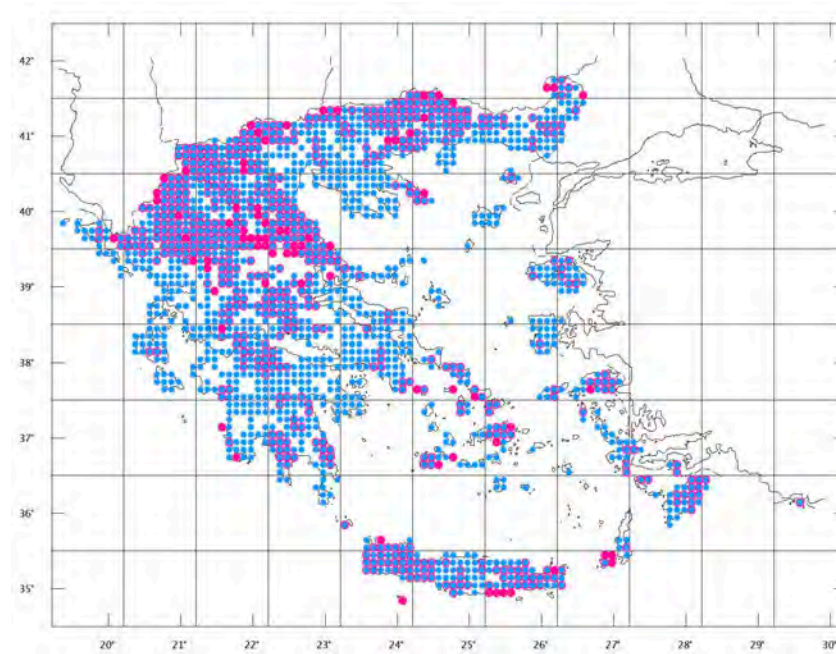


# ΟΙ ΠΕΤΑΛΟΥΔΕΣ ΤΗΣ ΕΛΛΑΔΑΣ

Μία επικαιροποίηση των Χαρτών, Διαγραμμάτων και Πινάκων 3.3,  
του Χάρτη 3.4, του Χάρτη 4.15 και του Χάρτη 4.16  
του Λάζαρου Ν. Παμπέρη



WGS84

# THE BUTTERFLIES OF GREECE

An update of distribution Maps, Plates and Diagrams 3.3,  
in Map 3.4, in Chart 4.15 and in Chart 4.16  
by Lazaros N. Pamperis

2022

# ΠΡΟΛΟΓΟΣ

Στις επόμενες σελίδες παρουσιάζονται επικαιροποιημένοι 236 χάρτες εξάπλωσης των ειδών δηλαδή οι Χάρτες, Διαγράμματα και Πίνακες 3.3, ο Χάρτης 3.4 (στην σελίδα 40 της δεύτερης έκδοσης του βιβλίου ΟΙ ΠΕΤΑΛΟΥΔΕΣ ΤΗΣ ΕΛΛΑΔΑΣ, 2009), ο Χάρτης 4.15 (στην σελίδα 736) και ο Χάρτης 4.16 (στην σελίδα 738).

Η επικαιροποίηση αυτή αφορά συνολικά 437283 καταγραφές για τις πεταλούδες της Ελλάδας (που συγκεντρώθηκαν μέχρι 31 XII 2021) και συνολικά 1672 τοποθεσίες 6'X6', που έχουν εξερευνηθεί, από τις συνολικά 2059 τοποθεσίες 6'X6' για όλη την επικράτεια, δηλαδή καλύπτοντας το 81.20 % της επικράτειας (αντίστοιχα 265134 καταγραφές, 1260 τοποθεσίες 6'X6' και το 61.19%, το 2008).

Αυτή η αύξηση των καταγραφών οφείλεται στις προσωπικές εξερευνήσεις (από το 2008-2022) αλλά κυρίως στις δημοσιευμένες εργασίες σε εντομολογικά περιοδικά και στην αποστολή (μετά την δεύτερη έκδοση του βιβλίου) σχολίων και καταγραφών για τις πεταλούδες της Ελλάδας από πολλούς, από την Ελλάδα και το εξωτερικό, των οποίων τα ονόματα αναφέρονται παρακάτω. Σε όσους προσέφεραν τα σχόλια και όσους εμπιστεύθηκαν τις καταγραφές των, αφιερώνεται το παρόν μαζί με την ευγνωμοσύνη μου.

Επισημαίνεται η ανάρτηση πολλών φωτογραφιών και καταγραφών σε ιστοτόπους (μερικές διευθύνσεις των οποίων αναφέρονται παρακάτω) και ιδιαίτερα στην ομάδα του Facebook για τις πεταλούδες της Ελλάδας και της Κύπρου (Butterflies & Moths of Greece & Cyprus με 3887 μέλη την 7 XII 2021) στο <http://www.facebook.com/groups/420659294633829/> .

Τώρα στην Ελλάδα υπάρχουν 236 είδη πεταλούδων σύμφωνα με το Wiemers et al (2018) στο <https://doi.org/10.3897/zookeys.811.28712>

Σε ωρισμένες από τις σελίδες που ακολουθούν παρουσιάζονται, κατά περίπτωση εάν απαιτείται, και πρόσθετα διευκρινιστικά σχόλια και σύνδεσμοι (Links) για ιστοσελίδες με φωτογραφίες και λεπτομέρειες των φτερών, που προτείνονται ως χρήσιμες για αναγνώριση των ειδών με τις φωτογραφίες.

Για επιπλέον 165 νέες φωτογραφίες και περισσότερες λεπτομέρειες στο URL: <https://www.pamperis.gr> και στις 6 ελεύθερες εφαρμογές στο [https://www.pamperis.gr/btf\\_site/](https://www.pamperis.gr/btf_site/) και στο <https://www.pamperis.gr/recognition/index.html> για την αυτόματη αναγνώριση των πεταλούδων.

Λάρισα 1 Ιανουαρίου 2022

Λάζαρος Ν. Παμπέρης

## PREFACE

An update of distribution Maps, Plates and Diagrams 3.3, in Map 3.4 are presented (in page 40 of the second edition of the book THE BUTTERFLIES OF GREECE, 2009), in Chart 4.15 (in page 736) and in Chart 4.16 (in page 738).

This update is made after in total 437283 records for the butterflies of Greece (till 31 XII 2021) for a total number of 1672 investigated localities 6'X6; this is the 81.20 % of territory of Greece, a part of all 2059 localities 6'X6' all over Greece (compare to 265134 records, 1260 localities 6'X6' and 61.19% in 2008).

This increase in records is made after personal investigations (from 2008-2022) and mainly after the many published papers in entomological magazines and the generous offer from many recorders (listed below) from Greece and abroad, who send comments and records for the butterflies of Greece. This update is dedicated to all those who offer their comments and send and trust to me their records; to all I express my gratitude.

A list with a number of sites (from which records for the butterflies of Greece were obtained) is presented; the existence of a group for the butterflies of Greece and Cyprus is also noted (with 3887 members at 9 XII 2021) in <http://www.facebook.com/groups/420659294633829/>

Now in Greece there are 236 species; see Wiemers et al. (2018) <https://doi.org/10.3897/zookeys.811.28712>

Additional comments are noted in some of the pages; also there are Links to web pages with photos and details of the wings, suggested for a correct identification from photos.

For 165 new photographs, 6 free applications and more details see in URL: <https://www.pamperis.gr>

and in [https://www.pamperis.gr/btf\\_site/](https://www.pamperis.gr/btf_site/) and in <https://www.pamperis.gr/recognition/index.html> for automatic recognition of butterflies.

Larissa 1 January 2022

Lazaros N. Pamperis

**SELECTED SITES FROM WHICH DATA FOR THE BUTTERFLIES OF GREECE WERE OBTAINED**  
**ΕΠΙΛΕΓΜΕΝΟΙ ΙΣΤΟΤΟΠΟΙ ΑΠΟ ΤΟΥΣ ΟΠΟΙΟΥΣ ΑΝΤΛΗΘΗΚΑΝ ΚΑΤΑΓΡΑΦΕΣ ΓΙΑ ΤΙΣ**  
**ΠΕΤΑΛΟΥΔΕΣ ΤΗΣ ΕΛΛΑΔΑΣ**

**FLICKR** <http://www.flickr.com>

**Butterflies & Moths of Palaearctic Regions** <http://www.euroleps.ch>

**EUROPEAN INTERESTS GROUP** <https://butterfly-conservation.org/in-your-area/european-interests-group>

**FACEBOOK Butterflies & Moths of Greece & Cyprus** <http://www.facebook.com/groups/420659294633829/>

**GREENWINGS** <http://greenwings.co/>

**HOME OF EUROBUTTERFLIES** <http://www.eurobutterflies.com>

**HONEYGUIDE TOURS** <http://www.honeyguide.co.uk/>

**iNaturalist** <https://www.inaturalist.org>

**LEPIFORUM** <http://www.lepiforum.de/>

**NATURALIST** <http://www.naturalist.co.uk>

**NATURE LINK** [www.geocities.com/pelionnature/](http://www.geocities.com/pelionnature/)

**NATURETREK** <https://www.naturetrek.co.uk/>

**OBSERVATION** <https://observation.org/>

**PROJECT NOAH** <https://www.projectnoah.org/>

**pyrgus.de** [http://www.pyrgus.de/index\\_en.php](http://www.pyrgus.de/index_en.php)

**SPARTIA WILDLIFE** <http://www.spatiawildlife.com/>

**ΔΙΚΤΥΟ ΕΡΕΥΝΗΤΩΝ ΠΕΡΙΒΑΛΛΟΝΤΟΣ** <http://62.38.203.210/natura/>

**ΘΡΑΚΙΚΟΣ ΗΛΕΚΤΡΟΝΙΚΟΣ ΘΗΣΑΥΡΟΣ** <http://www.xanthi.ilsp.gr/>

**ΜΟΥΣΕΙΟ ΓΟΥΛΑΝΔΡΗ ΦΥΣΙΚΗΣ ΙΣΤΟΡΙΑΣ** <http://www.gnhm.gr/>

**και and**

**ΠΡΟΣΩΠΙΚΕΣ ΕΠΙΚΟΙΝΩΝΕΙΕΣ PERSONAL COMMUNICATIONS**



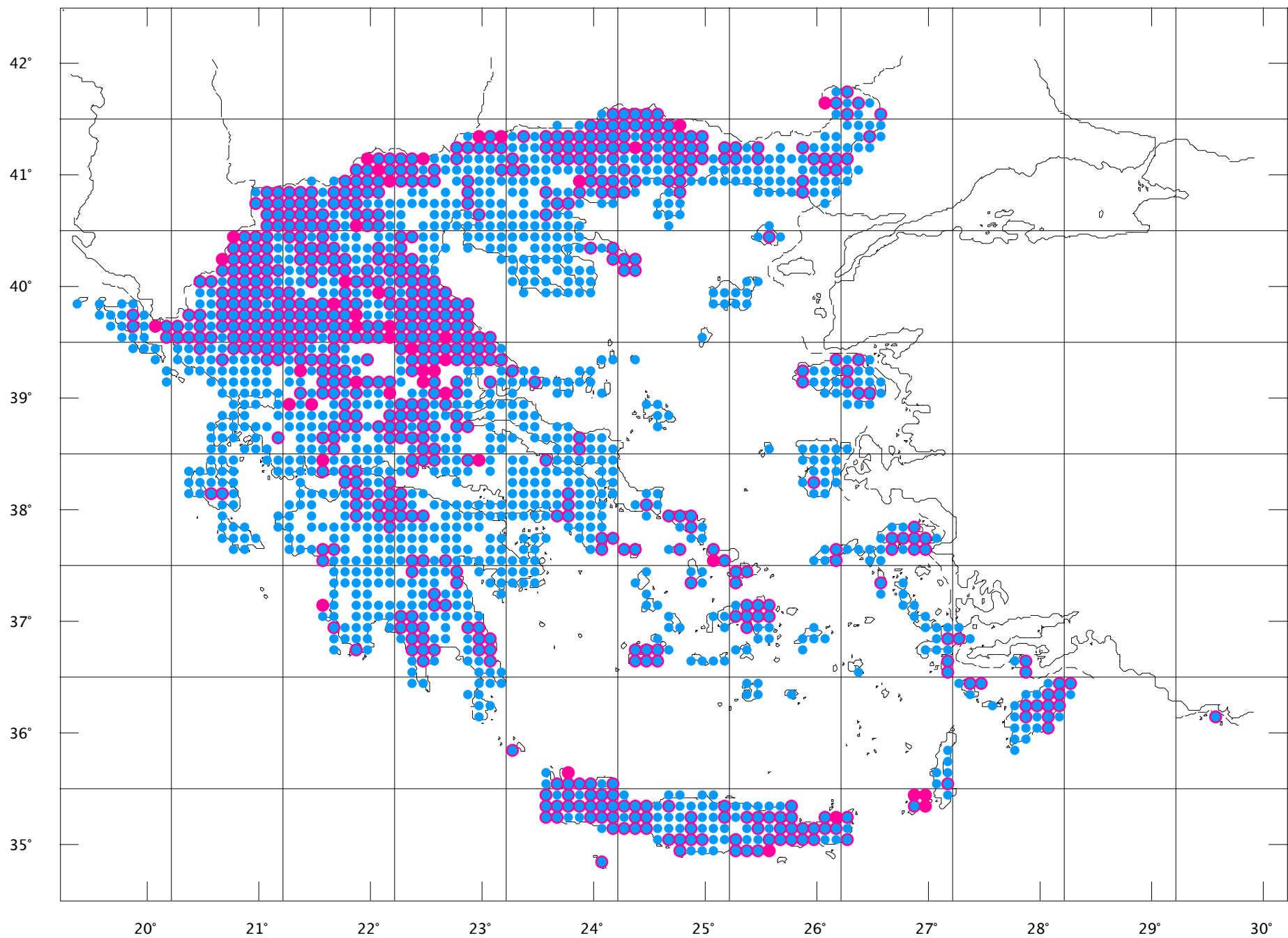
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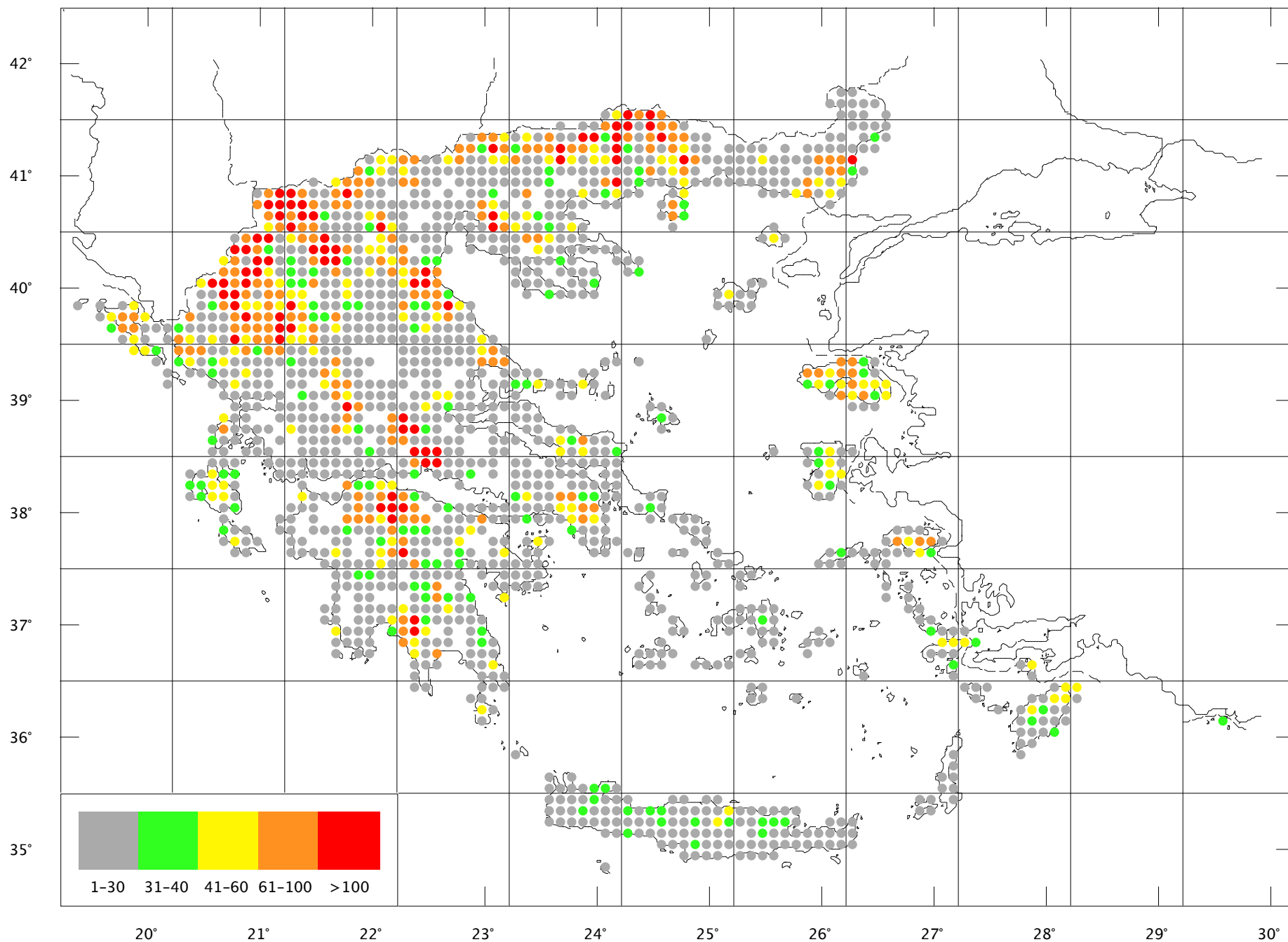
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FOX RITCHARD  
FULLER MICHAEL  
GATTI FRANCESCO  
GIBSON CHRIS  
GODDARD DAVID  
GOETHALS VALERIE  
GREATOREX-DAVIES NICK  
GUILFOYLE A.  
HAATELA TARI  
HABELER HEINZ  
HALL D  
HAPKA TAMAS  
HEAP JOHN  
HULL MIKE  
HUNT PETER  
JORDAN JAN  
JUTZELER DAVID  
KAPPES EVA  
KAPPES WULF  
KOLEV ZDRAVKO  
LAFRANCHIS TRISTAN  
M.LGAARD MORTEN S  
MAIER MARIO  
MAJER JINDRICH  
MANDZIEJEWICZ R.  
MANN JOHN  
MASON STEPHEN A  
MAUNDER MIKE  
MAZZEI PAOLO  
MEREDITH GUY  
MURPHEY CHRIS  
NABBE MARINA  
NORBERT ULMAN  
OISTEIN BERG  
PALMI PAOLO  
PEACE NIGEL  
PERKINS ROGER  
PETTERSSON LARS  
PLOWMAN FRANCIS

PLOWMAN DAVE  
POOT ROB  
PRENTICE MIKE  
PRINGLE GORDON  
RAMEL GORDON  
RAVIGLIONE MARIO  
REYNOLDS W.J  
RODGERS PETER  
ROWLINGS MATTHEW  
RUSSELL PETER  
RUTHERFORD JAN  
SALMON JOHN  
SAVAGE LYNDON  
SCARLAU ASTRID  
SCHAIDER PAUL  
SELBY PAUL  
SIOUX LEFTY  
SMETHURST MIKE  
SPENCER SIMON  
SPEYBROEK JEROEN  
SPILLER JOY  
SPRUYTTE STEF  
STANDRING KEVIN  
STANLEY G. A.  
STEUR JOEP  
STUBGAARD JORGEN  
SUTTON PETER  
SVELKUTIS MICK  
SZEKELY LEVENTE  
TAYLOR MIKE  
THOMPSON NEIL  
THOMSON G.  
THORSEN NIELS  
TOLMAN TOM  
TOWNSEND DENIS  
TSHIKOLOVETS VADIM  
ULMAN NORBERT  
van DOG JOHANNES  
van HANS OOSTERHOUT  
van SWAAY CHRIS  
VEROVNIK RUDI  
VLIEGENTHART ALBERT  
WAGENER SIGBERT P.  
WATTS BERNARD  
WICKMAN PER-OLOF  
WIRTH ALEXANDER  
WRIGHT DAVE  
WYNNE IAN R  
ZIEGLER HEINER



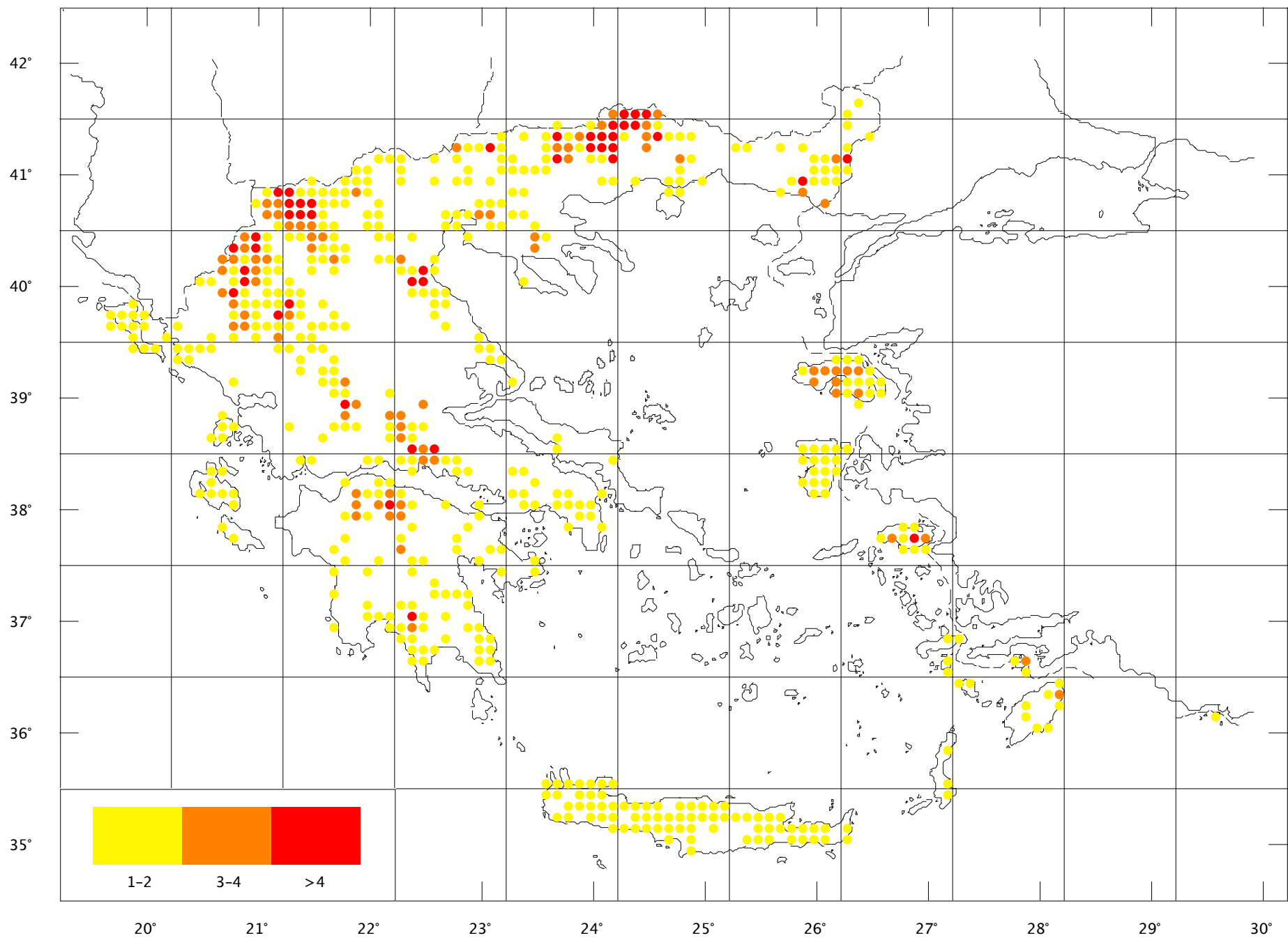
**Map 3.4**  
(update 2022)  
Investigated  
localities  
for all species

**Χάρτης 3.4**  
(επικαιροποίηση  
2022)  
Οι εξερευνηθείσες  
τοποθεσίες για  
όλα τα είδη



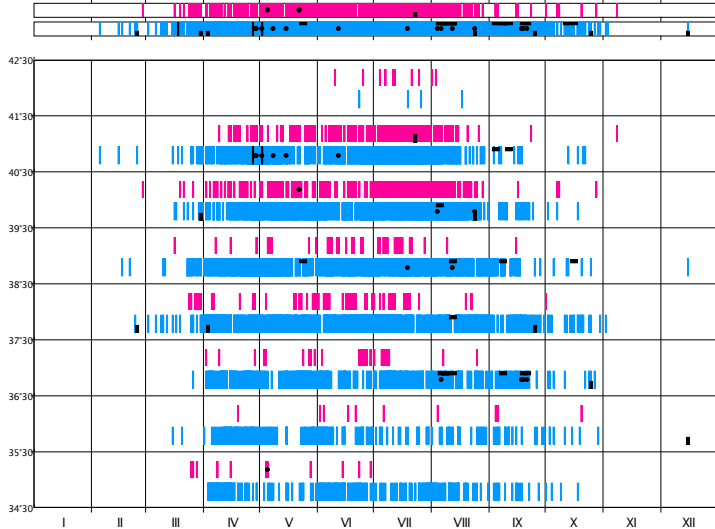
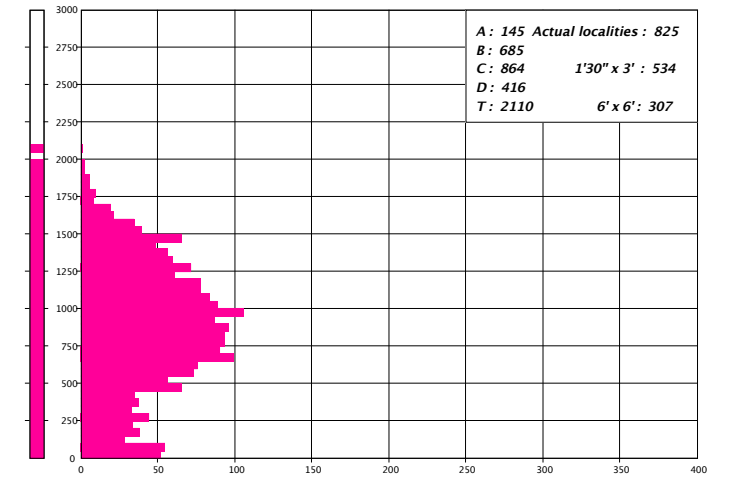
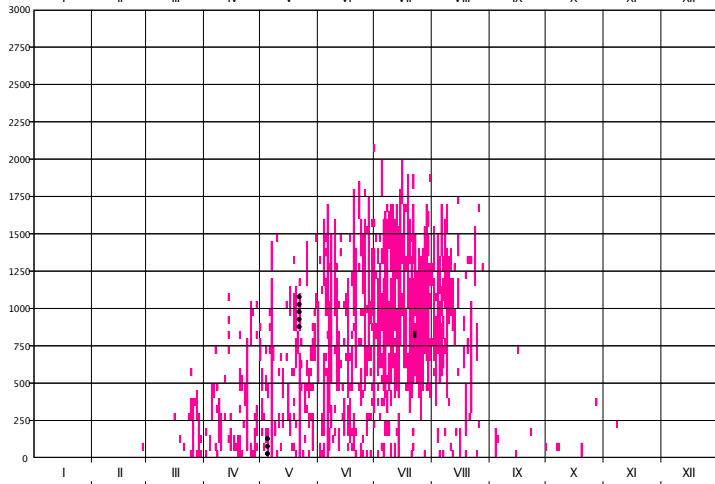
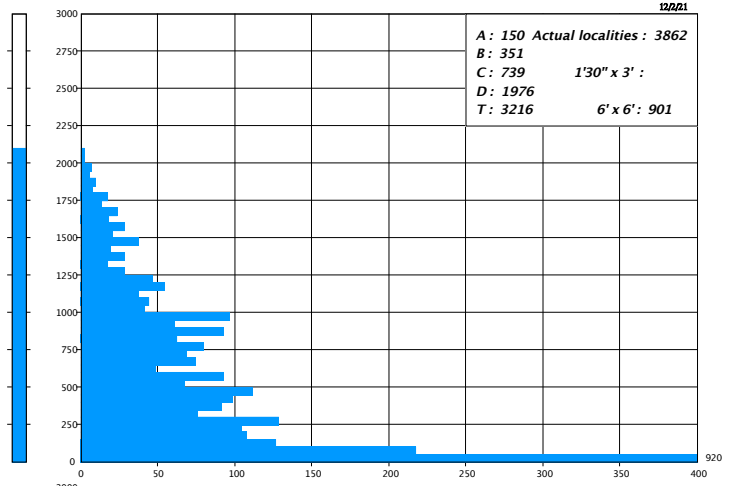
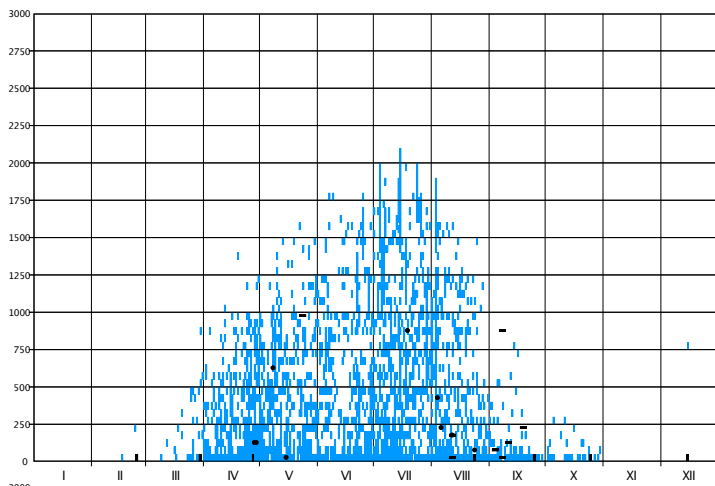
**Chart 4.15**  
(update 2022) Total number of species for all 1672 localities 6'x6'

**Χάρτης 4.15**  
(επικαιροποίηση 2022)  
Συνολικός αριθμός των ειδών για όλες τις 1672 τοποθεσίες 6'x6'

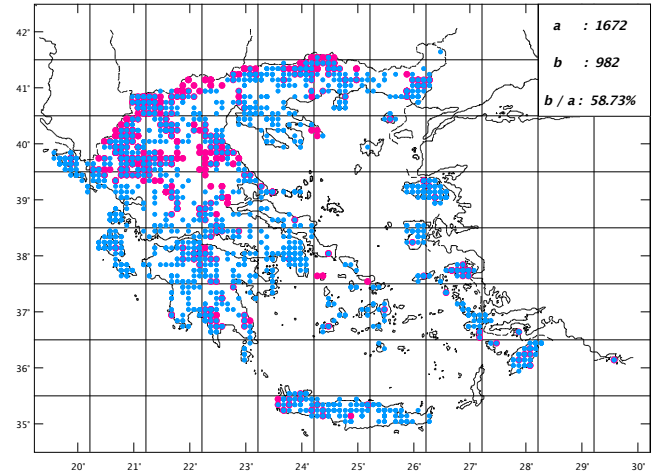


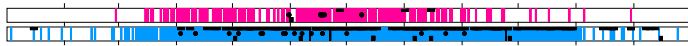
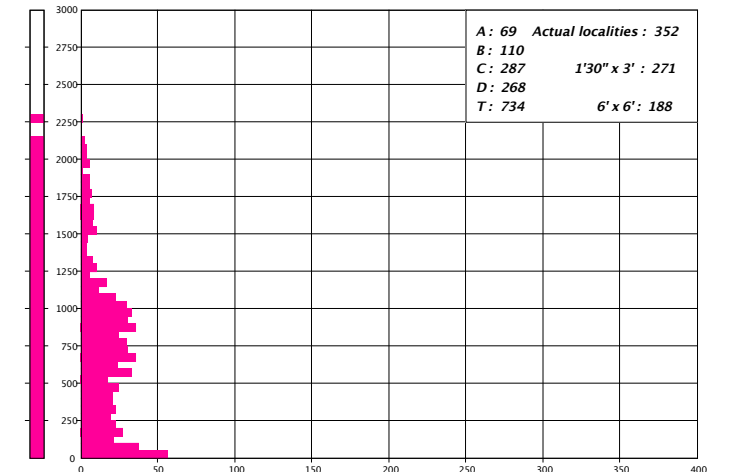
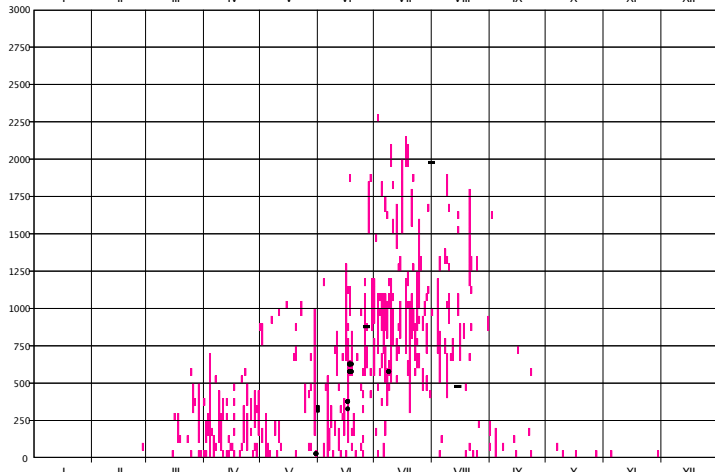
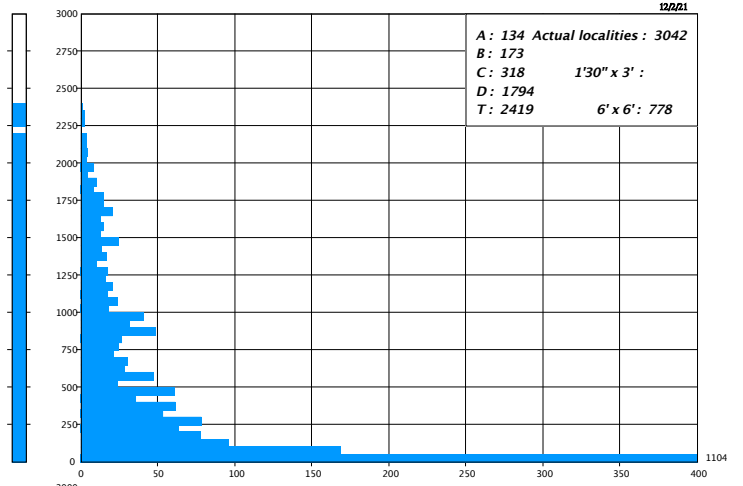
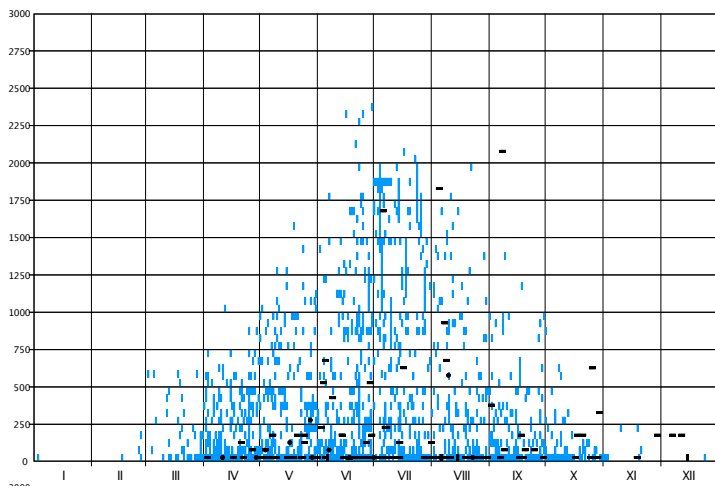
**Chart 4.16**  
 (update 2022)  
 Important butterfly  
 areas in Greece

**Χάρτης 4.16**  
 (επικαιροποίηση  
 2022) Σημαντικές  
 περιοχές για τις  
 πεταλούδες της  
 Ελλάδας

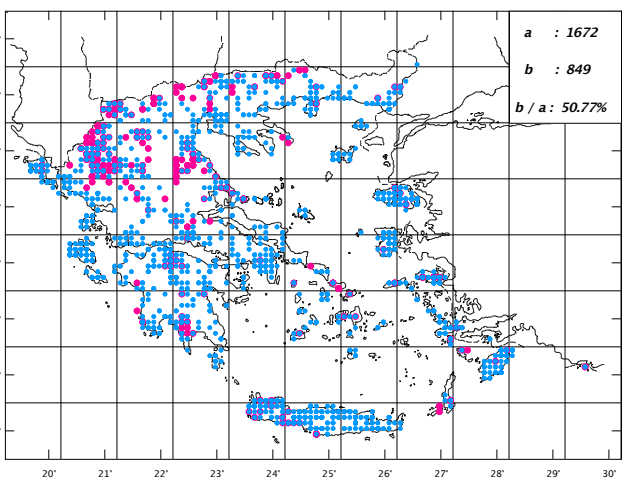
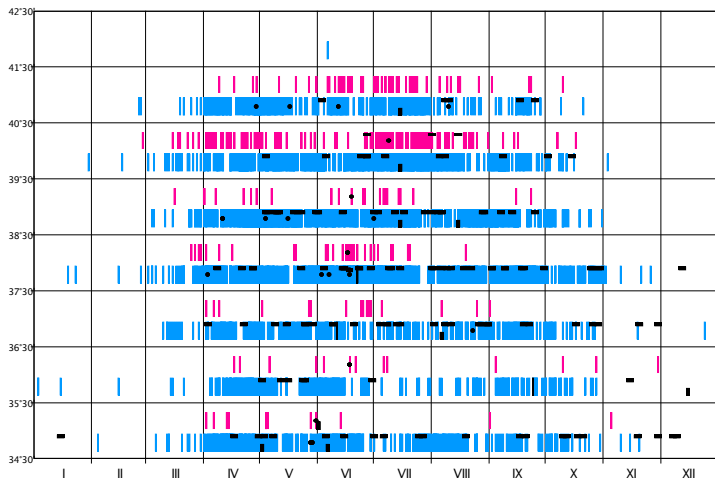


