

European Invertebrate Survey
Cartographie des Invertébrés Européens
Erfassung der Europäischen Wirbellosen
Kartering van de Ongewervelde Dieren van Europe

Promoteurs : John HEATH (Monks Wood)
Jean LECLERCQ (Gembloux)

CONTRIBUTION BELGE

C.B.C.I.E.

Subventionnée par le
Fonds de la Recherche Fondamentale Collective

R A P P E L

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Pour noter la présence des espèces dans les divisions du quadrillage U.T.M., trois symboles sont utilisés :



données bibliographiques, l'auteur de la carte n'a pas vu le matériel correspondant ; presque toujours : observations antérieures à 1940 ;



captures ou observations antérieures à 1950, publiées ou non, mais certifiées exactes par l'auteur de la carte ;



captures ou observations à partir de 1950 , publiées ou non, mais certifiées exactes par l'auteur de la carte.

R E P E R T O I R E

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CARTES 601 à 680 - Hymenoptera Apoidea Andrenidae, par Jean LECLERCQ

Nomenclature : WARNCKE (Eos, 43, 1967, p. 171 ; Mem.e Est.Mus. Zool. Univ. Coimbra, n° 307, 1968 ; Nachrichtenblatt Bayer. Ent., 19, 1970, p. 28).

Aux sources habituelles du fichier de Gembloux (bibliographie belge; collections de la Faculté des Sciences Agronomiques de Gembloux, de l'Institut royal des Sciences naturelles, de M.J. PETIT, etc...), il faut ajouter des données communiquées par le Fr. V. LEFEBER (Maastricht), l'inventaire de la collection P. MARECHAL (Université de Liège) et, pour le Nord-Ouest de la France, les localités signalées par E.CAVRO (1950). Il faut aussi remercier le Dr. K. WARNCKE (Dachau) qui a pris soin de certaines déterminations.

- 601 - Andrena (Chlorandrena) humilis IMHOFF
- 602 - Andrena (Lepidandrena) curvungula THOMSON
- 603 - Andrena (Lepidandrena) pandellei PEREZ
- 604 - Andrena (Poecilandrena) labiata FABRICIUS
- 605 - Andrena (Poecilandrena) potentillae PANZER
- 606 - Andrena (Poecilandrena) viridescens VIERECK
- 607 - Andrena (Stenomelissa) coitana (KIRBY)
- 608 - Andrena (Charitandrena) hattorfiana (FABRICIUS)

- 609 - *Andrena* (*Plastandrena*) *bimaculata* (KIRBY)
610 - *Andrena* (*Plastandrena*) *carbonaria* (L.)
611 - *Andrena* (*Plastandrena*) *tibialis* (KIRBY)
612 - *Andrena* (*Agandrena*) *agilissima* (SCOPOLI)
613 - *Andrena* (*Micrandrena*) *anthrisci* BLÜTHGEN
614 - *Andrena* (*Micrandrena*) *falsifica* PERKINS
615 - *Andrena* (*Micrandrena*) *floricola* EVERSMANN
616 - *Andrena* (*Micrandrena*) *minutula* (KIRBY)
617 - *Andrena* (*Micrandrena*) *minutuloides* PERKINS
618 - *Andrena* (*Micrandrena*) *nana* (KIRBY)
619 - *Andrena* (*Micrandrena*) *niveata* FRIESE
620 - *Andrena* (*Micrandrena*) *proxima* (KIRBY)
621 - *Andrena* (*Micrandrena*) *saundersella* PERKINS
622 - *Andrena* (*Micrandrena*) *spretata* PEREZ ssp. *pusilla* PEREZ
623 - *Andrena* (*Micrandrena*) *strohella* STOECKHERT
624 - *Andrena* (*Micrandrena*) *subopaca* NYLANDER
625 - *Andrena* (*Distandrena*) *obsoleta* PEREZ (= *distinguenda*
SCHENCK 1871 nec 1853, SCHMIEDEKNECHT, 1930)
626 - *Andrena* (*Biareolina*) *haemorrhoea* (FABRICIUS)
627 - *Andrena* (*Chrysandrena*) *fulvago* (CHRIST)
628 - *Andrena* (*Poliandrena*) *florea* FABRICIUS
629 - *Andrena* (*Poliandrena*) *polita* SMITH
630 - *Andrena* (*Poliandrena*) *tarsata* NYLANDER
631 - *Andrena* (*Holandrena*) *labialis* (KIRBY)
632 - *Andrena* (*Opandrena*) *schencki* MORAWITZ
633 - *Andrena* (*Zonandrena*) *chrysopyga* SCHENCK
634 - *Andrena* (*Zonandrena*) *flavipes* PANZER
635 - *Andrena* (*Zonandrena*) *gravida* IMHOFF
636 - *Andrena* (*Taeniandrena*) *gelriae* Van der VECHT
637 - *Andrena* (*Taeniandrena*) *intermedia* THOMSON
638 - *Andrena* (*Taeniandrena*) *lathyri* ALFKEN
639 - *Andrena* (*Taeniandrena*) *ocreata* (CHRIST) (= *similis*
SMITH, = *russula* LEPELETIER ssp. *similis*)
640 - *Andrena* (*Taeniandrena*) *ovatula* (KIRBY) (incl.
albofasciata THOMSON)
641 - *Andrena* (*Taeniandrena*) *wilkella* (KIRBY)
642 - *Andrena* (*Melandrena*) *cineraria* (L.)
643 - *Andrena* (*Melandrena*) *limata* SMITH
644 - *Andrena* (*Melandrena*) *nigroaenea* (KIRBY)
645 - *Andrena* (*Melandrena*) *nitida* (MÜLLER) ssp. *pubescens*
OLIVIER

- 646 - *Andrena* (*Melandrena*) *thoracica* (FABRICIUS)
 647 - *Andrena* (*Melandrena*) *vaga* PANZER
 648 - *Andrena* (*Euandrena*) *bicolor* FABRICIUS
 649 - *Andrena* (*Euandrena*) *fulvida* SCHENCK
 650 - *Andrena* (*Euandrena*) *ruficrus* NYLANDER
 651 - *Andrena* (*Simandrena*) *combinata* (CHRIST)
 652 - *Andrena* (*Simandrena*) *dorsata* (KIRBY)
 653 - *Andrena* (*Simandrena*) *dorsata* ssp. *propinqua* SCHENCK
 654 - *Andrena* (*Ptilandrena*) *angustior* (KIRBY)
 655 - *Andrena* (*Margandrena*) *marginata* FABRICIUS
 656 - *Andrena* (*Hoplandrena*) *ferox* SMITH
 657 - *Andrena* (*Hoplandrena*) *rosae* PANZER
 658 - *Andrena* (*Hoplandrena*) *sabulosa* (SCOPOLI) (= *jacobi* PERKINS, = *carantonica* PEREZ)
 659 - *Andrena* (*Notandrena*) *chrysoscelis* (KIRBY)
 660 - *Andrena* (*Notandrena*) *nitidiuscula* SCHENCK
 661 - *Andrena* (*Leucandrena*) *argentata* SMITH
 662 - *Andrena* (*Leucandrena*) *barbilabris* (KIRBY)
 663 - *Andrena* (*Parandrena*) *ventralis* IMHOFF
 664 - *Andrena* (*Cnemidandrena*) *denticulata* (KIRBY)
 665 - *Andrena* (*Cnemidandrena*) *fuscipes* (KIRBY)
 666 - *Andrena* (*Cnemidandrena*) *nigriceps* (KIRBY)
 667 - *Andrena* (*Andrena*) *apicata* SMITH
 668 - *Andrena* (*Andrena*) *clarkella* (KIRBY)
 669 - *Andrena* (*Andrena*) *fucata* SMITH
 670 - *Andrena* (*Andrena*) *fulva* (MÜLLER) (= *fulva* SCHRANK, = *armata* GMELIN)
 671 - *Andrena* (*Andrena*) *helvola* (L.)
 672 - *Andrena* (*Andrena*) *lapponica* ZETTERSTEDT
 673 - *Andrena* (*Andrena*) *mitis* SCHMIEDEKNECHT
 674 - *Andrena* (*Andrena*) *nycthemera* IMHOFF
 675 - *Andrena* (*Andrena*) *praecox* (SCOPOLI)
 676 - *Andrena* (*Andrena*) *synadelpha* PERKINS
 677 - *Andrena* (*Andrena*) *varians* (ROSSI)
 678 - *Panurgus banksianus* (KIRBY)
 679 - *Panurgus calcaratus* (SCOPOLI)
 680 - *Panurgus dentipes* LATREILLE

CARTE 681 - Somme des données concernant les Hyménoptères Apoïdes Andrenides, (Cartes 601 à 680) , par Christian WONVILLE

CARTES 682 à 683 - Hymenoptera Apoidea Xylocopidae, par Jean LECLERCQ

682 - *Ceratina cyanea* (KIRBY)

683 - *Xylocopa violacea* (L.)

CARTES 684 à 700 - Diptera Syrphidae, par Marcel LECLERCQ

Sources : Travaux de M. Leclercq : Arch.Inst. Grand-Ducal
Luxembourg, Sci. nat., phys. et math., 22, 1955, p. 147,
Mém.Soc.R.Ent.Belg., 27, 1955, p. 343, Bull. & Ann. Soc. R.
Ent. Belg., 92, 1956, p. 311, 100, 1964, p. 93, et addi-
tions subséquentes, surtout le matériel des collections de
la Faculté des Sciences Agronomiques de Gembloux.

684 - *Volucella inflata* F.

685 - *Volucella inanis* L.

686 - *Volucella bombylans haemorrhoidalis* ZETTERSTEDT

687 - *Volucella bombylans bombylans* L.

688 - *Volucella bombylans plumata* DE GEER

689 - *Volucella pellucens* L.

690 - *Volucella zonaria* PODA

691 - *Xylota xanthocnema* (COLLIN)

692 - *Xylota nemorum* (F.)

693 - *Xylota lenta* (MEIGEN)

694 - *Xylota ignava* (PANZER)

695 - *Xylota florum* (F.)

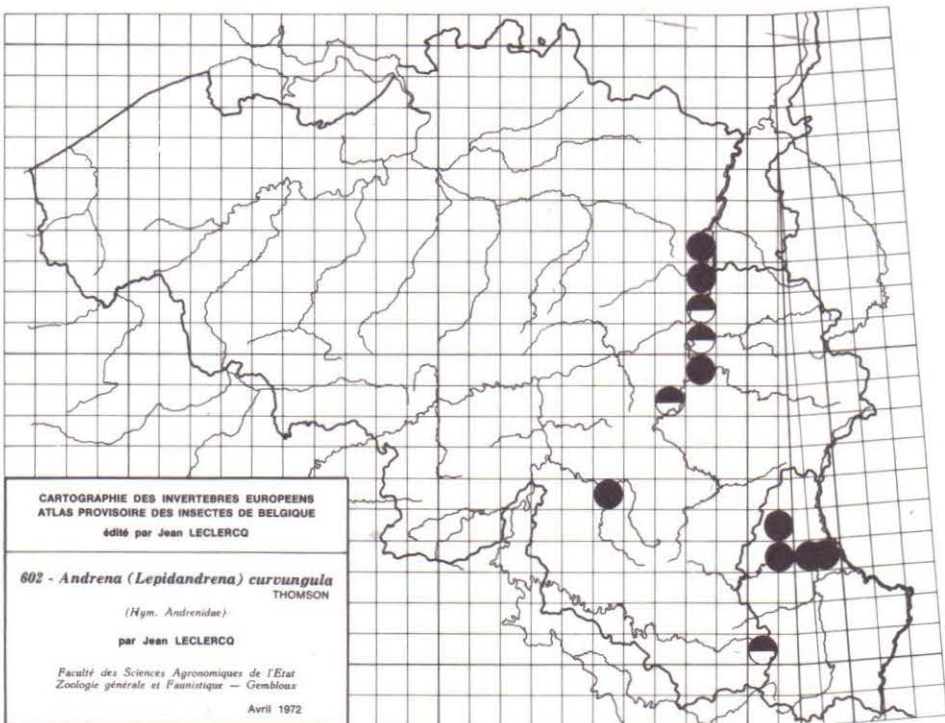
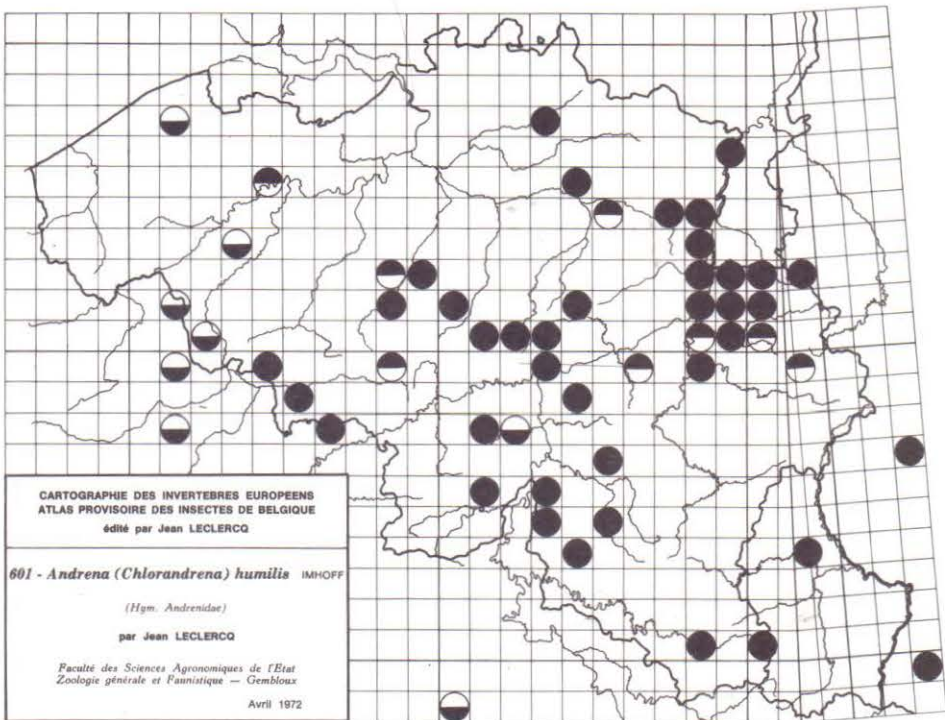
696 - *Xylota femorata* (L.)

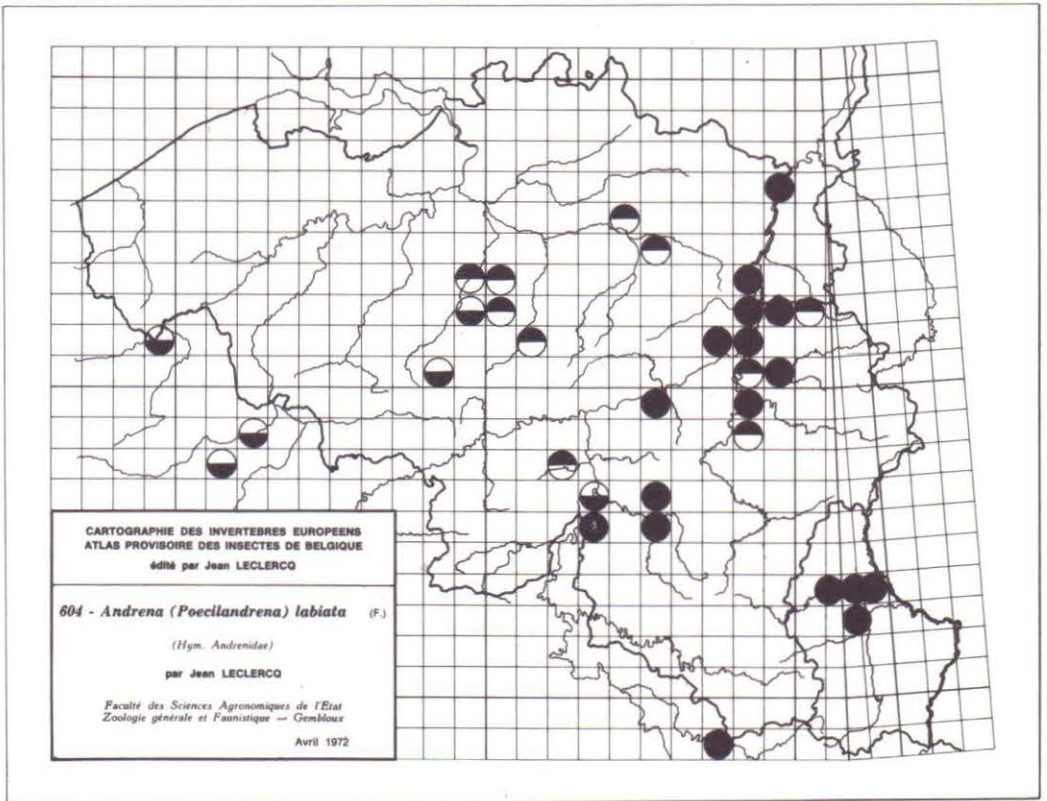
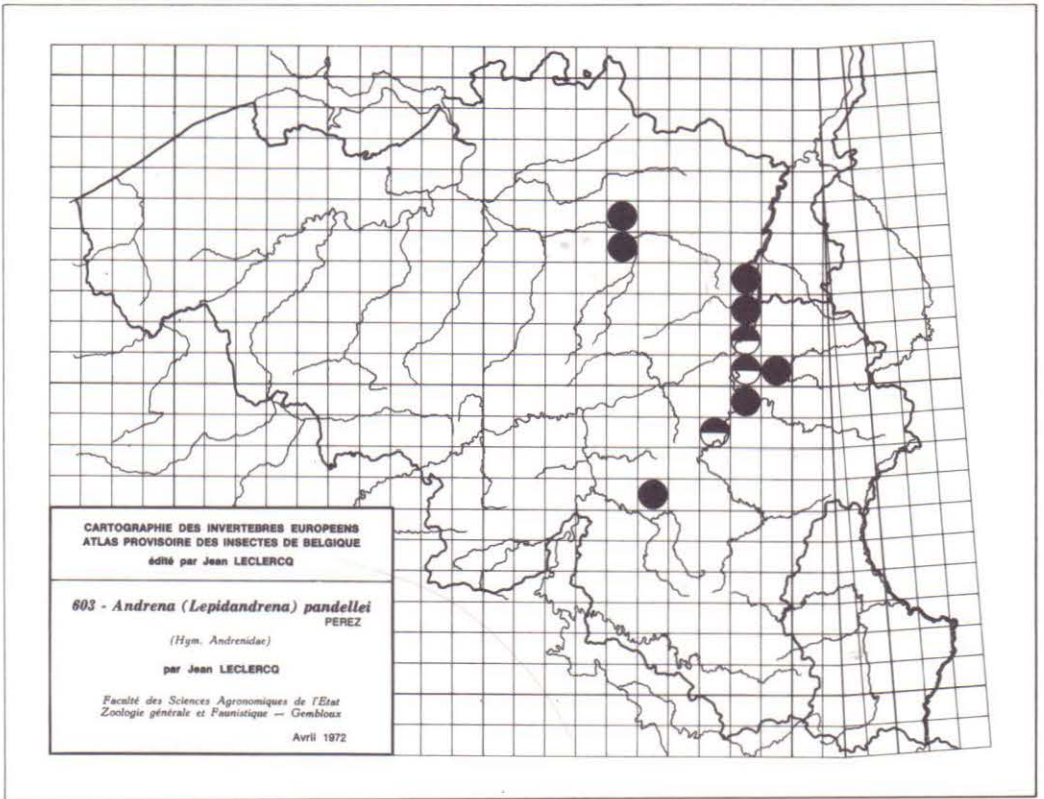
697 - *Xylota curvipes* (LOEW)

