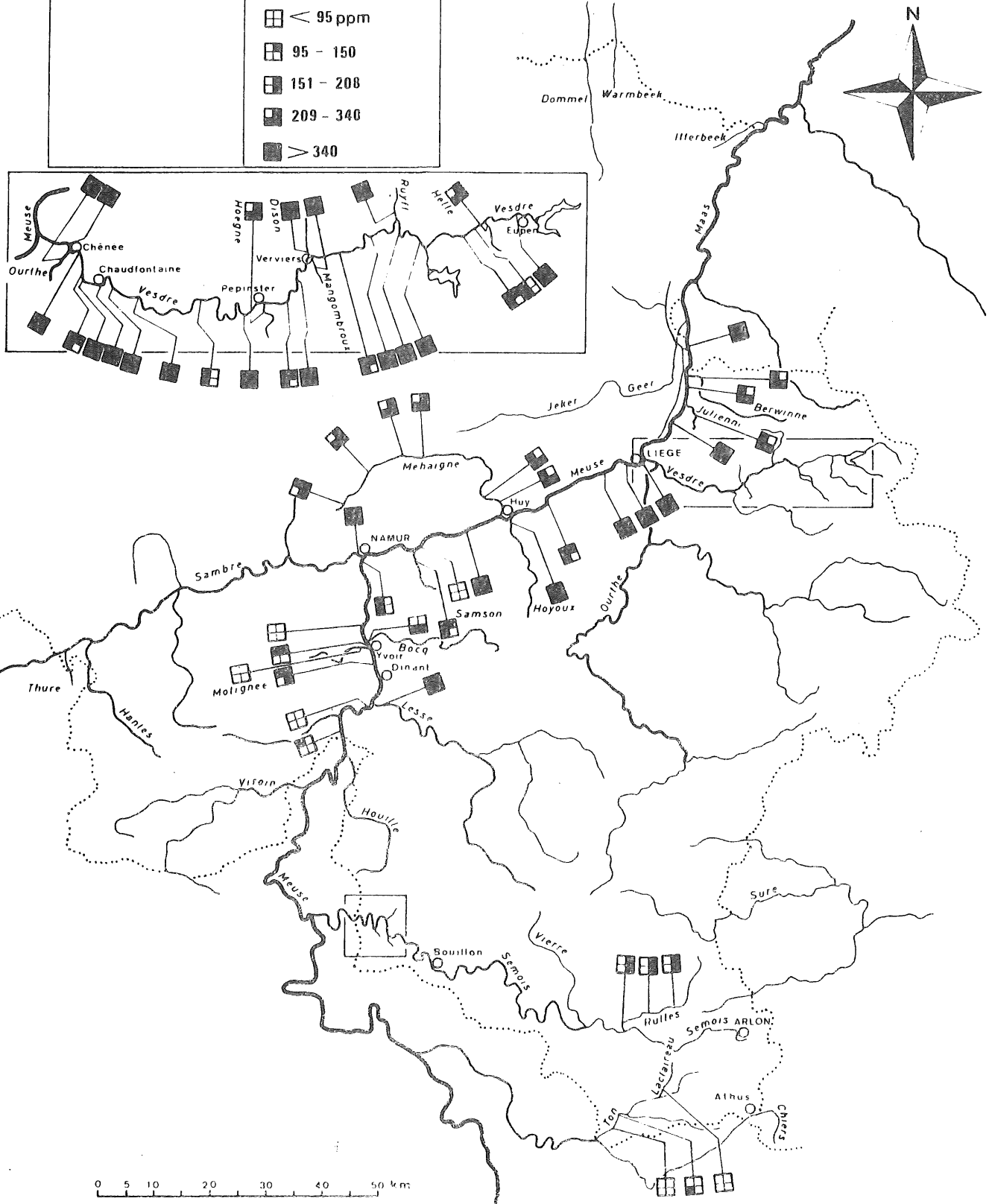
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Sédiments-Sedimenten

-  < 95 ppm
-  95 - 150
-  151 - 208
-  209 - 340
-  > 340



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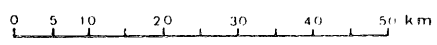
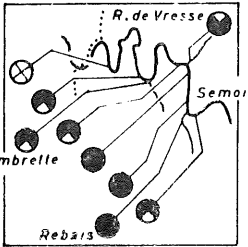
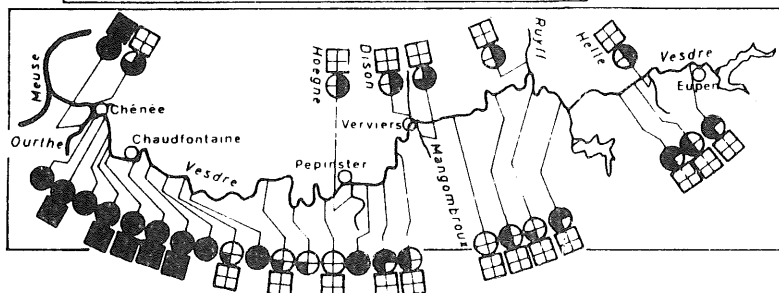
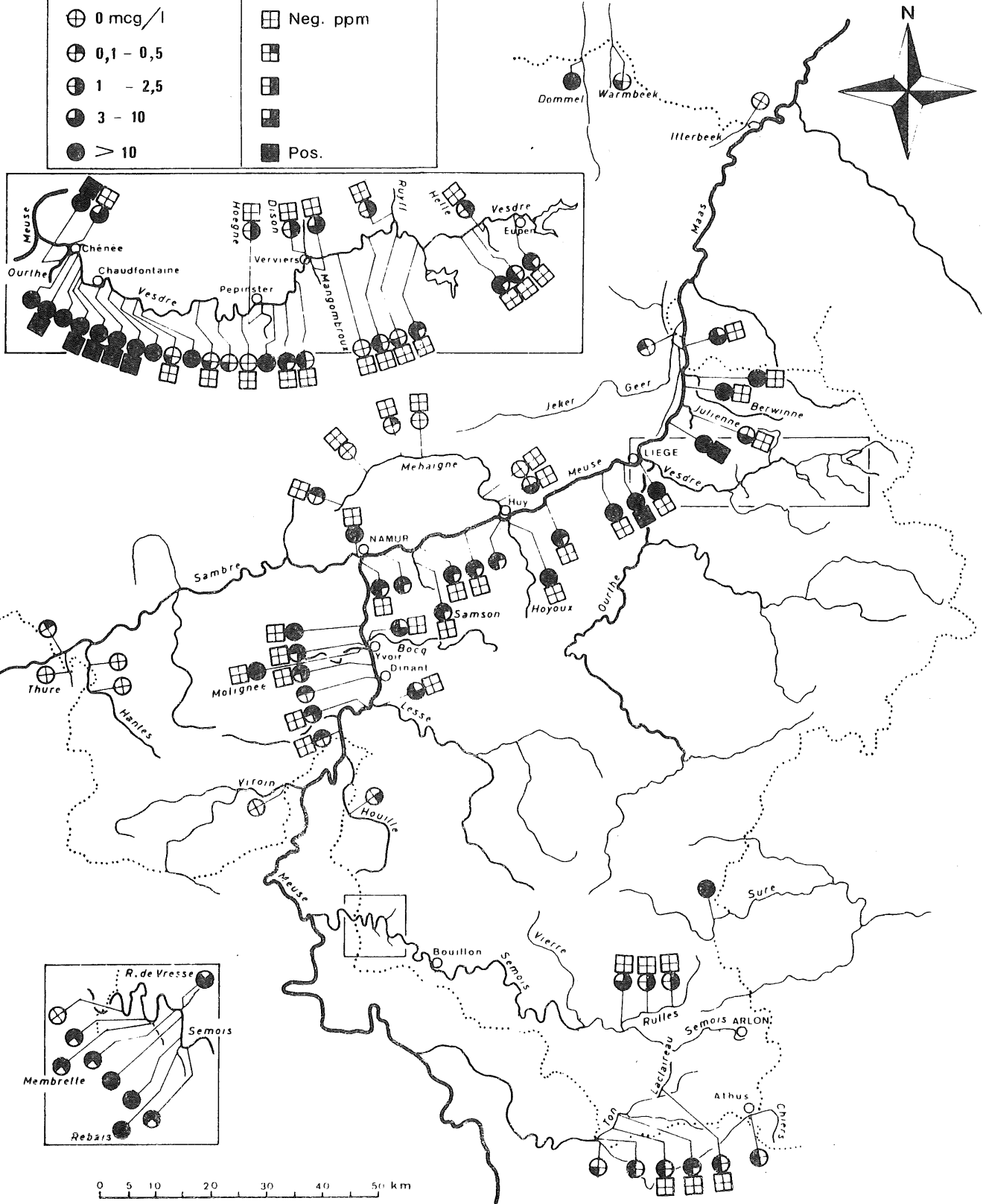
Cd

Eau-Water

- ⊕ 0 mcg/l
- ⊕ 0,1 - 0,5
- ⊕ 1 - 2,5
- ⊕ 3 - 10
- > 10

Sédiments-Sedimenten

- ⊠ Neg. ppm
- ⊠
- ⊠
- ⊠
- Pos.



