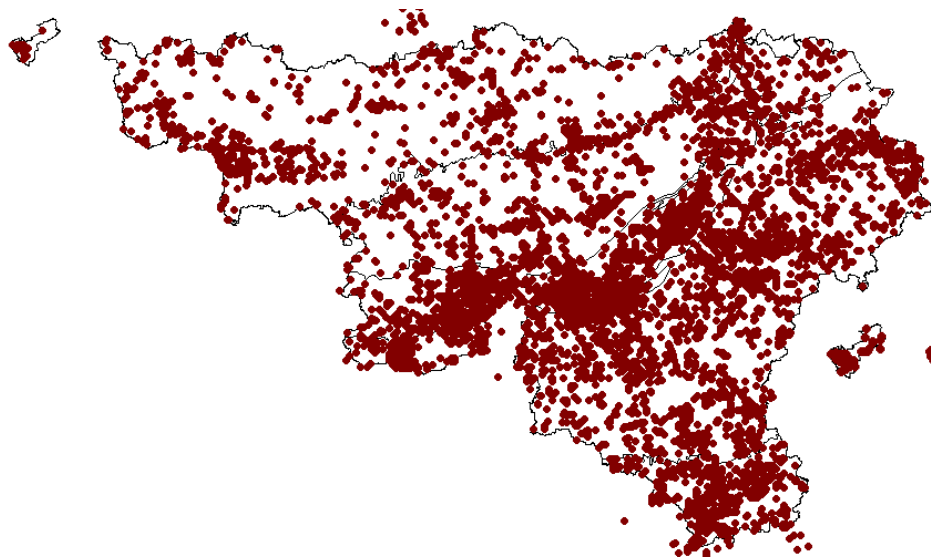


# Papillons de jour en Wallonie

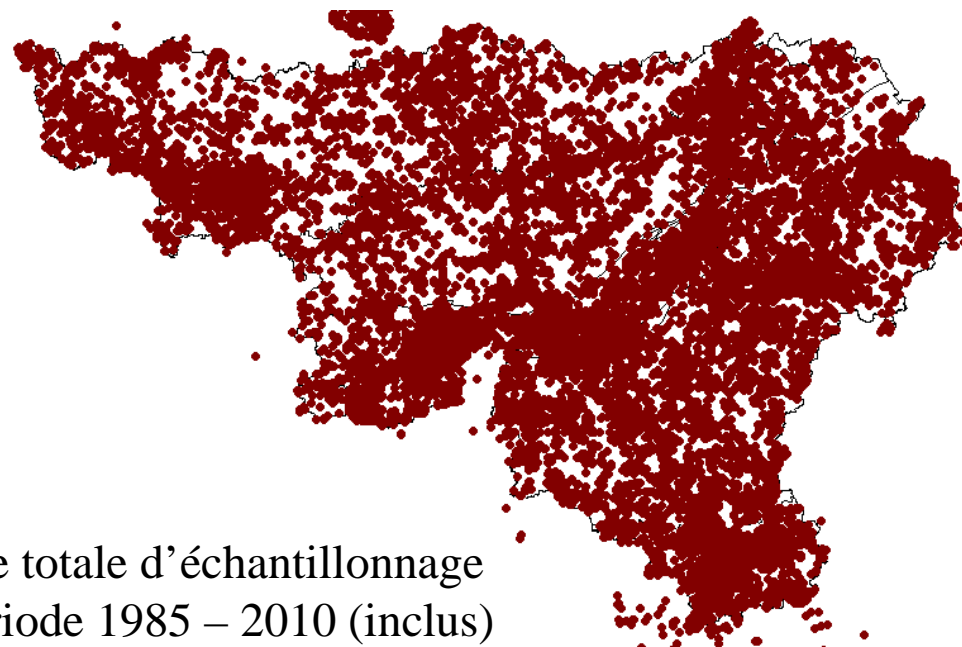
## Bilan de la saison de terrain 2010

- Comparaison des couvertures d'échantillonnage  
selon les périodes
- Comparaison de la carte de répartition de l'atlas et  
de la carte de répartition actualisée

Avril 2011



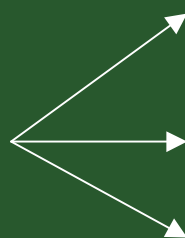
Couverture totale d'échantillonnage  
pour la période 1985 – 2007 (inclus)



Couverture totale d'échantillonnage  
pour la période 1985 – 2010 (inclus)

période 1985 – 2010 :

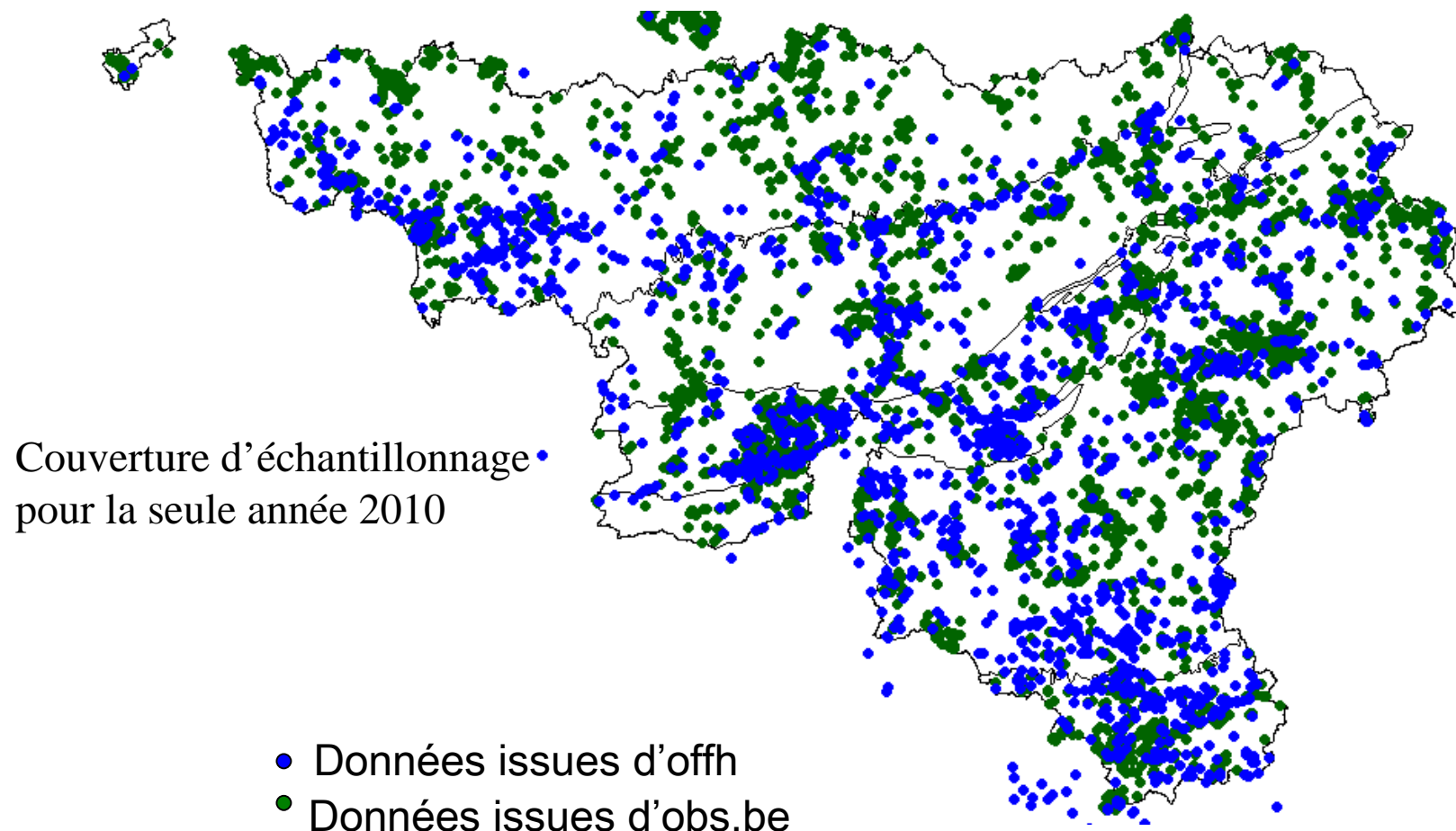
+ 250.000 données



155.600 DFF

40.300 OFFH en ligne

52.250 Obs.be

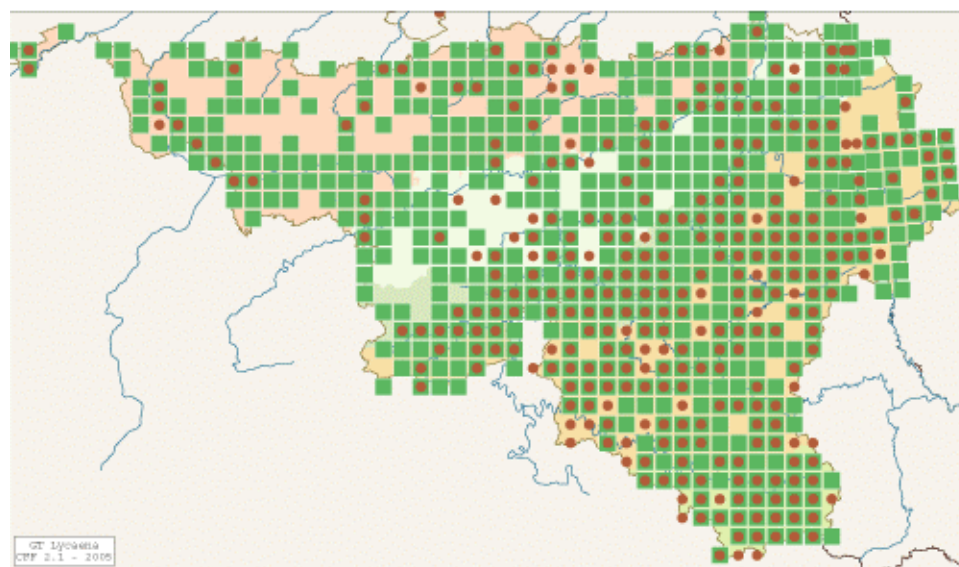


35.400 données

12.700  
OFFH en ligne

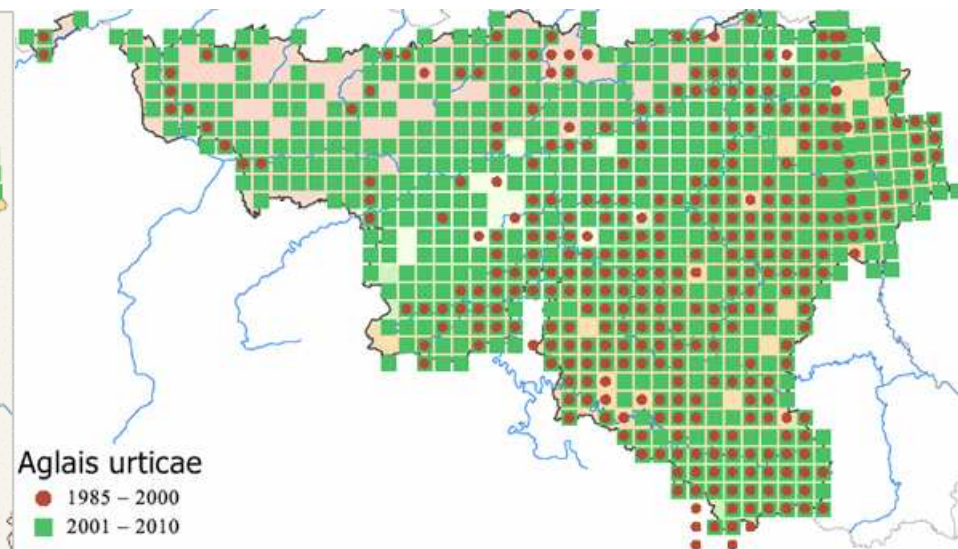
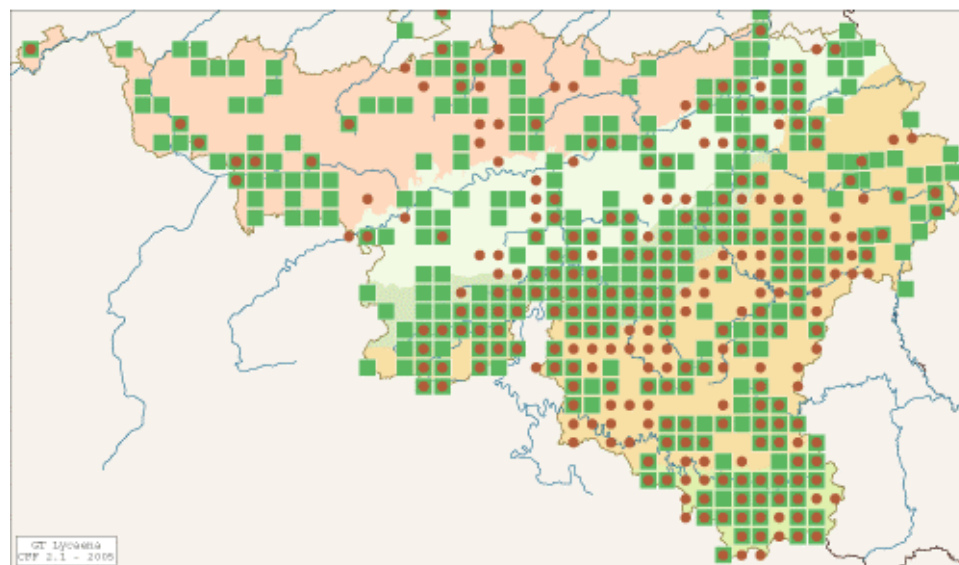
22.700  
Obs.be

# Comparaison des cartes atlas (à gauche) et récentes (à droite) par espèce



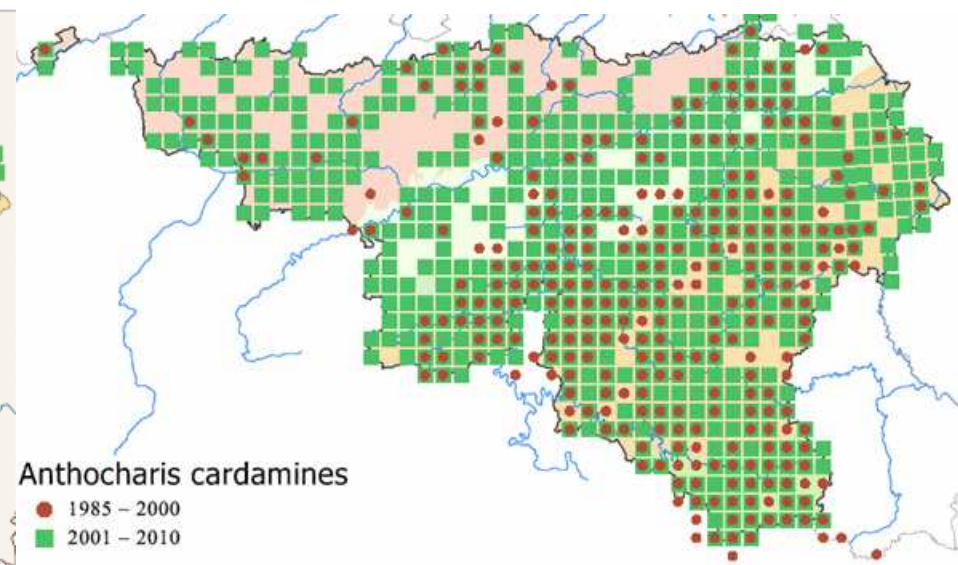
*Aglais urticae*

● 1985 - 2000 : 333 carrés  
■ 2001 - 2007 : 576 carrés



*Aglais urticae*

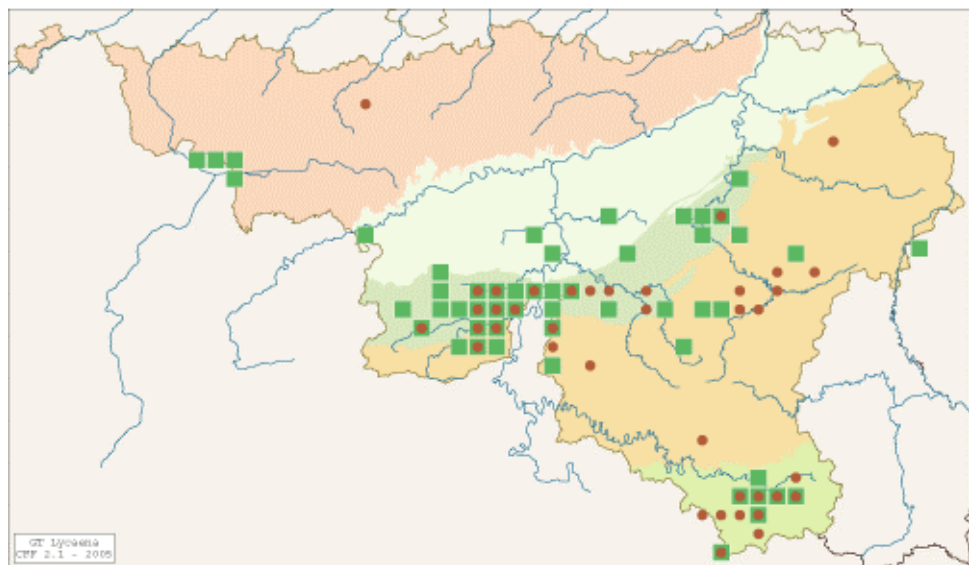
● 1985 - 2000  
■ 2001 - 2010



*Anthocharis cardamines*

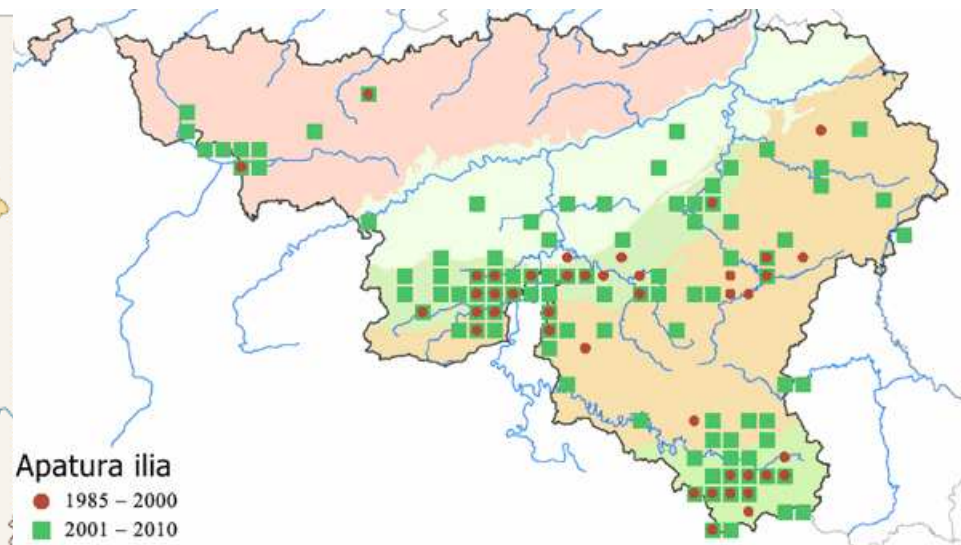
● 1985 - 2000  
■ 2001 - 2010





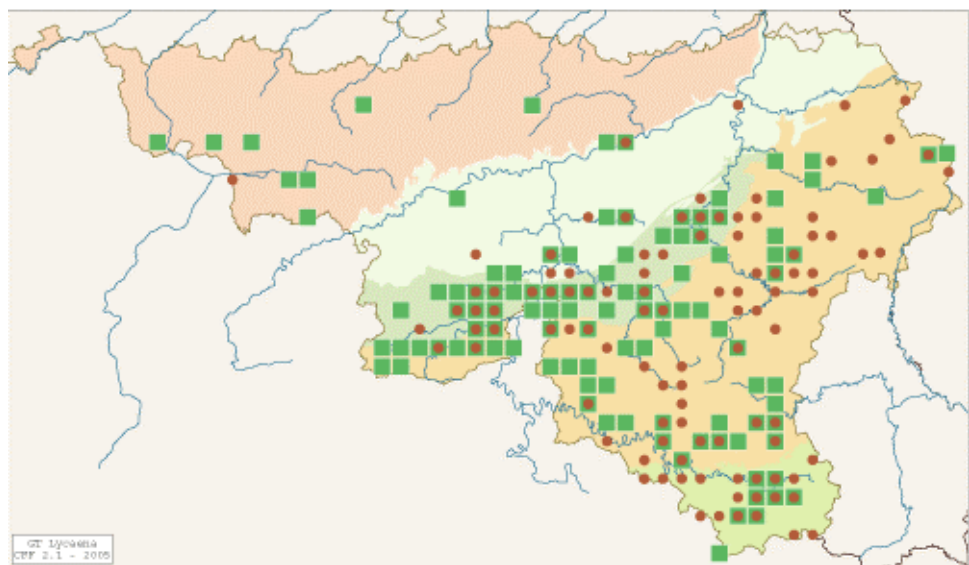
### *Apatura ilia*

● 1985 - 2000 : 39 carrés  
■ 2001 - 2007 : 52 carrés



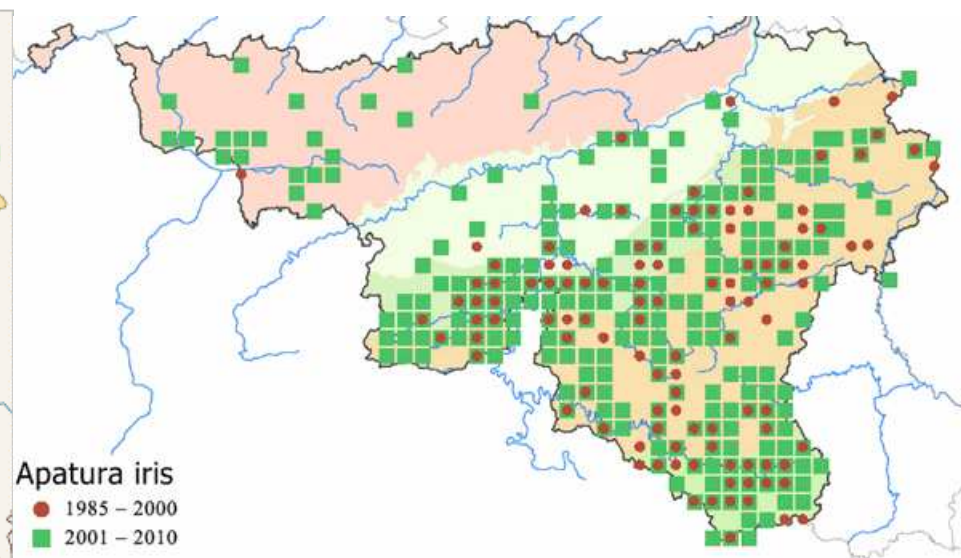
### *Apatura ilia*

● 1985 - 2000  
■ 2001 - 2010



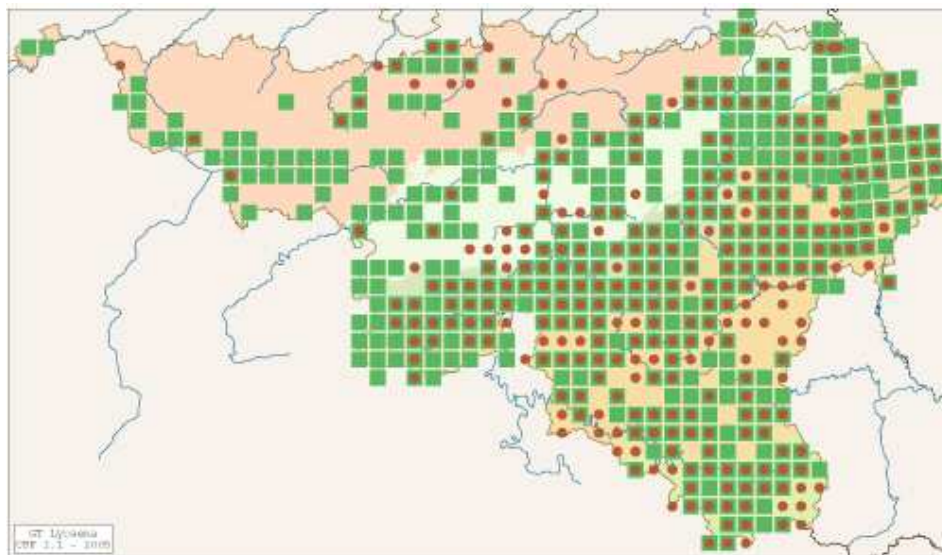
### *Apatura iris*

● 1985 - 2000 : 104 carrés  
■ 2001 - 2007 : 110 carrés



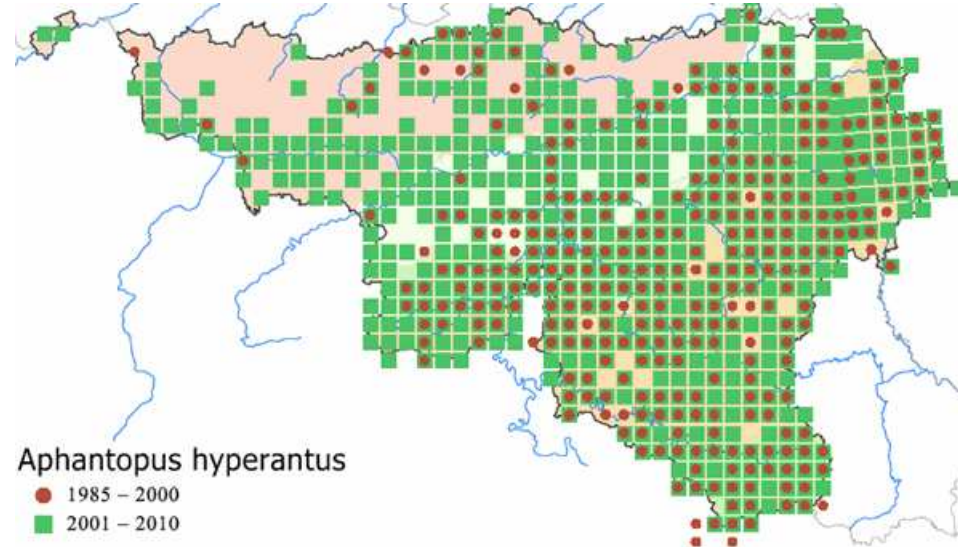
### *Apatura iris*

● 1985 - 2000  
■ 2001 - 2010



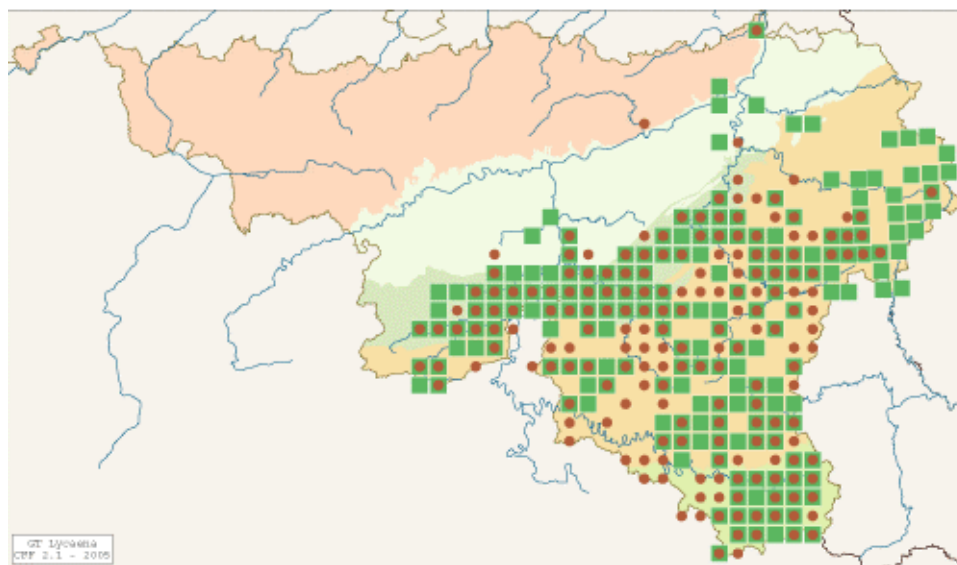
*Aphantopus hyperantus*

● 1985 - 2000 : 325 carrés  
 ■ 2001 - 2007 : 434 carrés



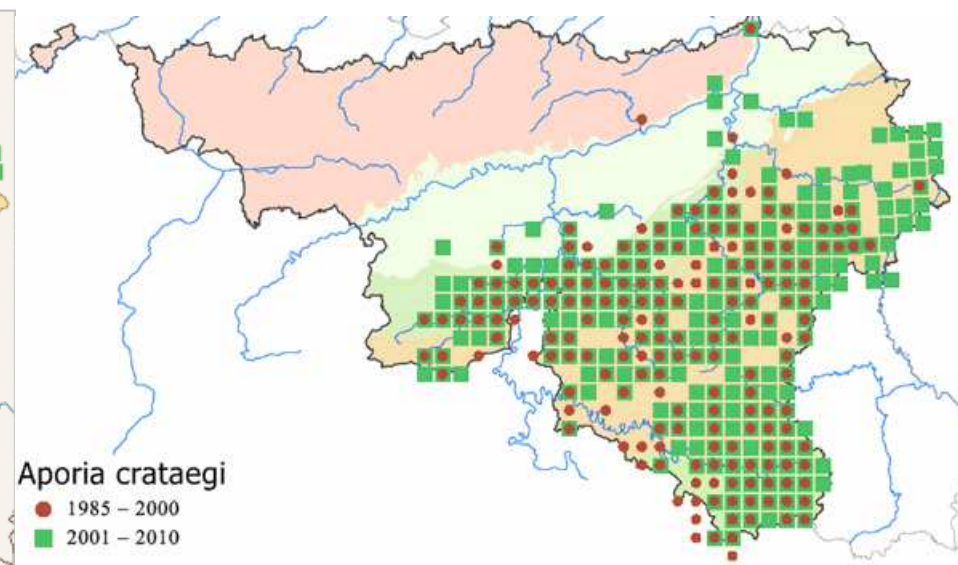
*Aphantopus hyperantus*

● 1985 - 2000  
 ■ 2001 - 2010



*Aporia crataegi*

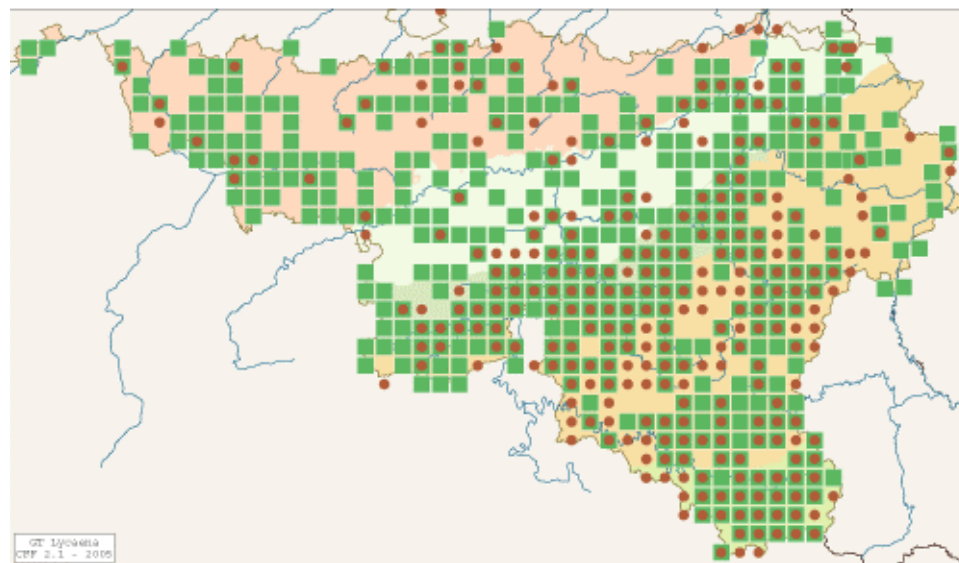
● 1985 - 2000 : 194 carrés  
 ■ 2001 - 2007 : 199 carrés



*Aporia crataegi*

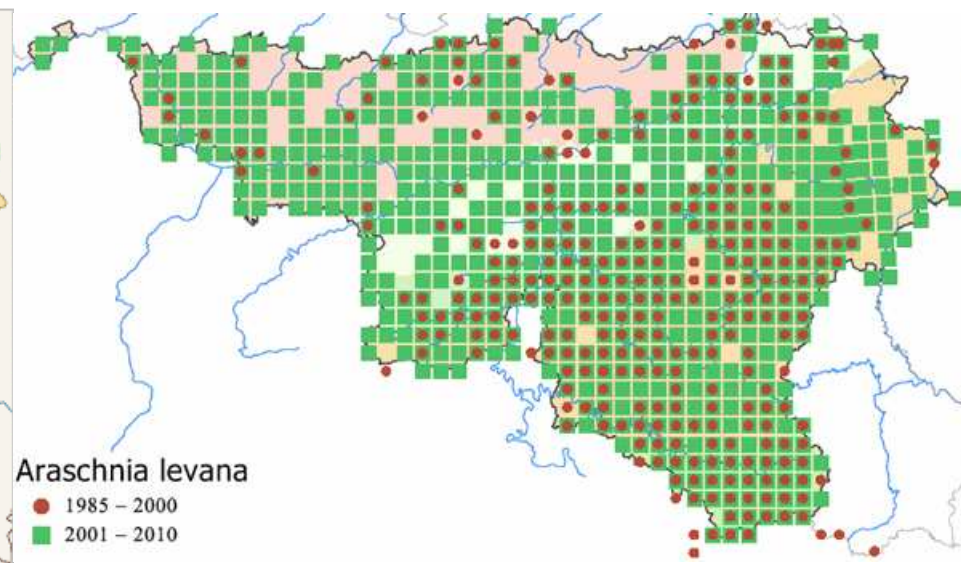
● 1985 - 2000  
 ■ 2001 - 2010





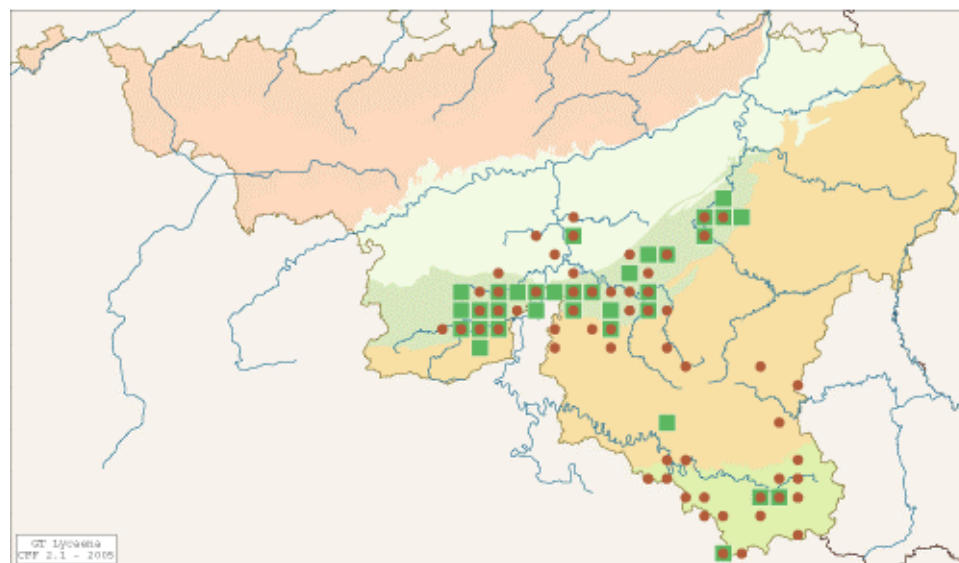
*Araschnia levana*

● 1985 - 2000 : 301 carrés  
■ 2001 - 2007 : 426 carrés



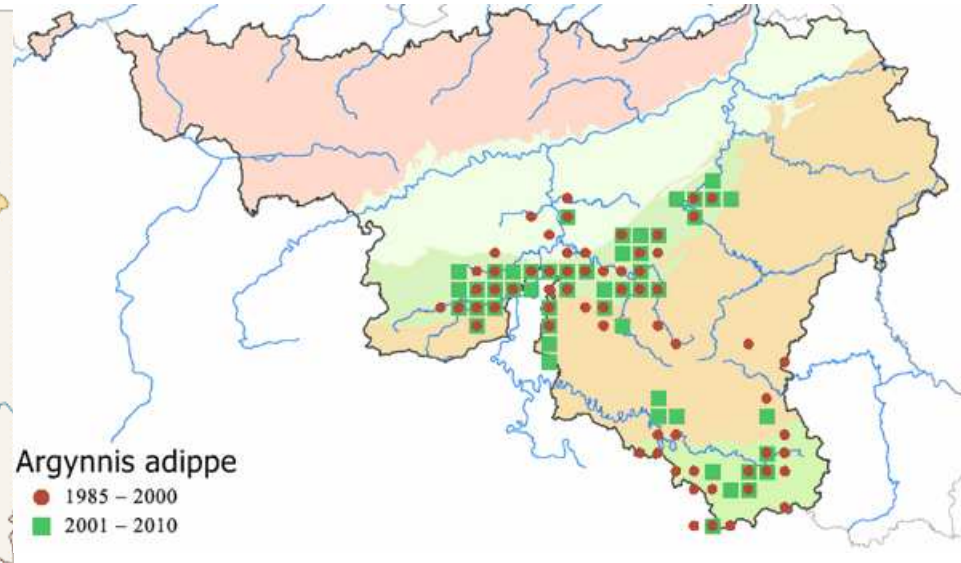
*Araschnia levana*

● 1985 - 2000  
■ 2001 - 2010



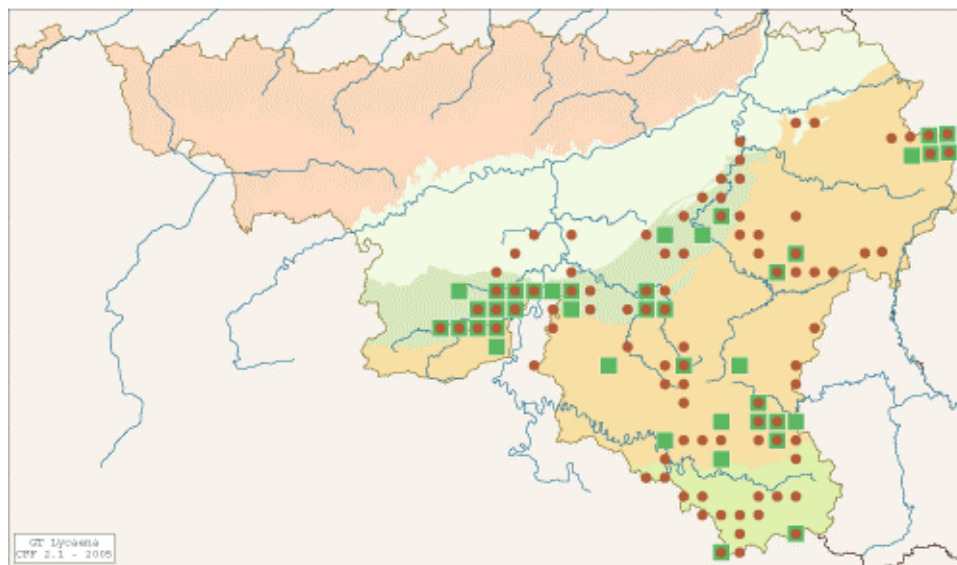
*Argynnis adippe*

● 1985 - 2000 : 59 carrés  
■ 2001 - 2007 : 33 carrés



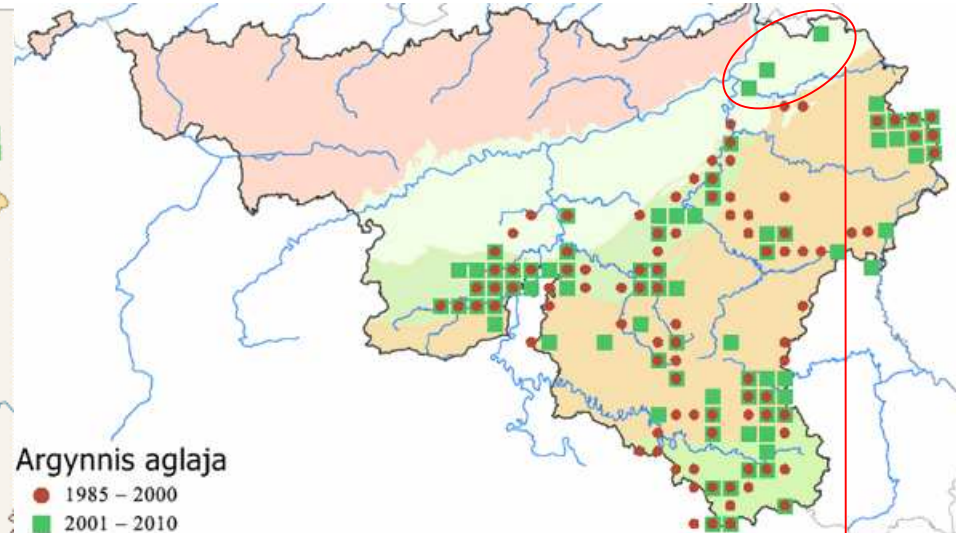
*Argynnis adippe*

● 1985 - 2000  
■ 2001 - 2010



*Argynnis aglaja*

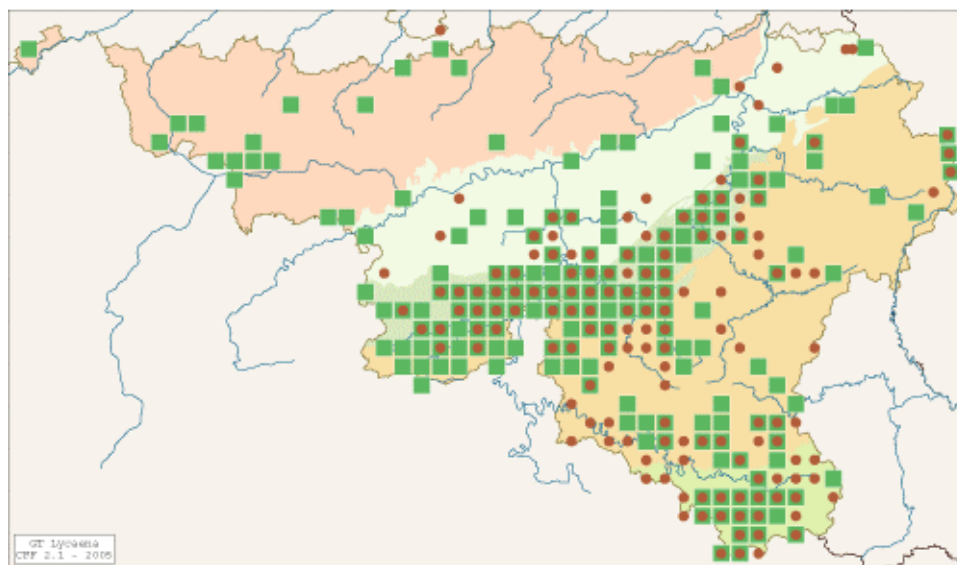
● 1985 - 2000 : 93 carrés  
■ 2001 - 2007 : 41 carrés