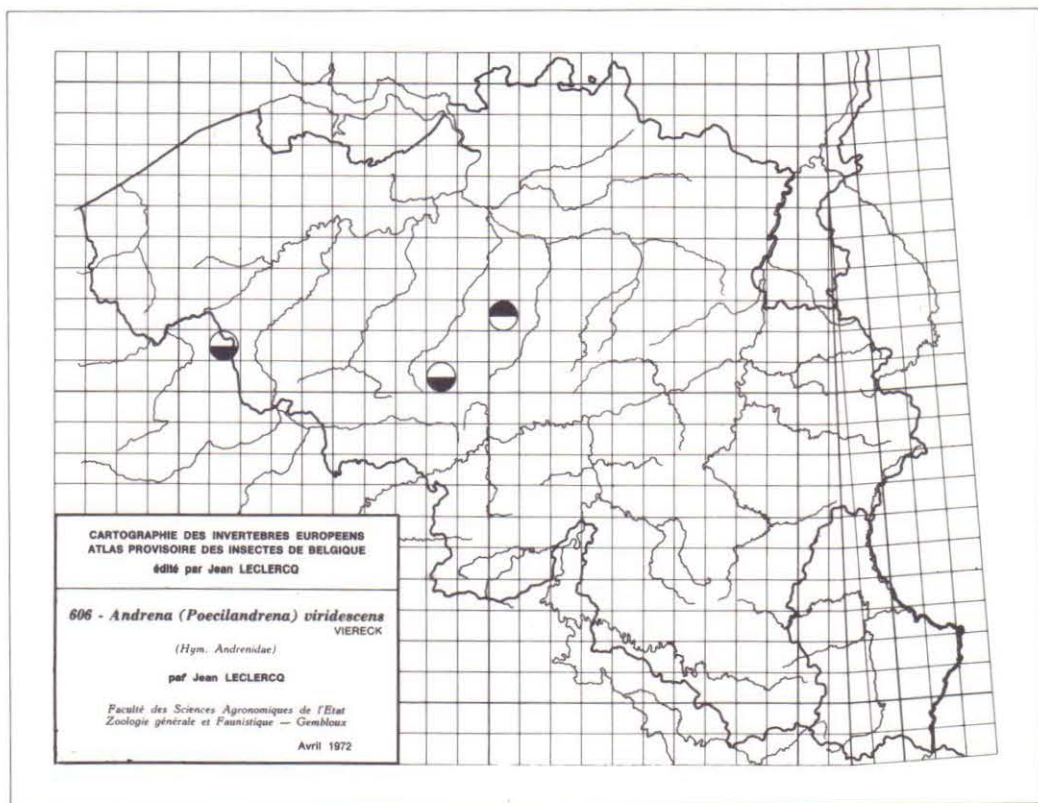
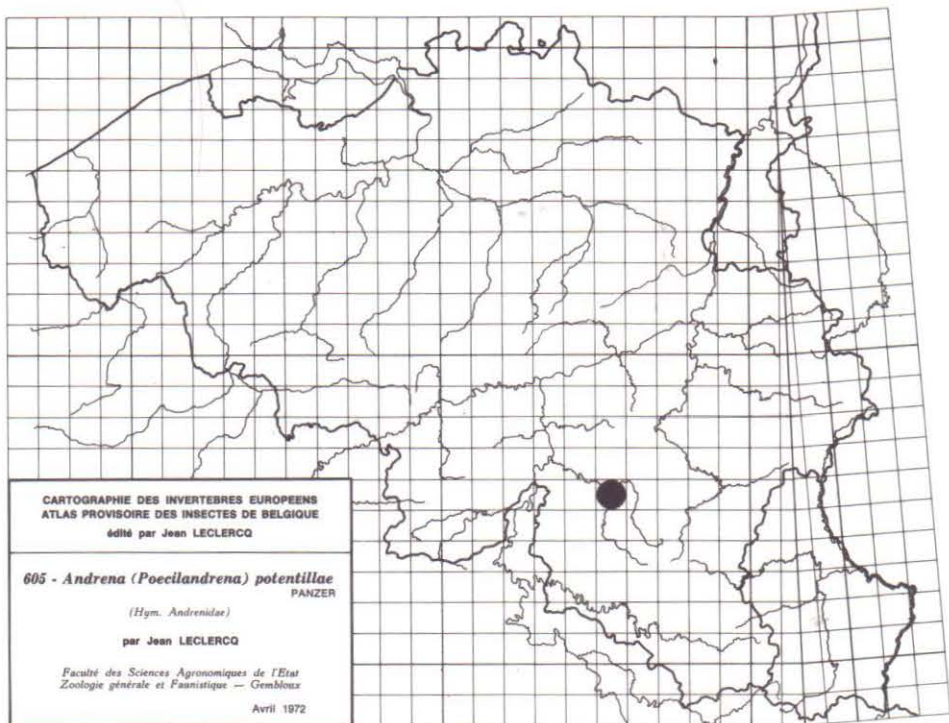
698 - *Xylota abiens* (MEIGEN)

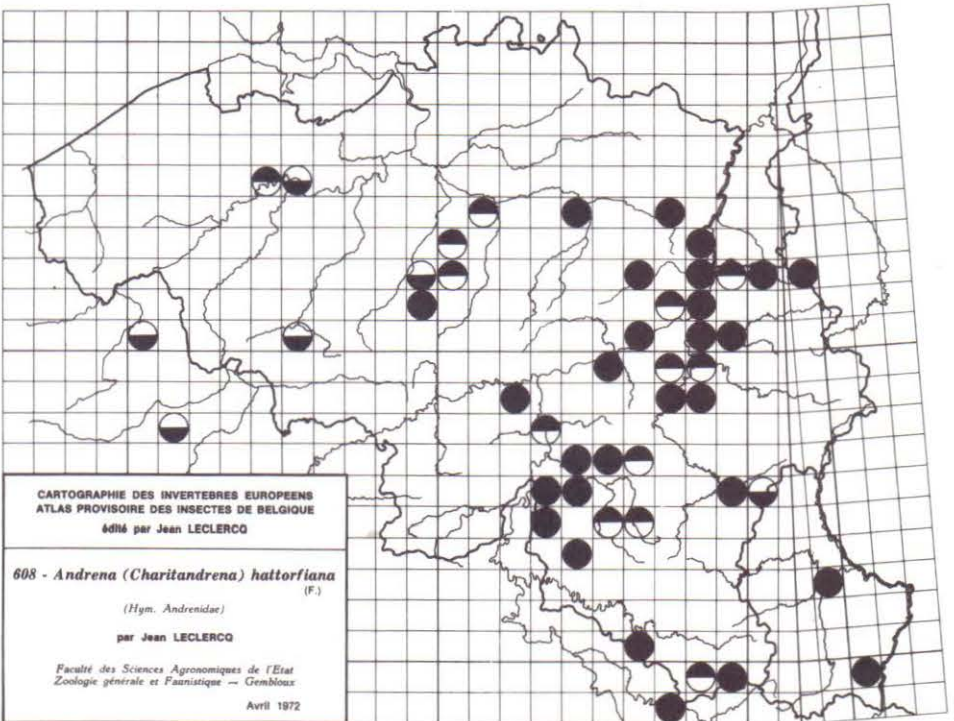
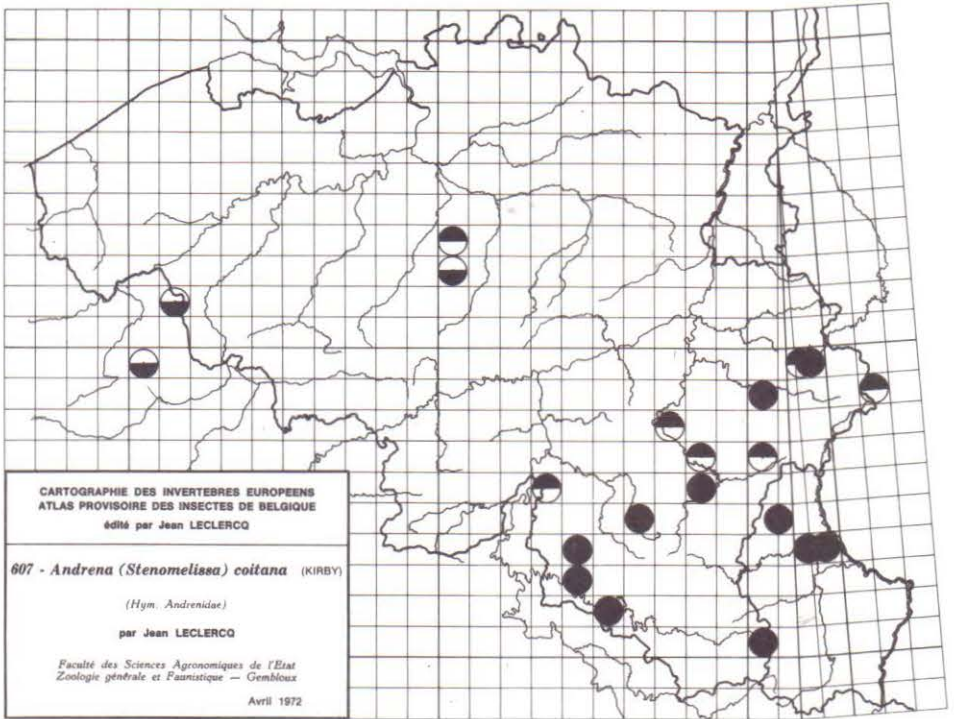
699 - *Xylota segnis* (L.)

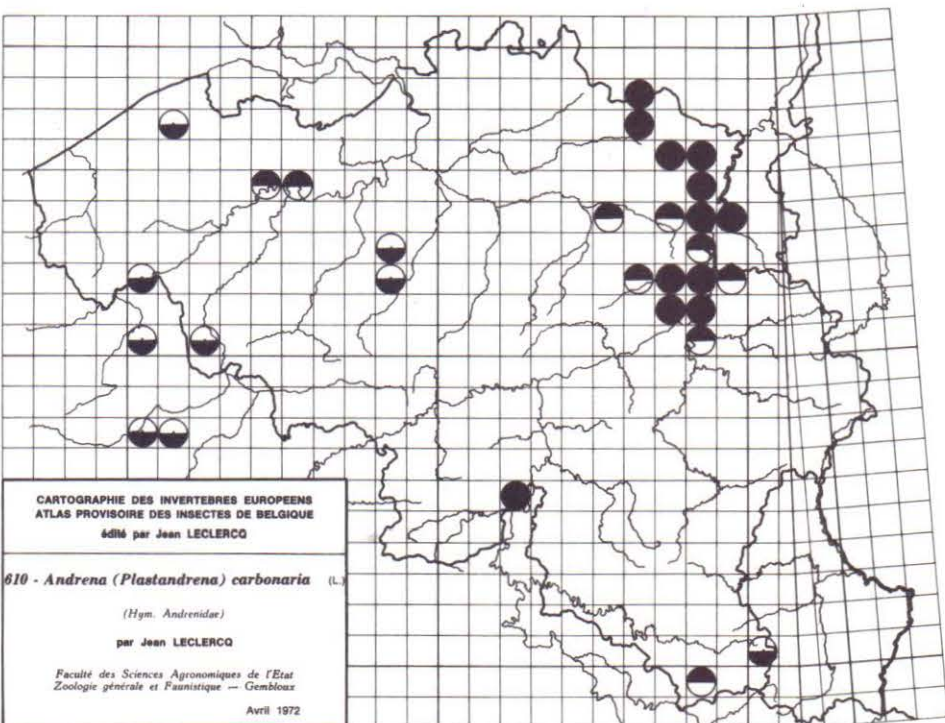
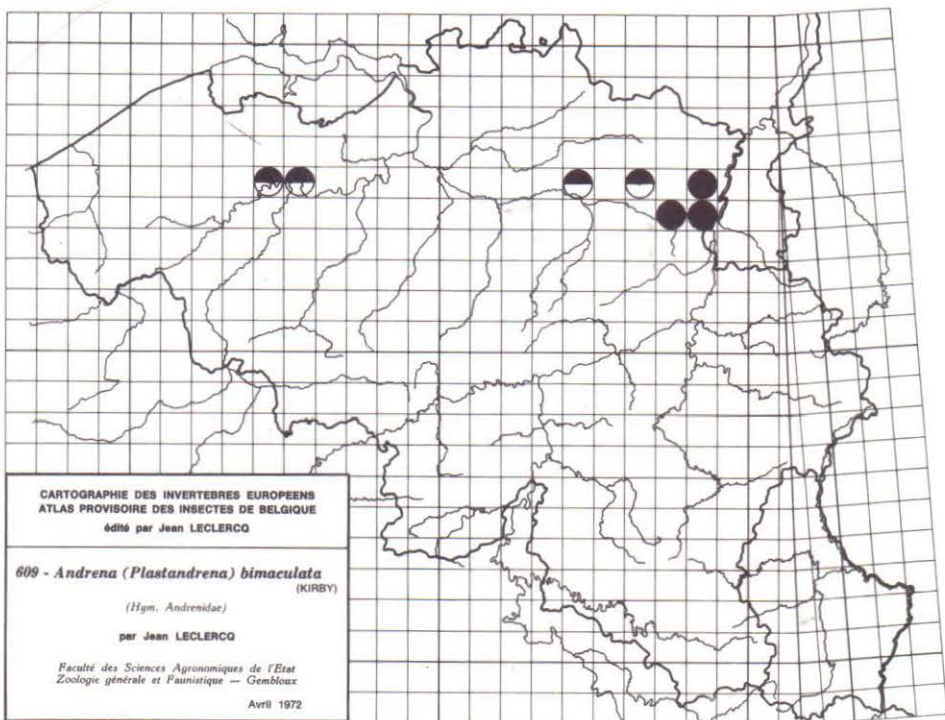
700 - *Xylota sylvarum* (L.)

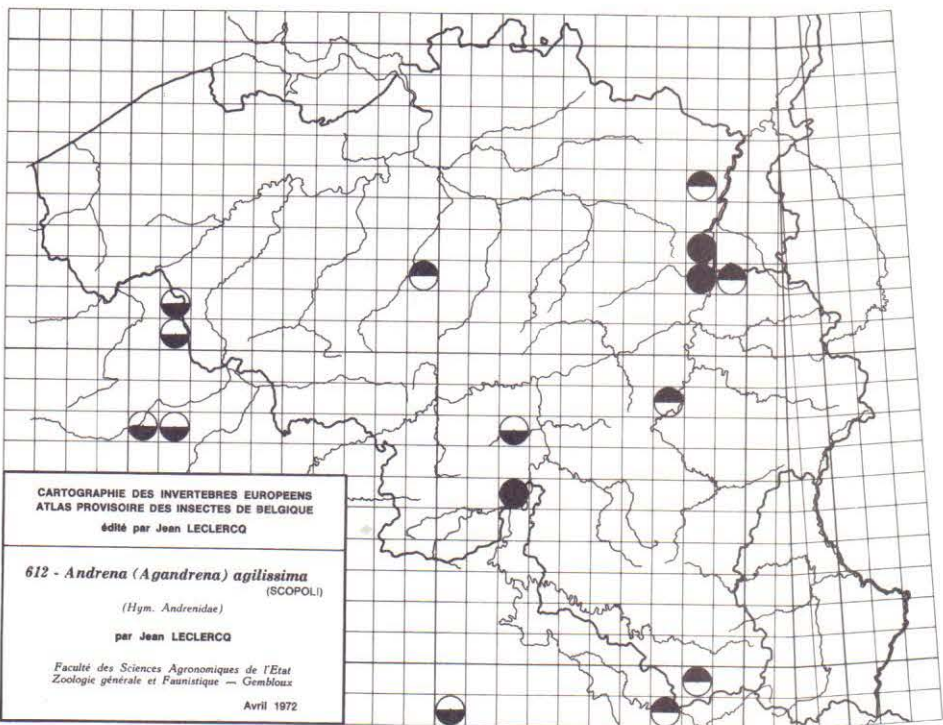
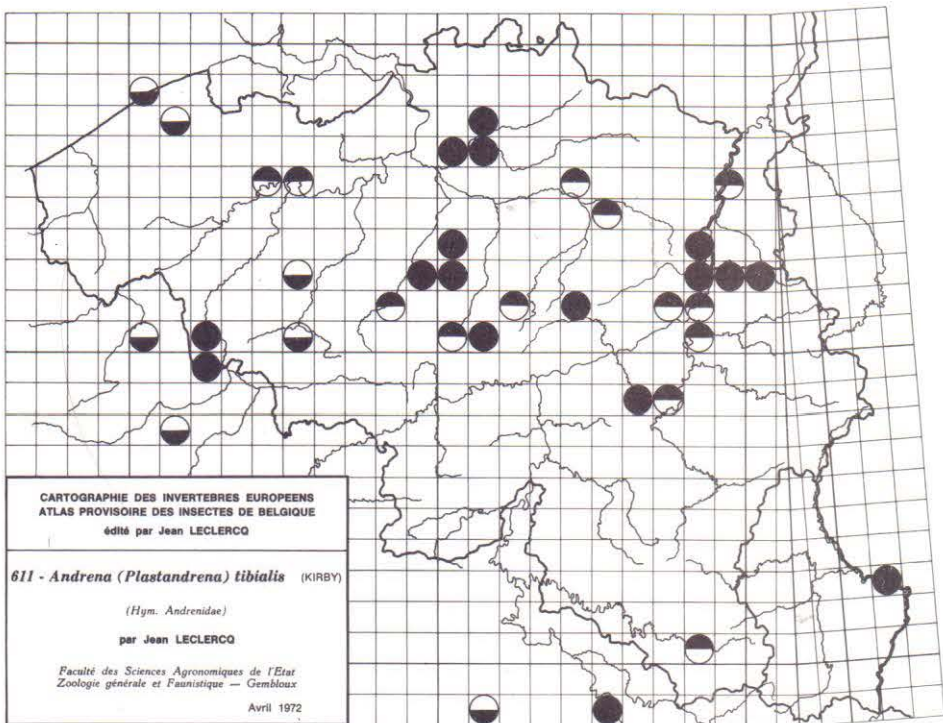