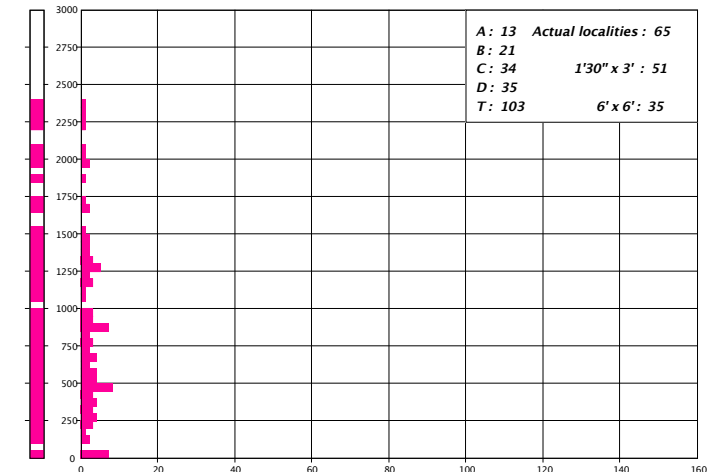
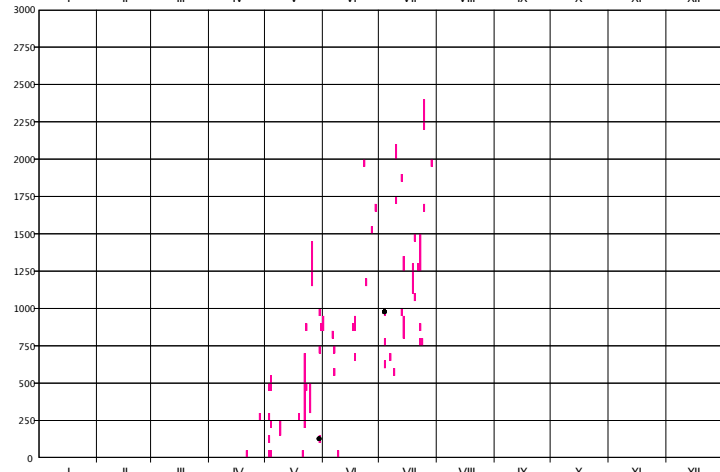
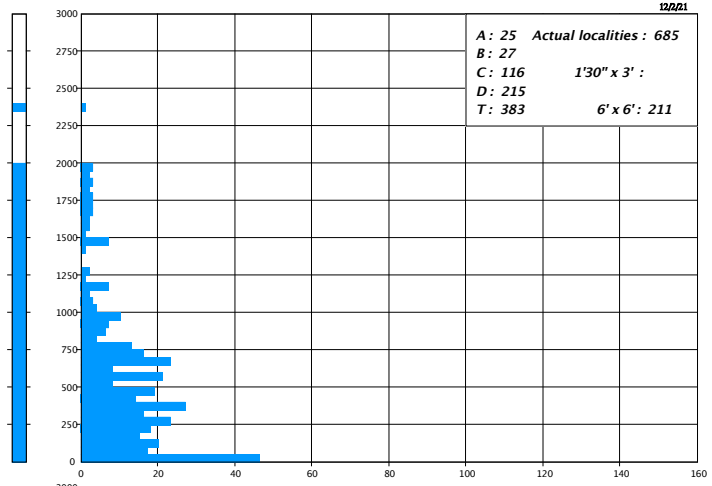
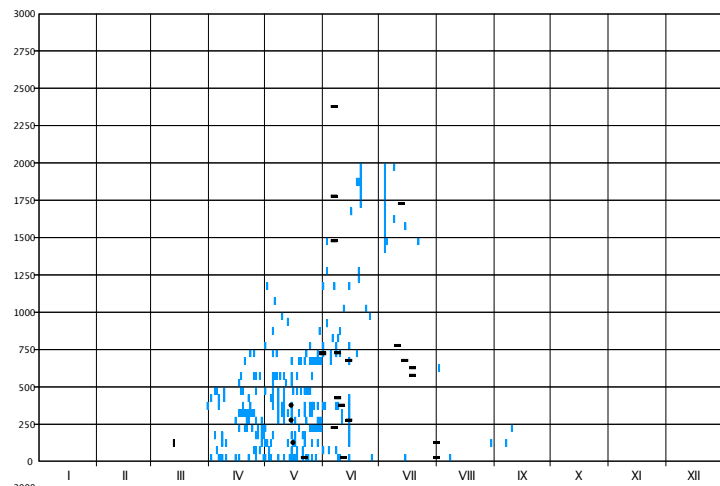
**PAPILIONIDAE *Iphiclides podalirius***



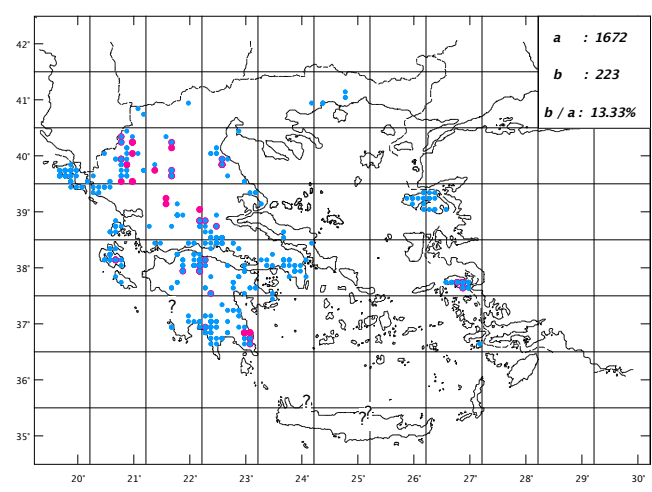
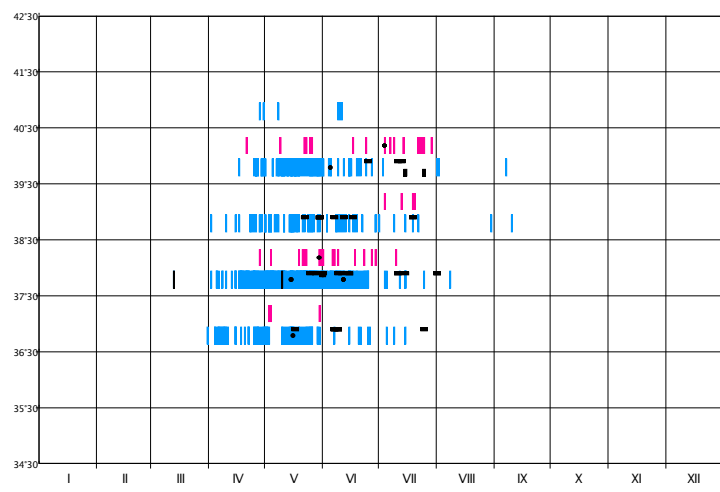


**PAPILIONIDAE *Papilio machaon***

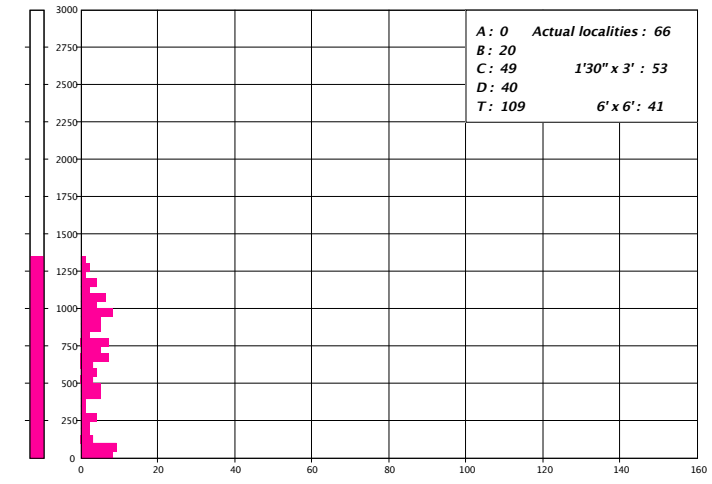
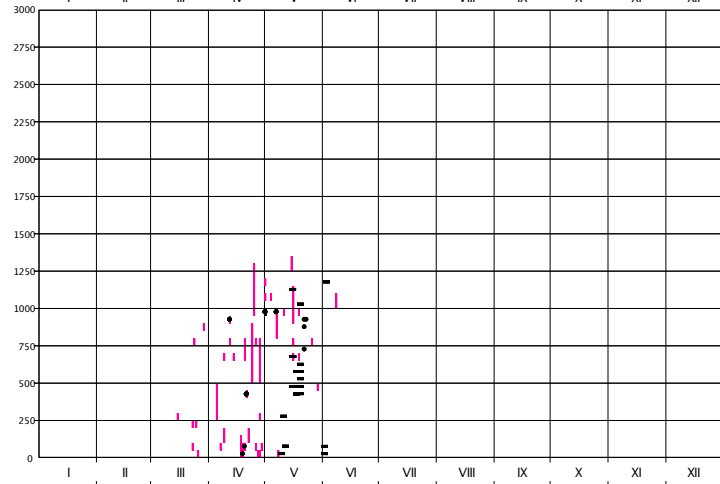
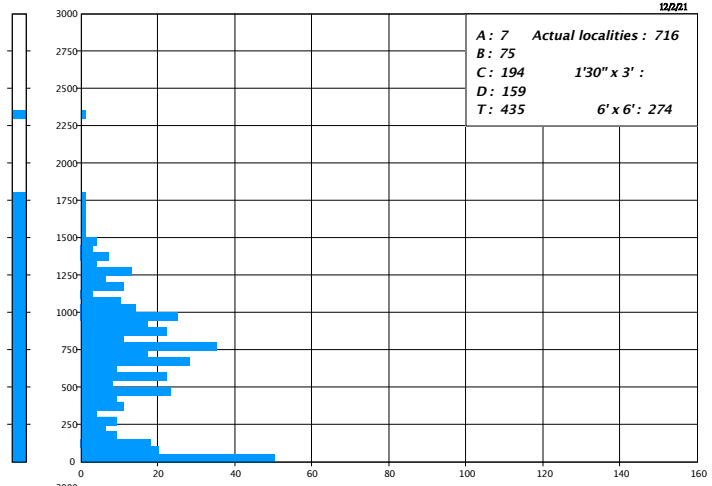
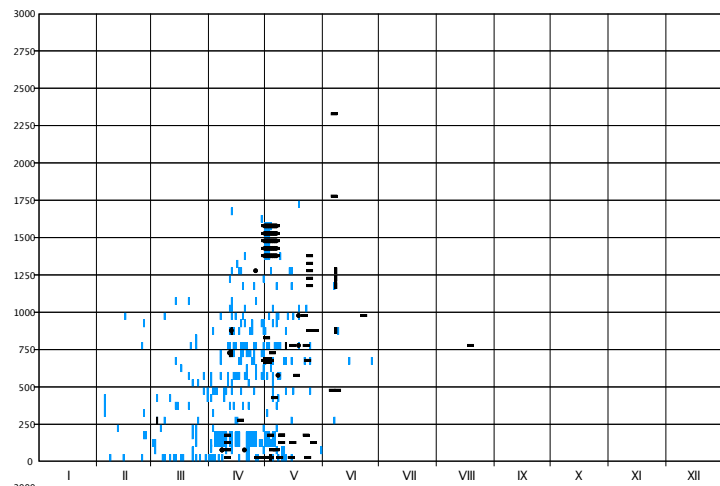




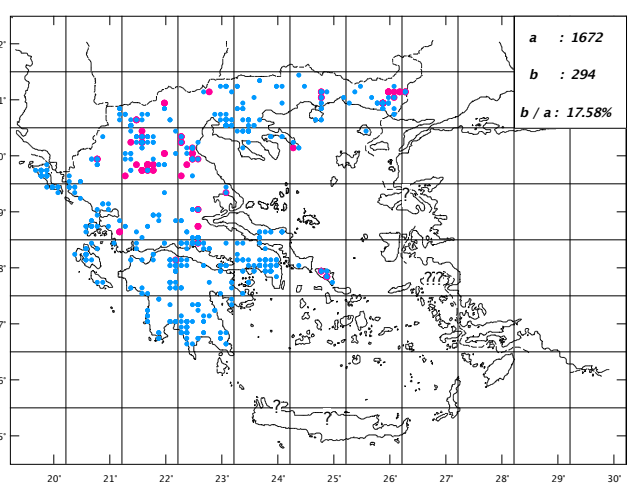
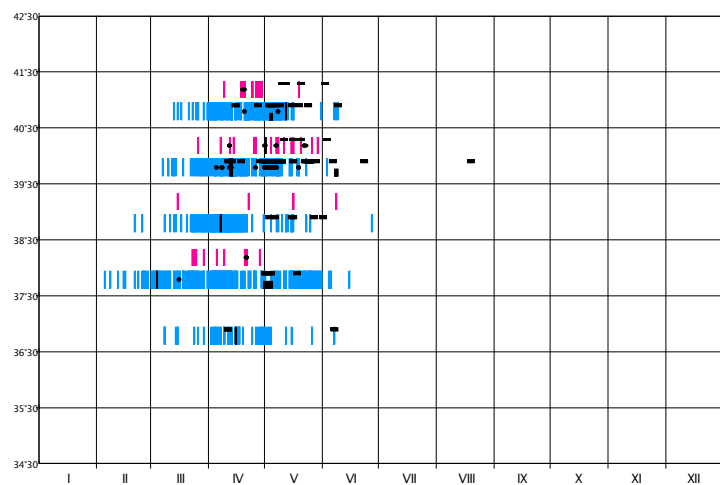
**PAPILIONIDAE *Papilio alexanor***

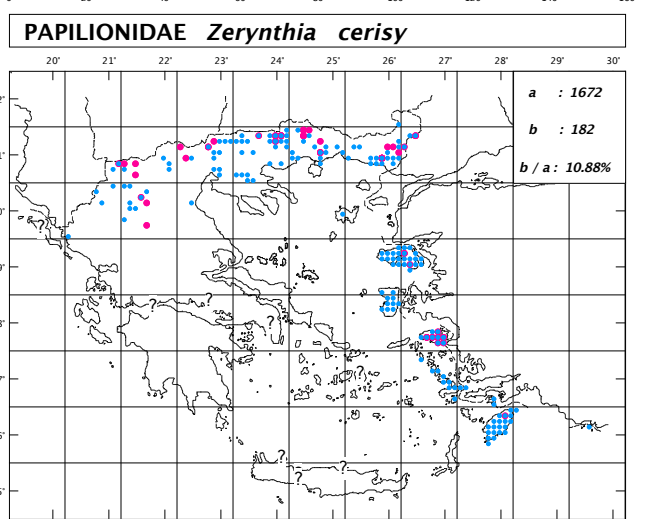
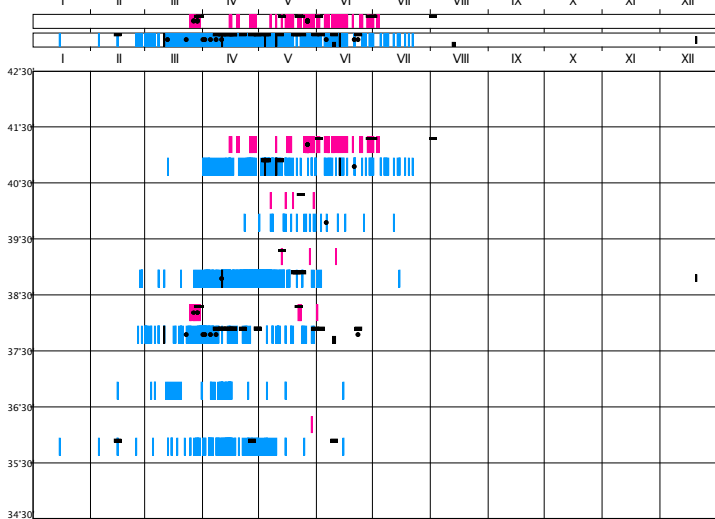
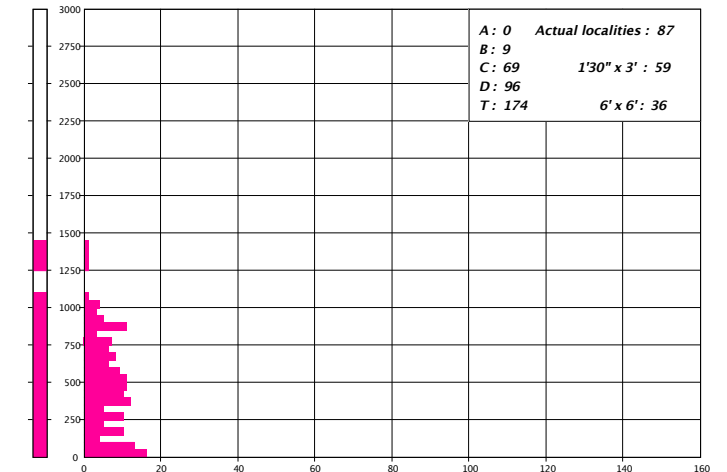
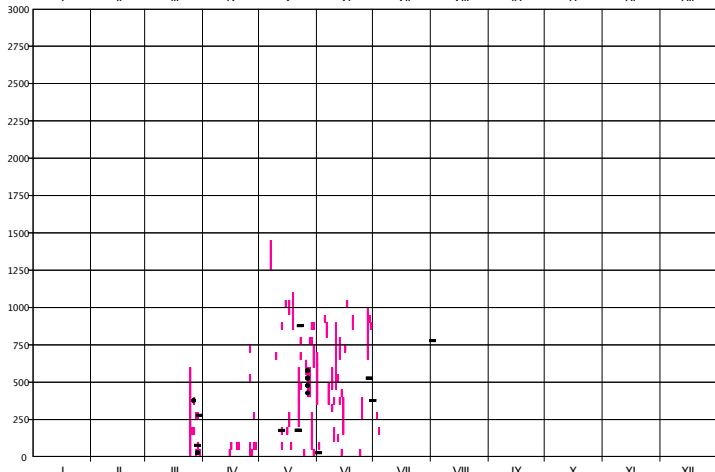
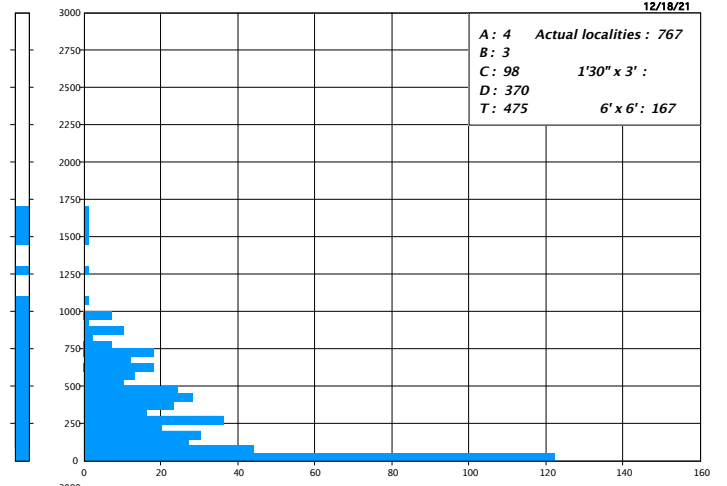
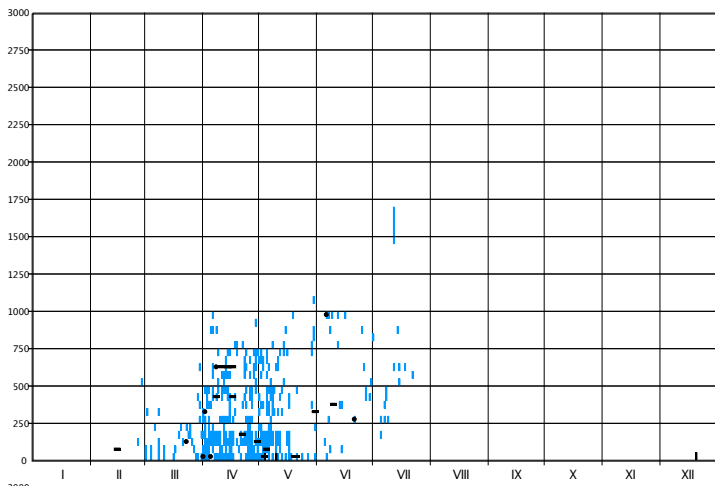


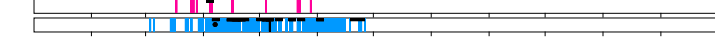
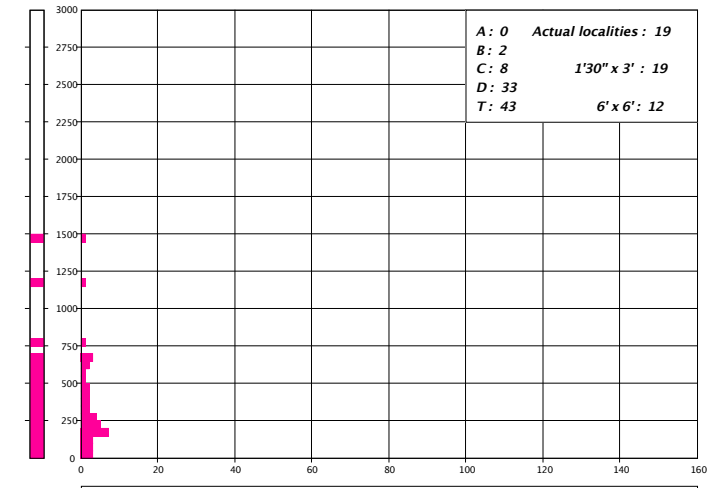
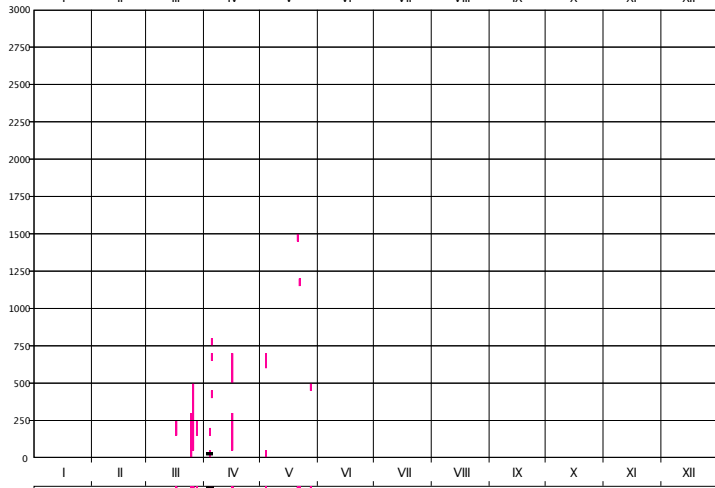
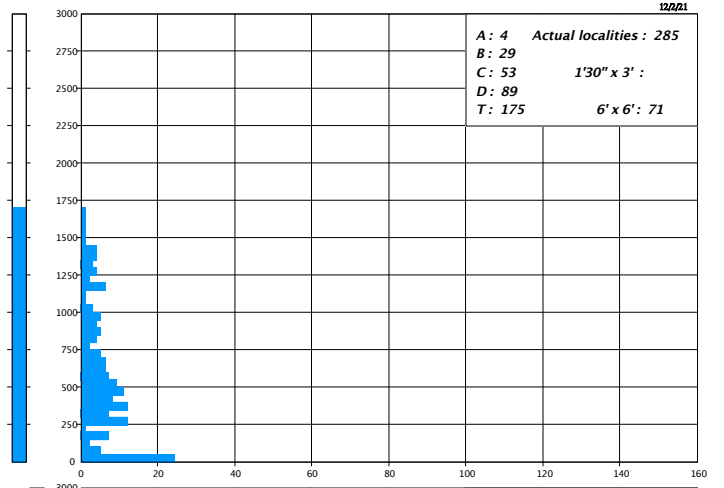
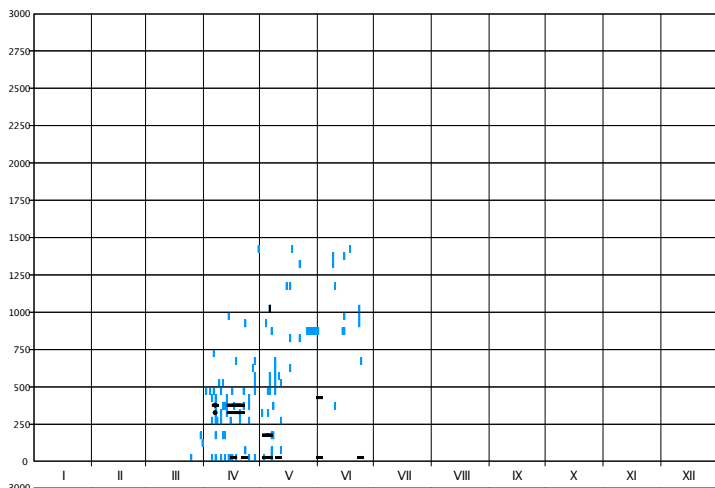




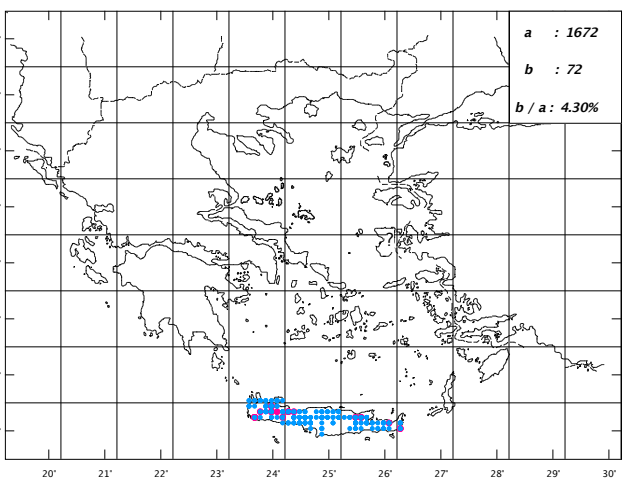
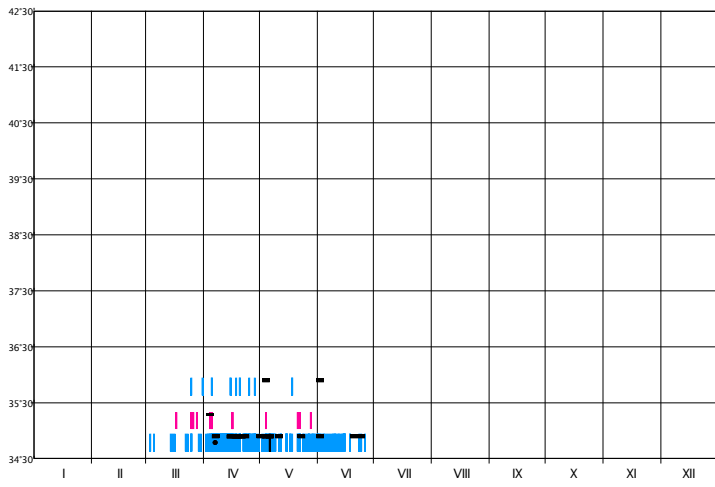
**PAPILIONIDAE *Zerynthia polyxena***



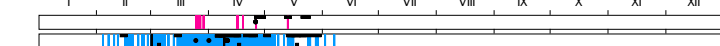
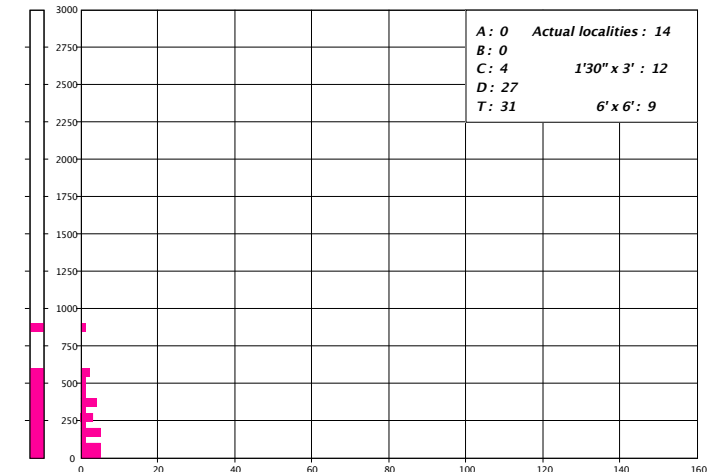
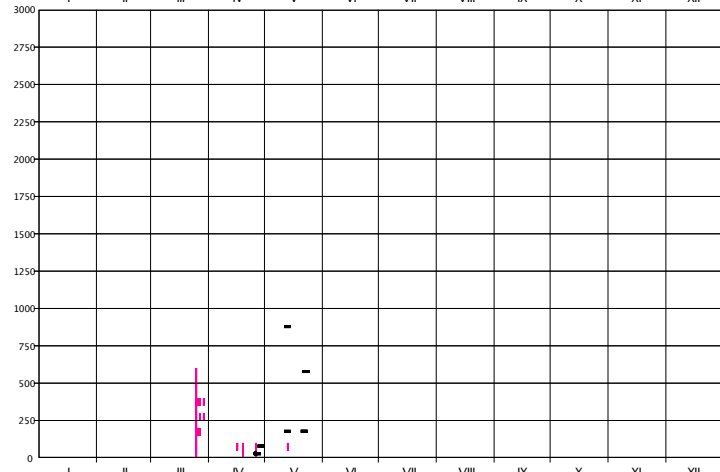
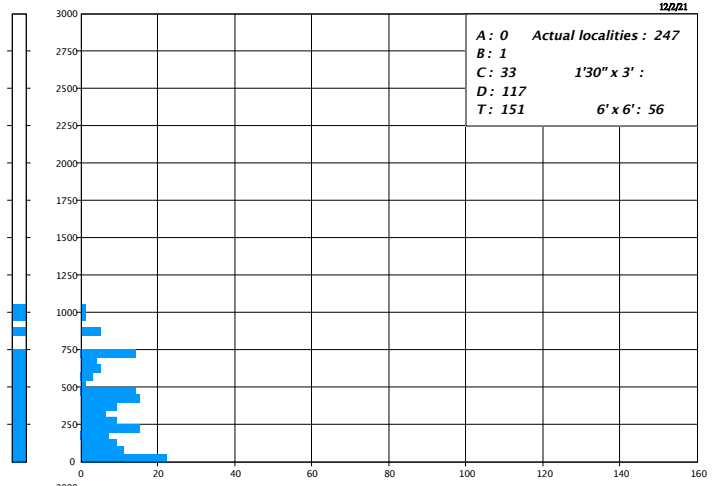
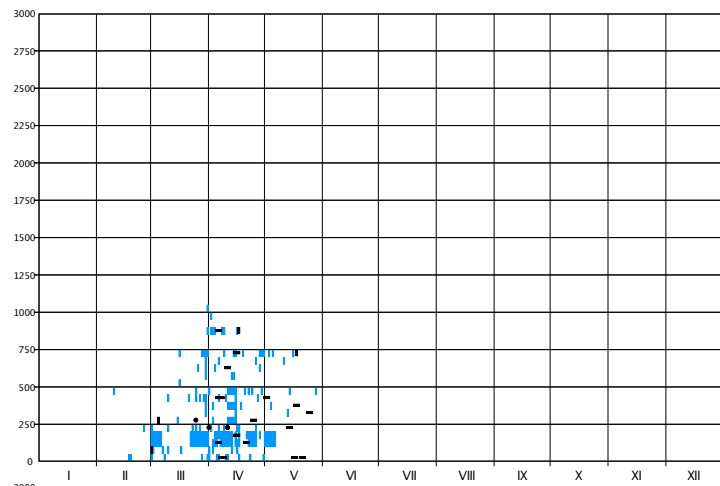




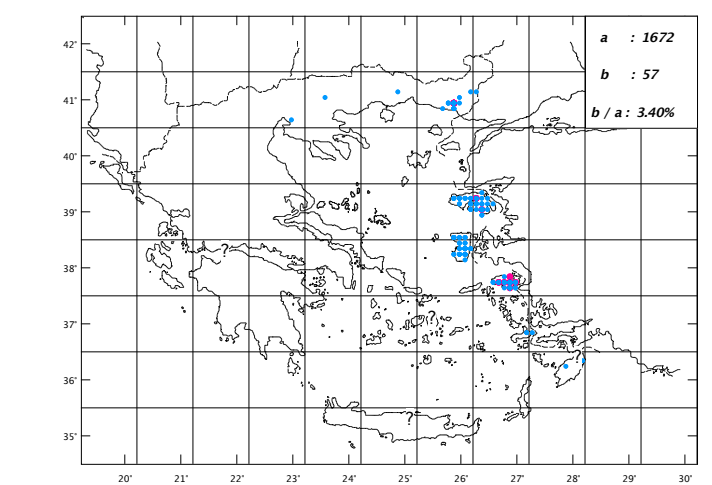
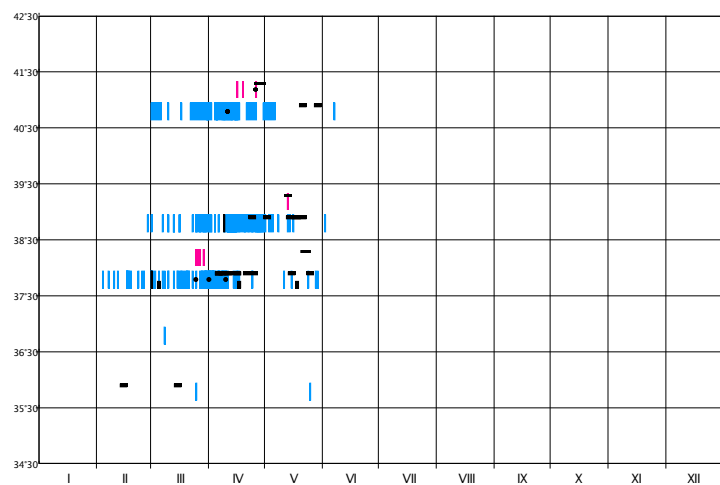
**PAPILIONIDAE *Zerynthia cretica***

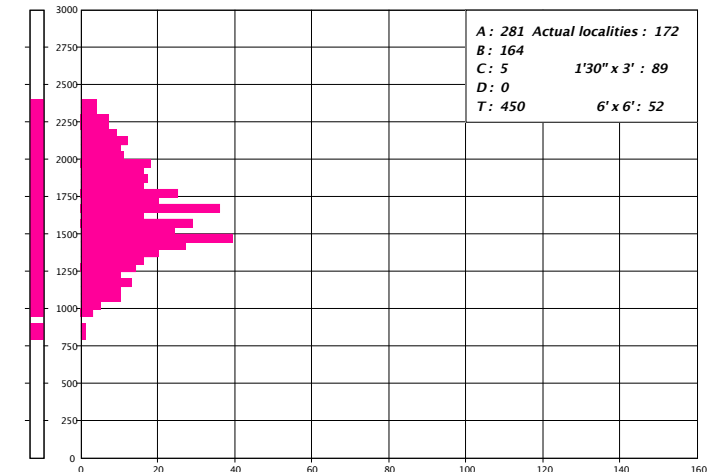
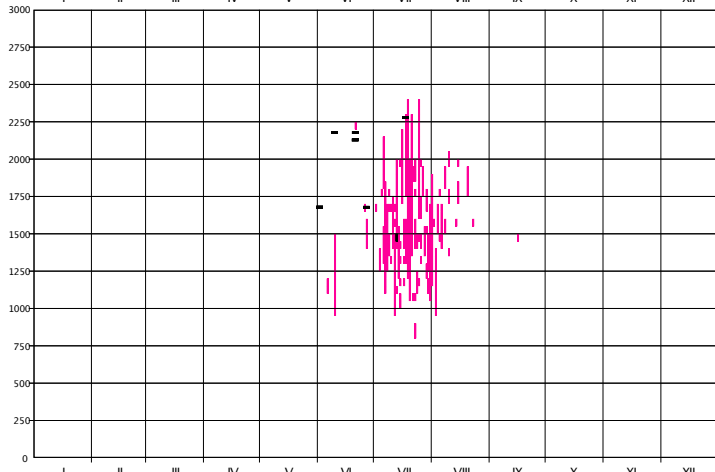
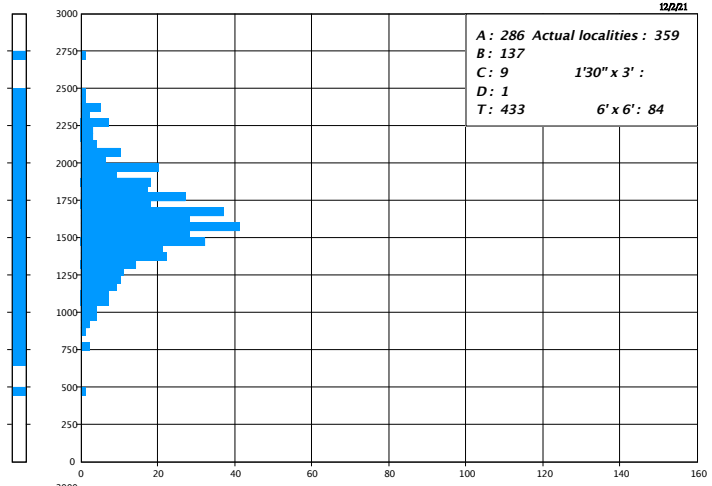
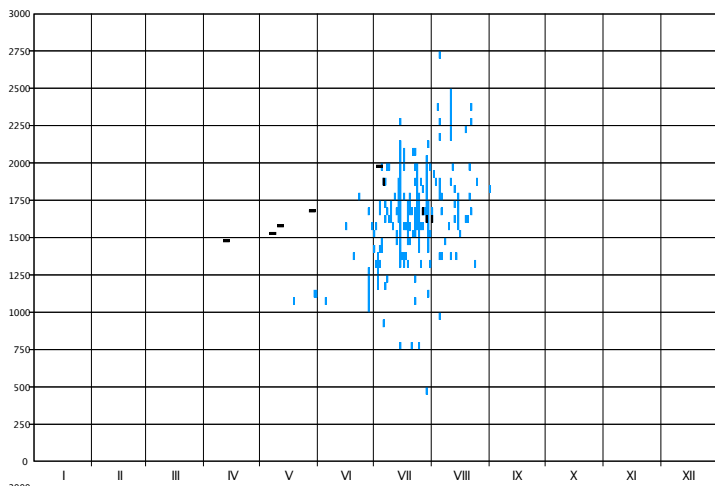


**ΕΝΔΗΜΙΚΟ ΕΙΔΟΣ ΤΗΣ ΕΛΛΑΔΑΣ  
ENDEMIC SPECIES OF GREECE**

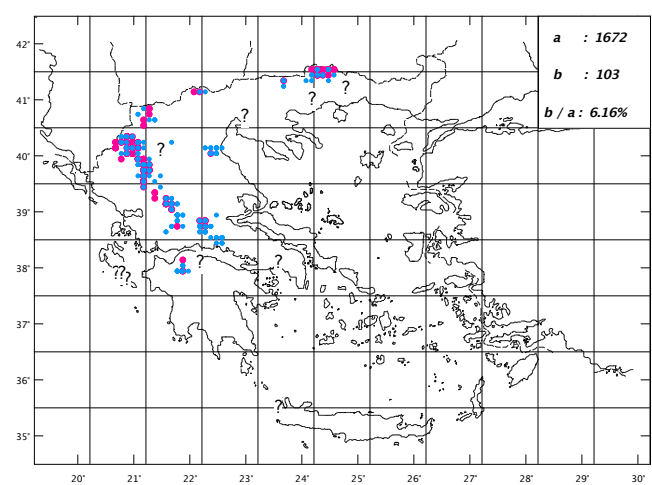
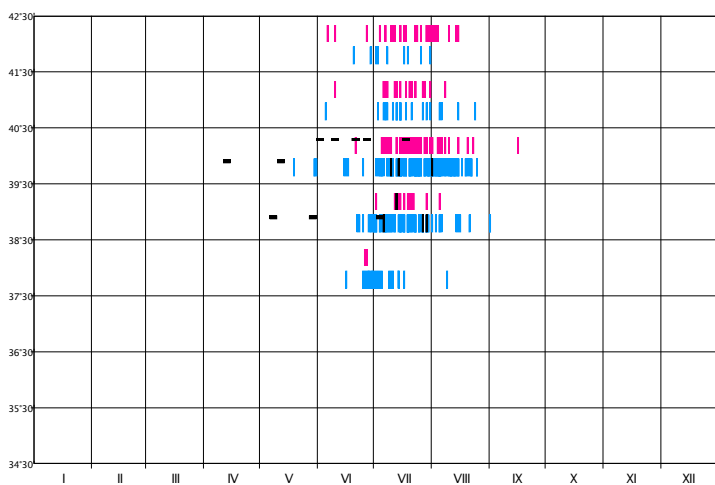