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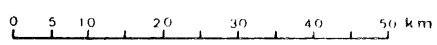
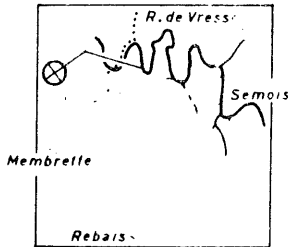
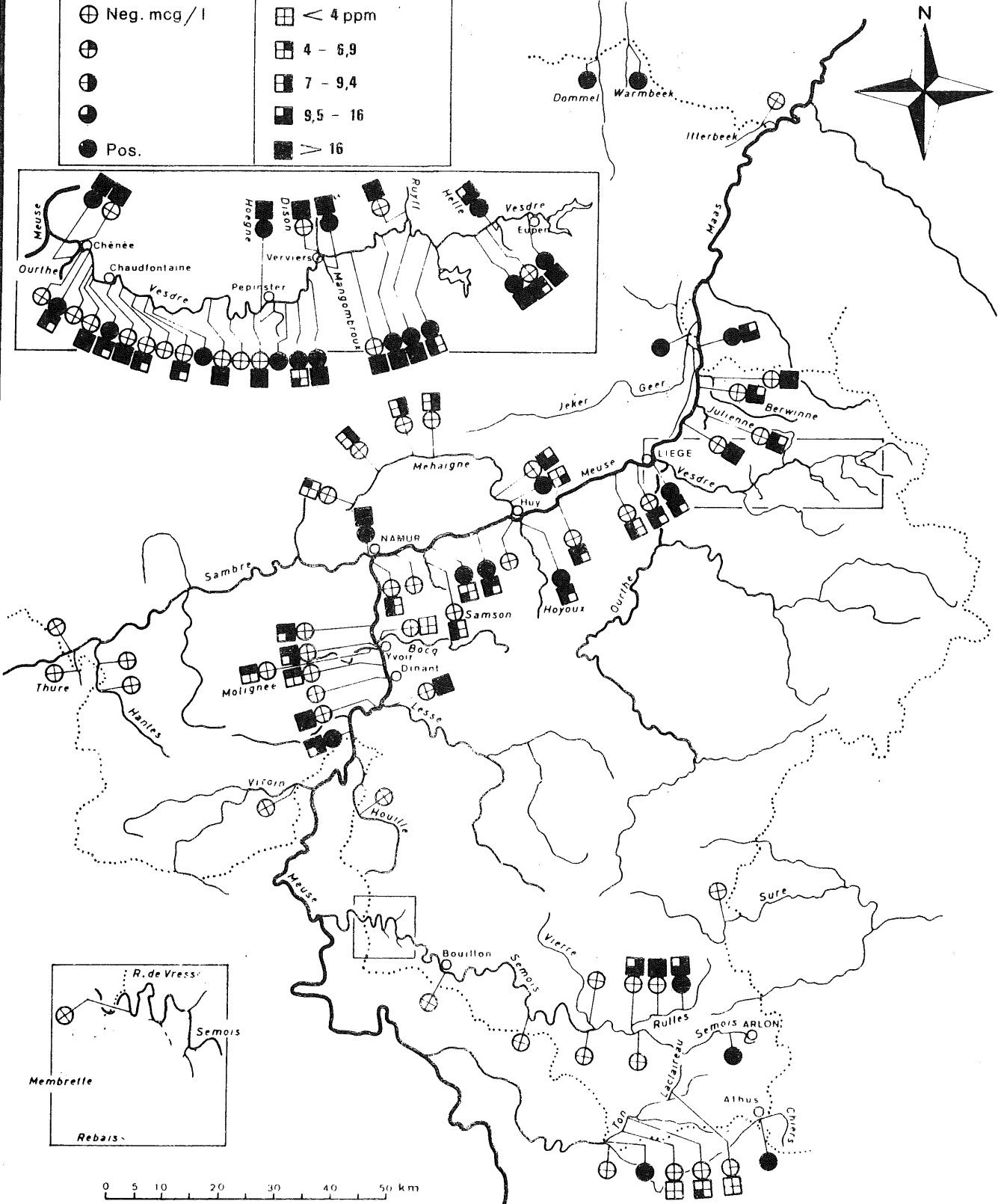
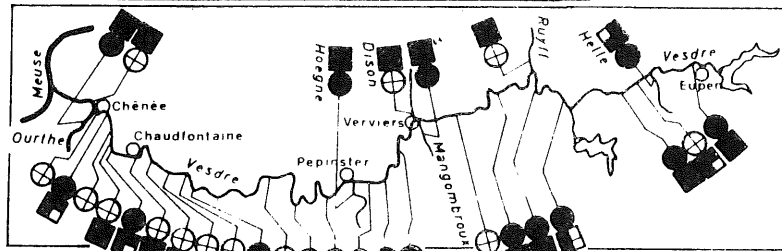
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Eau-Water	Sédiments-Sedimenten
⊕ Neg. mcg/l	☐ < 4 ppm
⊙	▤ 4 - 6,9
◐	▥ 7 - 9,4
◑	▧ 9,5 - 16
● Pos.	▨ > 16



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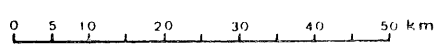
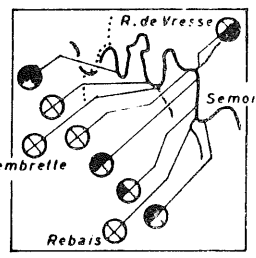
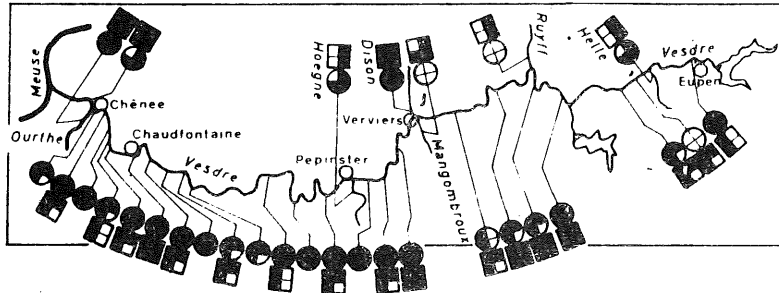
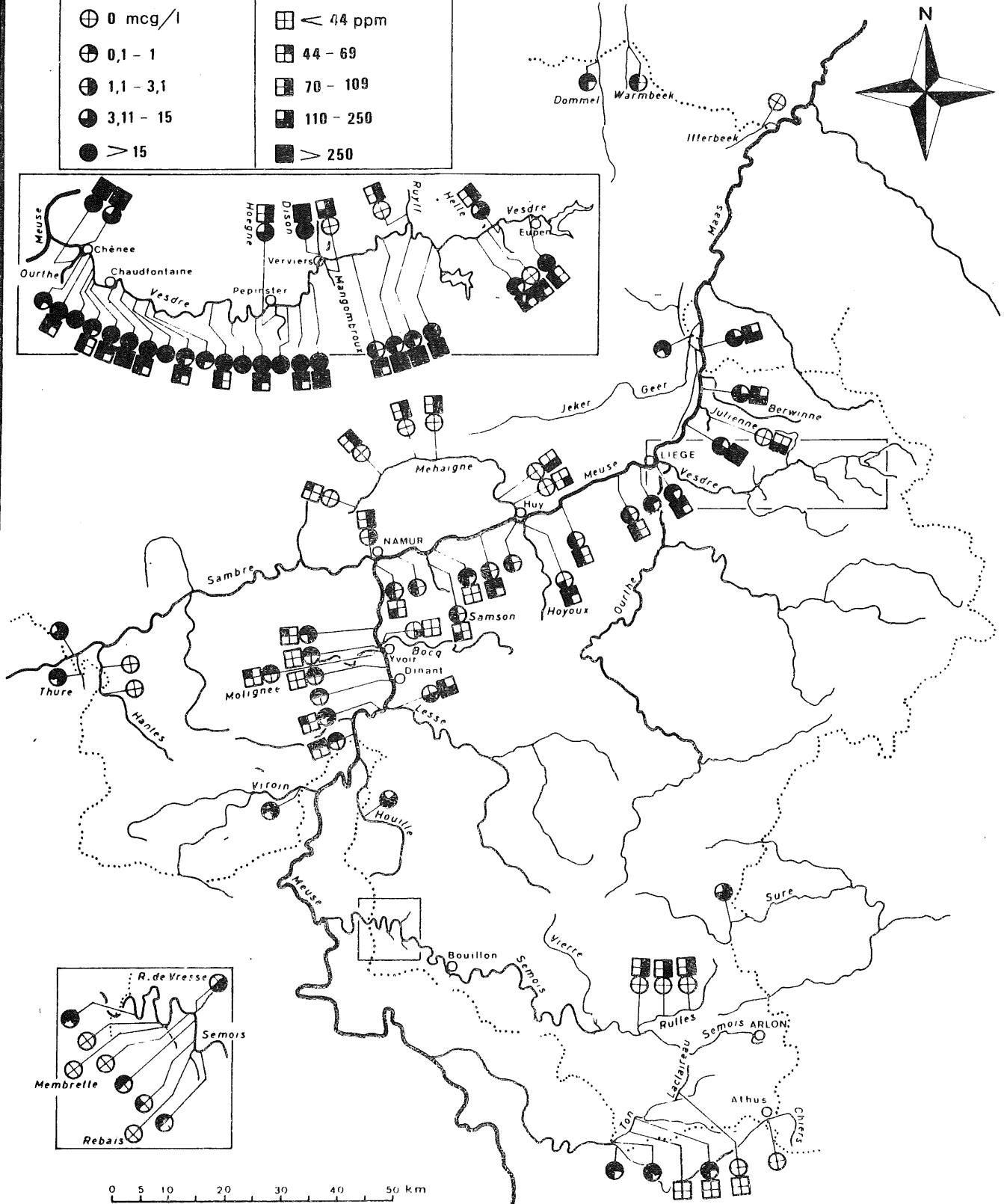
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Eau-Water