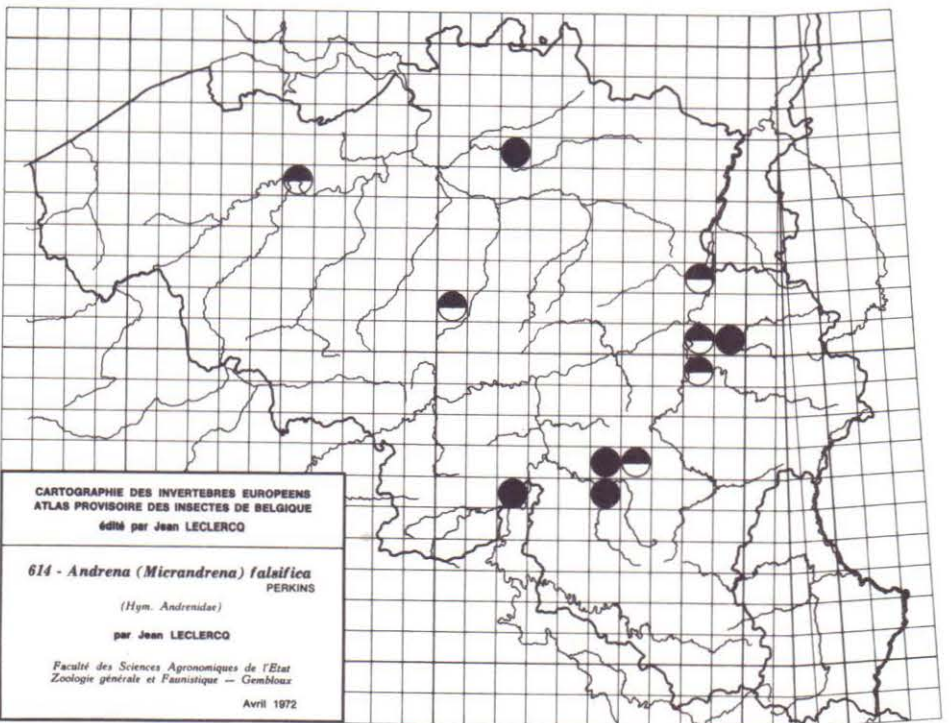
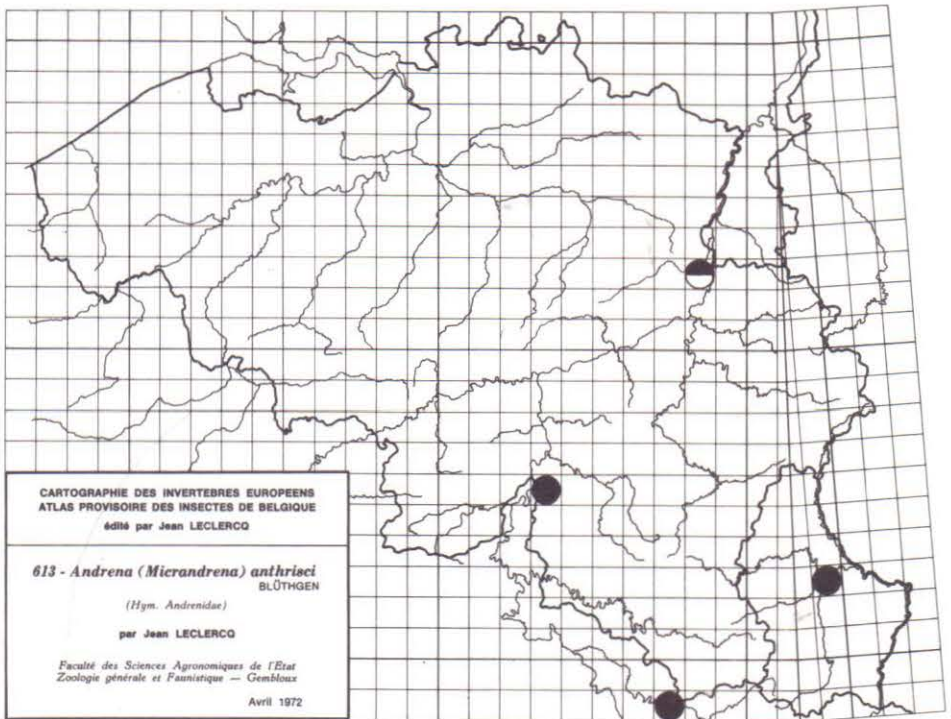


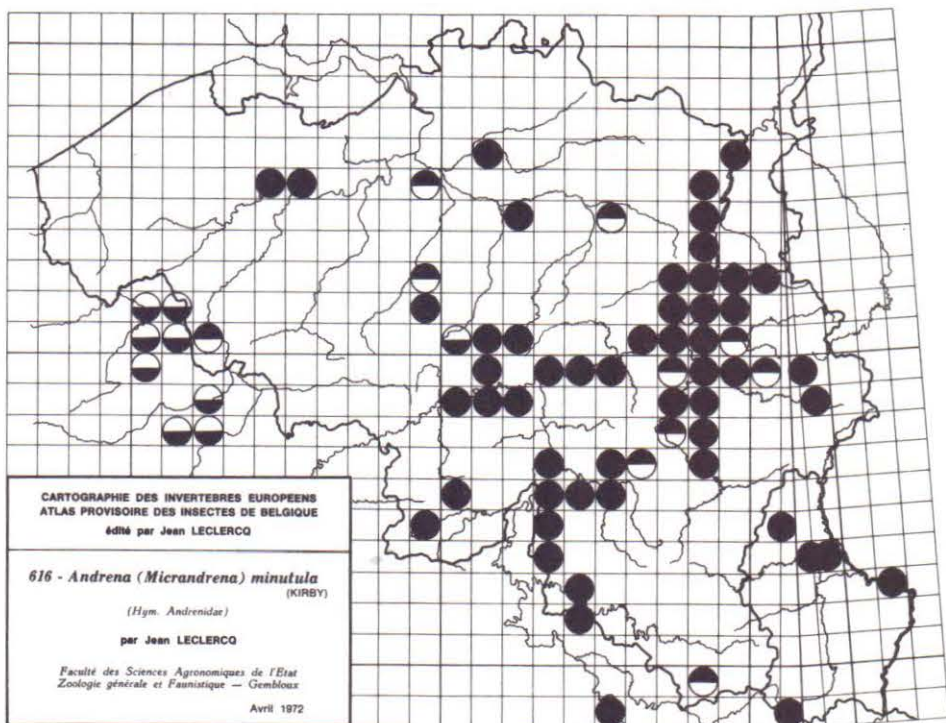
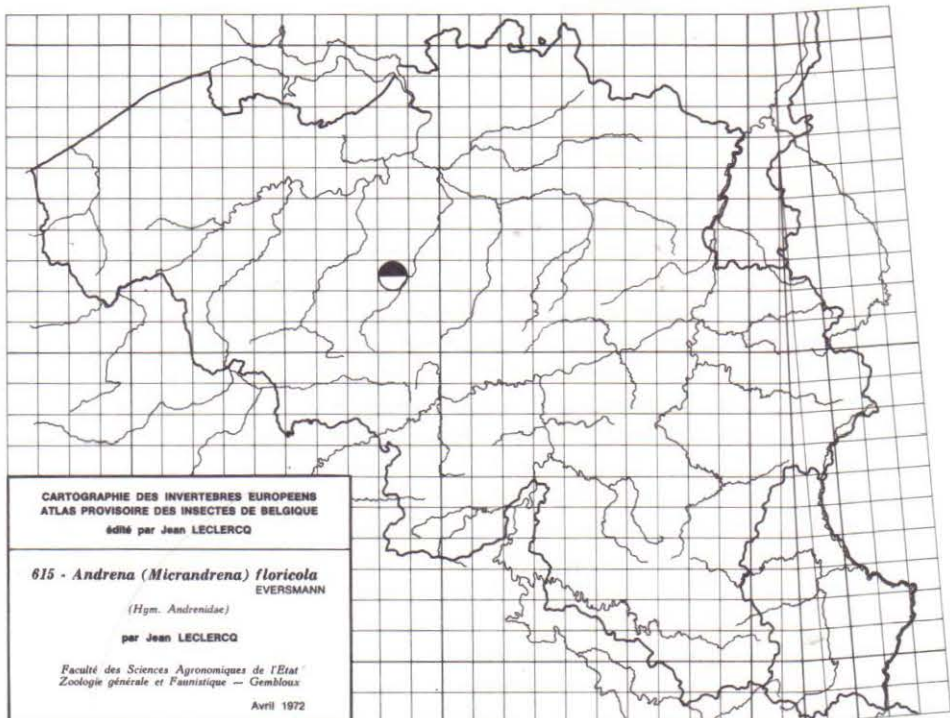


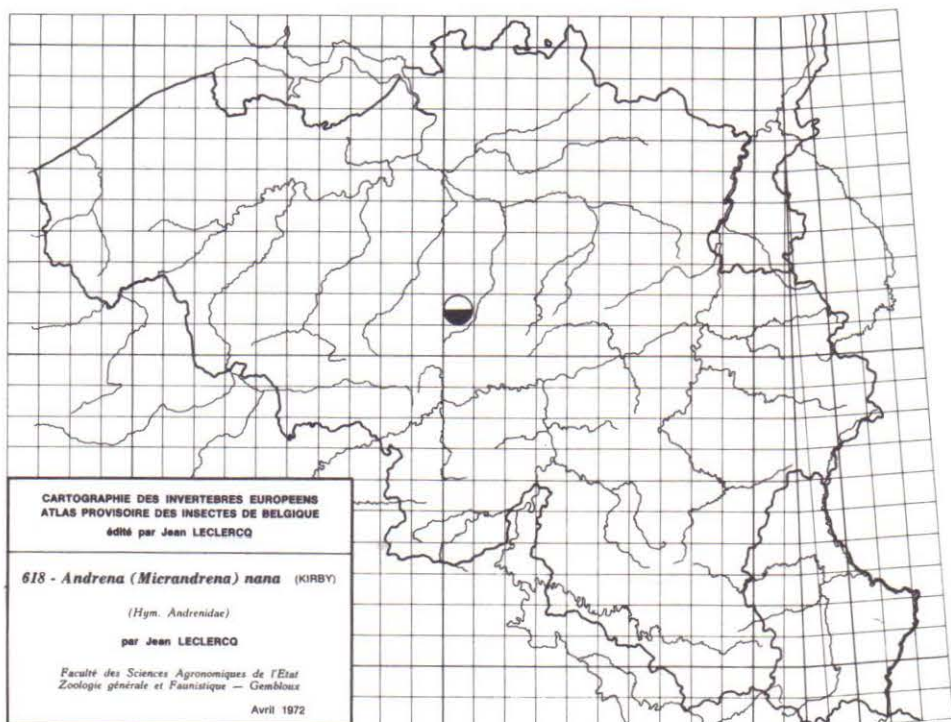
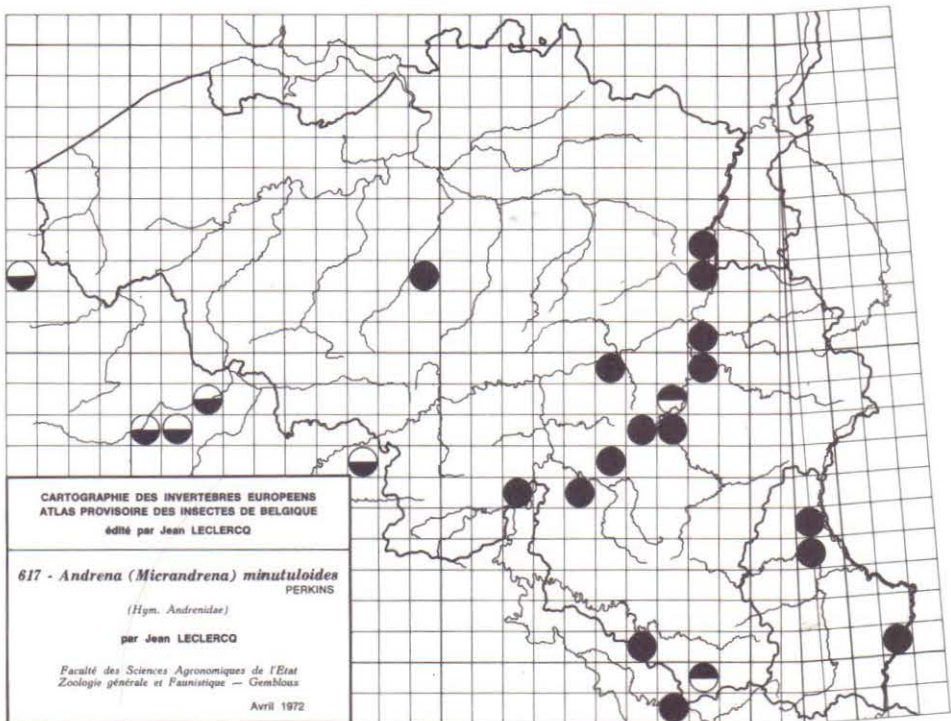


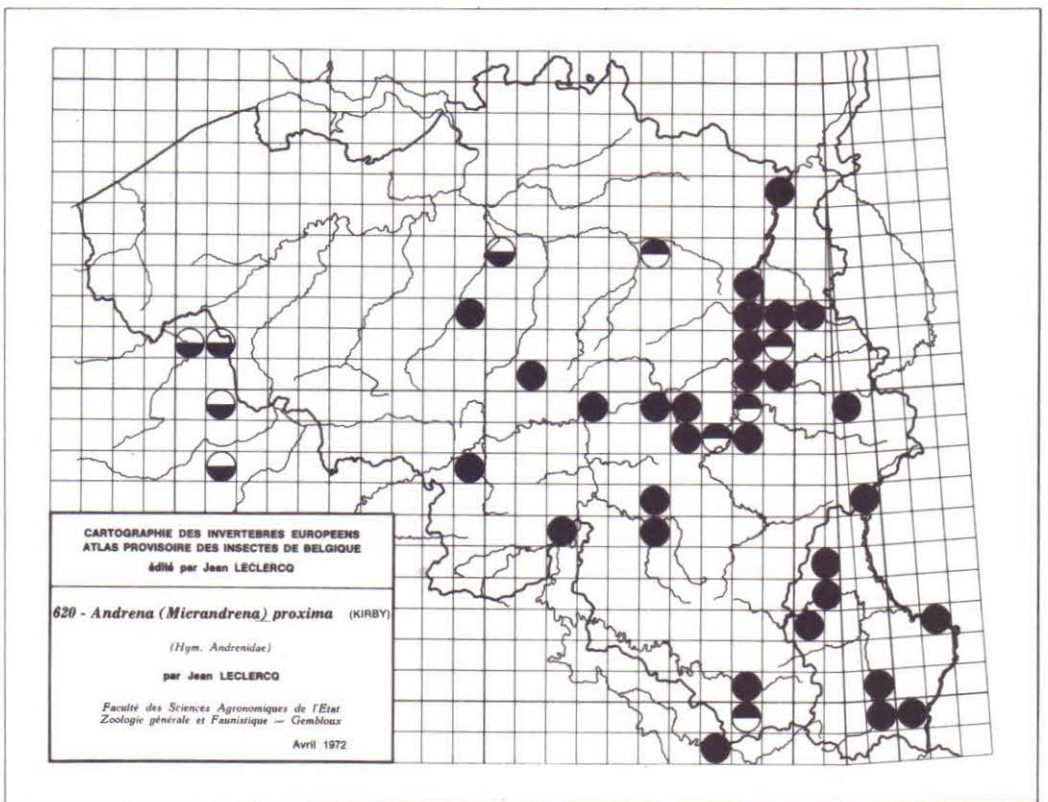
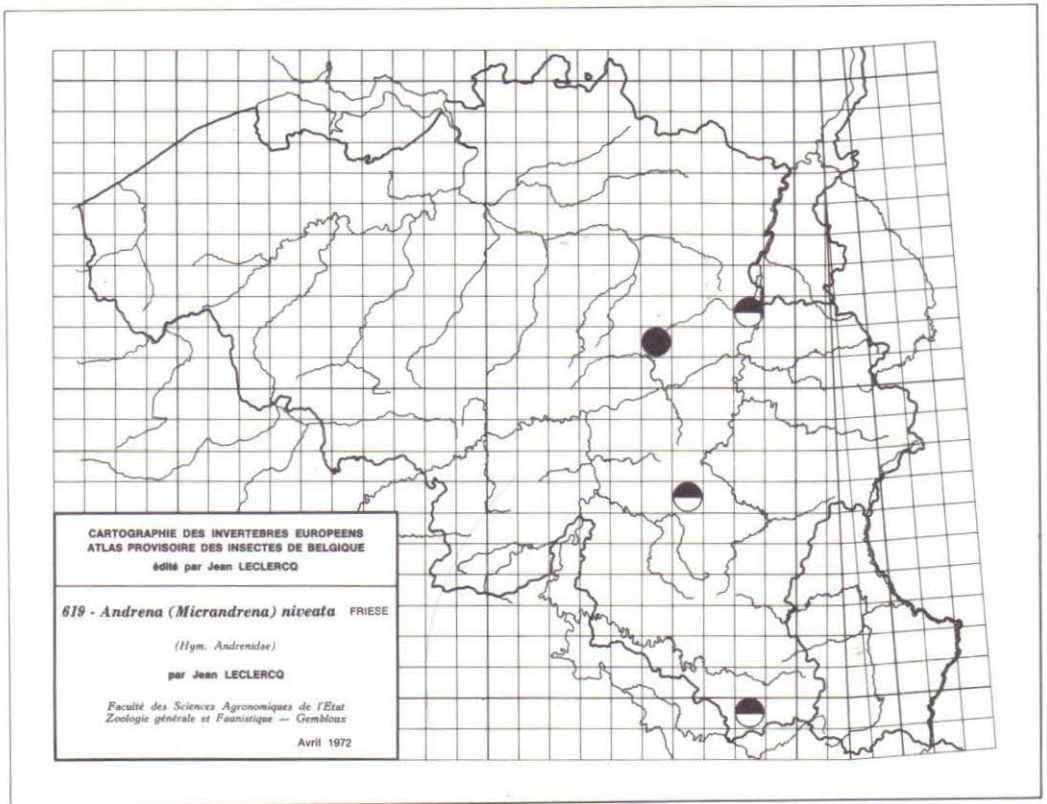