*Argynnis aglaja*

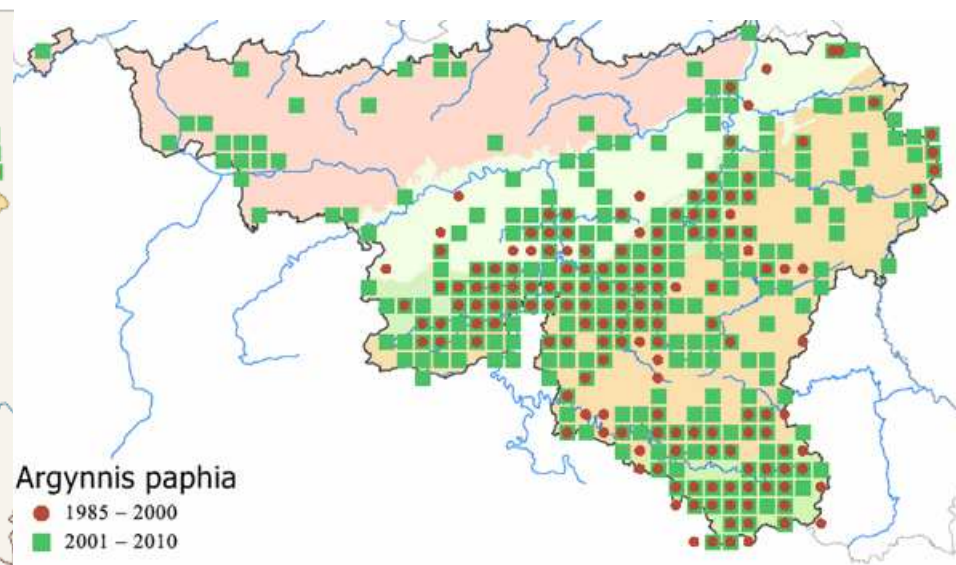
● 1985 - 2000  
■ 2001 - 2010

Données validées



*Argynnis paphia*

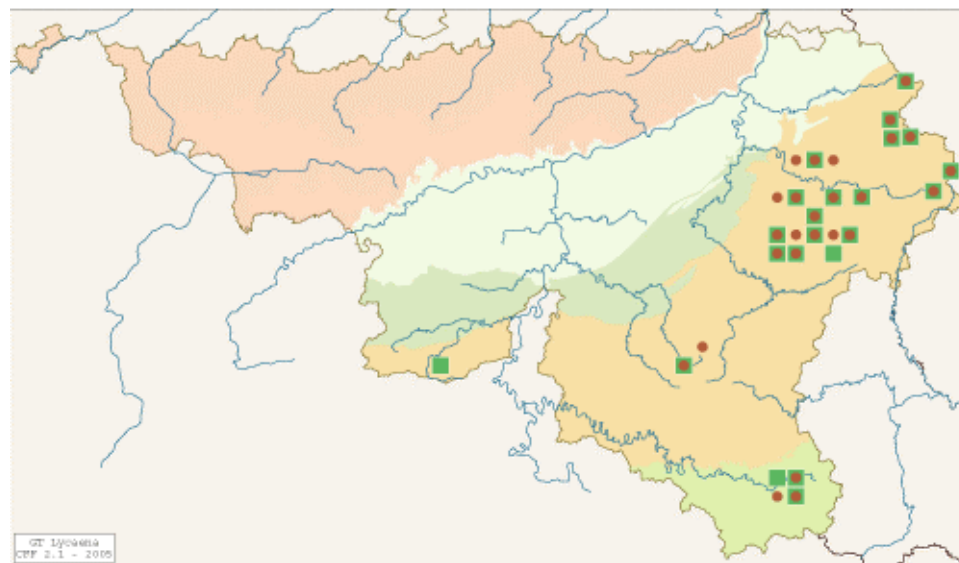
● 1985 - 2000 : 151 carrés  
■ 2001 - 2007 : 183 carrés



*Argynnis paphia*

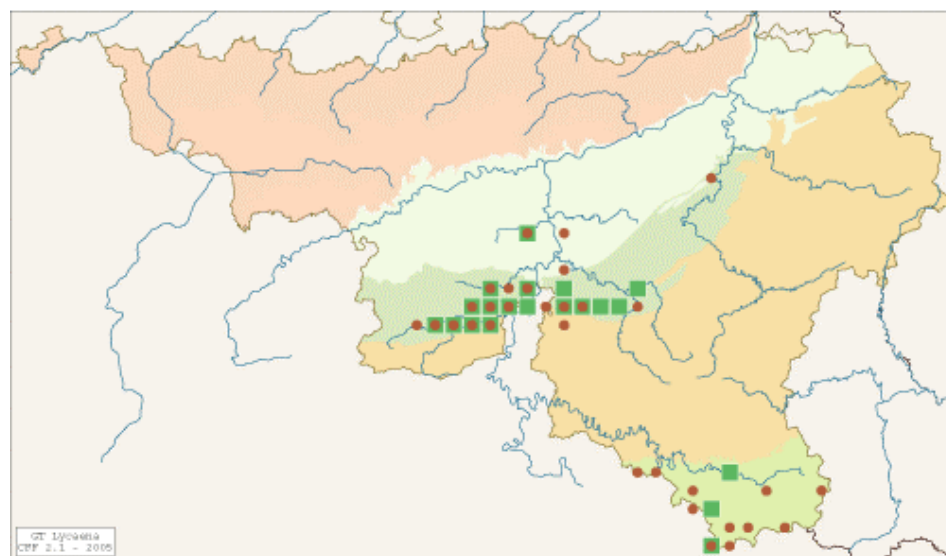
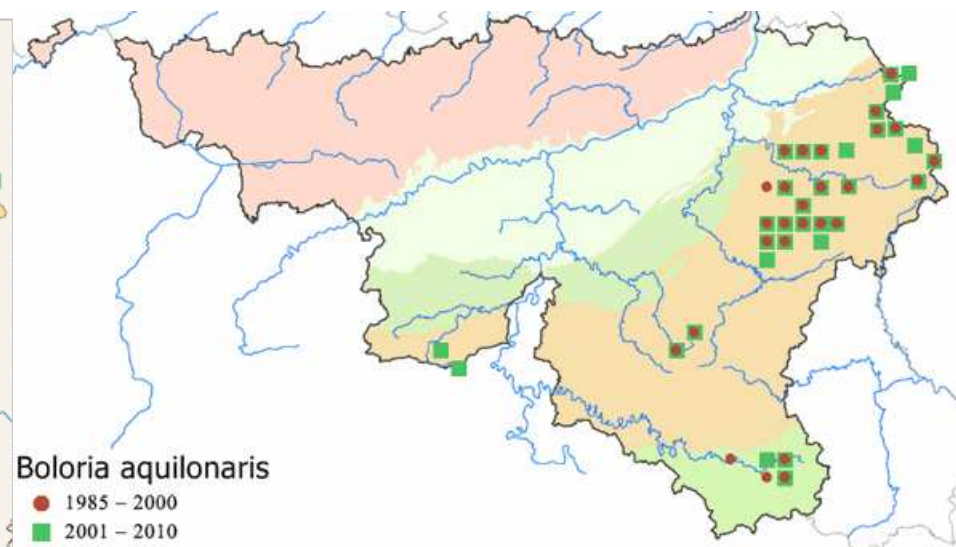
● 1985 - 2000  
■ 2001 - 2010





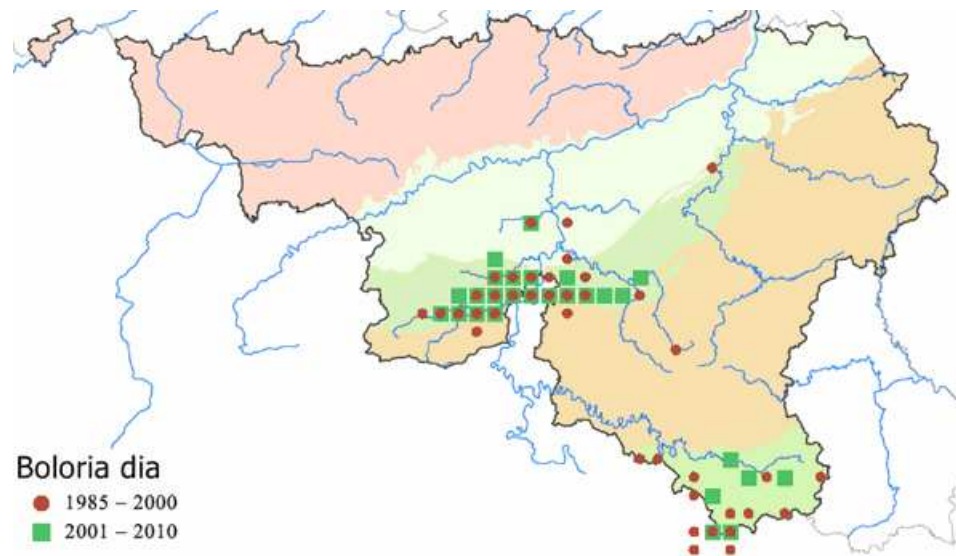
### *Boloria aquilonaris*

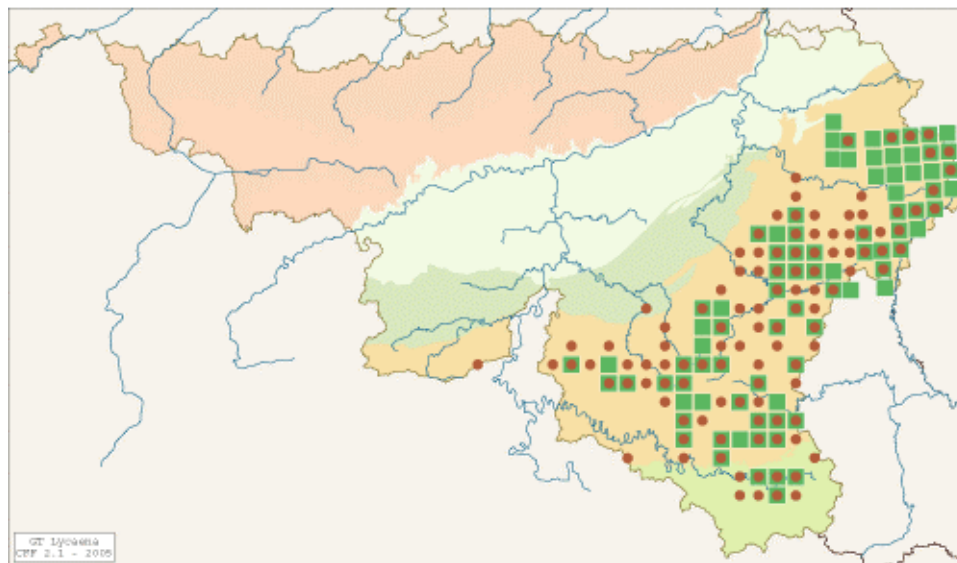
- 1985 - 2000 : 26 carrés
- 2001 - 2007 : 22 carrés



### *Clossiana dia*

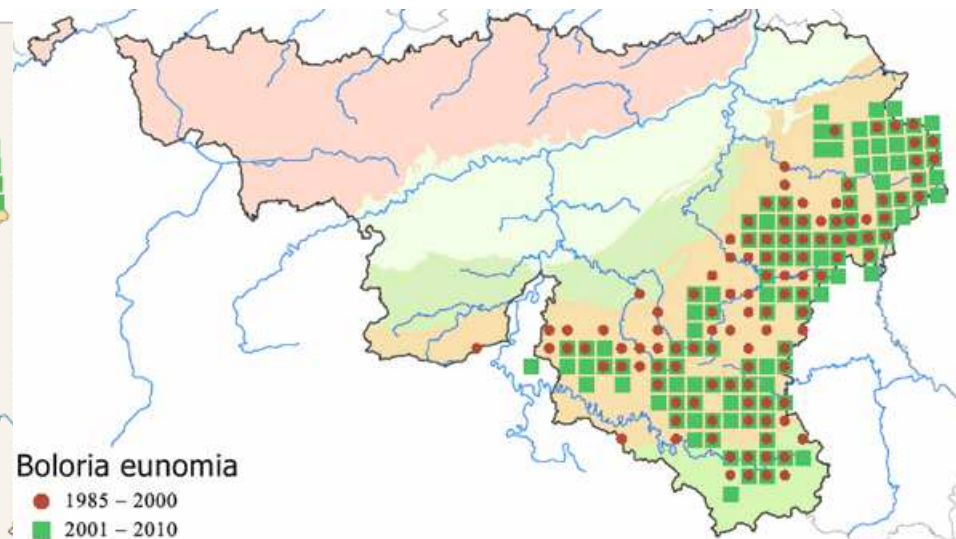
- 1985 - 2000 : 31 carrés
- 2001 - 2007 : 20 carrés





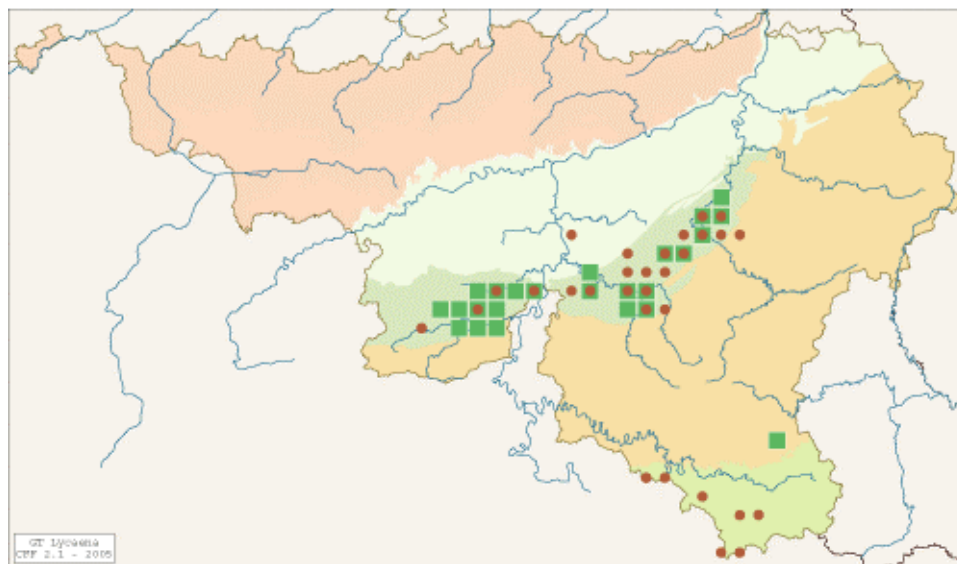
*Proclossiana eunomia*

● 1985 - 2000 : 112 carrés  
■ 2001 - 2007 : 85 carrés



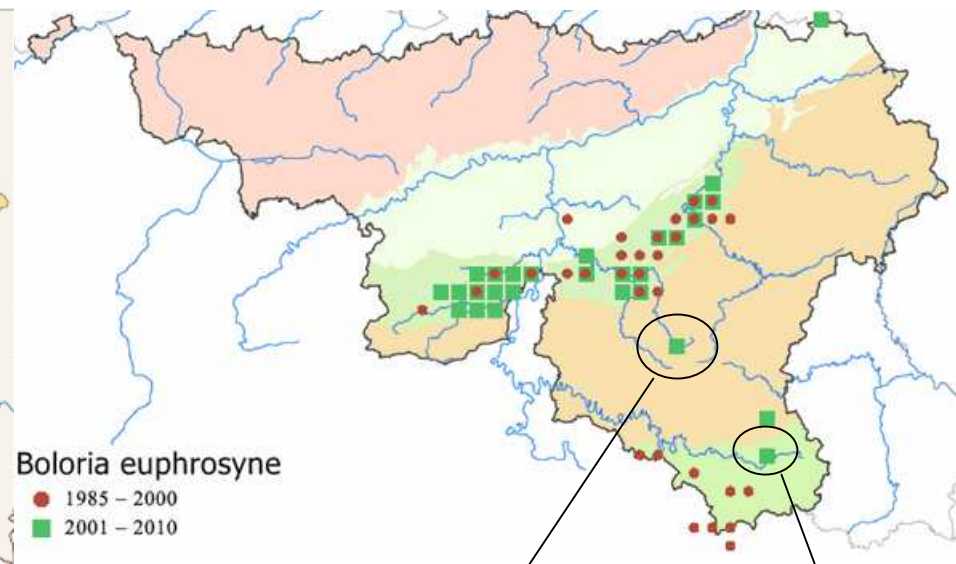
*Boloria eunomia*

● 1985 - 2000  
■ 2001 - 2010



*Clossiana euphrosyne*

● 1985 - 2000 : 30 carrés  
■ 2001 - 2007 : 24 carrés



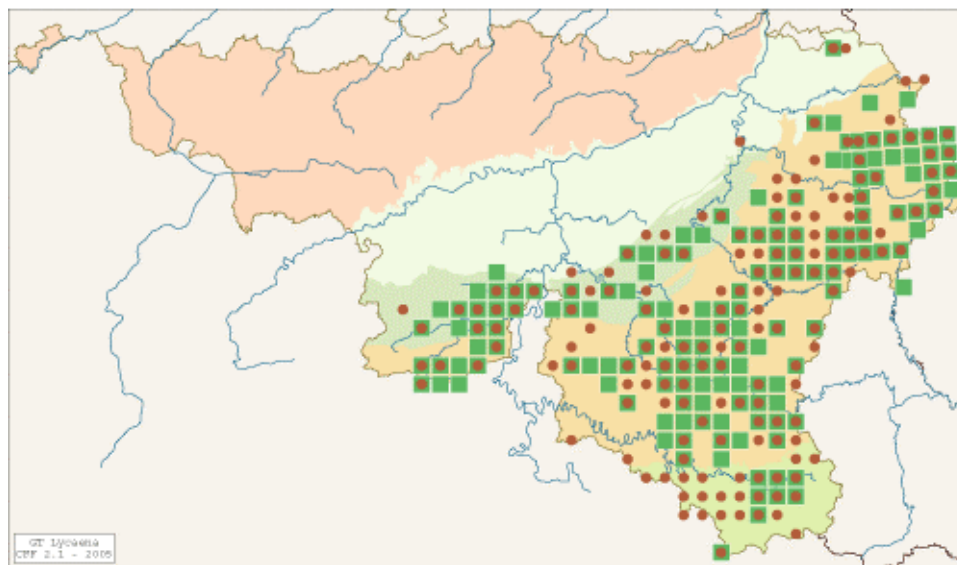
*Boloria euphrosyne*

● 1985 - 2000  
■ 2001 - 2010

donnée sans doute erronée,  
en cours de validation

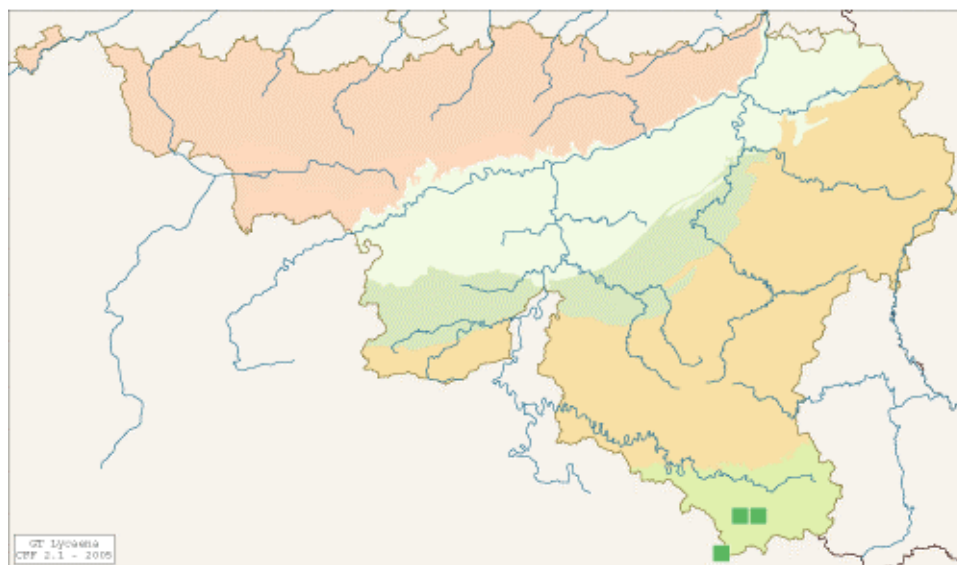
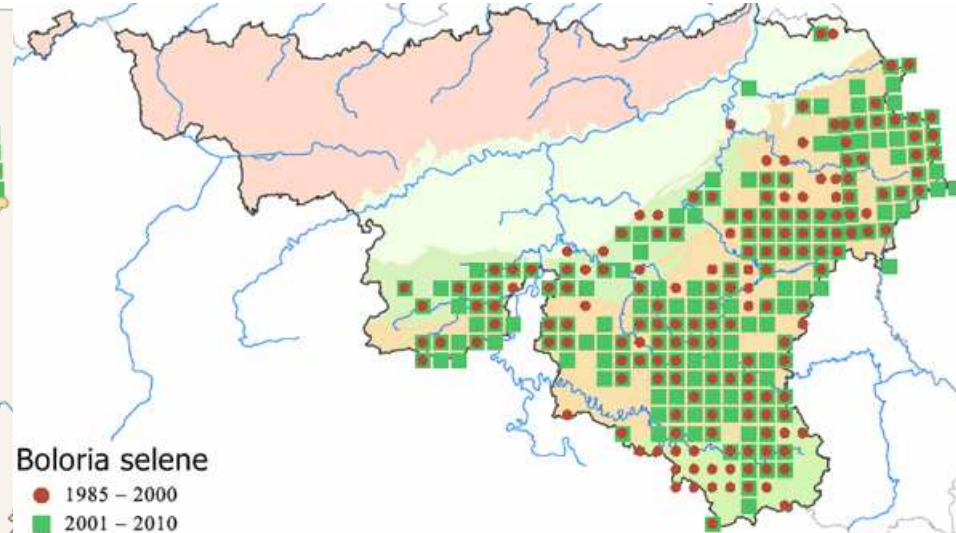
Erreur, confusion  
avec *B. selene*





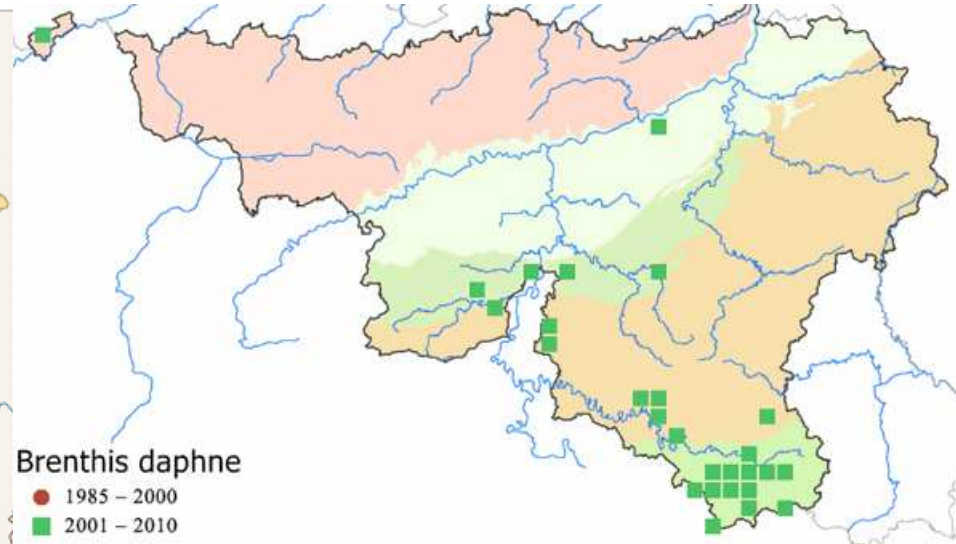
*Clossiana selene*

● 1985 - 2000 : 175 carrés  
■ 2001 - 2007 : 158 carrés

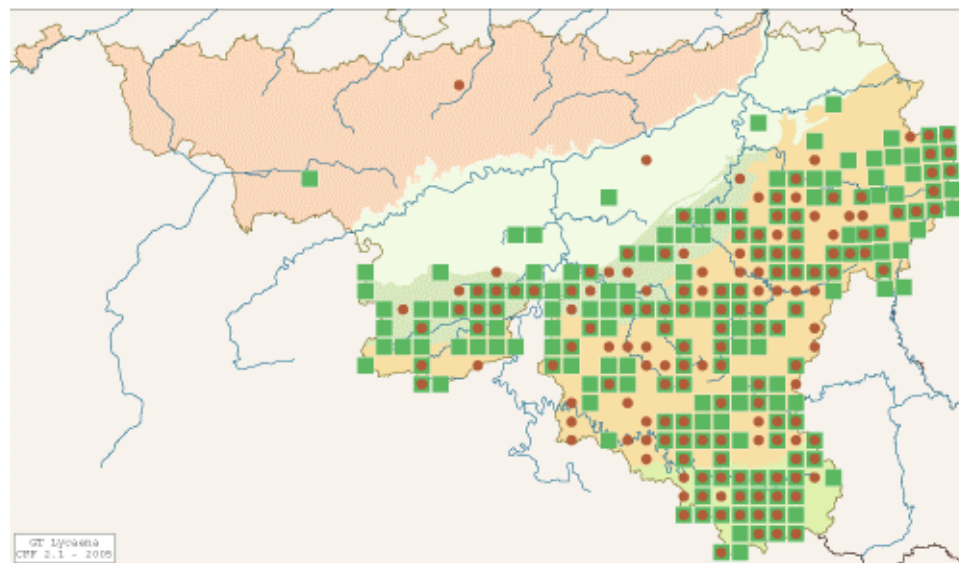


*Brenthis daphne*

● 1985 - 2000 : 0 carrés  
■ 2001 - 2007 : 3 carrés

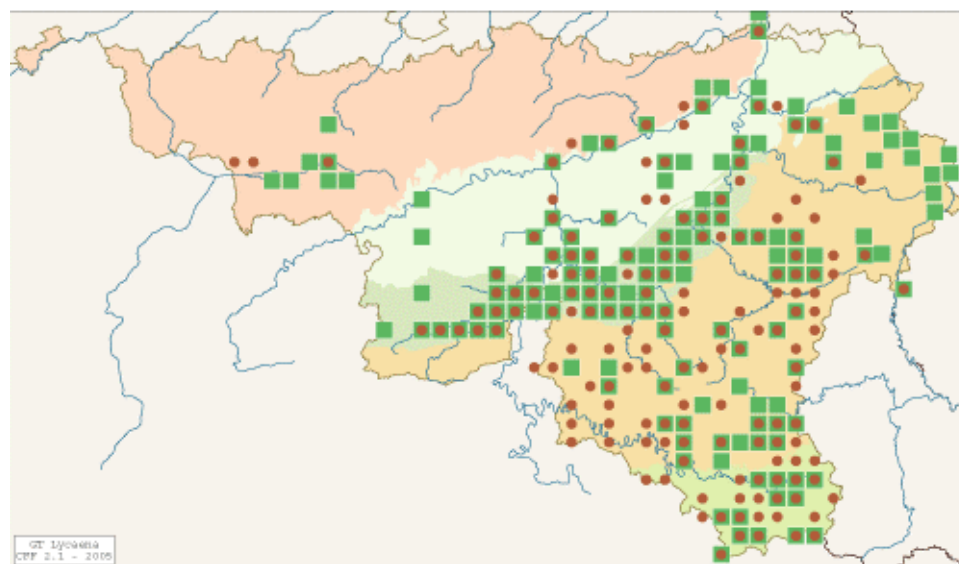
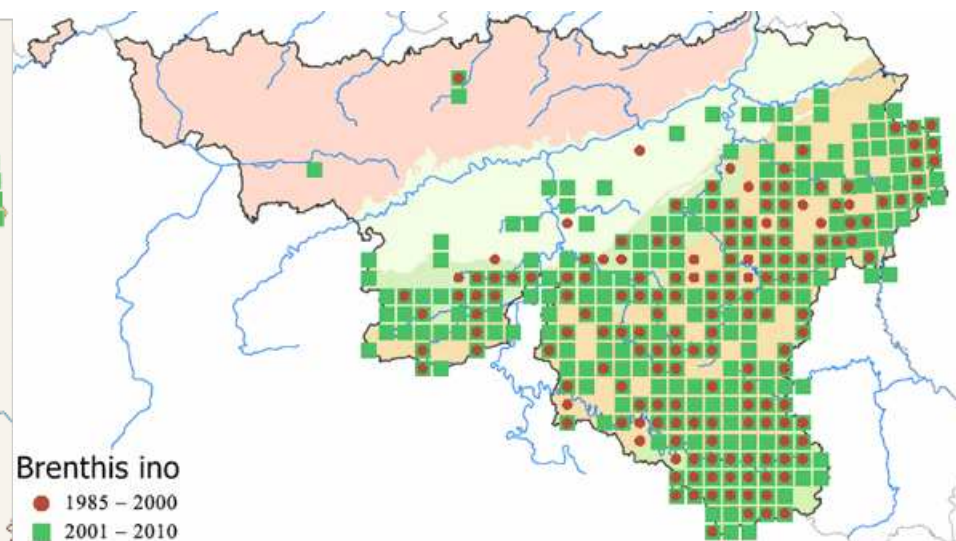






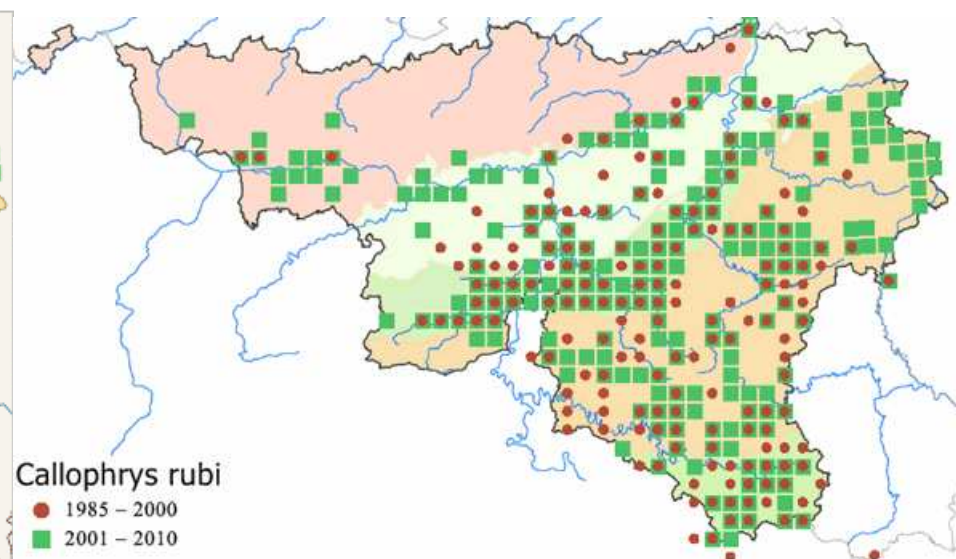
### *Brenthis ino*

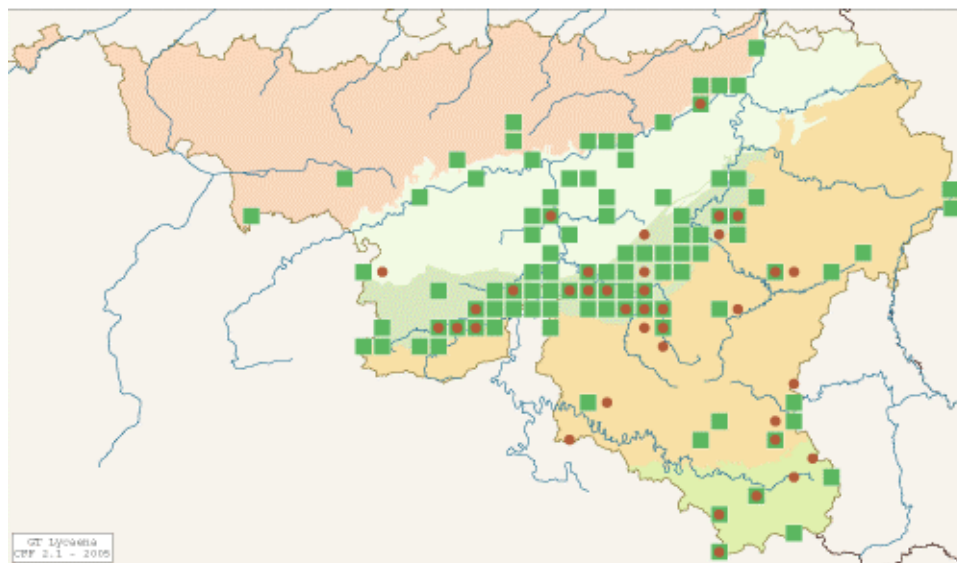
- 1985 - 2000 : 169 carrés
- 2001 - 2007 : 201 carrés



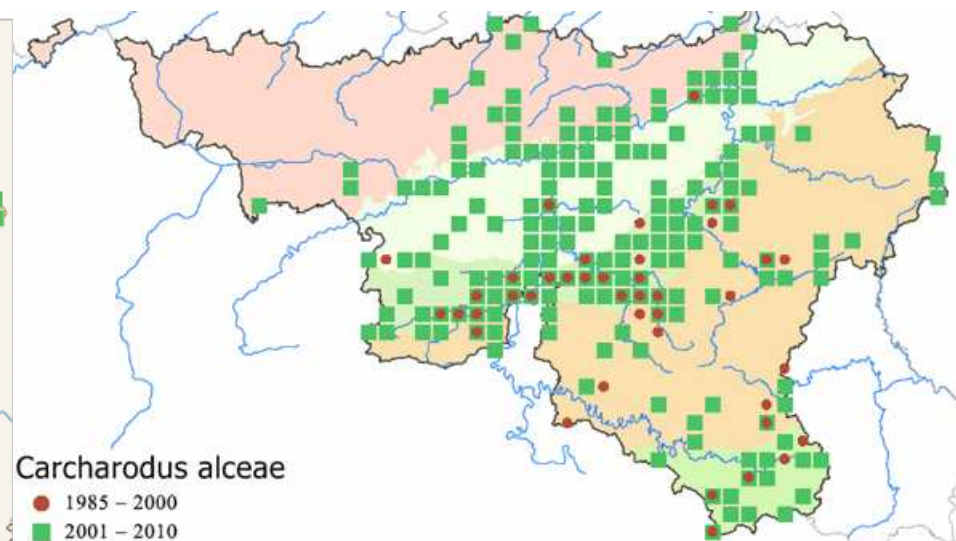
### *Callophrys rubi*

- 1985 - 2000 : 165 carrés
- 2001 - 2007 : 151 carrés



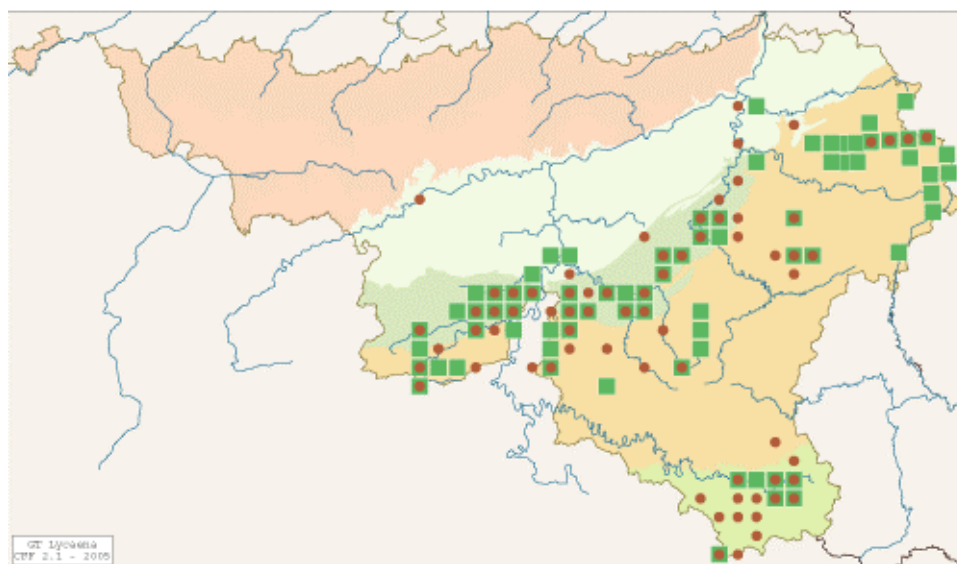


*Carcharodus alceae*

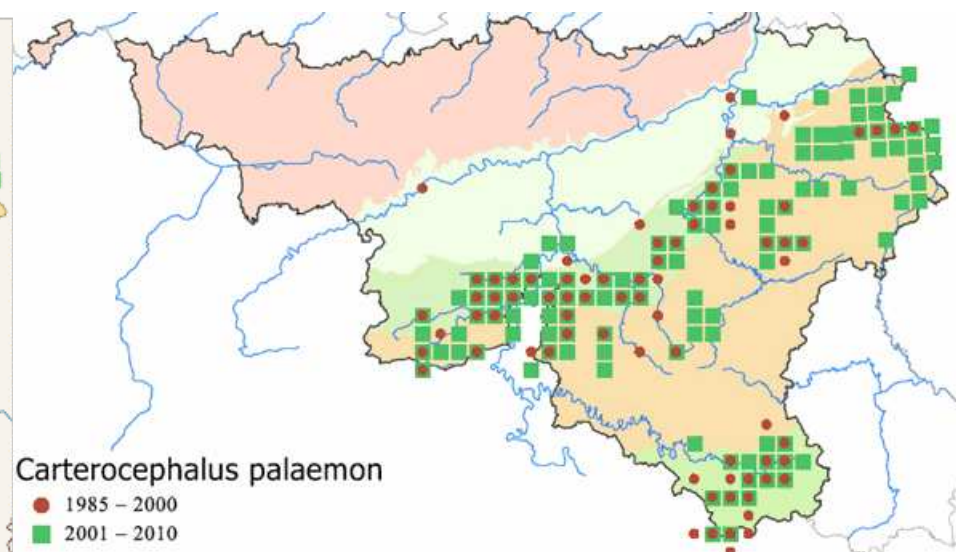


*Carcharodus alceae*

● 1985 - 2000  
■ 2001 - 2010



*Carterocephalus palaemon*

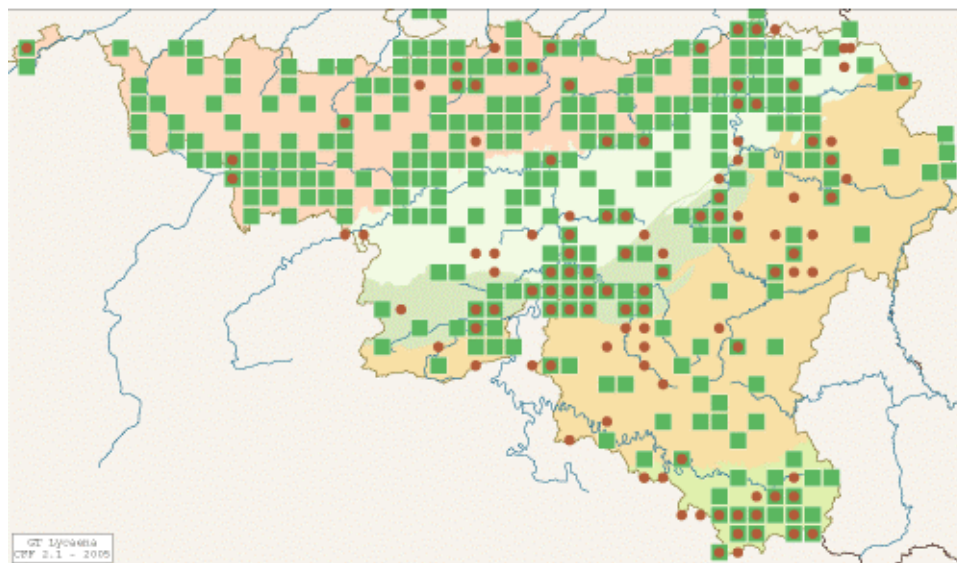


*Carterocephalus palaemon*

● 1985 - 2000  
■ 2001 - 2010

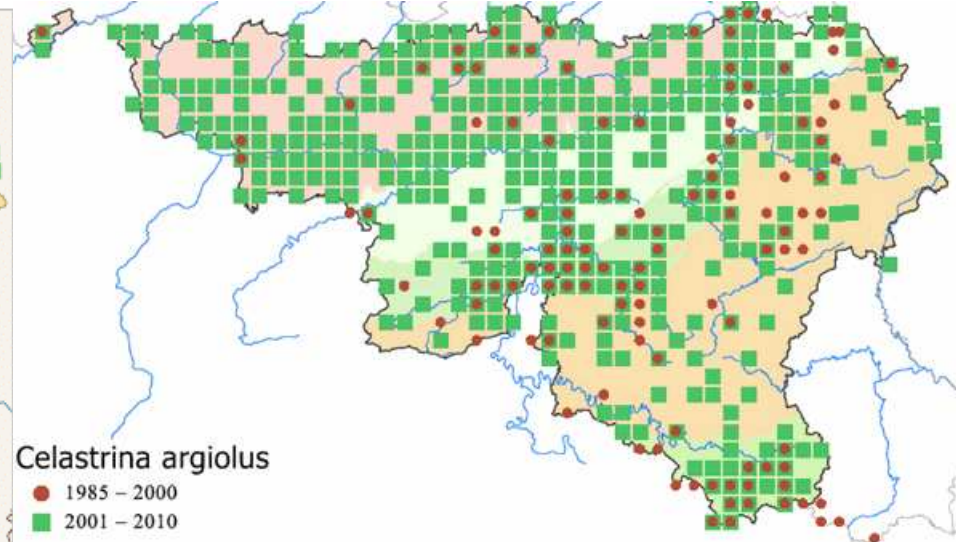
● 1985 - 2000 : 71 carrés  
■ 2001 - 2007 : 75 carrés