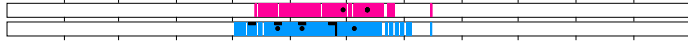
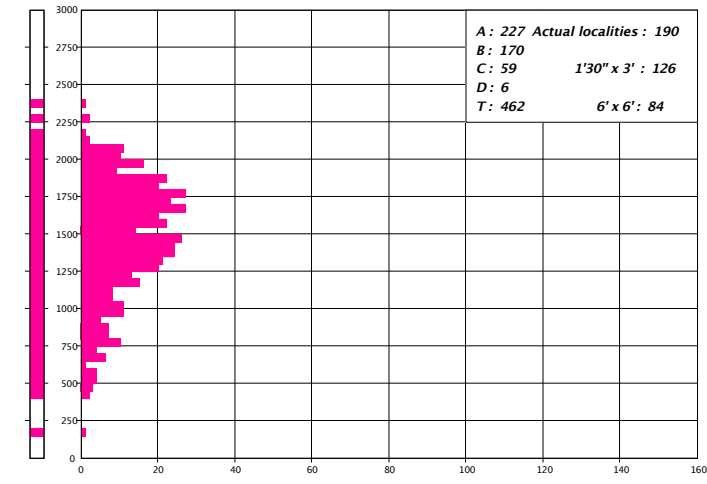
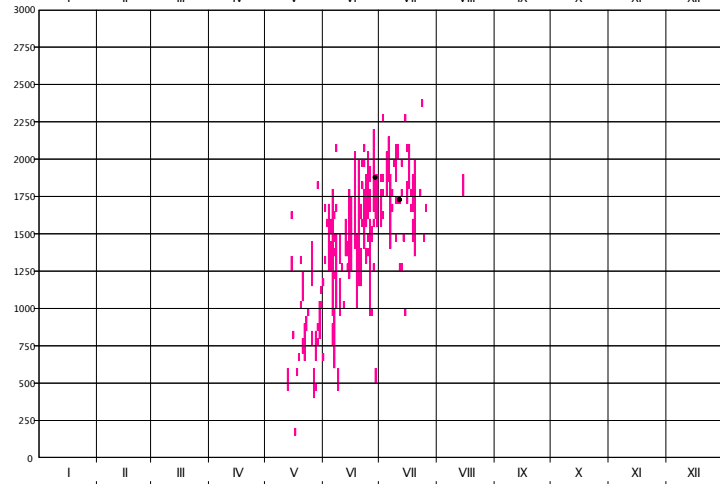
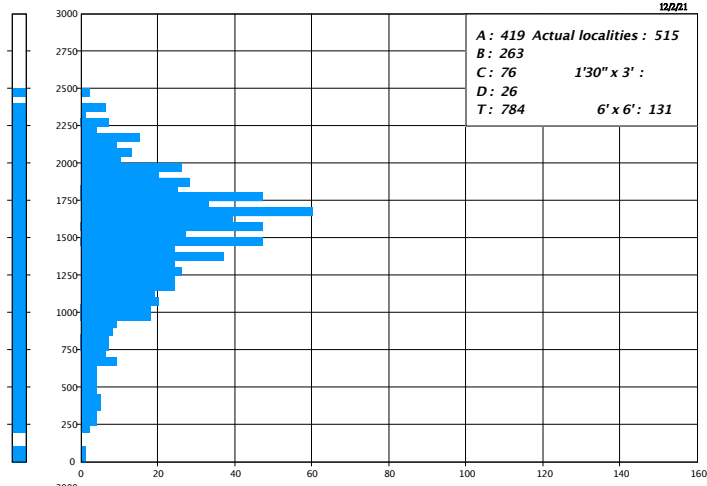
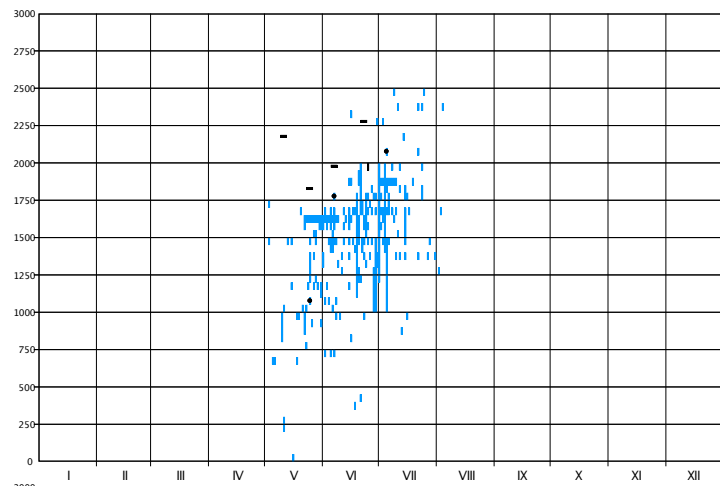
**PAPILIONIDAE Archon apollinus**



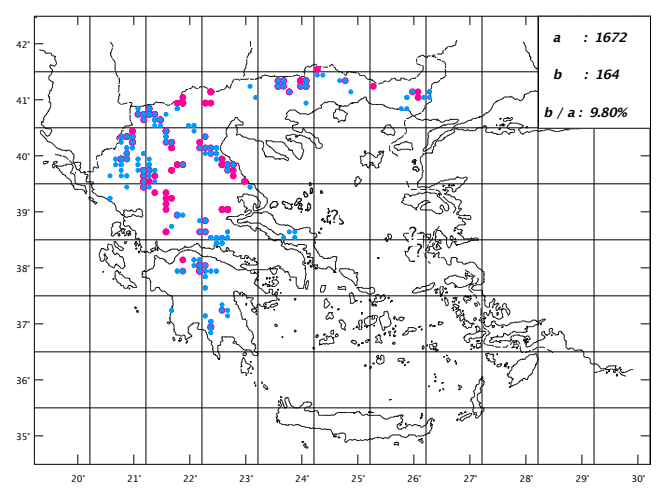
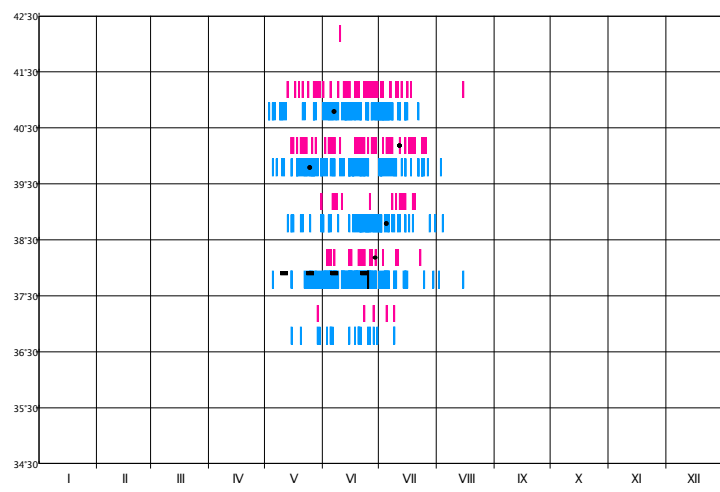


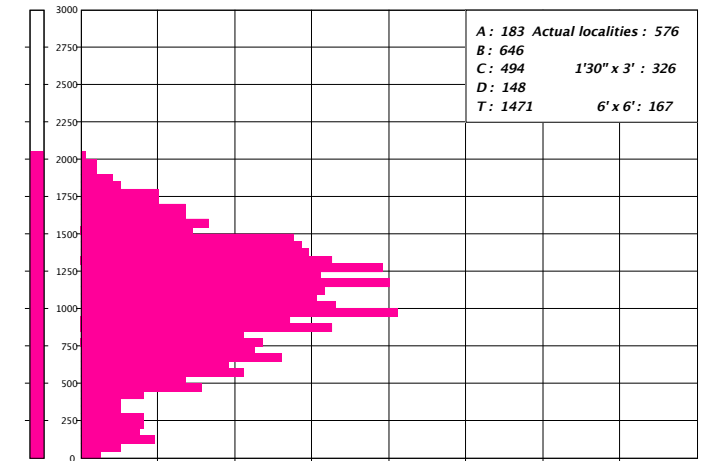
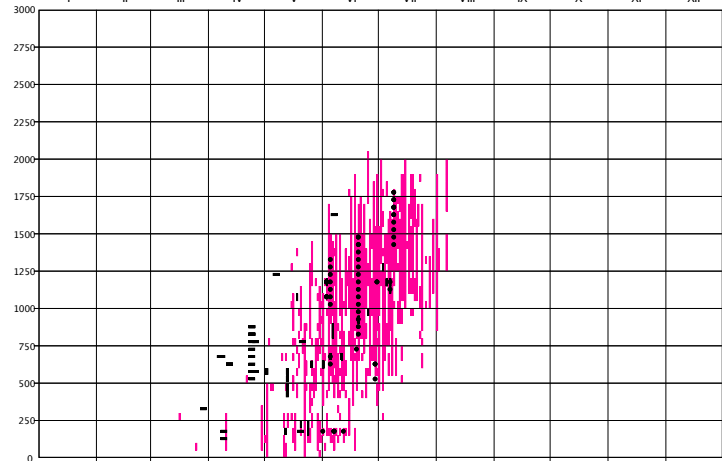
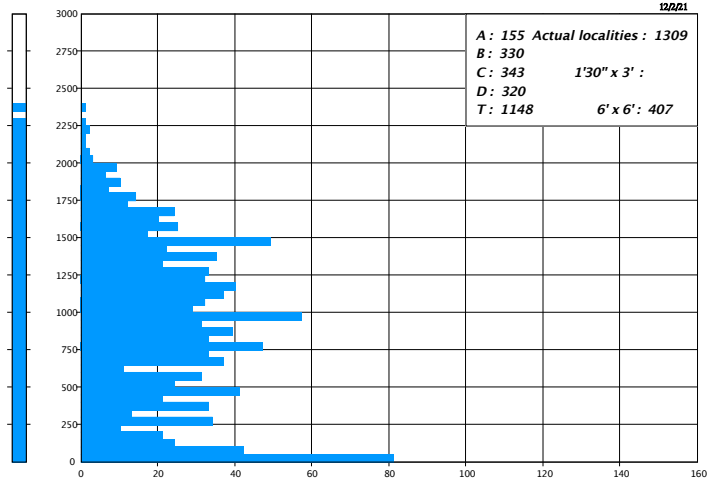
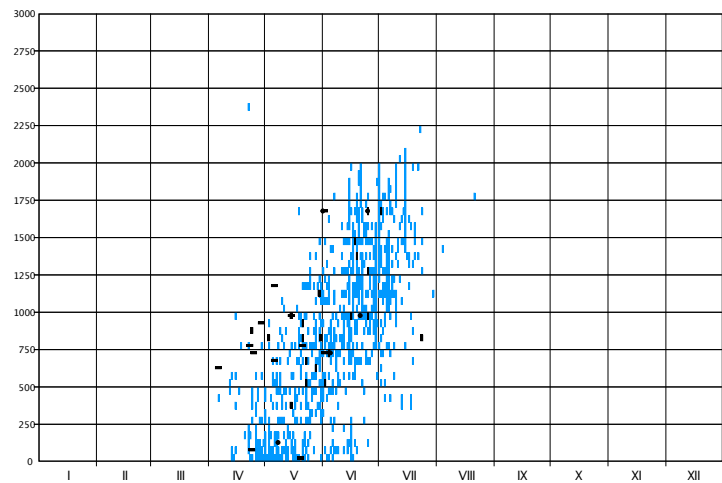
**PAPILIONIDAE *Parnassius apollo***



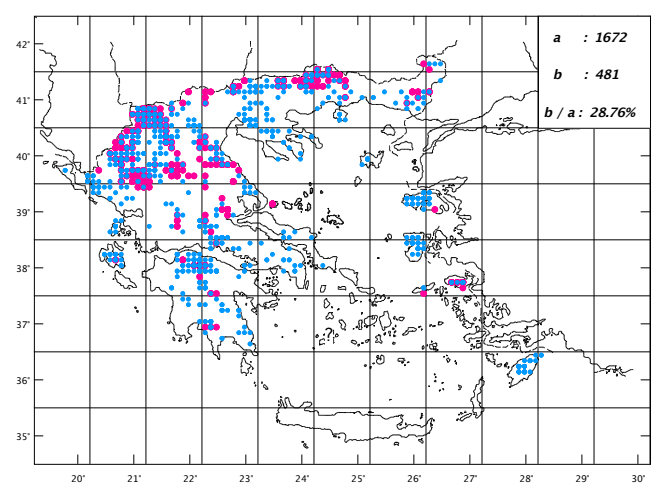
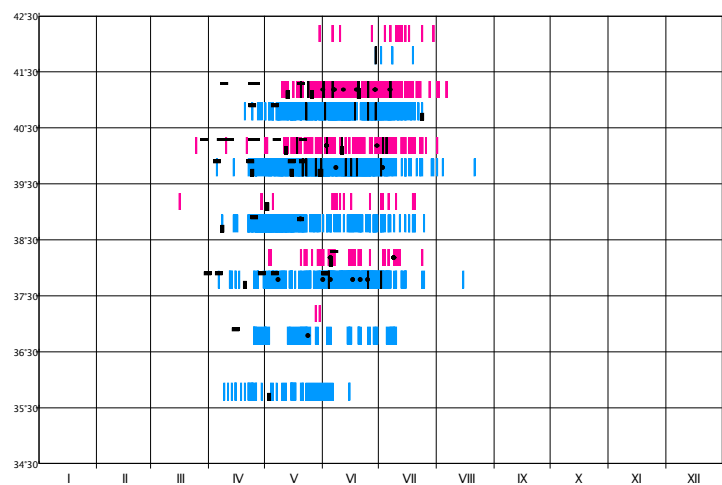


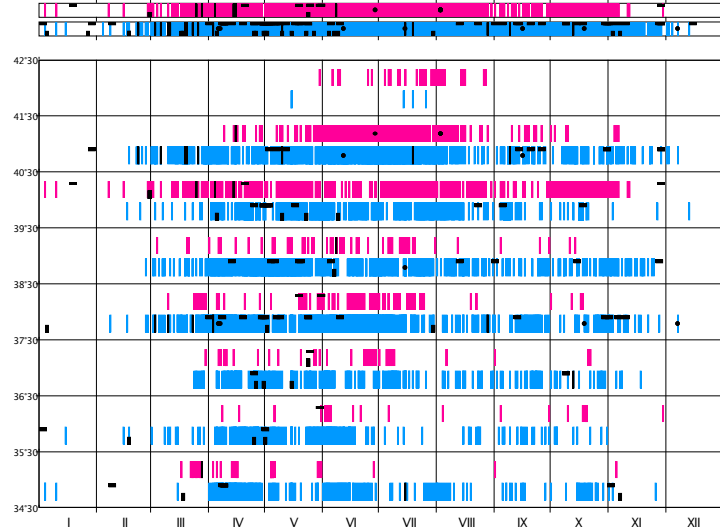
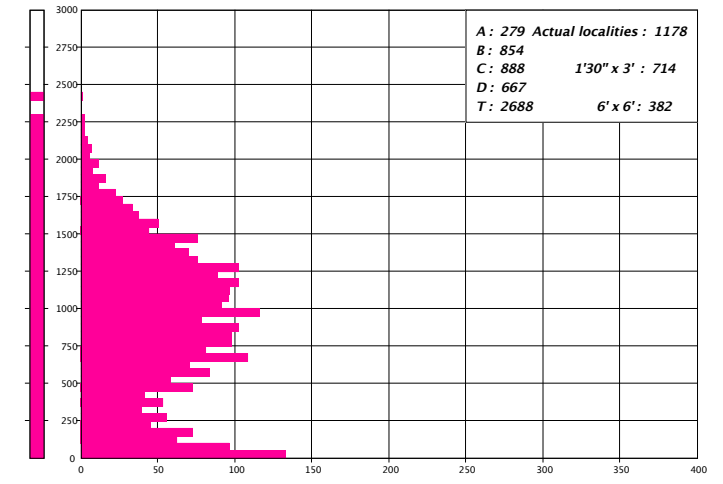
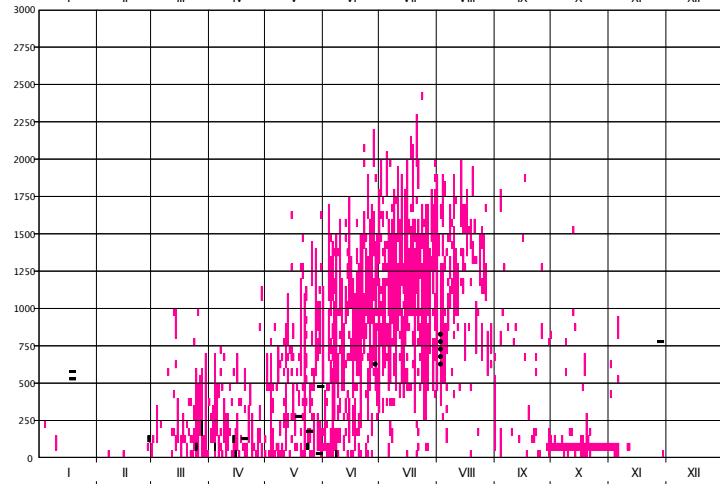
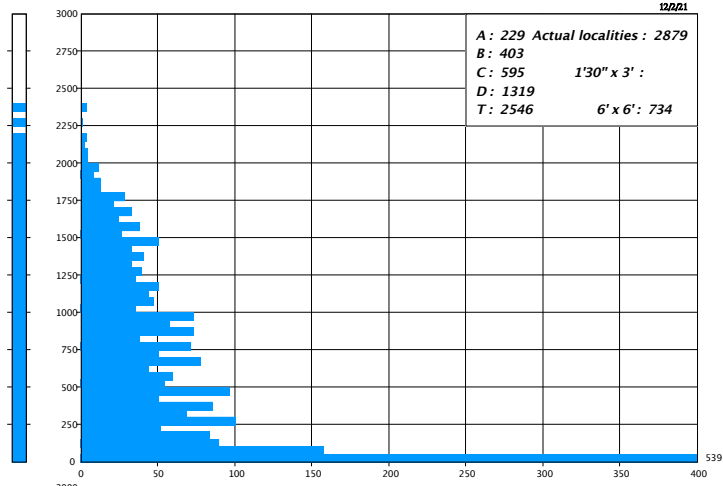
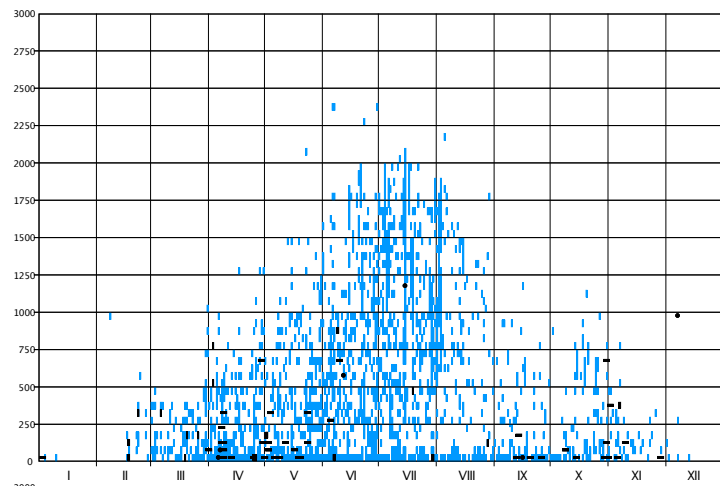
**PAPILIONIDAE *Parnassius mnemosyne***



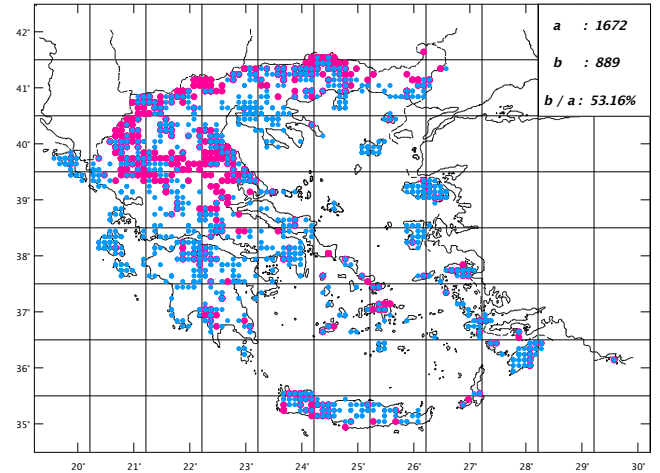


**PIERIDAE *Aporia crataegi***

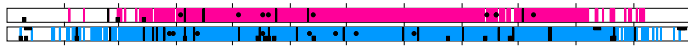
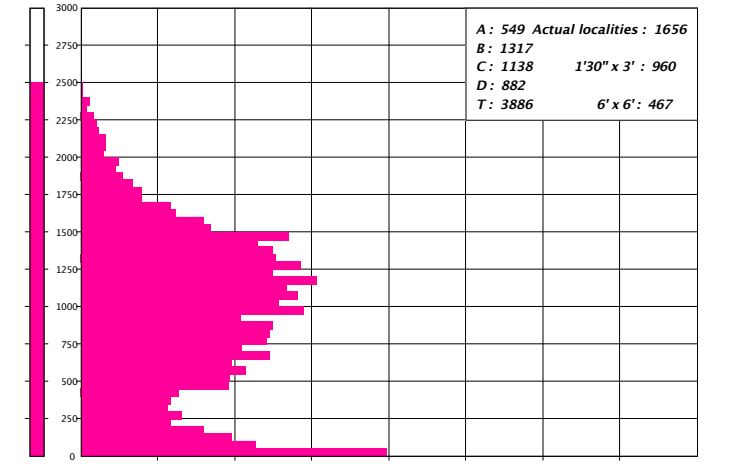
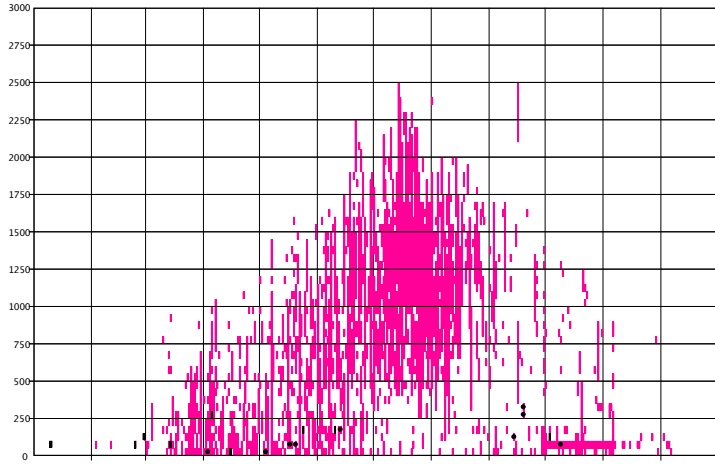
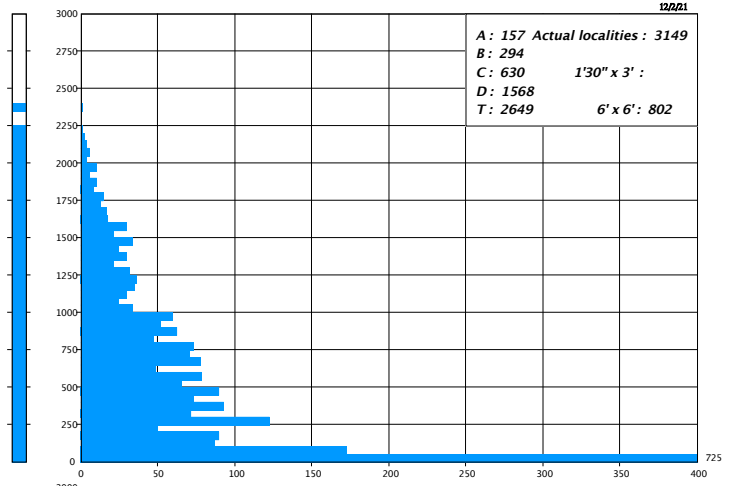
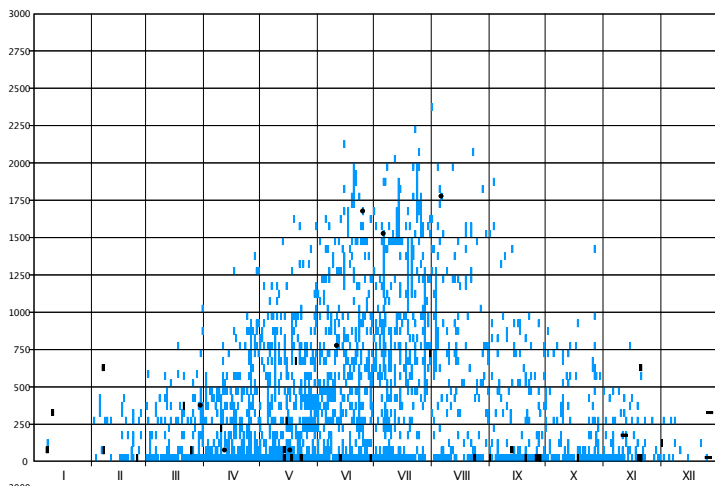




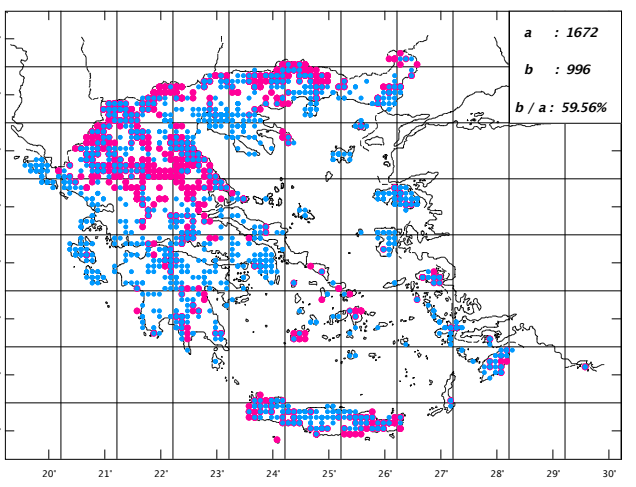
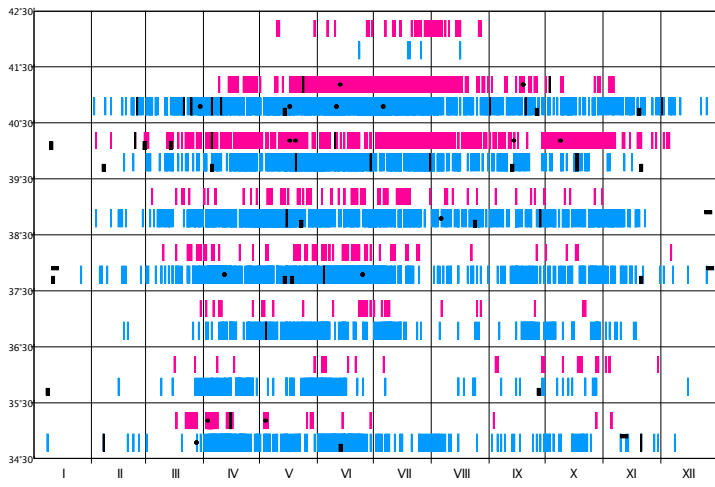
**PIERIDAE *Pieris brassicae***

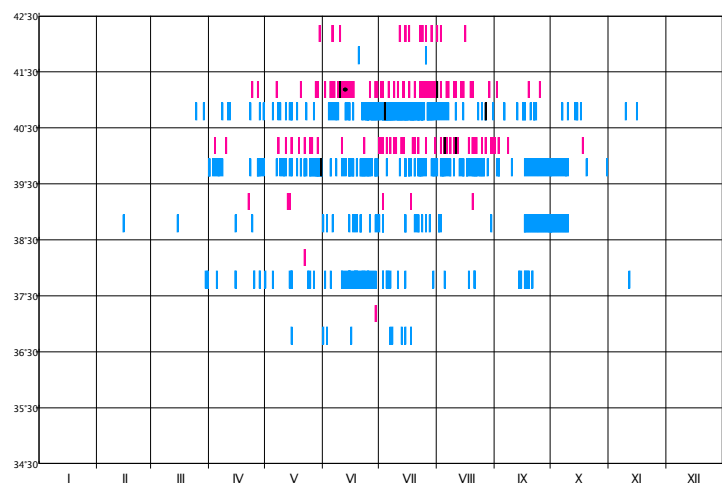
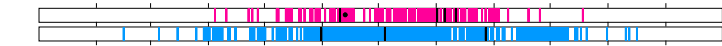
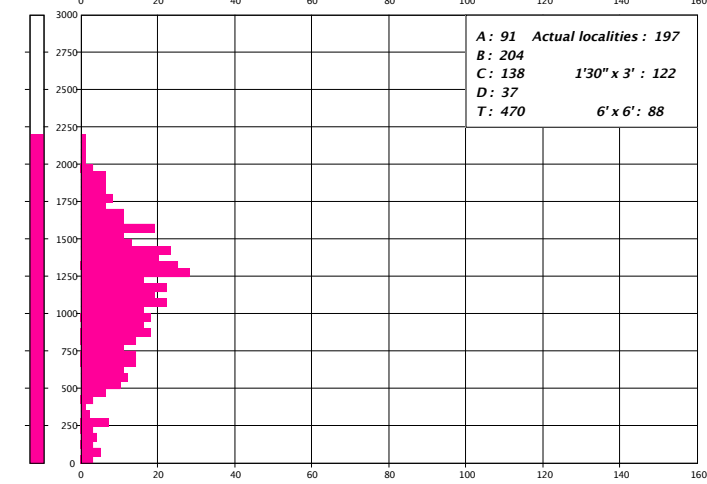
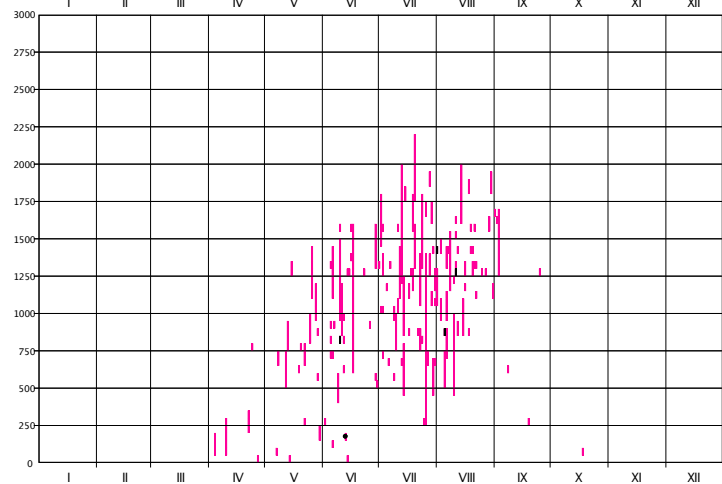
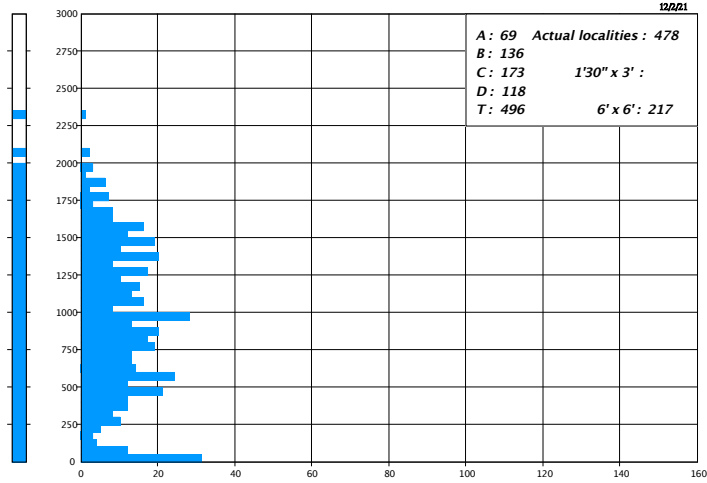
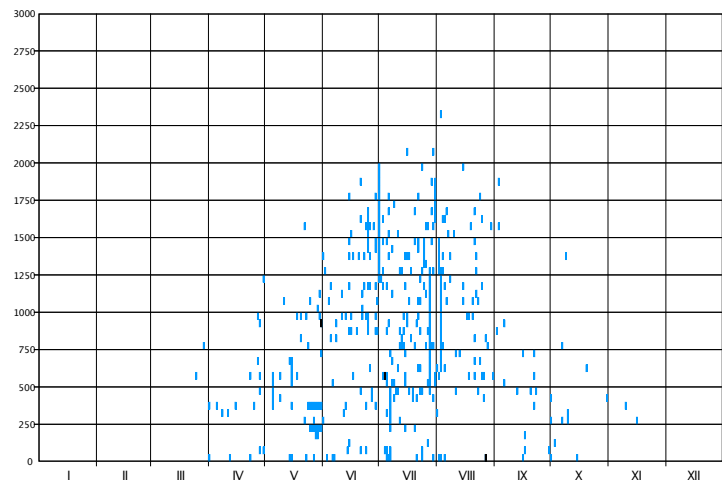




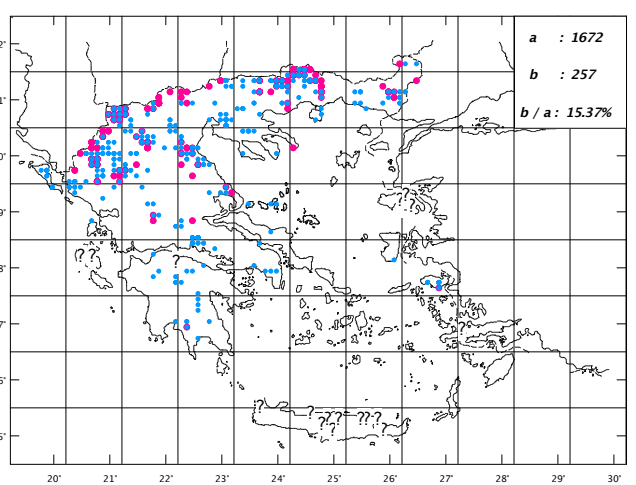


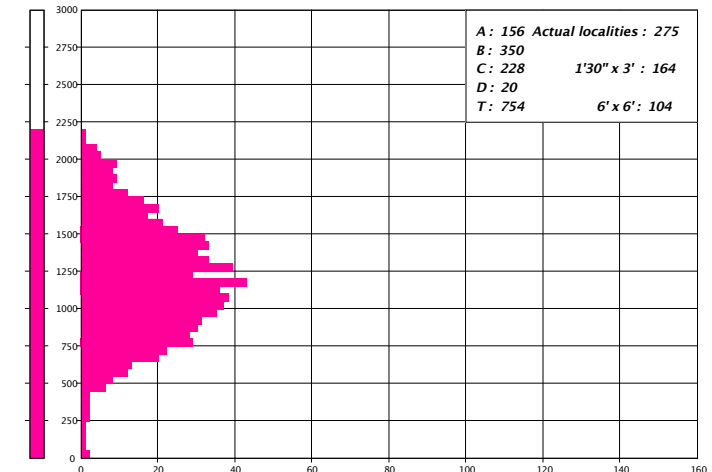
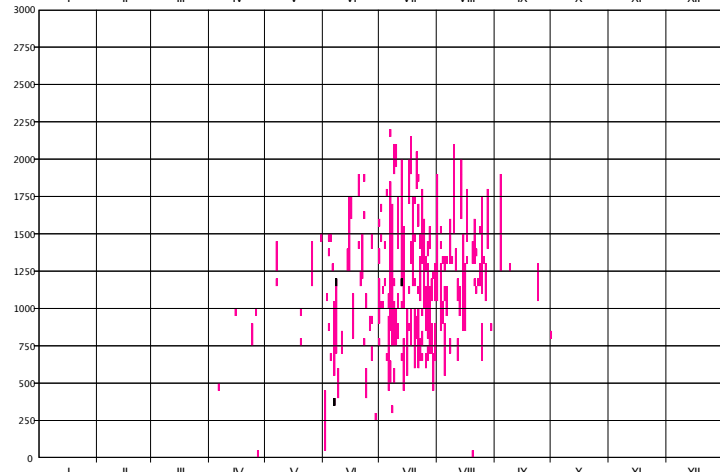
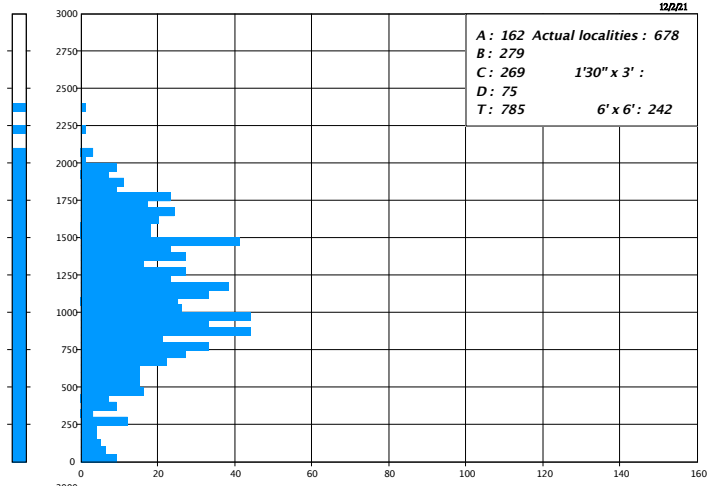
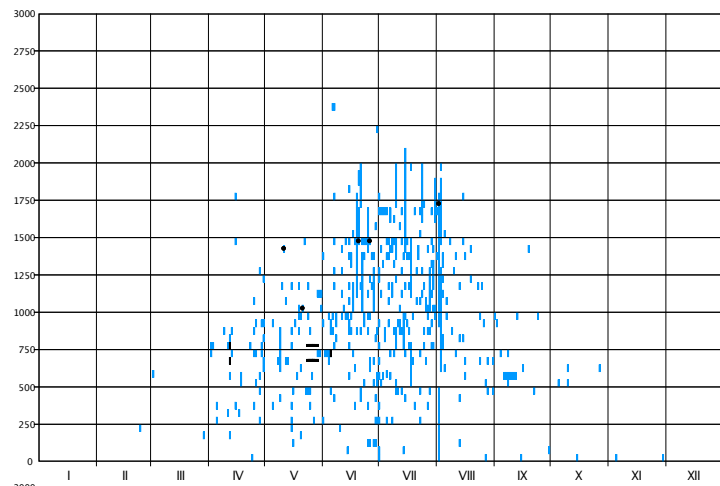
PIERIDAE *Pieris rapae*