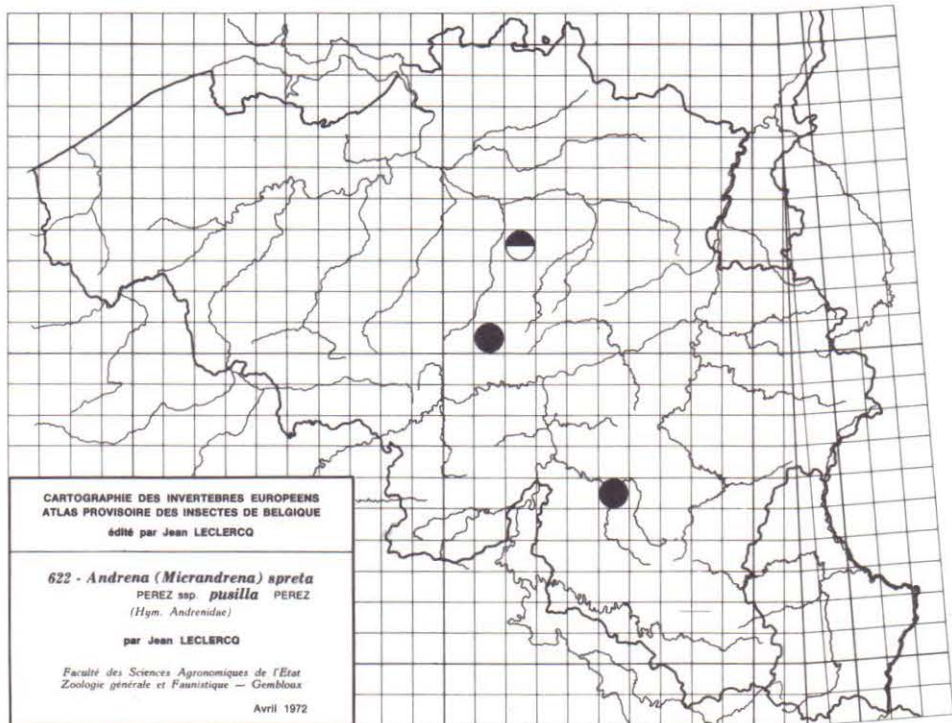
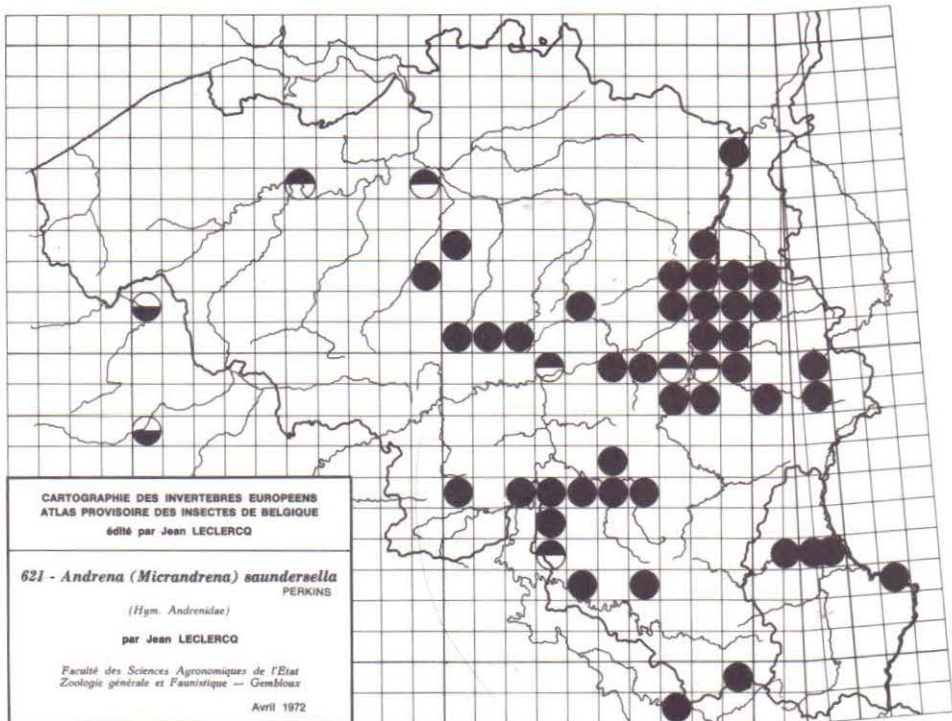


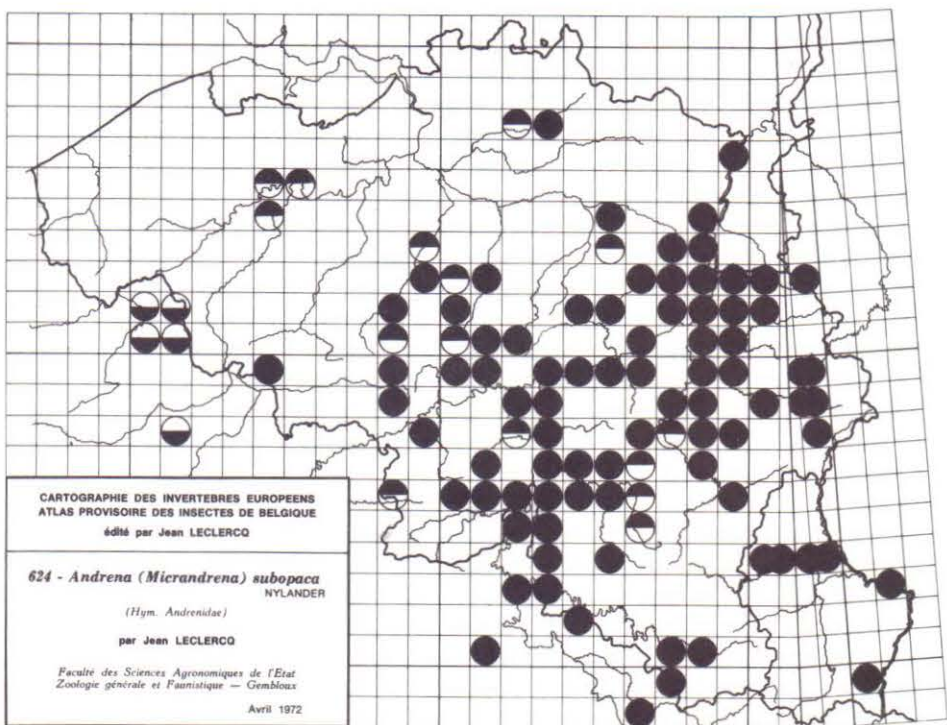
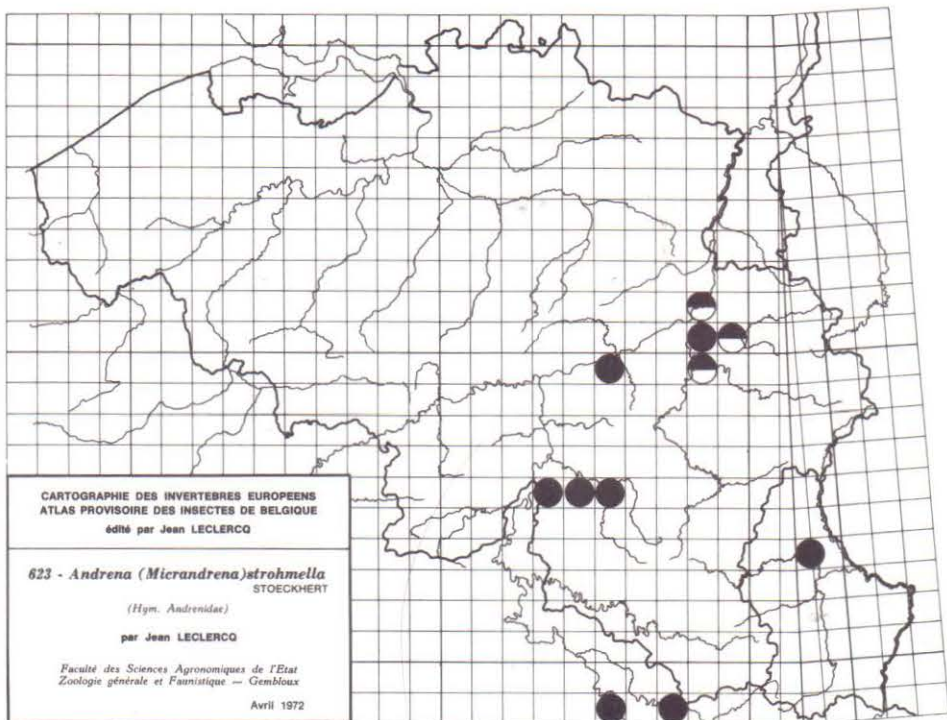


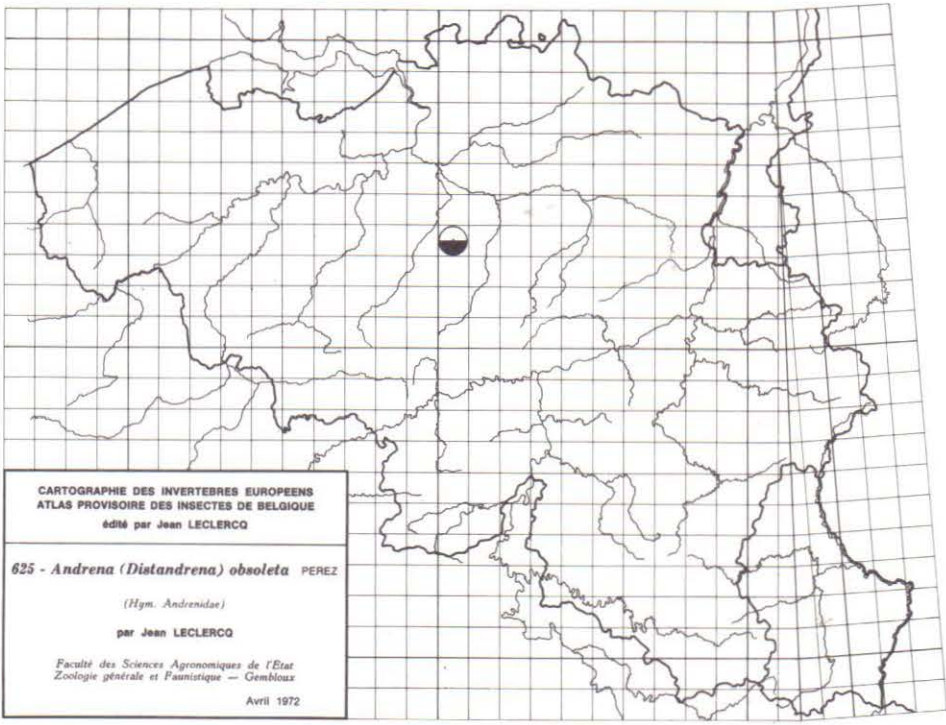








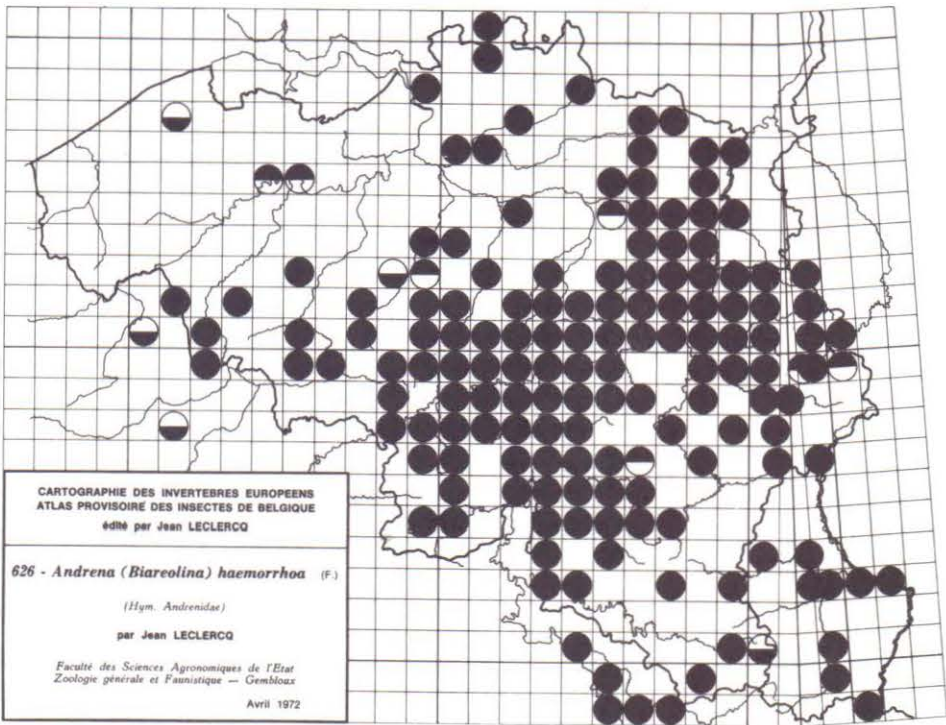




CARTOGRAPHIE DES INVERTEBRES EUROPEENS
 ATLAS PROVISOIRE DES INSECTES DE BELGIQUE
 édité par Jean LECLERCQ

625 - *Andrena (Distantrena) obsoleta* PEREZ
 (Hym. Andrenidae)
 par Jean LECLERCQ

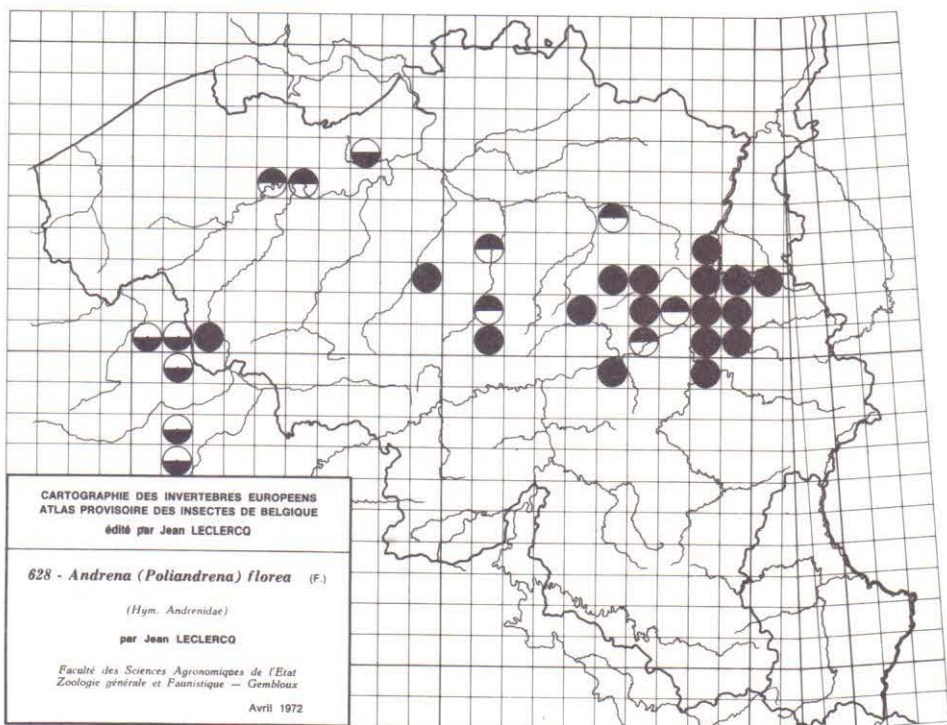
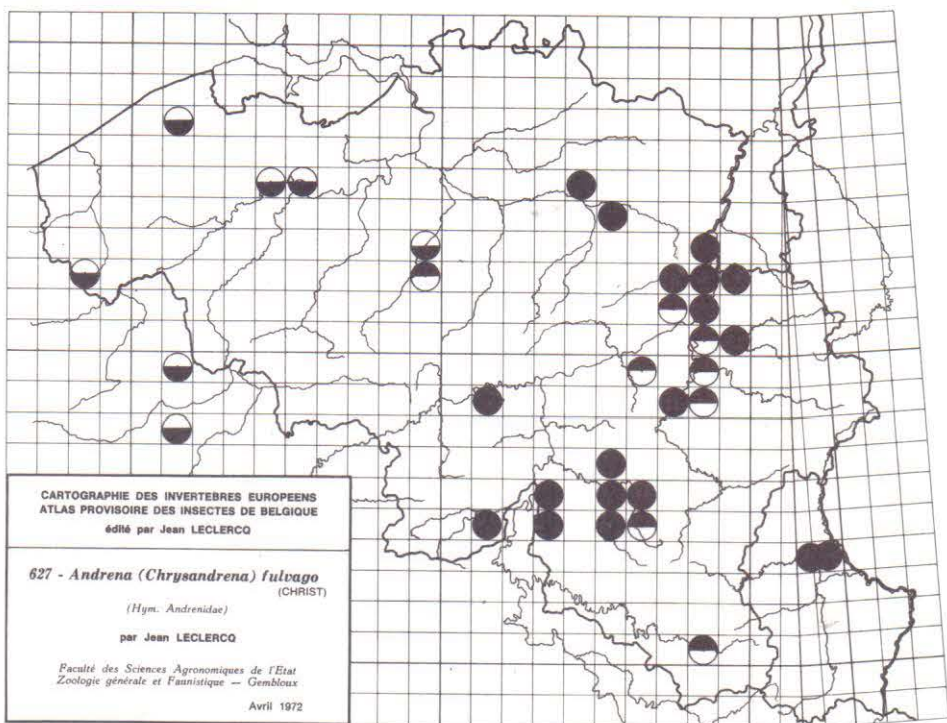
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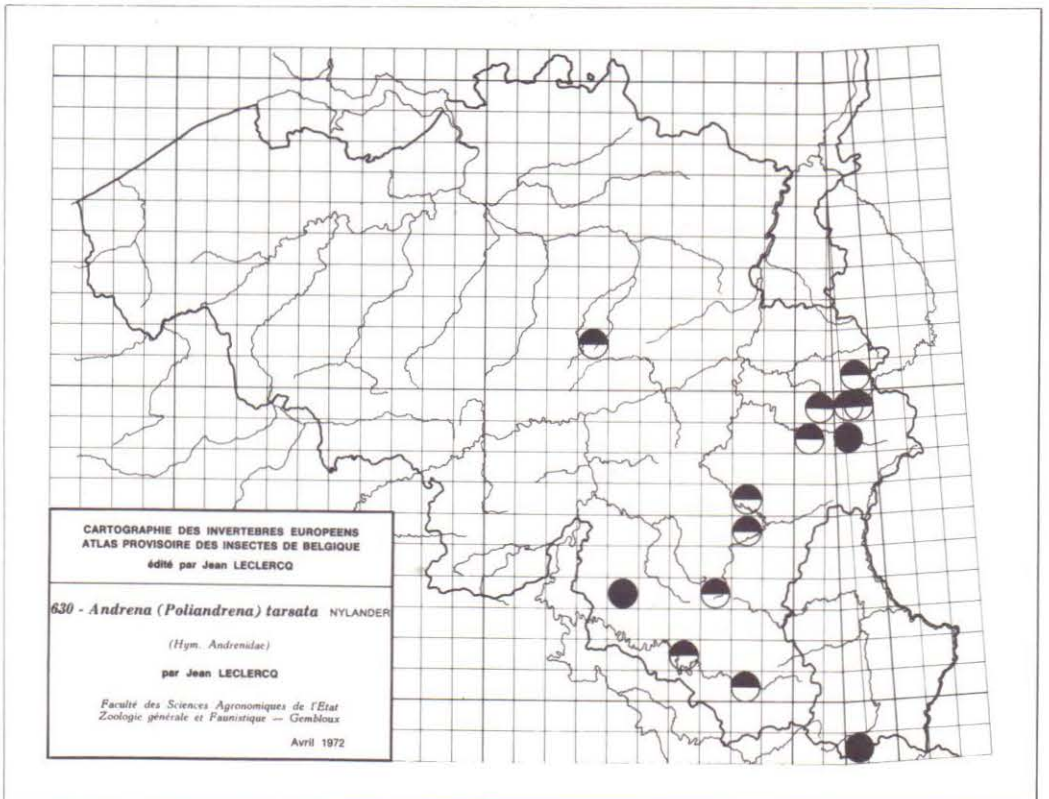
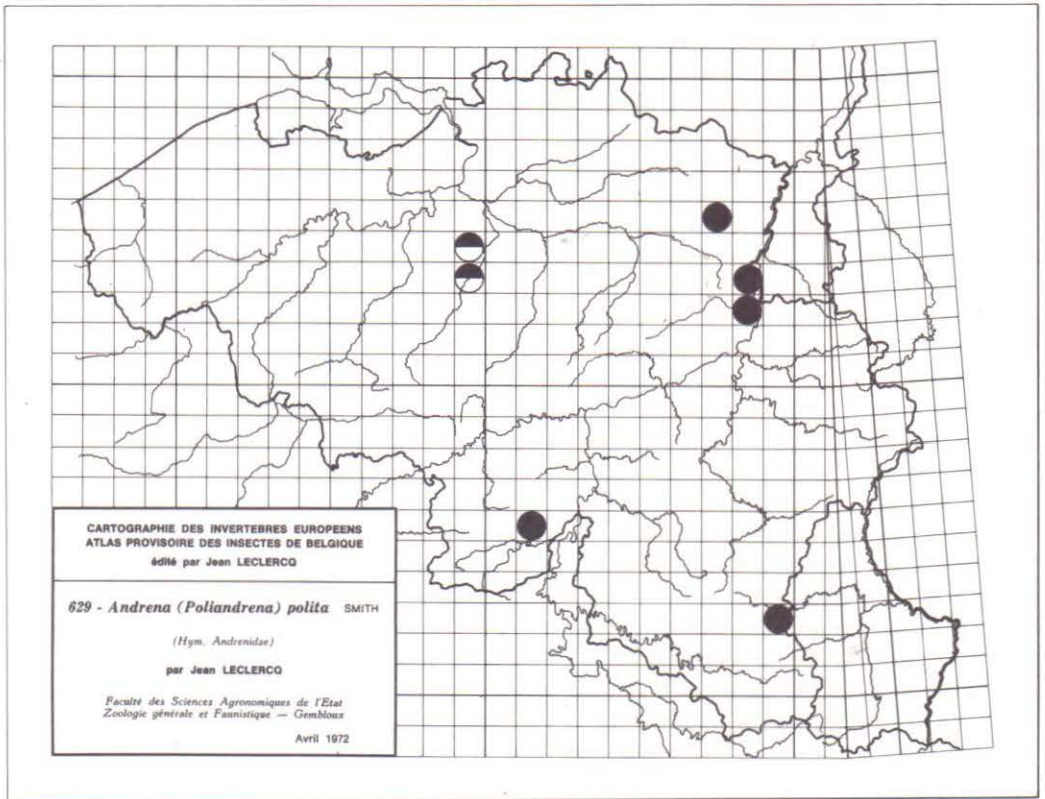