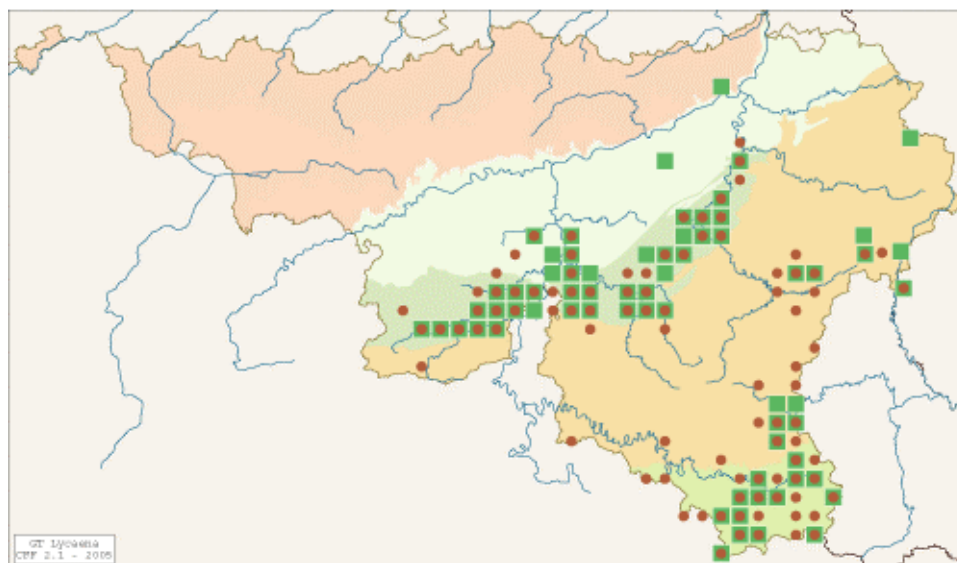
*Celastrina argiolus*

● 1985 - 2000 : 115 carrés  
■ 2001 - 2007 : 286 carrés



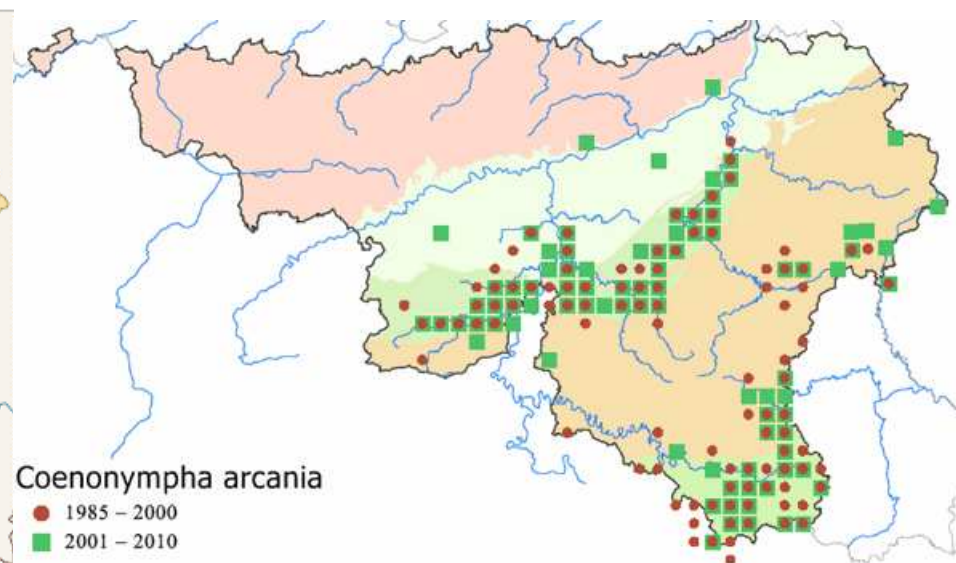
*Celastrina argiolus*

● 1985 - 2000  
■ 2001 - 2010



*Coenonympha arcania*

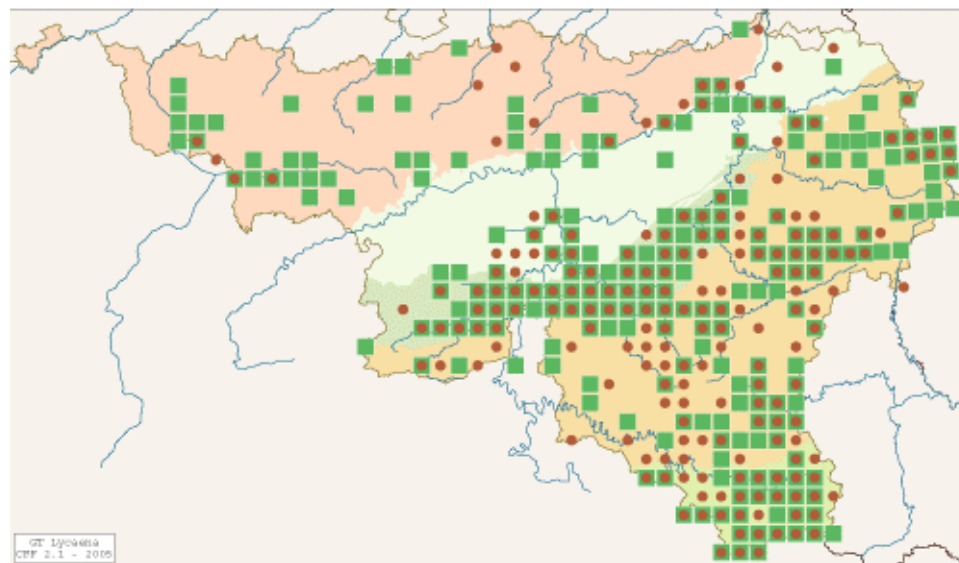
● 1985 - 2000 : 94 carrés  
■ 2001 - 2007 : 68 carrés



*Coenonympha arcania*

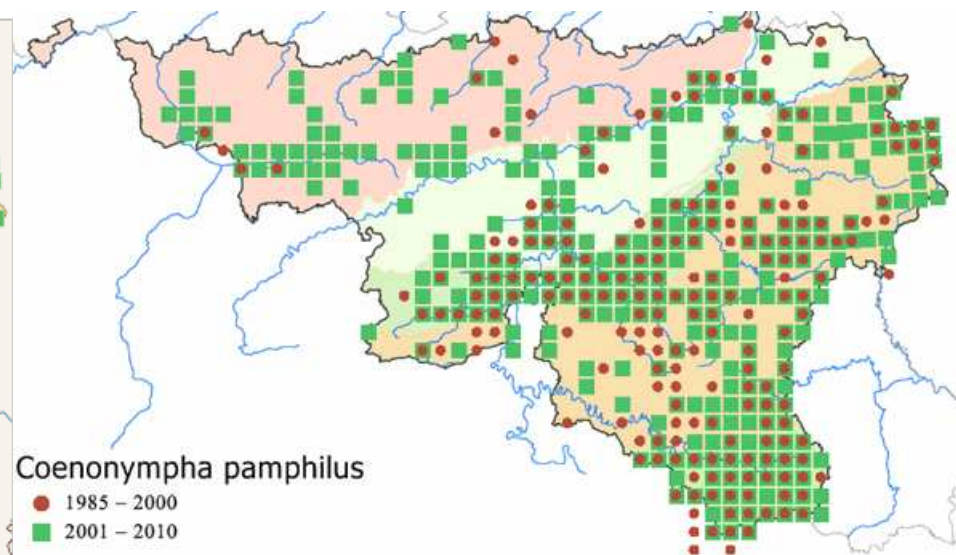
● 1985 - 2000  
■ 2001 - 2010





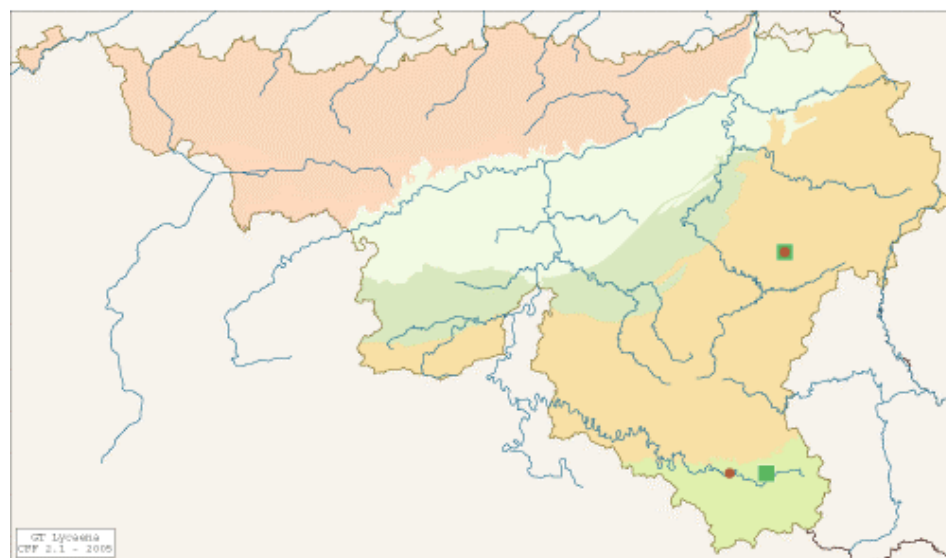
*Coenonympha pamphilus*

● 1985 - 2000 : 209 carrés  
■ 2001 - 2007 : 236 carrés



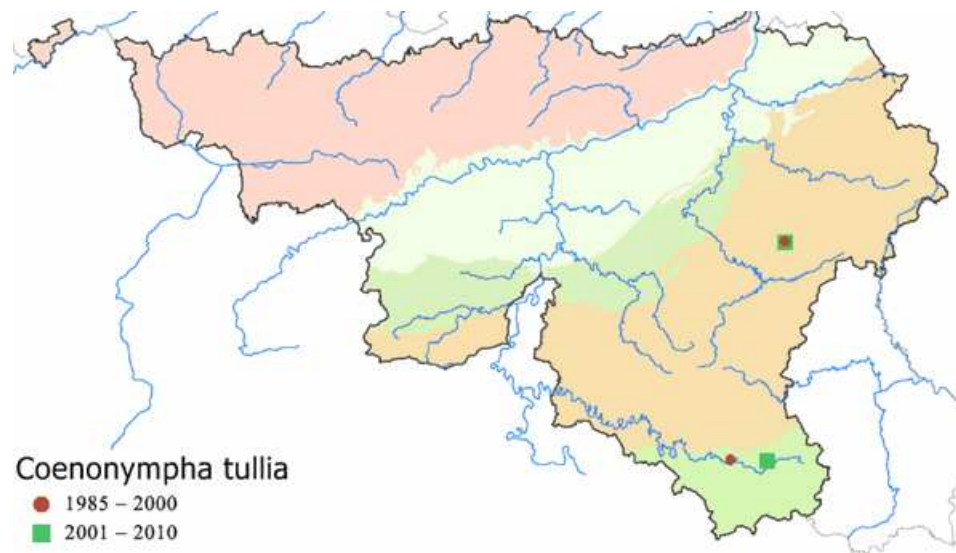
*Coenonympha pamphilus*

● 1985 - 2000  
■ 2001 - 2010



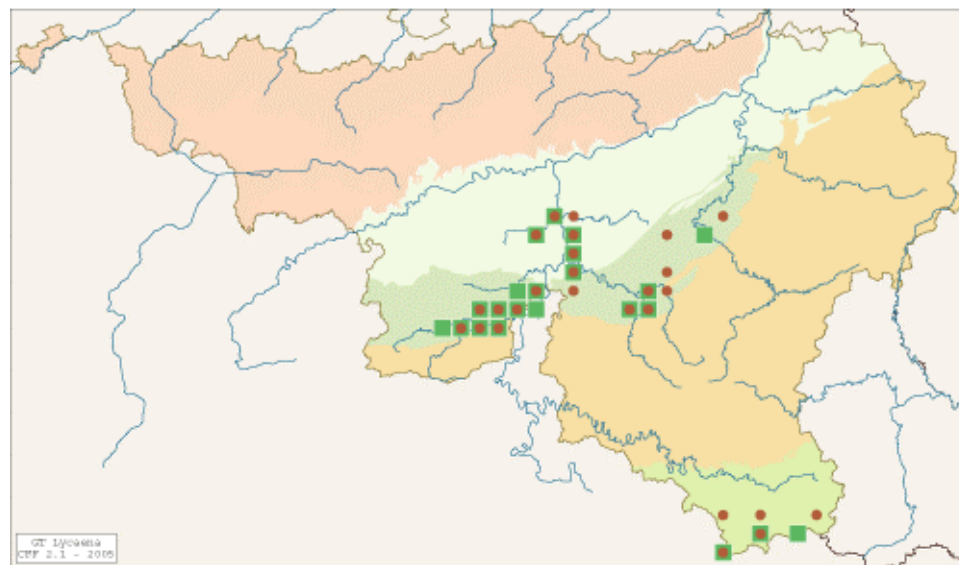
*Coenonympha tullia*

● 1985 - 2000 : 2 carrés  
■ 2001 - 2007 : 2 carrés



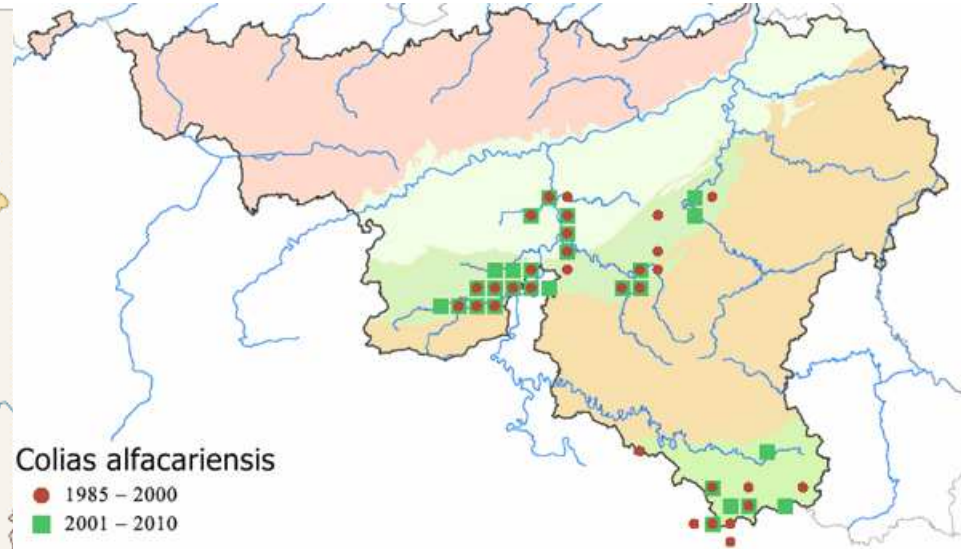
*Coenonympha tullia*

● 1985 - 2000  
■ 2001 - 2010



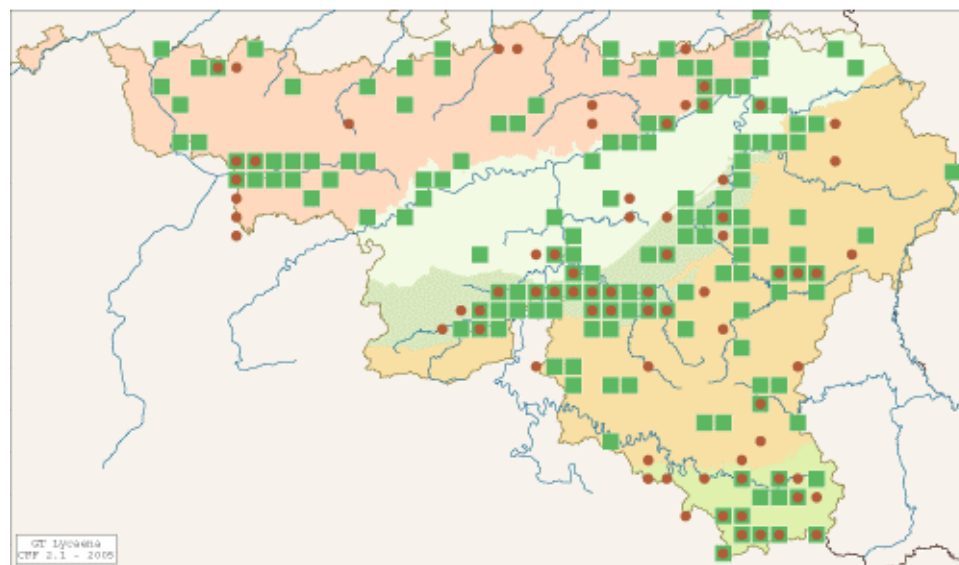
*Colias alfacariensis*

● 1985 - 2000 : 26 carrés  
■ 2001 - 2007 : 22 carrés



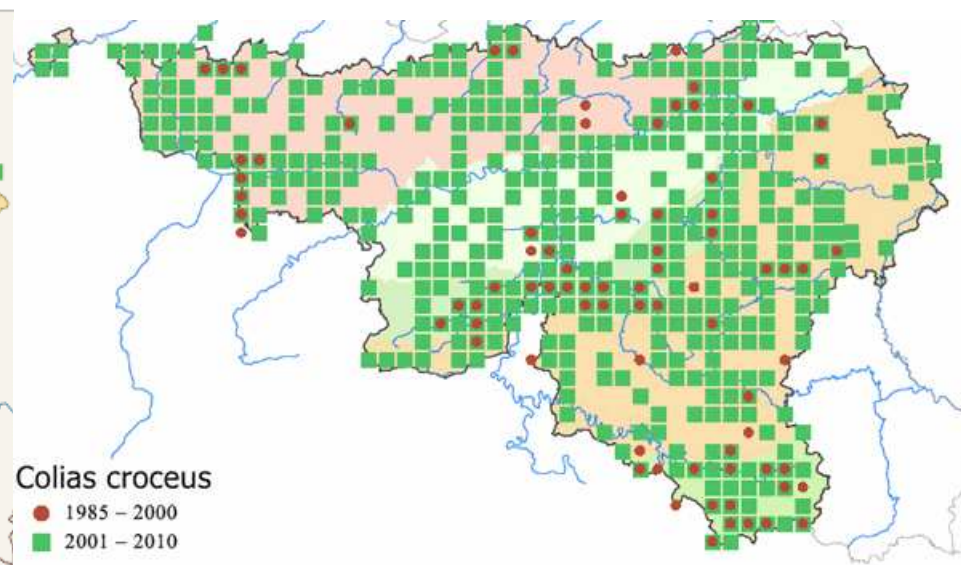
*Colias alfacariensis*

● 1985 - 2000  
■ 2001 - 2010



*Colias crocea*

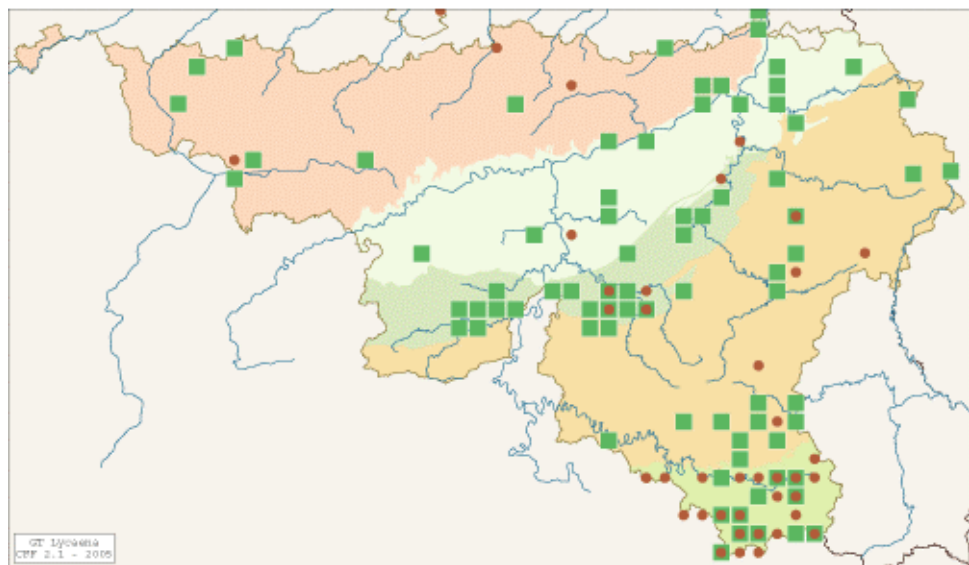
● 1985 - 2000 : xx carrés  
■ 2001 - 2007 : xx carrés



*Colias crocea*

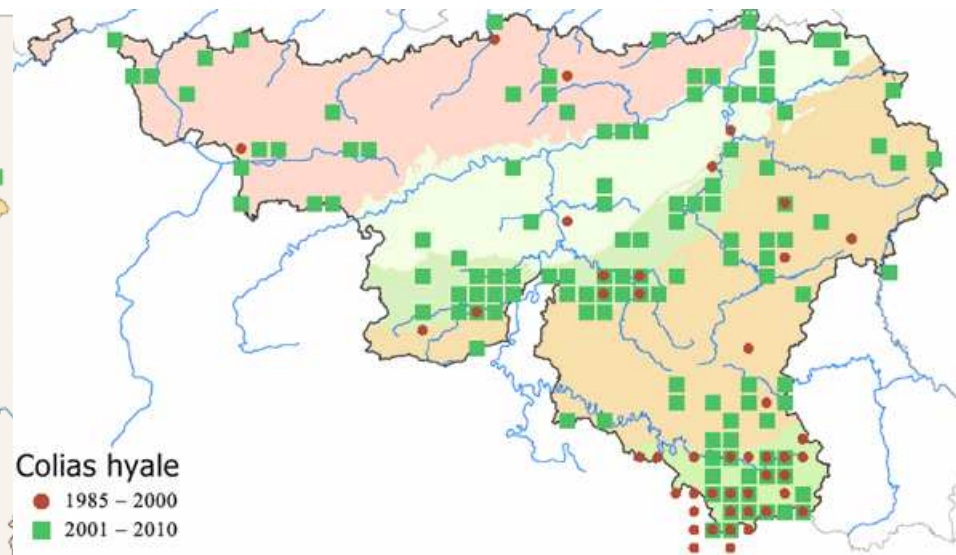
● 1985 - 2000  
■ 2001 - 2010





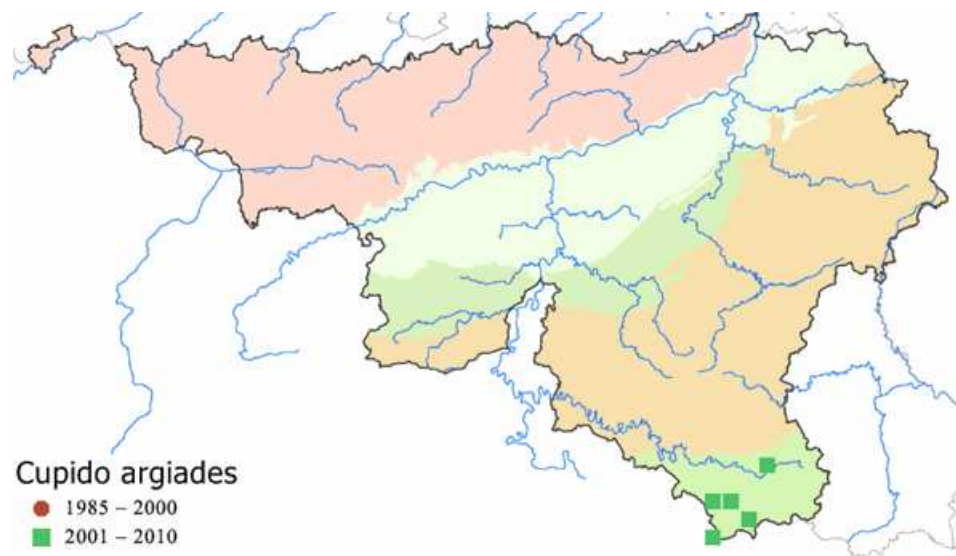
*Colias hyale*

● 1985 - 2000 : xx carrés  
■ 2001 - 2007 : xx carrés



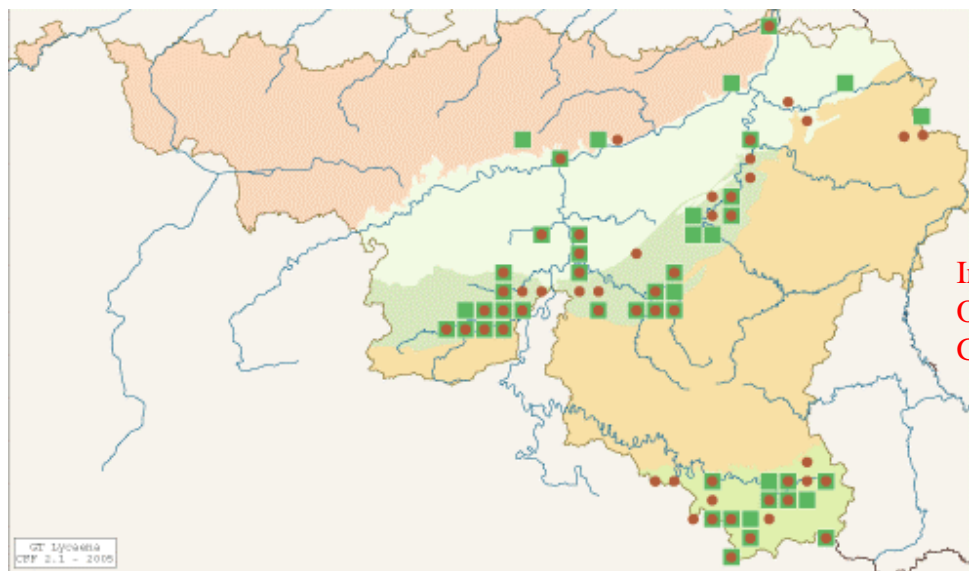
*Colias hyale*  
● 1985 - 2000  
■ 2001 - 2010

Données historiques



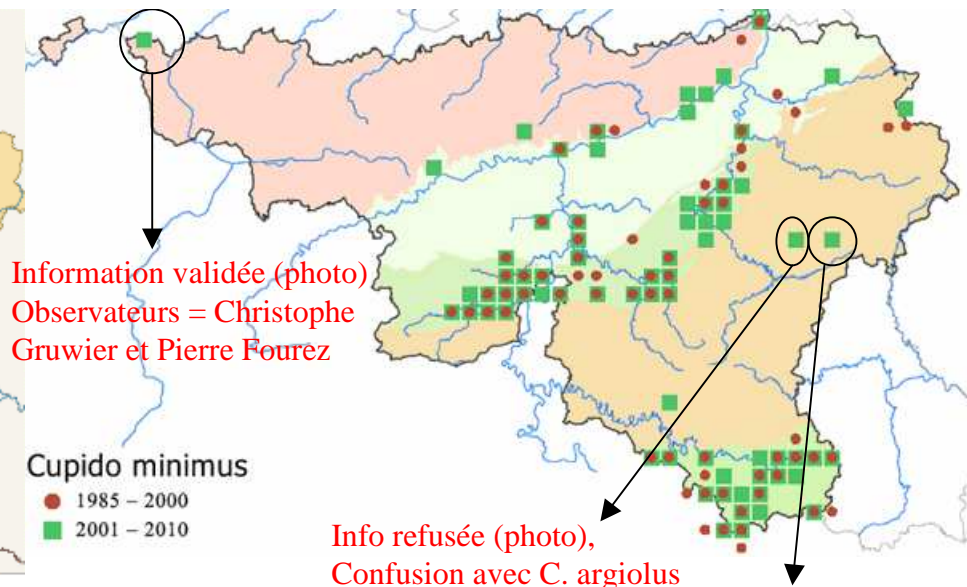
*Cupido argiades*  
● 1985 - 2000  
■ 2001 - 2010





### *Cupido minimus*

● 1985 - 2000 : 55 carrés  
■ 2001 - 2007 : 47 carrés

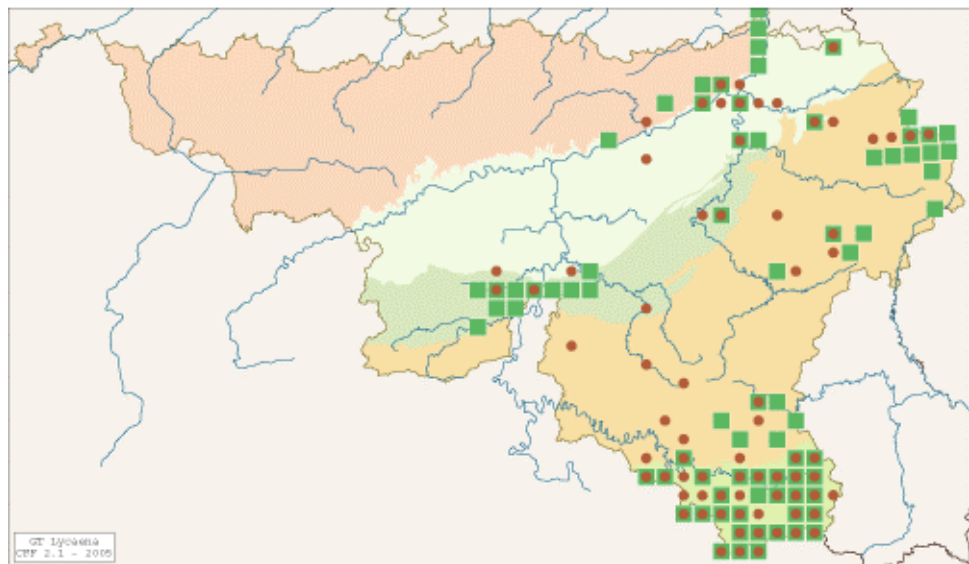


### *Cupido minimus*

● 1985 - 2000  
■ 2001 - 2010

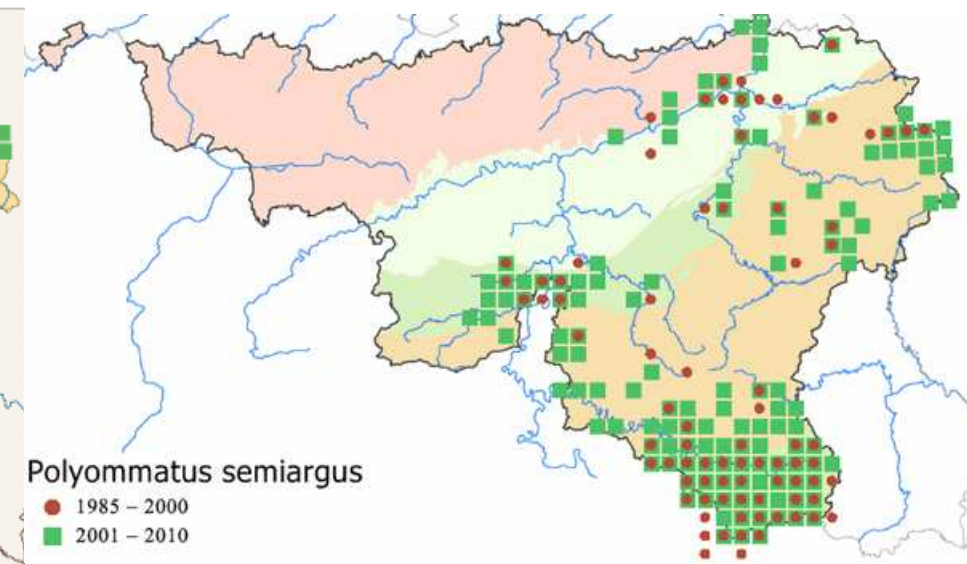
Info refusée (photo),  
Confusion avec *C. argiolus*

Info validée, carrière  
(Denis Parkinson)



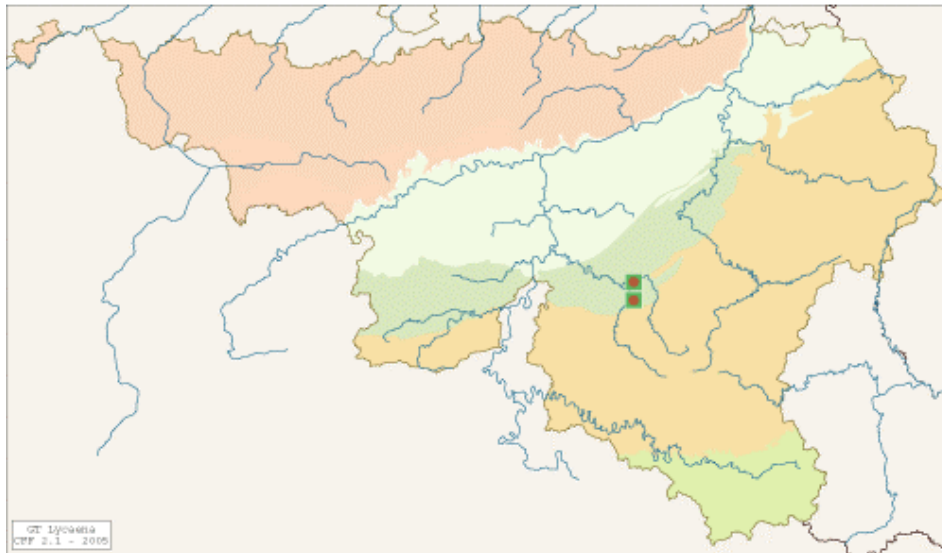
### *Cyaniris semiargus*

● 1985 - 2000 : 72 carrés  
■ 2001 - 2007 : 77 carrés



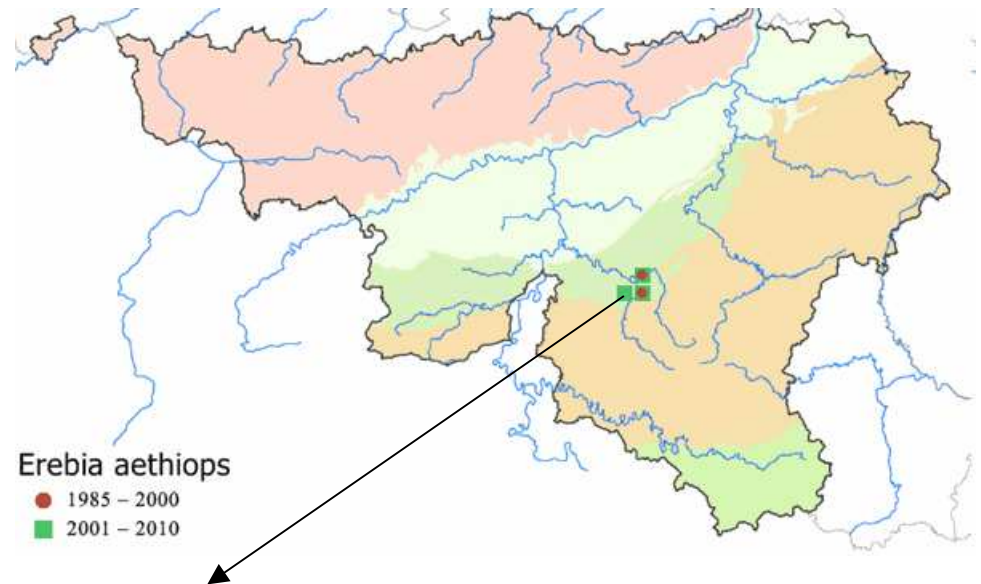
### *Polyommatus semiargus*

● 1985 - 2000  
■ 2001 - 2010

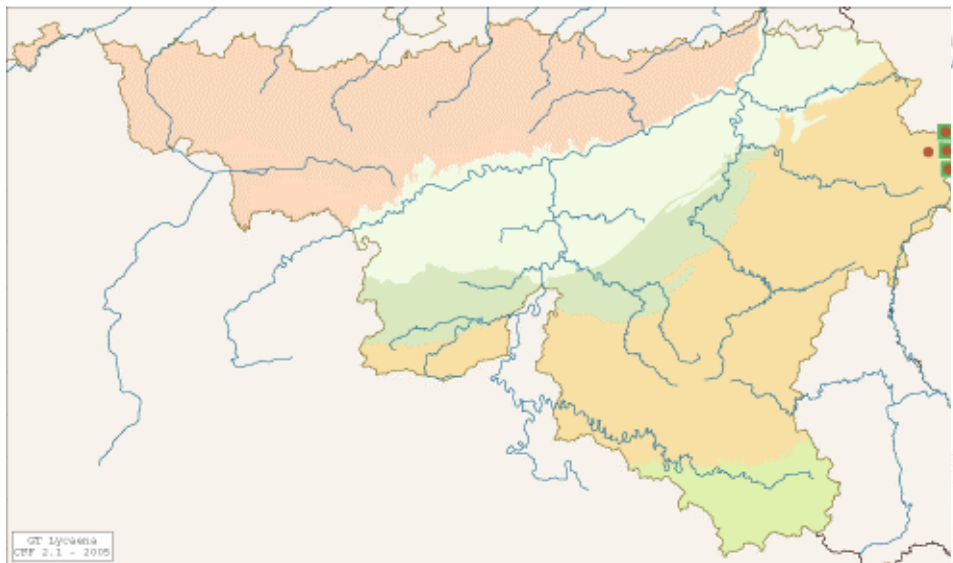


*Erebia aethiops*

● 1985 - 2000 : 2 carrés  
■ 2001 - 2007 : 2 carrés

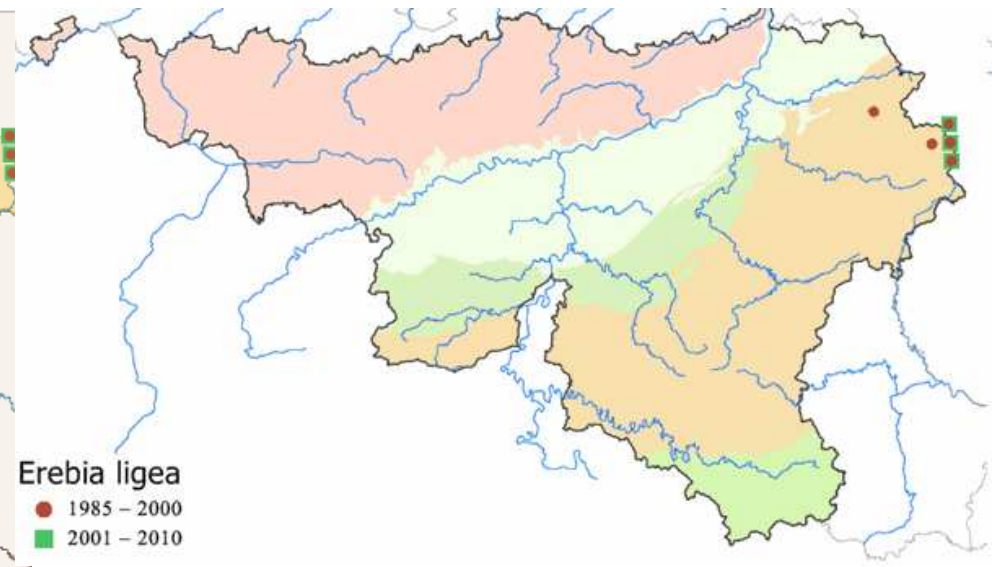


2 individus le long d'une route en 2010

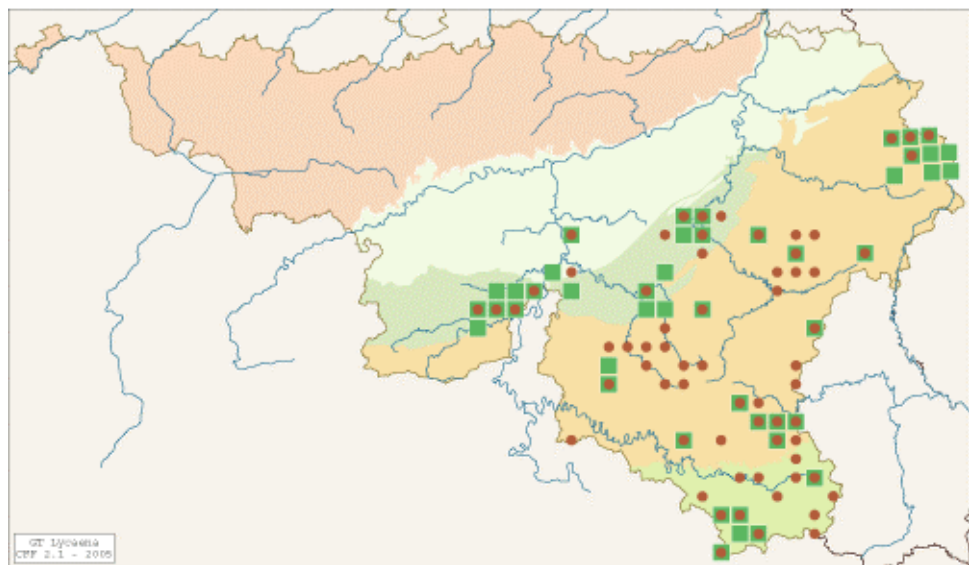


*Erebia ligea*

● 1985 - 2000 : 4 carrés  
■ 2001 - 2007 : 3 carrés

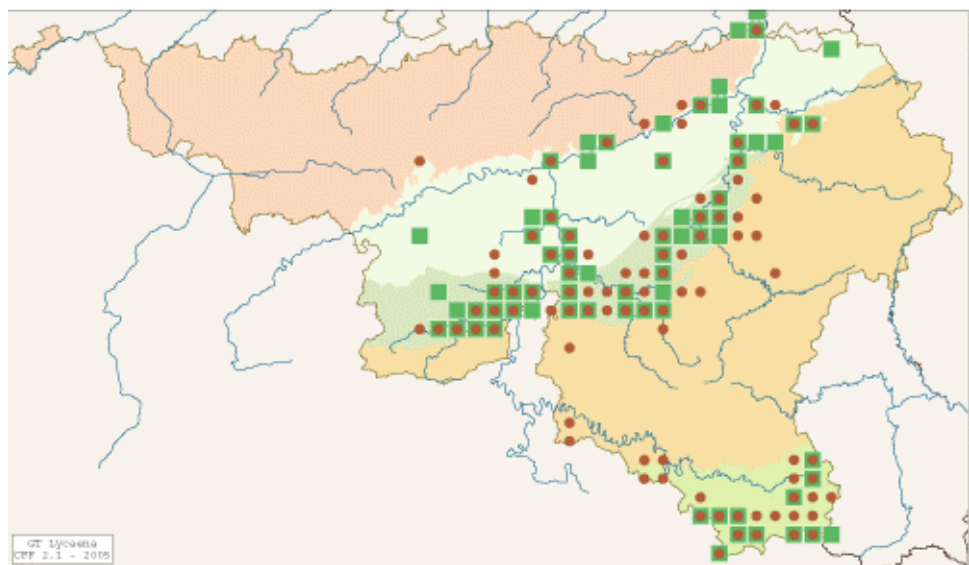
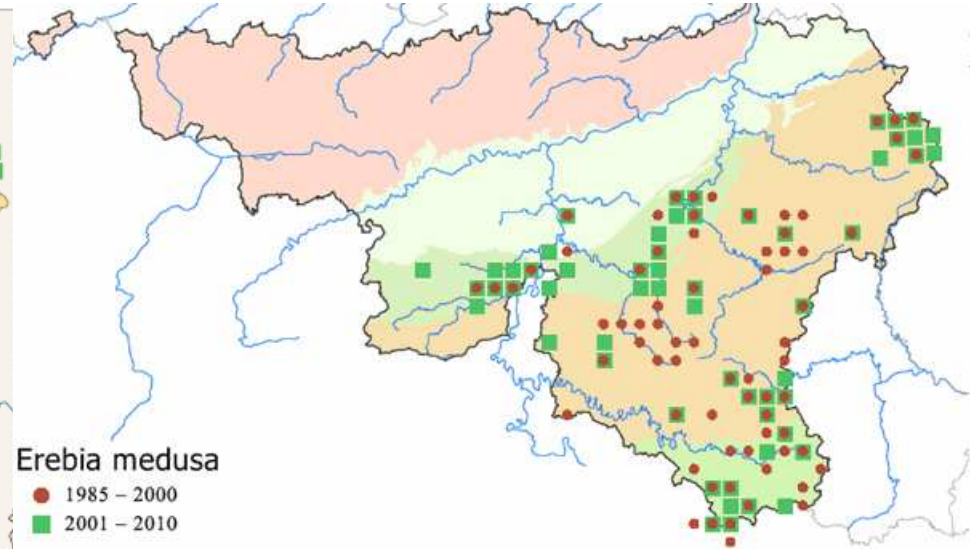