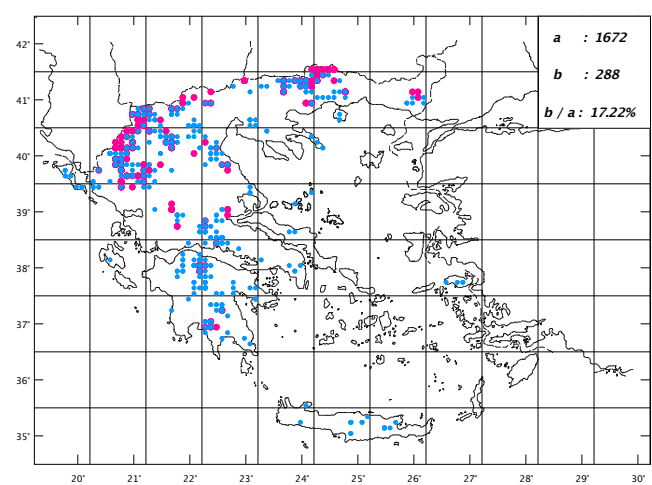
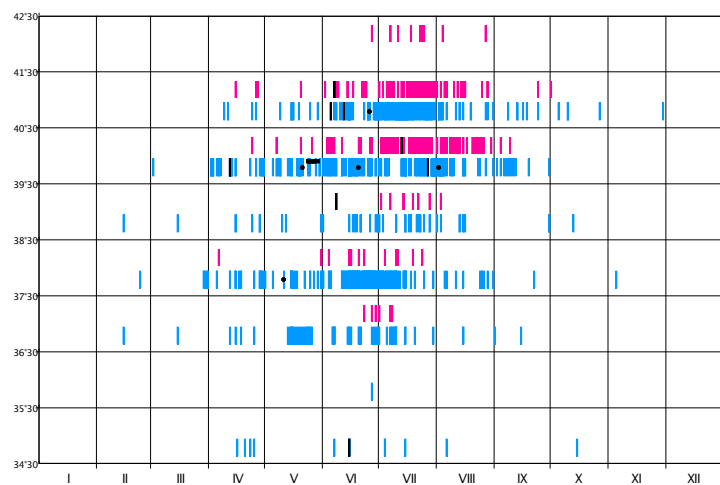


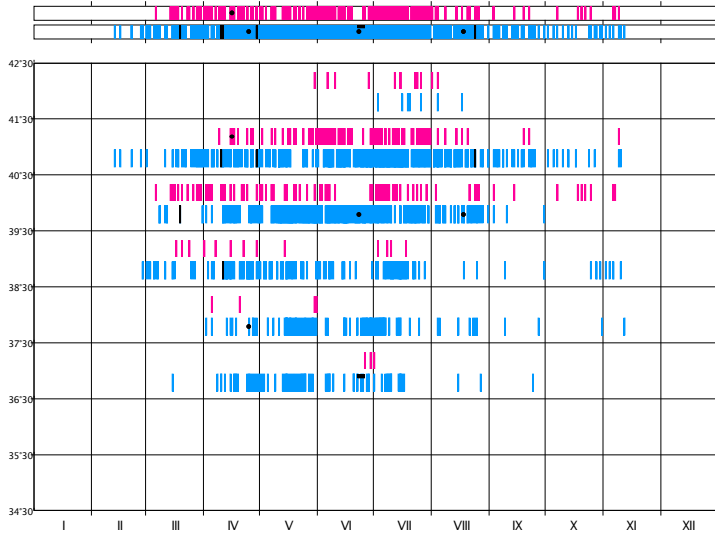
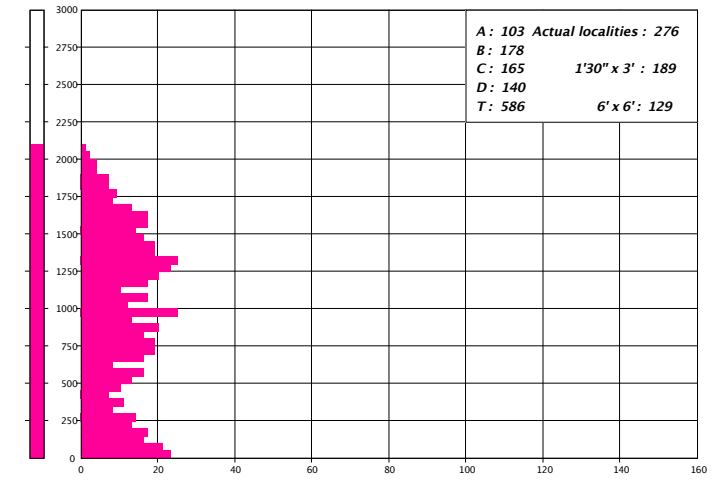
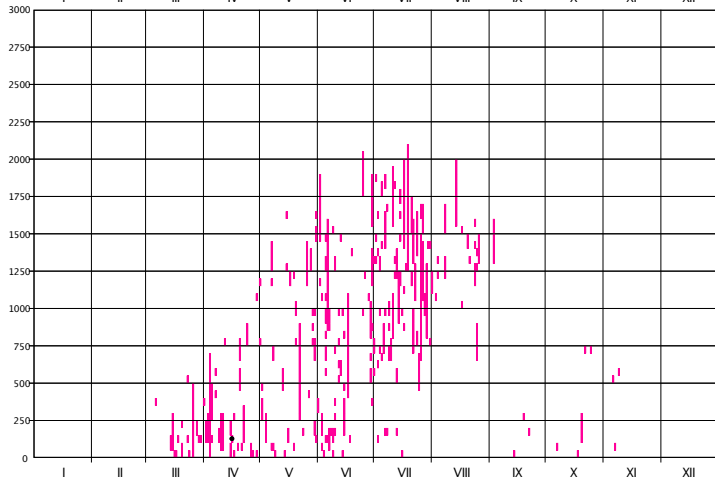
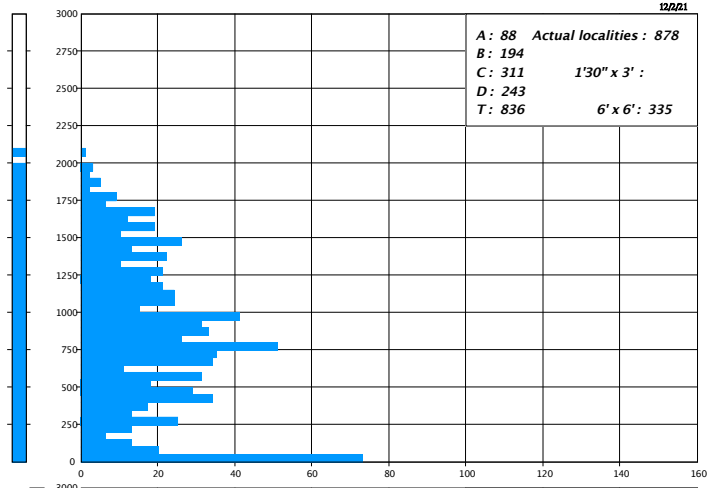
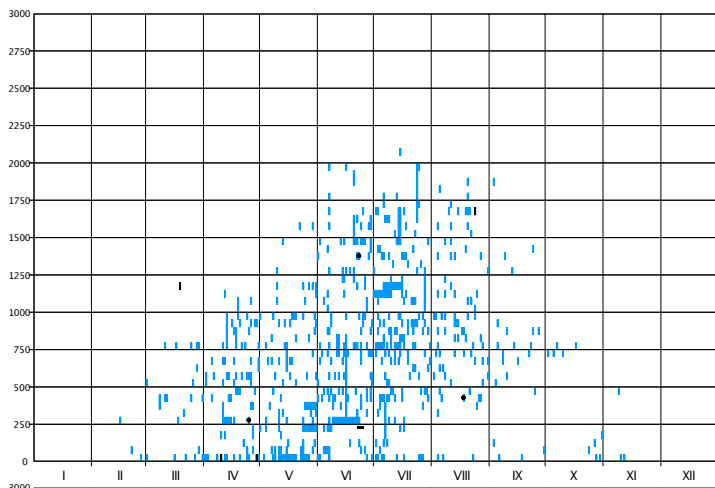
**PIERIDAE *Pieris manni***



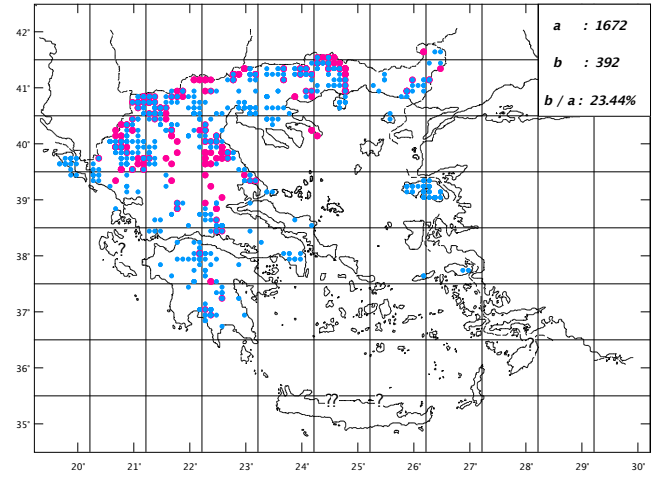


**PIERIDAE *Pieris ergane***



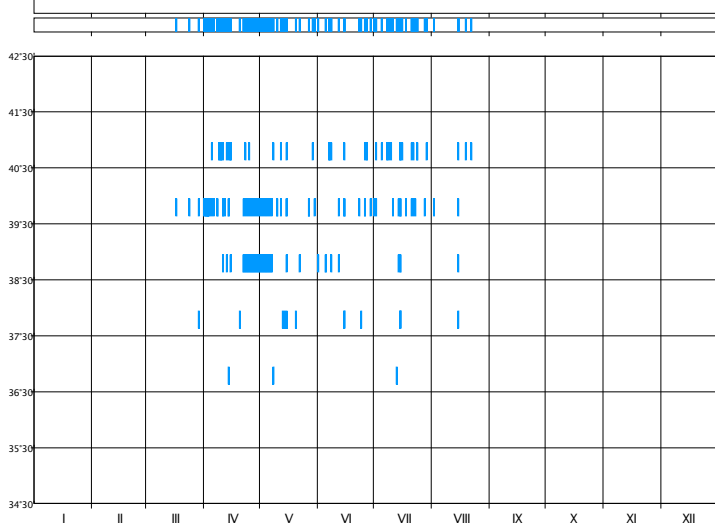
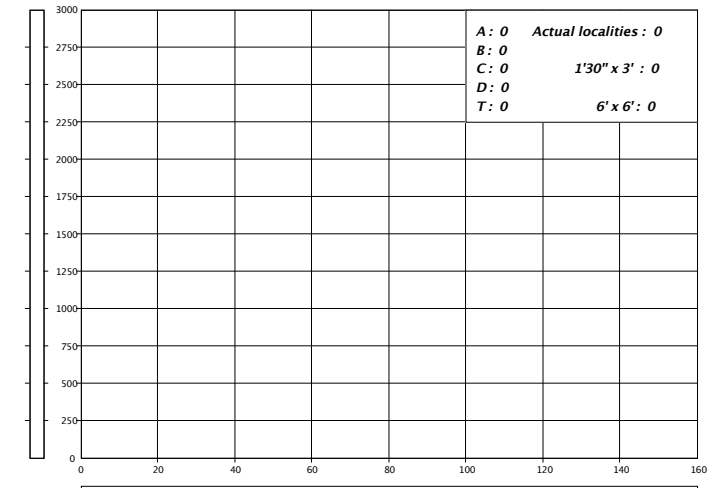
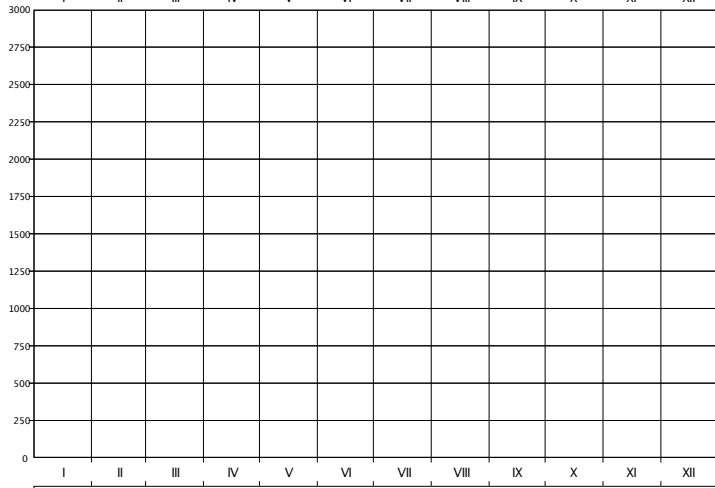
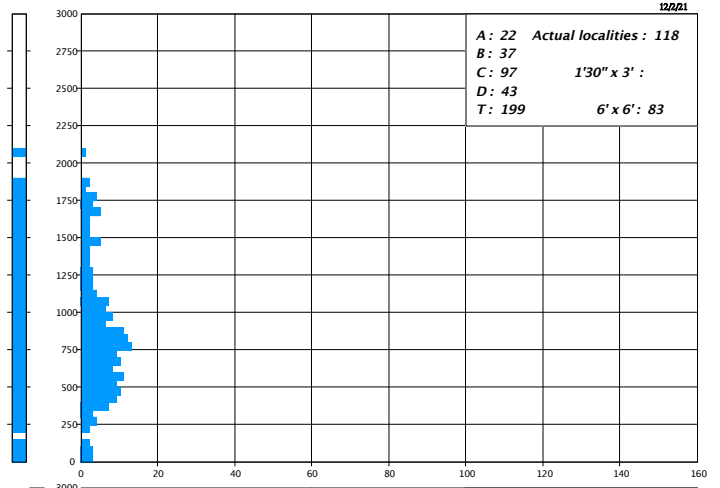
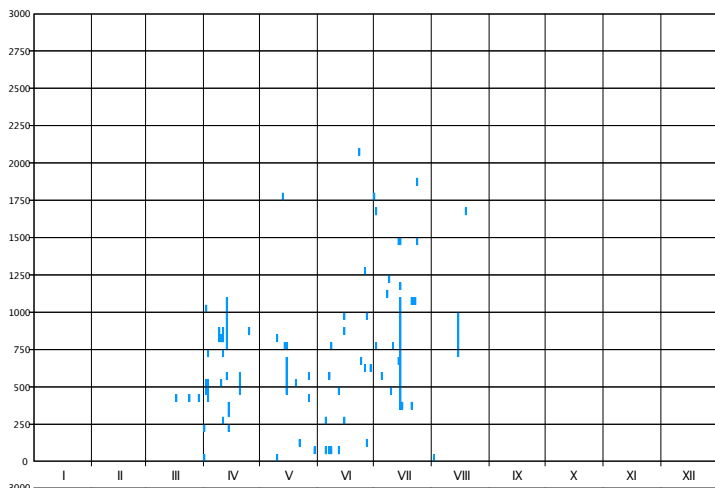


PIERIDAE *Pieris napi*

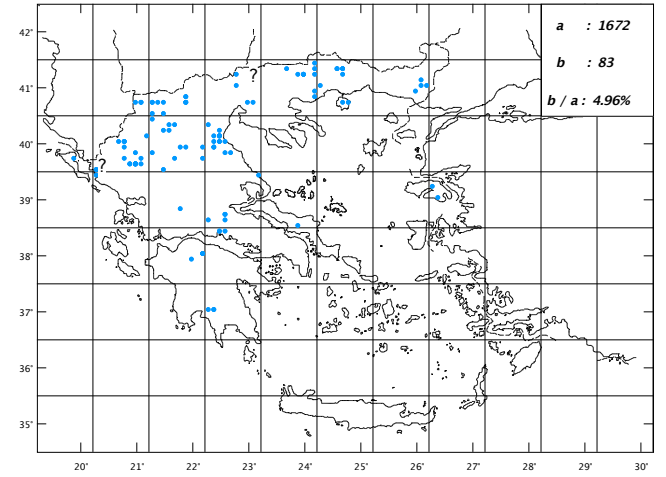


Αμφίβολη αναγνώριση / Identification Uncertain

[http://www.pamperis.gr/PHOTOGRAPHS/Pieris\\_napi\\_balcana\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Pieris_napi_balcana_complex.html)

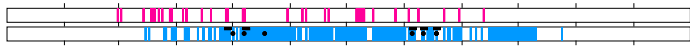
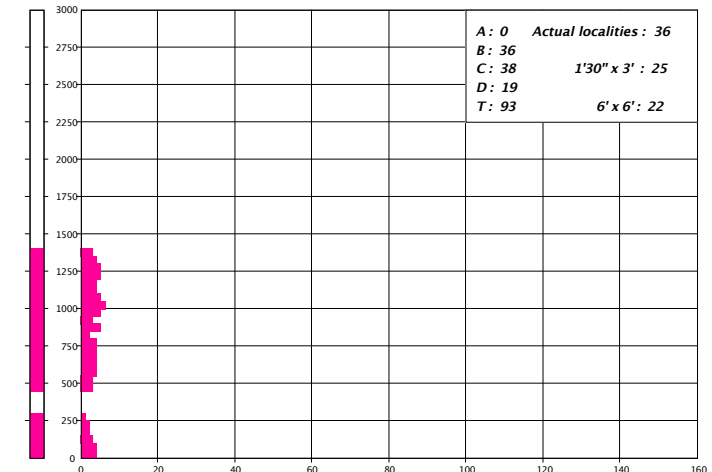
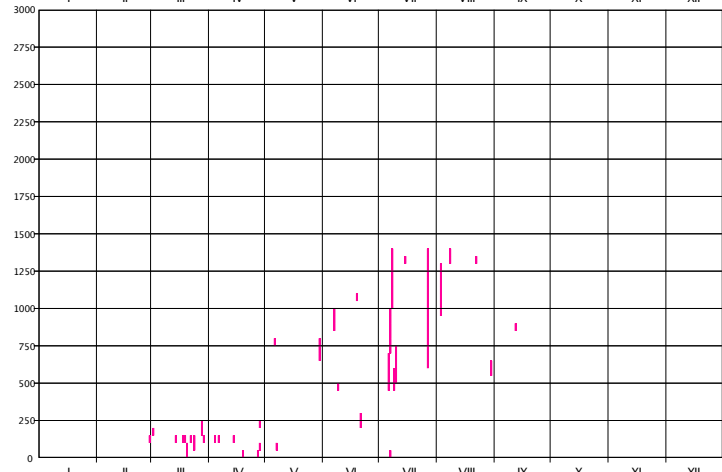
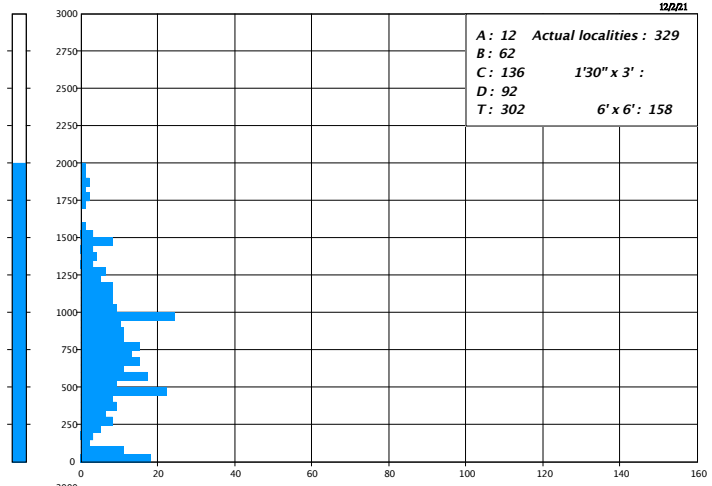
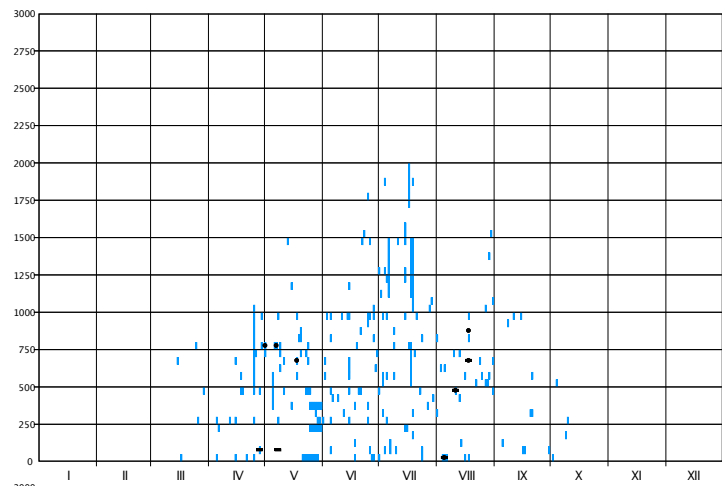


**PIERIDAE *Pieris balcana***

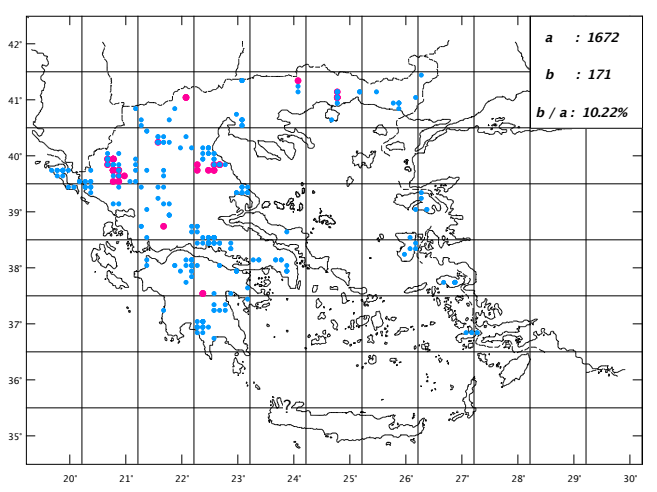
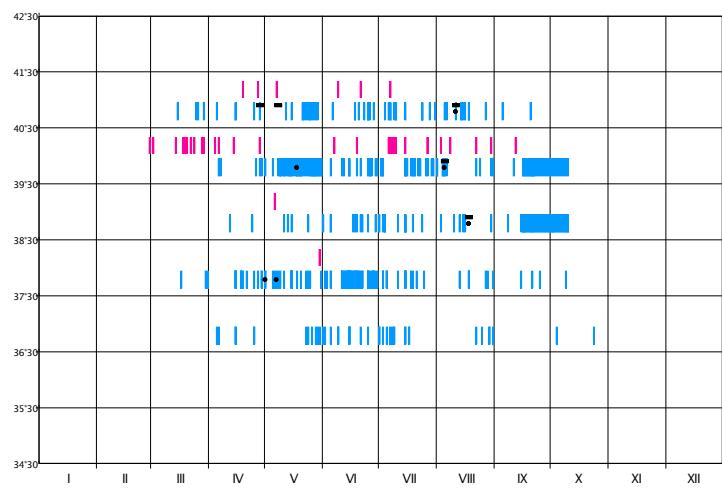


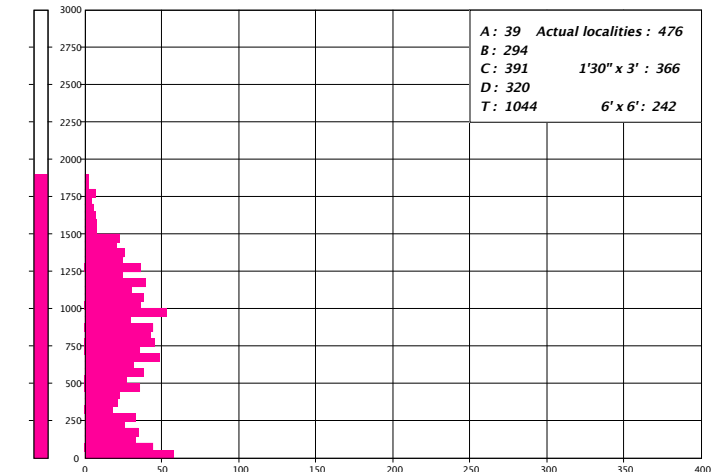
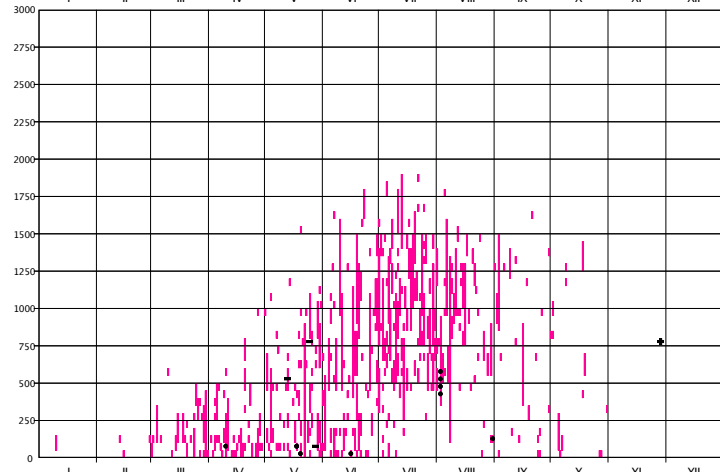
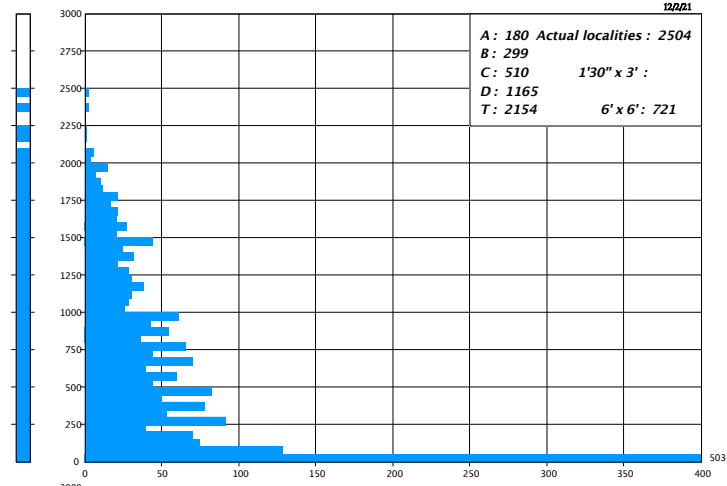
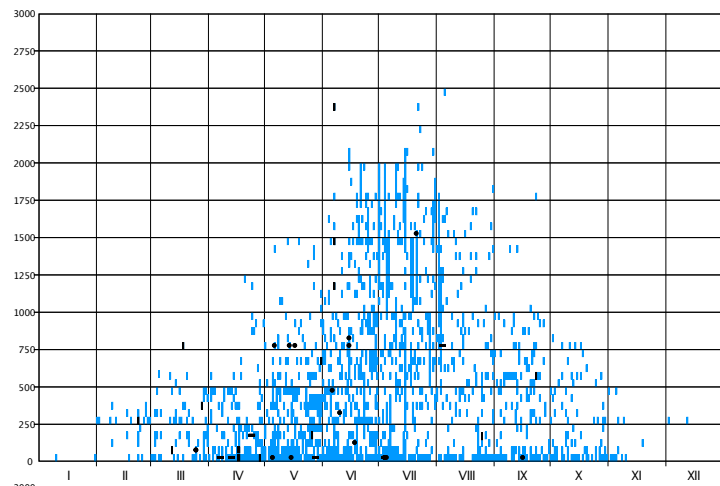
**Αμφίβολη αναγνώριση / Identification Uncertain**

[http://www.pamperis.gr/PHOTOGRAPHS/Pieris\\_napi\\_balcana\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Pieris_napi_balcana_complex.html)

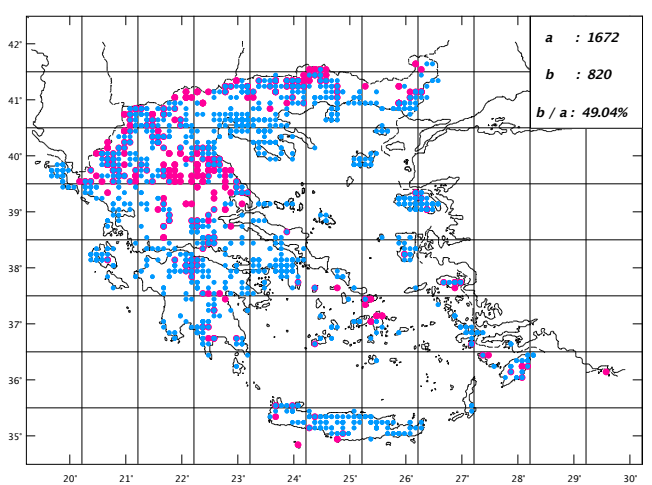
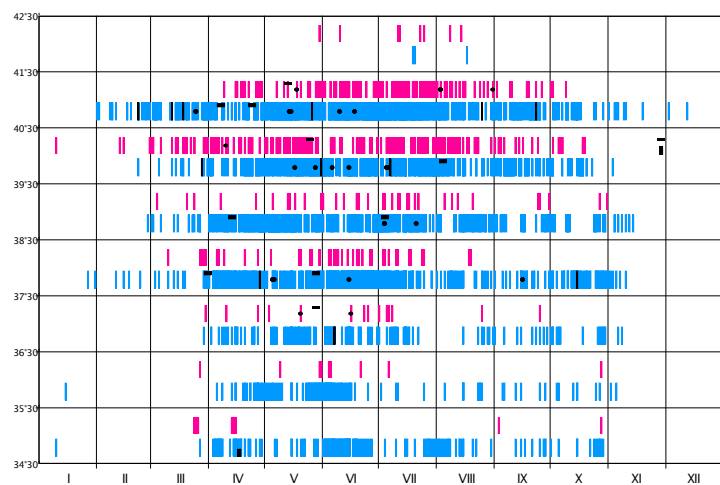


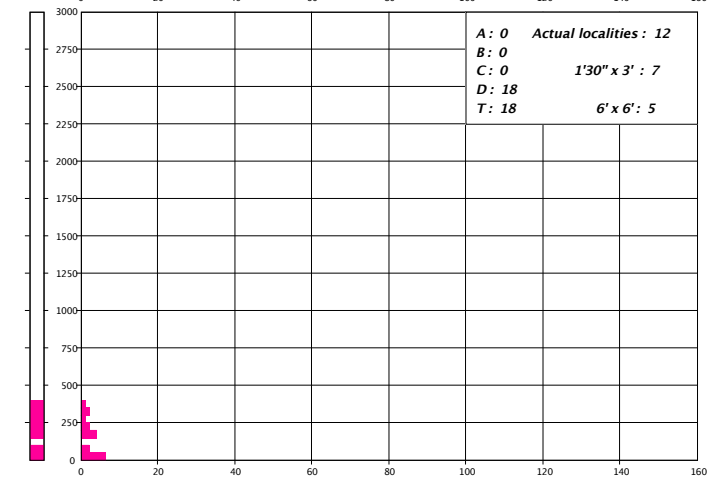
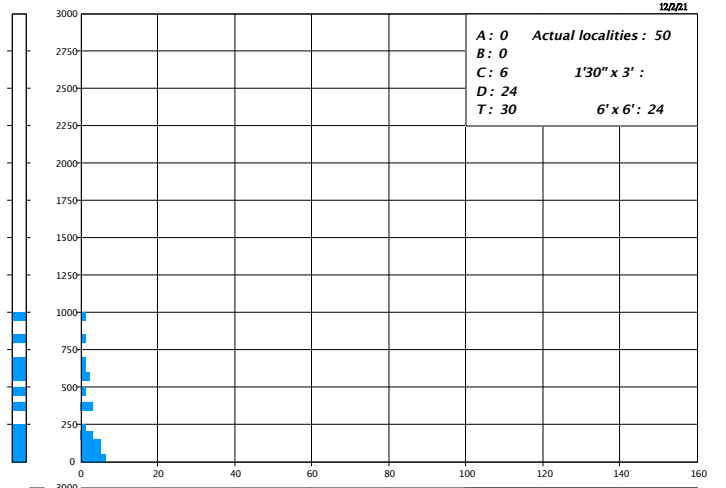
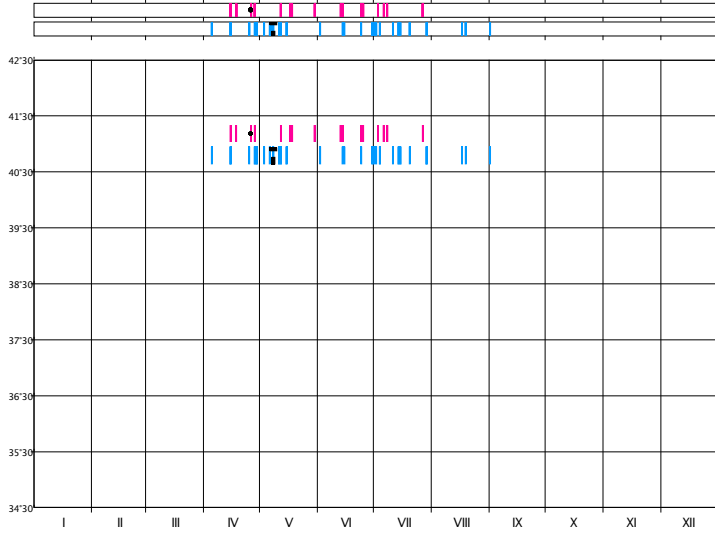
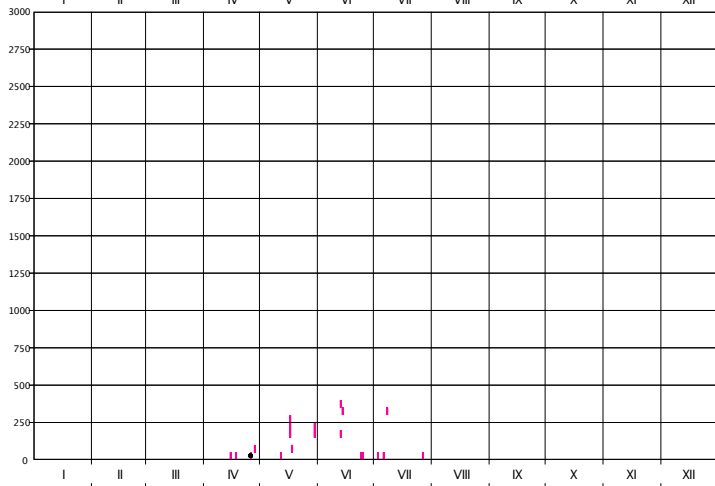
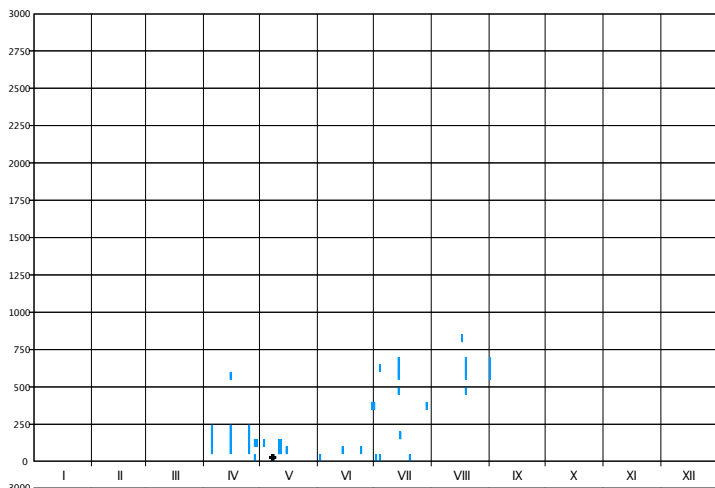
**PIERIDAE *Pieris kroeperi***



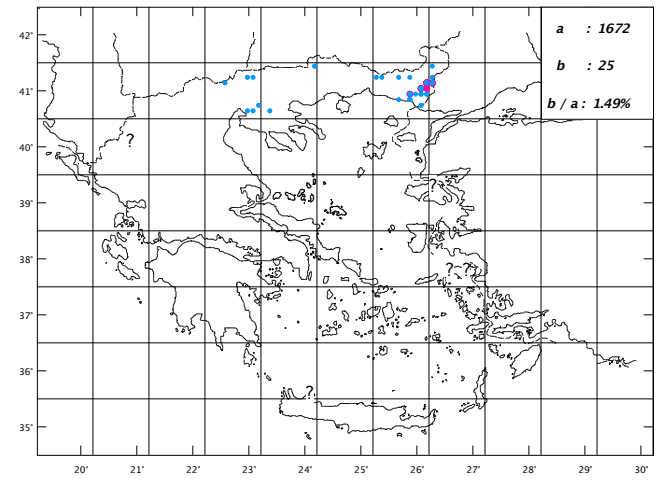


**PIERIDAE *Pontia edusa***

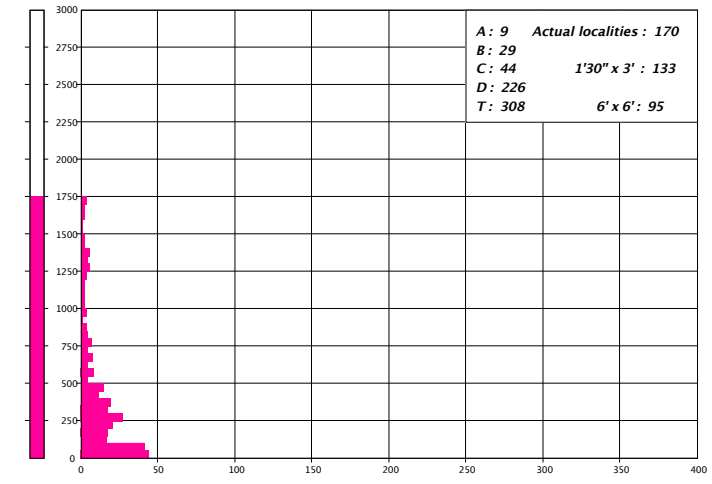
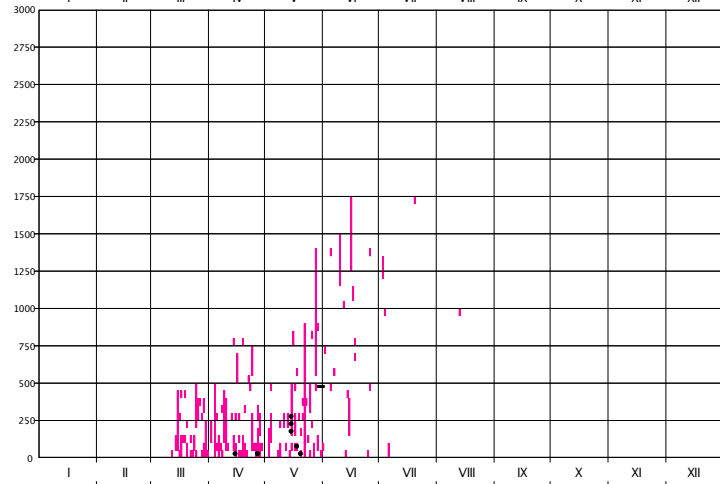
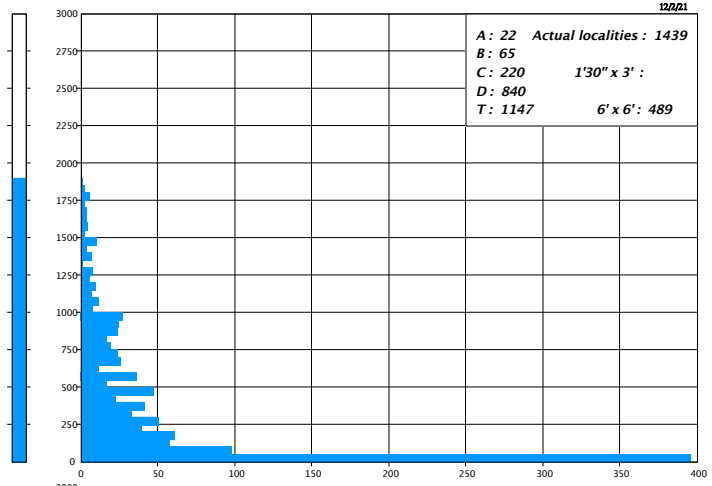
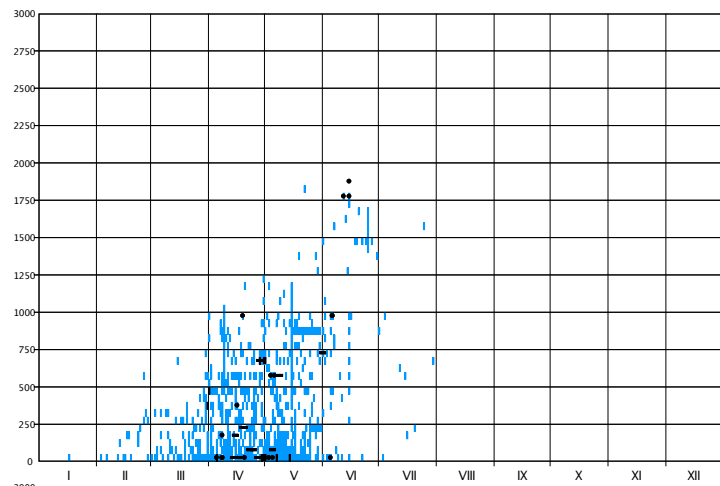