- ⊕ 0 mcg/l
- ⊕ 0,1 - 1
- ⊕ 1,1 - 3,1
- 3,11 - 15
- > 15

Sédiments-Sedimenten

- < 44 ppm
- ▣ 44 - 69
- ▣ 70 - 109
- ▣ 110 - 250
- > 250



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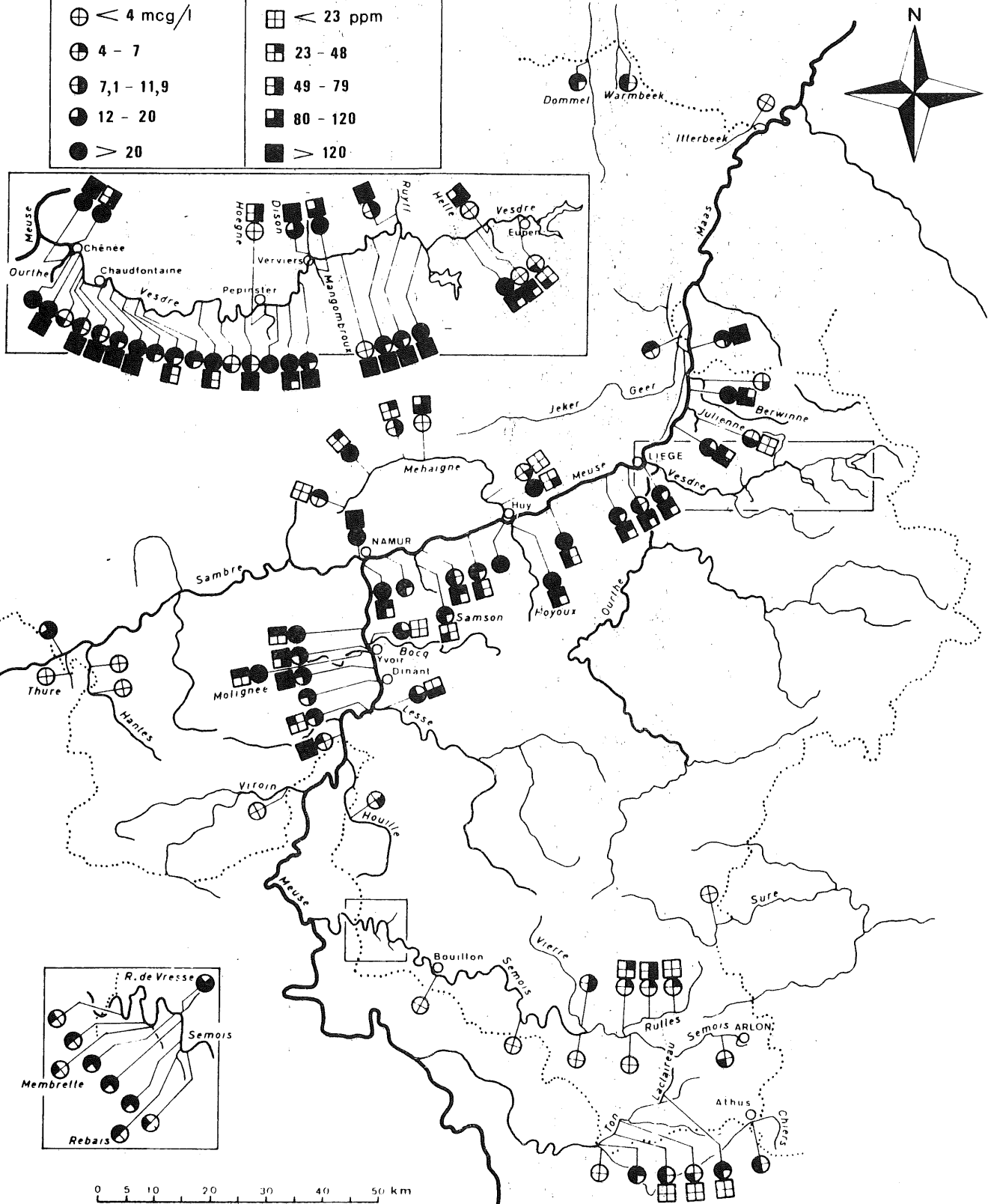
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Eau-Water