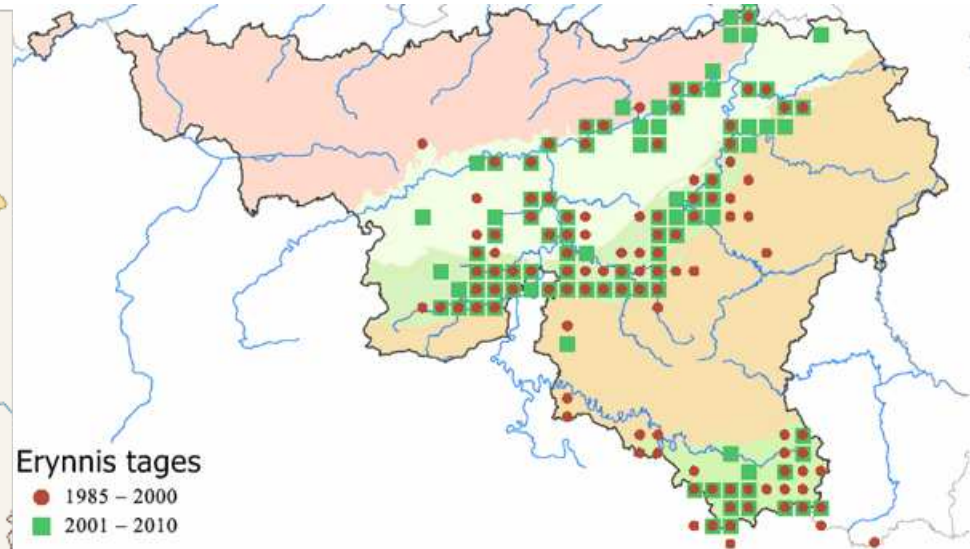
### *Erebia medusa*

- 1985 - 2000 : 65 carrés
- 2001 - 2007 : 46 carrés

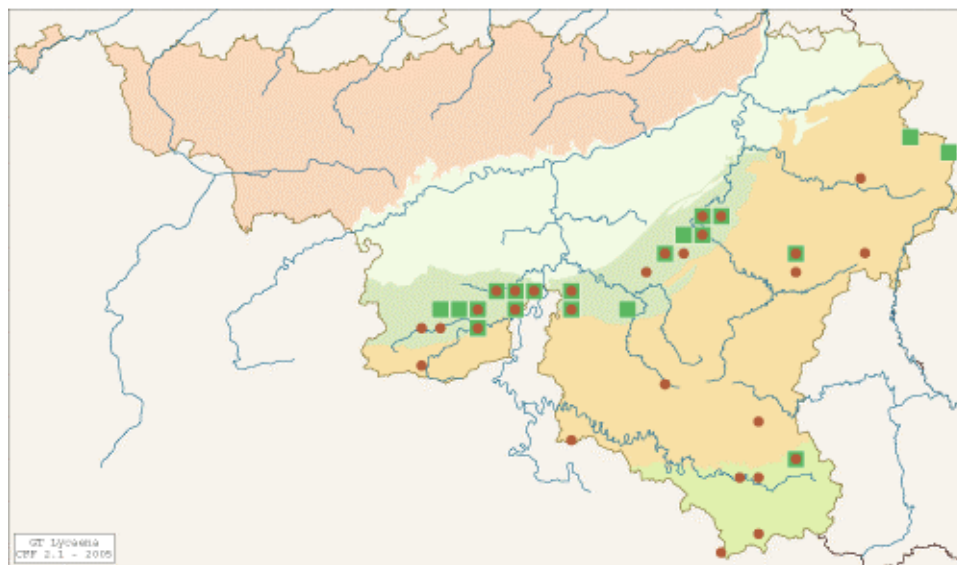


### *Erynnis tages*

- 1985 - 2000 : 96 carrés
- 2001 - 2007 : 72 carrés

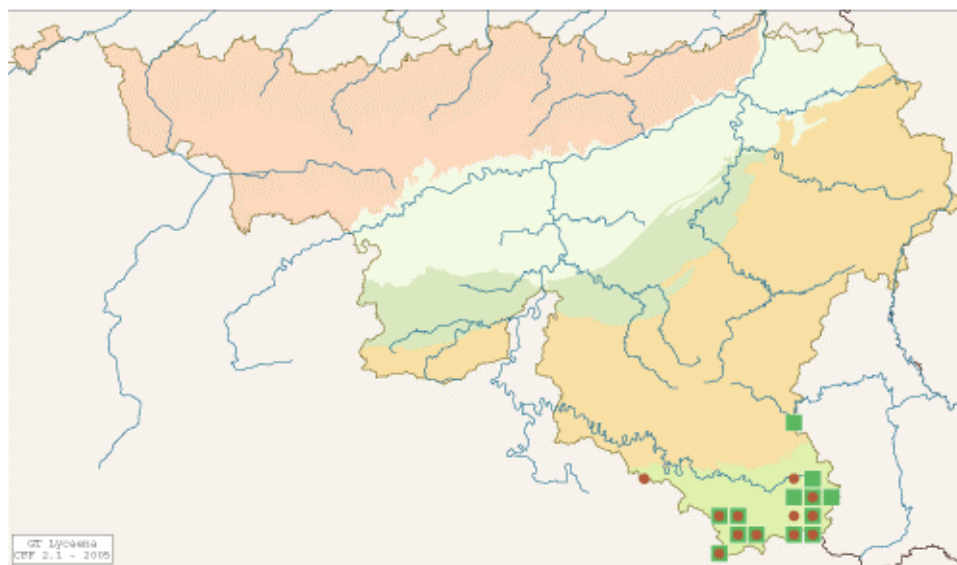
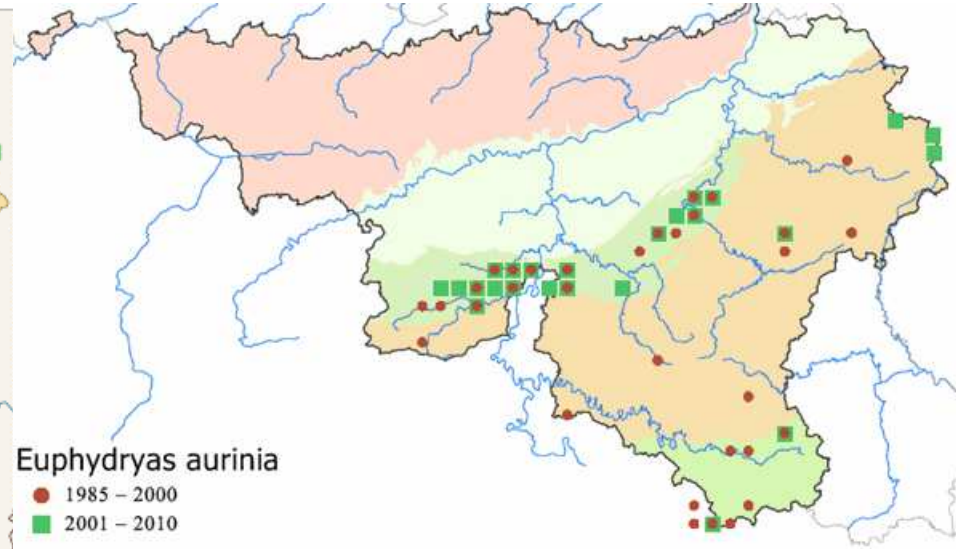






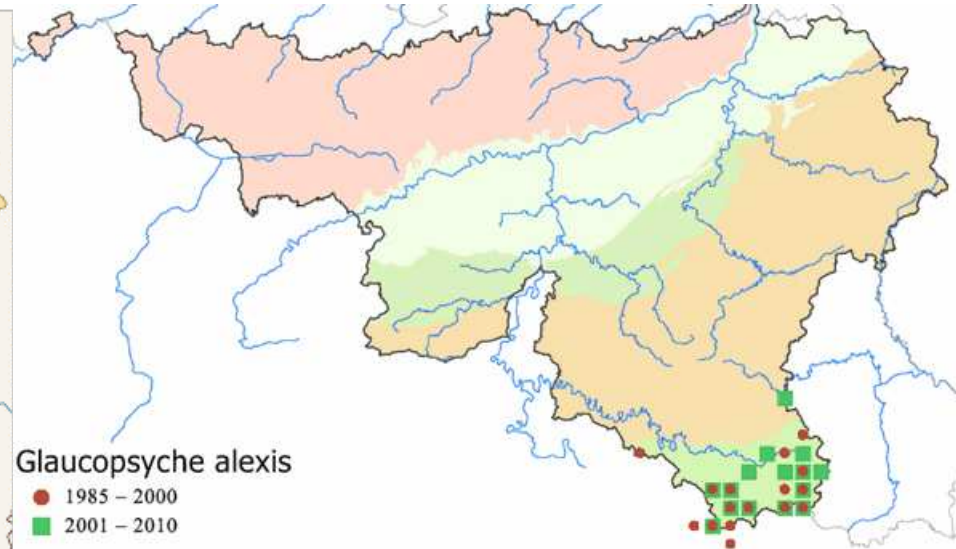
### *Euphydryas aurinia*

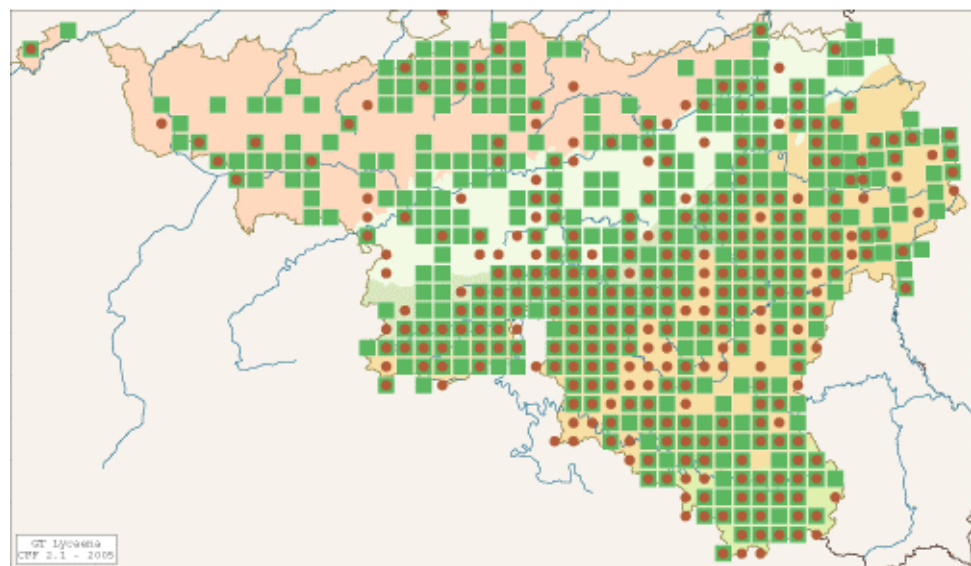
- 1985 - 2000 : 29 carrés
- 2001 - 2007 : 20 carrés



### *Glaucopsyche alexis*

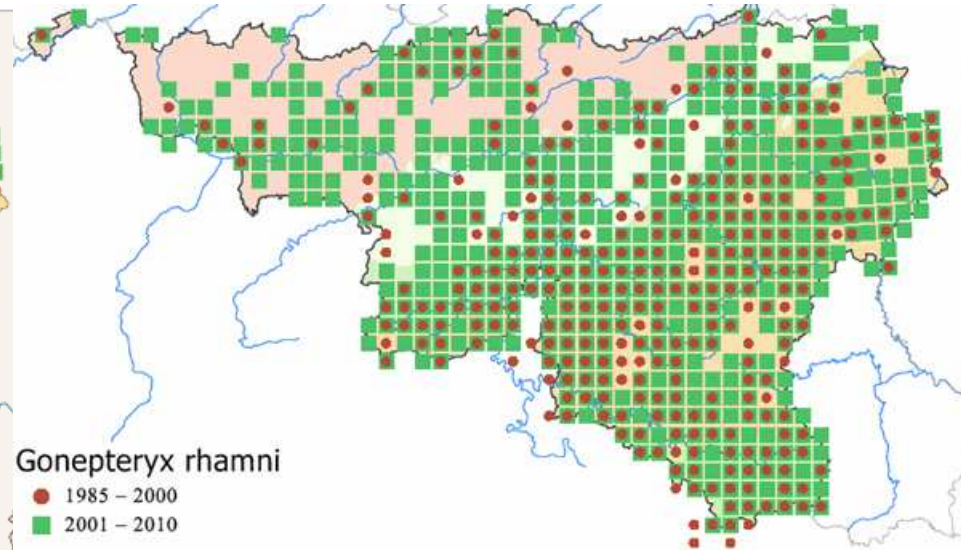
- 1985 - 2000 : 12 carrés
- 2001 - 2007 : 13 carrés





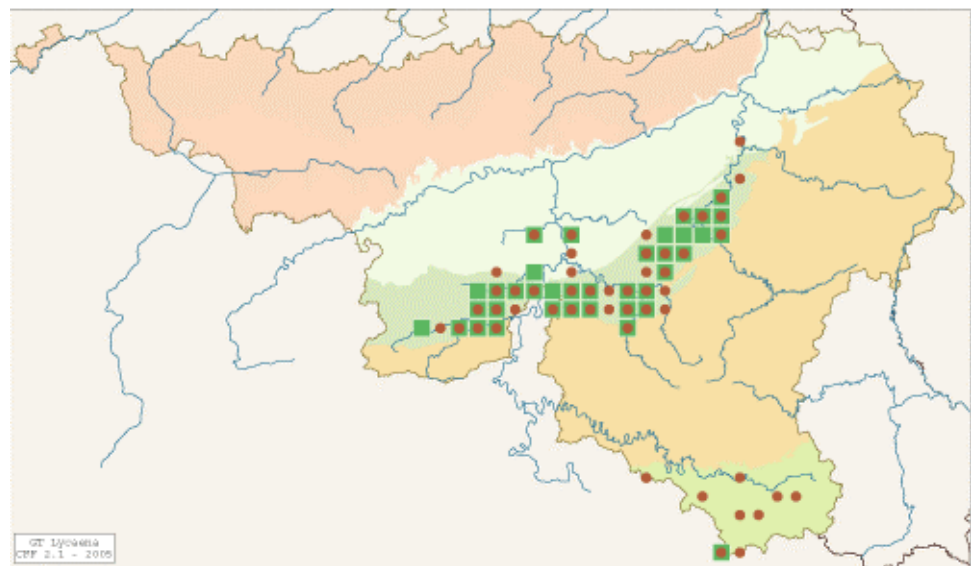
*Gonepteryx rhamni*

● 1985 - 2000 : 327 carrés  
■ 2001 - 2007 : 430 carrés



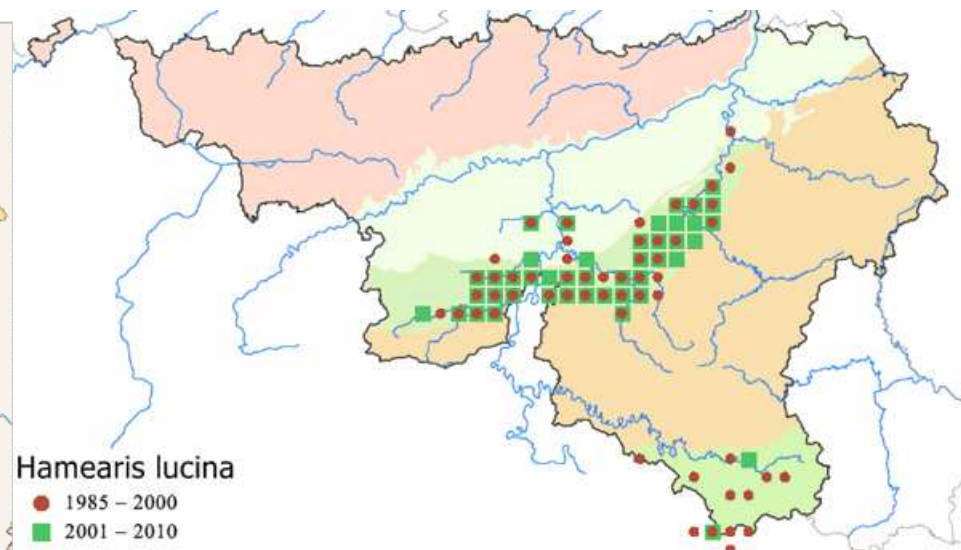
*Gonepteryx rhamni*

● 1985 - 2000  
■ 2001 - 2010



*Hamearis lucina*

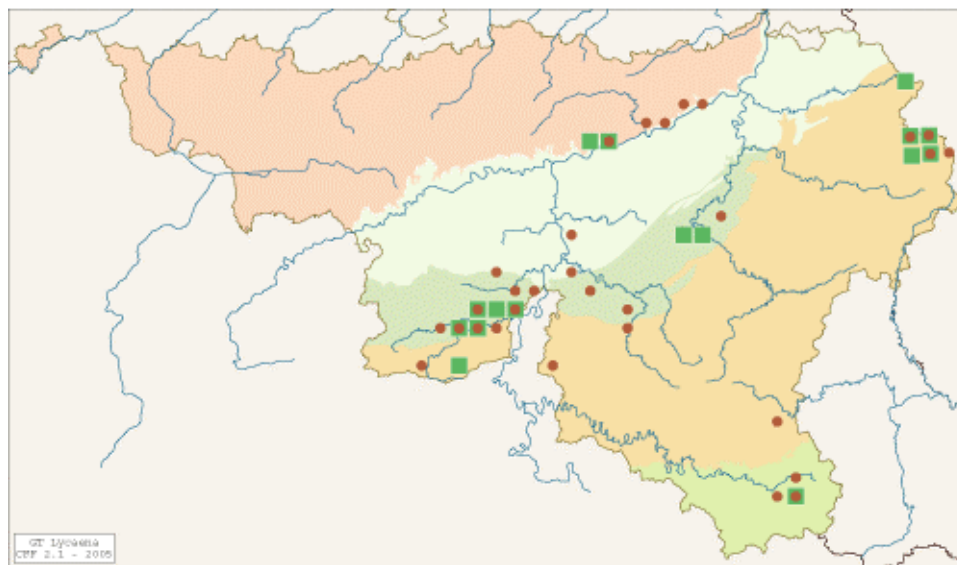
● 1985 - 2000 : 51 carrés  
■ 2001 - 2007 : 37 carrés



*Hamearis lucina*

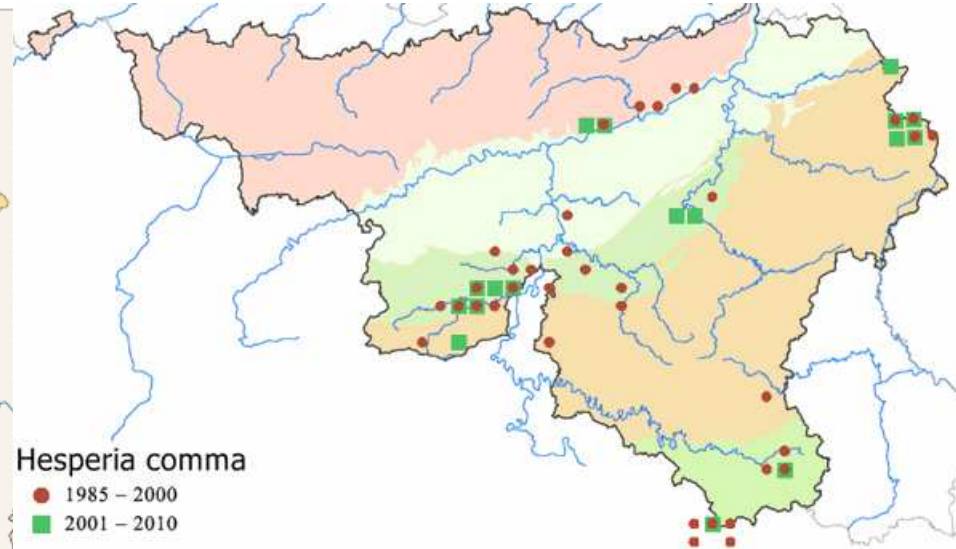
● 1985 - 2000  
■ 2001 - 2010





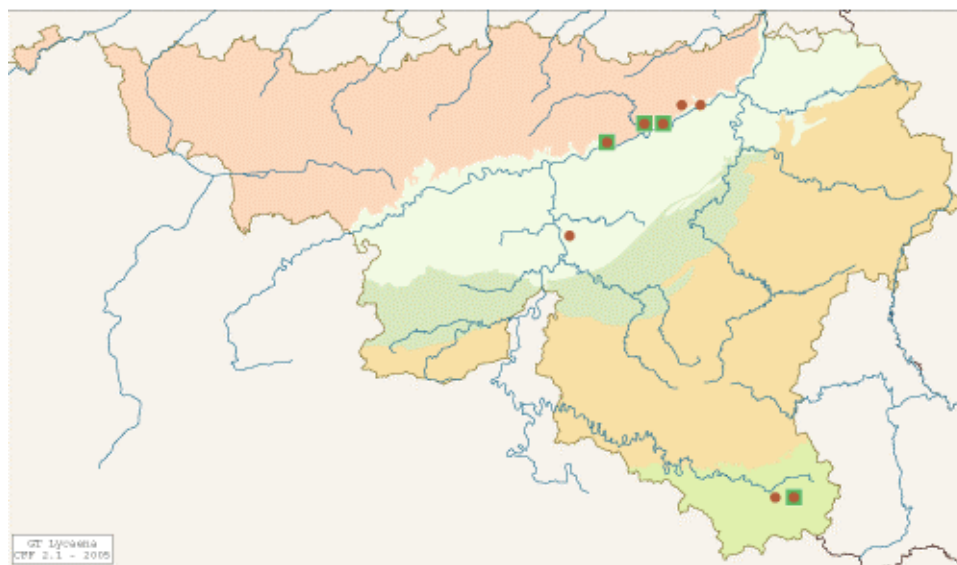
### *Hesperia comma*

- 1985 - 2000 : 30 carrés
- 2001 - 2007 : 16 carrés



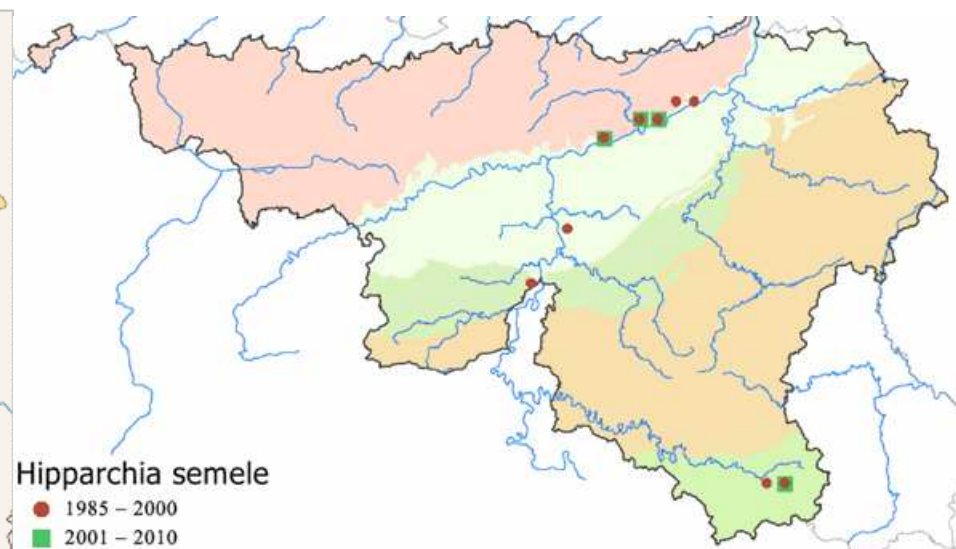
### *Hesperia comma*

- 1985 - 2000
- 2001 - 2010



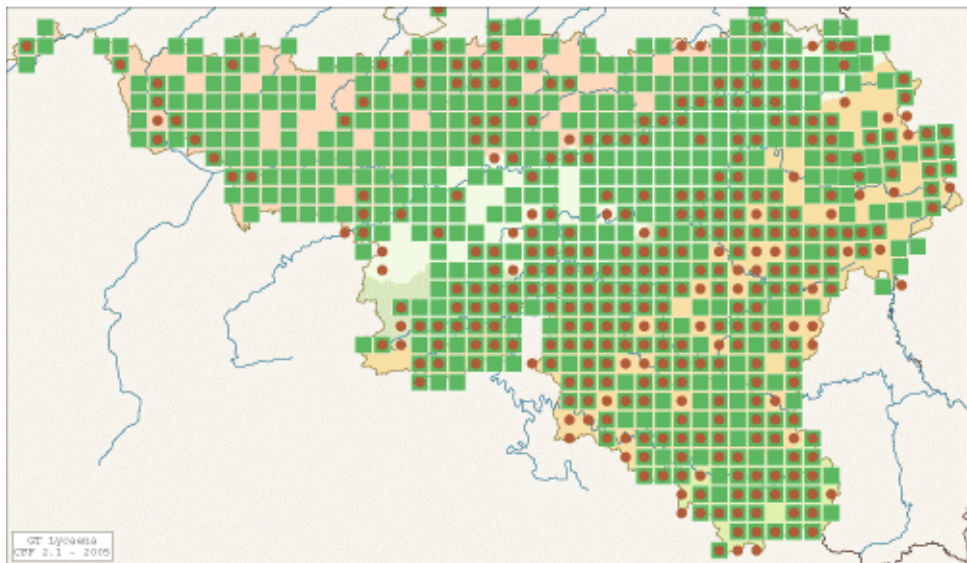
### *Hipparchia semele*

- 1985 - 2000 : 8 carrés
- 2001 - 2007 : 4 carrés



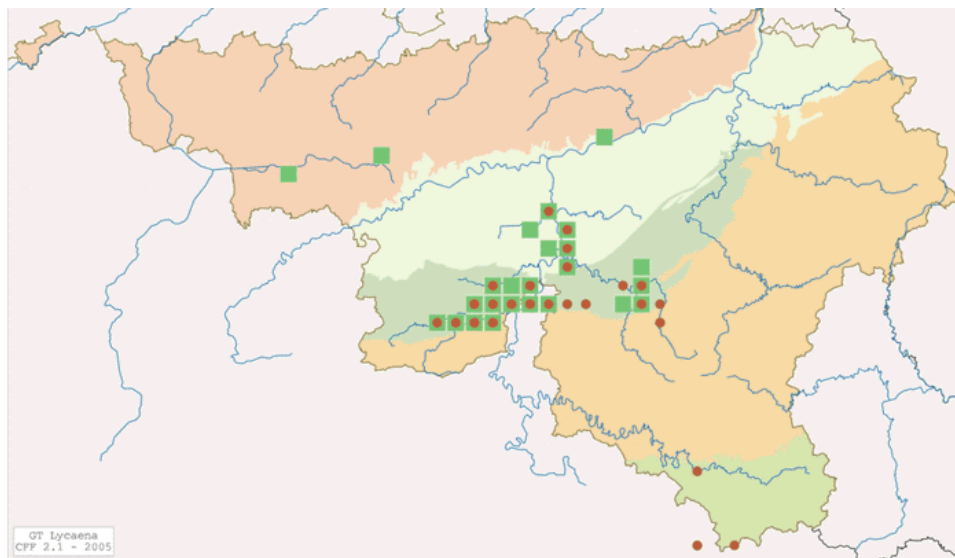
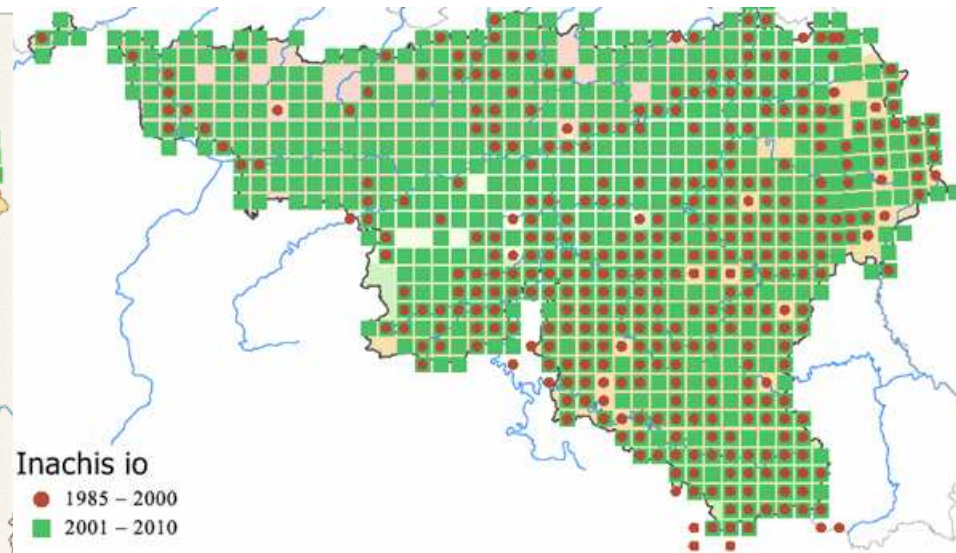
### *Hipparchia semele*