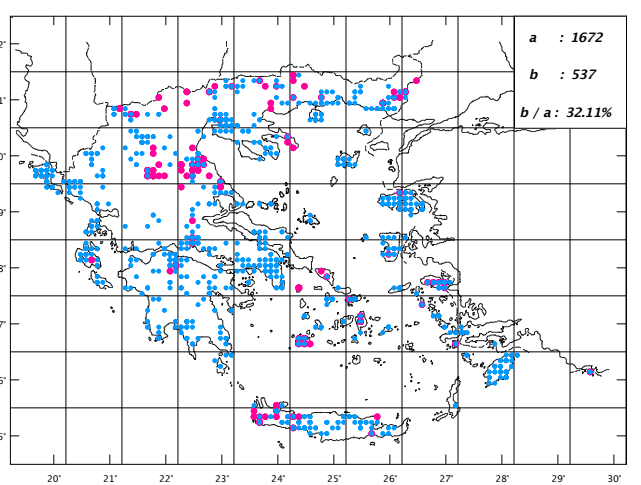
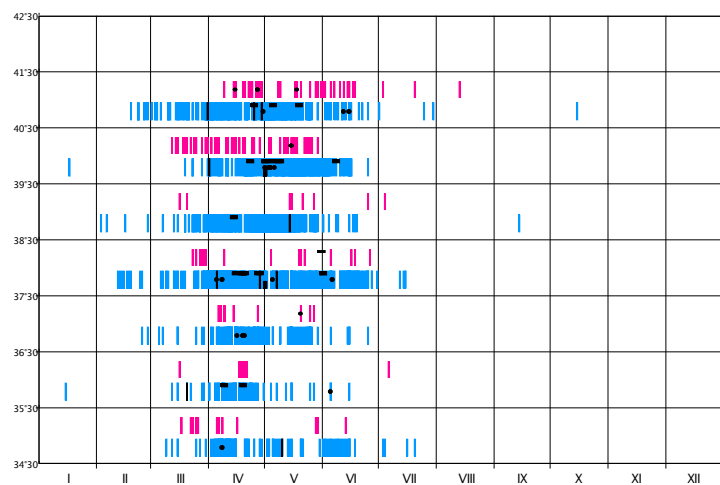
**PIERIDAE *Pontia chloridice***

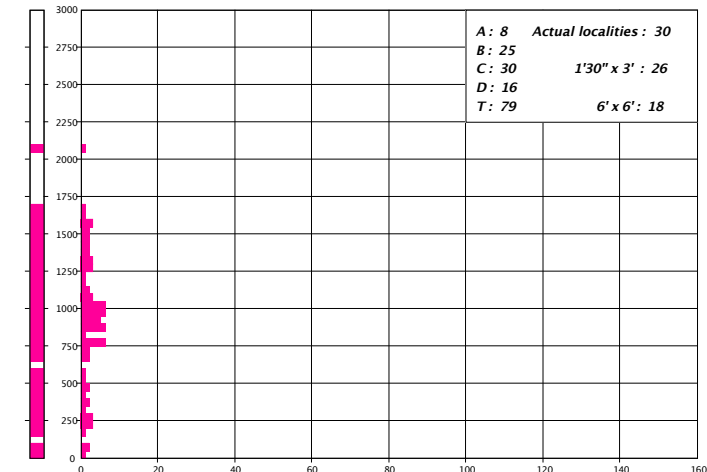
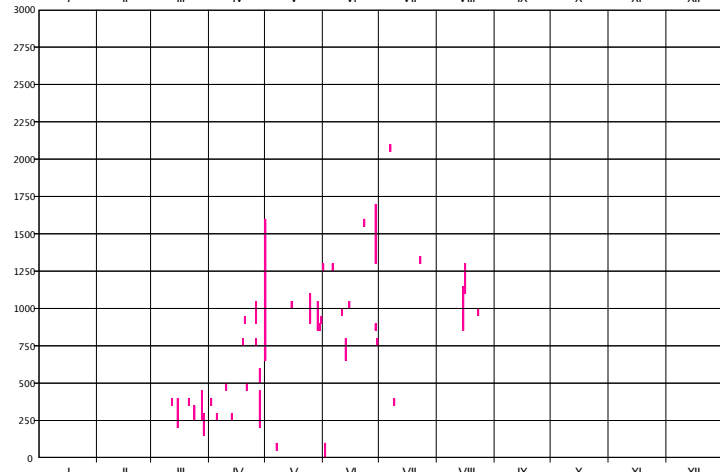
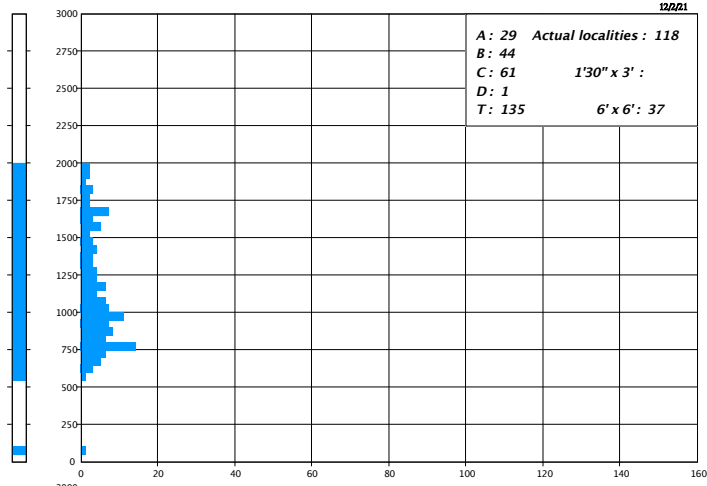
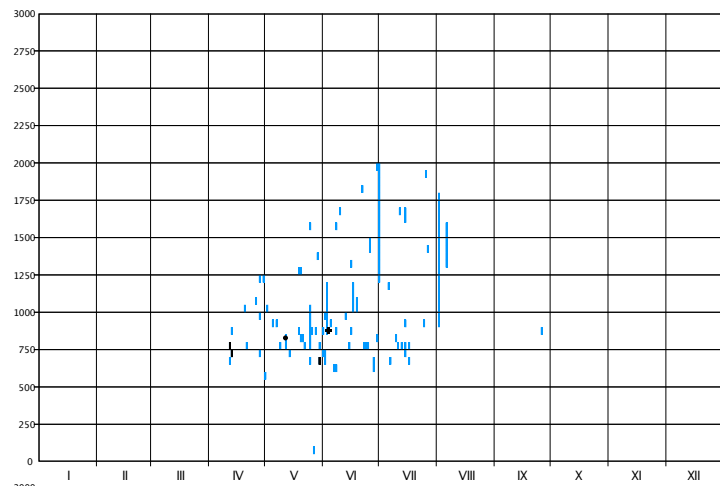




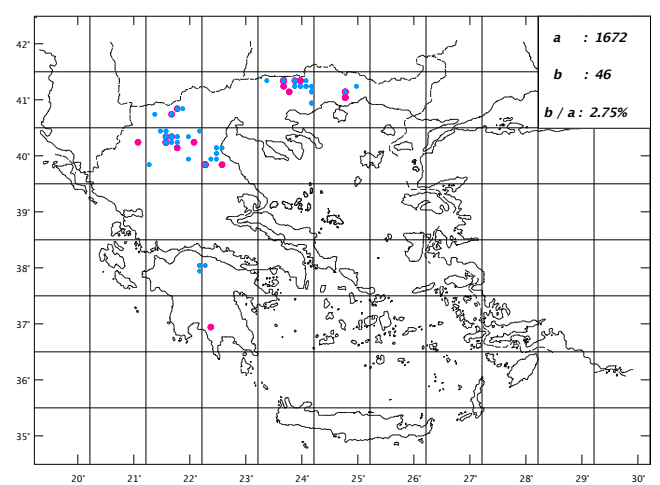
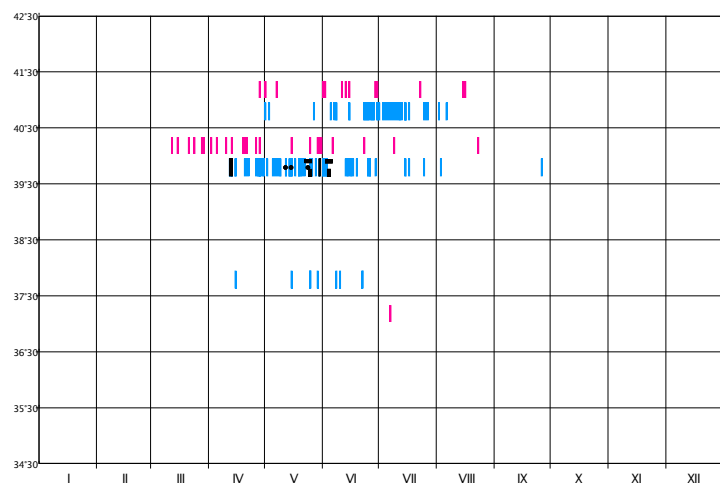


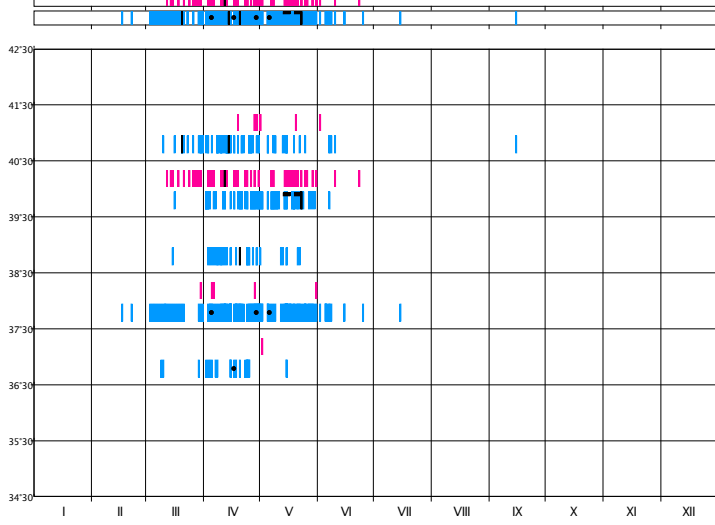
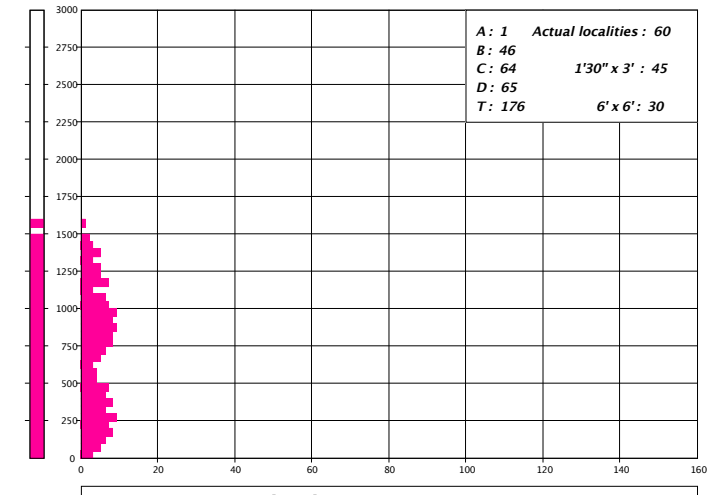
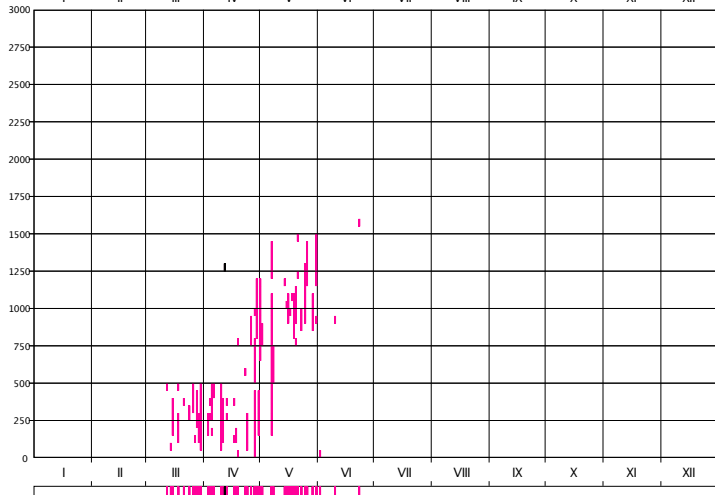
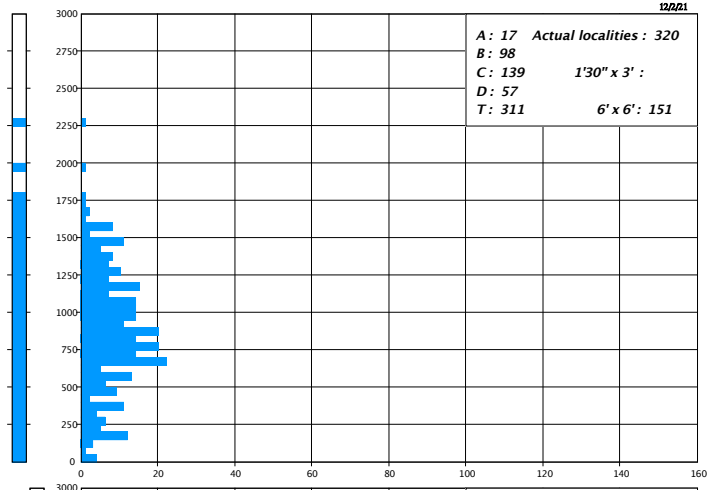
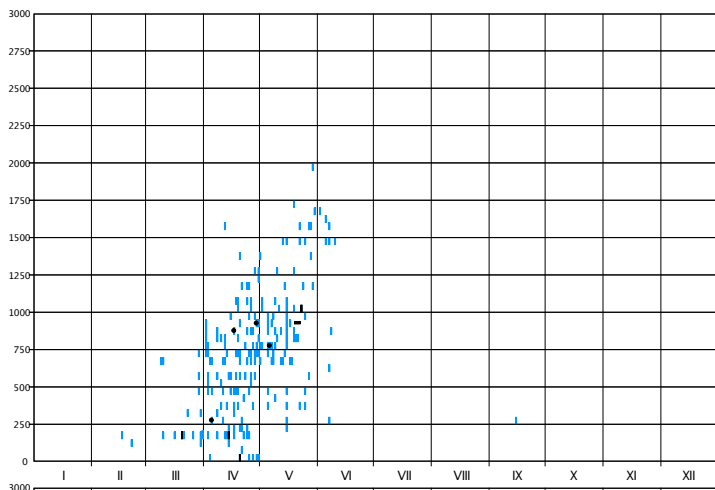
**PIERIDAE *Euchloe ausonia***



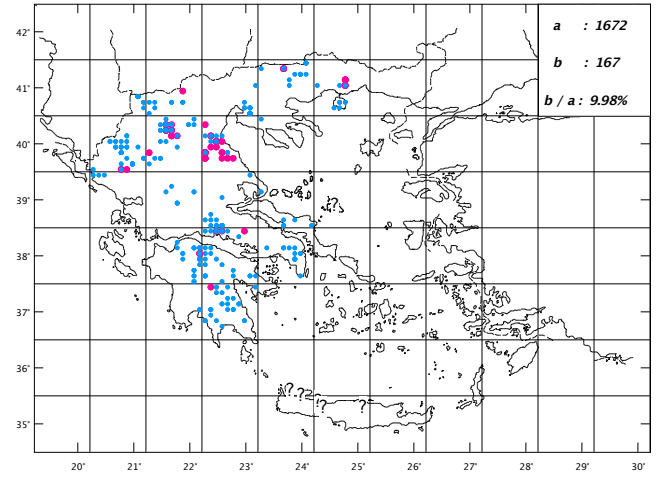


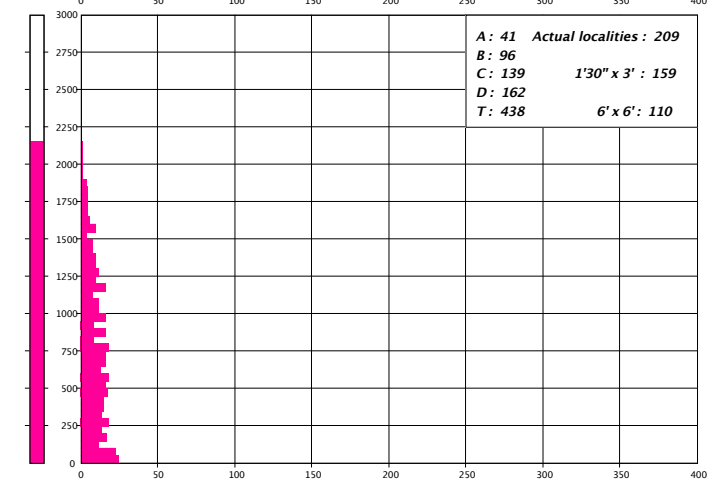
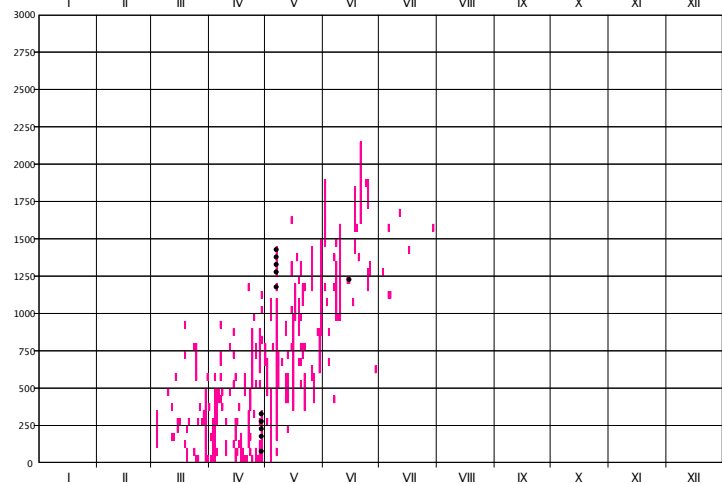
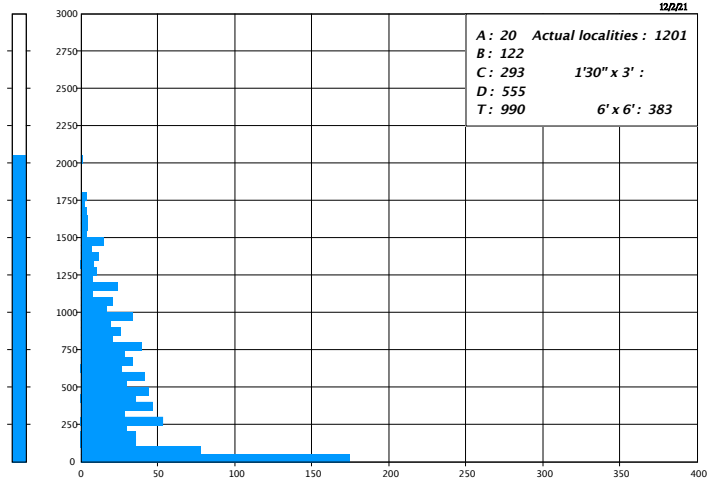
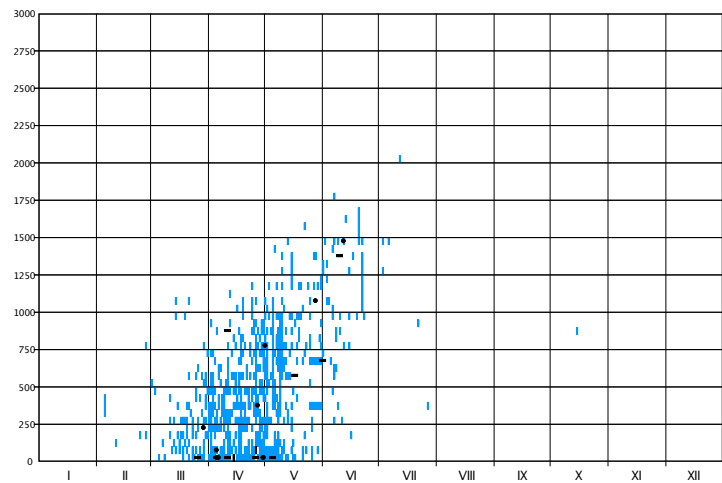
**PIERIDAE *Euchloe penia***



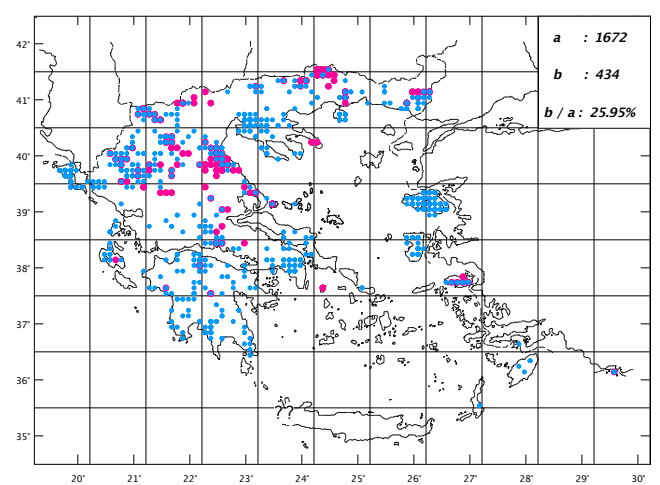
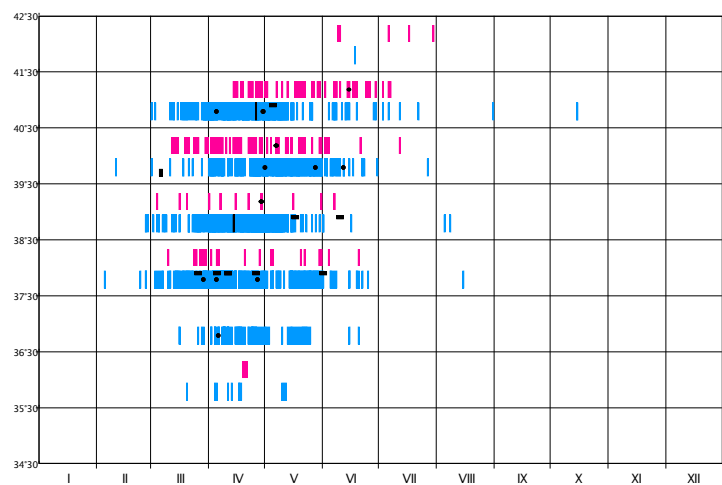


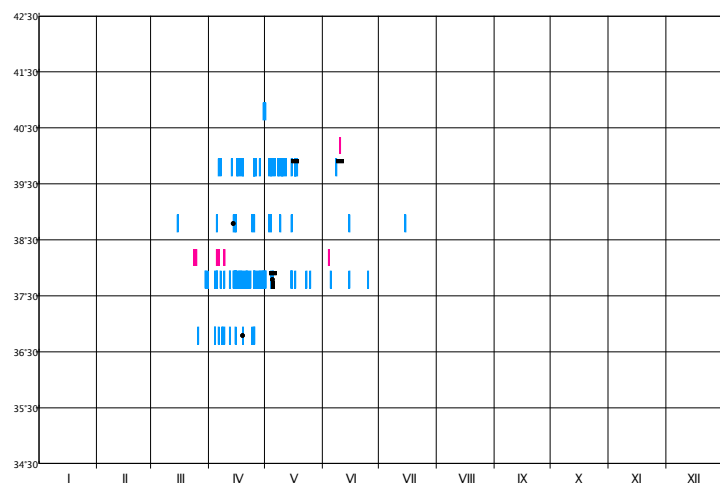
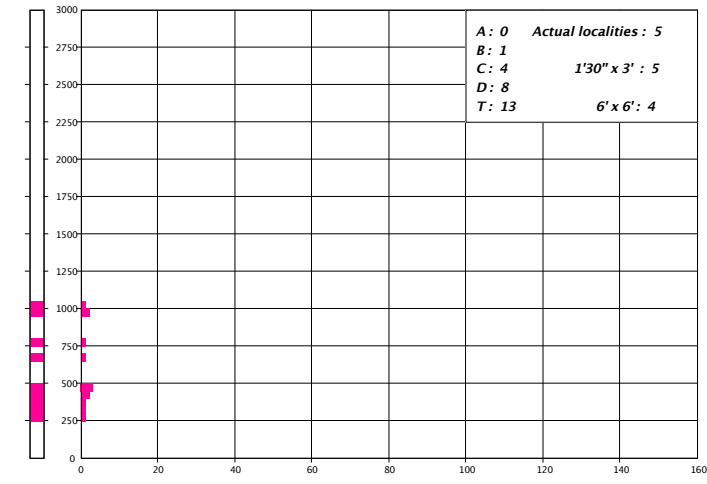
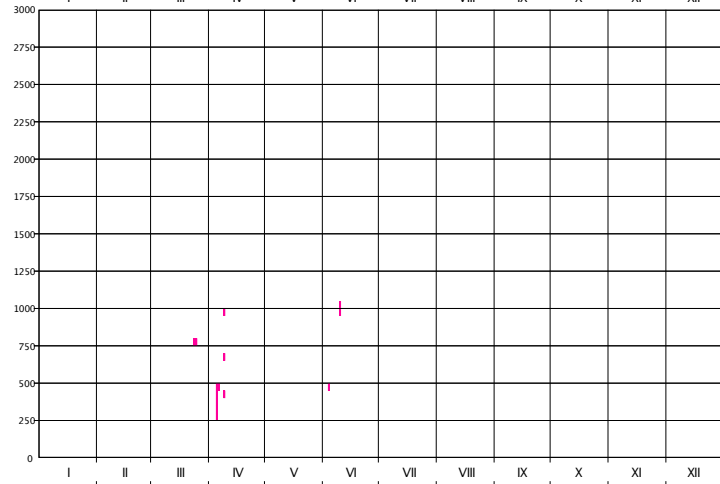
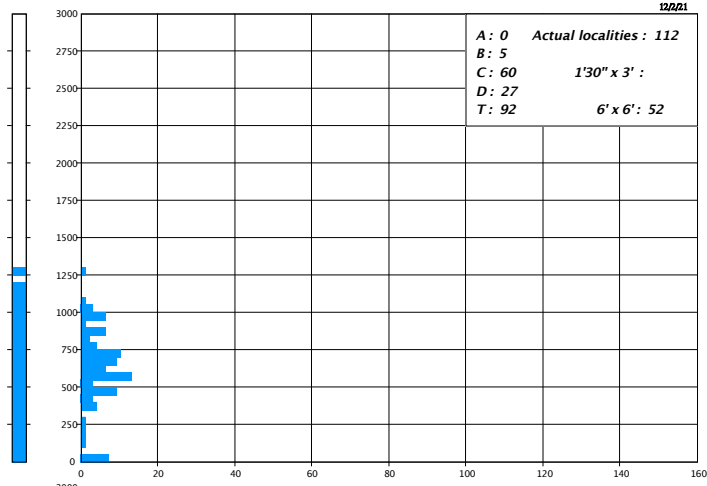
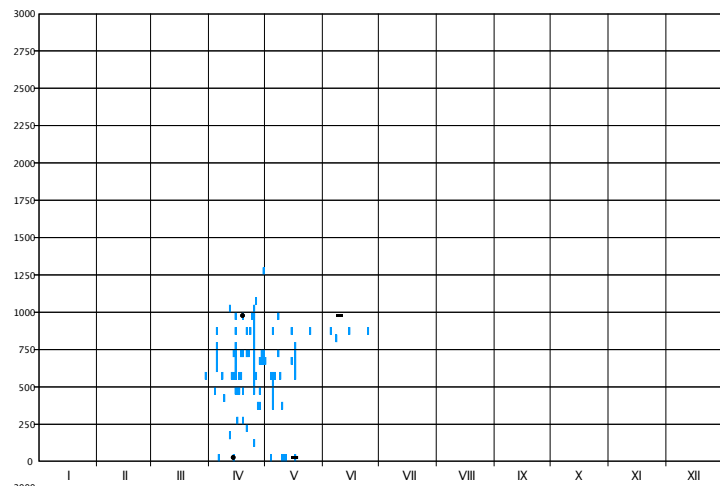
**PIERIDAE *Anthocharis gruneri***



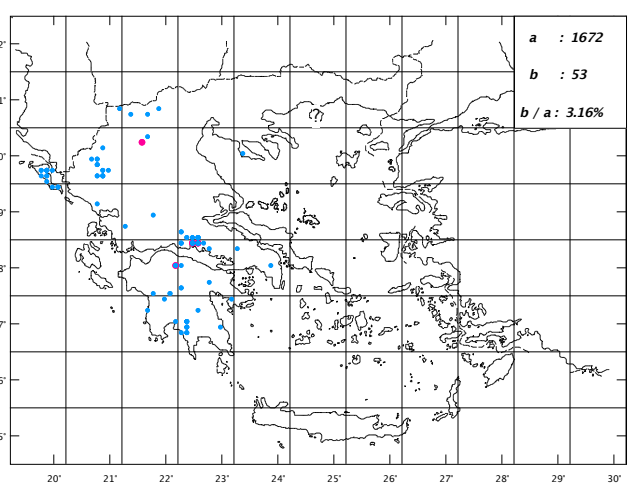


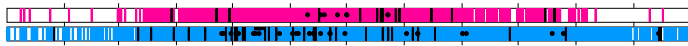
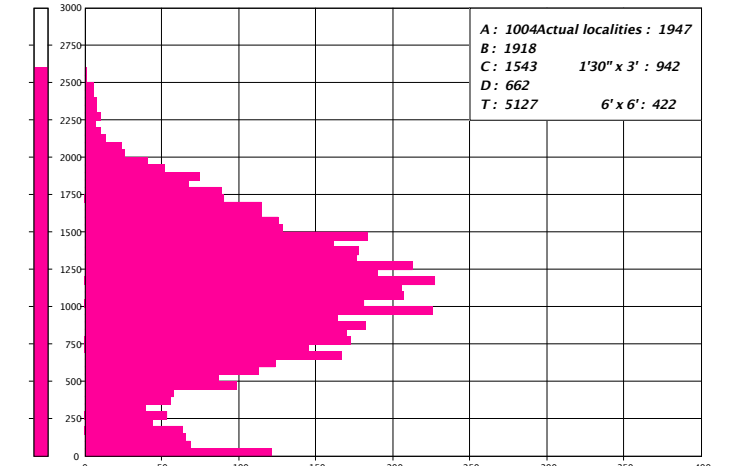
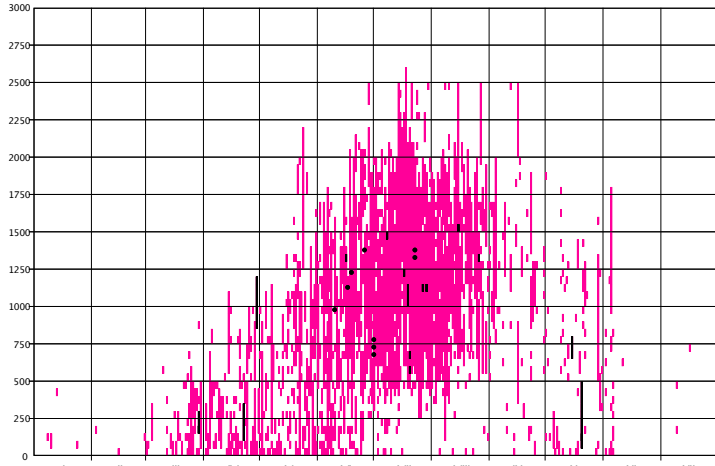
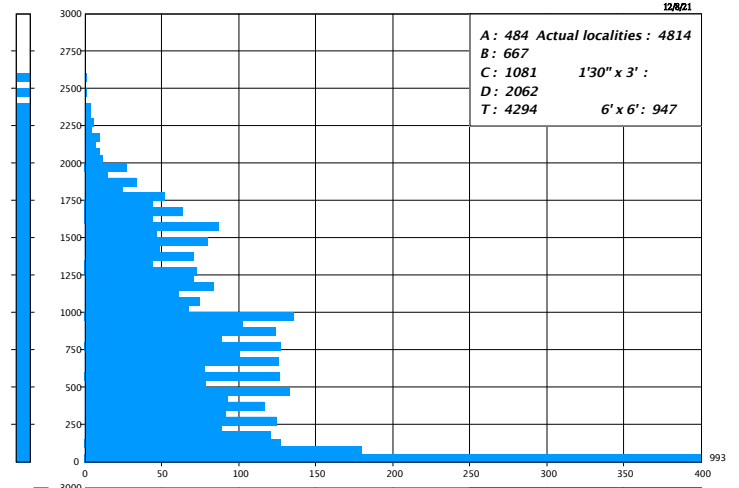
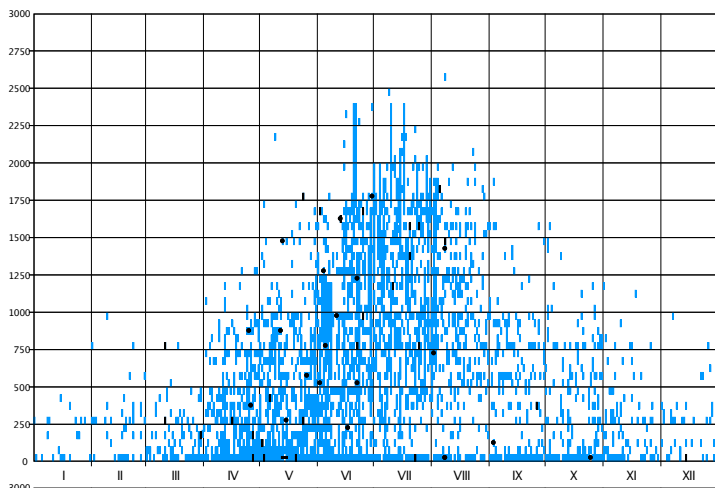
**PIERIDAE *Anthocharis cardamines***



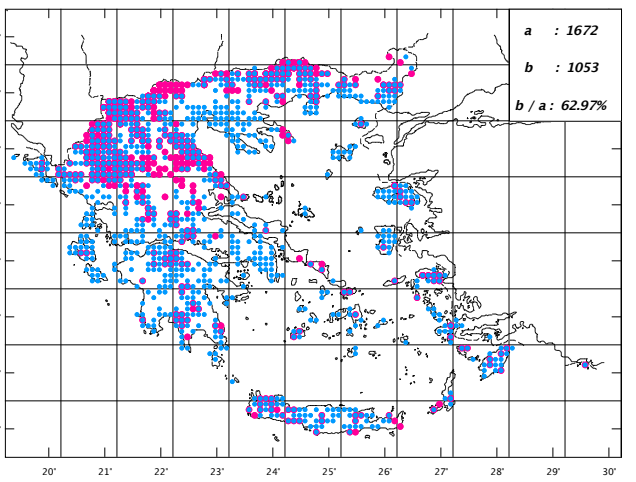
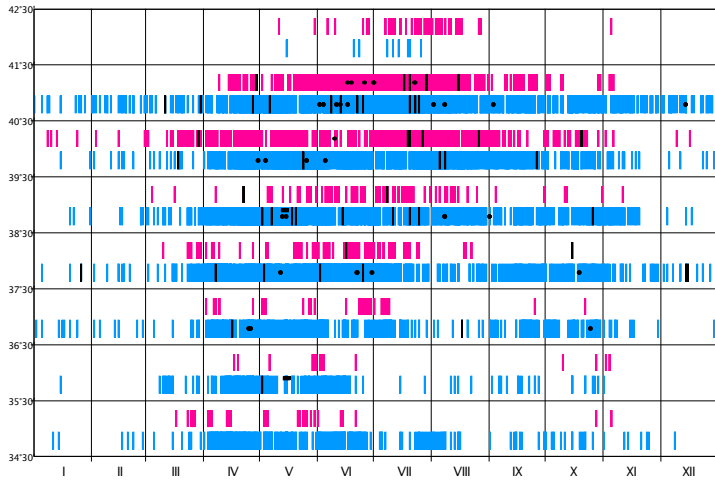