- ⊕ < 4 mcg/l
- ⊕ 4 - 7
- ⊕ 7,1 - 11,9
- ⊕ 12 - 20
- > 20

Sédiments-Sedimenten

- < 23 ppm
- ▣ 23 - 48
- ▣ 49 - 79
- ▣ 80 - 120
- > 120



0 5 10 20 30 40 50 km

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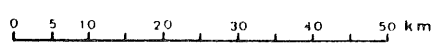
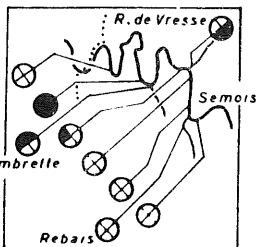
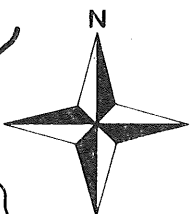
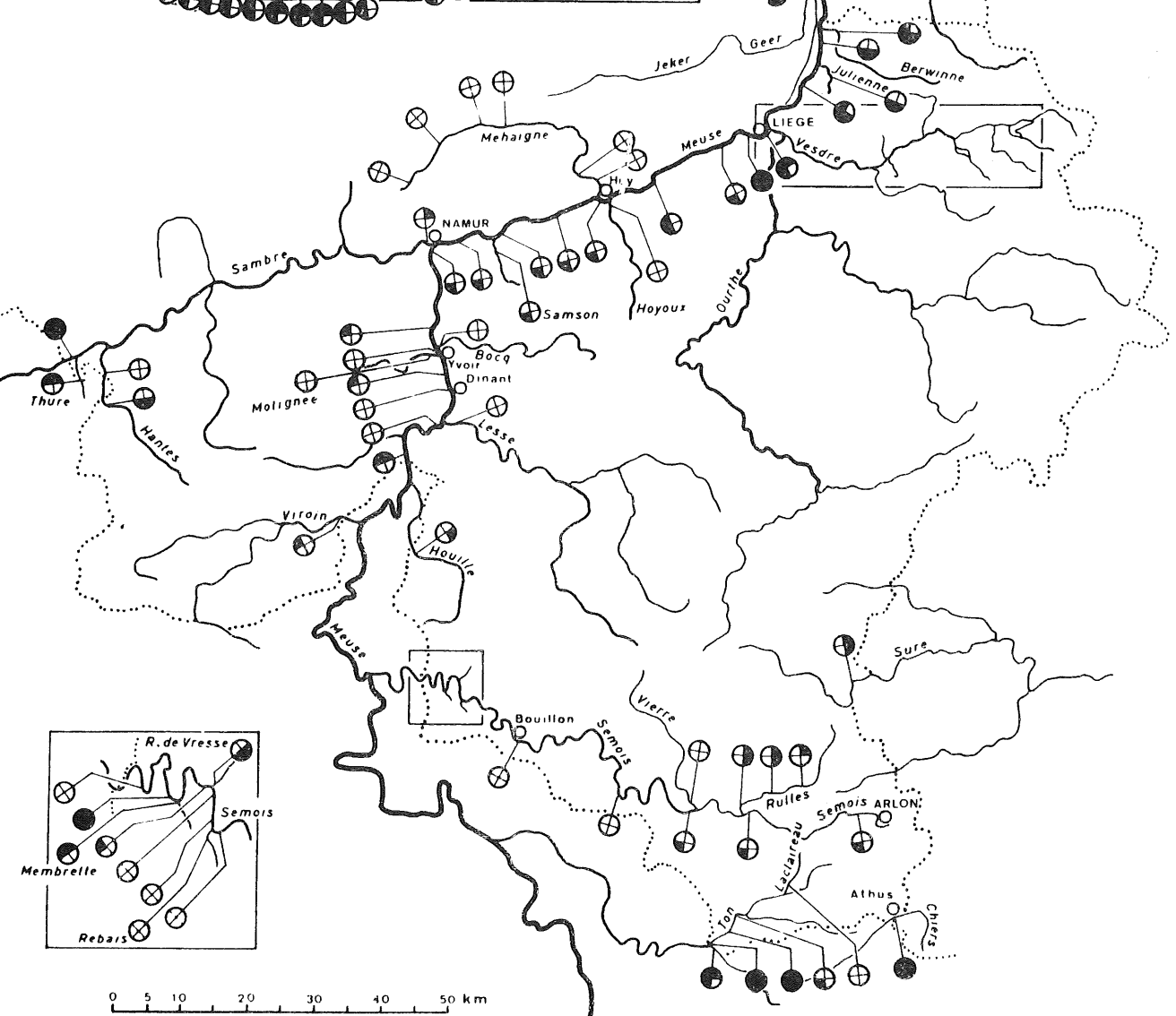
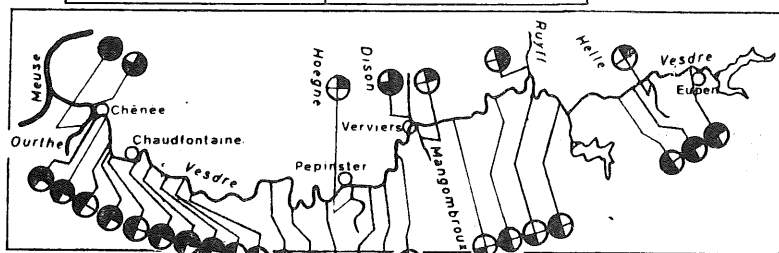
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Fe

Eau-Water

- ⊕ < 150 mcg/l
- ⊕ 150 - 250
- ⊕ 251 - 400
- ⊕ 401 - 750
- > 750



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Hg

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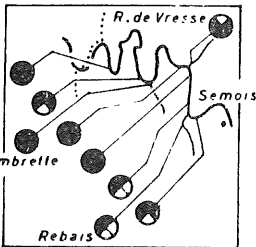
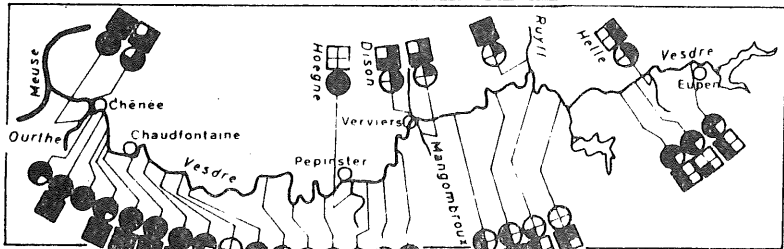
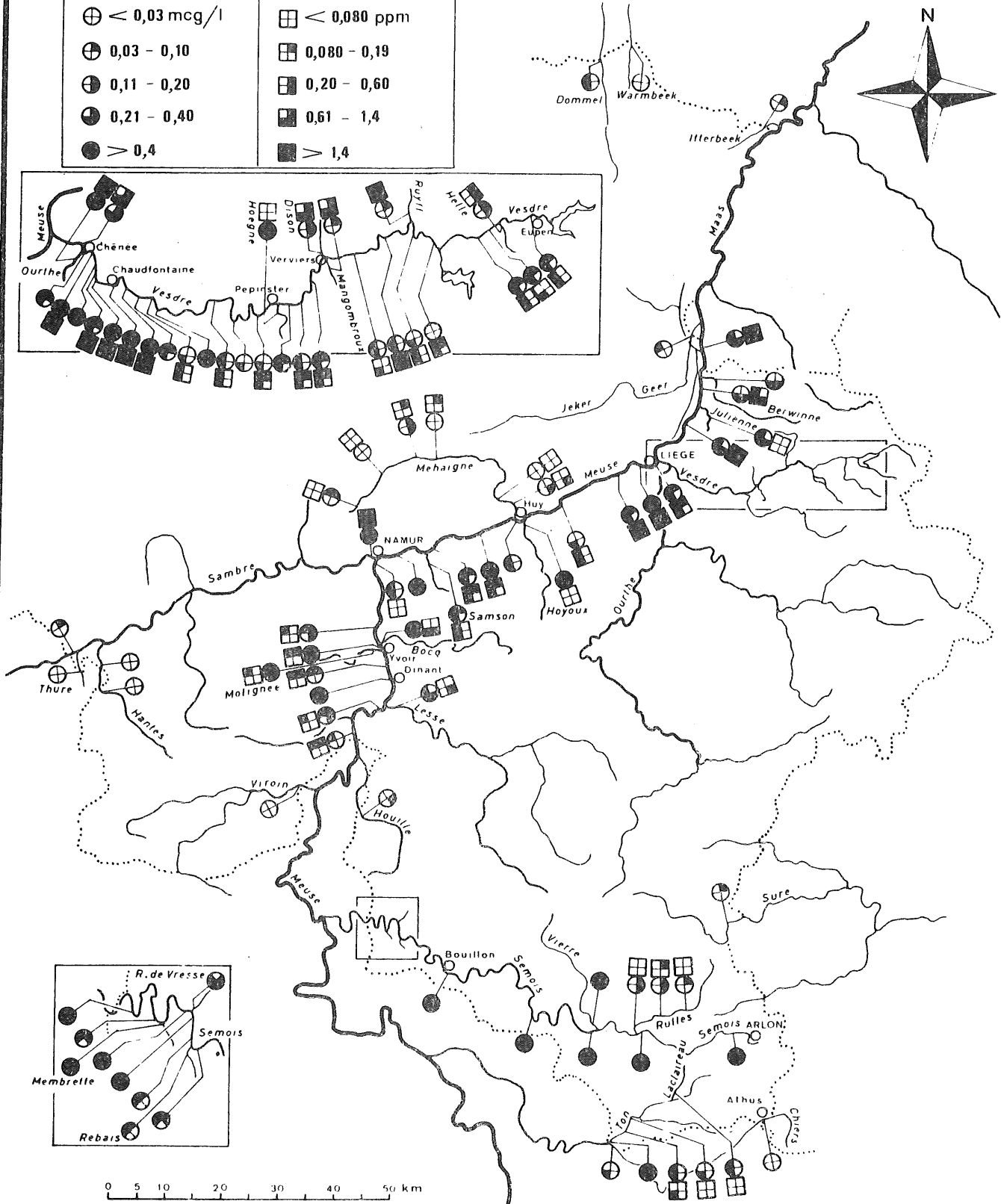
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Eau-Water