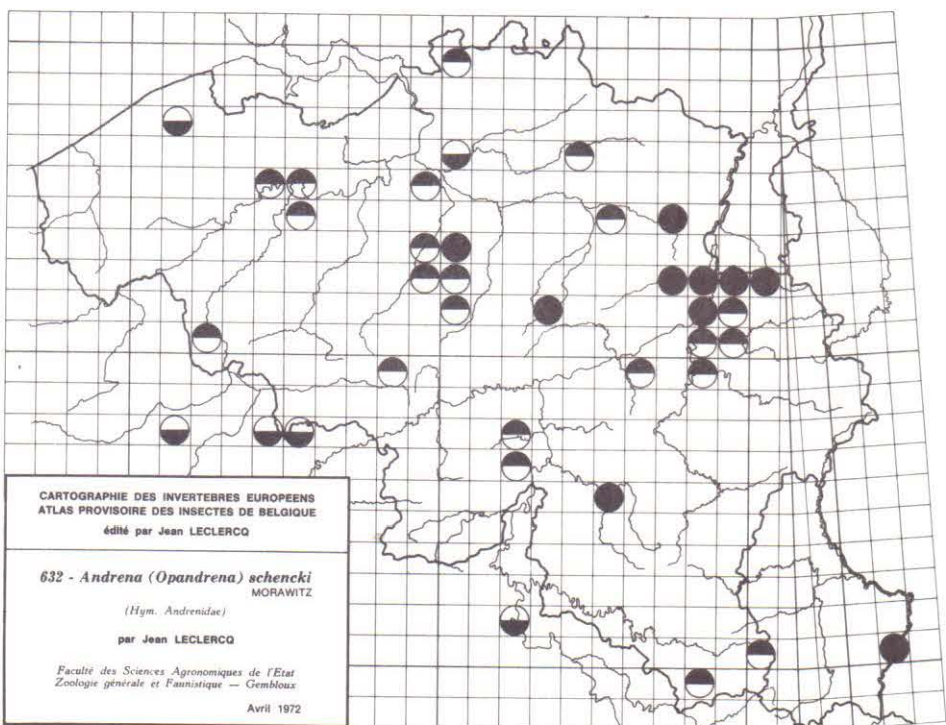
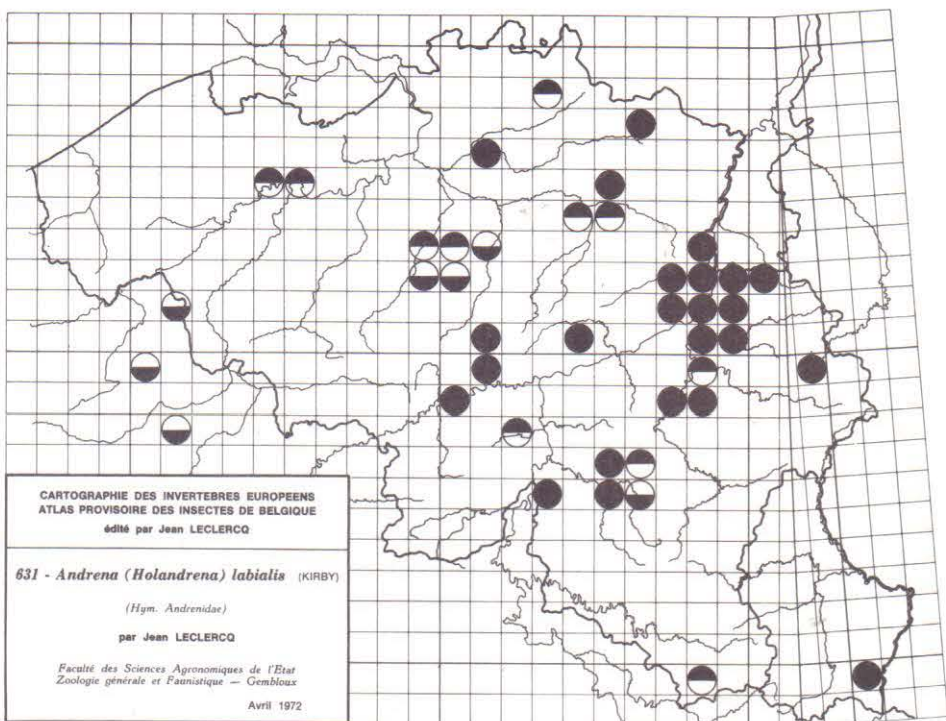
CARTOGRAPHIE DES INVERTEBRES EUROPEENS
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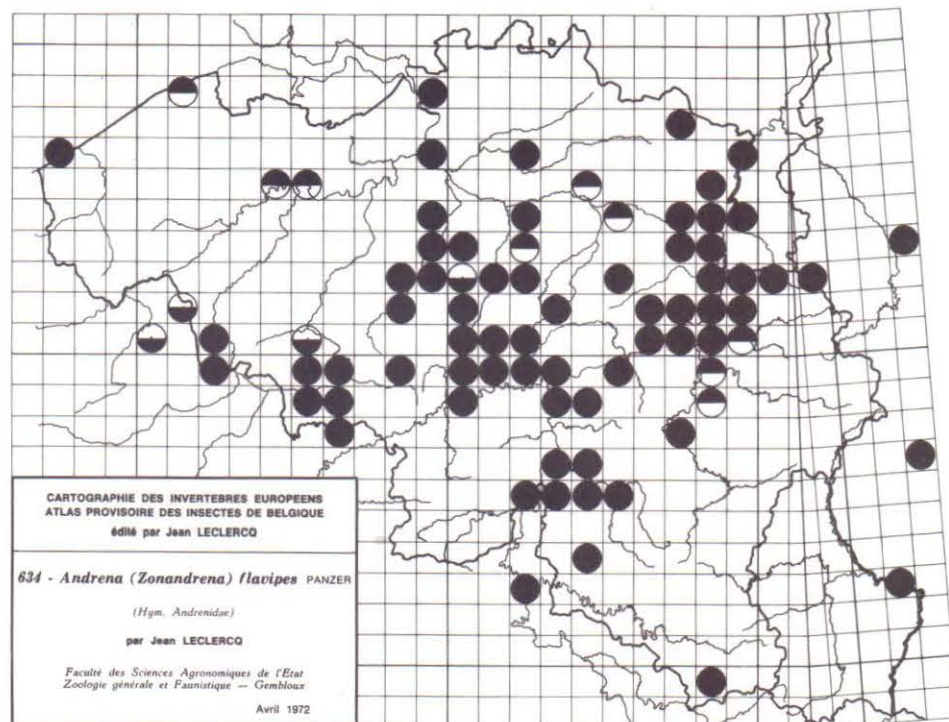
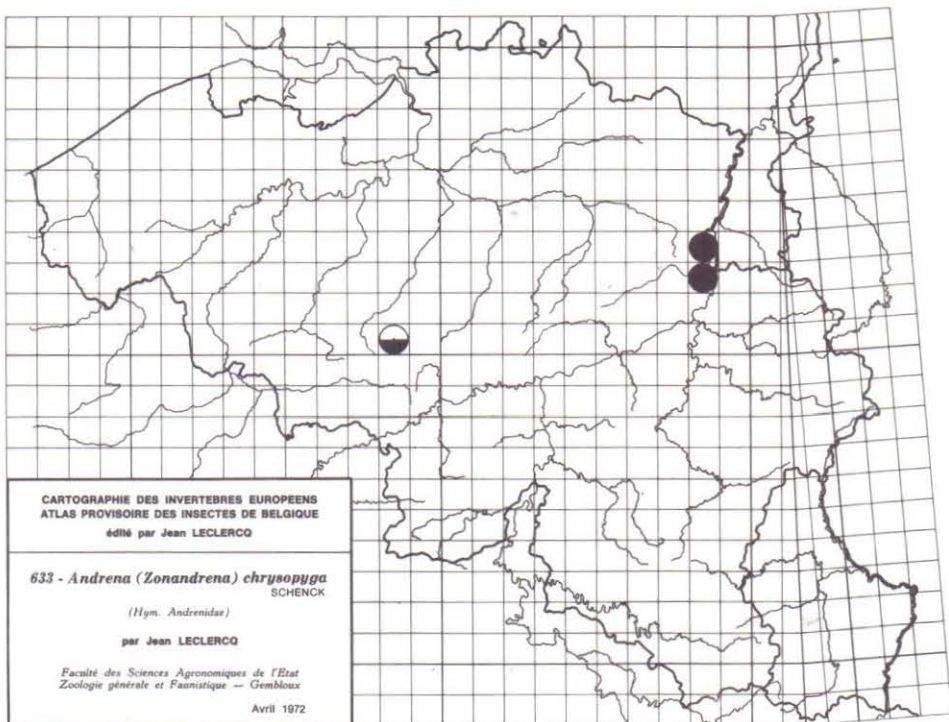
626 - *Andrena (Biareolina) haemorrhhoa* (F.)
 (Hym. Andrenidae)
 par Jean LECLERCQ

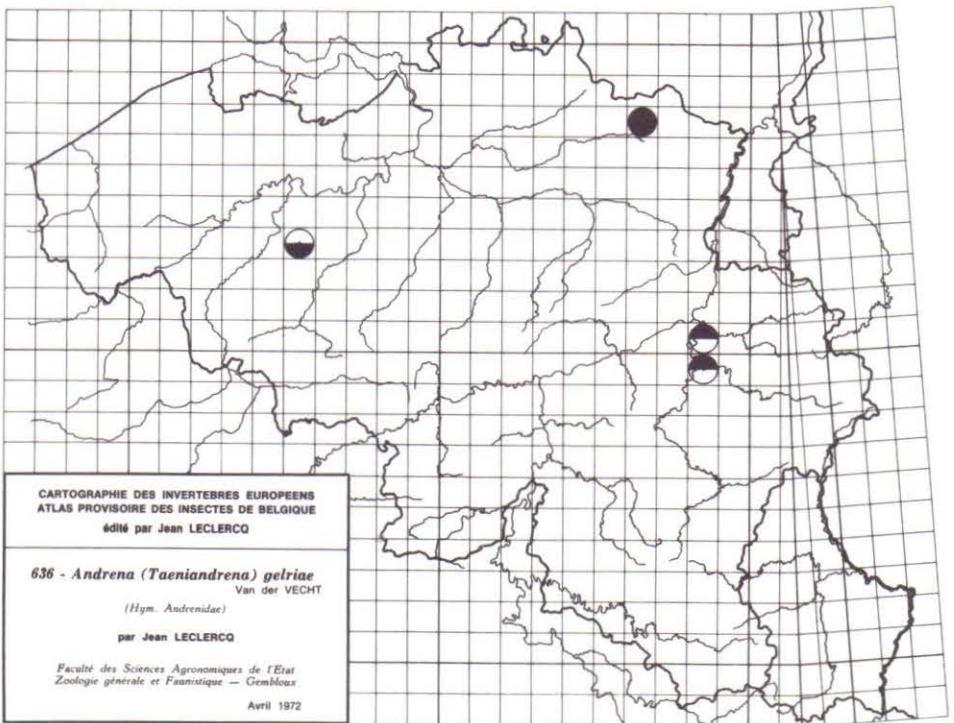
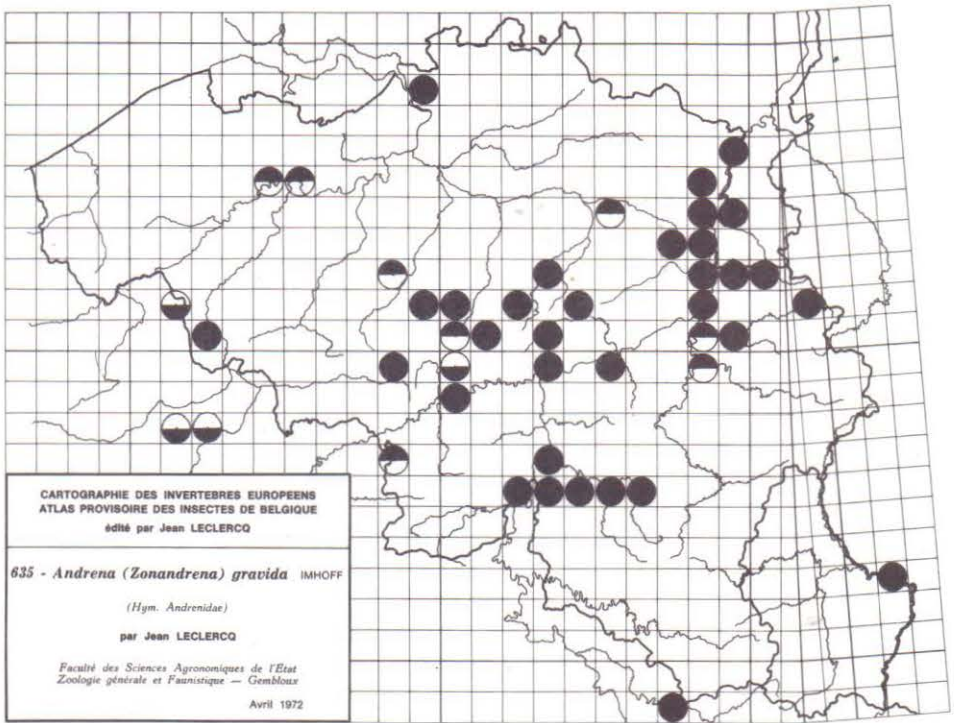
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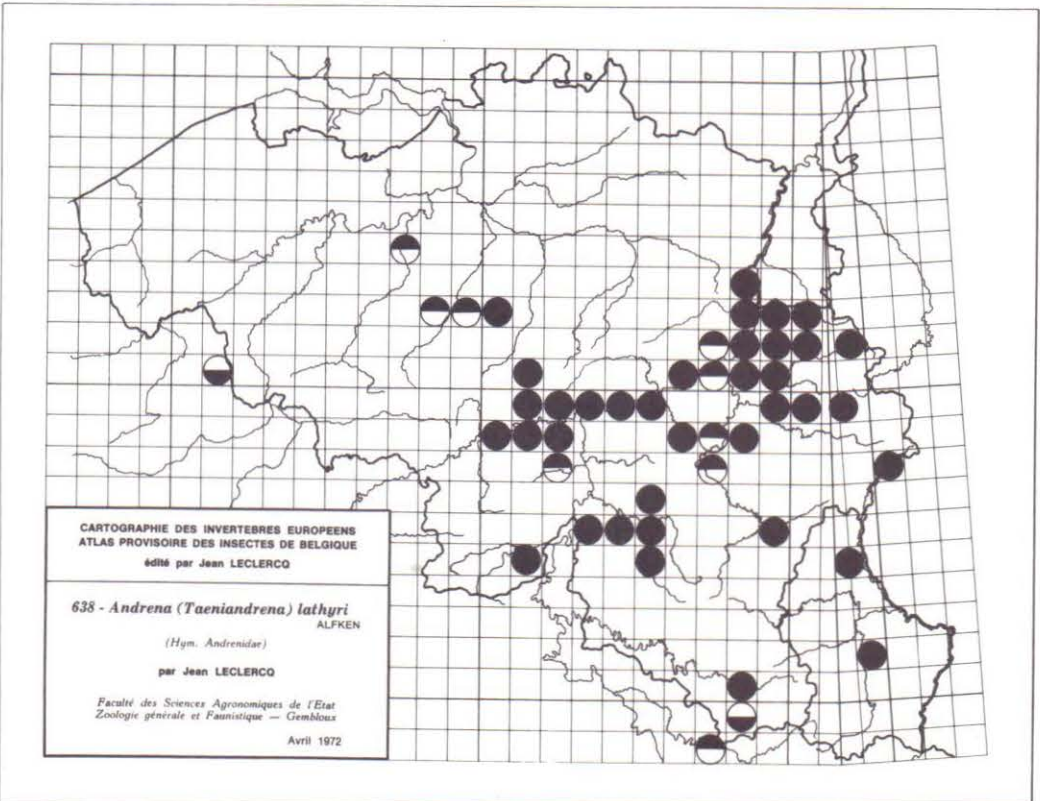
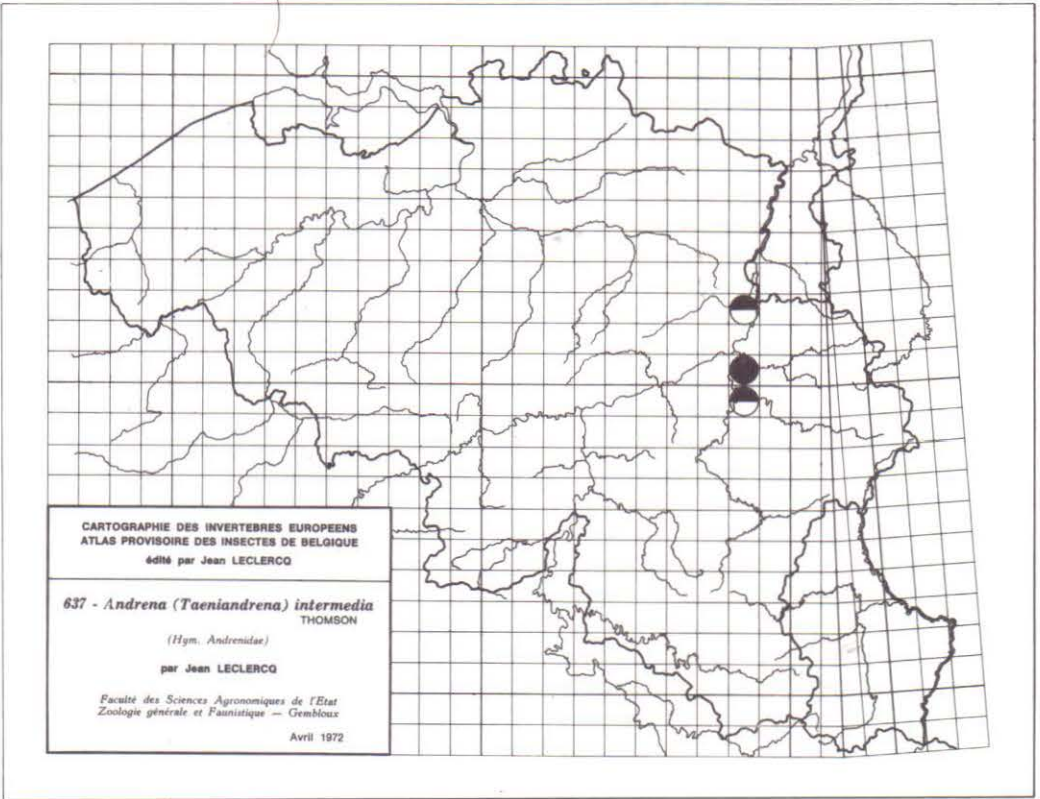