- 1985 - 2000
- 2001 - 2010



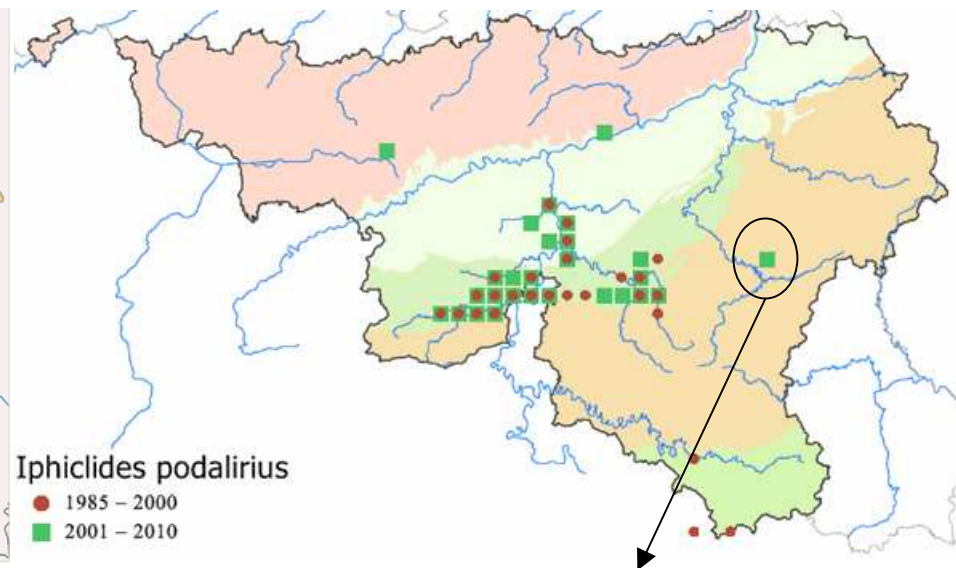
*Inachis io*

● 1985 - 2000 : 357 carrés  
■ 2001 - 2007 : 593 carrés



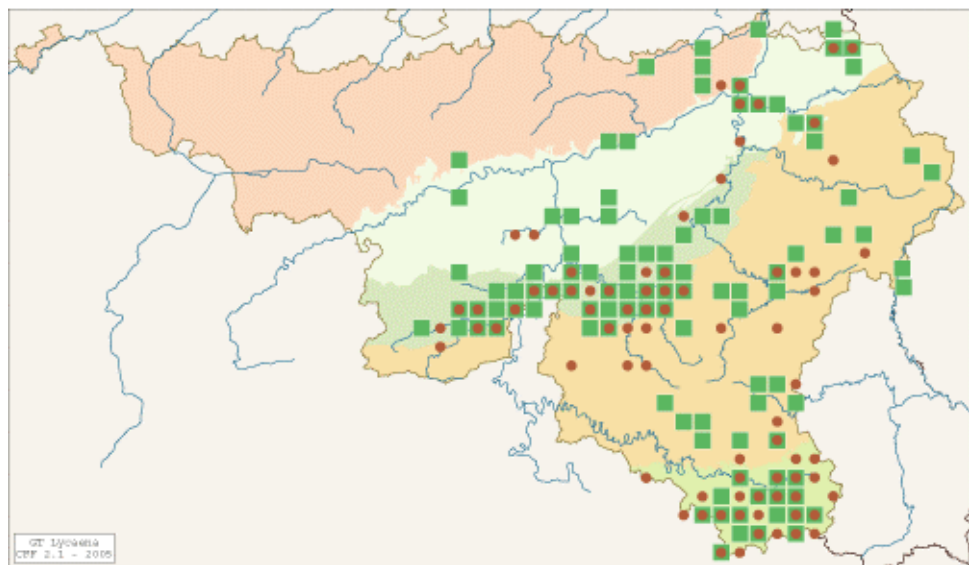
*Iphiclides podalirius*

● 1985 - 2000 : 24 carrés  
■ 2001 - 2007 : 25 carrés



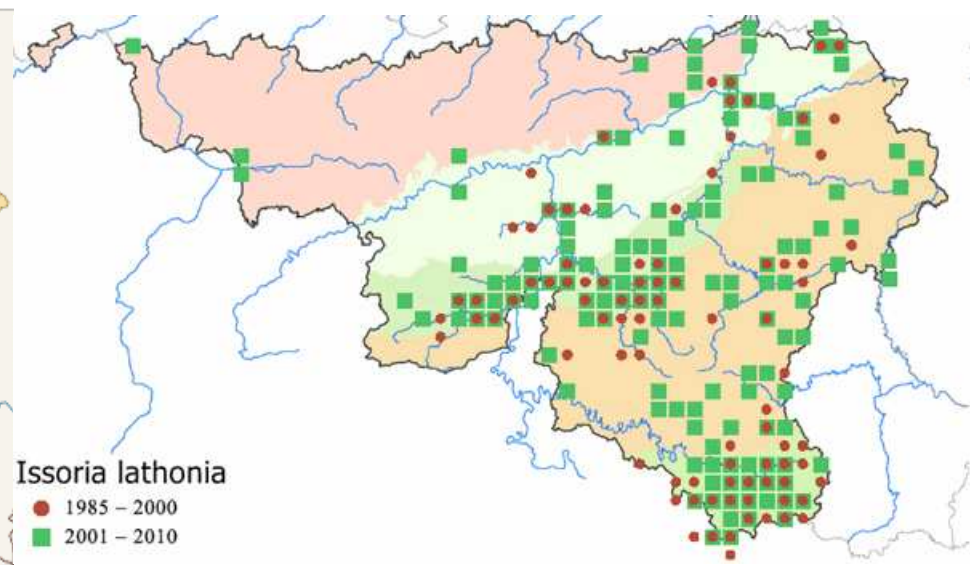
Observation en vol, direction plein sud





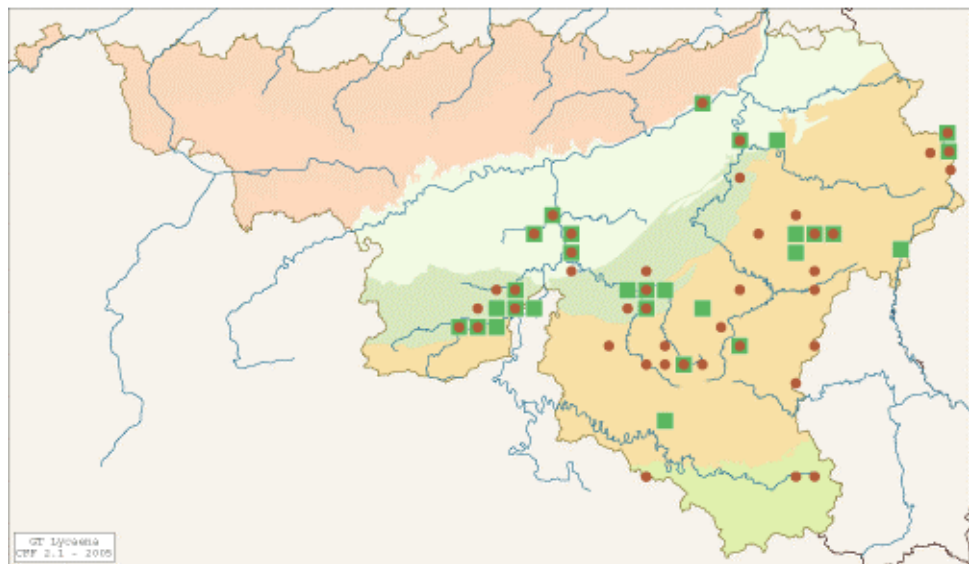
*Issoria lathonia*

● 1985 - 2000 : 78 carrés  
■ 2001 - 2007 : 106 carrés



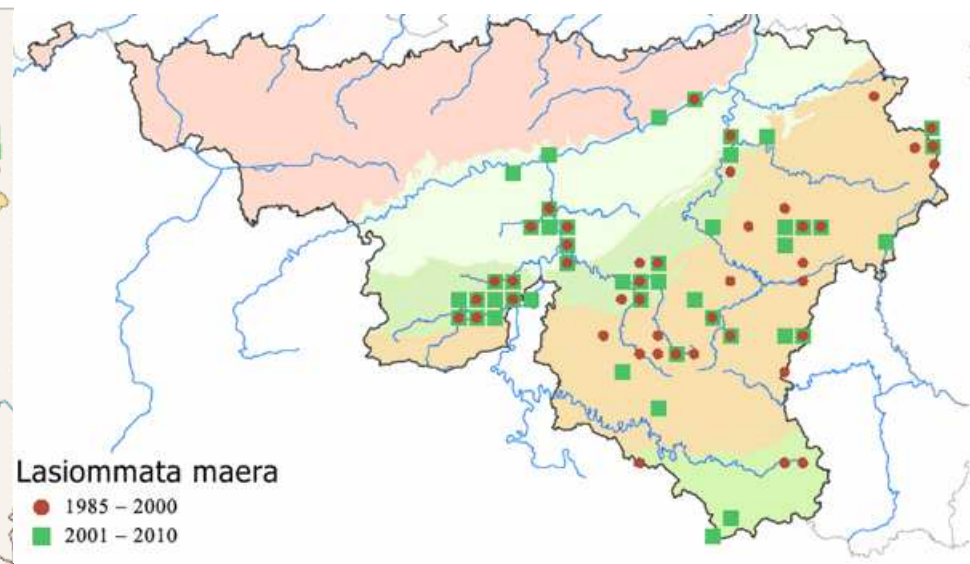
*Issoria lathonia*

● 1985 - 2000  
■ 2001 - 2010



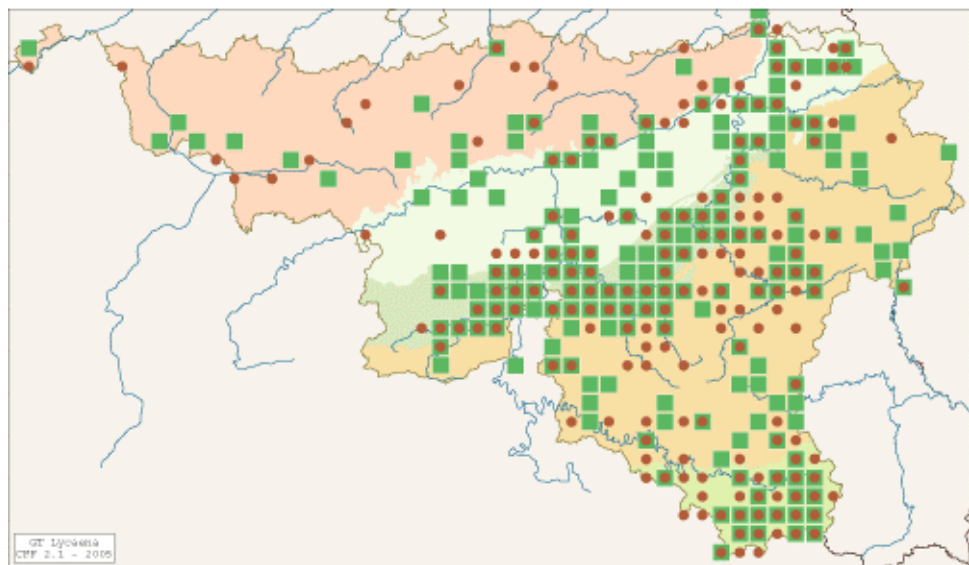
*Lasiommata maera*

● 1985 - 2000 : 42 carrés  
■ 2001 - 2007 : 29 carrés



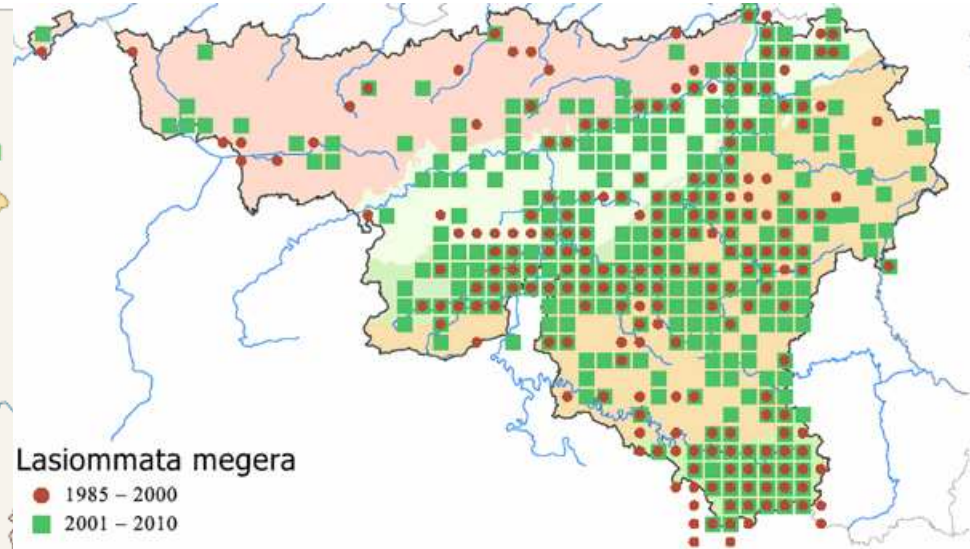
*Lasiommata maera*

● 1985 - 2000  
■ 2001 - 2010



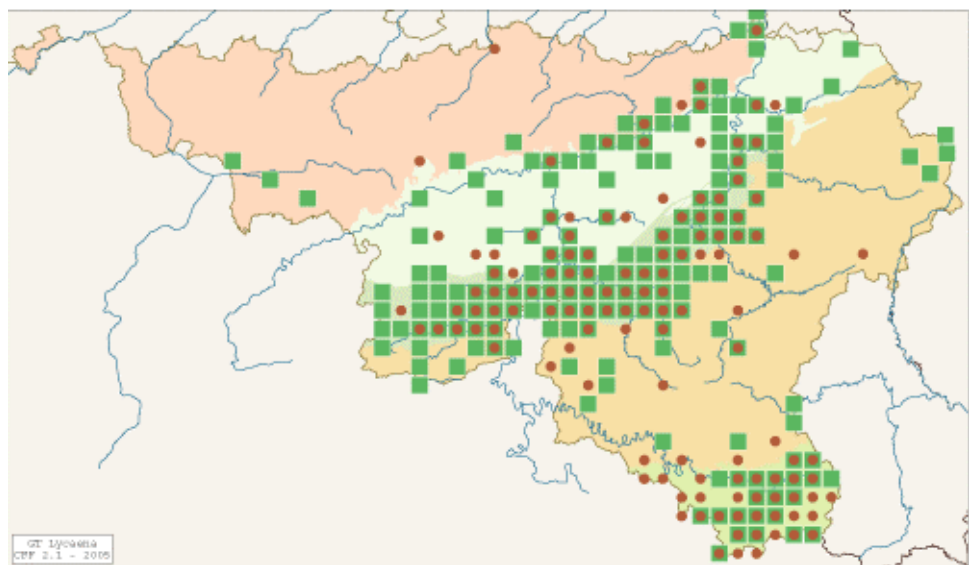
*Lasiommata megera*

● 1985 - 2000 : 201 carrés  
■ 2001 - 2007 : 199 carrés



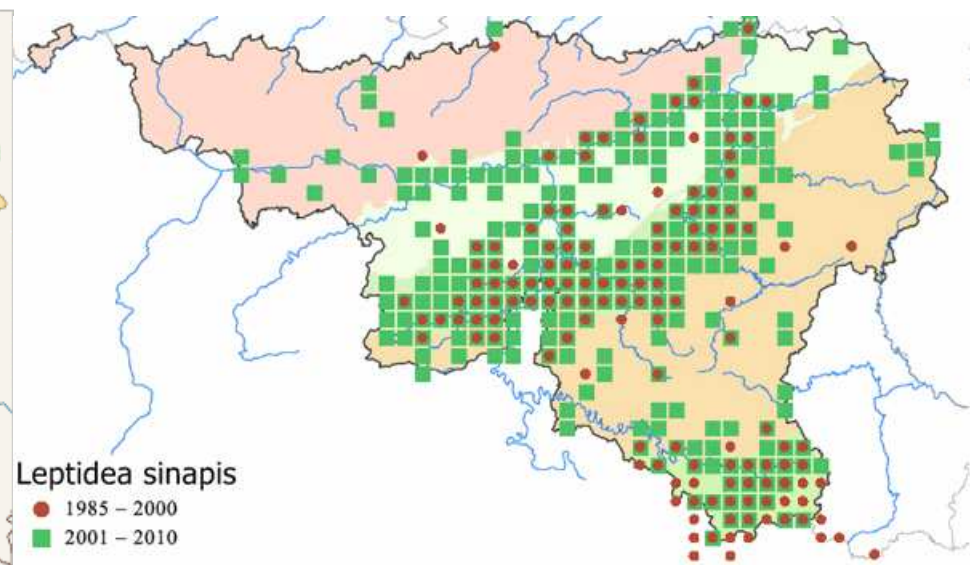
*Lasiommata megera*

● 1985 - 2000  
■ 2001 - 2010



*Leptidea sinapis*

● 1985 - 2000 : 133 carrés  
■ 2001 - 2007 : 179 carrés

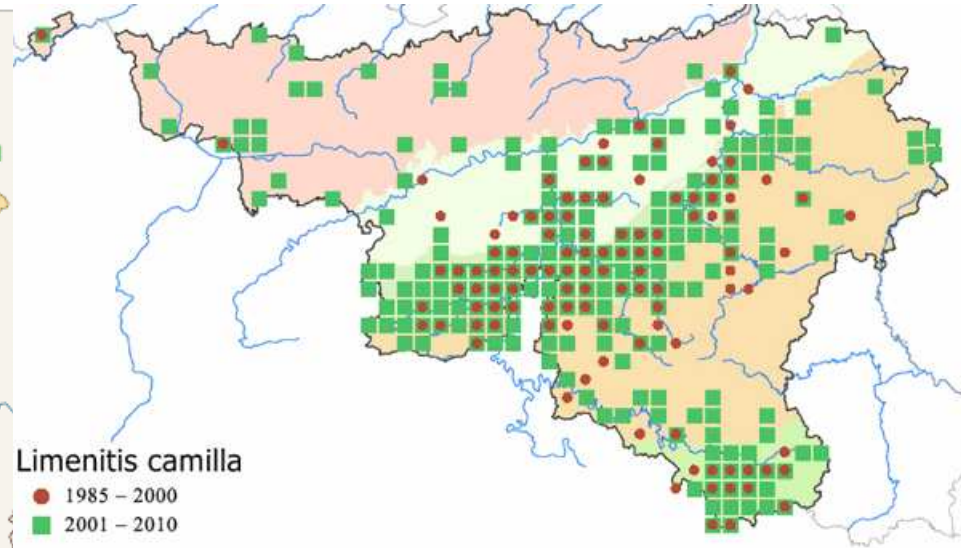
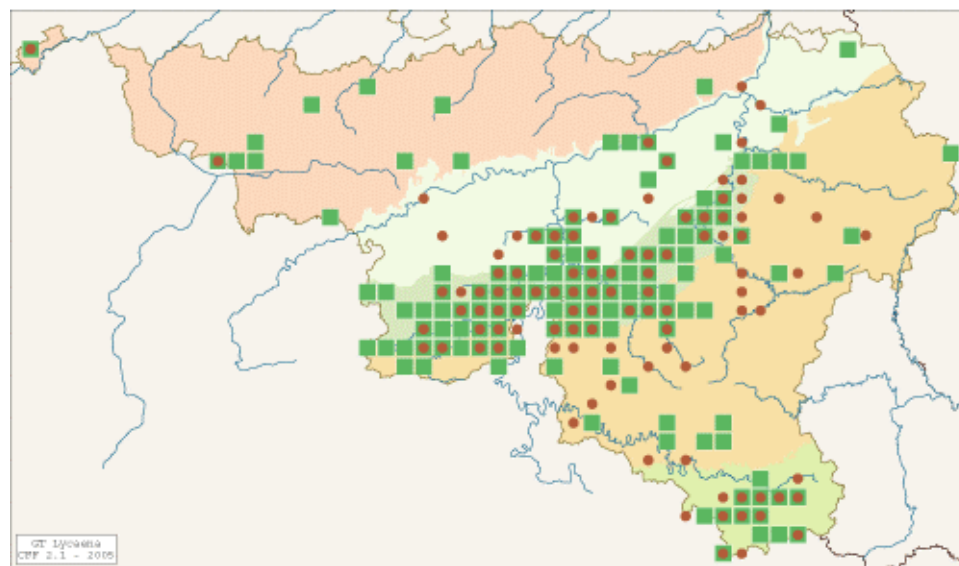


*Leptidea sinapis*

● 1985 - 2000  
■ 2001 - 2010

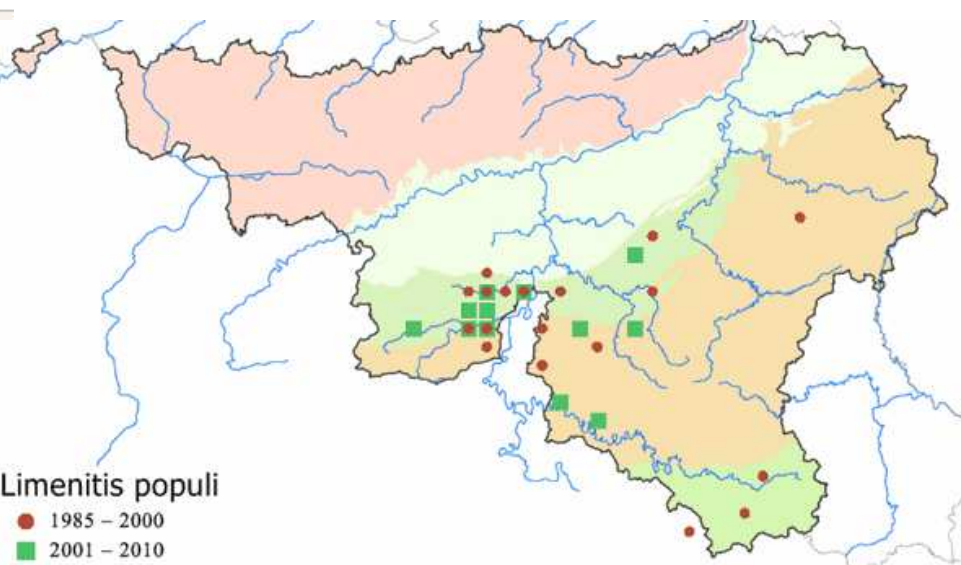
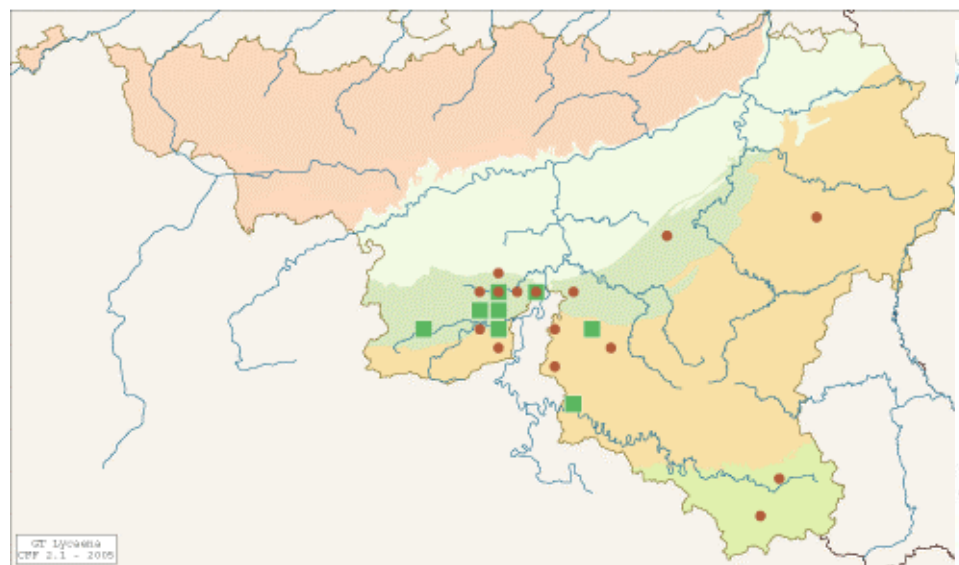
NB : observation de *L. reali* à Lavaux-st-Anne (analyse des genitalias)





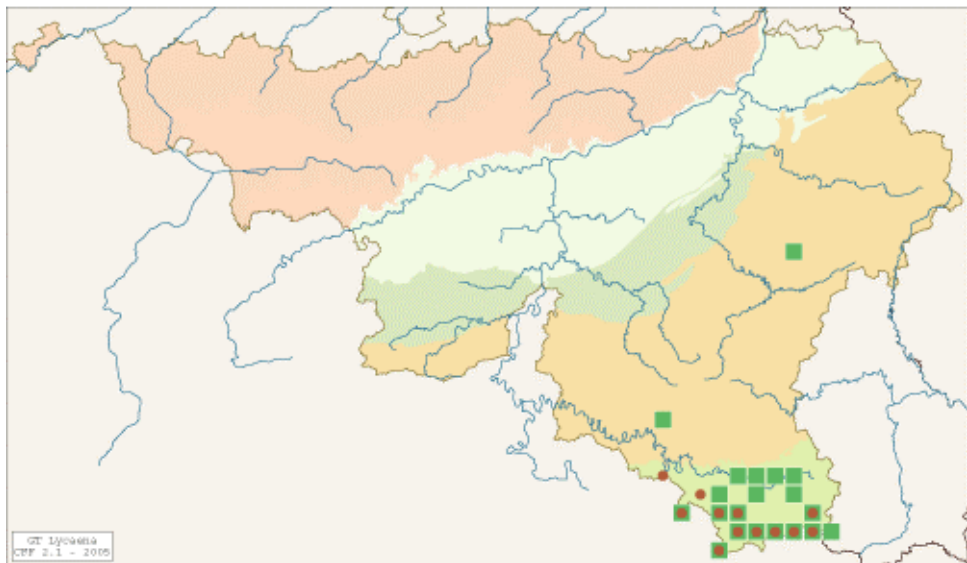
### *Limenitis camilla*

- 1985 - 2000 : 104 carrés
- 2001 - 2007 : 135 carrés



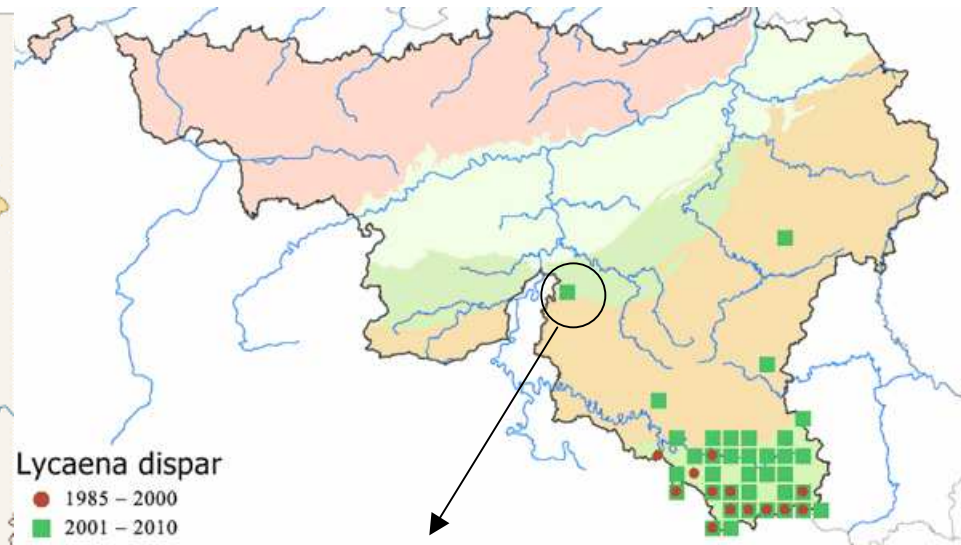
### *Limenitis populi*

- 1985 - 2000 : 15 carrés
- 2001 - 2007 : 8 carrés

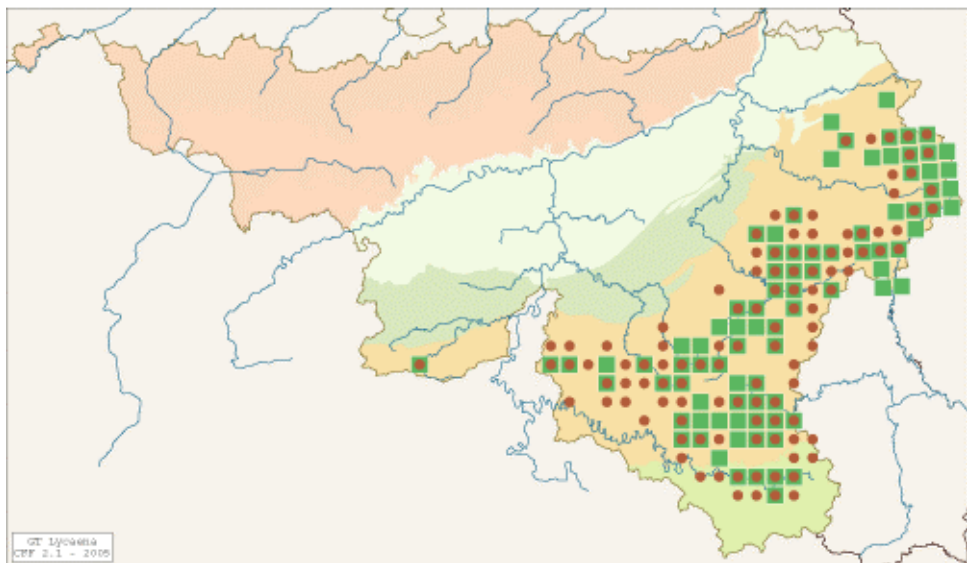


*Lycaena dispar*

● 1985 - 2000 : 12 carrés  
■ 2001 - 2007 : 20 carrés

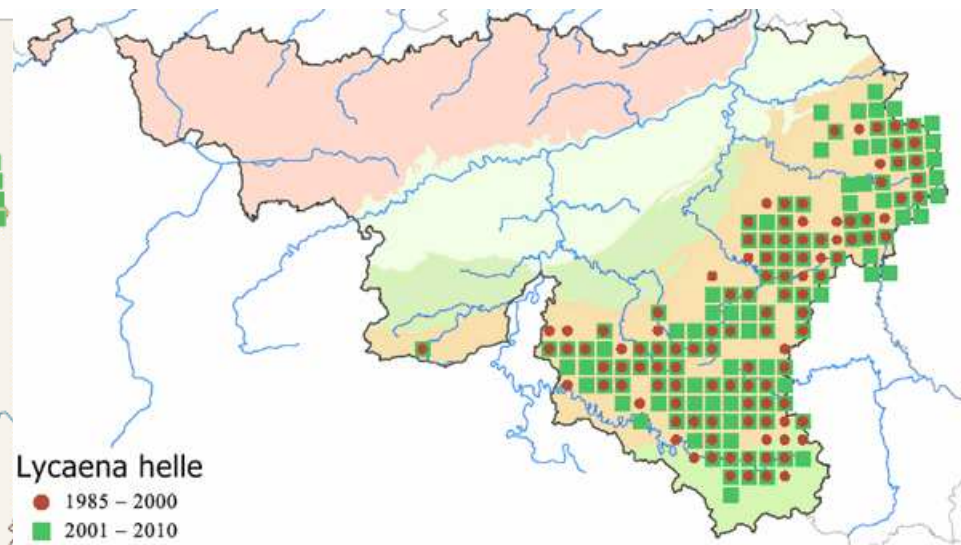


Observation validée

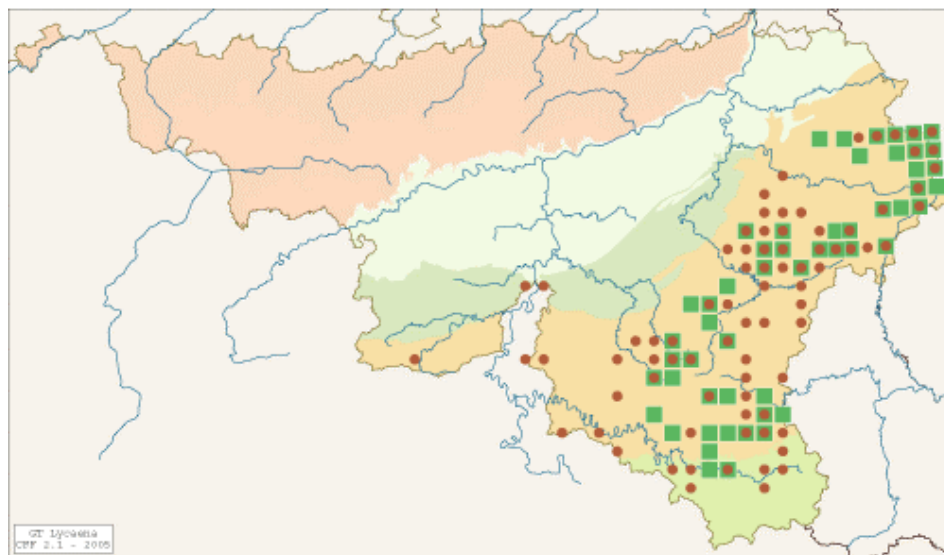


*Lycaena helle*

● 1985 - 2000 : 110 carrés  
■ 2001 - 2007 : 88 carrés

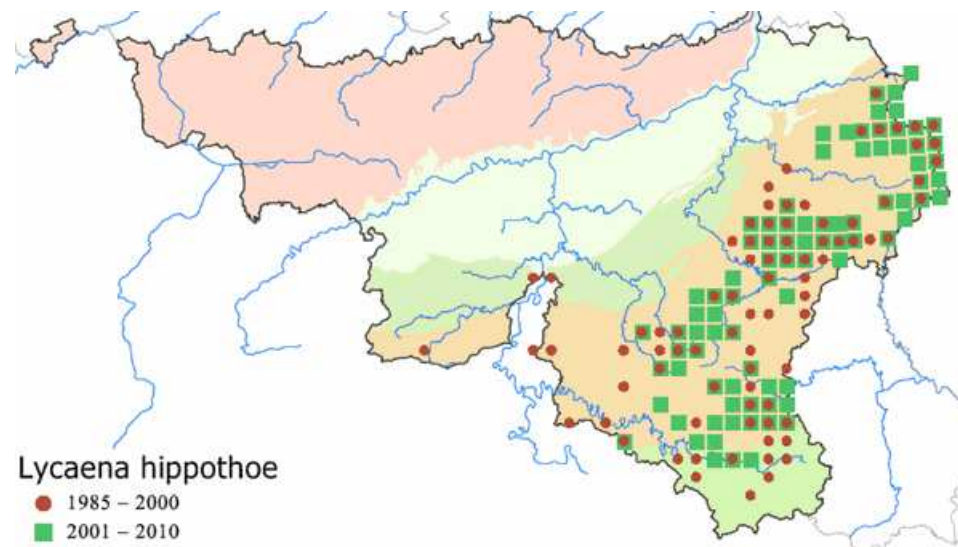






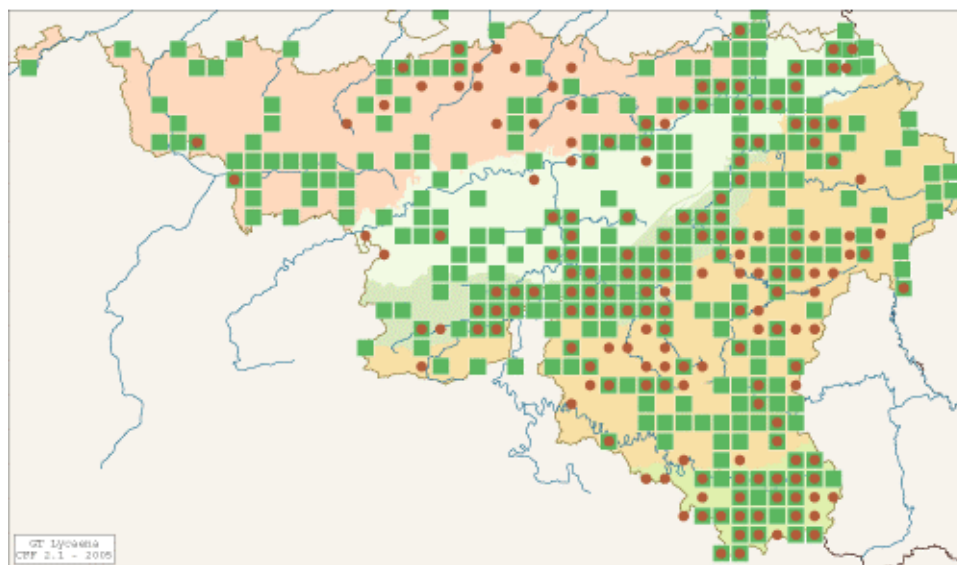
*Lycaena hippothoe*

● 1985 - 2000 : 80 carrés  
■ 2001 - 2007 : 53 carrés



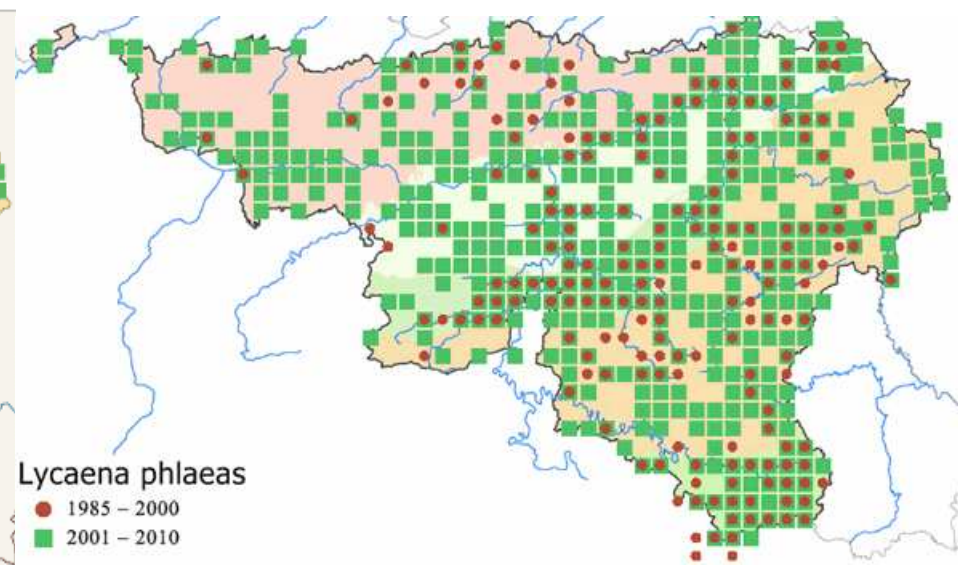
*Lycaena hippothoe*

● 1985 - 2000  
■ 2001 - 2010



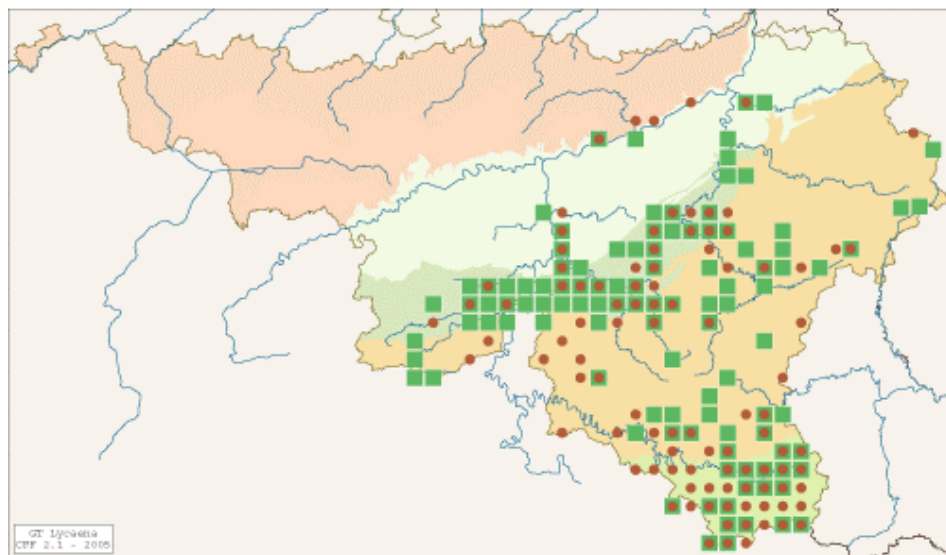
*Lycaena phlaeas*

● 1985 - 2000 : 182 carrés  
■ 2001 - 2007 : 311 carrés



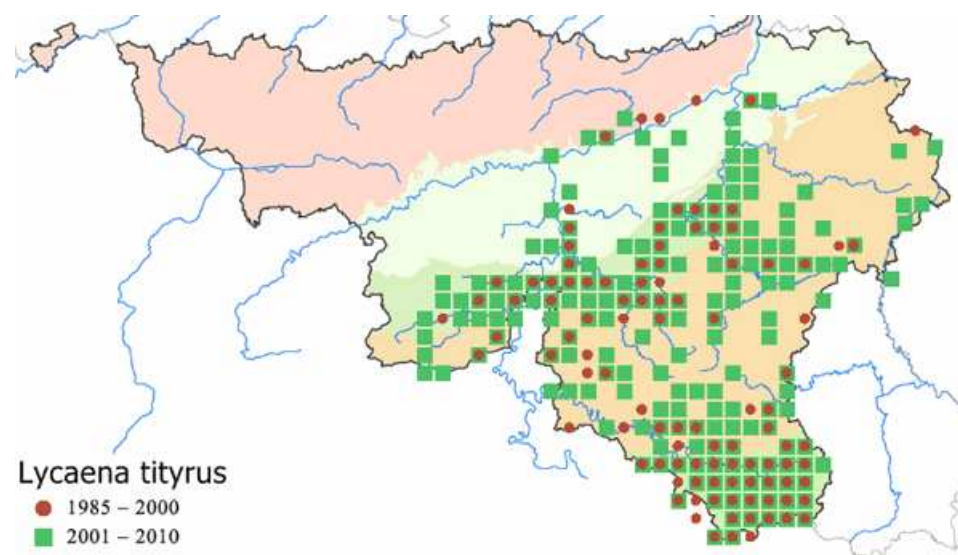
*Lycaena phlaeas*

● 1985 - 2000  
■ 2001 - 2010



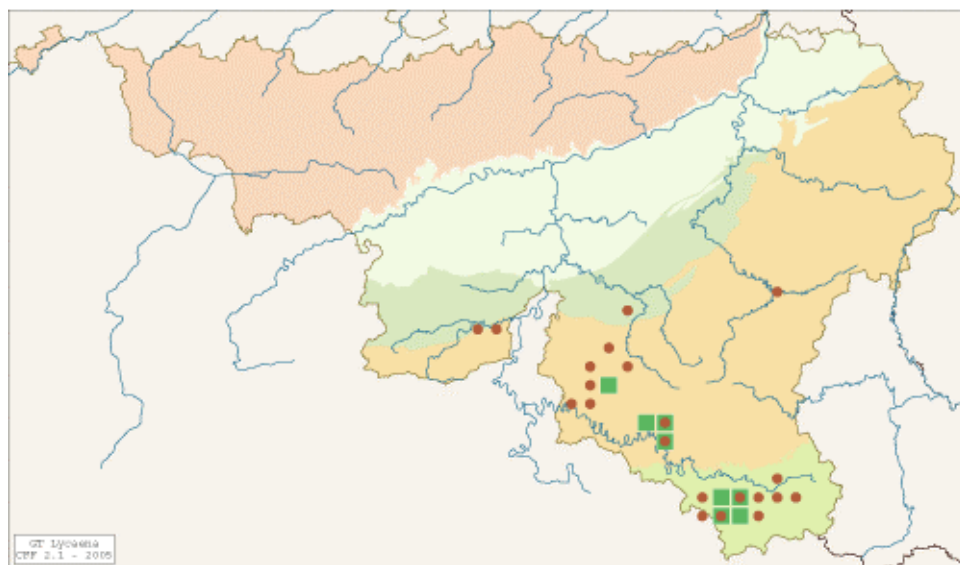
*Lycaena tityrus*

● 1985 - 2000 : 99 carrés  
■ 2001 - 2007 : 109 carrés



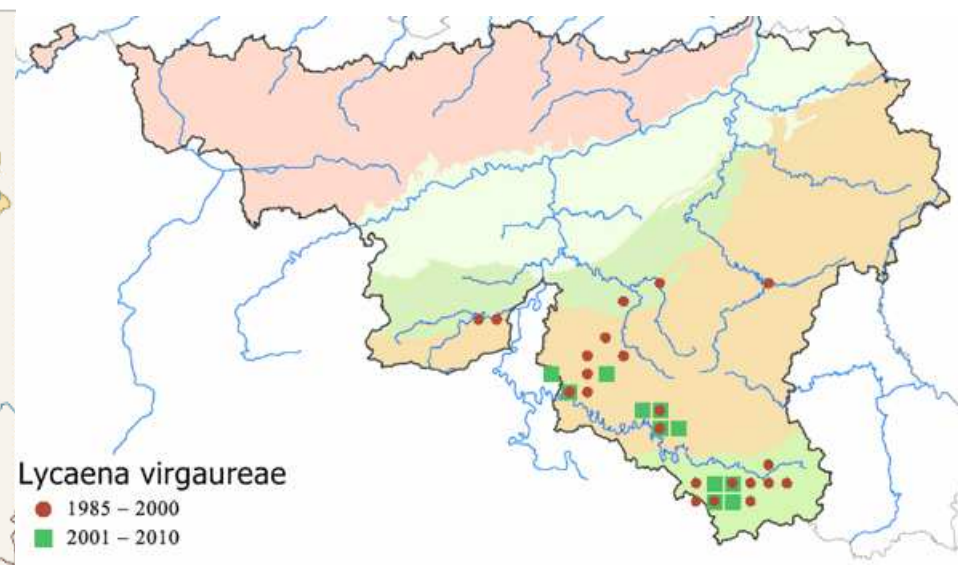
*Lycaena tityrus*

● 1985 - 2000  
■ 2001 - 2010



*Lycaena virgaureae*

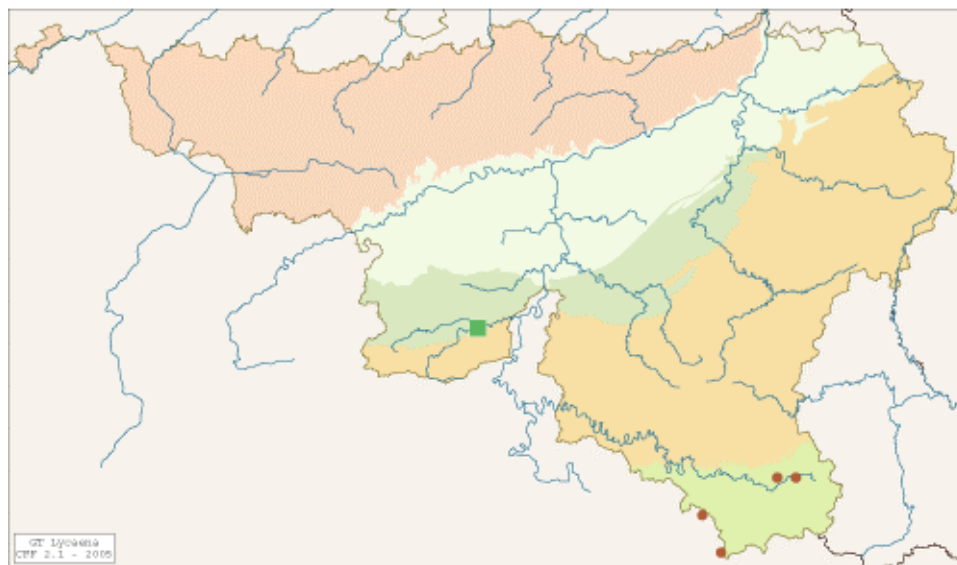
● 1985 - 2000 : 21 carrés  
■ 2001 - 2007 : 8 carrés