- ⊕ < 0,03 mcg/l
- ⊕ 0,03 - 0,10
- ⊕ 0,11 - 0,20
- ⊕ 0,21 - 0,40
- > 0,4

Sédiments-Sedimenten

- ⊕ < 0,080 ppm
- ⊕ 0,080 - 0,19
- ⊕ 0,20 - 0,60
- ⊕ 0,61 - 1,4
- ⊕ > 1,4



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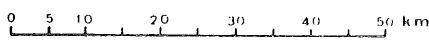
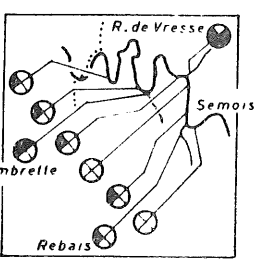
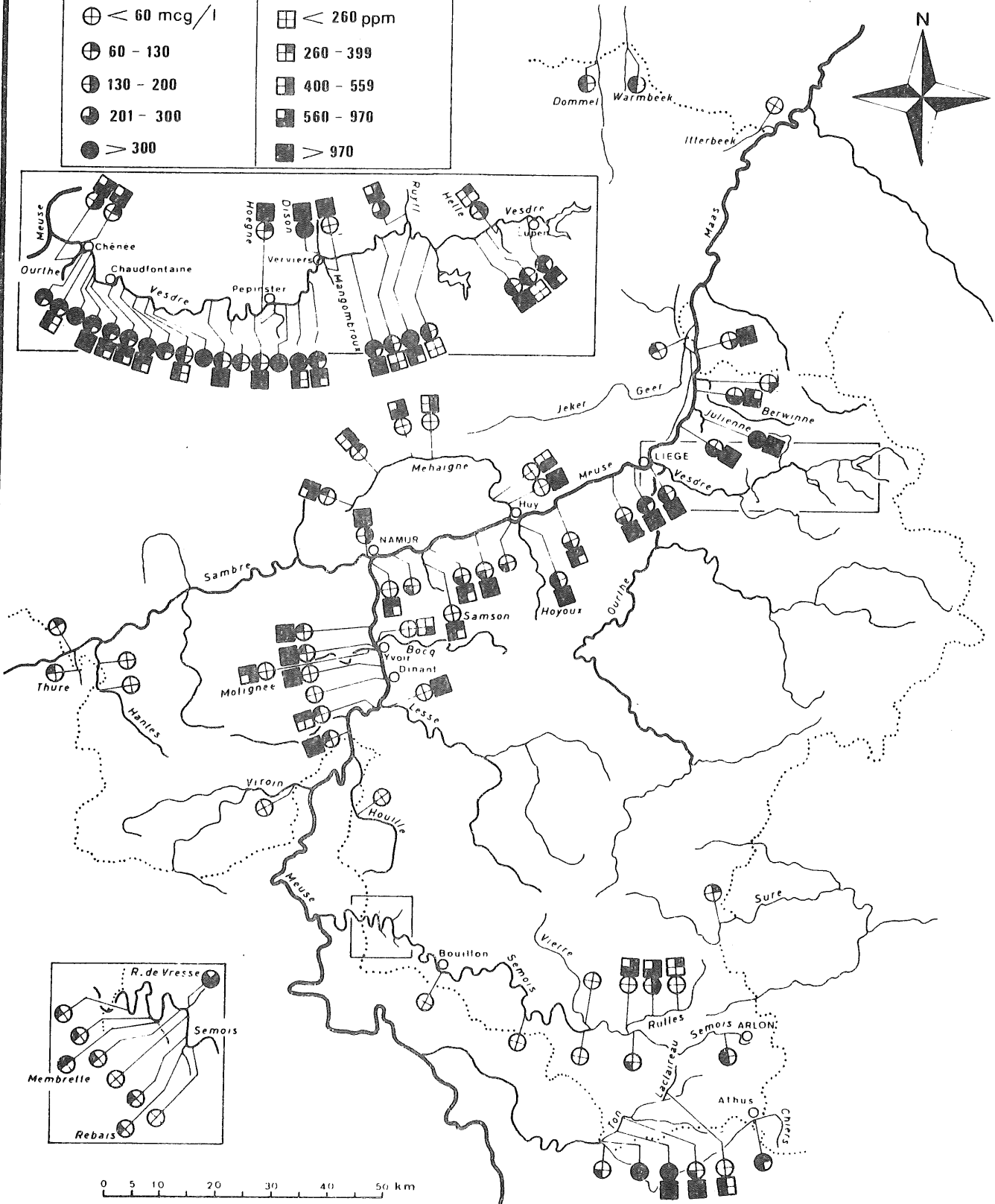
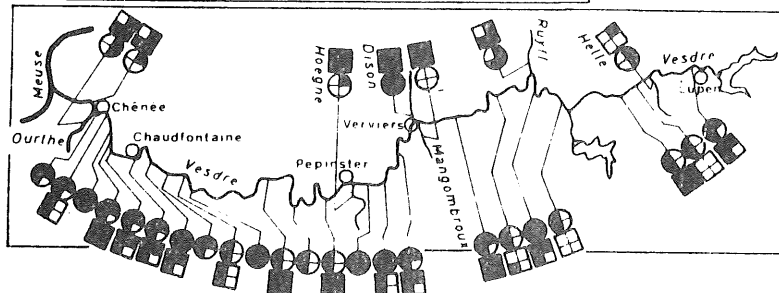
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Mn

N

Eau-Water	Sédiments-Sedimenten
⊕ < 60 mcg/l	⊕ < 260 ppm
⊕ 60 - 130	⊕ 260 - 399
⊕ 130 - 200	⊕ 400 - 559
⊕ 201 - 300	⊕ 560 - 970
● > 300	⊕ > 970



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Ni

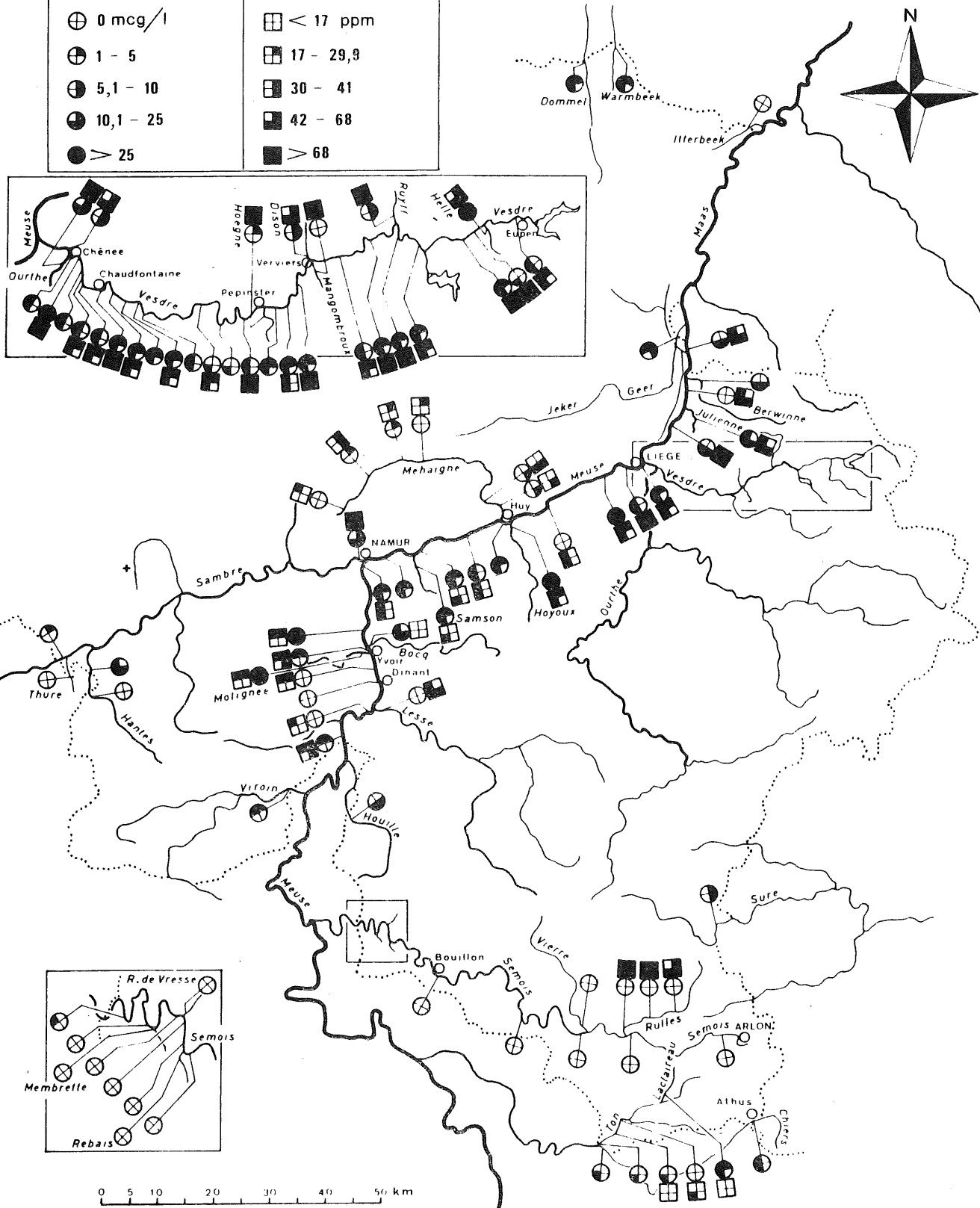
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Eau-Water