**PIERIDAE *Anthocharis damone***

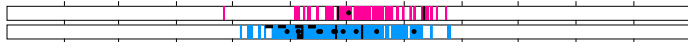
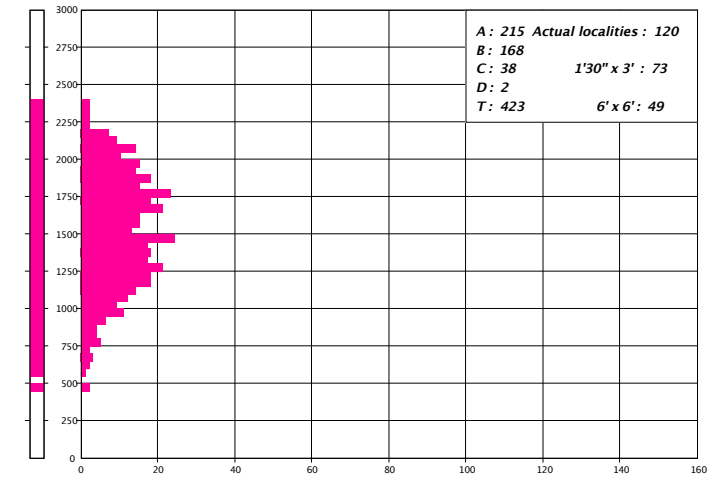
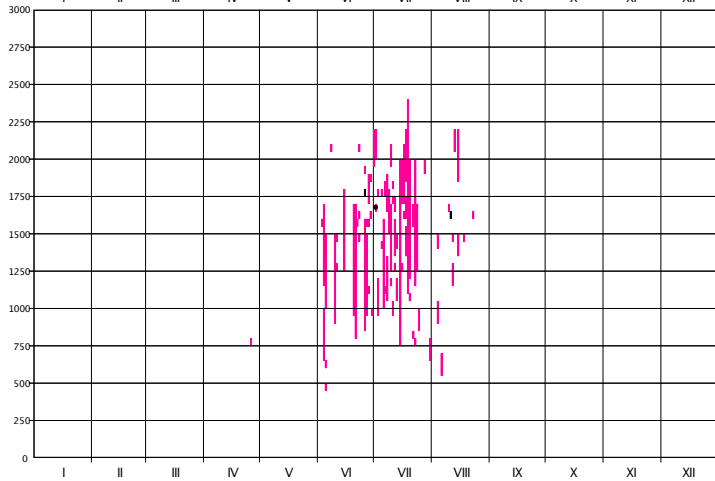
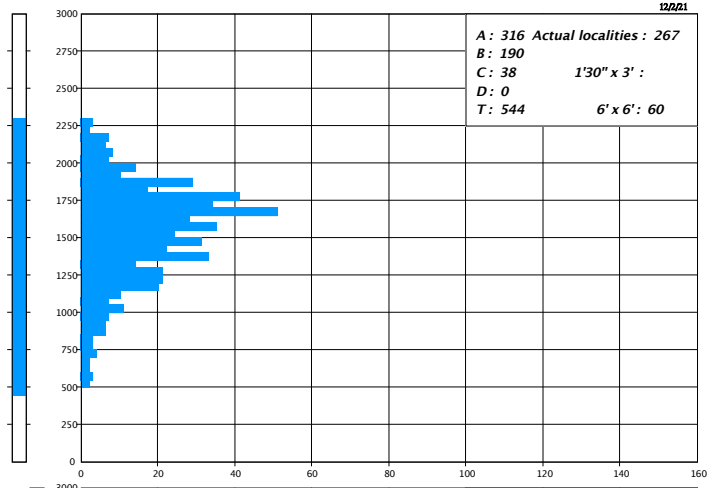
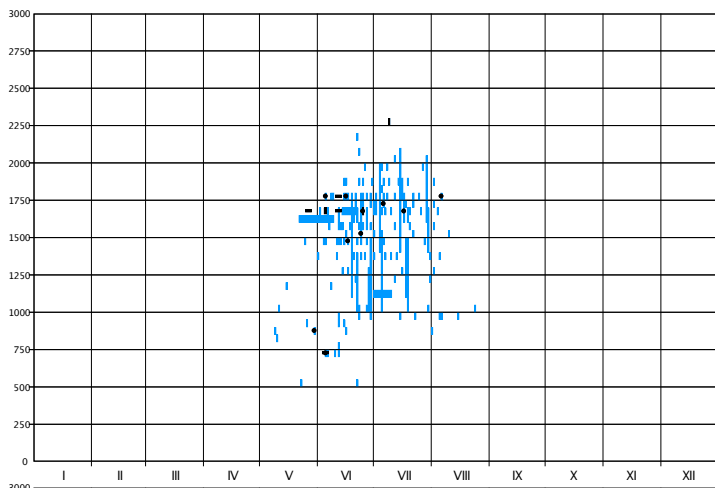




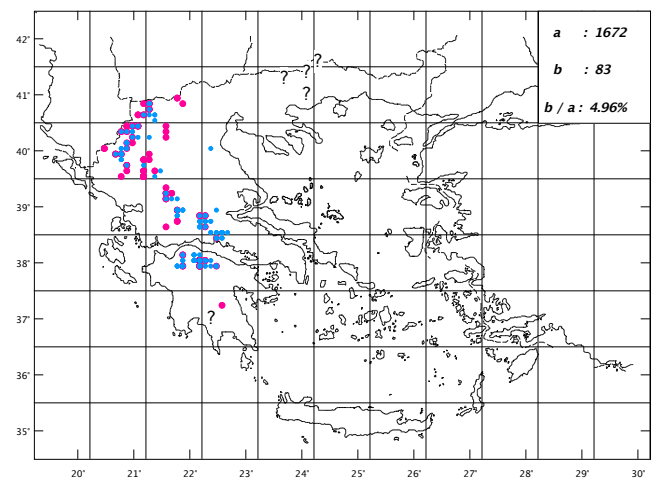
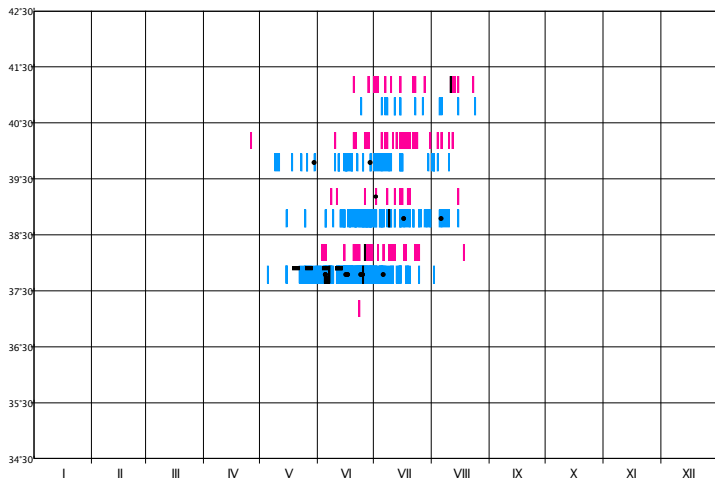
PIERIDAE *Colias crocea*

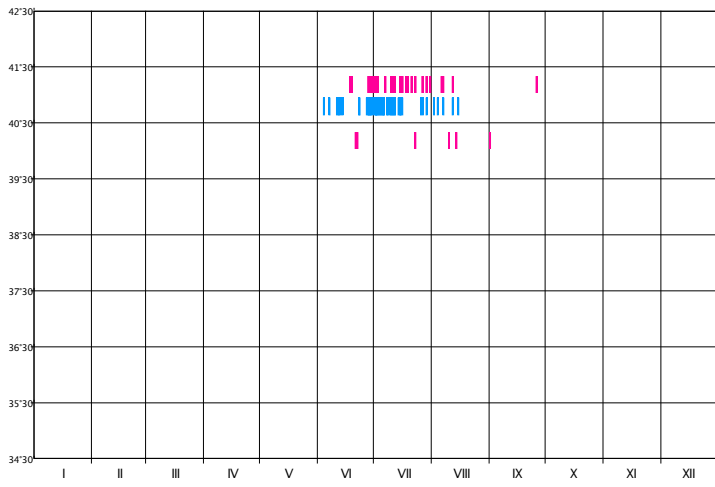
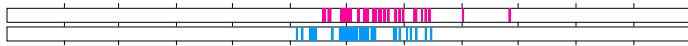
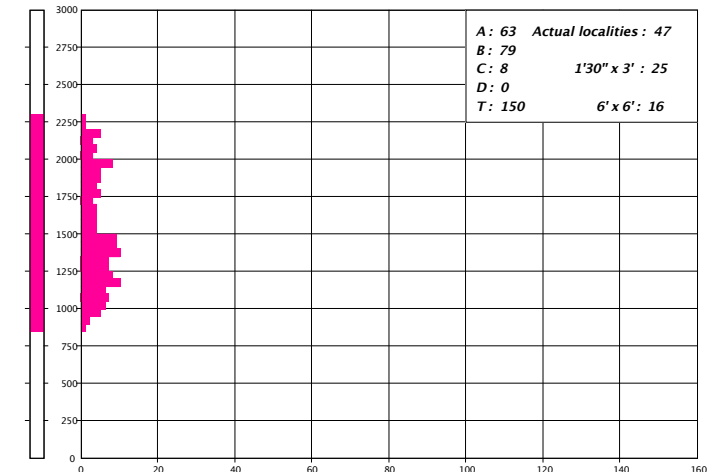
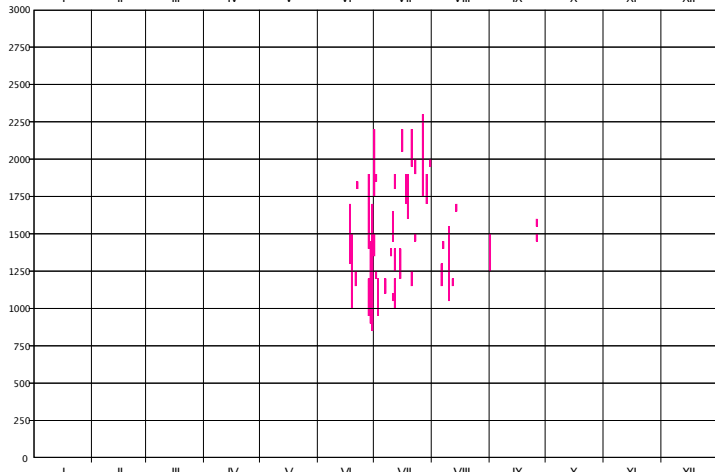
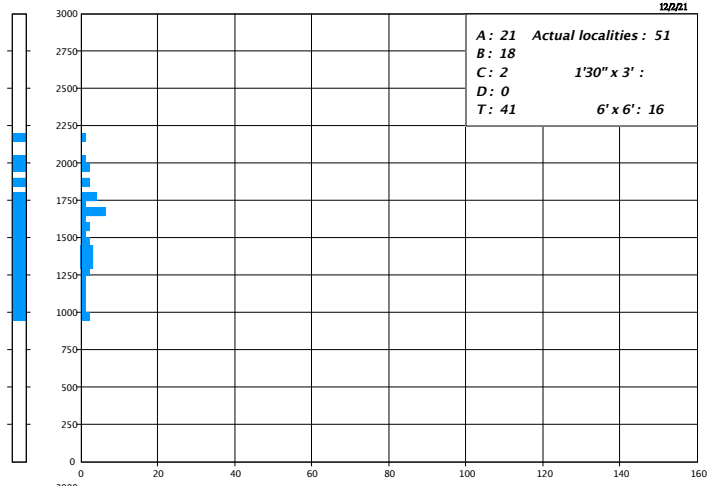
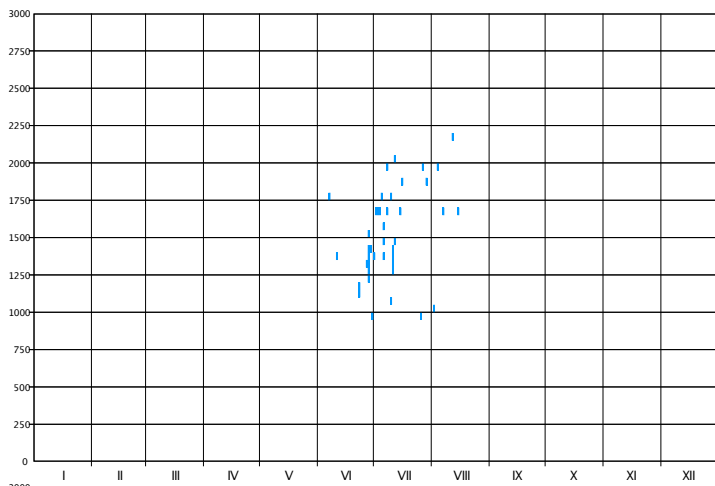


[http://www.pamperis.gr/PHOTOGRAPHS/Colias\\_crocea\\_erate\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Colias_crocea_erate_complex.html)

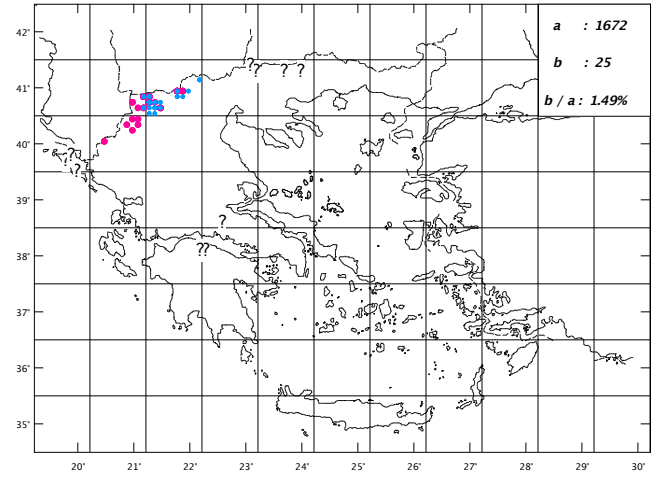


**PIERIDAE *Colias aurorina***

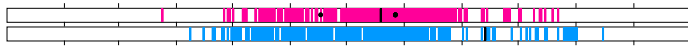
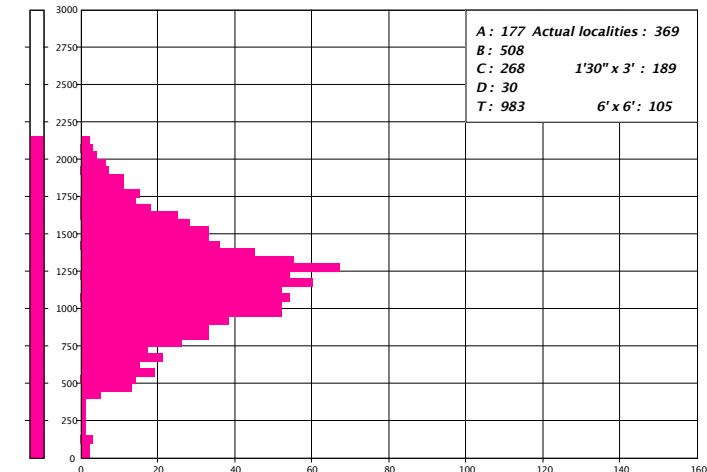
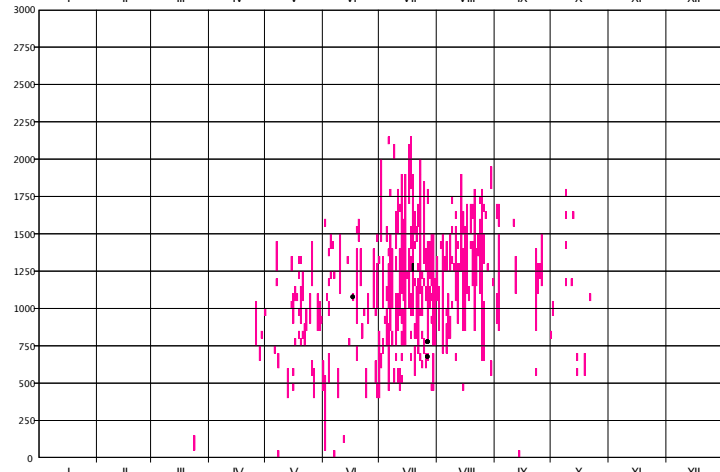
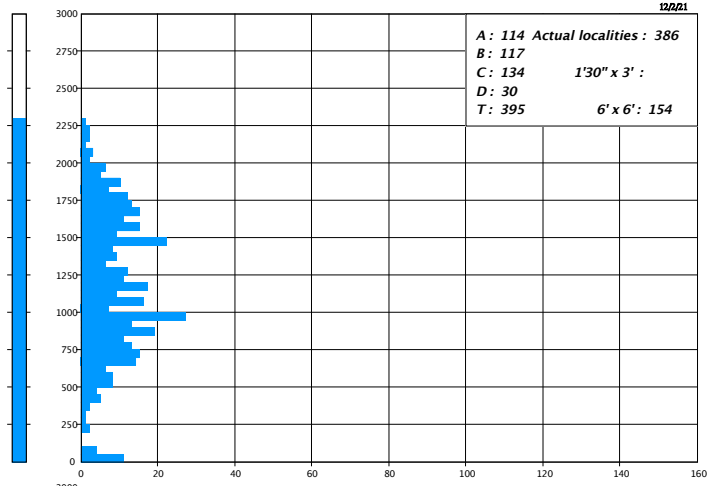
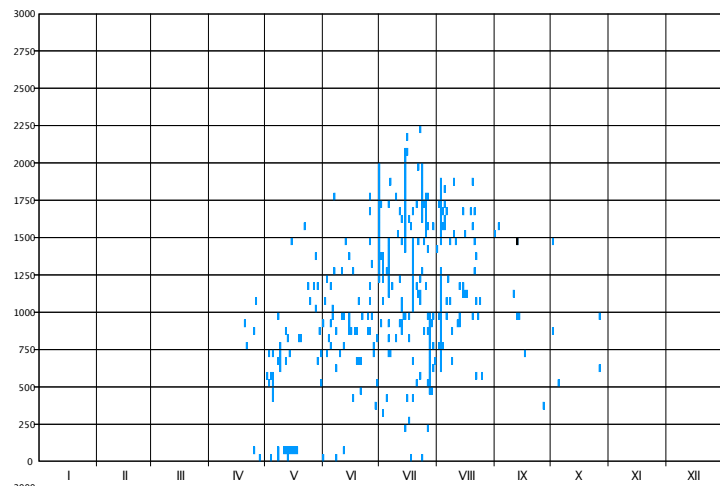




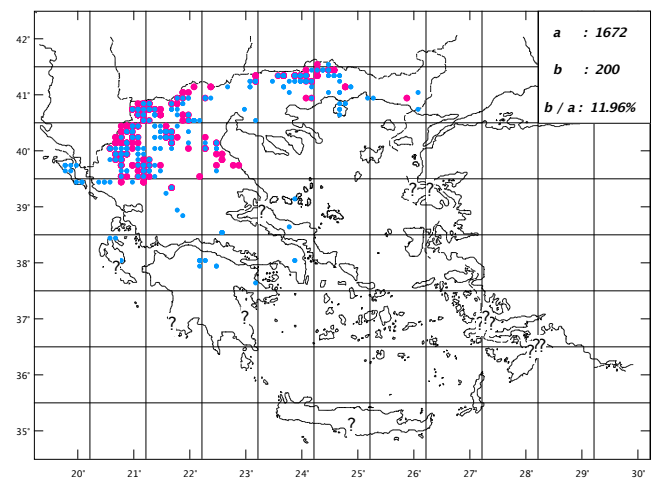
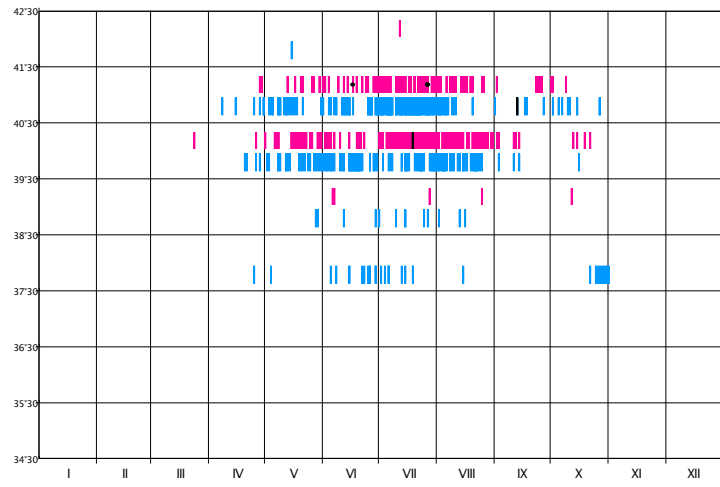
**PIERIDAE *Colias caucasica***

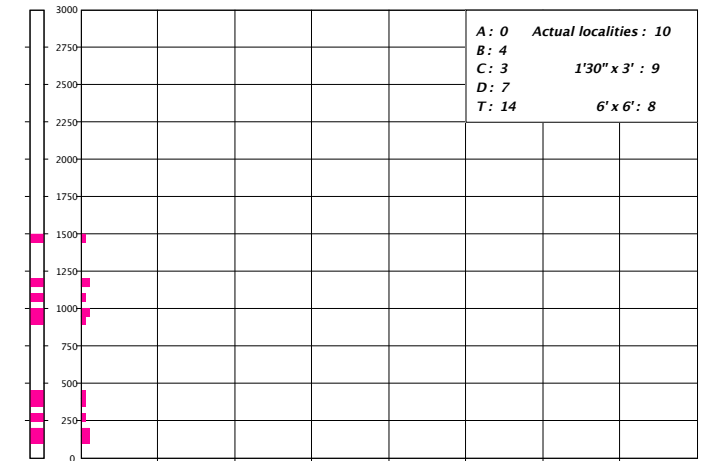
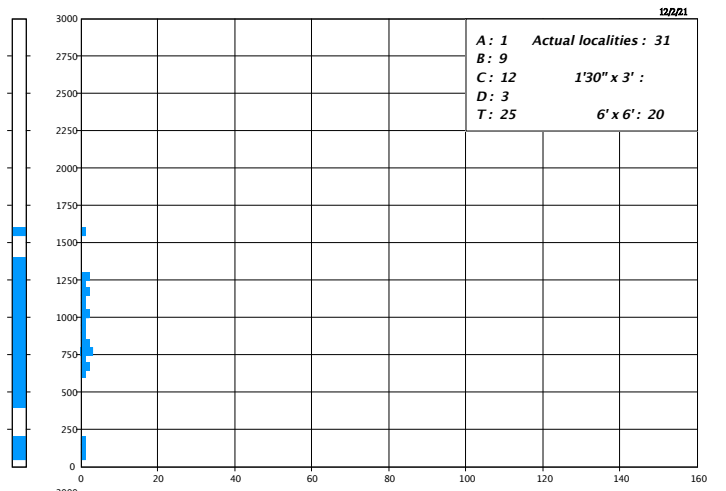
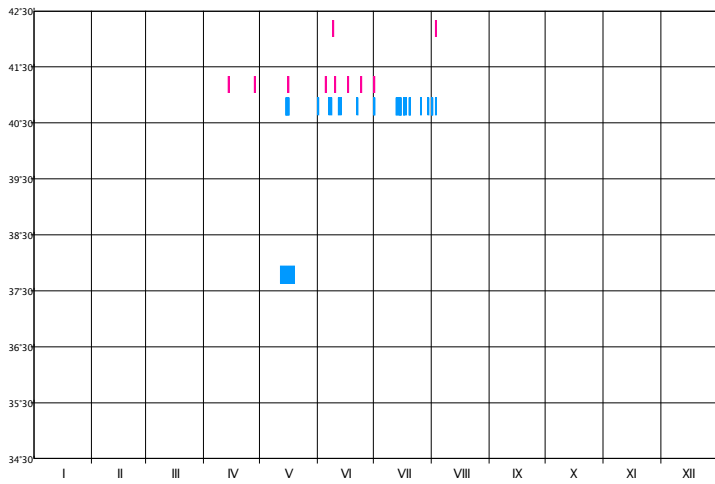
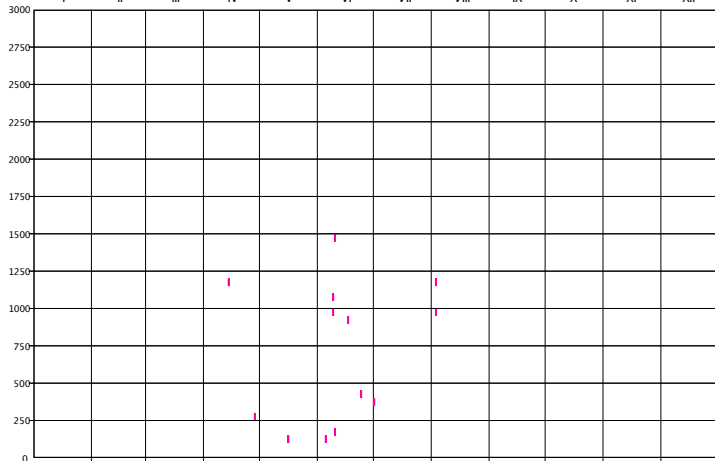
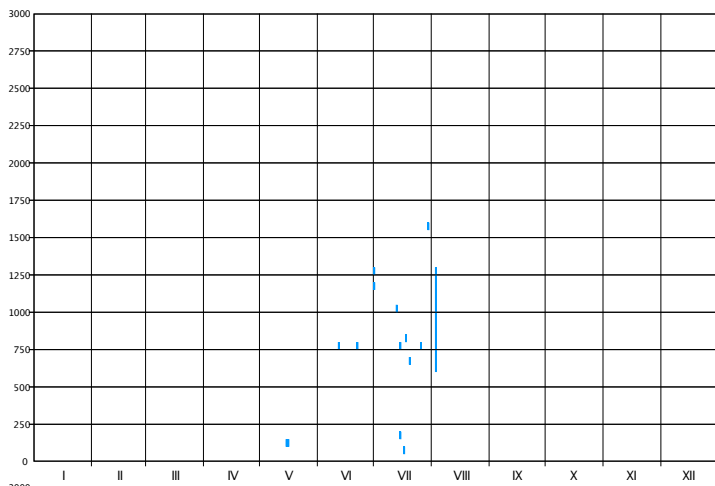




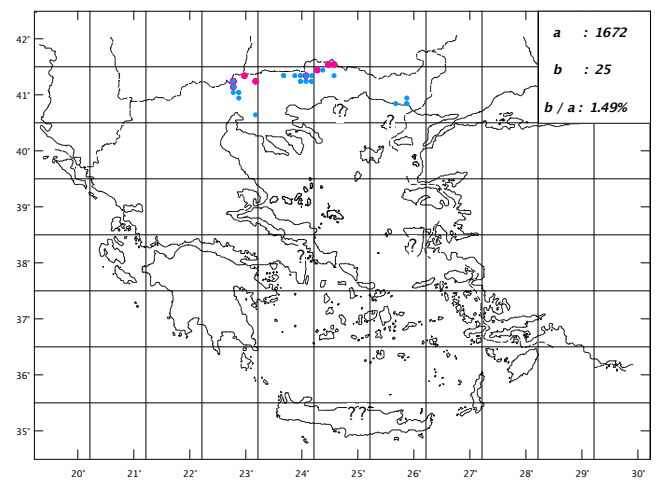


**PIERIDAE *Colias alfacariensis***



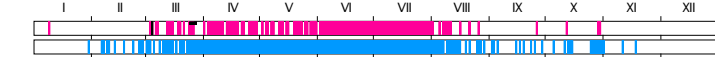
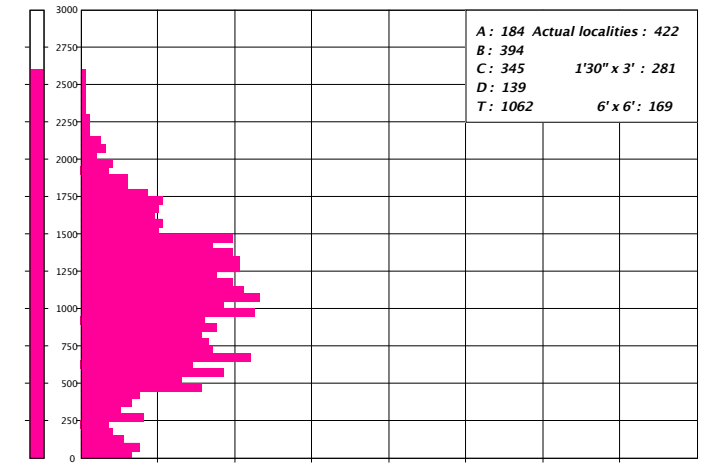
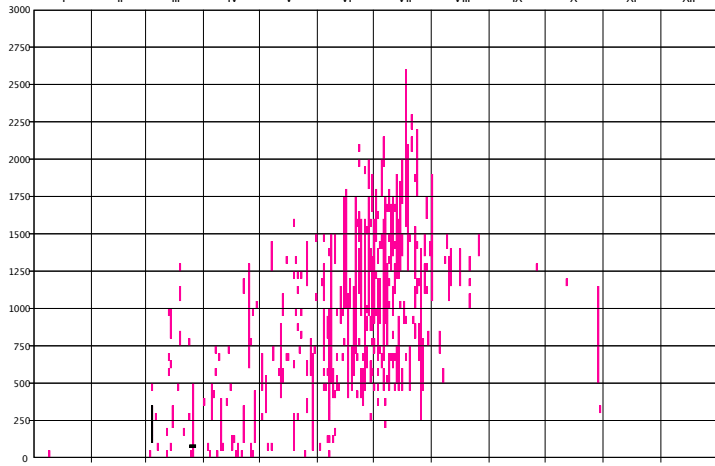
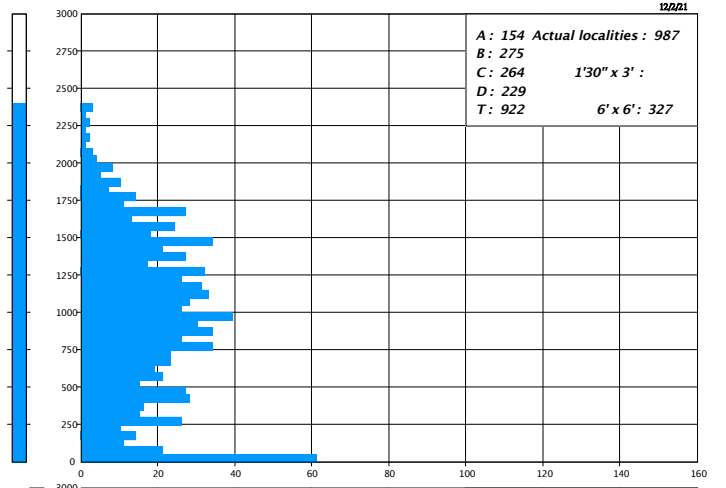
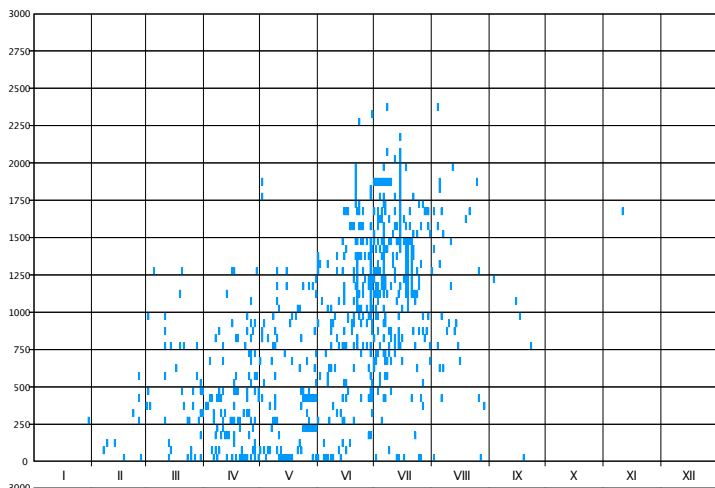


**PIERIDAE *Colias erate***

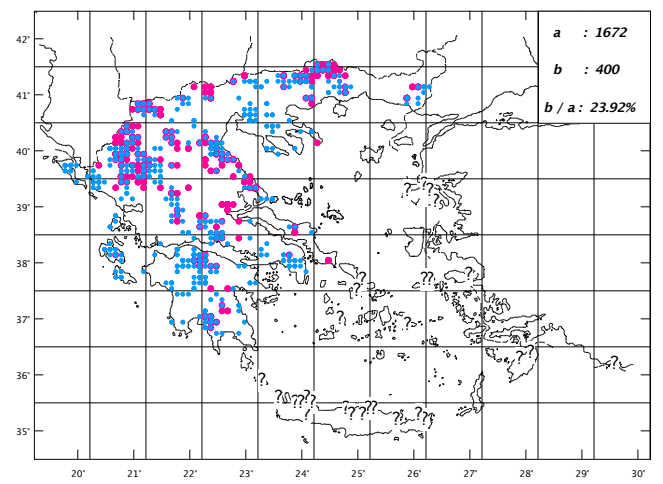
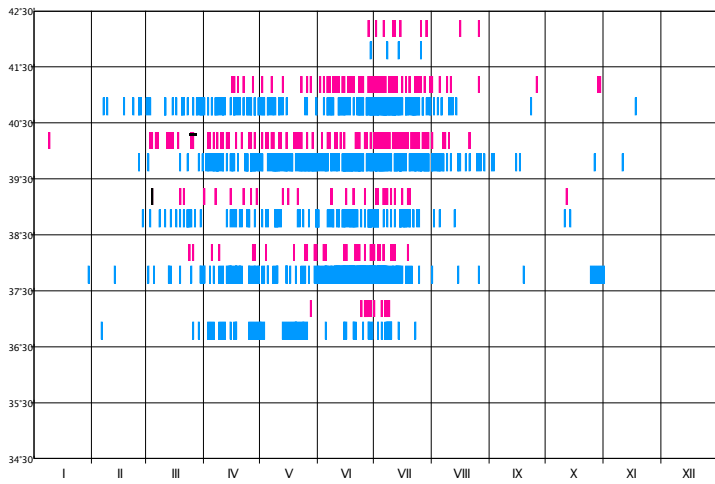


**Αμφίβολη αναγνώριση / Identification Uncertain**

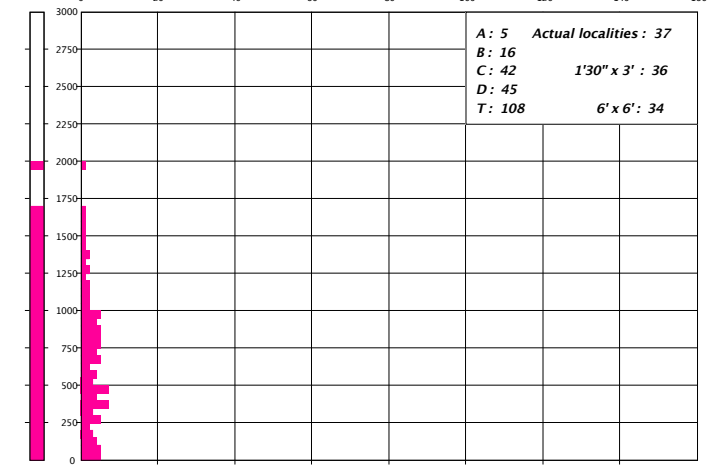
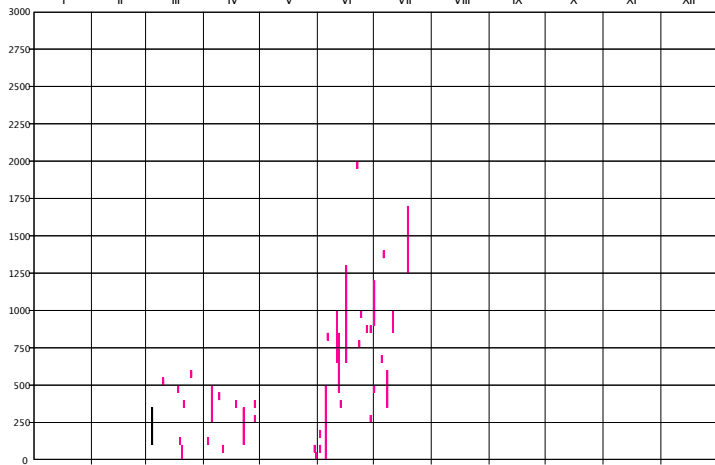
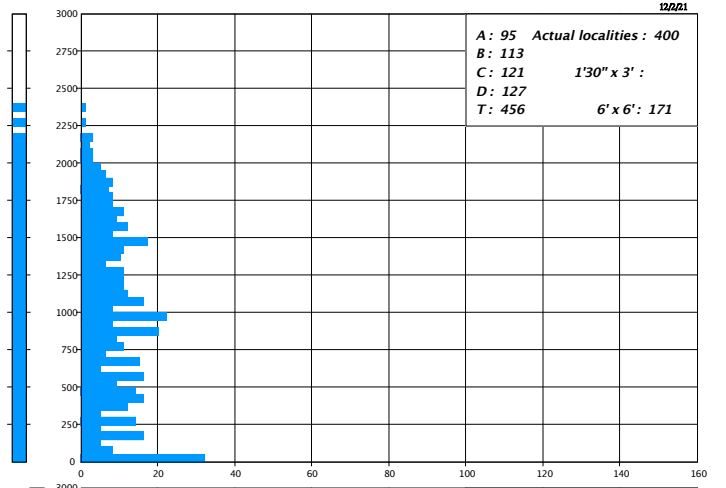
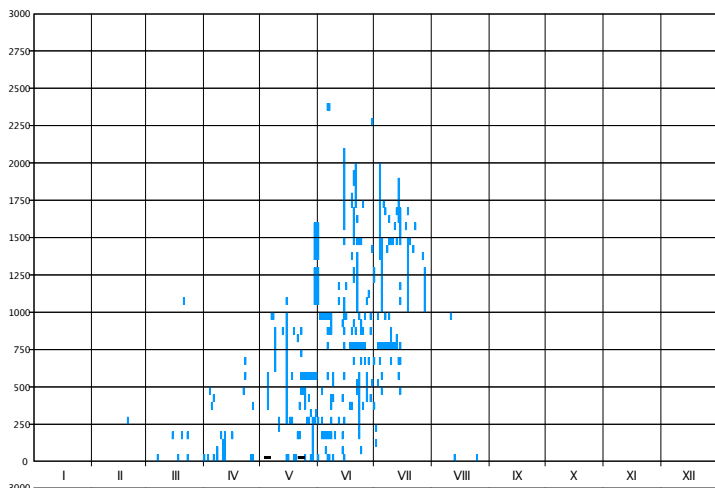
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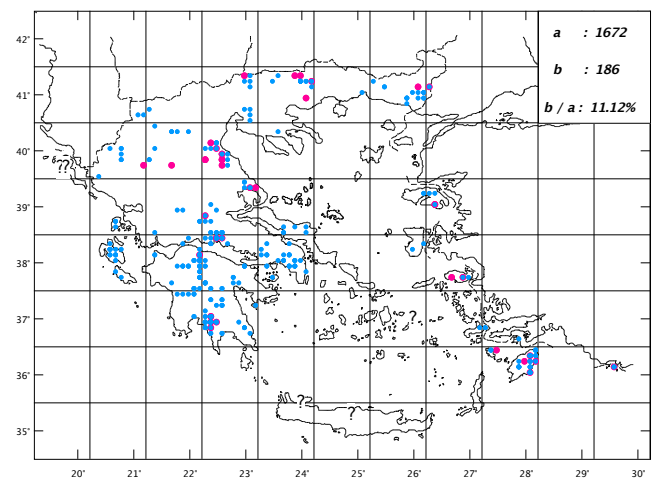
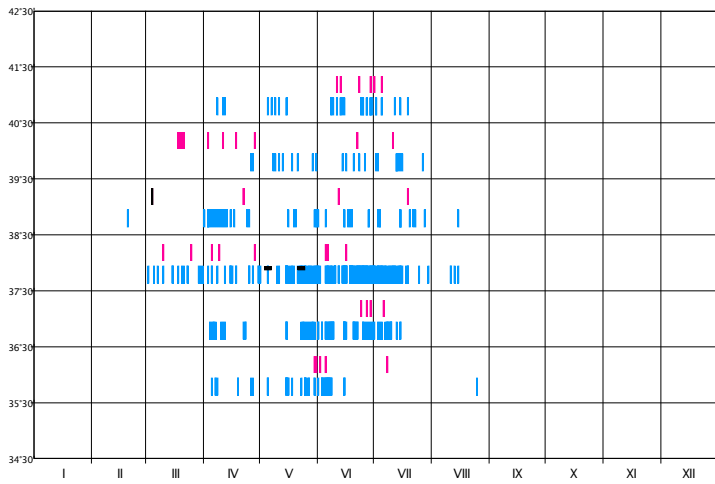
**PIERIDAE *Gonepteryx rhamni***