*Lycaena virgaureae*

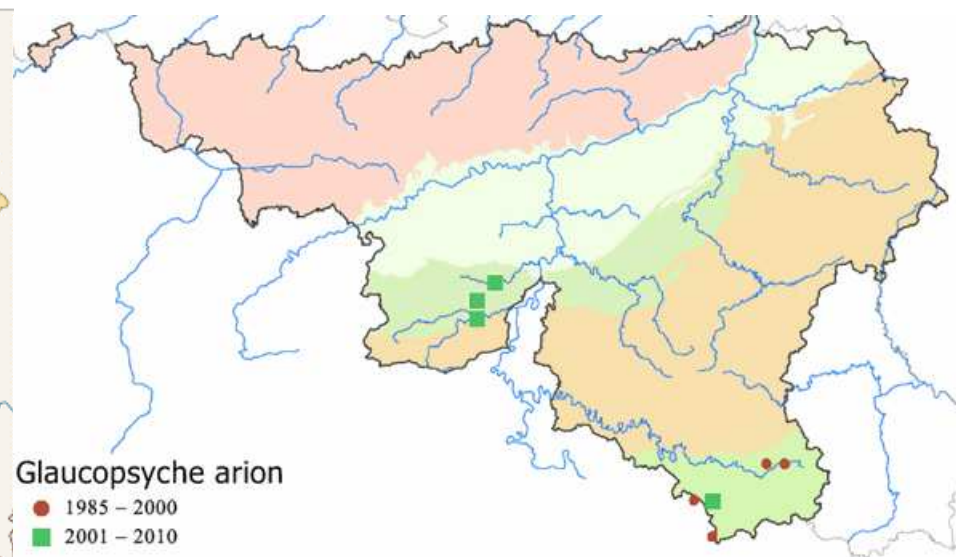
● 1985 - 2000  
■ 2001 - 2010





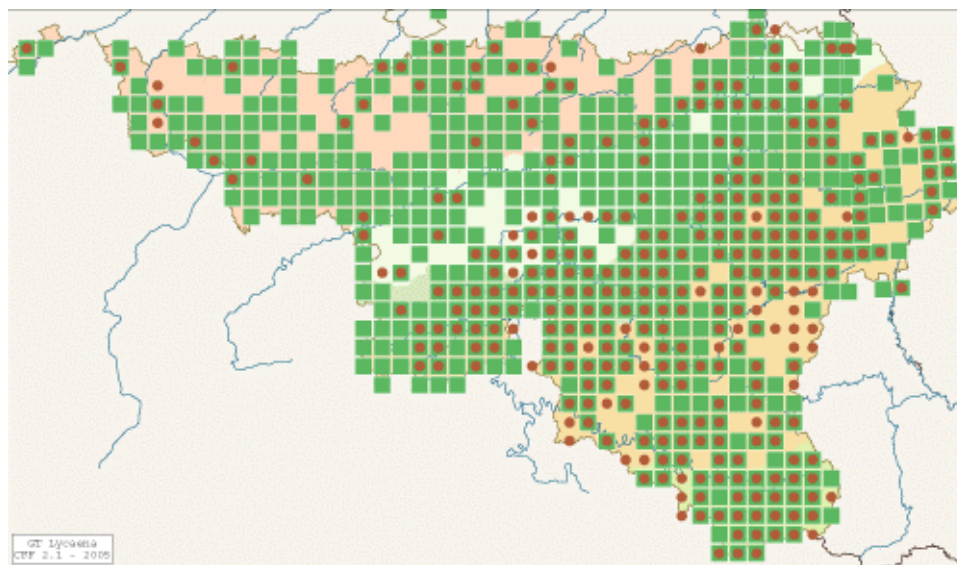
*Maculinea arion*

● 1985 - 2000 : 4 carrés  
■ 2001 - 2007 : 1 carrés



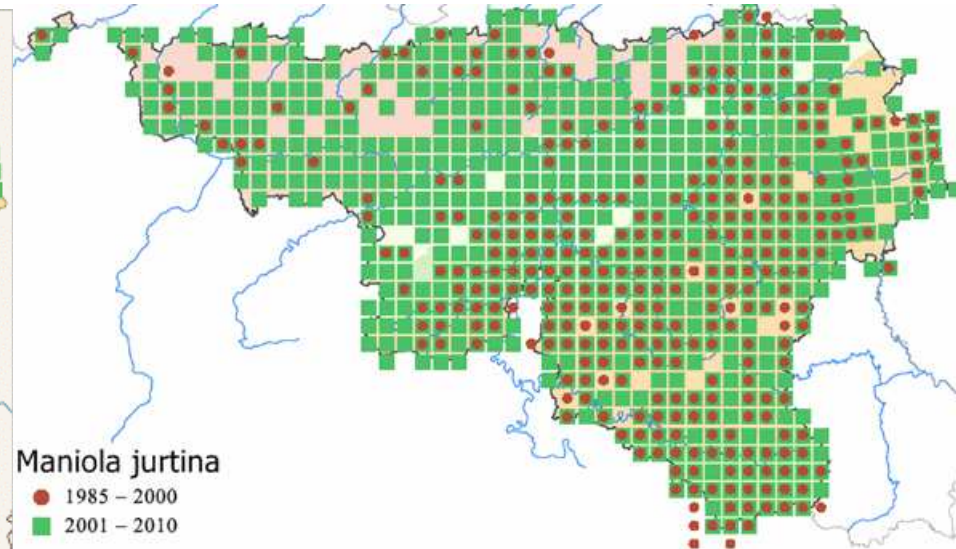
*Glaucopsyche arion*

● 1985 - 2000  
■ 2001 - 2010



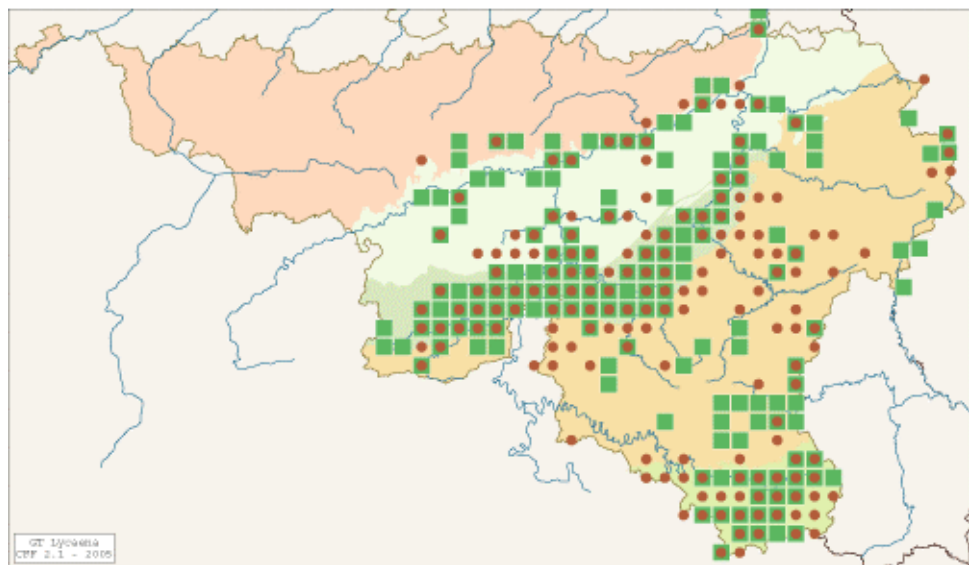
*Maniola jurtina*

● 1985 - 2000 : 333 carrés  
■ 2001 - 2007 : 569 carrés



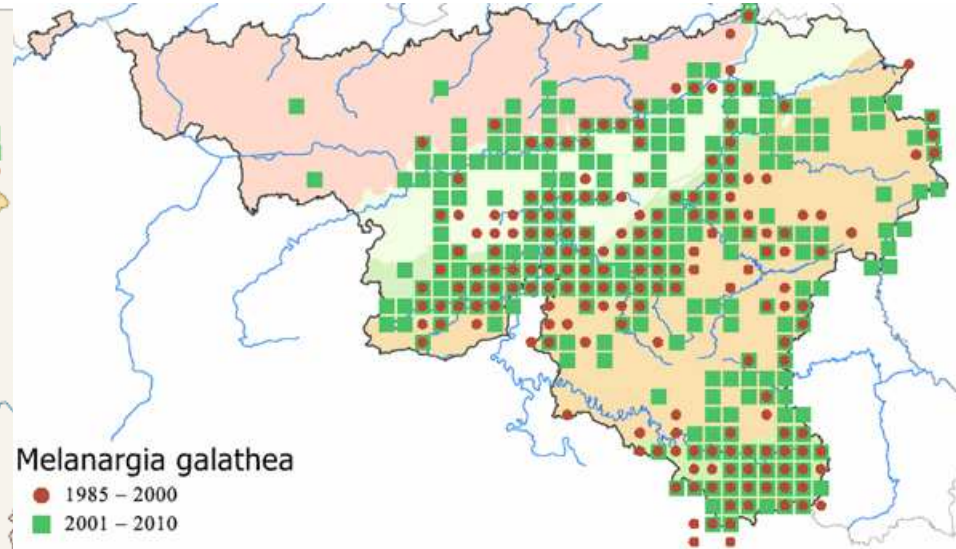
*Maniola jurtina*

● 1985 - 2000  
■ 2001 - 2010



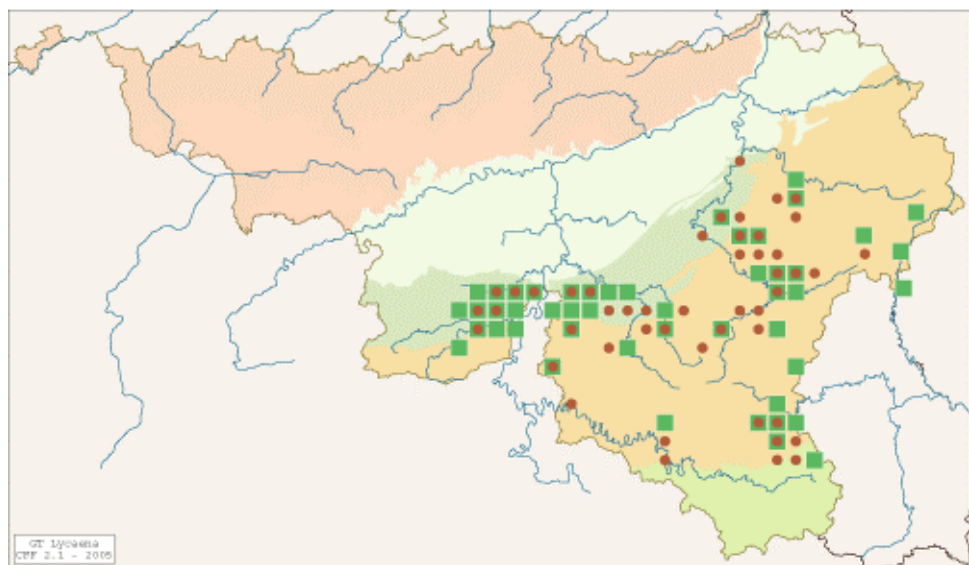
*Melanargia galathea*

● 1985 - 2000 : 92 carrés  
■ 2001 - 2007 : 166 carrés



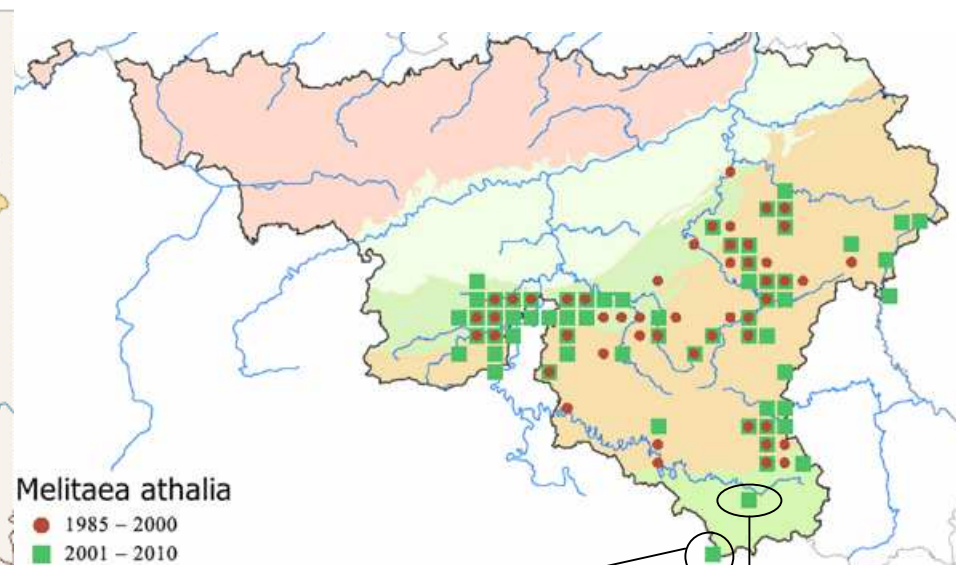
*Melanargia galathea*

● 1985 - 2000  
■ 2001 - 2010



*Mellicta athalia*

● 1985 - 2000 : 48 carrés  
■ 2001 - 2007 : 48 carrés



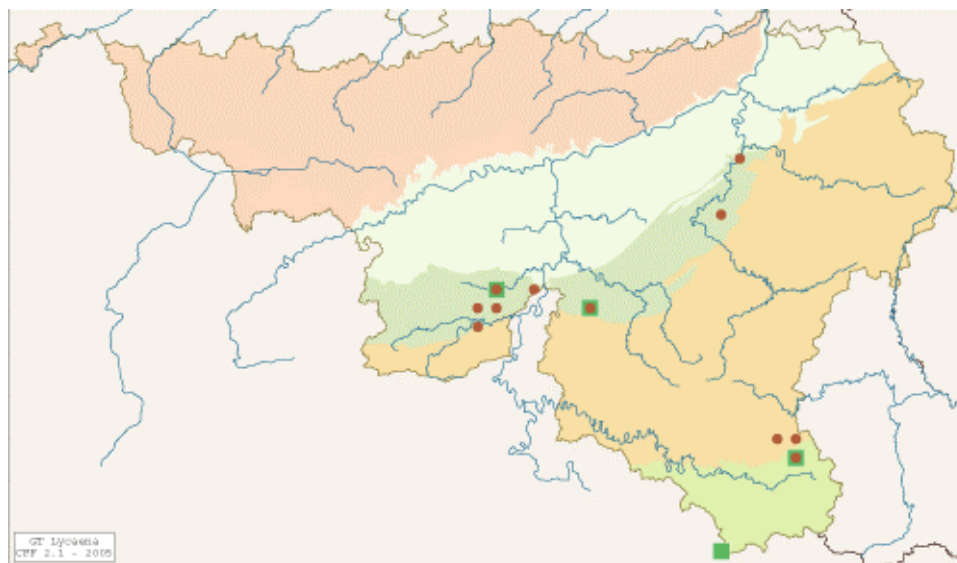
*Melitaea athalia*

● 1985 - 2000  
■ 2001 - 2010

Validation  
en cours

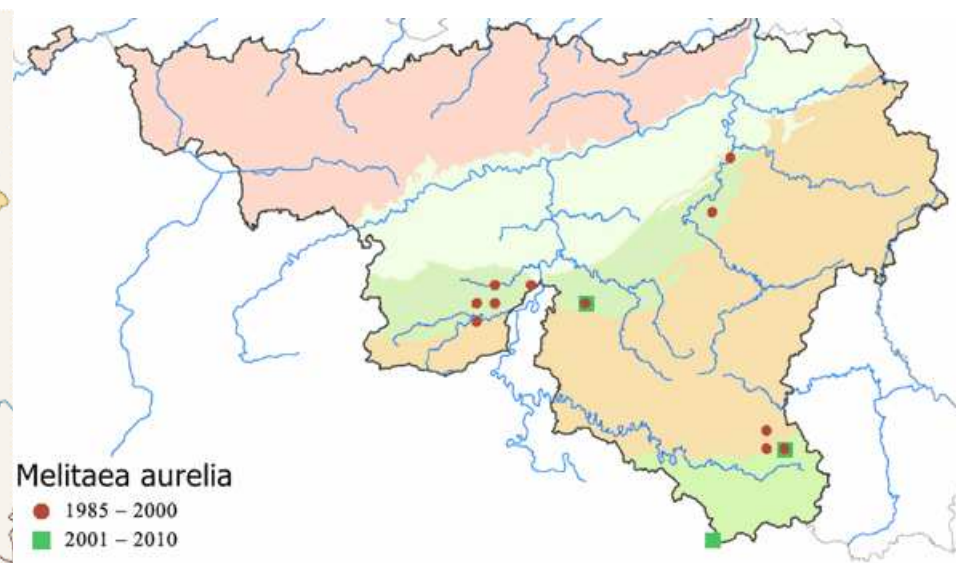
Ethe, certain (photo)  
Obs. de 2006, Kevin Lambeets





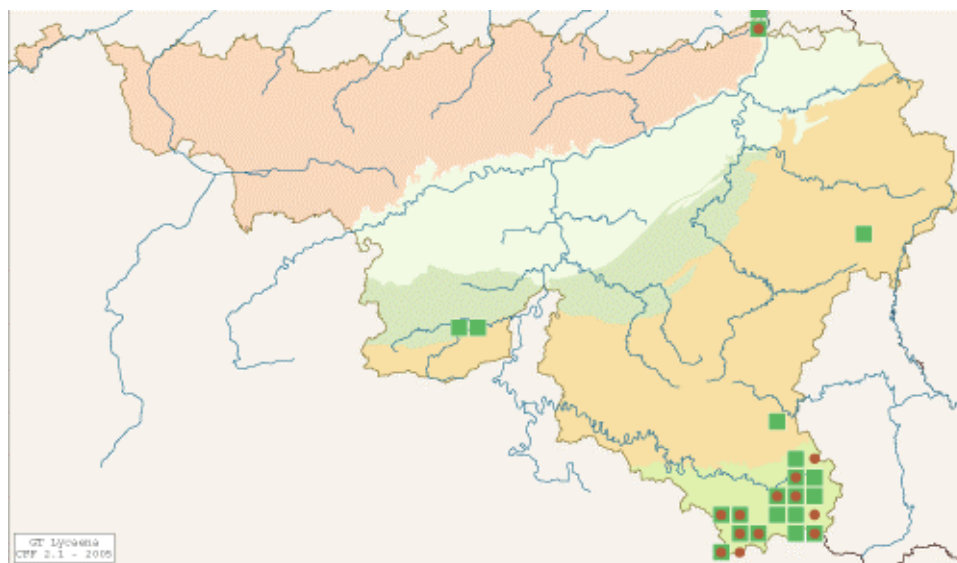
*Melicta aurelia*

● 1985 - 2000 : 11 carrés  
■ 2001 - 2007 : 4 carrés



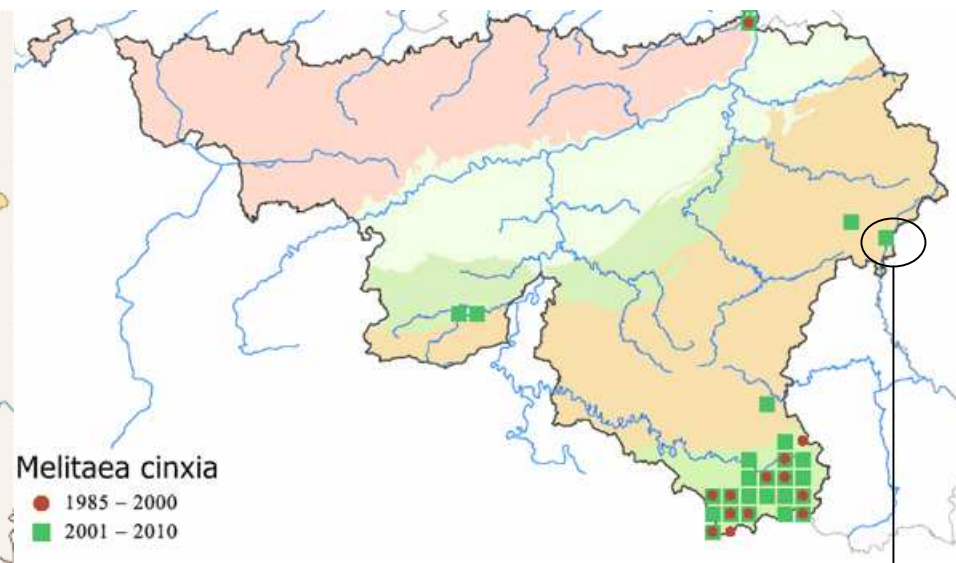
*Melitaea aurelia*

● 1985 - 2000  
■ 2001 - 2010



*Melitaea cinxia*

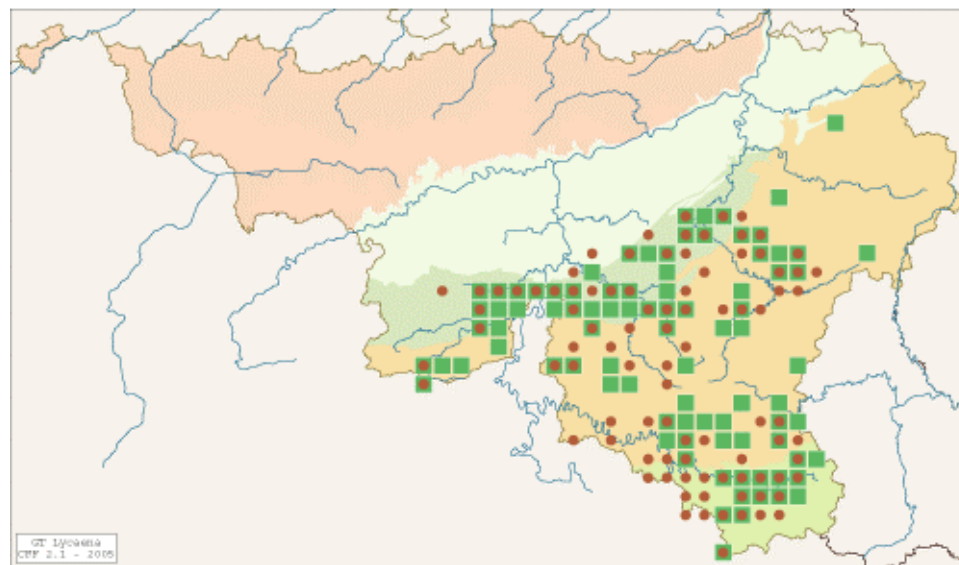
● 1985 - 2000 : 13 carrés  
■ 2001 - 2007 : 21 carrés



*Melitaea cinxia*

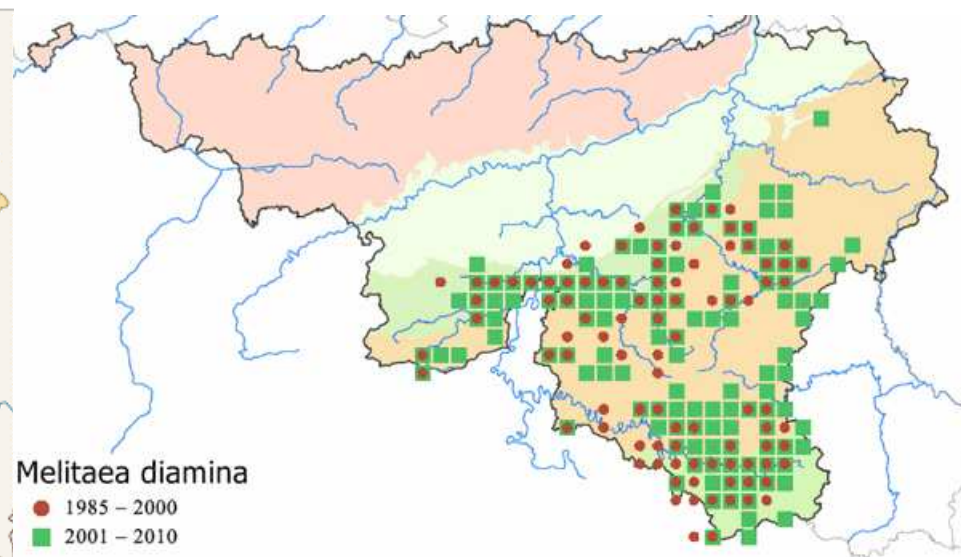
● 1985 - 2000  
■ 2001 - 2010

Confirmé par l'observateur mais pas de photo



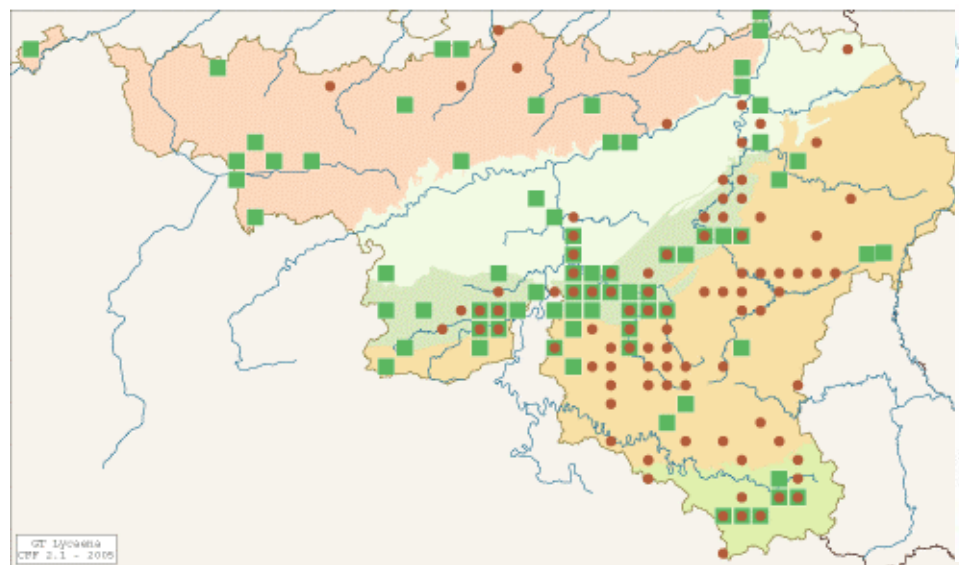
### *Melitaea diamina*

● 1985 - 2000 : 92 carrés  
■ 2001 - 2007 : 89 carrés



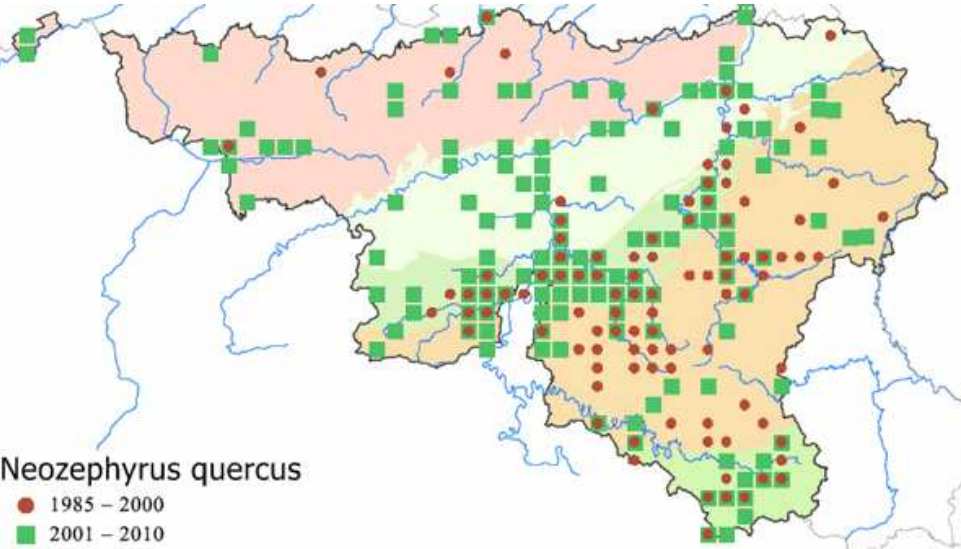
### *Melitaea diamina*

● 1985 - 2000  
■ 2001 - 2010



### *Neozephyrus quercus*

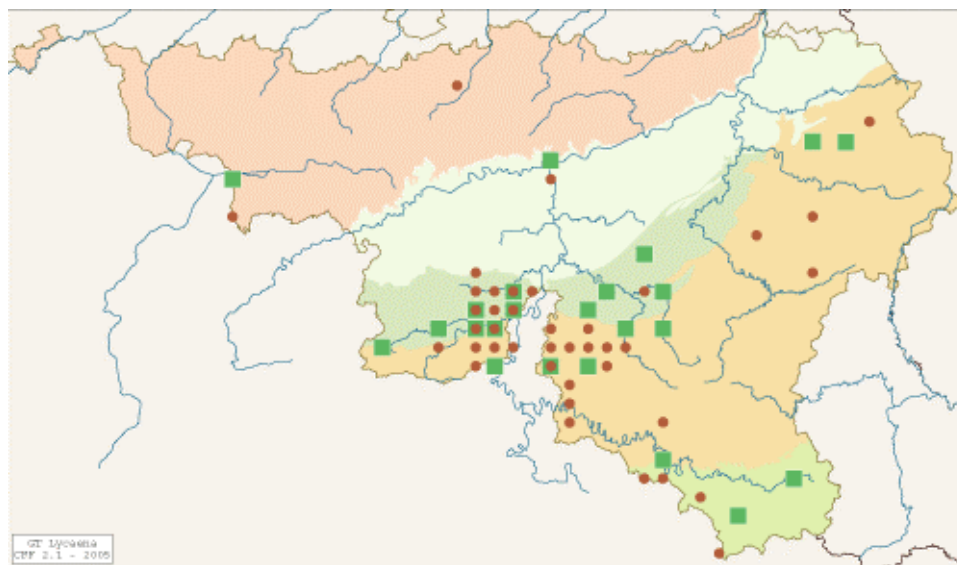
● 1985 - 2000 : 91 carrés  
■ 2001 - 2007 : 77 carrés



### *Neozephyrus quercus*

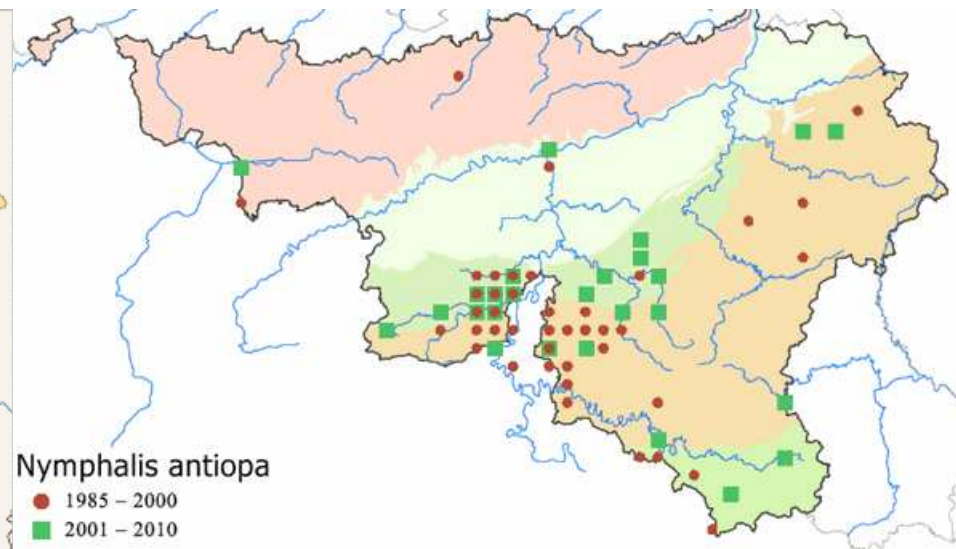
● 1985 - 2000  
■ 2001 - 2010





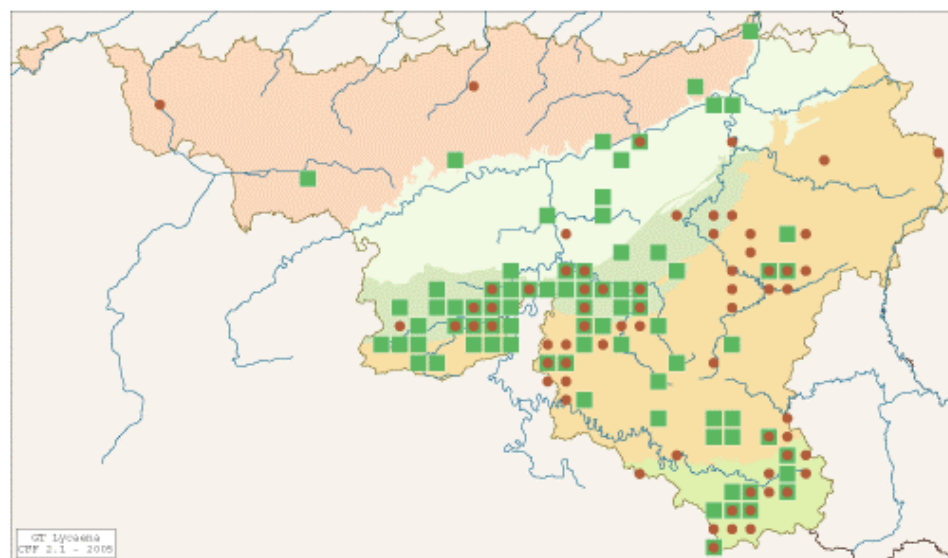
*Nymphalis antiopa*

● 1985 - 2000 : 40 carrés  
■ 2001 - 2007 : 23 carrés



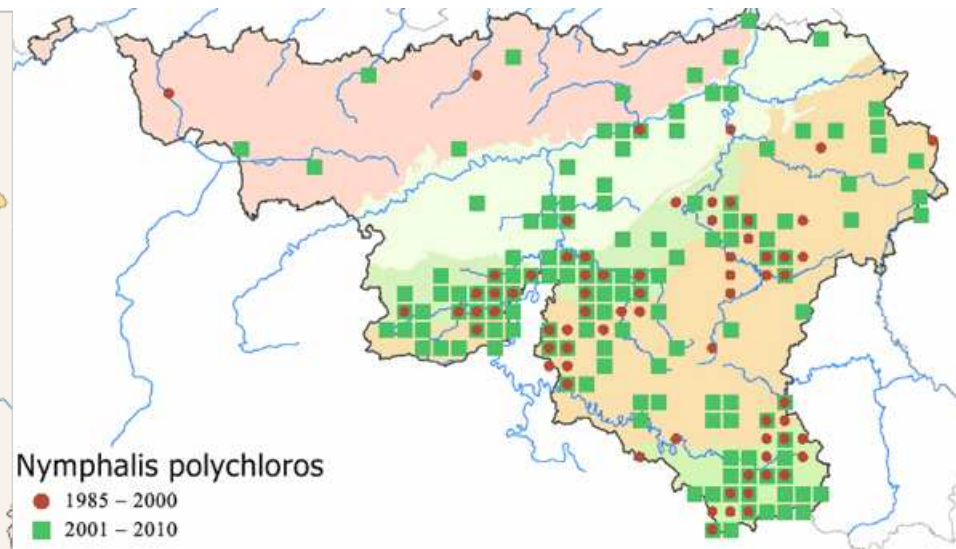
*Nymphalis antiopa*

● 1985 - 2000  
■ 2001 - 2010



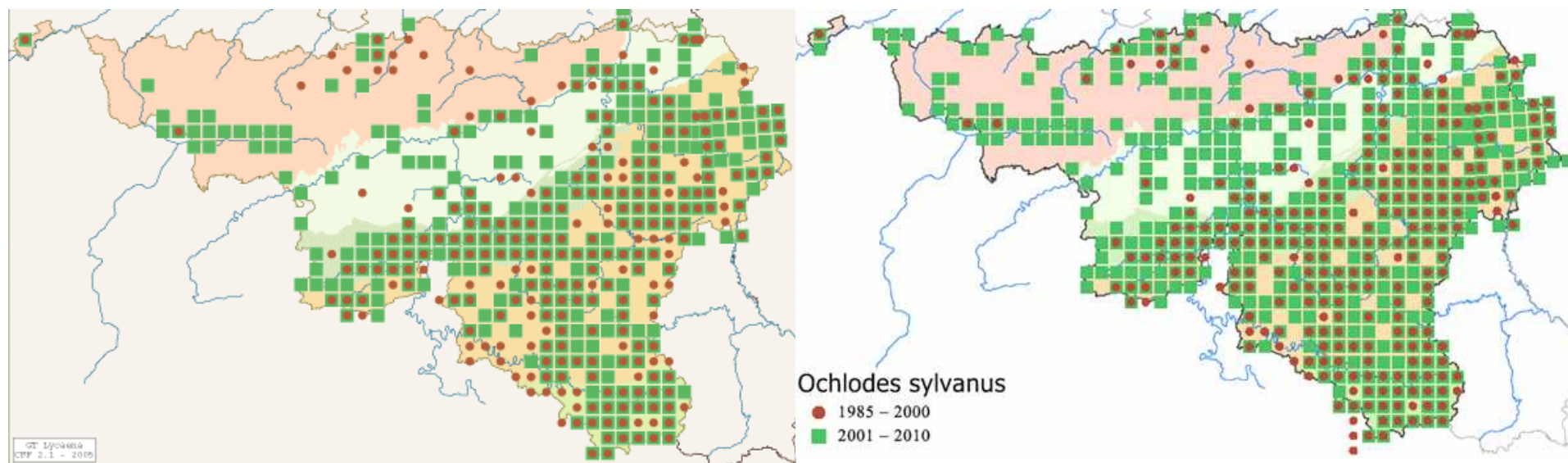
*Nymphalis polychloros*

● 1985 - 2000 : 67 carrés  
■ 2001 - 2007 : 79 carrés



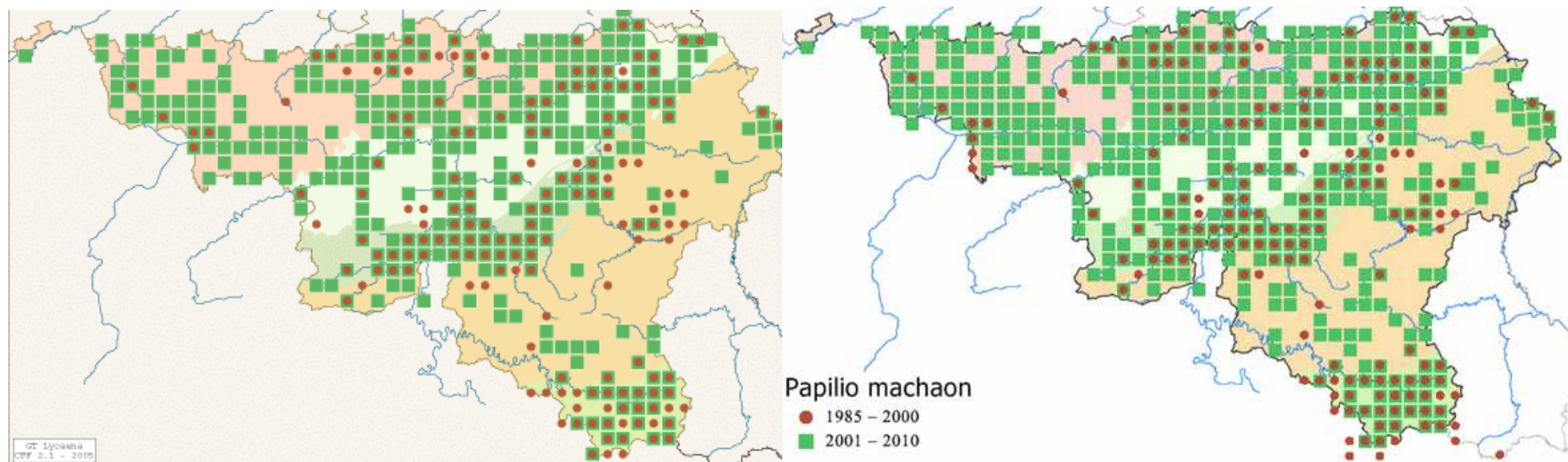
*Nymphalis polychloros*

● 1985 - 2000  
■ 2001 - 2010



### *Ochlodes sylvanus*

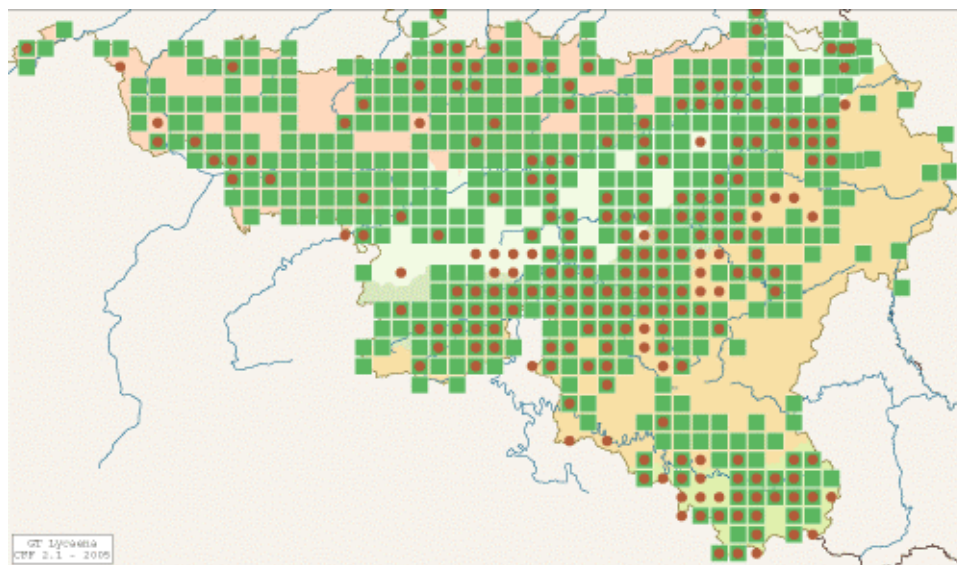
● 1985 - 2000 : 274 carrés  
■ 2001 - 2007 : 322 carrés



### *Papilio machaon*

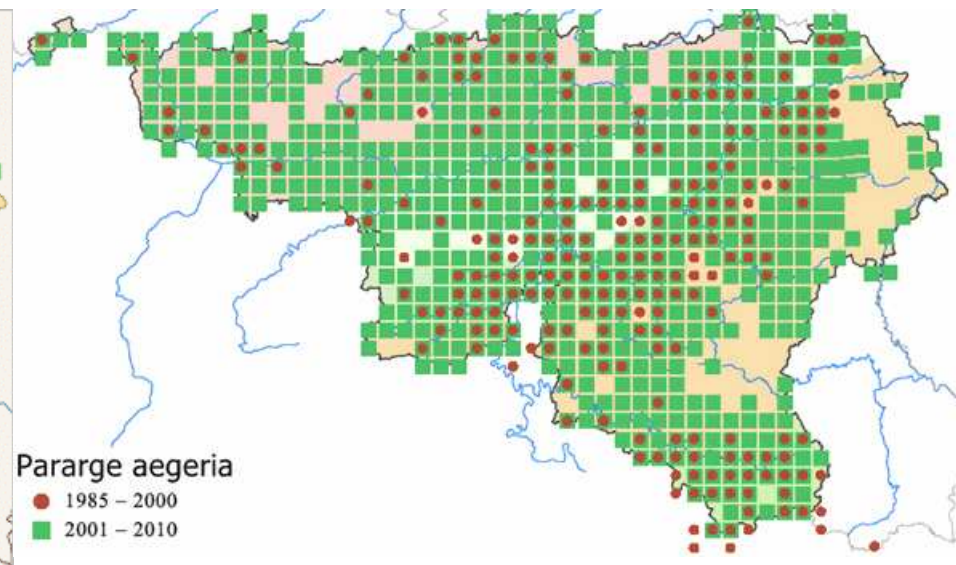
● 1985 - 2000 : 175 carrés  
■ 2001 - 2007 : 333 carrés