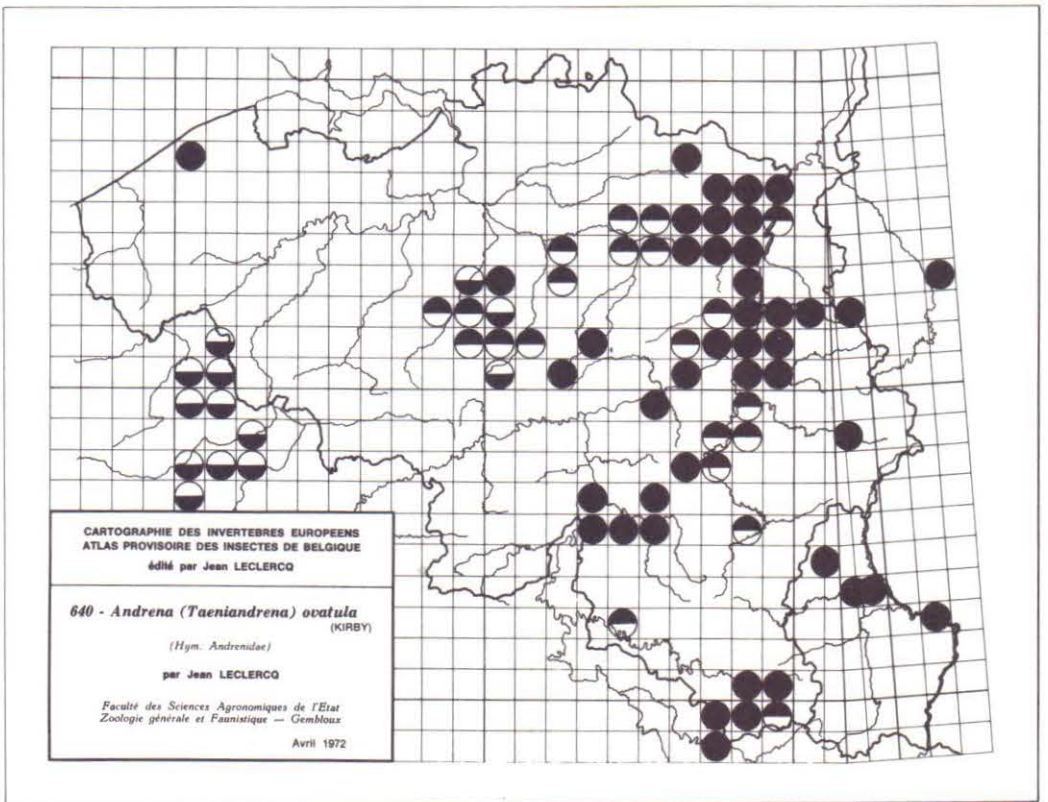
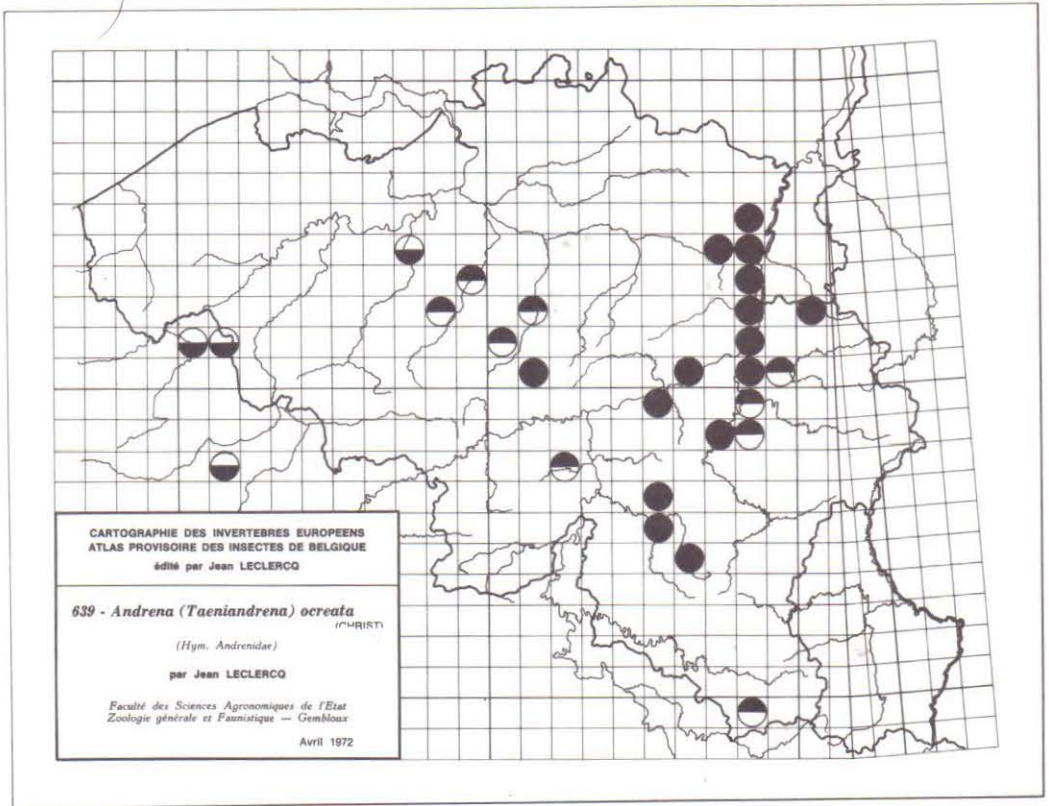


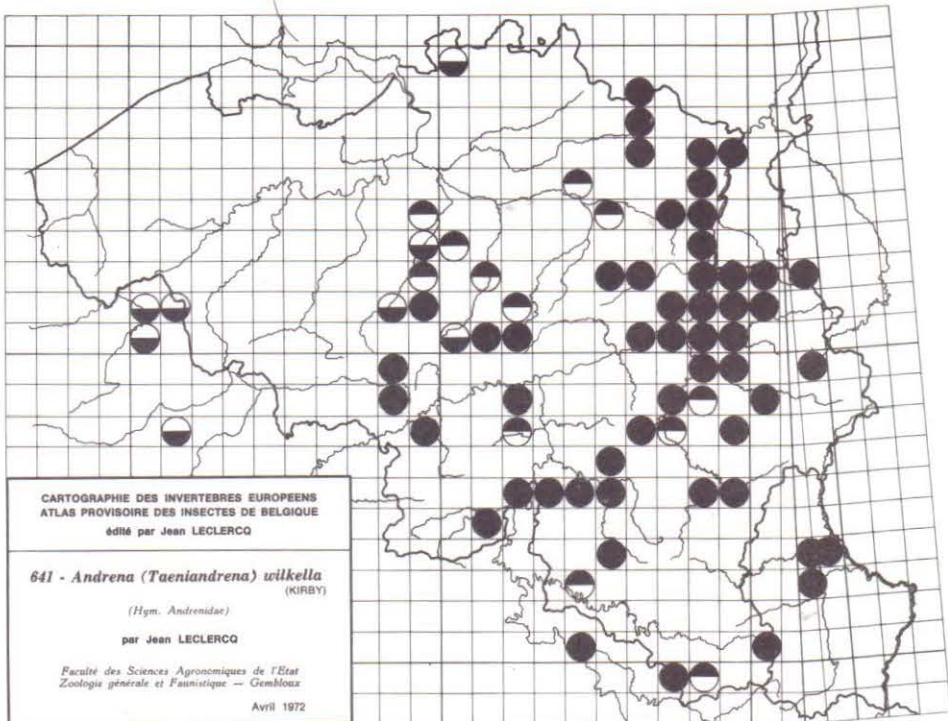








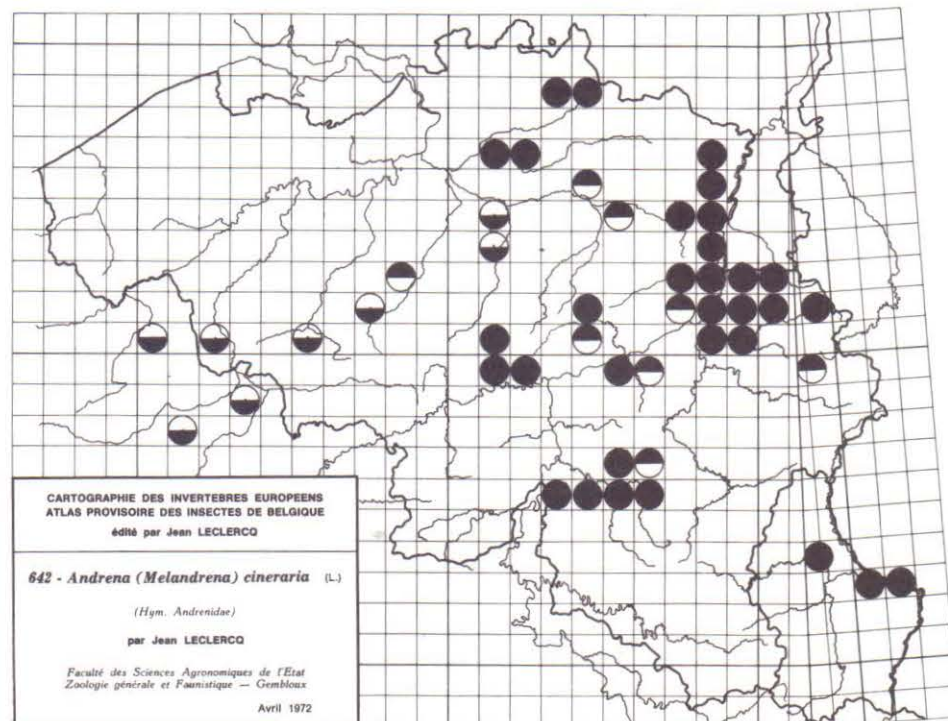




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 édité par Jean LECLERCO

641 - *Andrena (Taenidrena) wilkella* (KIRBY)
 (Hym. Andrenidae)
 par Jean LECLERCO

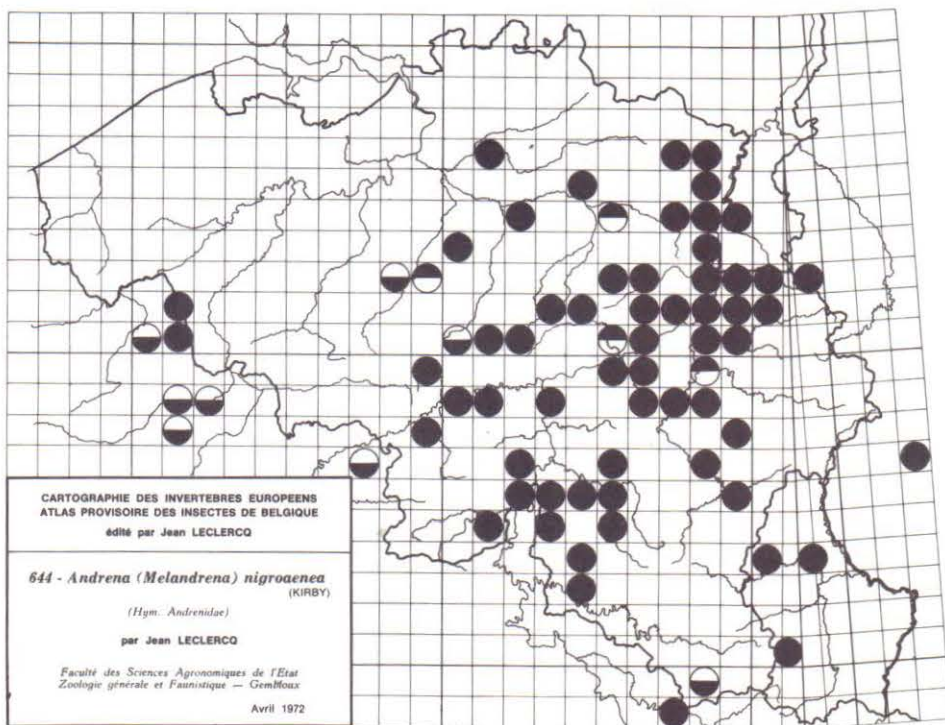
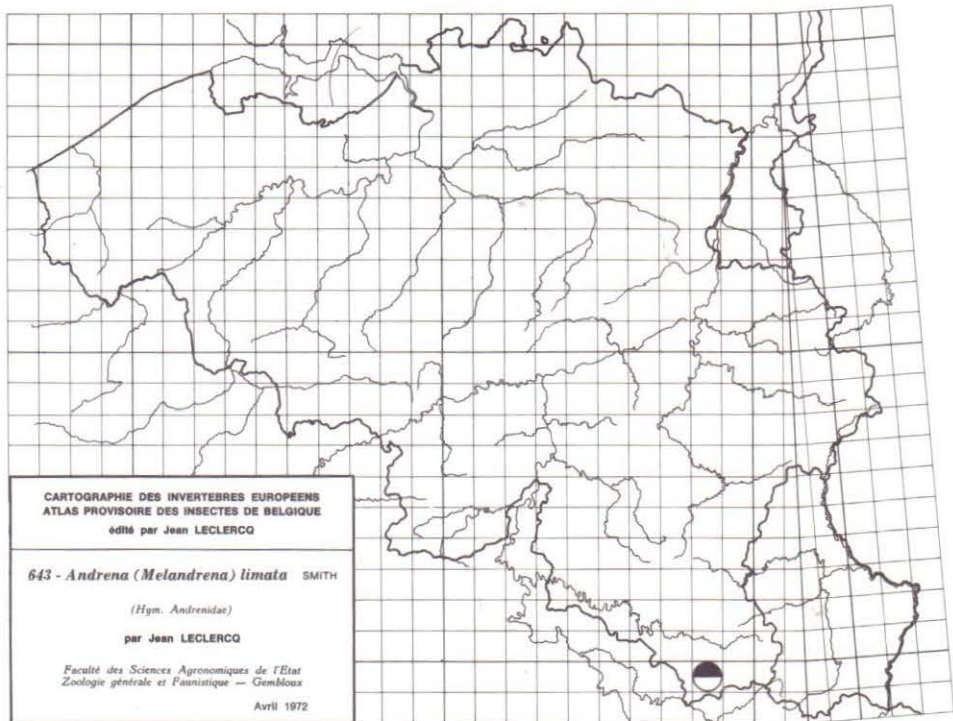
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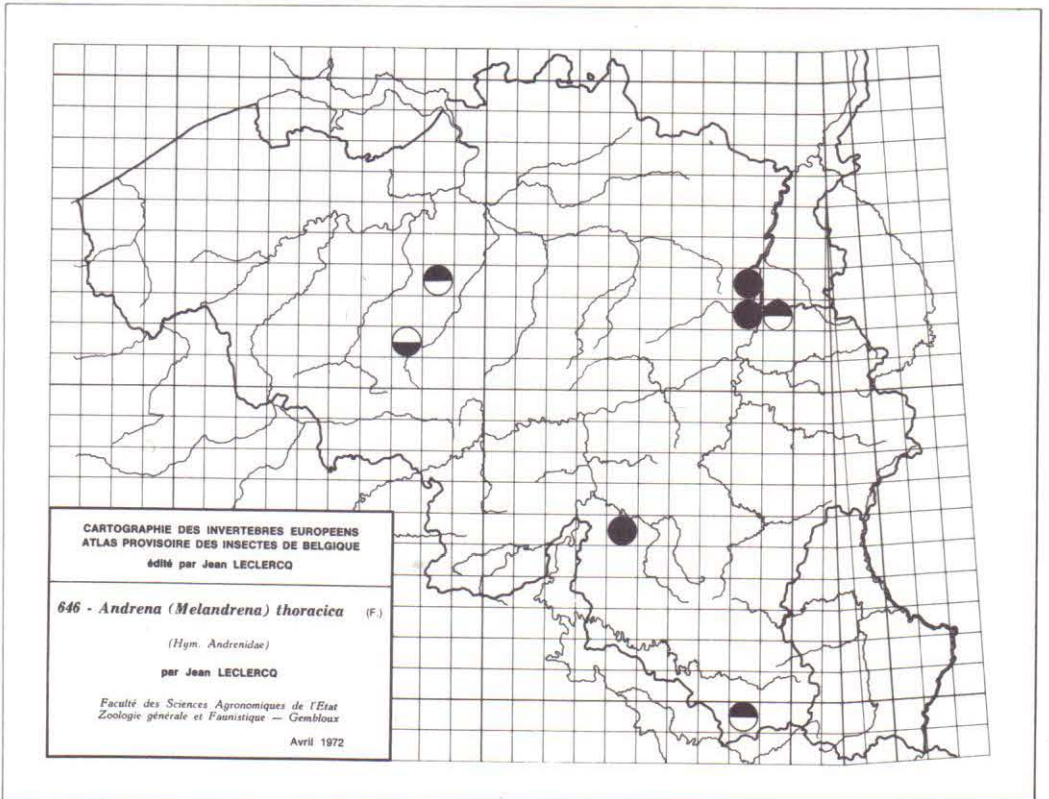
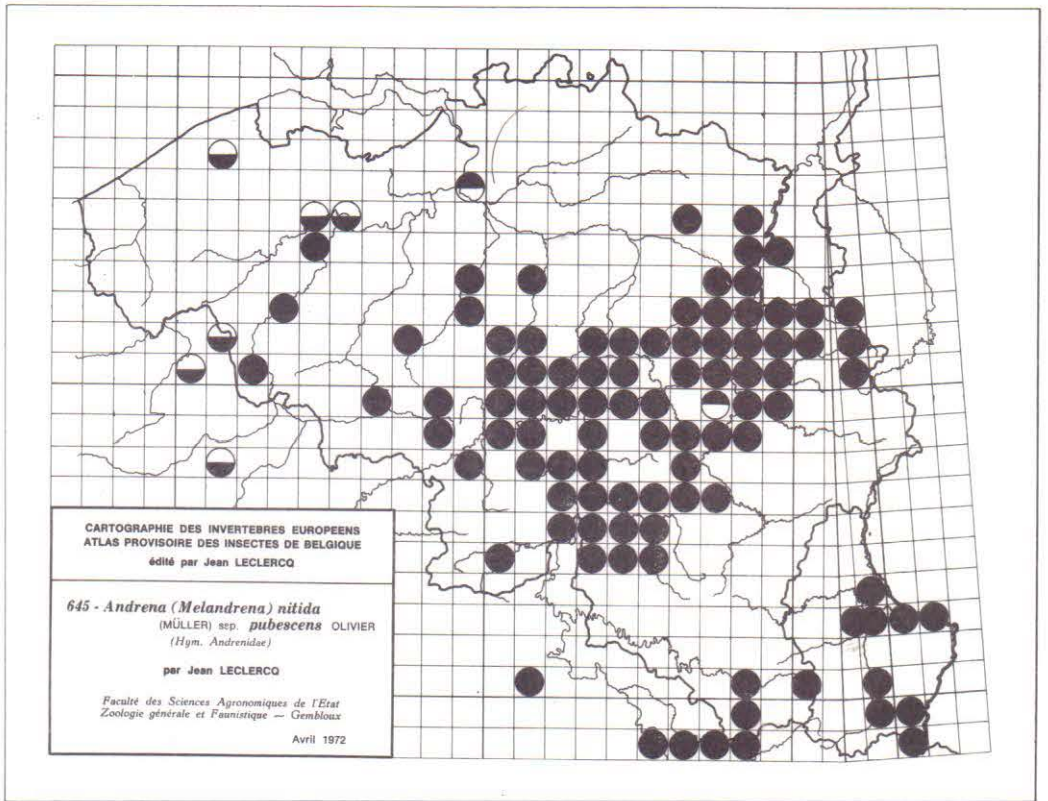