- ⊕ 0 mcg/l
- ⊕ 1 - 5
- ⊕ 5,1 - 10
- ⊕ 10,1 - 25
- > 25

Sédiments-Sedimenten

- ⊕ < 17 ppm
- ⊕ 17 - 29,9
- ⊕ 30 - 41
- ⊕ 42 - 68
- ⊕ > 68



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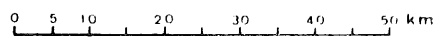
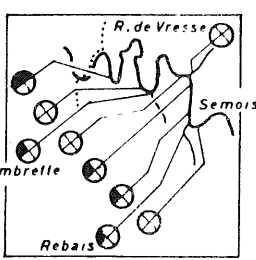
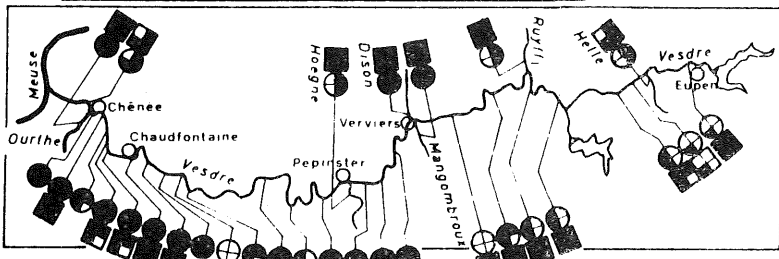
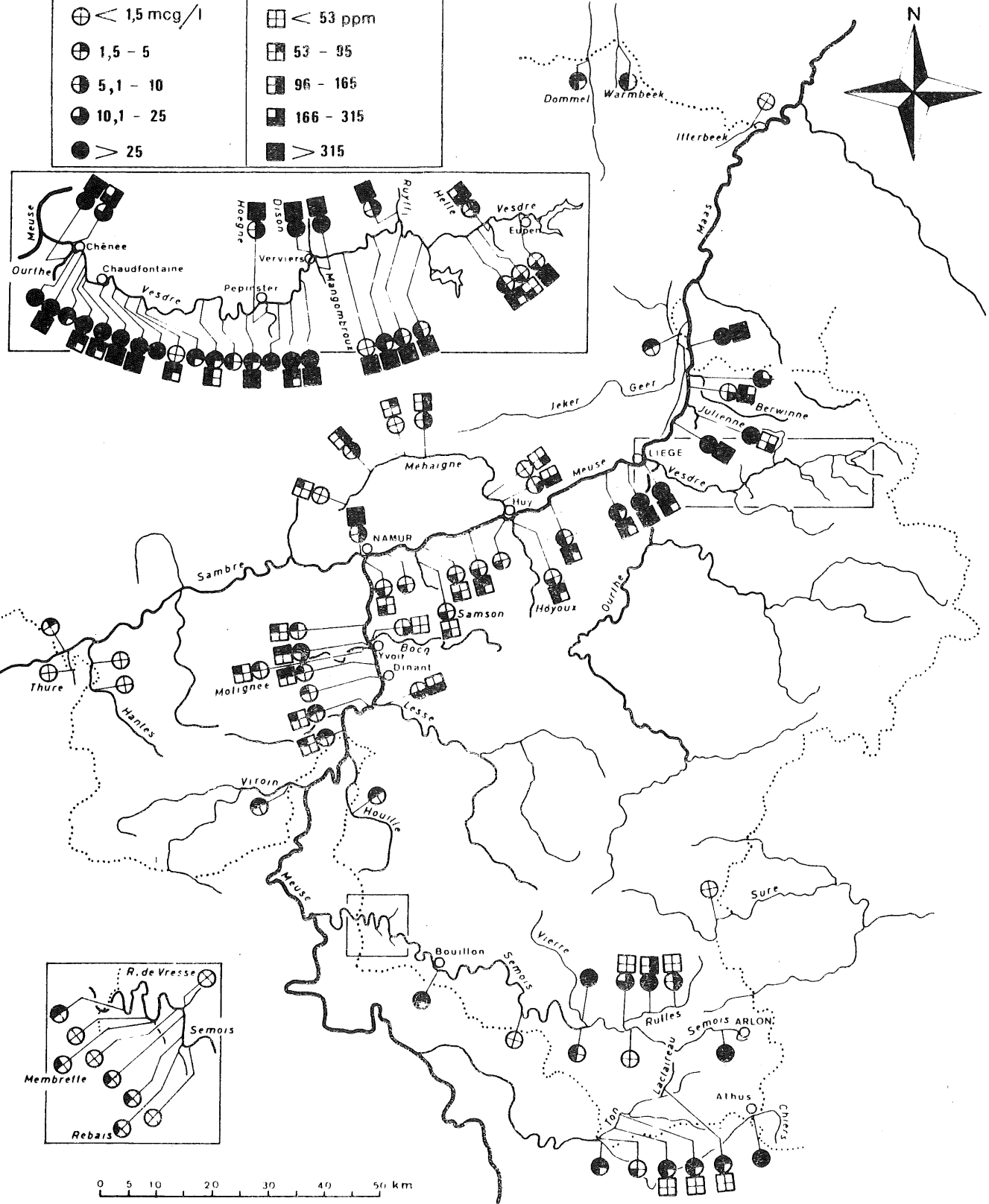
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Pb

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Eau-Water	Sédiments-Sedimenten
⊕ < 1,5 mcg/l	☐ < 53 ppm
⊕ 1,5 - 5	☐ 53 - 95
⊕ 5,1 - 10	☐ 96 - 165
⊕ 10,1 - 25	☐ 166 - 315
● > 25	☐ > 315



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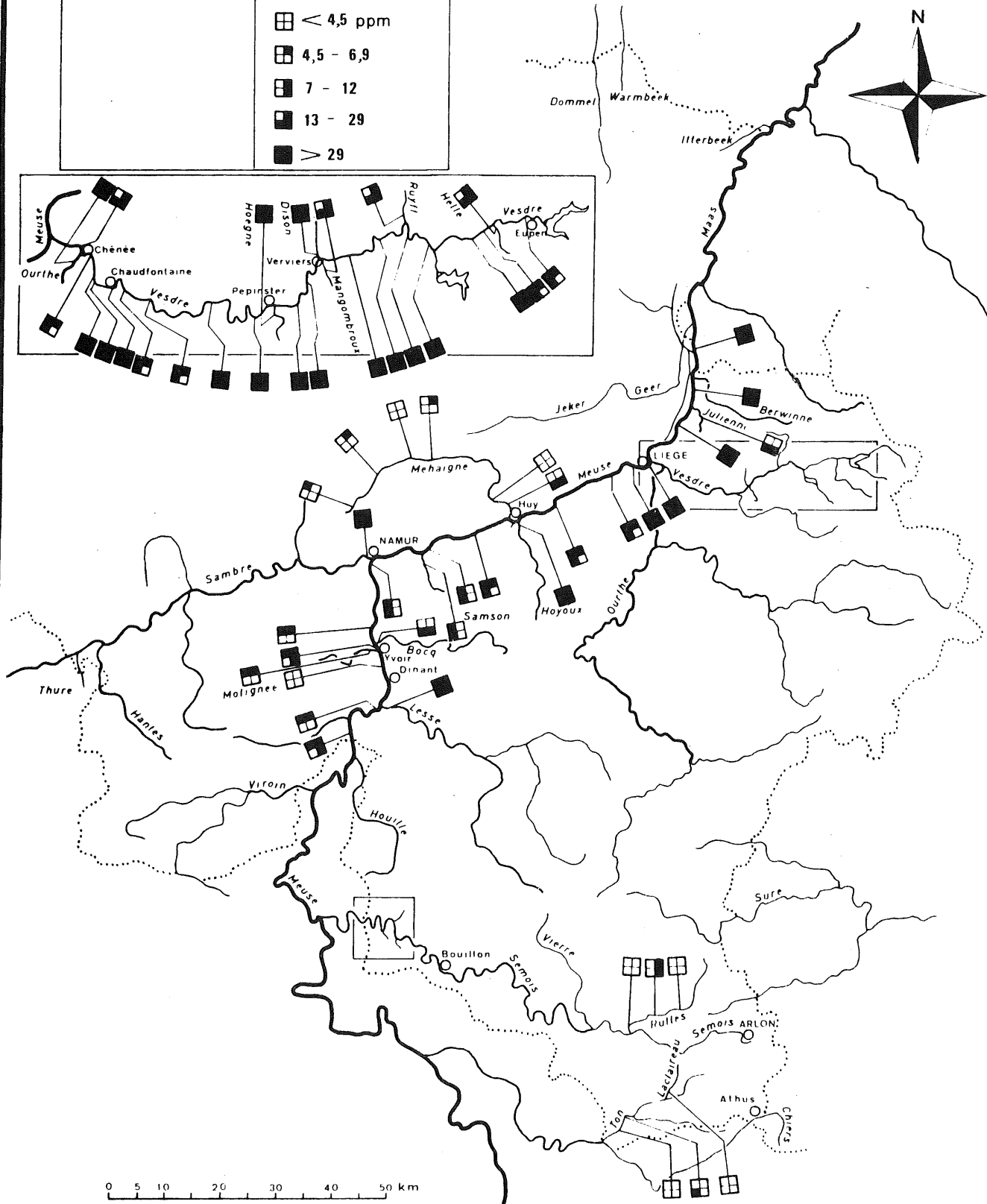
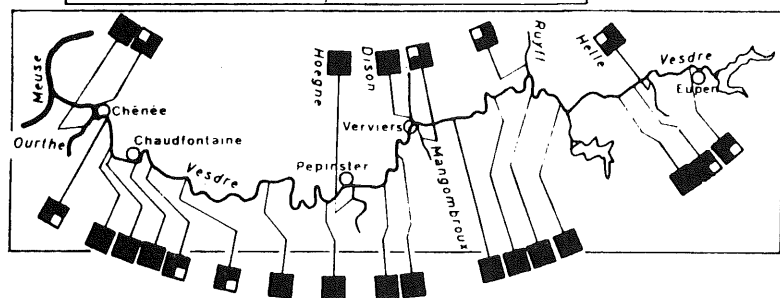
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Sn