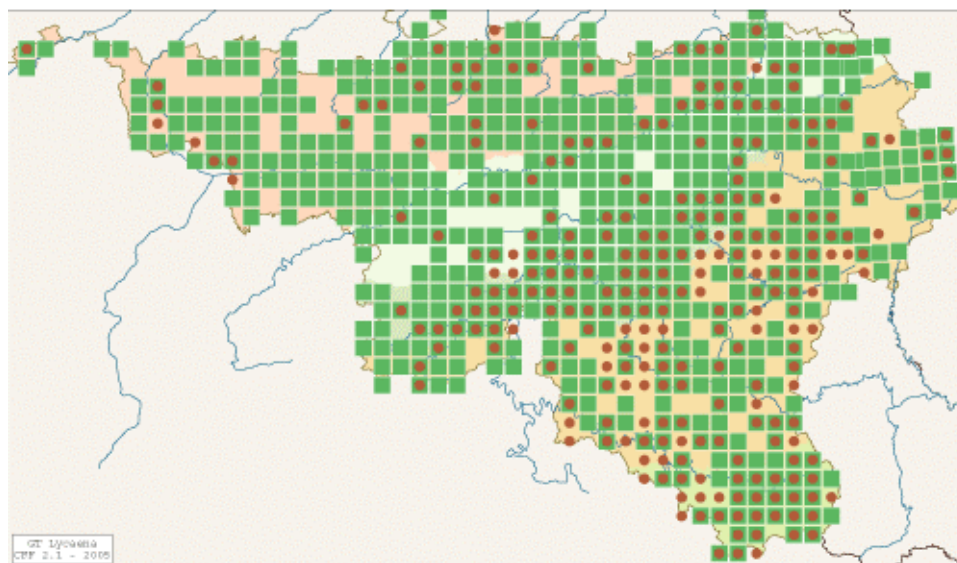
*Pararge aegeria*

● 1985 - 2000 : 234 carrés  
■ 2001 - 2007 : 497 carrés



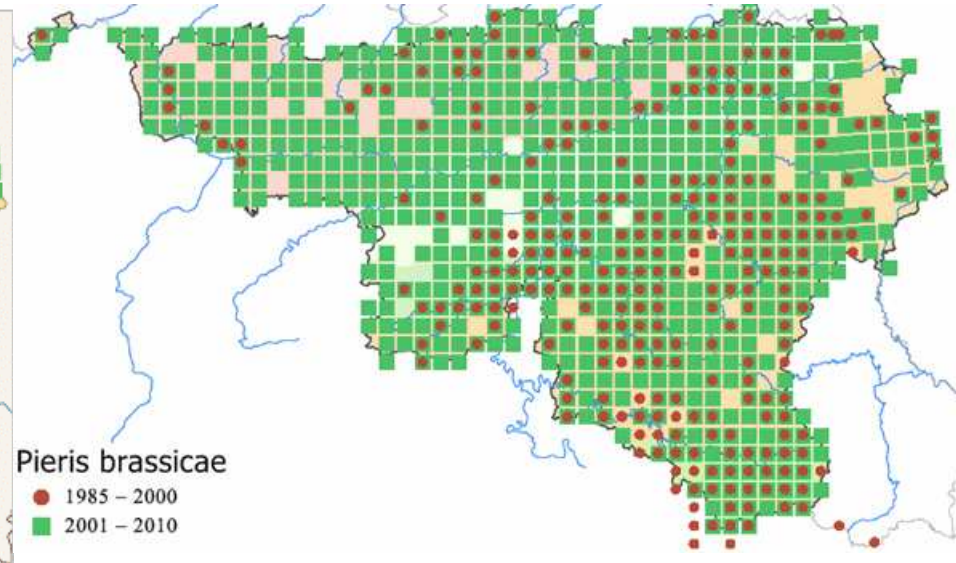
*Pararge aegeria*

● 1985 - 2000  
■ 2001 - 2010



*Pieris brassicae*

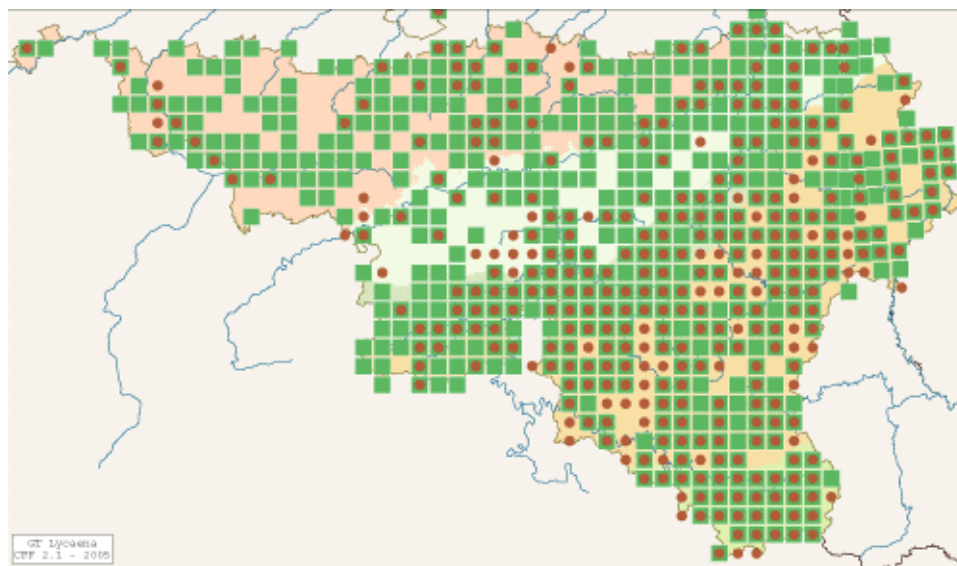
● 1985 - 2000 : 278 carrés  
■ 2001 - 2007 : 562 carrés



*Pieris brassicae*

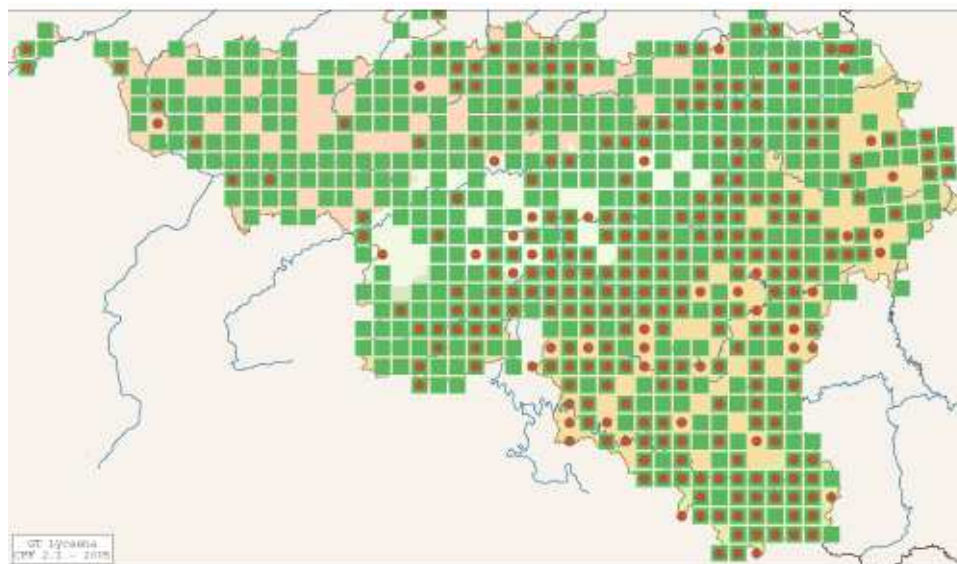
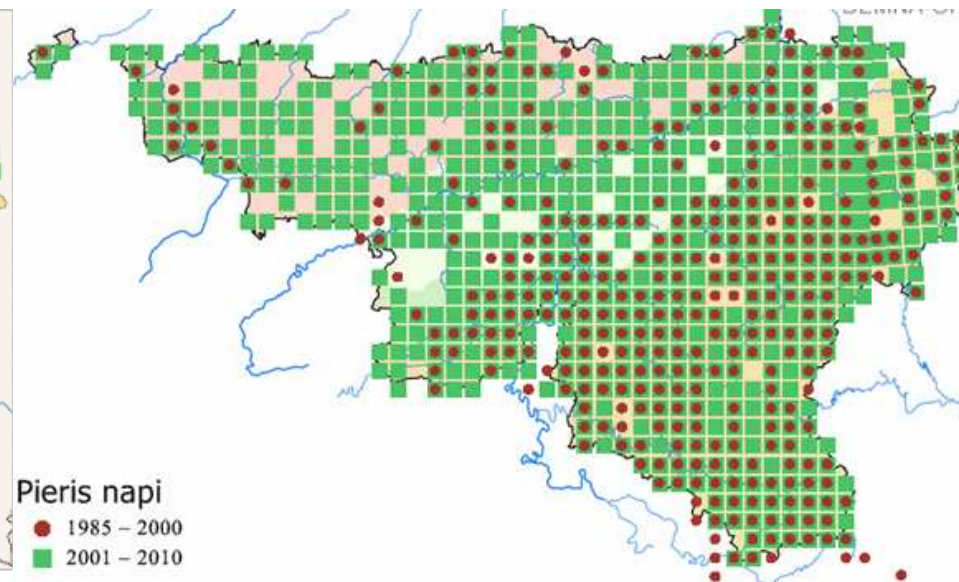
● 1985 - 2000  
■ 2001 - 2010





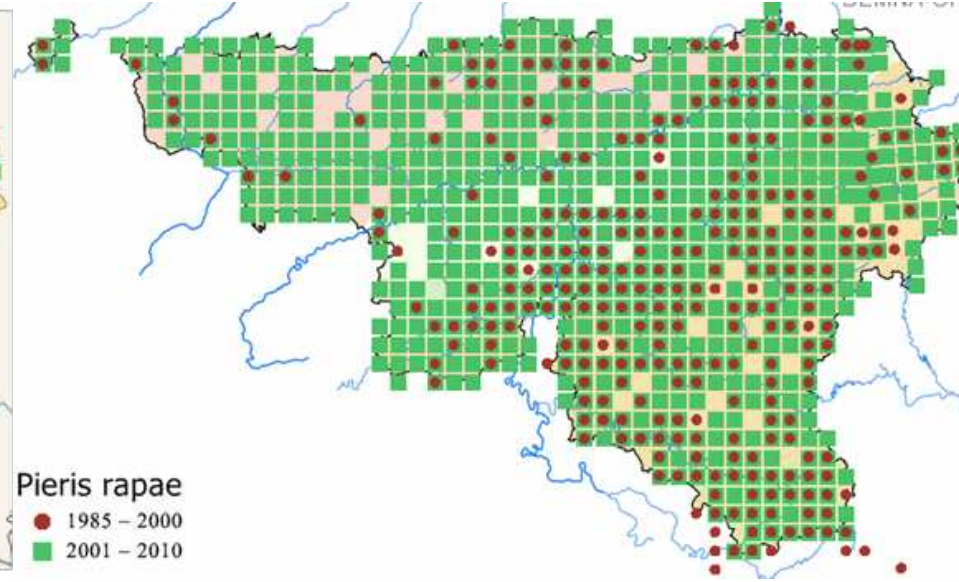
### *Pieris napi*

● 1985 - 2000 : 371 carrés  
■ 2001 - 2007 : 535 carrés

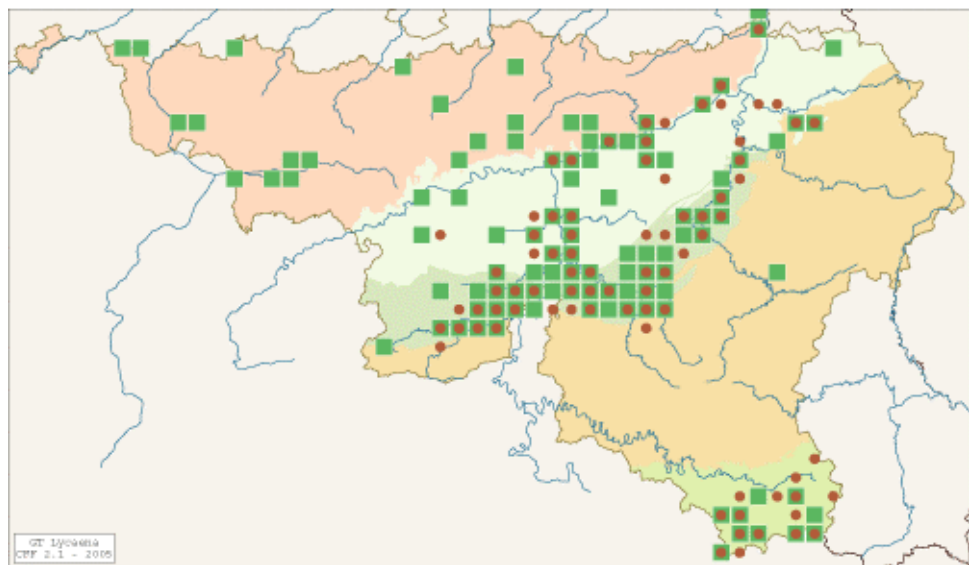


### *Pieris rapae*

● 1985 - 2000 : 296 carrés  
■ 2001 - 2007 : 576 carrés

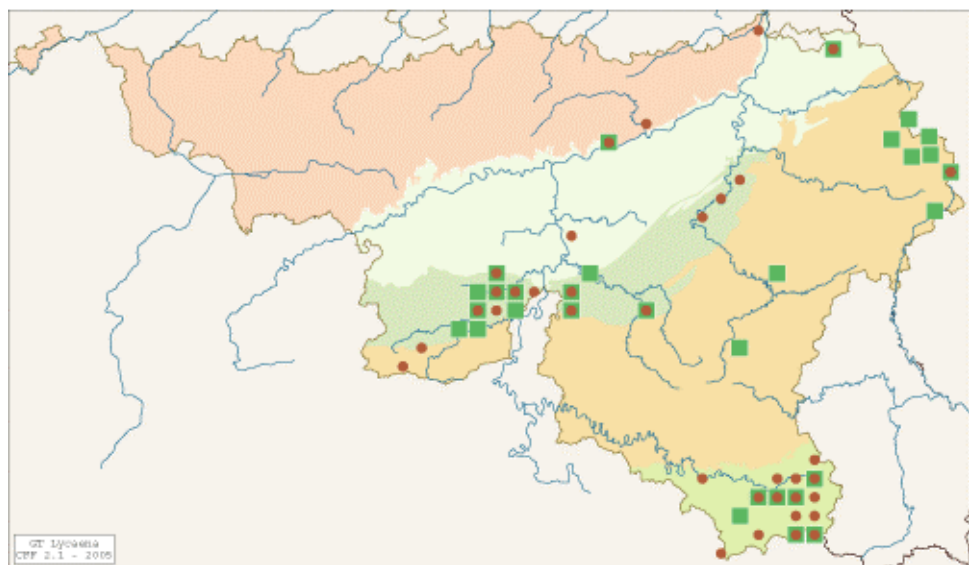
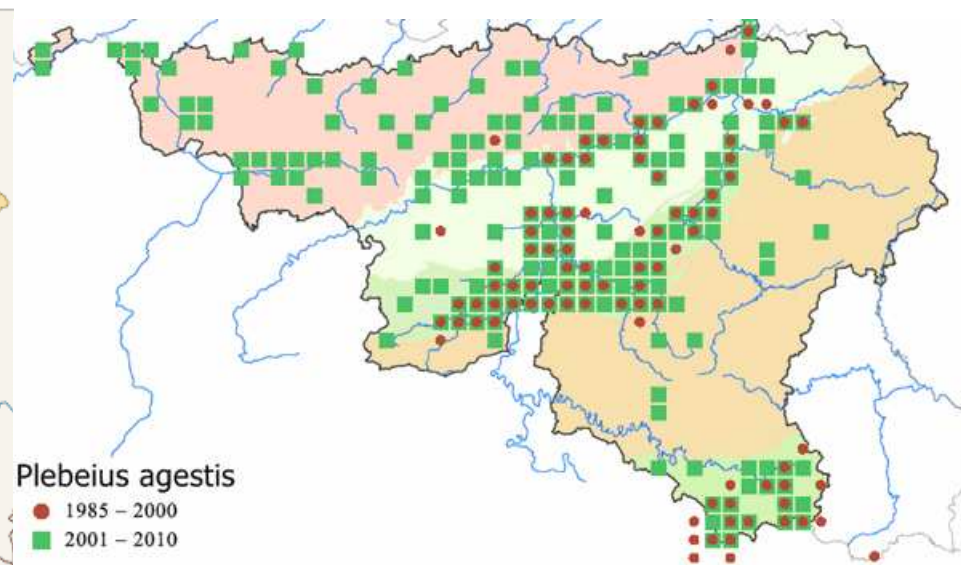






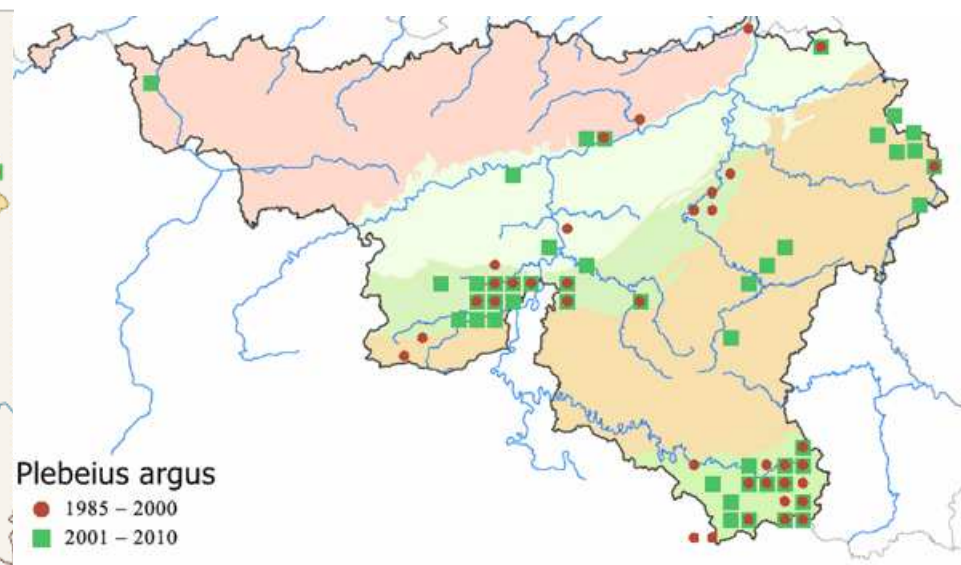
*Aricia agestis*

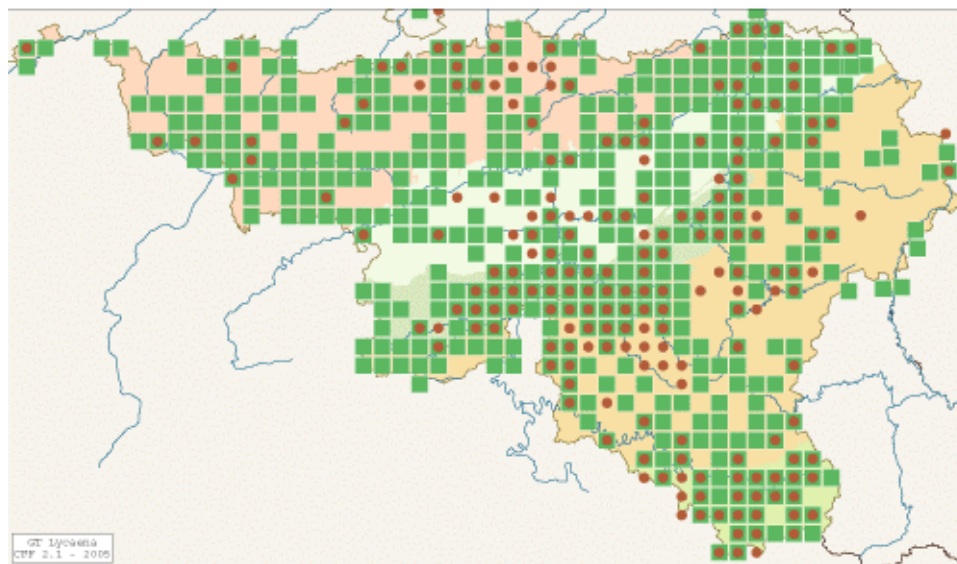
● 1985 - 2000 : 79 carrés  
■ 2001 - 2007 : 105 carrés



*Plebeius argus*

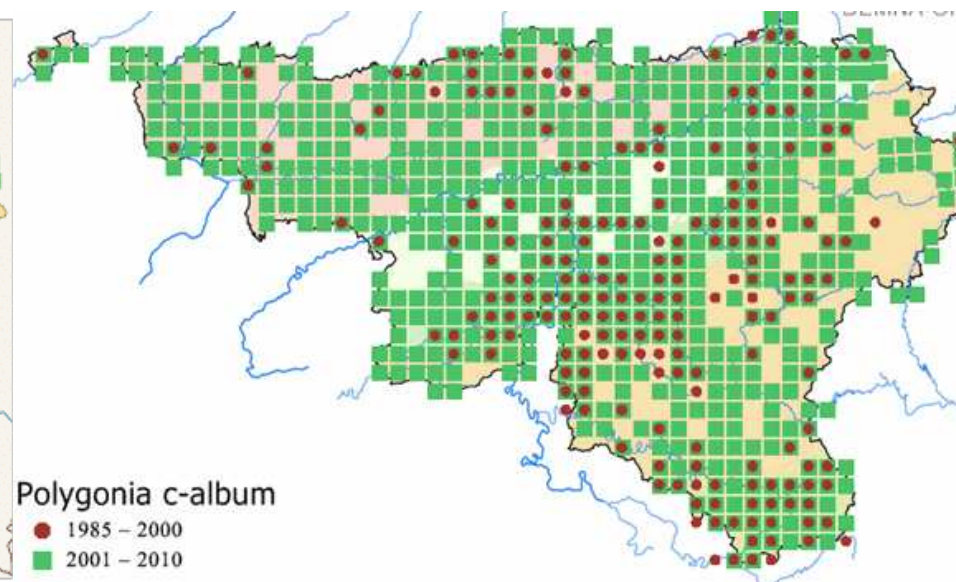
● 1985 - 2000 : 35 carrés  
■ 2001 - 2007 : 30 carrés





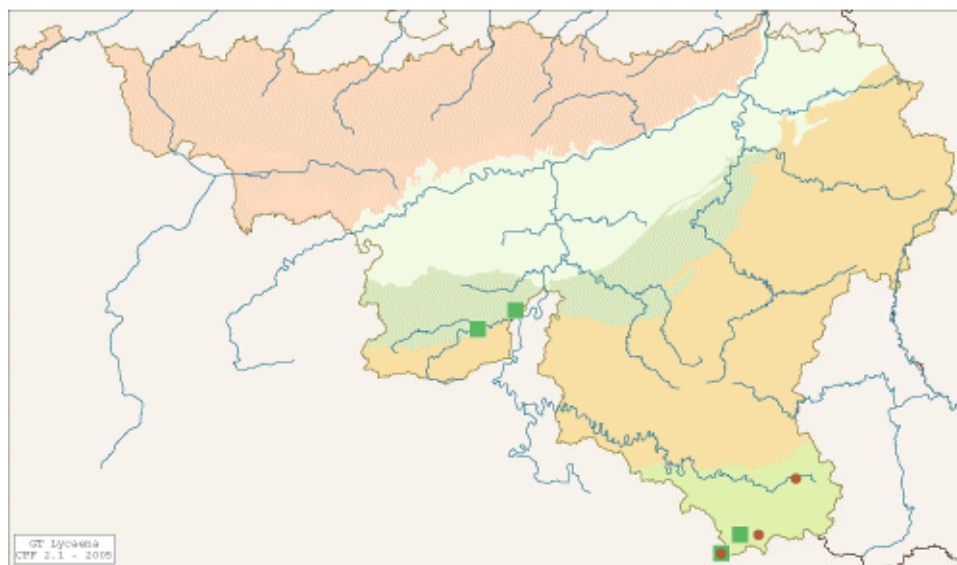
*Polygonia c-album*

● 1985 - 2000 : 204 carrés  
■ 2001 - 2007 : 456 carrés



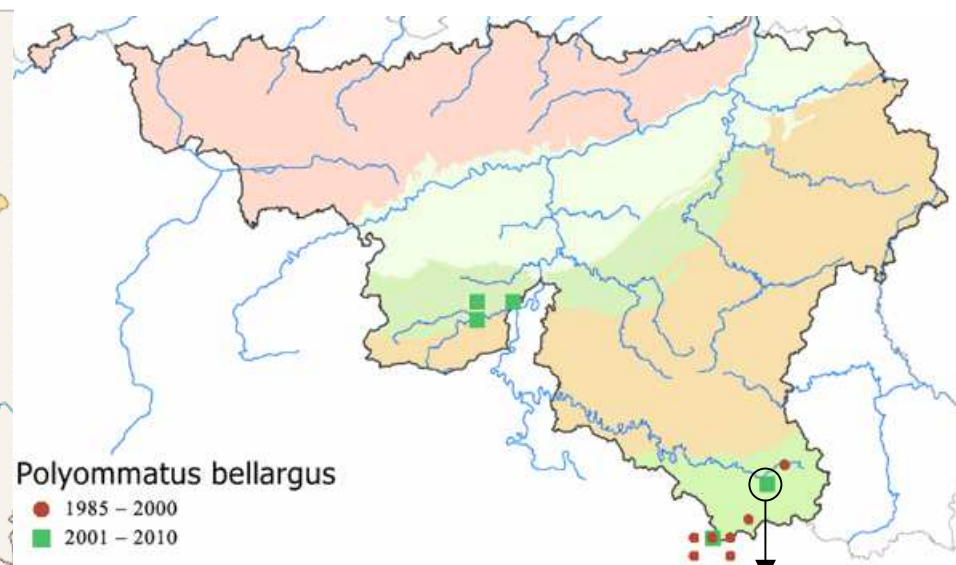
*Polygonia c-album*

● 1985 - 2000  
■ 2001 - 2010



*Lysandra bellargus*

● 1985 - 2000 : 3 carrés  
■ 2001 - 2007 : 4 carrés

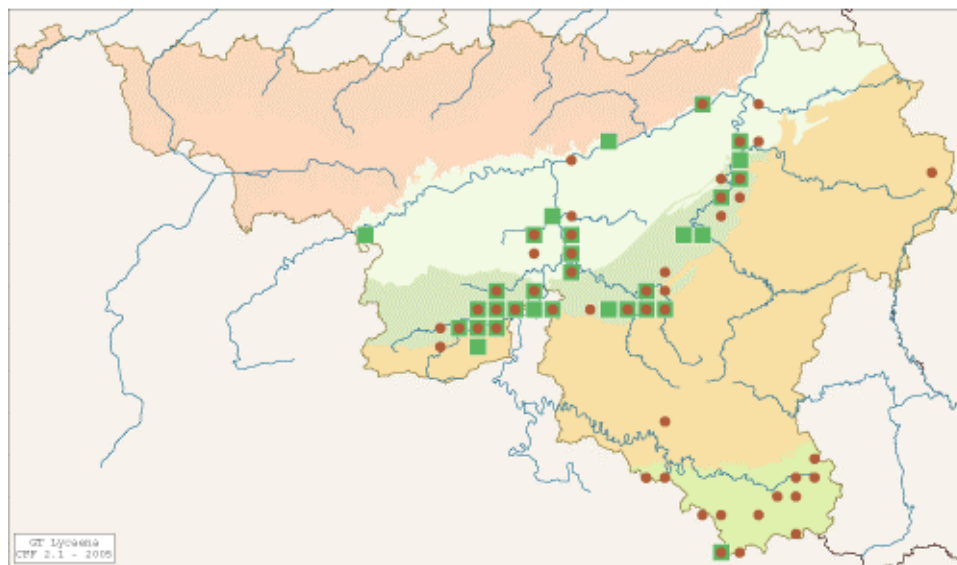


*Polyommatus bellargus*

● 1985 - 2000  
■ 2001 - 2010

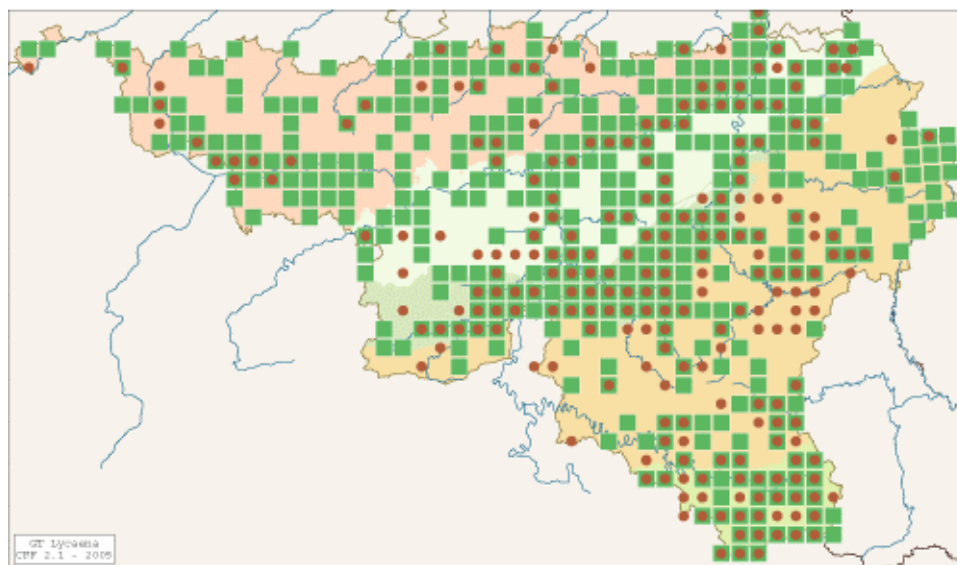
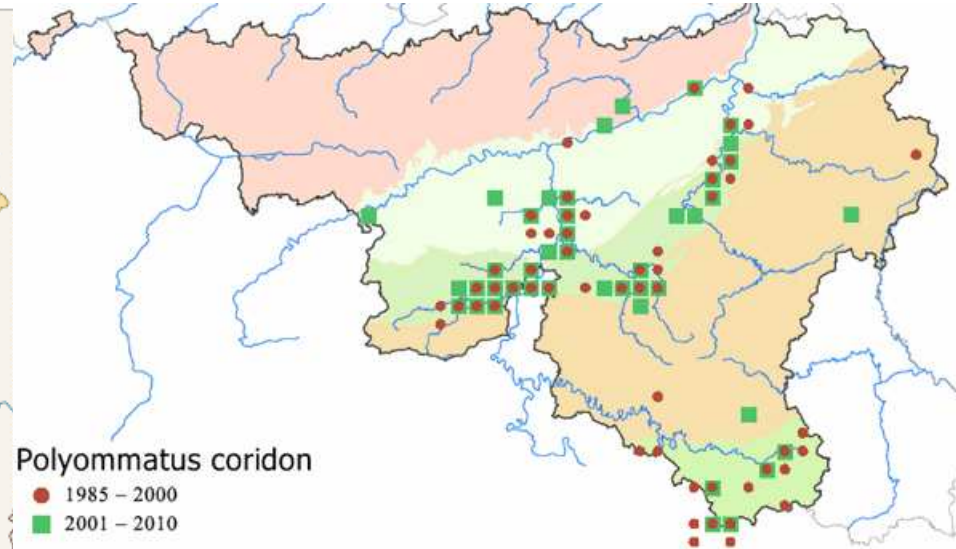
Identification sans doute  
erronée, en cours de validation





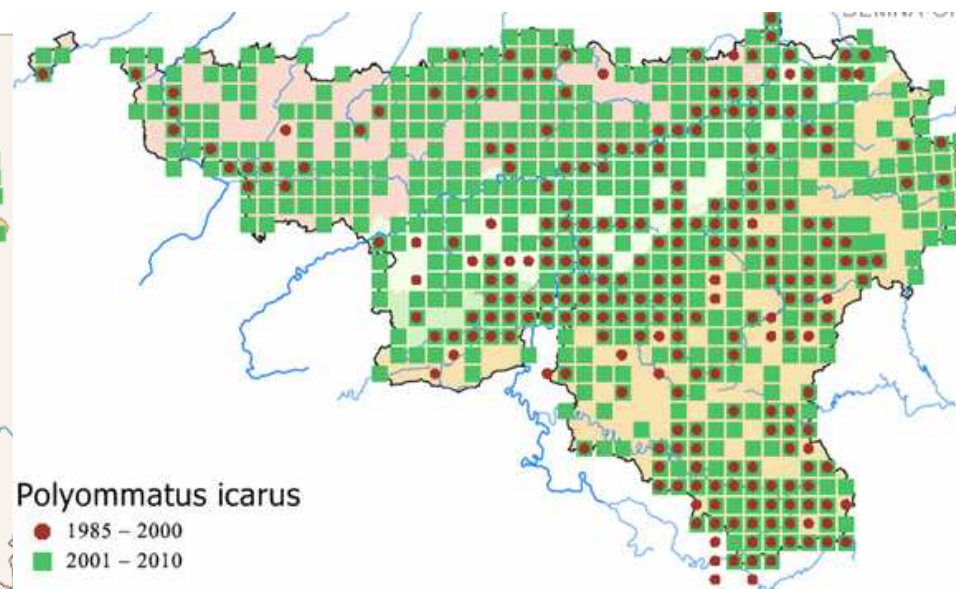
*Lysandra coridon*

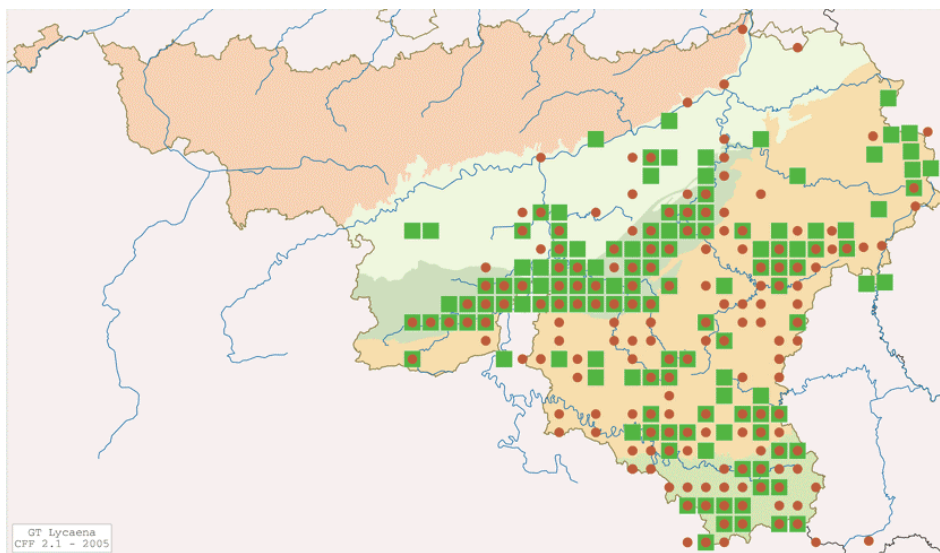
● 1985 - 2000 : 49 carrés  
■ 2001 - 2007 : 31 carrés



*Polyommatus icarus*

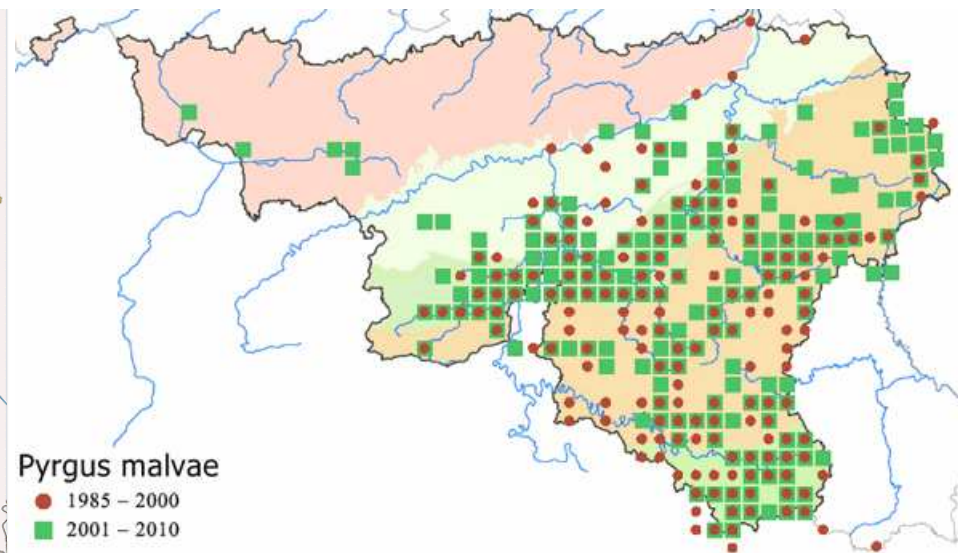
● 1985 - 2000 : 241 carrés  
■ 2001 - 2007 : 401 carrés





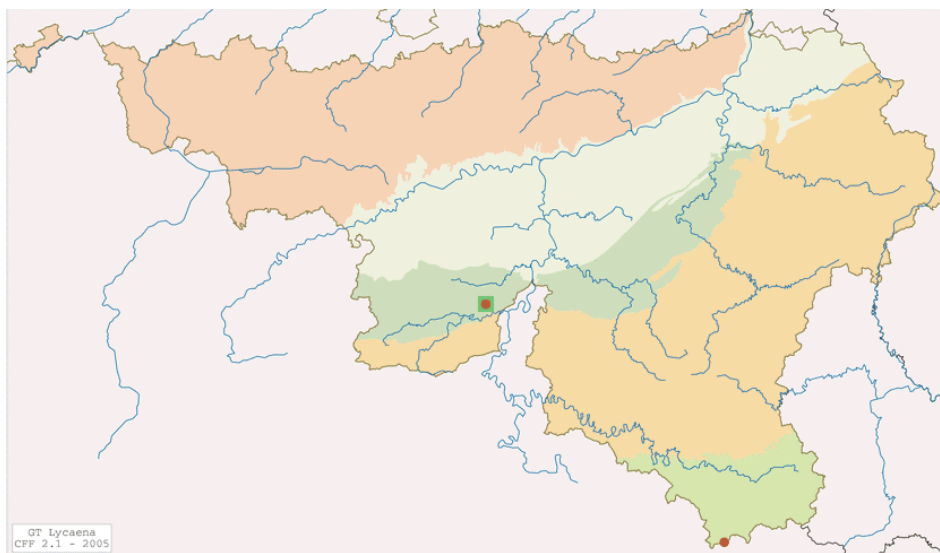
### *Pyrgus malvae*

- 1985 - 2000 : 199 carrés
- 2001 - 2007 : 131 carrés



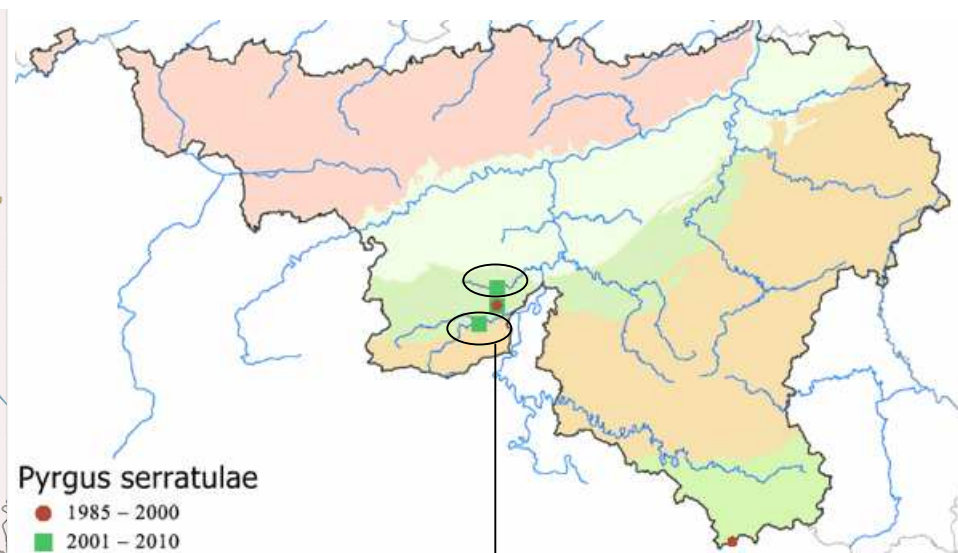
### *Pyrgus malvae*

- 1985 - 2000
- 2001 - 2010



### *Pyrgus serratulae*

- 1985 - 2000 : 2 carrés
- 2001 - 2007 : 1 carré

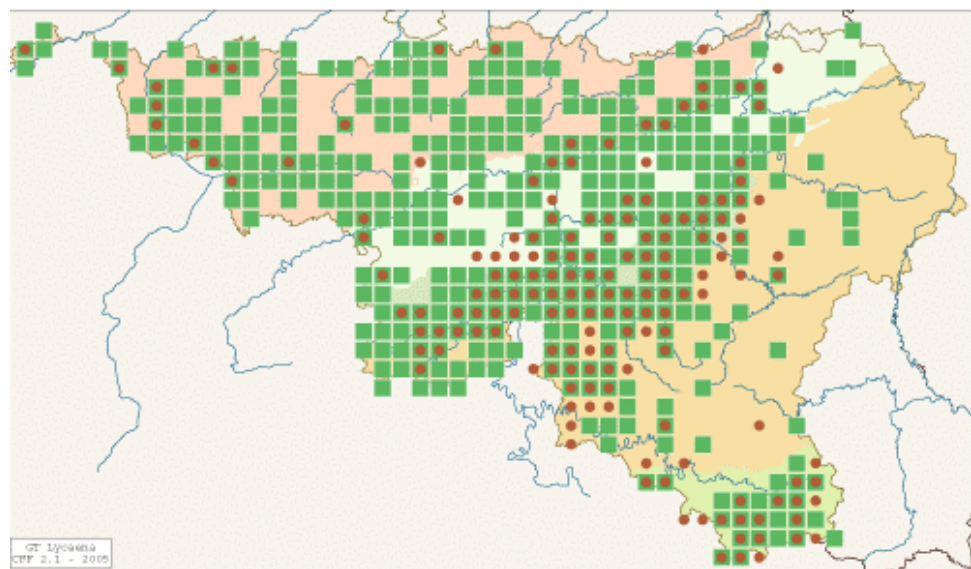


### *Pyrgus serratulae*

- 1985 - 2000
- 2001 - 2010

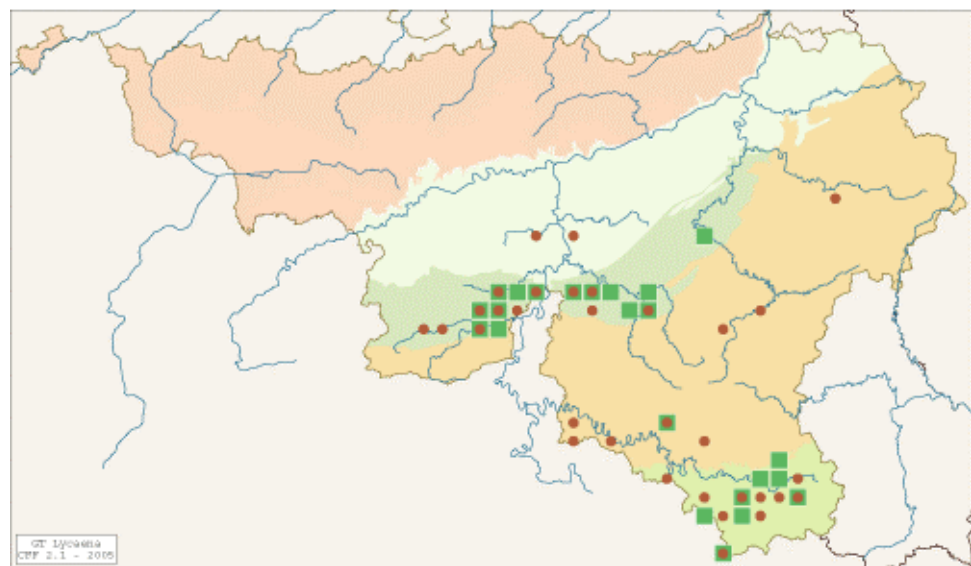
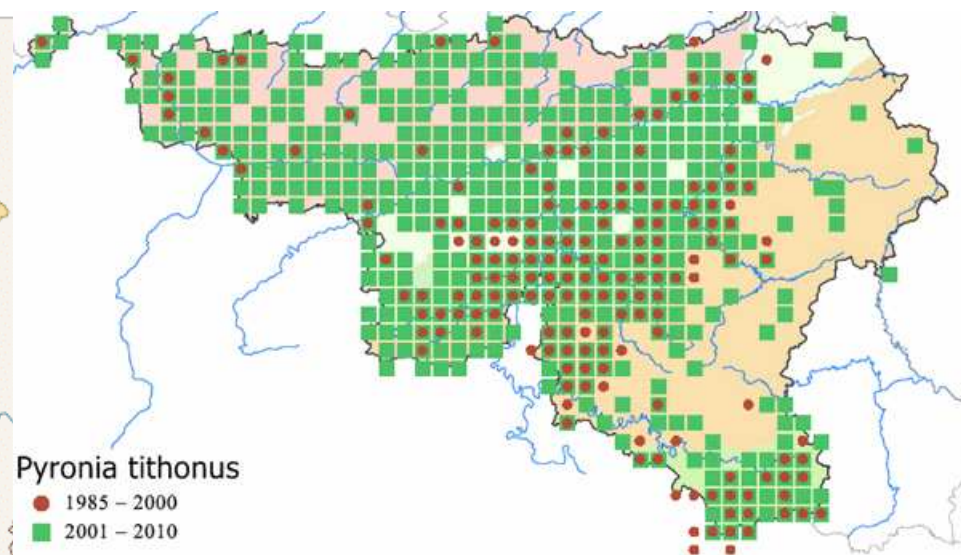
Identifications incertaines + en cours de validation