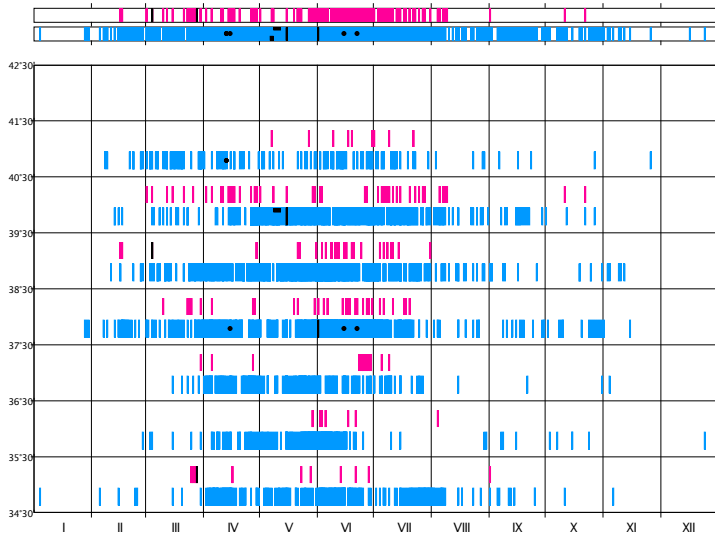
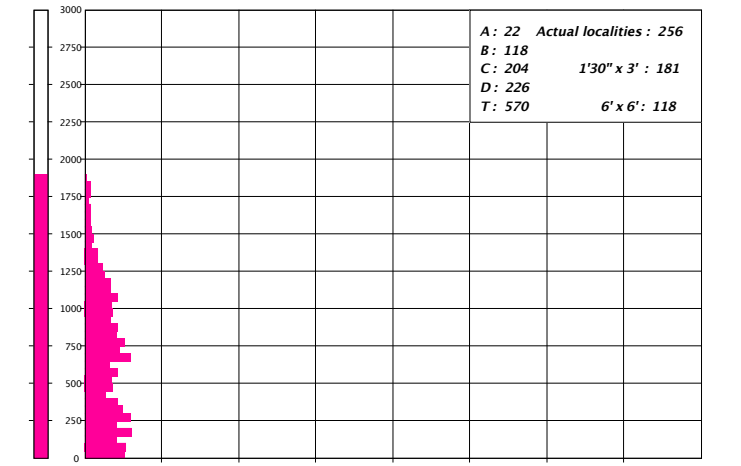
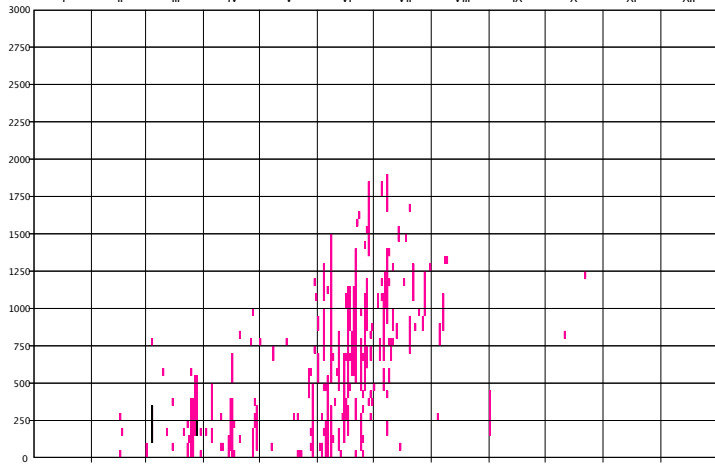
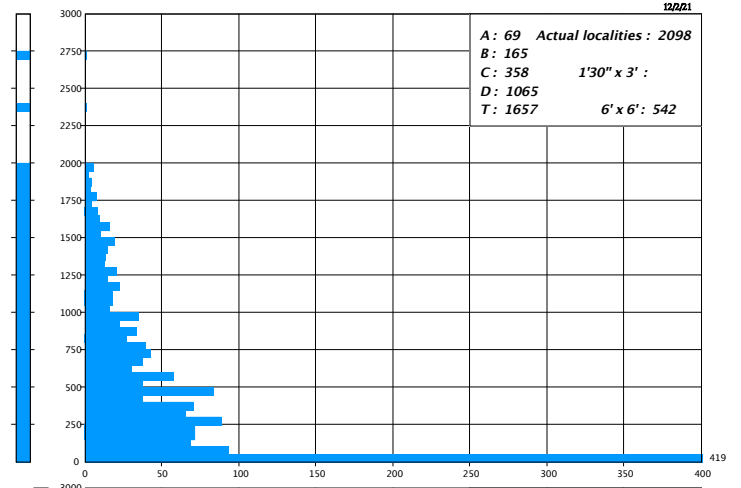
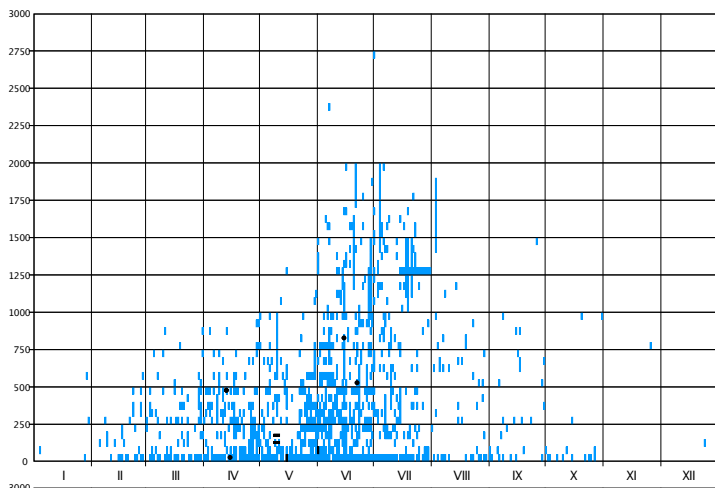
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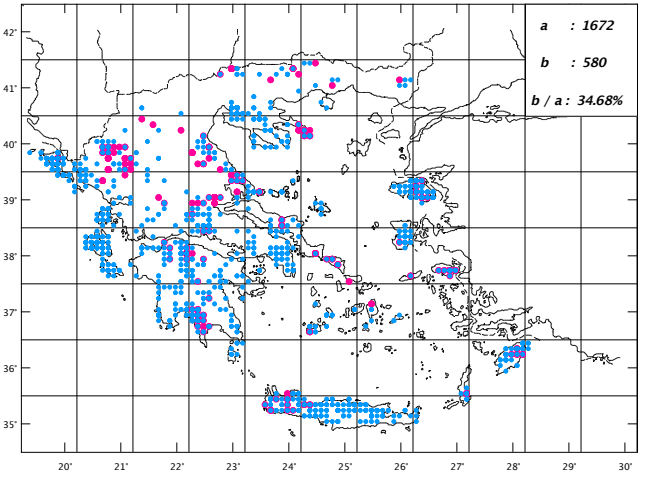
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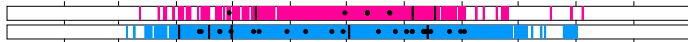
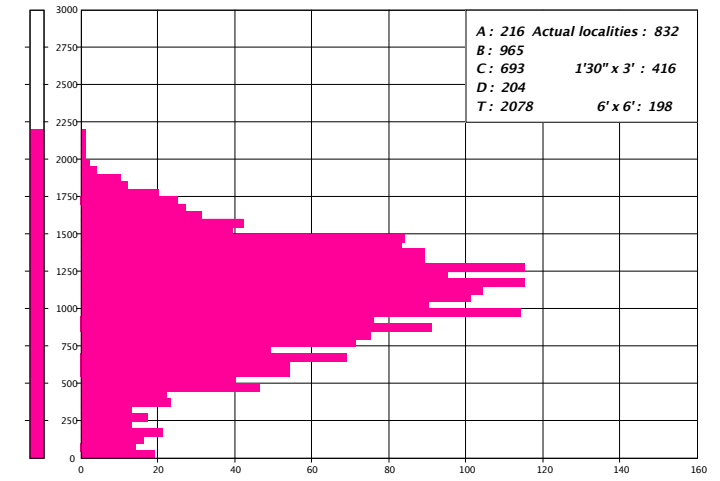
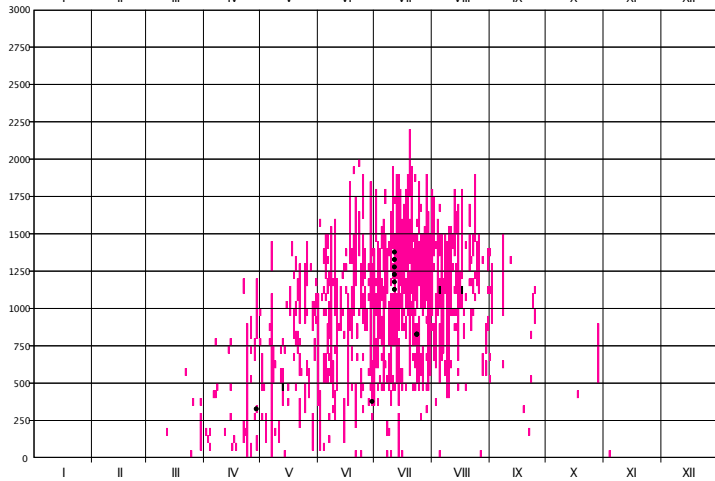
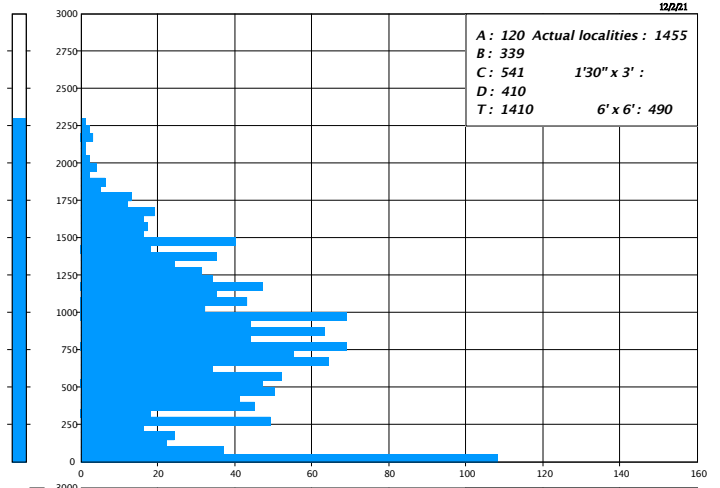
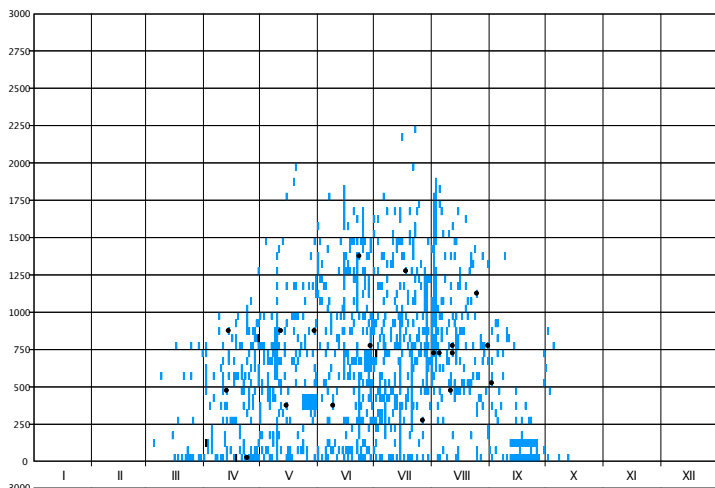
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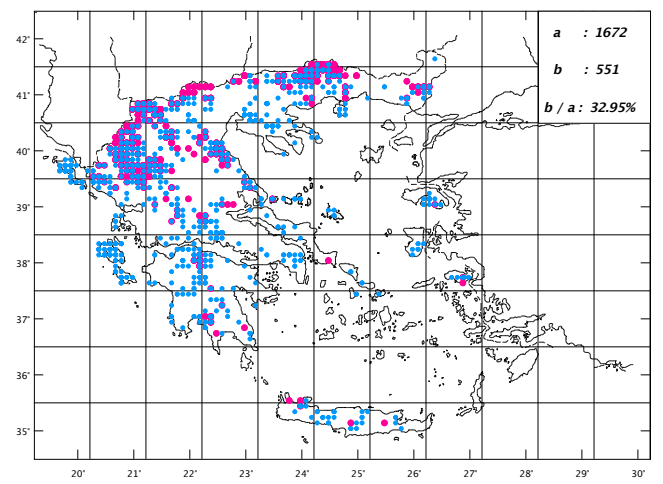
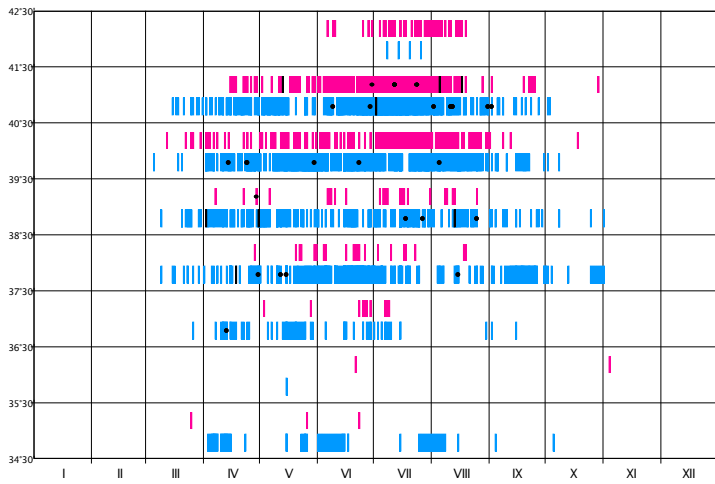
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<http://www.pamperis.gr/PHOTOGRAPHS/Gonepteryx.html>

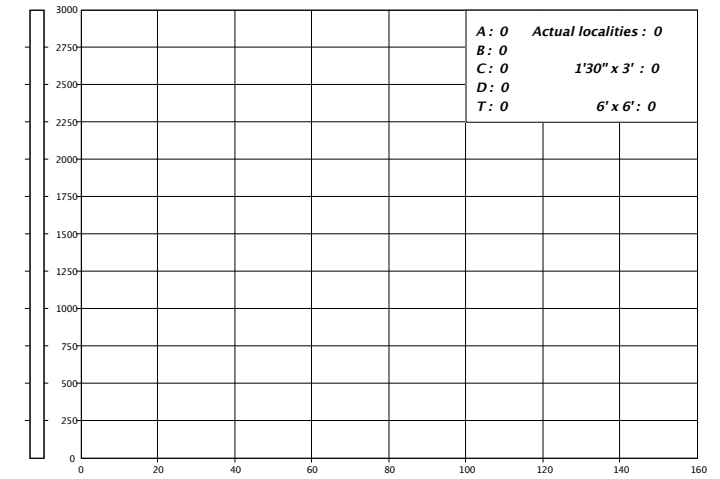
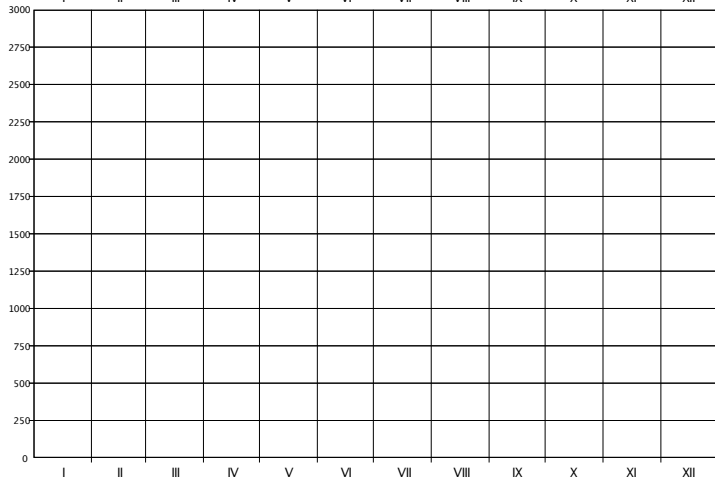
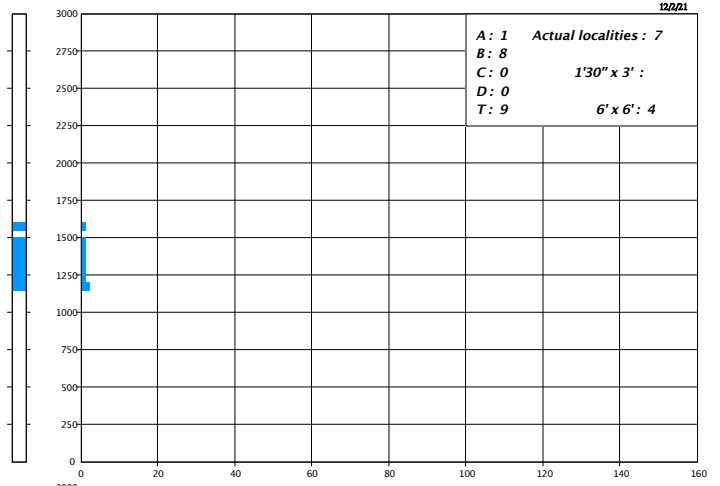
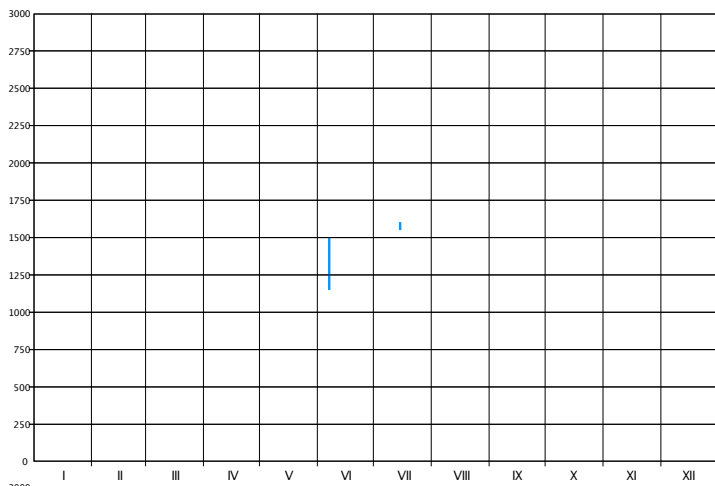


PIERIDAE *Leptidea sinapis*

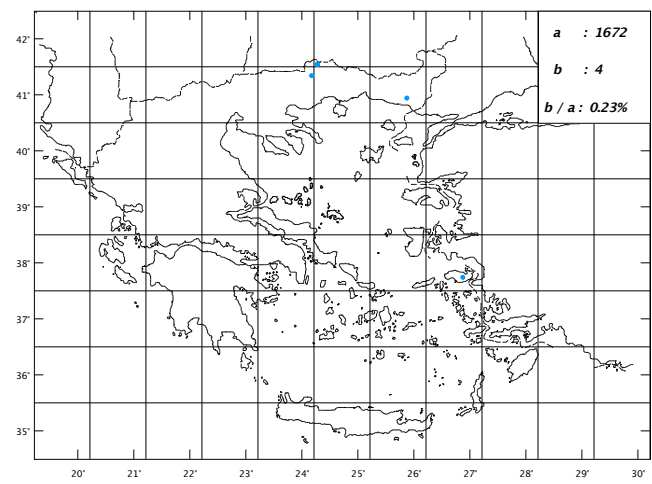
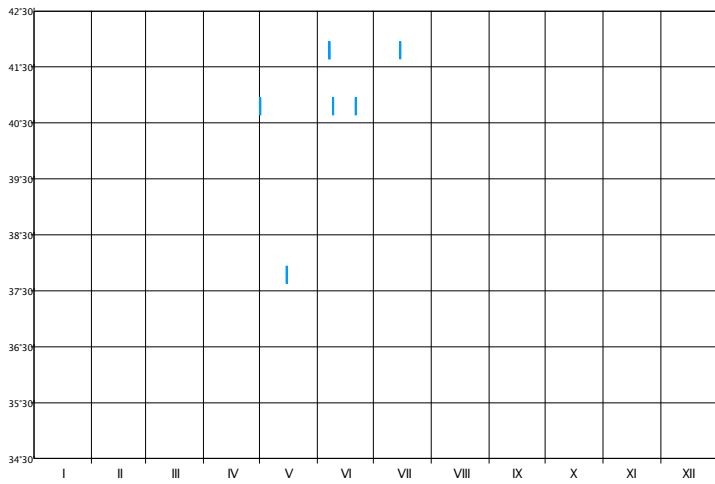


Αμφίβολη αναγνώριση / Identification Uncertain

[http://www.pamperis.gr/PHOTOGRAPHS/Lepidea\\_sinapis\\_juvernica\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Lepidea_sinapis_juvernica_complex.html)

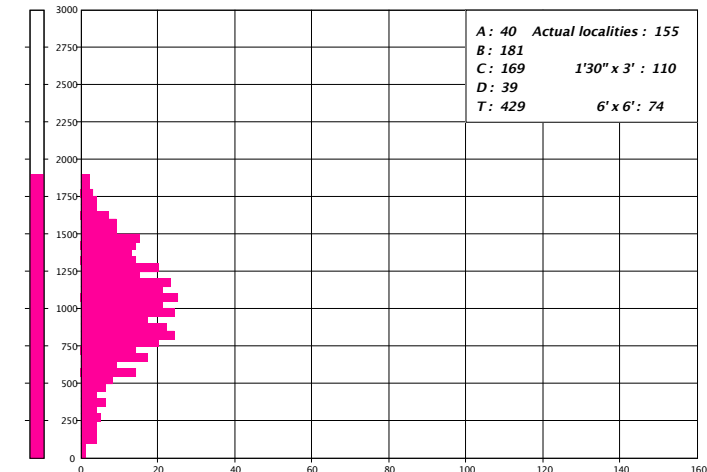
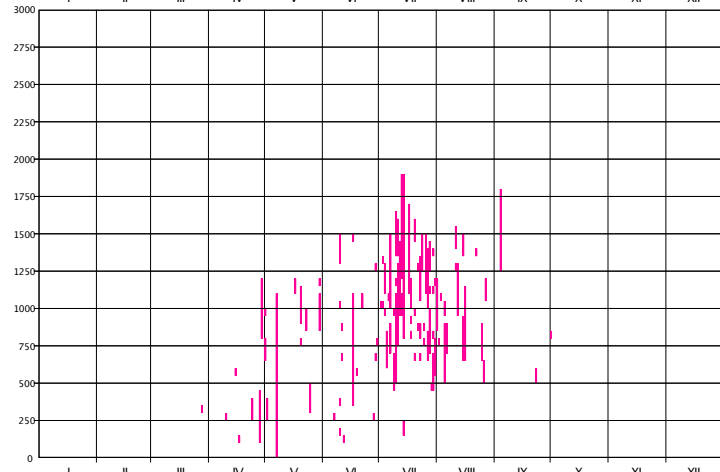
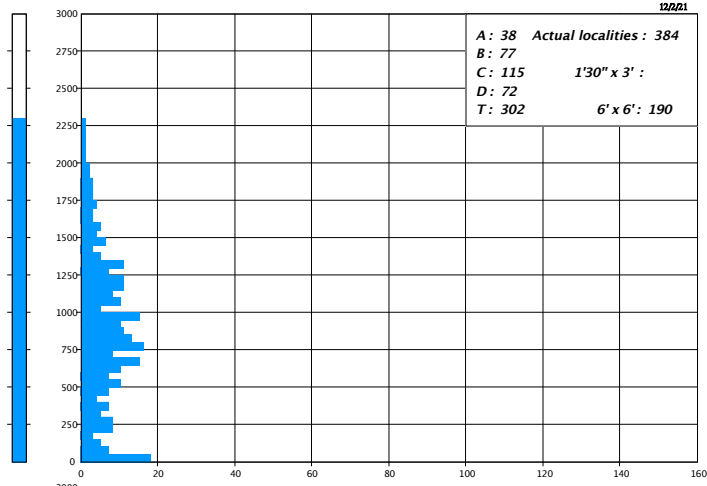
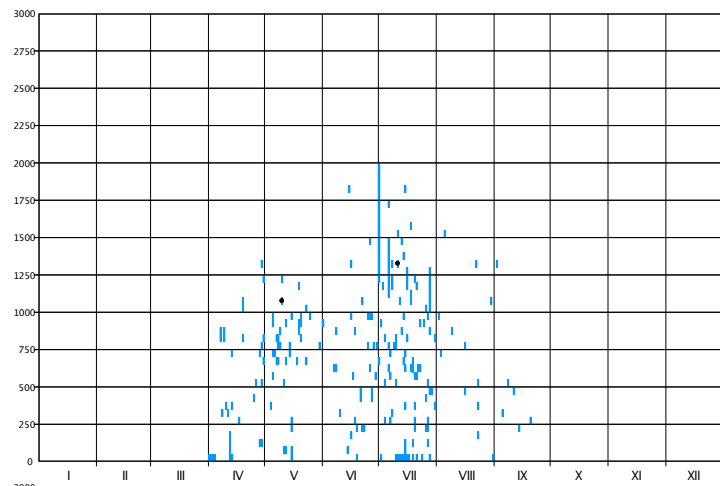


**PIERIDAE *Leptidea juvernica***

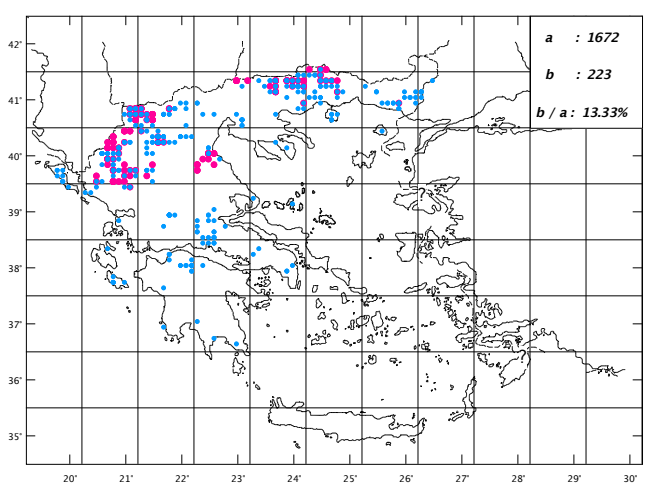
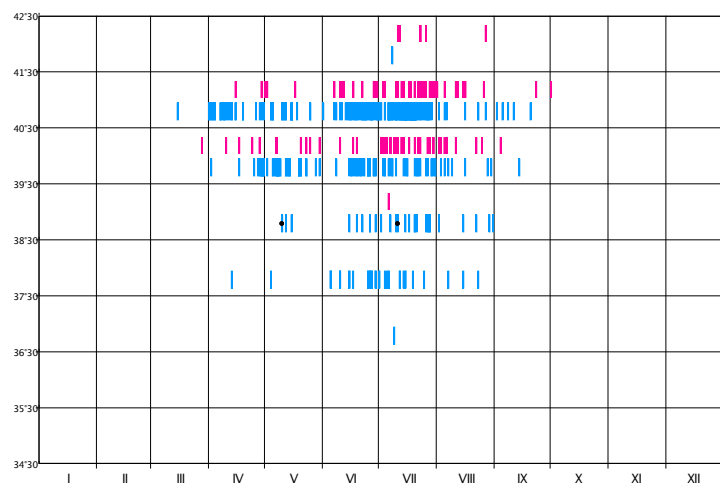


**Αμφίβολη αναγνώριση / Identification Uncertain**

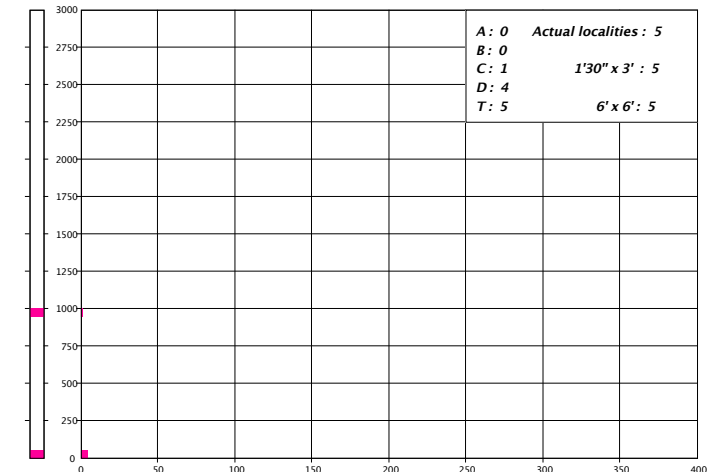
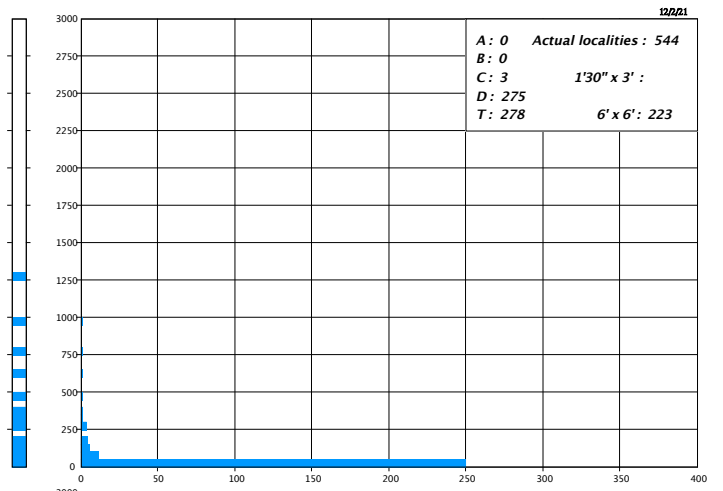
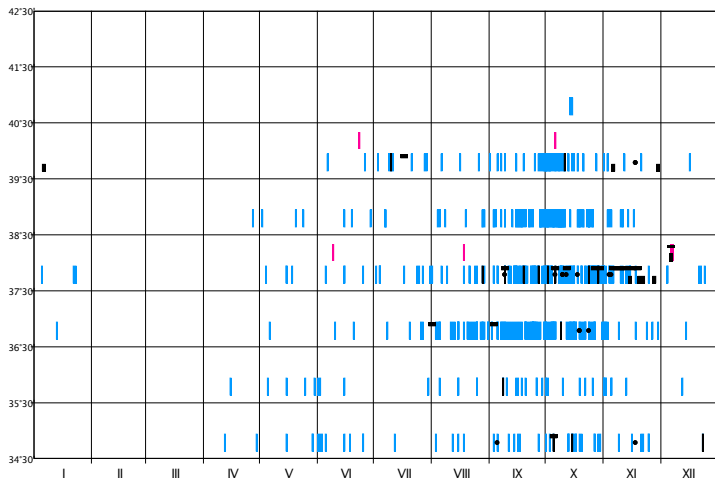
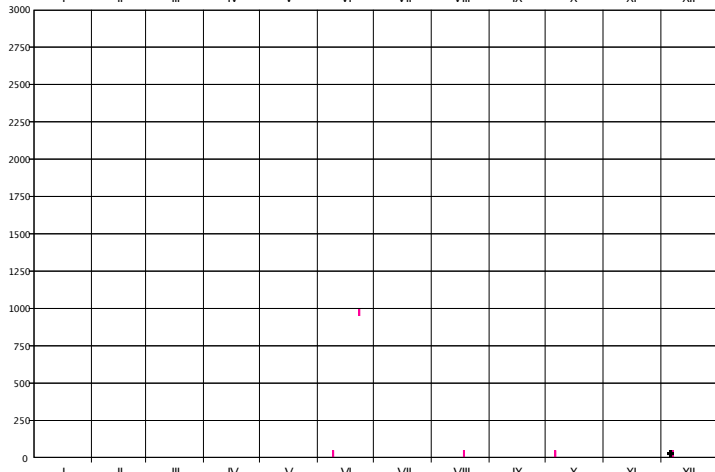
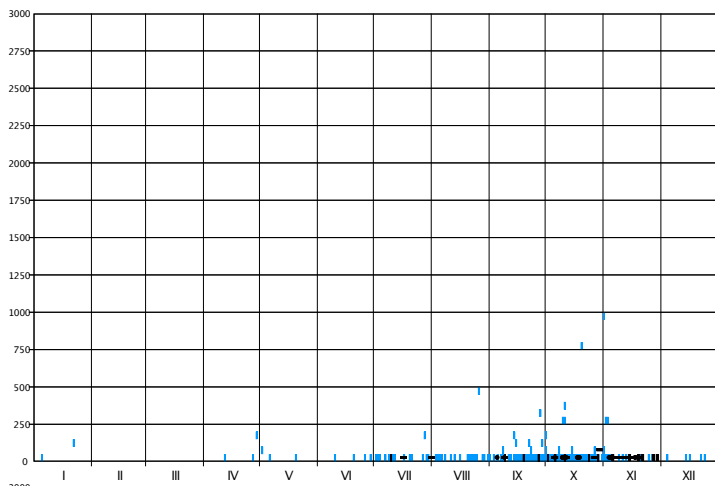
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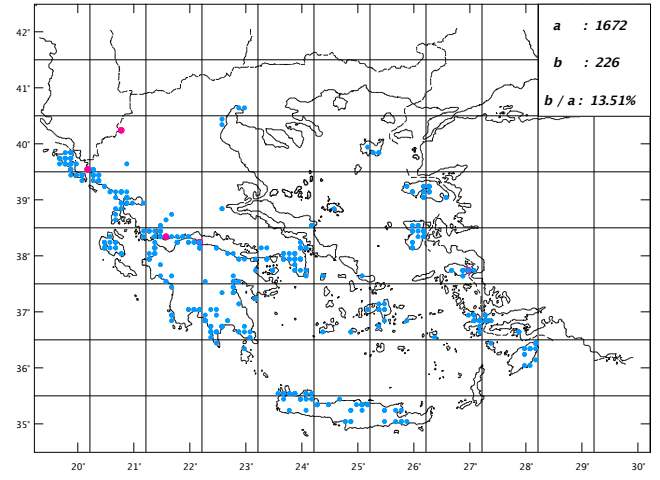
**PIERIDAE *Leptidea duponcheli***

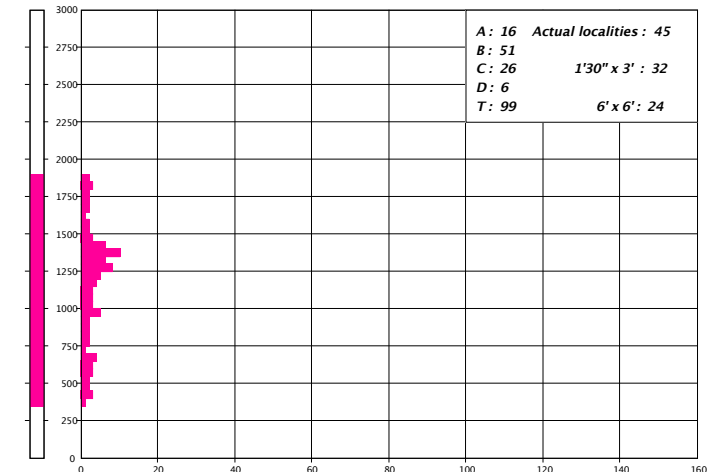
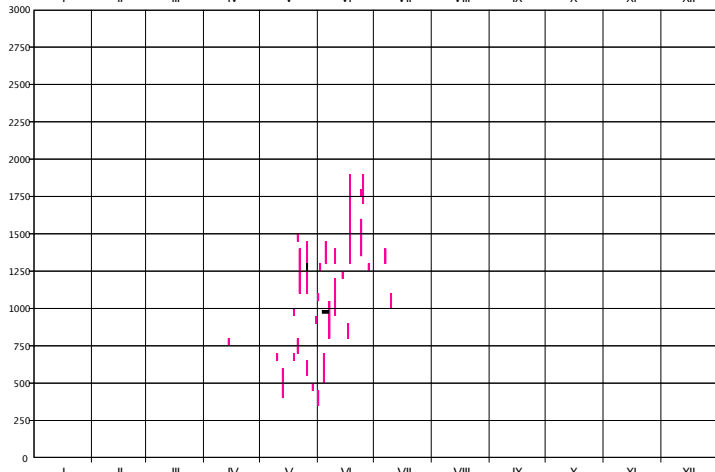
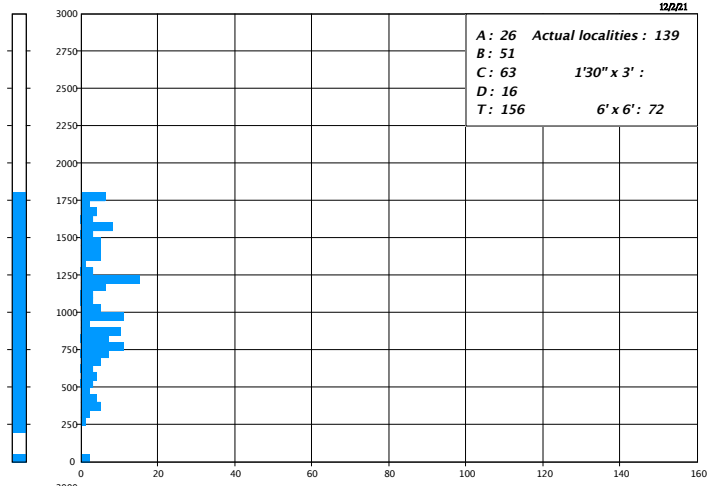
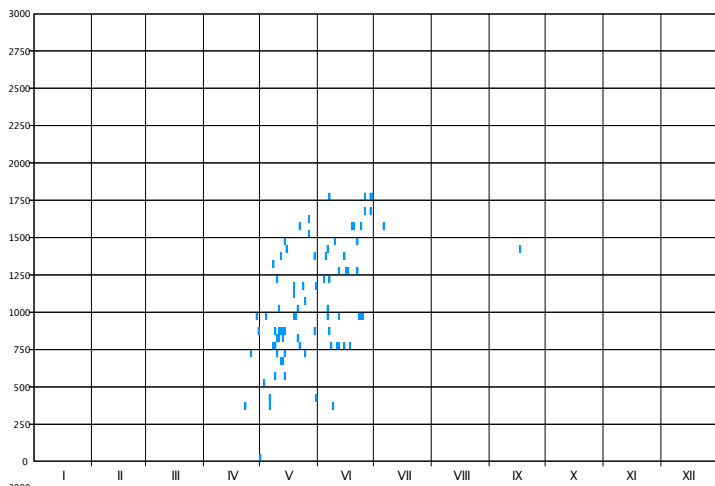




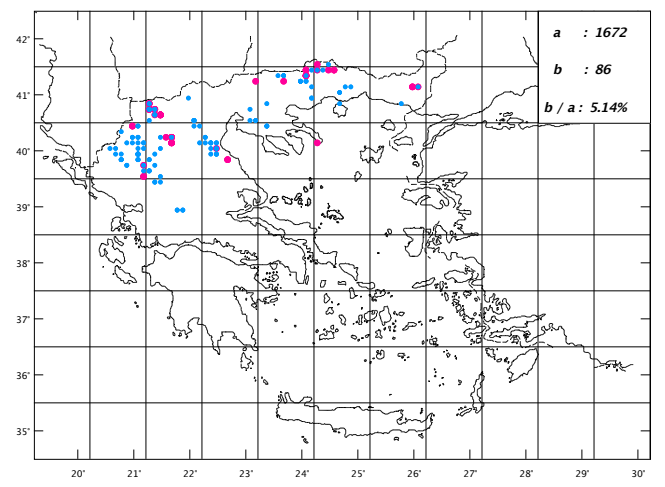
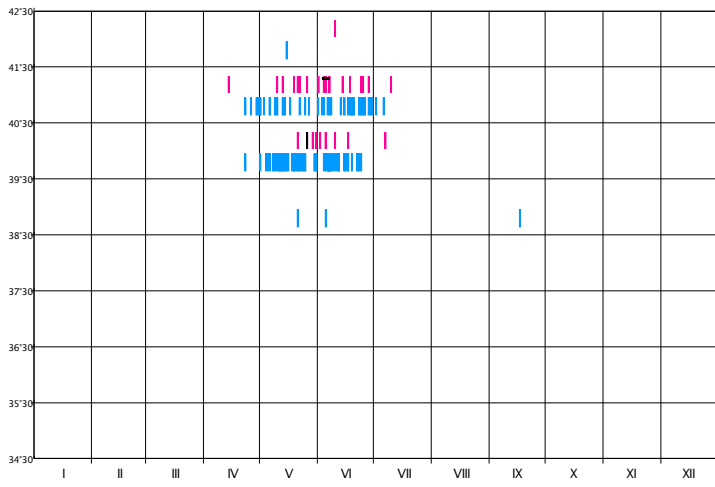