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Sédiments-Sedimenten

-  < 4,5 ppm
-  4,5 - 6,9
-  7 - 12
-  13 - 29
-  > 29



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




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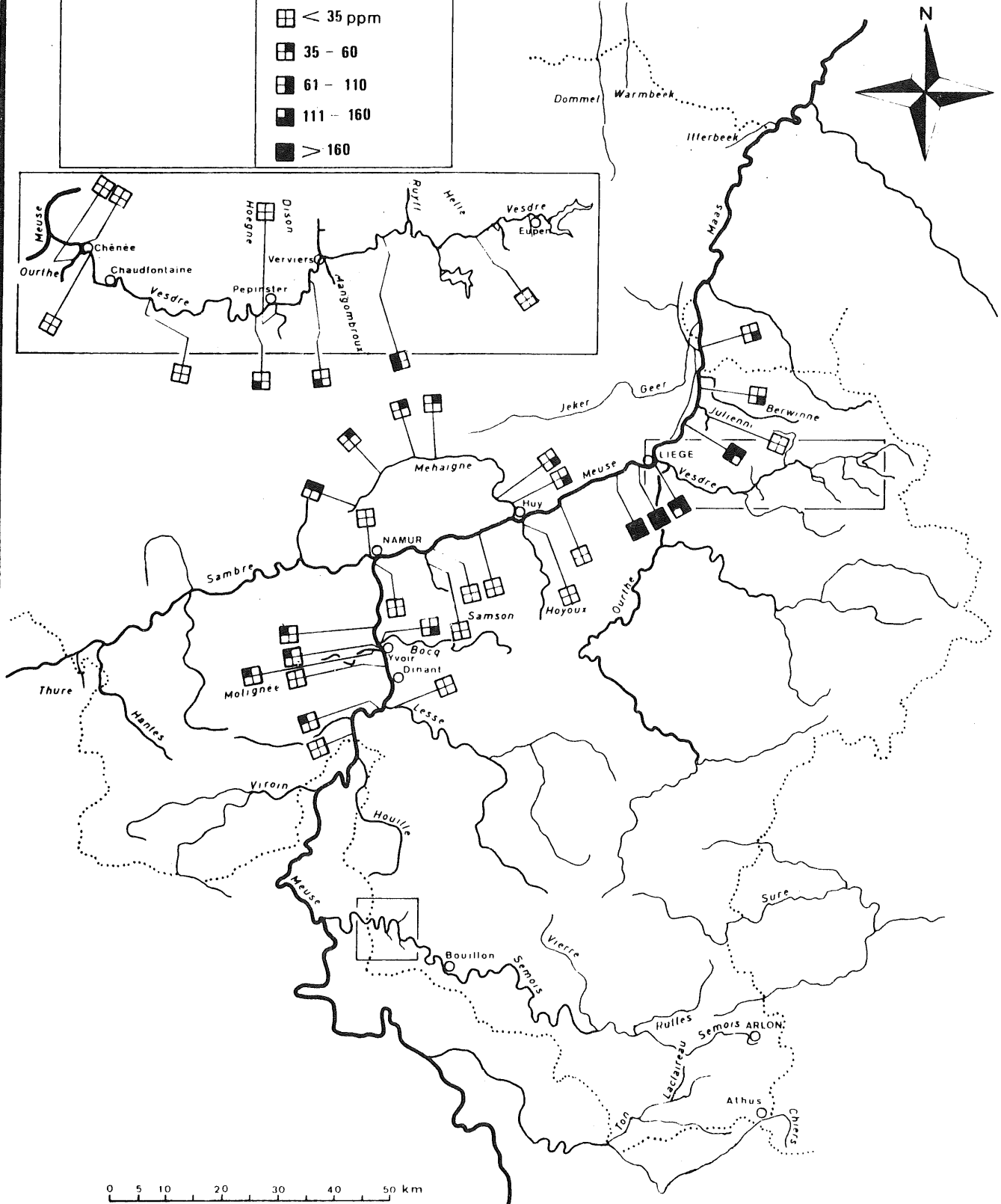
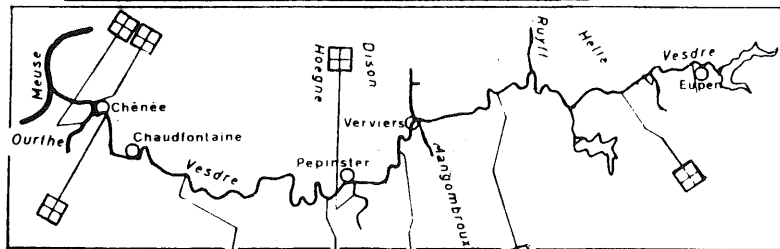
Sr