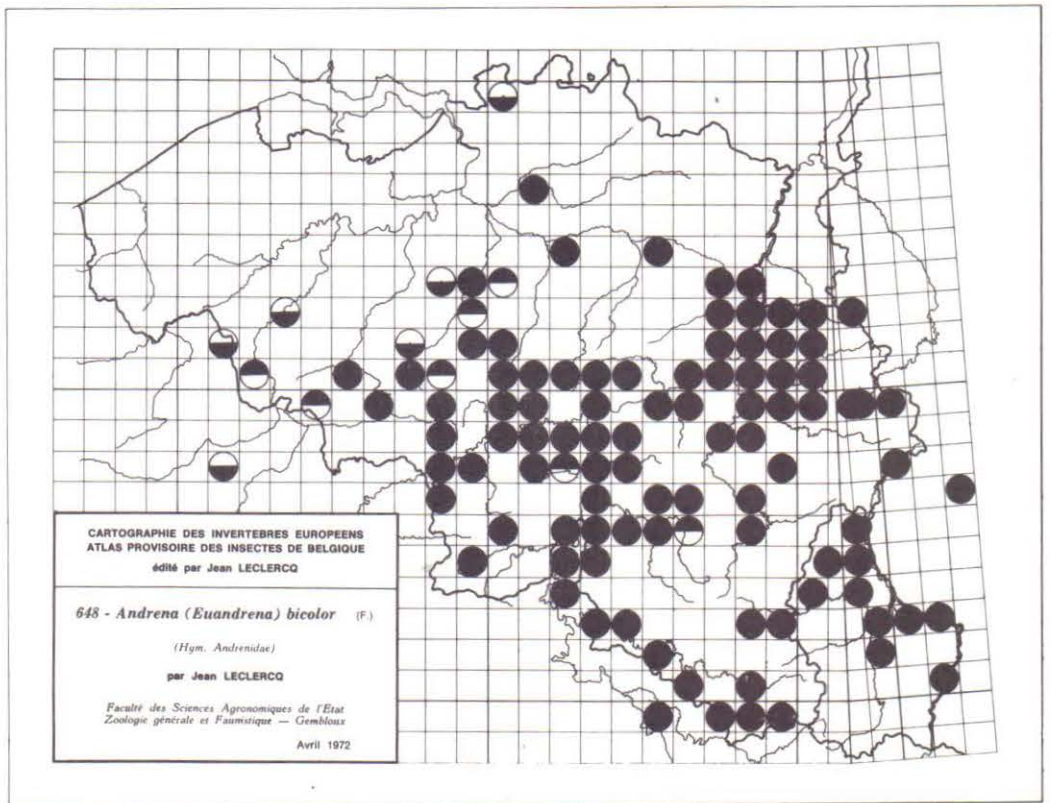
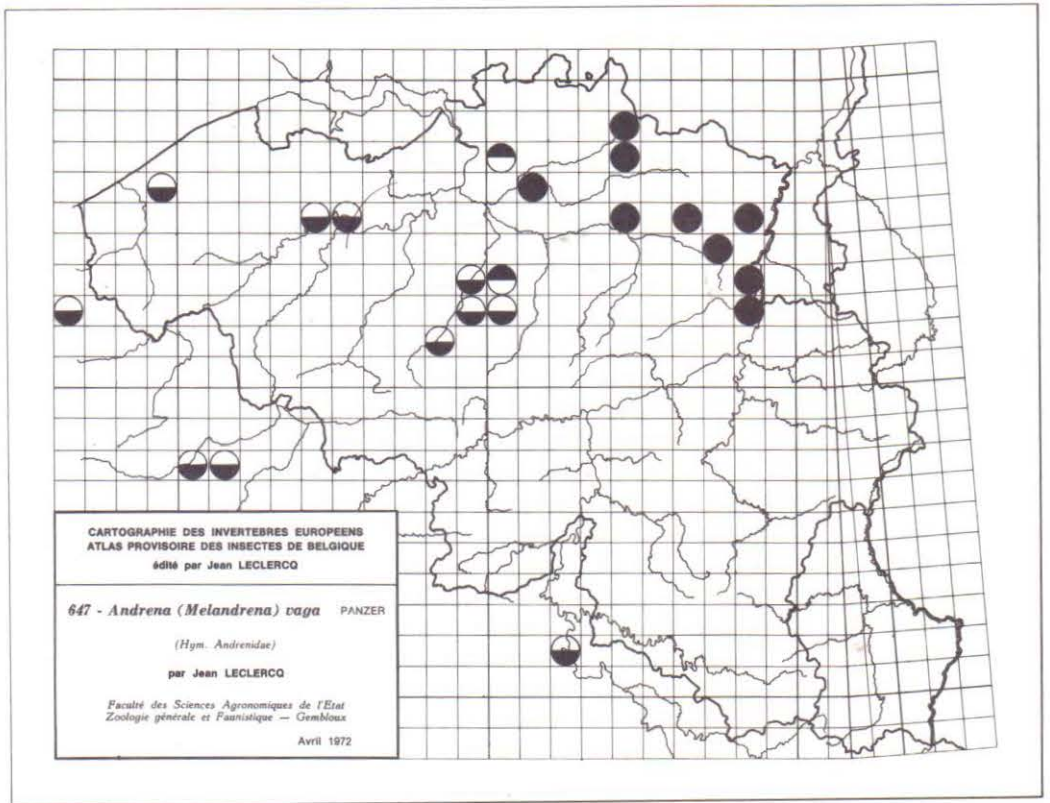
CARTOGRAPHIE DES INVERTEBRES EUROPEENS
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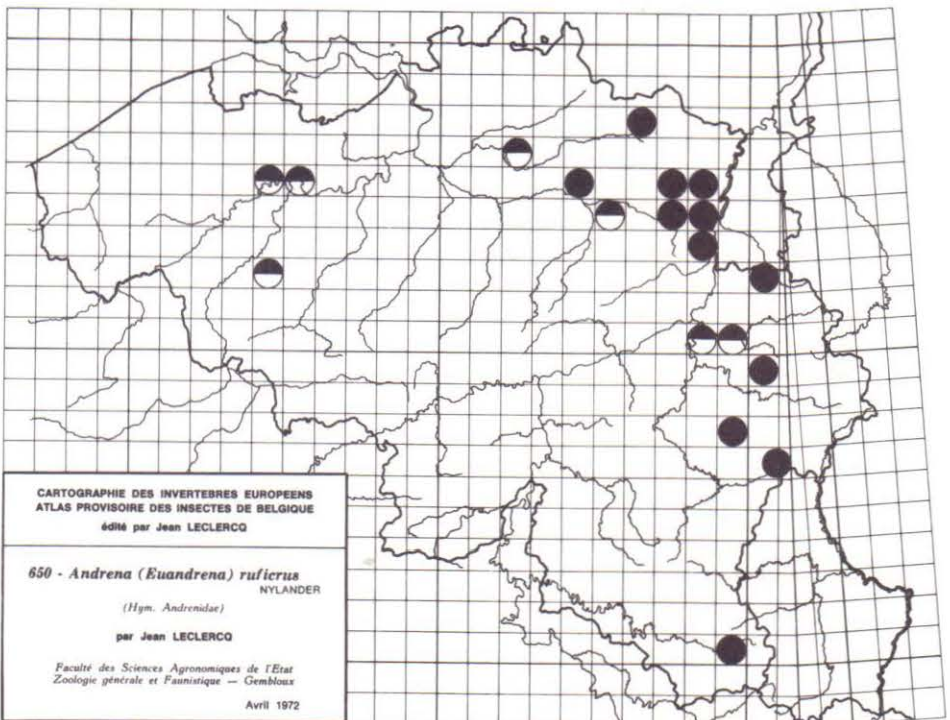
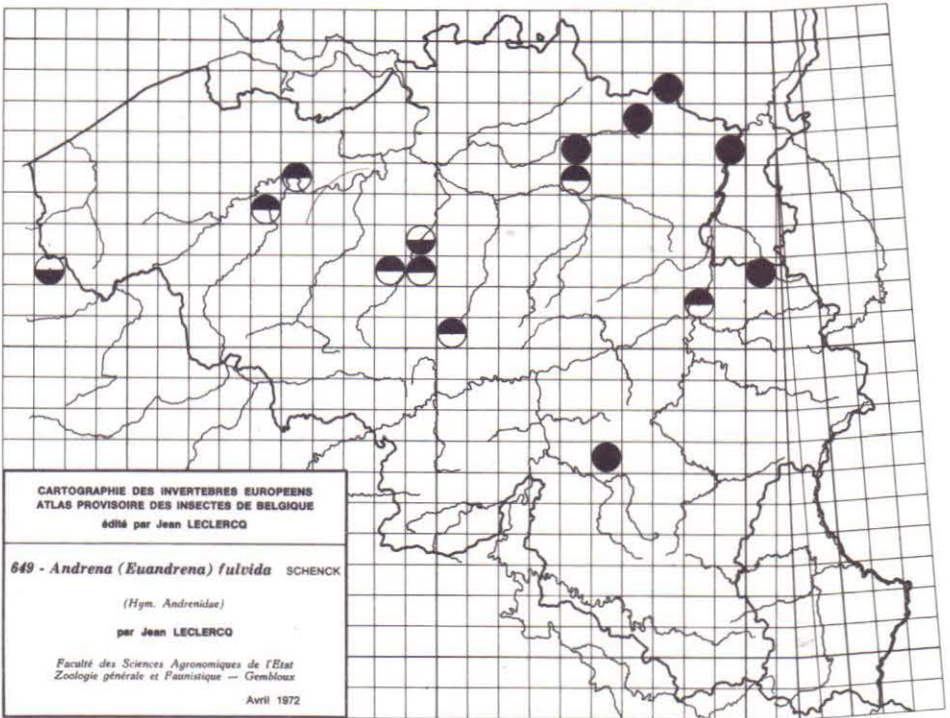
642 - *Andrena (Melandrena) cineraria* (L.)
 (Hym. Andrenidae)
 par Jean LECLERCO

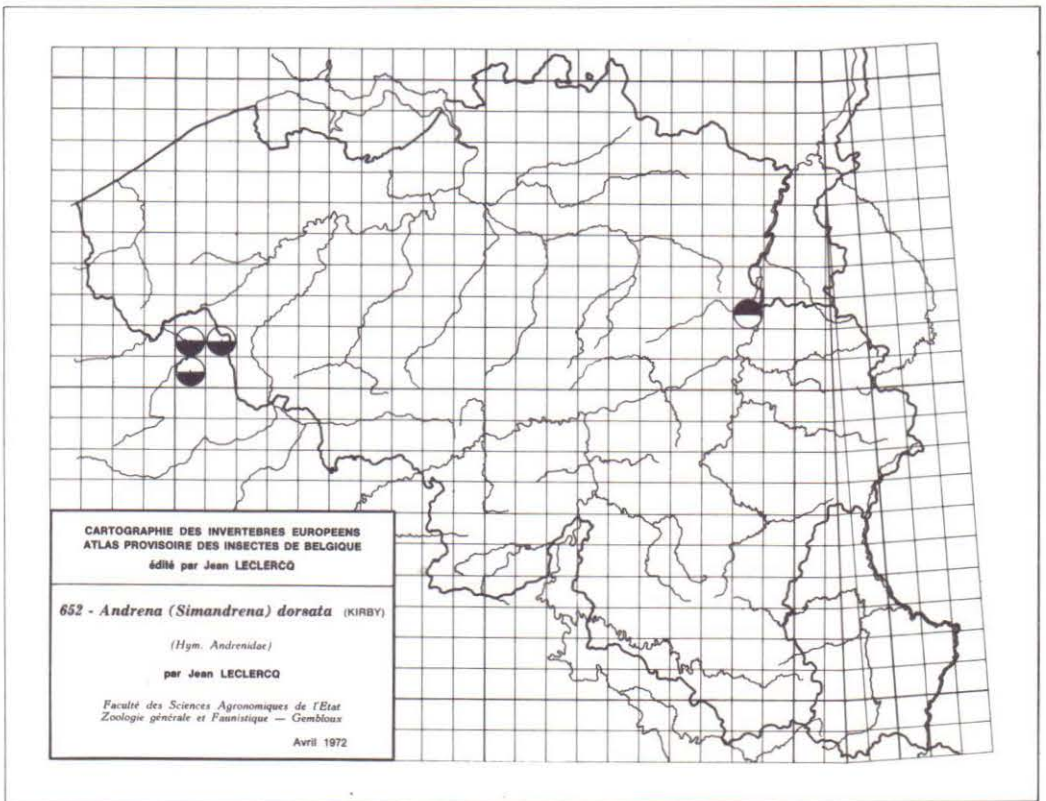
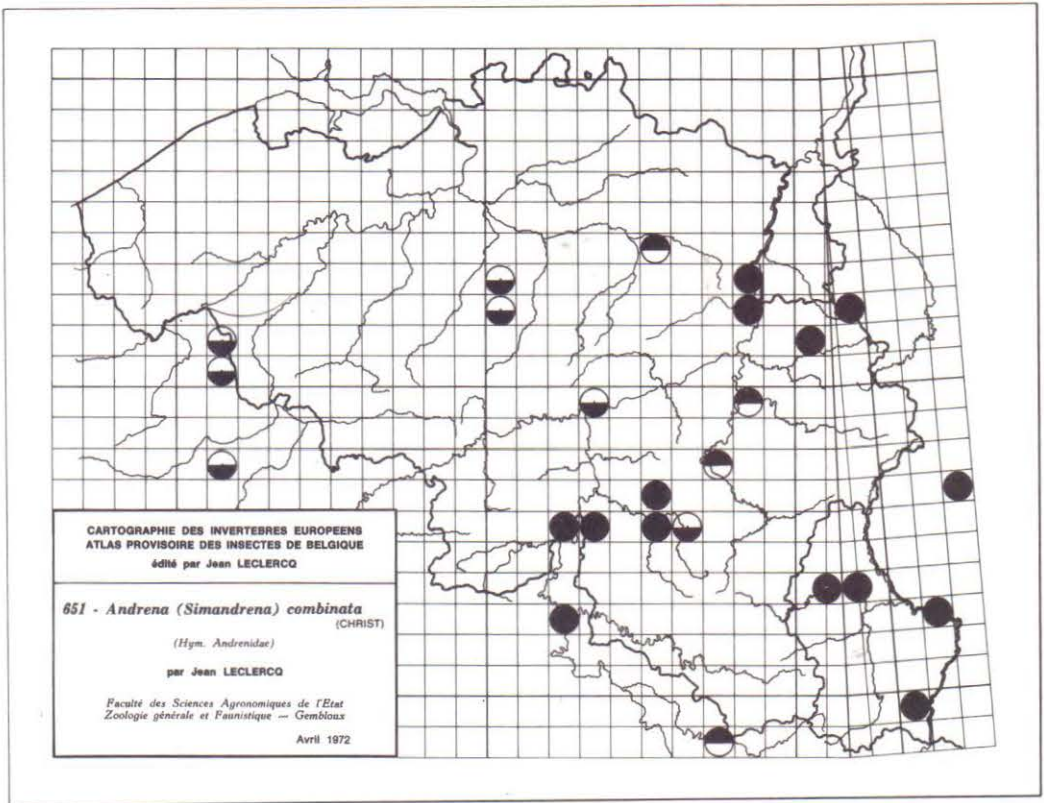
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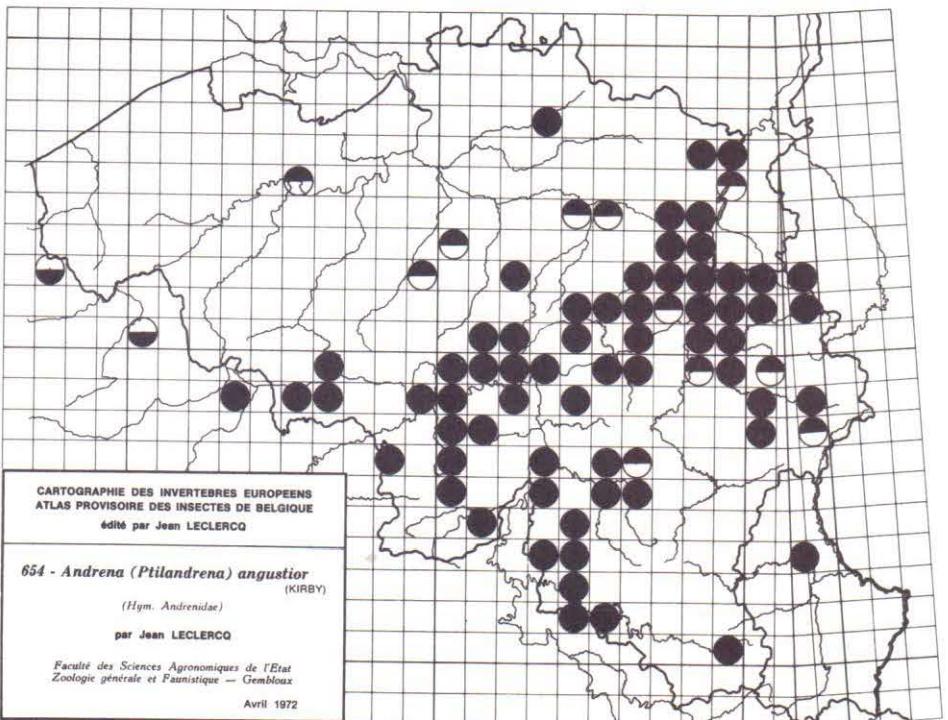
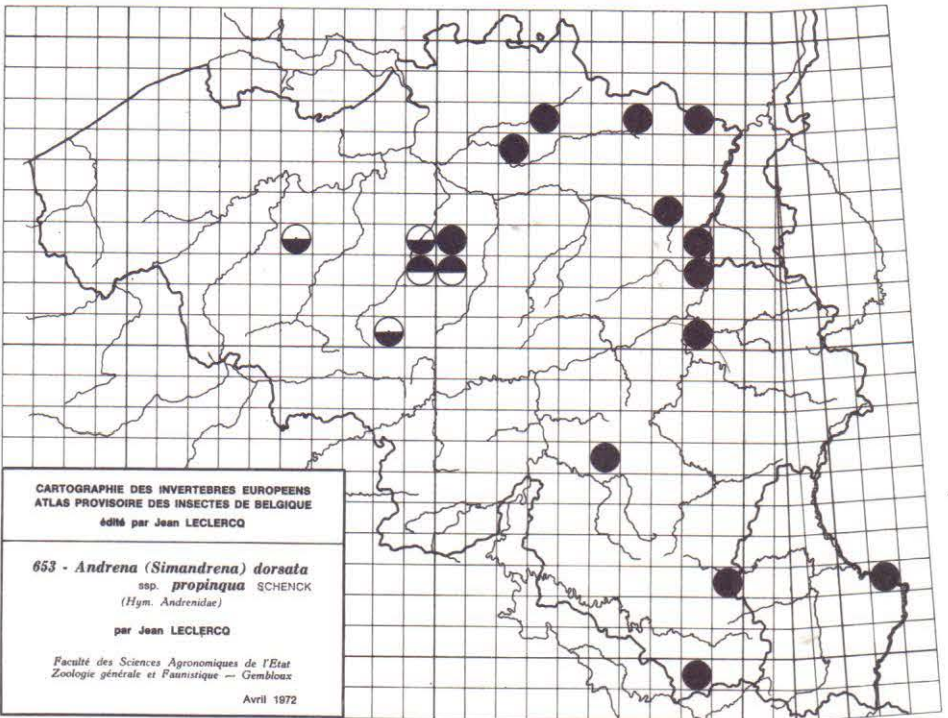