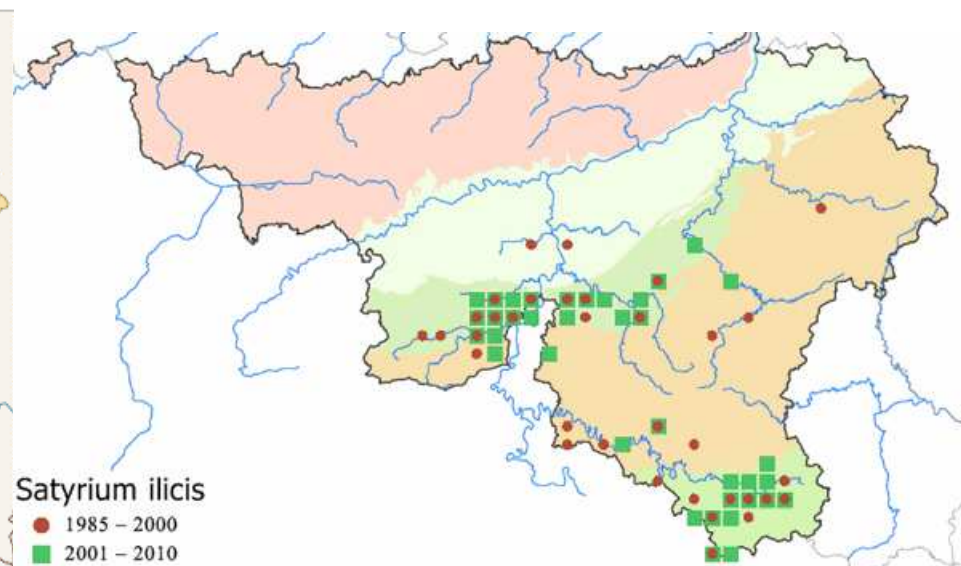
*Pyronia tithonus*

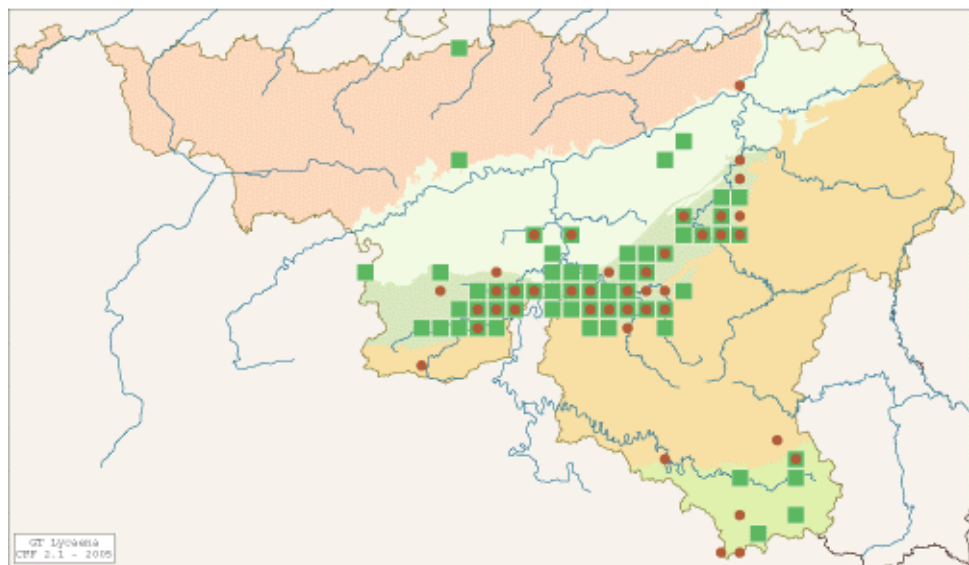
● 1985 - 2000 : 170 carrés  
■ 2001 - 2007 : 381 carrés



*Satyrium ilicis*

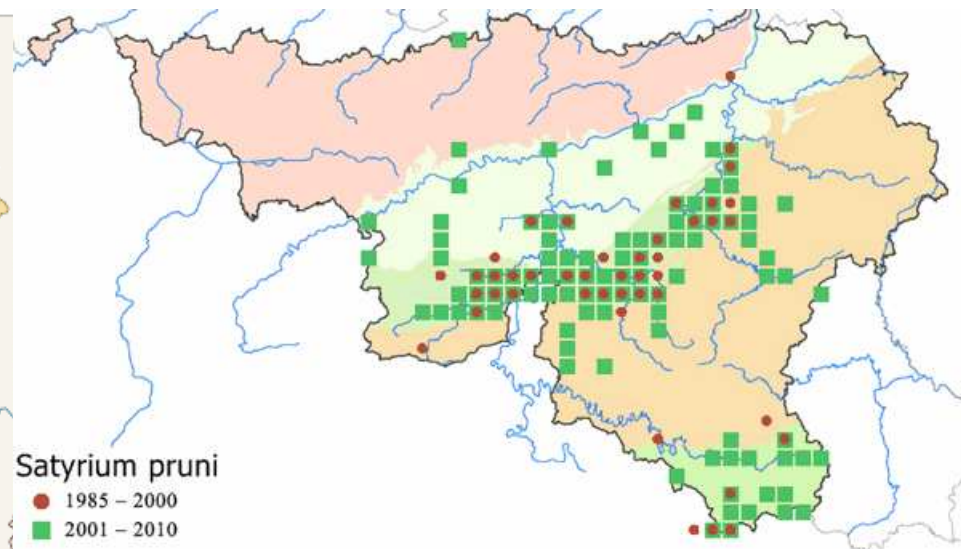
● 1985 - 2000 : 32 carrés  
■ 2001 - 2007 : 23 carrés



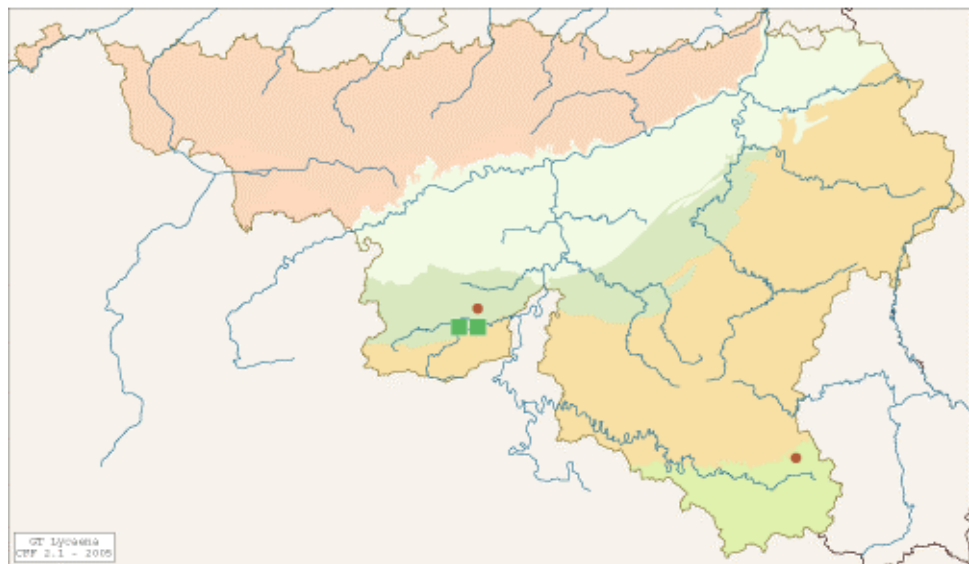


### *Satyrium pruni*

● 1985 - 2000 : 41 carrés  
■ 2001 - 2007 : 59 carrés

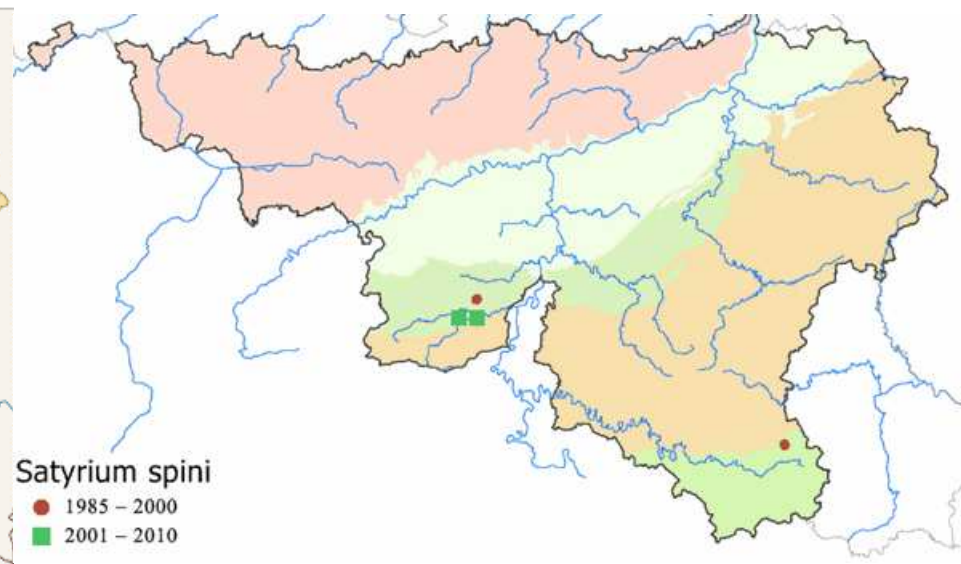


Progression remarquable en Ardenne!

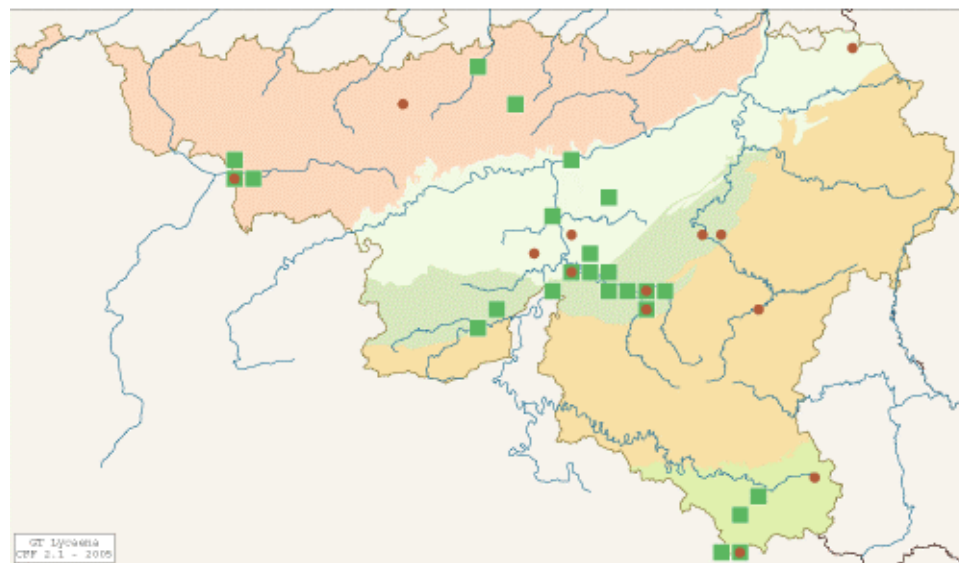


### *Satyrium spini*

● 1985 - 2000 : xx carrés  
■ 2001 - 2007 : xx carrés

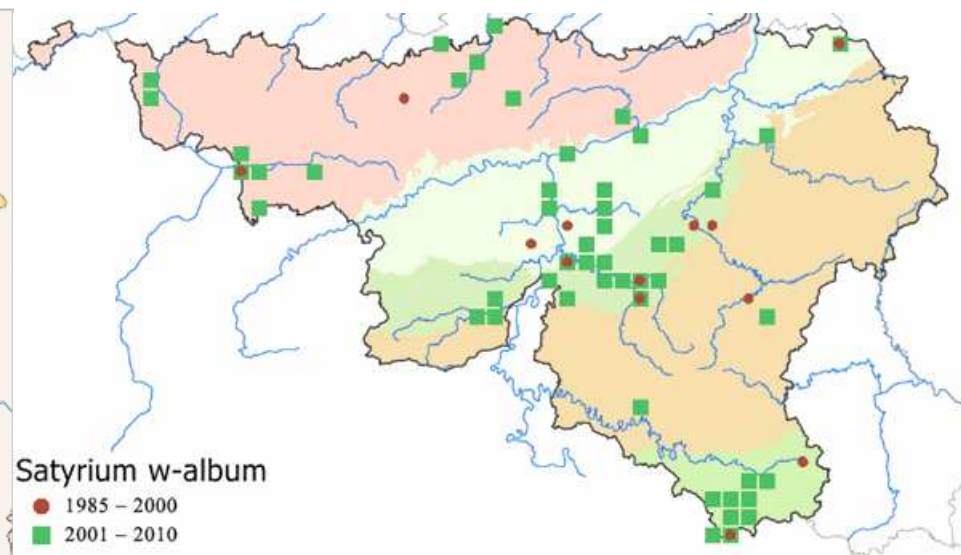






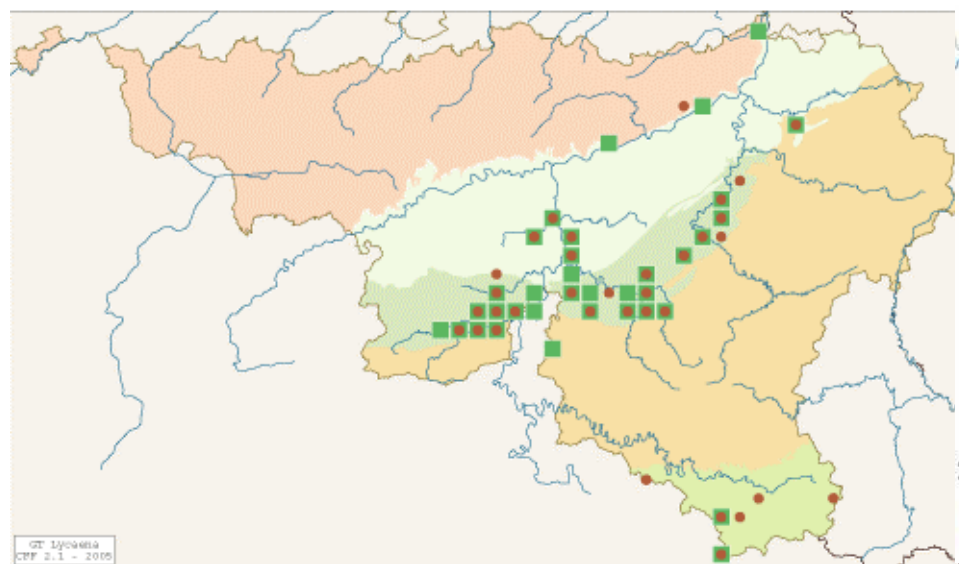
*Satyrium w-album*

● 1985 - 2000 : 13 carrés  
■ 2001 - 2007 : 24 carrés



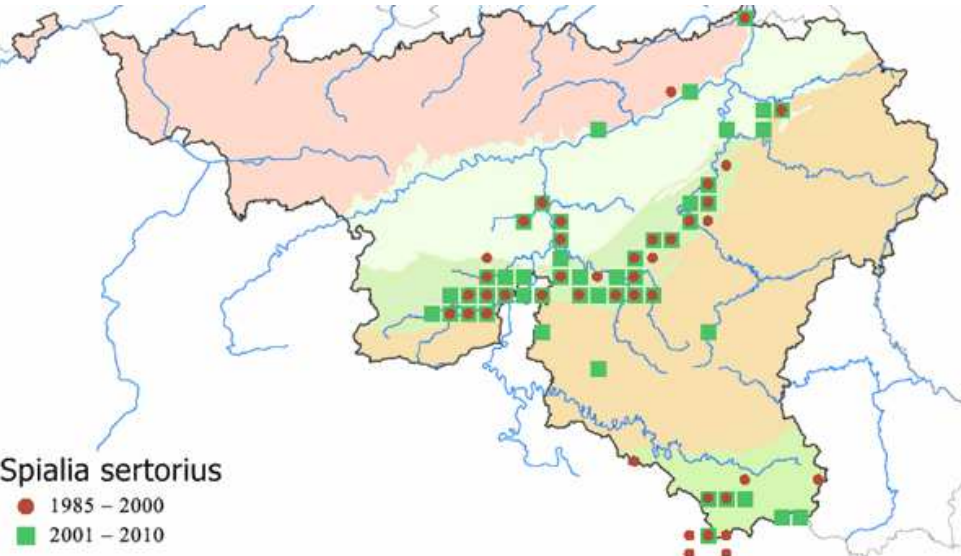
*Satyrium w-album*

● 1985 - 2000  
■ 2001 - 2010



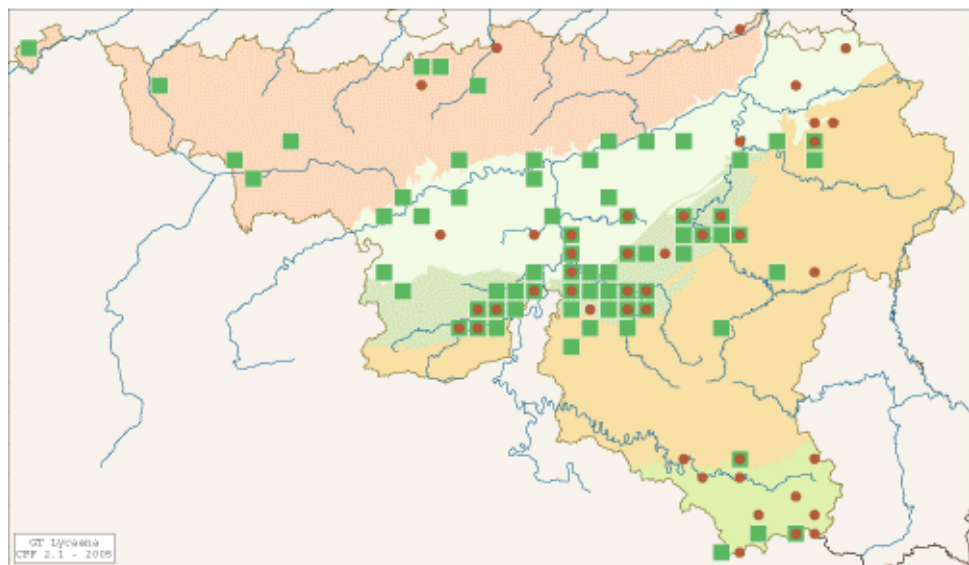
*Spialia sertorius*

● 1985 - 2000 : 34 carrés  
■ 2001 - 2007 : 35 carrés



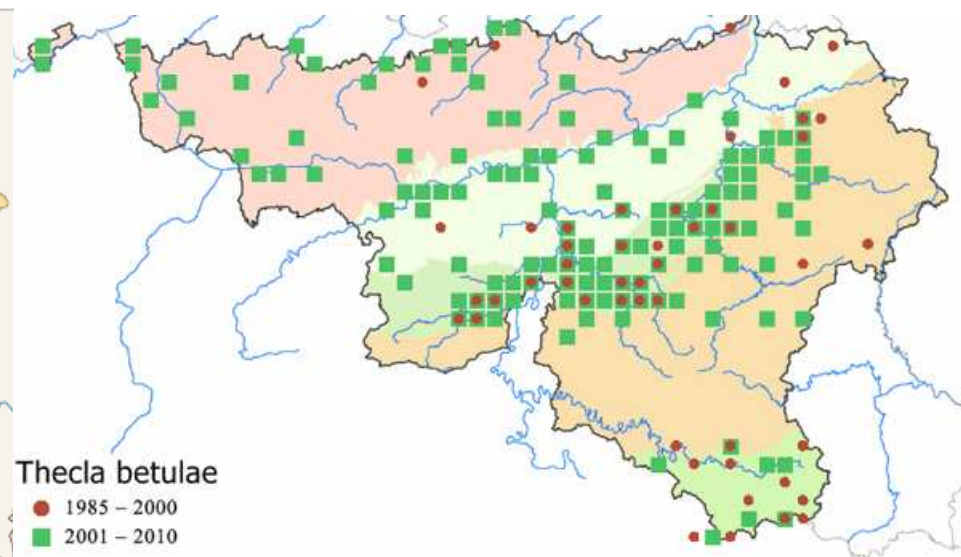
*Spialia sertorius*

● 1985 - 2000  
■ 2001 - 2010



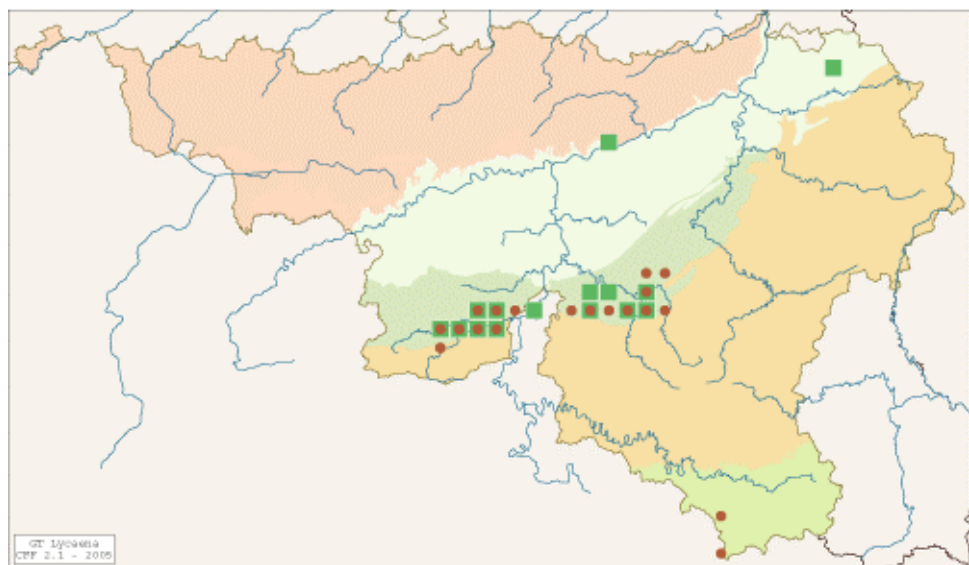
*Thecla betulae*

● 1985 - 2000 : 44 carrés  
■ 2001 - 2007 : 70 carrés



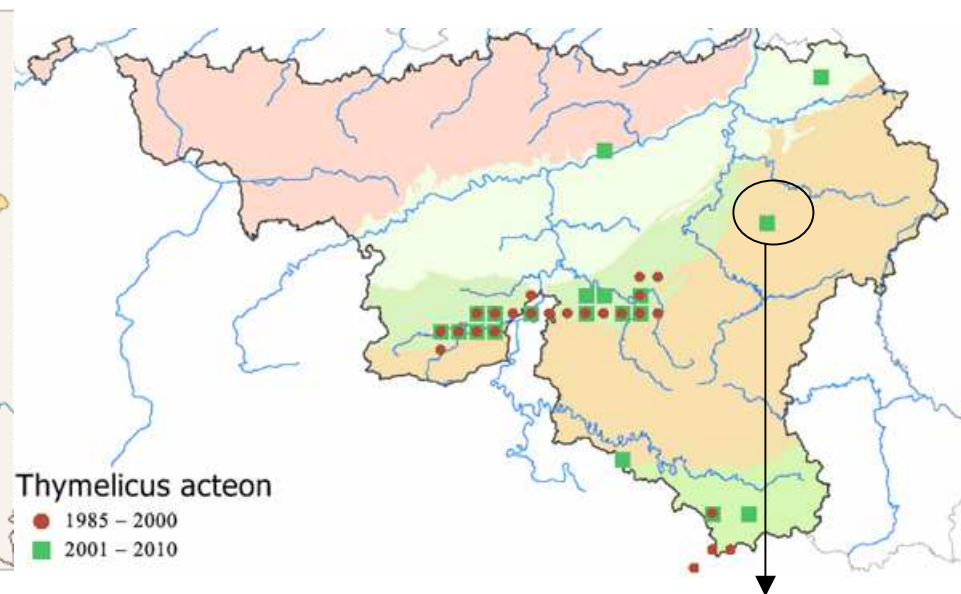
*Thecla betulae*

● 1985 - 2000  
■ 2001 - 2010



*Thymelicus acteon*

● 1985 - 2000 : 19 carrés  
■ 2001 - 2007 : 15 carrés

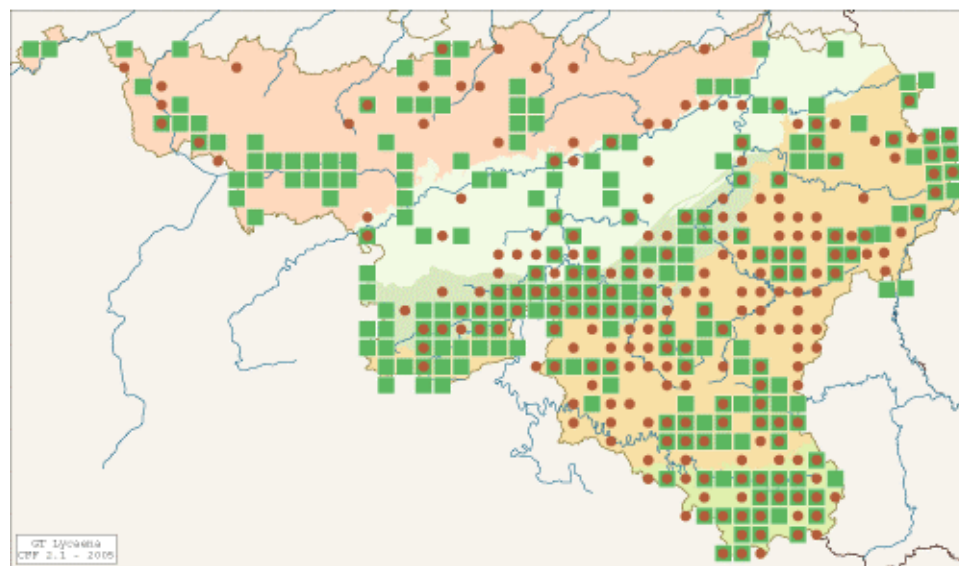


*Thymelicus acteon*

● 1985 - 2000  
■ 2001 - 2010

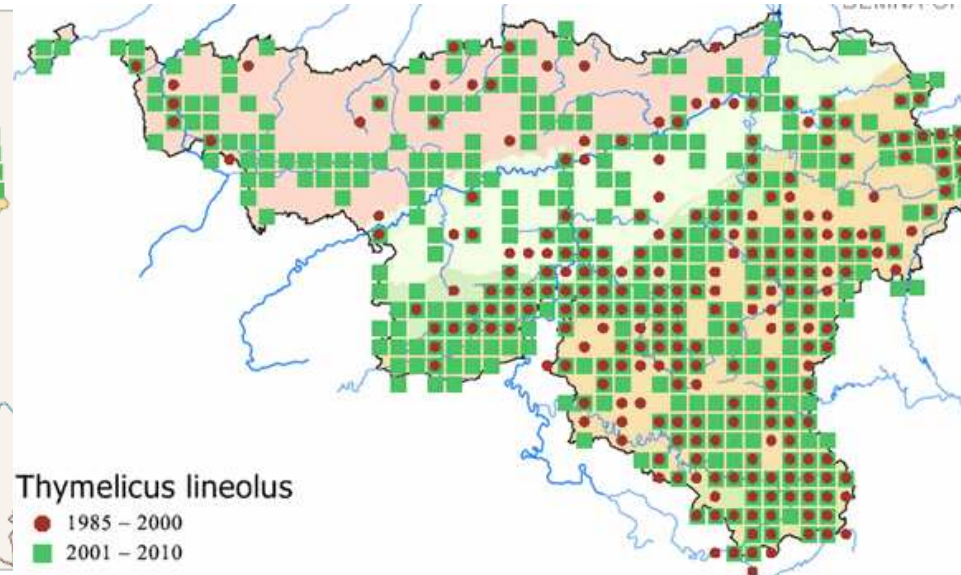
incertain





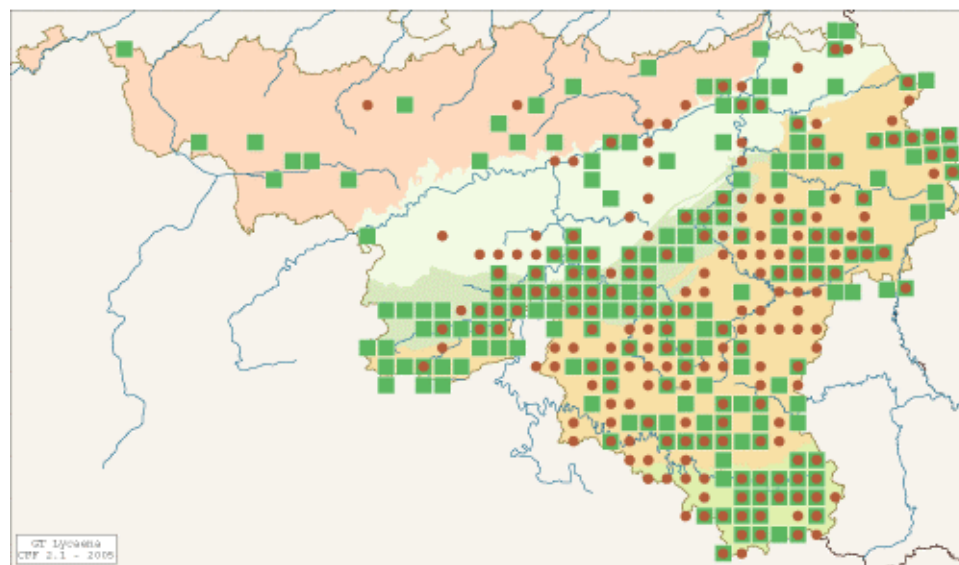
*Thymelicus lineolus*

● 1985 - 2000 : 248 carrés  
■ 2001 - 2007 : 238 carrés



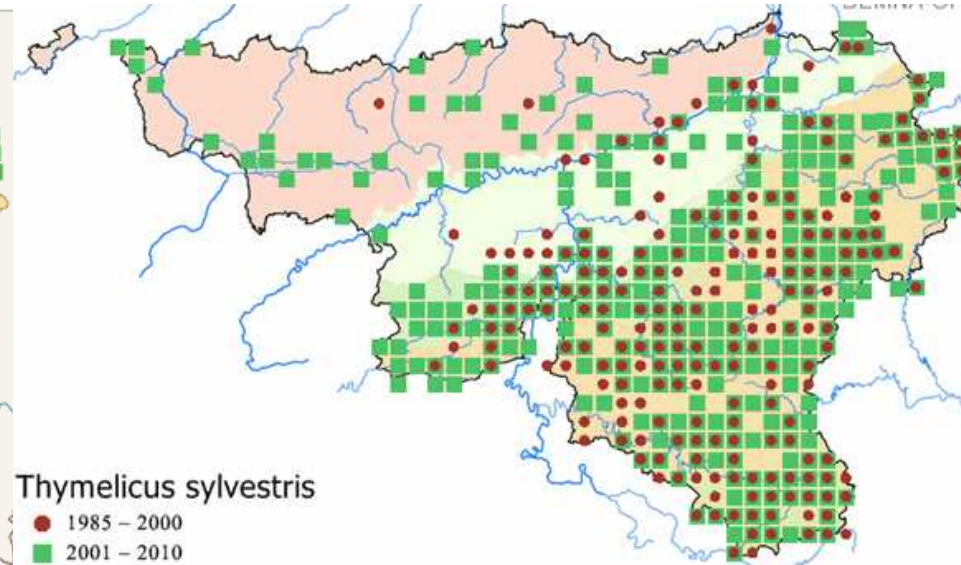
*Thymelicus lineolus*

● 1985 - 2000  
■ 2001 - 2010



*Thymelicus sylvestris*

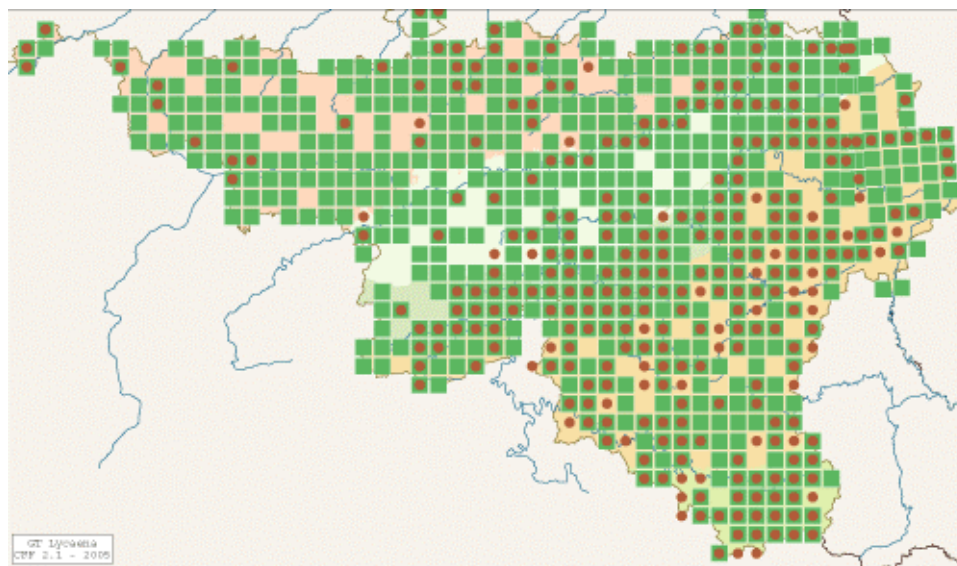
● 1985 - 2000 : 219 carrés  
■ 2001 - 2007 : 211 carrés



*Thymelicus sylvestris*

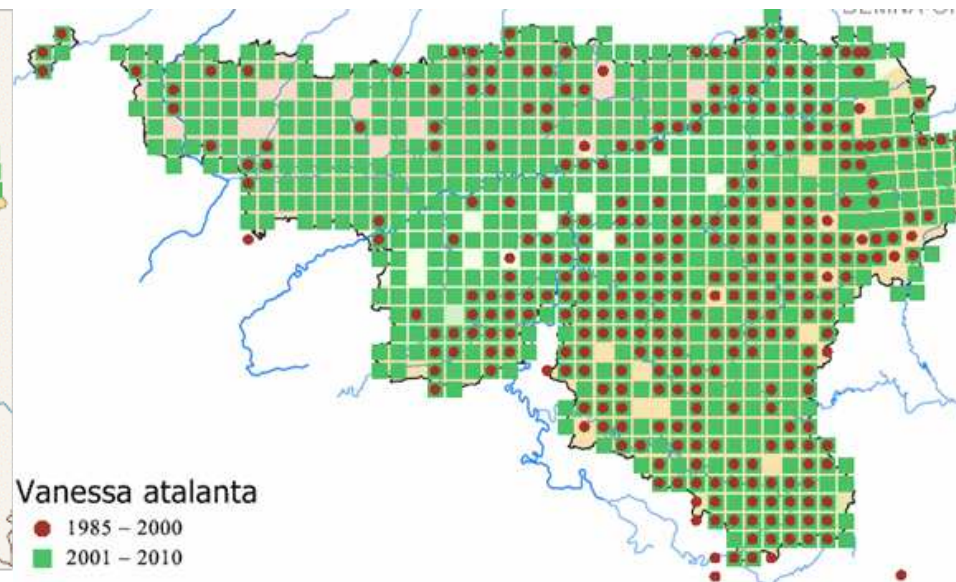
● 1985 - 2000  
■ 2001 - 2010





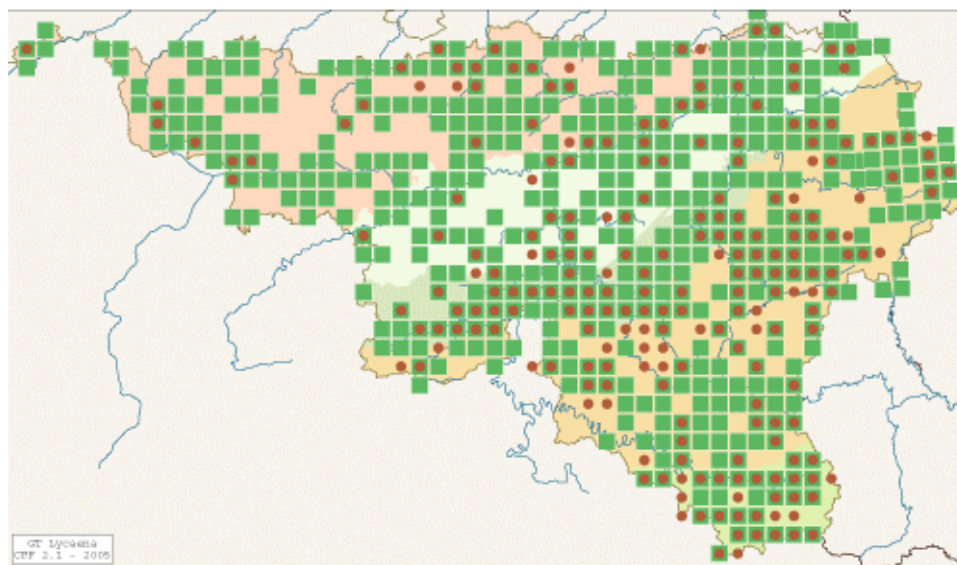
*Vanessa atalanta*

● 1985 - 2000 : 320 carrés  
■ 2001 - 2007 : 592 carrés



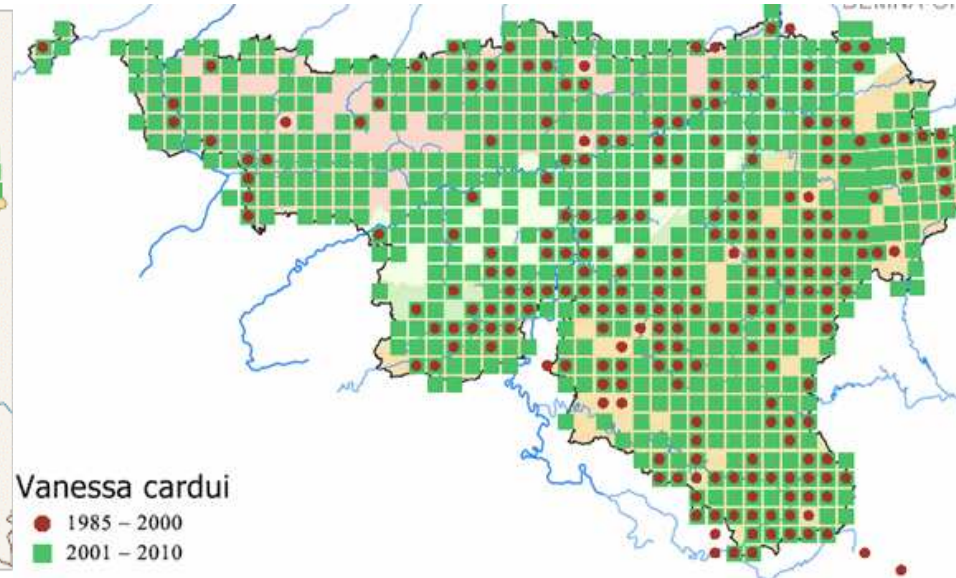
*Vanessa atalanta*

● 1985 - 2000  
■ 2001 - 2010



*Vanessa cardui*

● 1985 - 2000 : 228 carrés  
■ 2001 - 2007 : 487 carrés



*Vanessa cardui*

● 1985 - 2000  
■ 2001 - 2010