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Sédiments-Sedimenten

-  < 35 ppm
-  35 - 60
-  61 - 110
-  111 - 160
-  > 160



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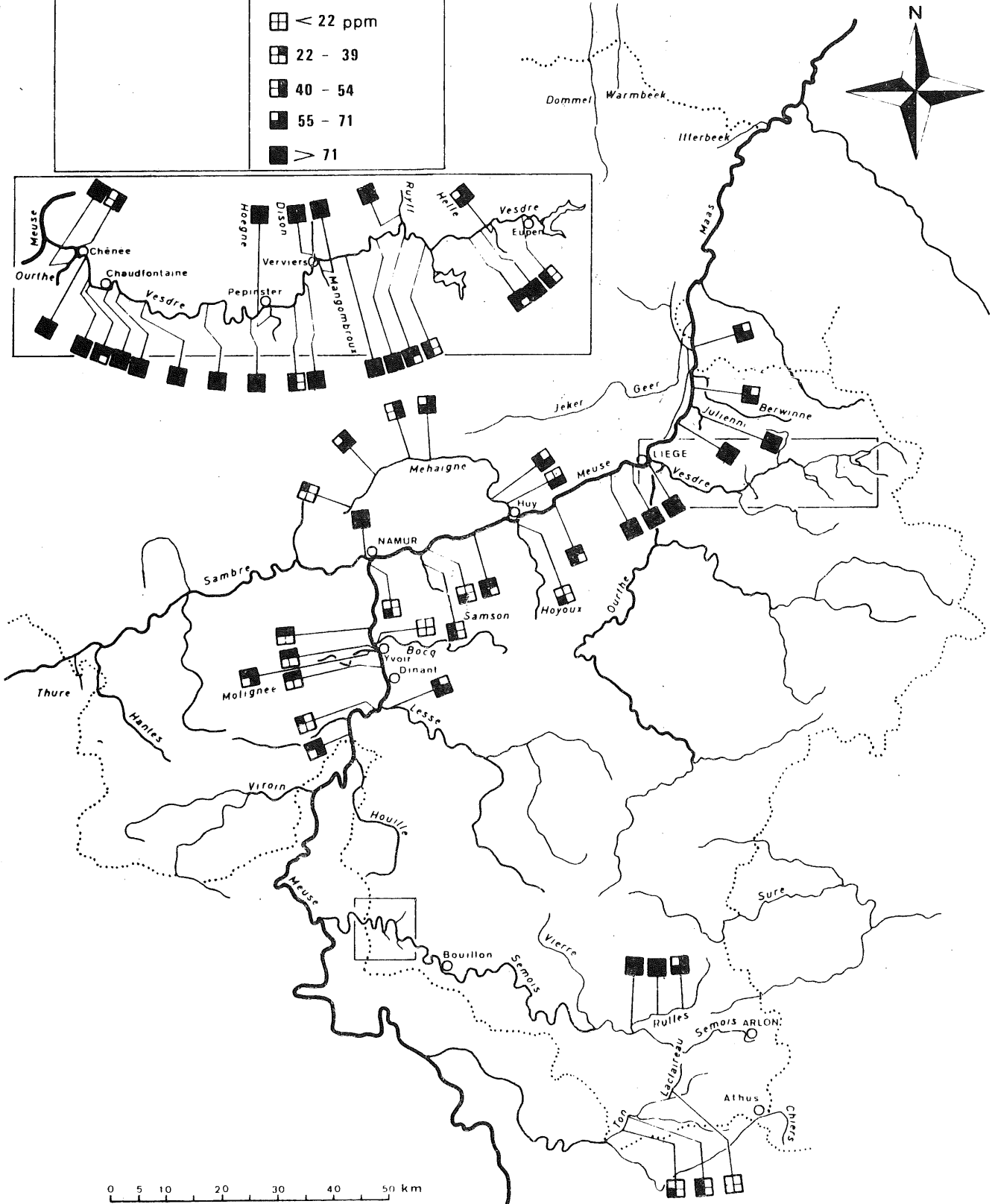
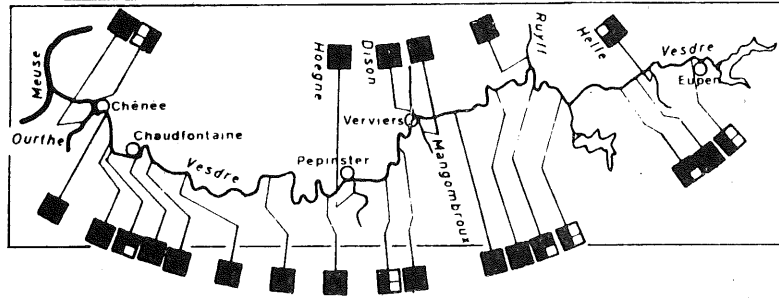
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Sédiments-Sedimenten

-  < 22 ppm
-  22 - 39
-  40 - 54
-  55 - 71
-  > 71



0 5 10 20 30 40 50 km

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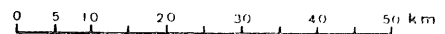
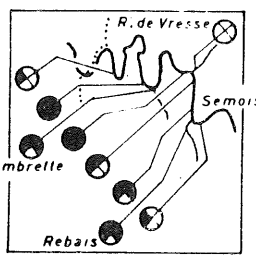
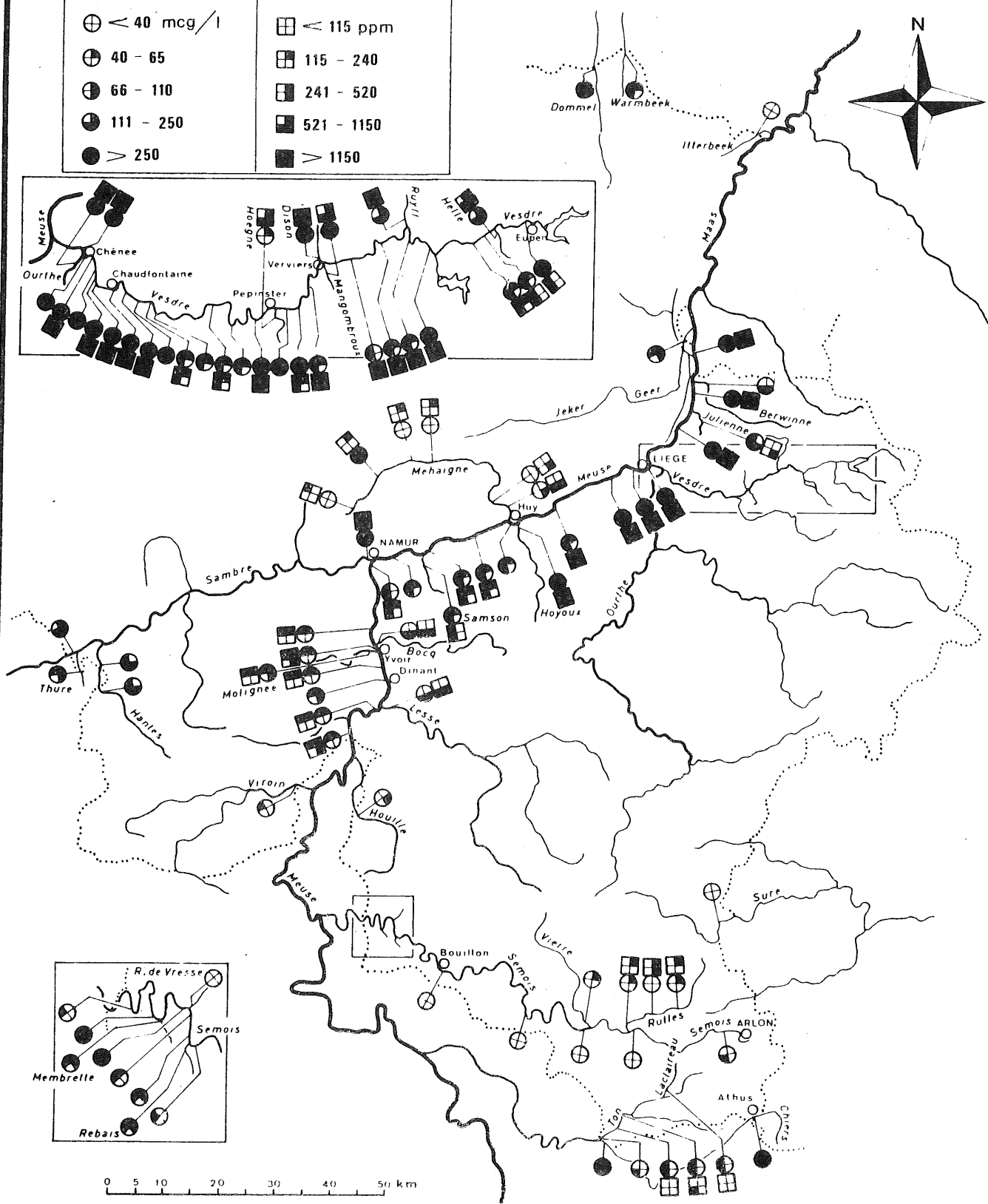
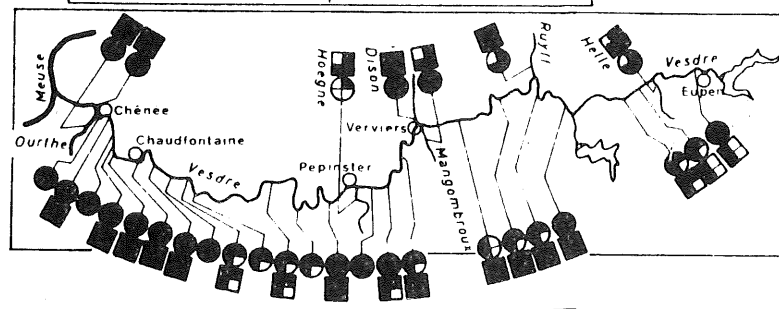
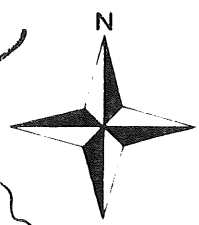
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Zn

Eau-Water	Sédiments-Sedimenten
⊕ < 40 mcg/l	☐ < 115 ppm
⊕ 40 - 65	☐ 115 - 240
⊕ 66 - 110	☐ 241 - 520
⊕ 111 - 250	☐ 521 - 1150
● > 250	☐ > 1150



Grupo inventaire C.I.P.S. M 15, M 22 I.C.W.B. inventaris groep

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MAAS EN BIJRIEVEN





1971-75

Institut d'Hygiène et d'Epidémiologie
Institut de Recherches Chimiques

Instituut voor Hygiene en Epidemiologie
Instituut voor Scheikundig Onderzoek

Zr

Sédiments-Sedimenten

-  < 220 ppm
-  221 - 339
-  340 - 424
-  425 - 530
-  > 530