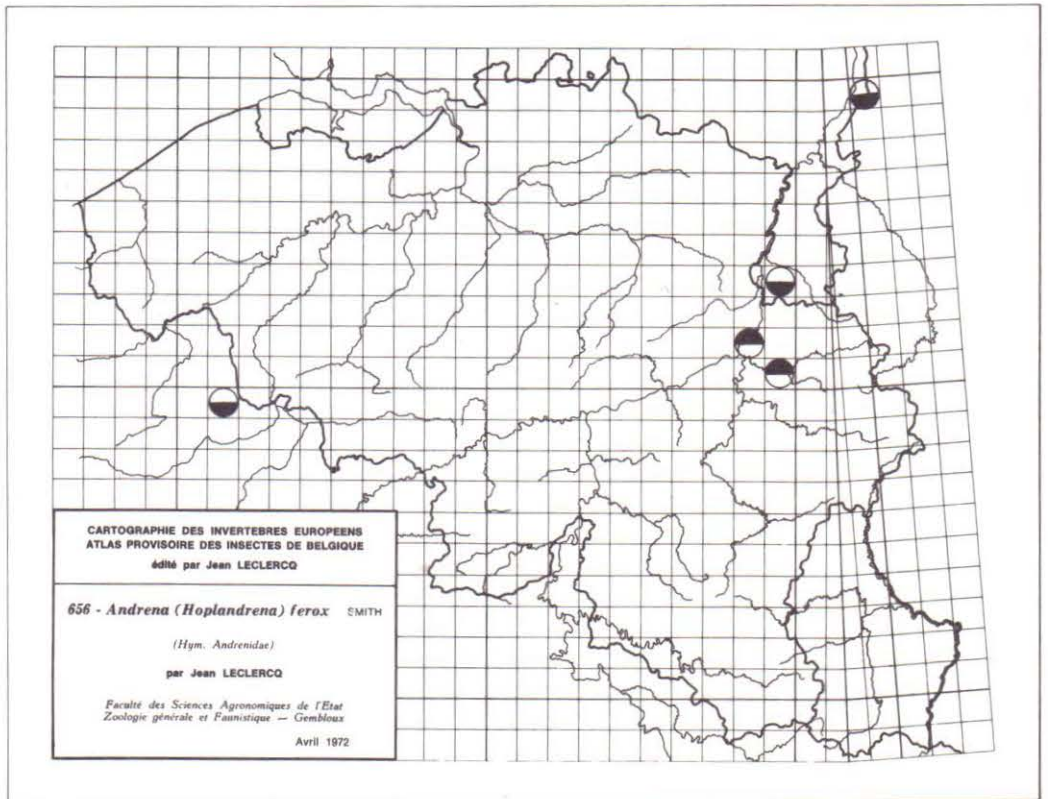
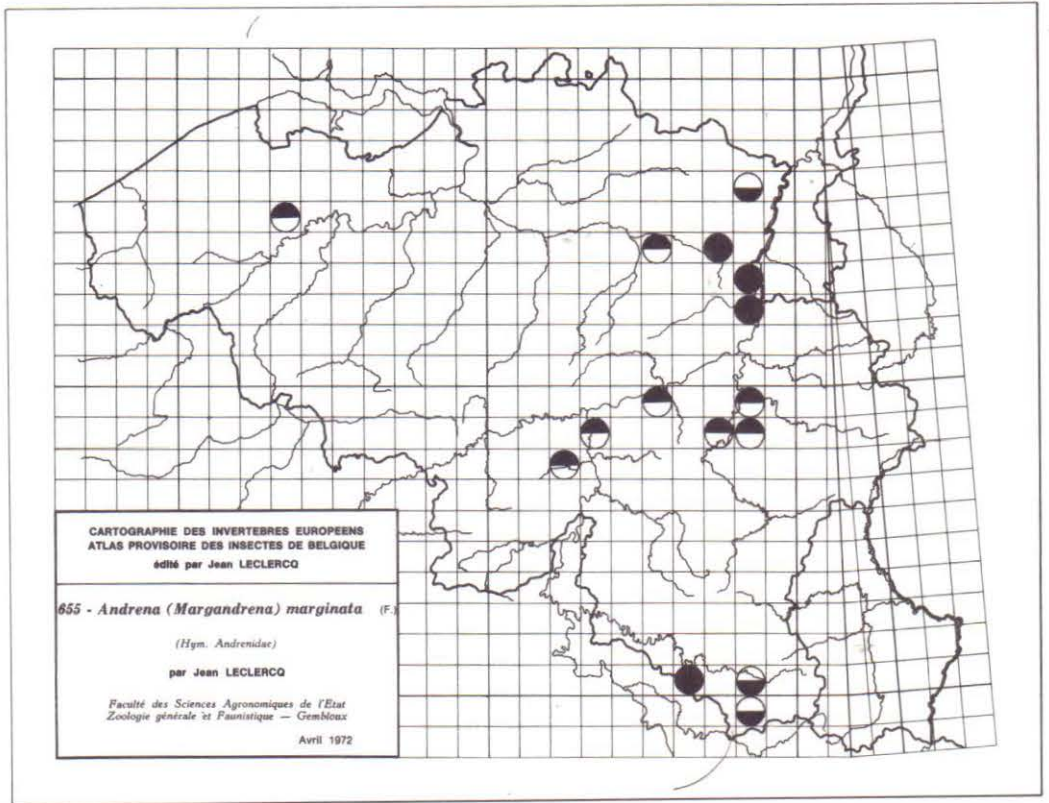


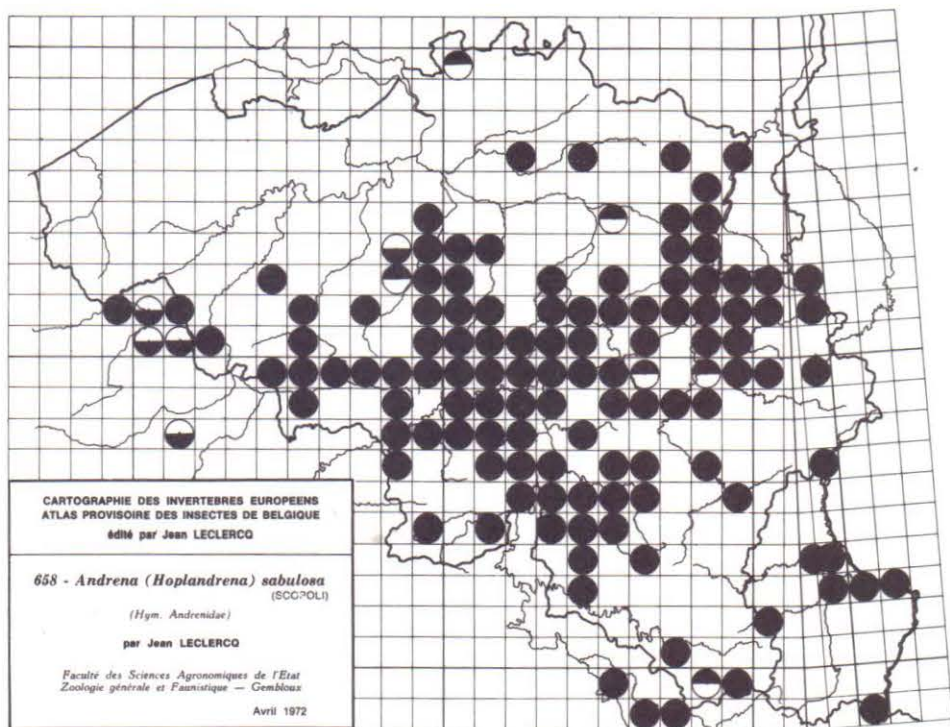
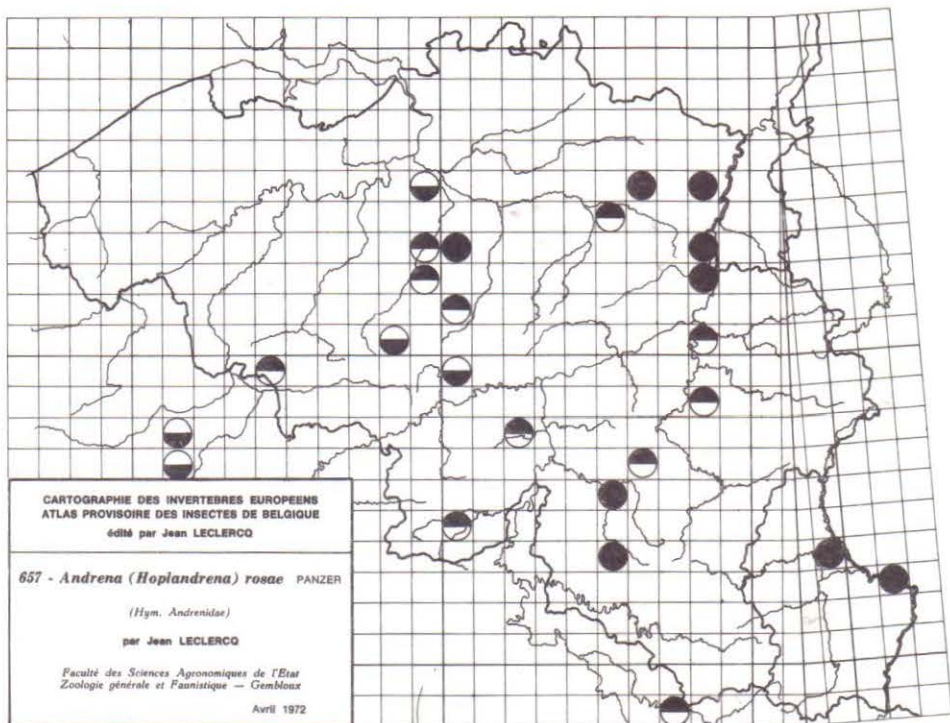


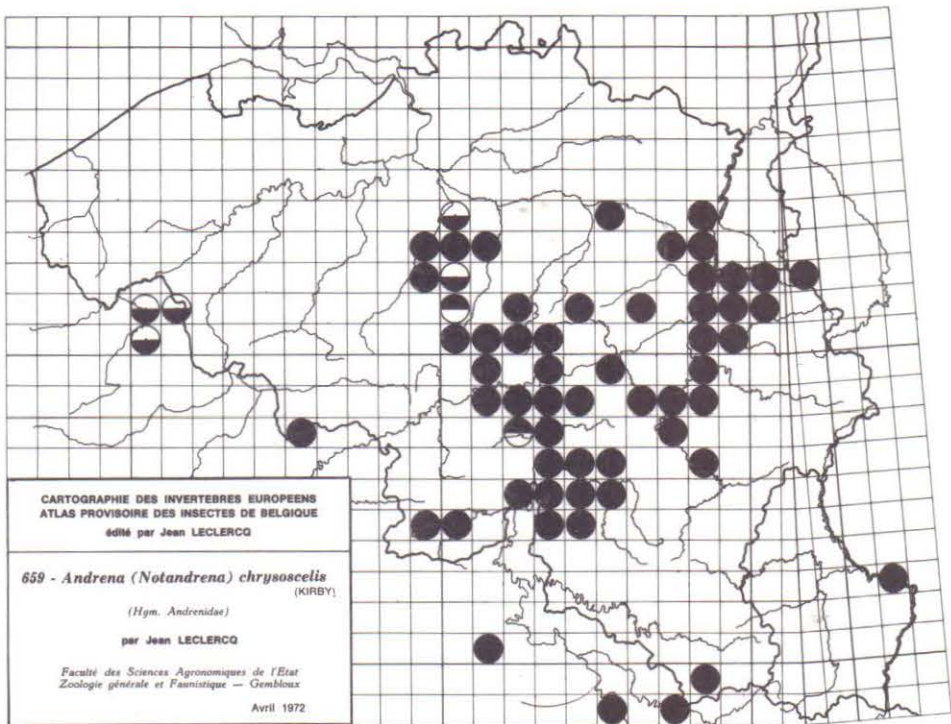








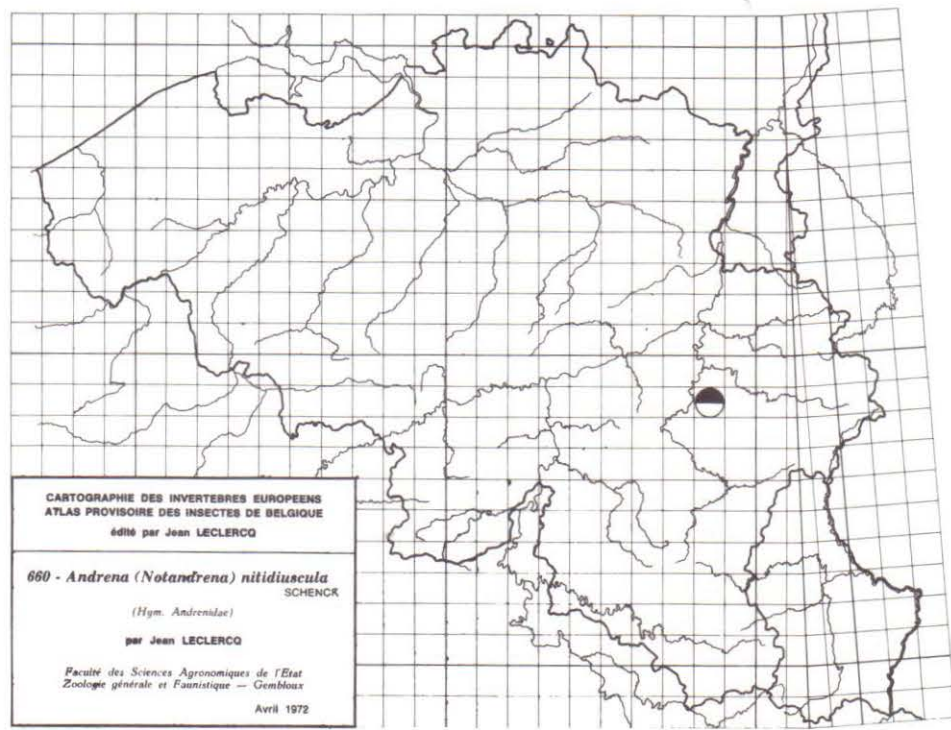




CARTOGRAPHIE DES INVERTEBRÉS EUROPEENS
 ATLAS PROVISOIRE DES INSECTES DE BELGIQUE
 édité par Jean LECLERCQ

659 - *Andrena (Notandrena) chrysoceles* (KIRBY)
 (Hym. Andrenidae)
 par Jean LECLERCQ

Faculté des Sciences Agronomiques de l'Etat
 Zoologie générale et Faunistique — Gembloux
 Avril 1972



CARTOGRAPHIE DES INVERTEBRÉS EUROPEENS
 ATLAS PROVISOIRE DES INSECTES DE BELGIQUE
 édité par Jean LECLERCQ

660 - *Andrena (Notandrena) nitidiuscula* SCHENCK
 (Hym. Andrenidae)
 par Jean LECLERCQ

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