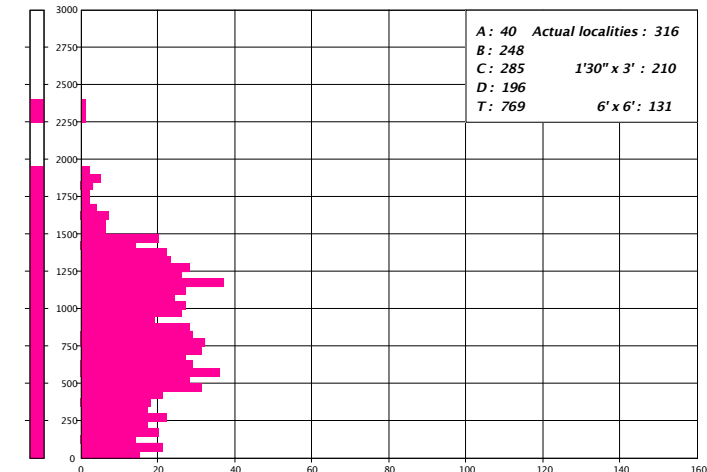
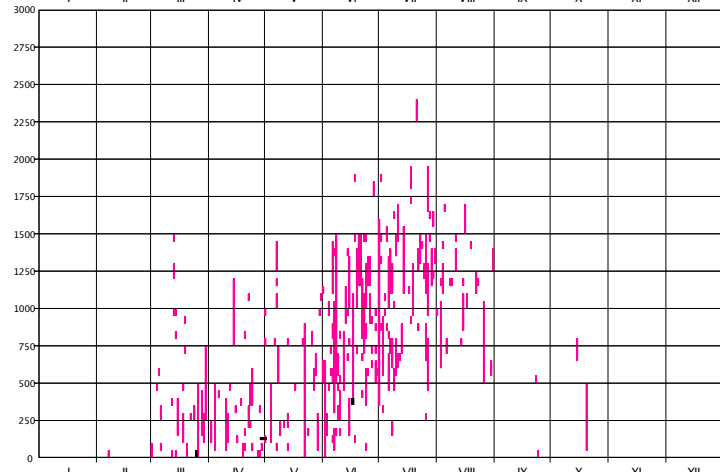
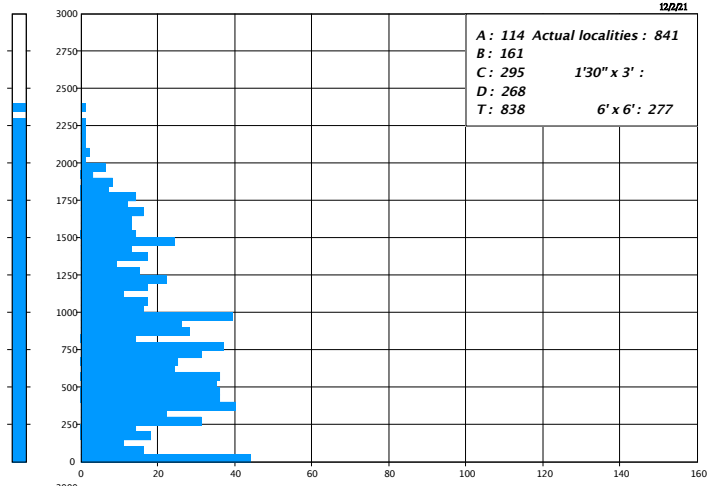
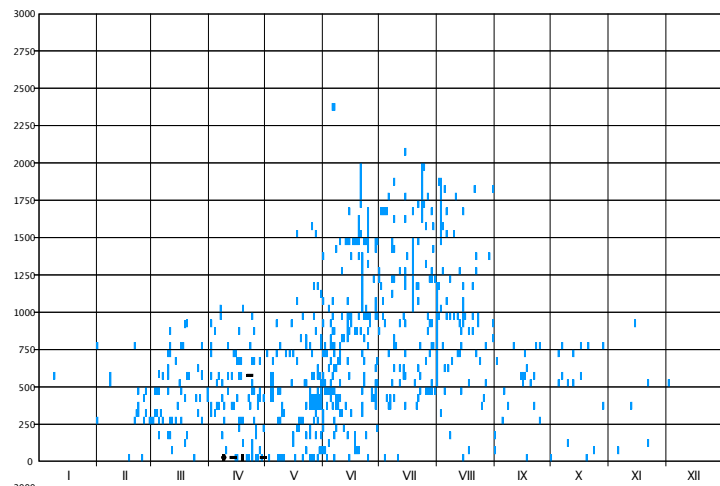
**DANAIDAE *Danaus chrysippus***



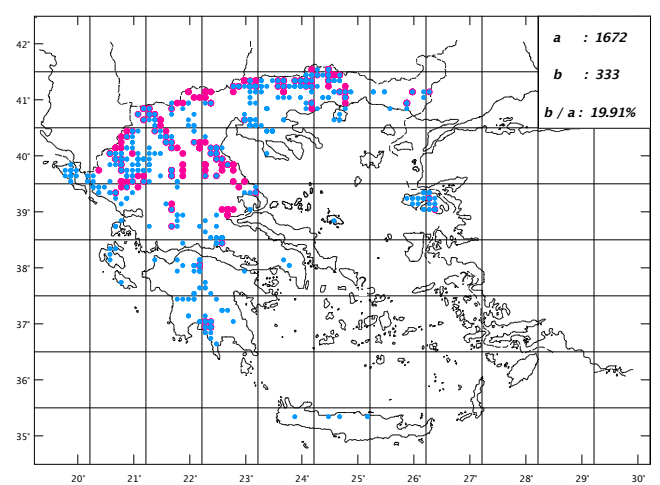
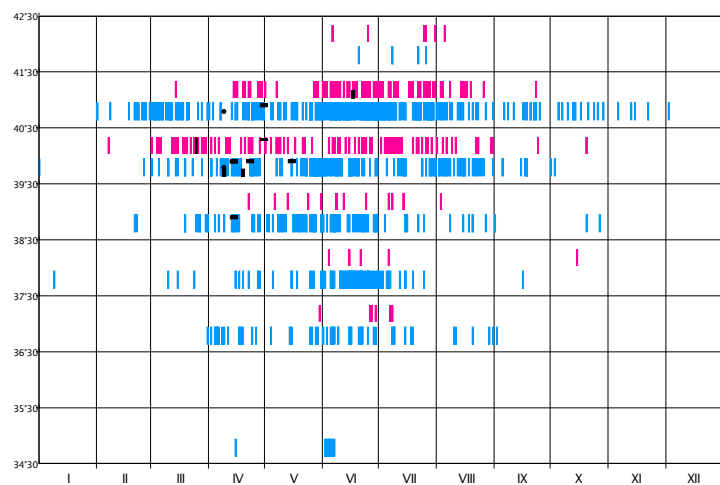


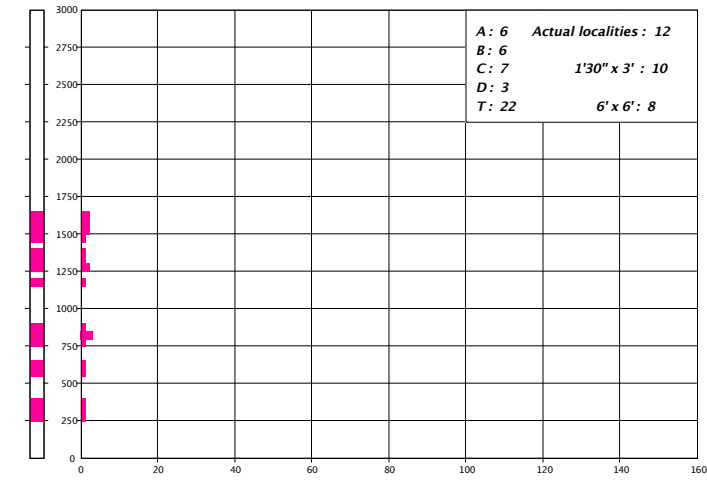
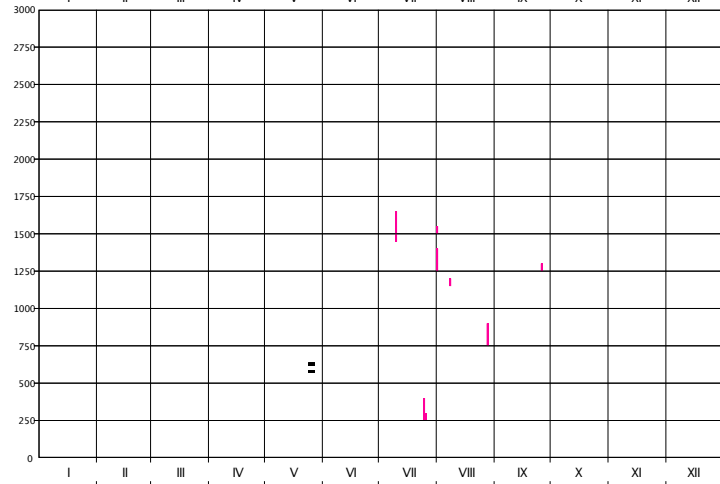
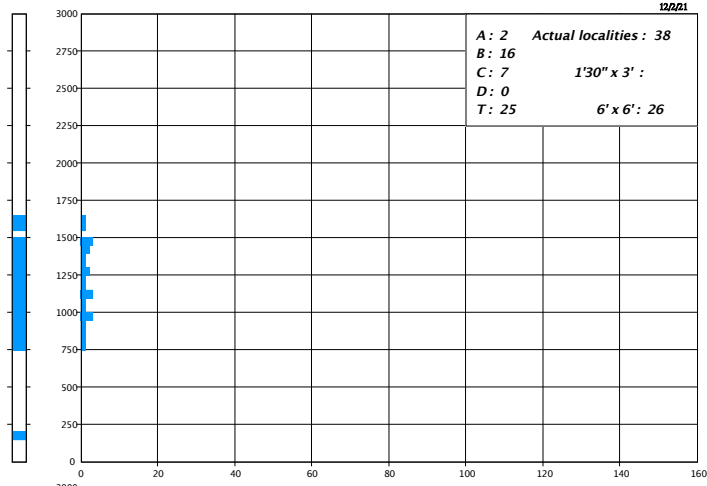
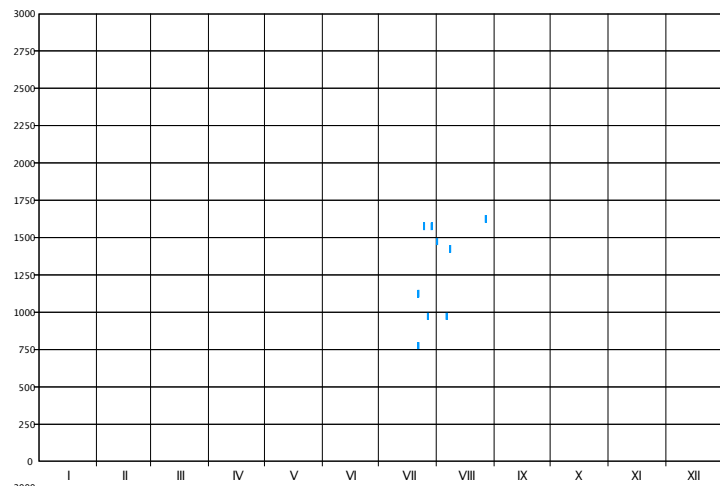
**RIODINIDAE *Hamearis lucina***



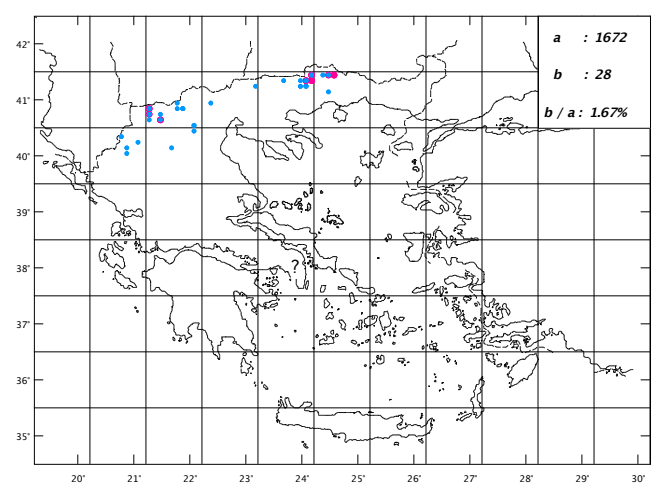
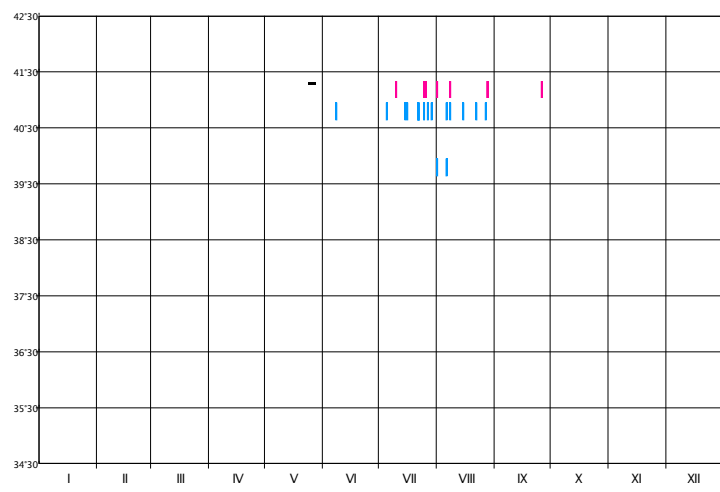


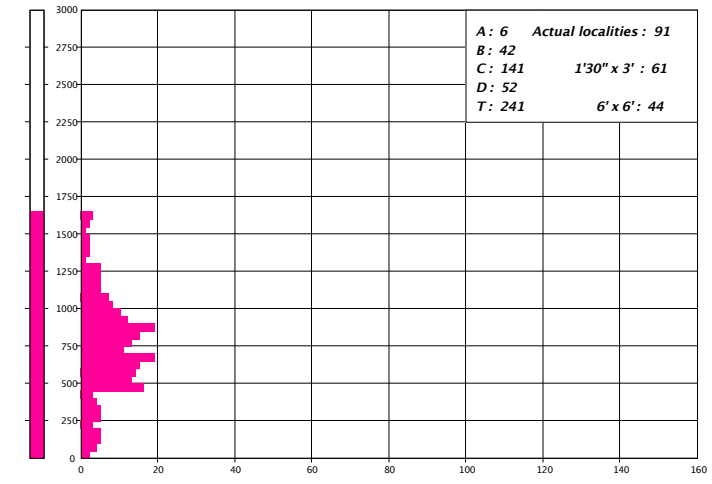
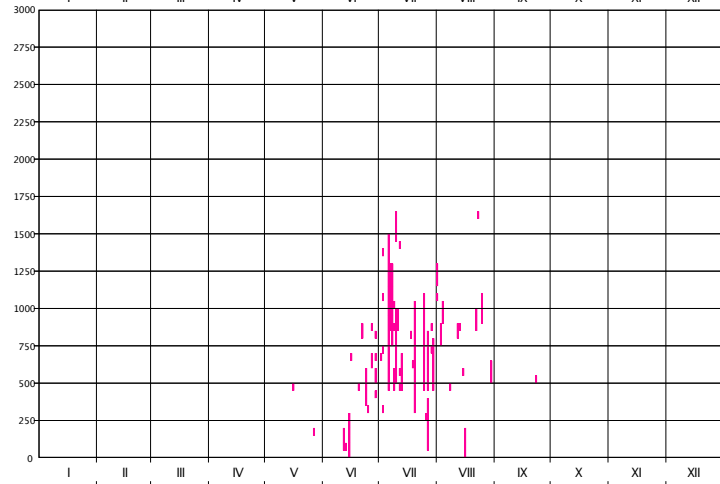
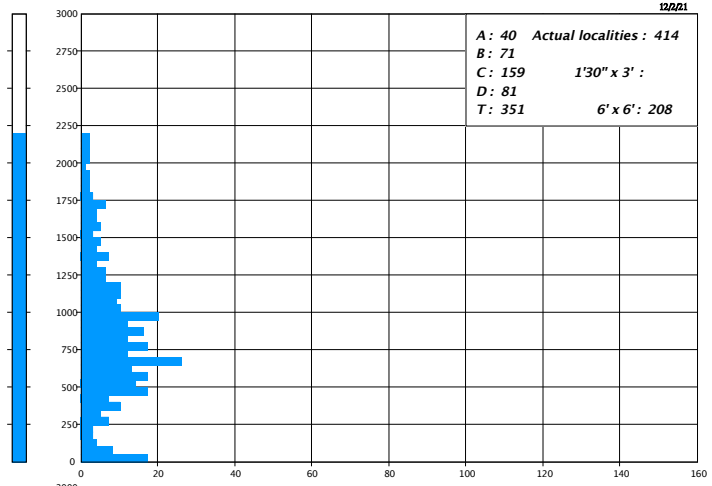
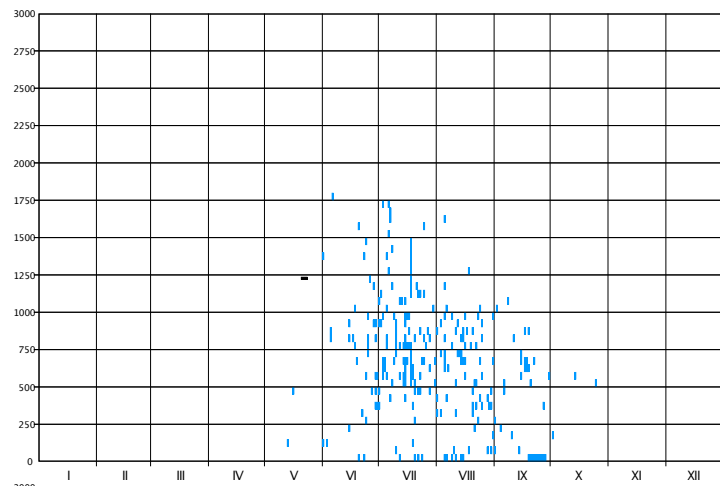
**LIBYTHEIDAE *Libythea celtis***



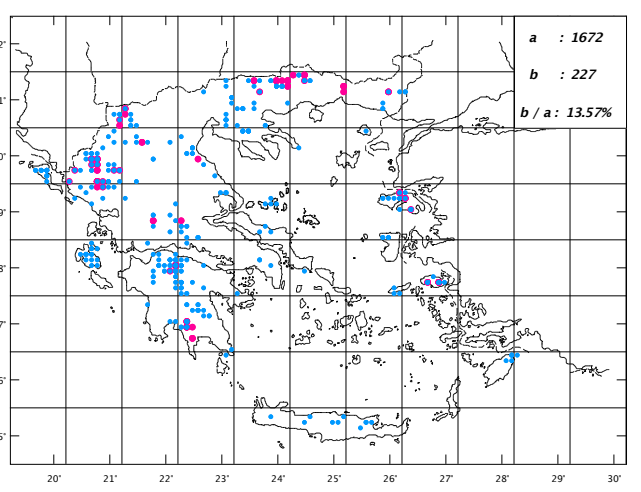
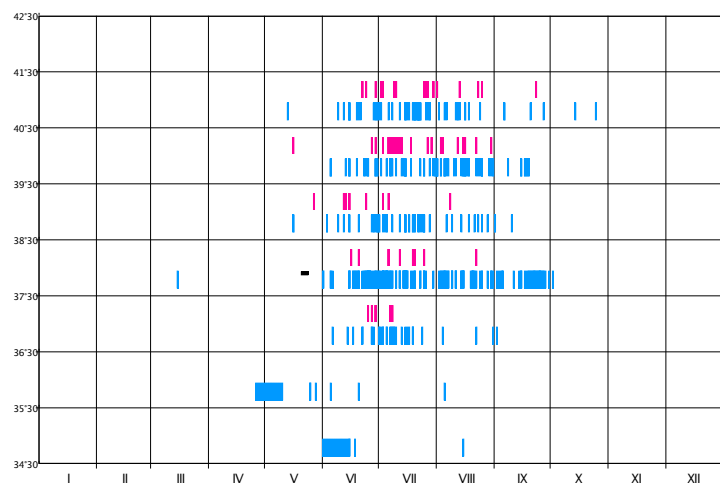


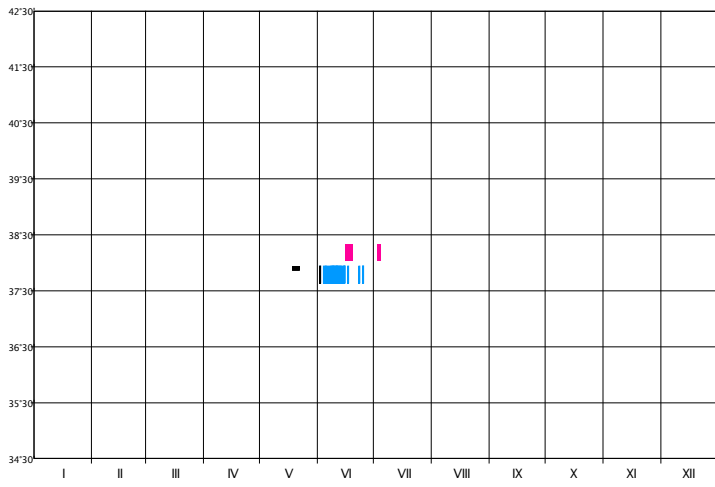
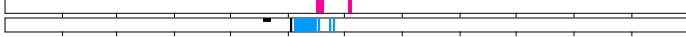
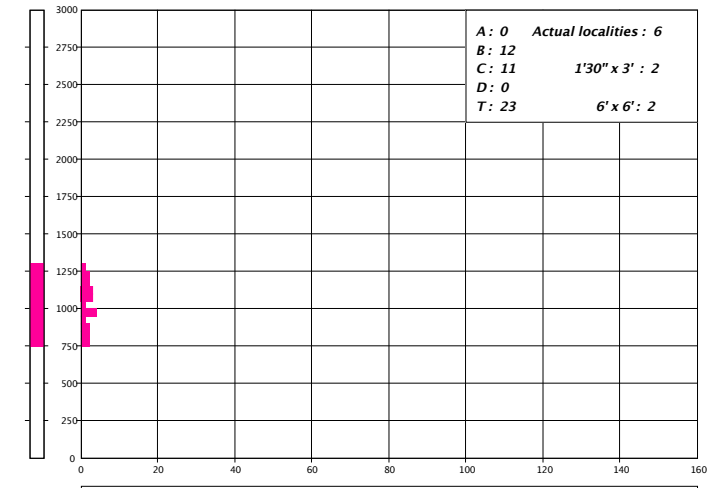
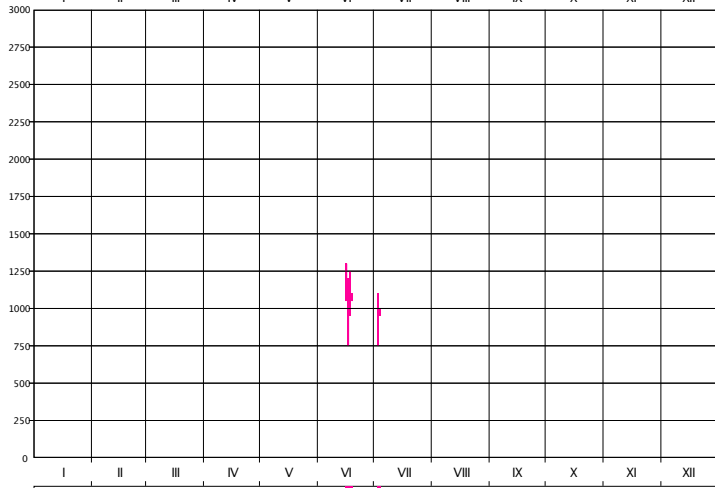
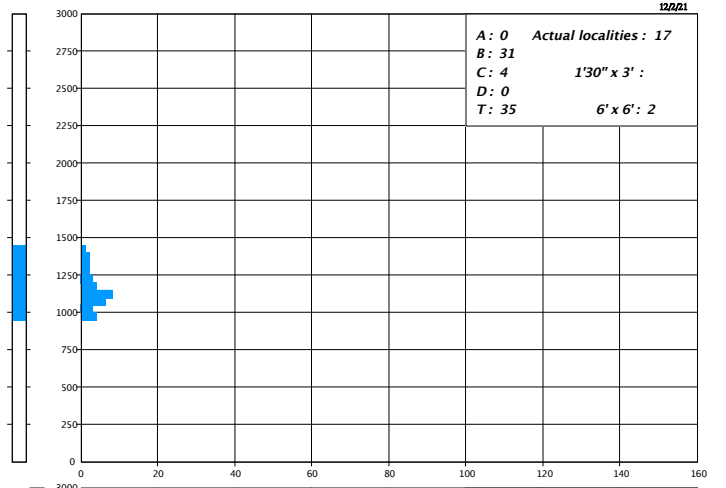
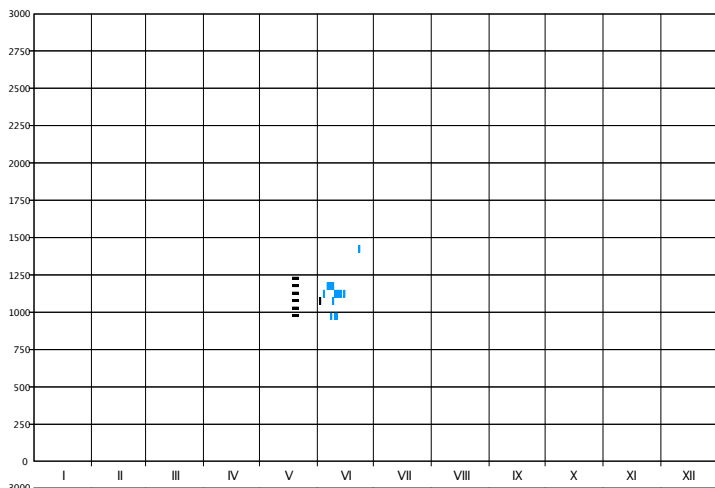
**LYCAENIDAE *Thecla betulae***



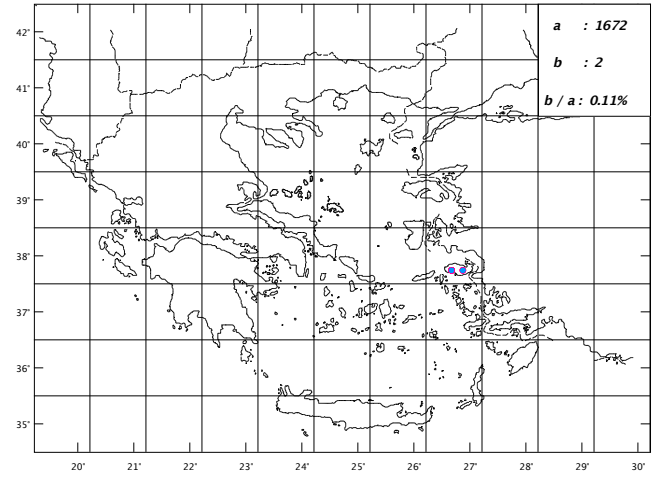


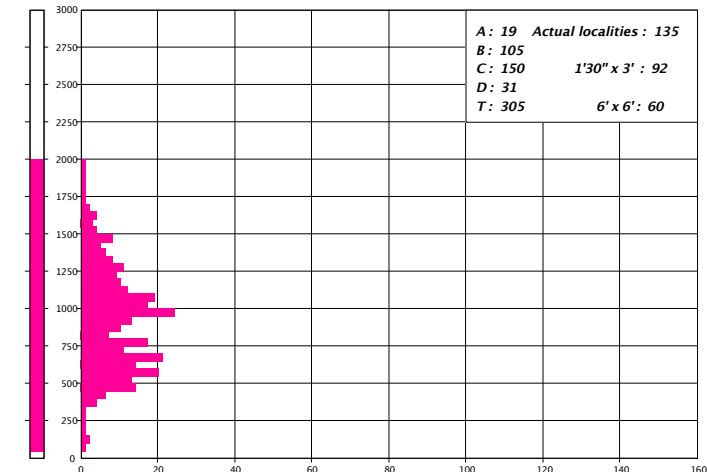
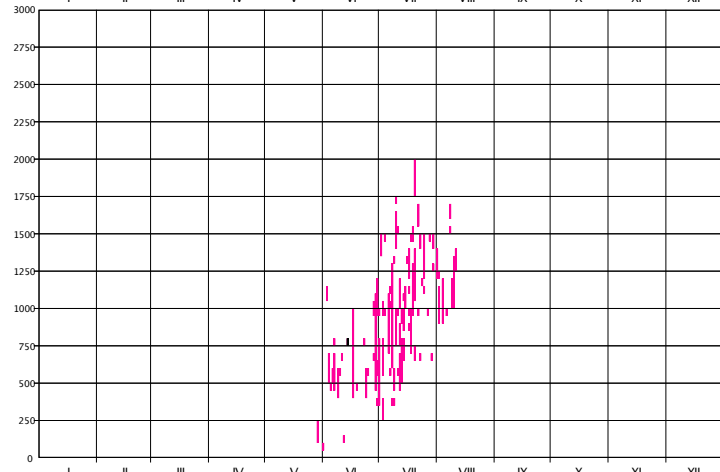
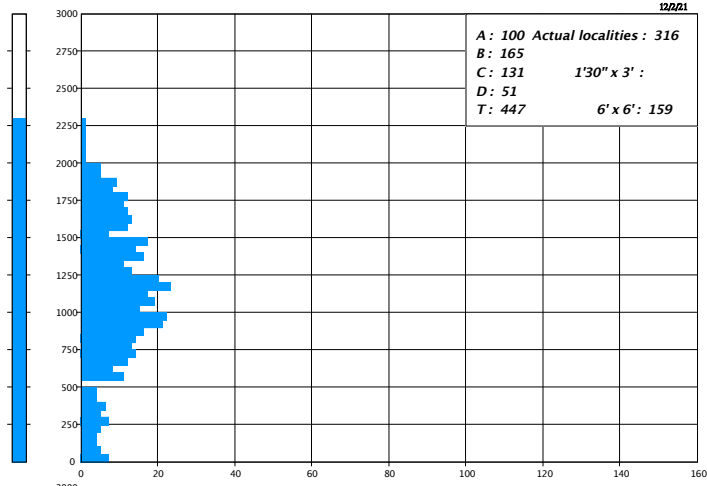
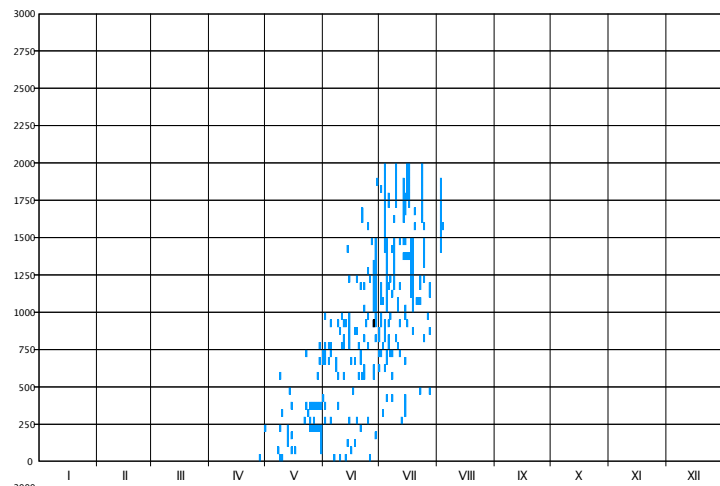
**LYCAENIDAE *Favonius quercus***



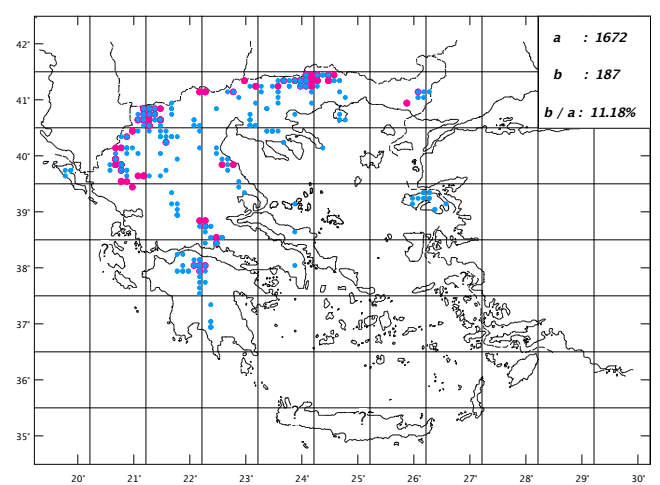
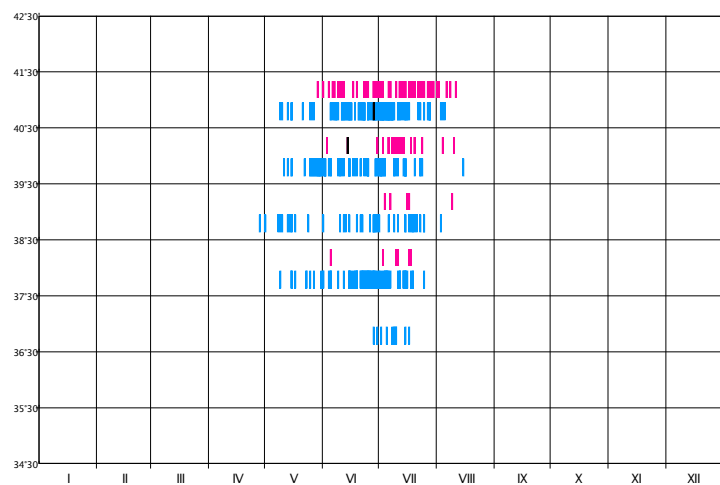


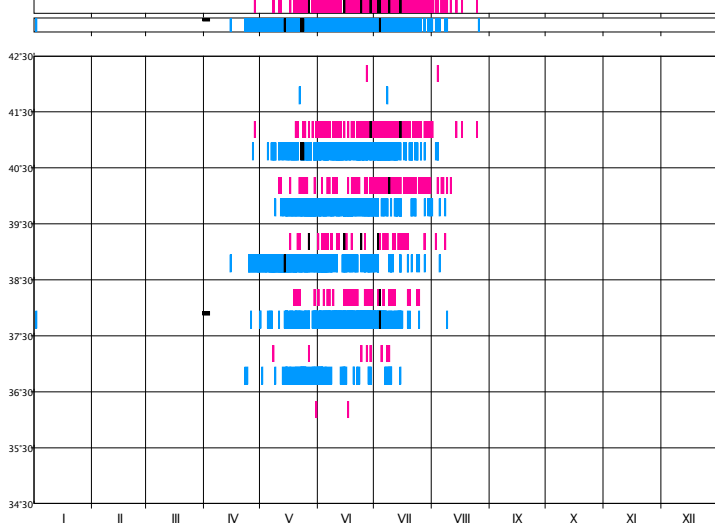
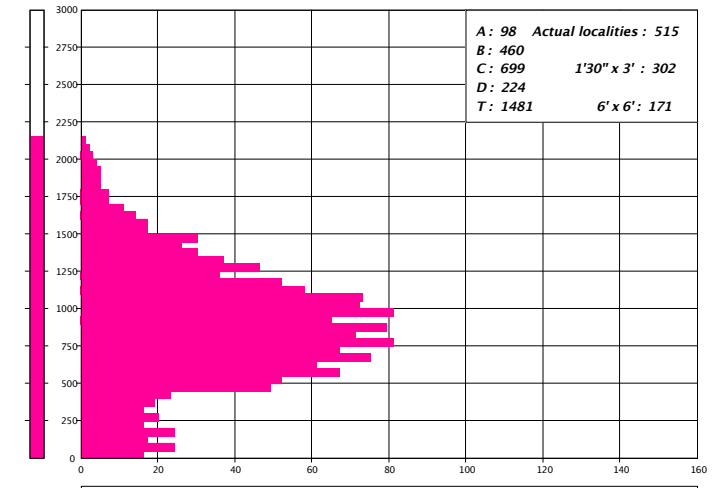
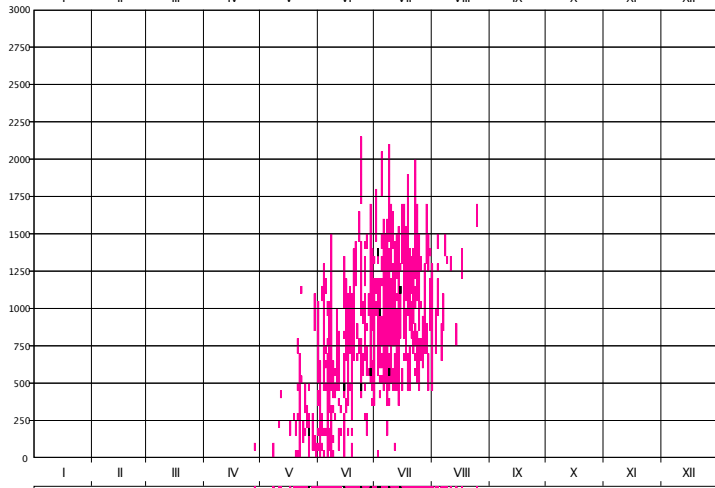
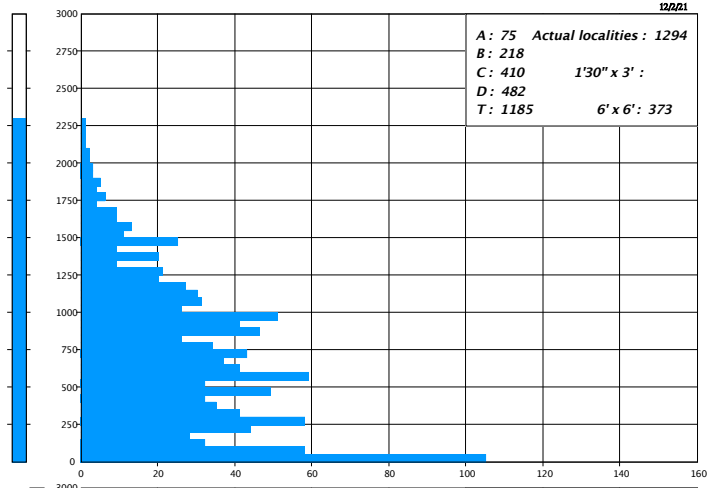
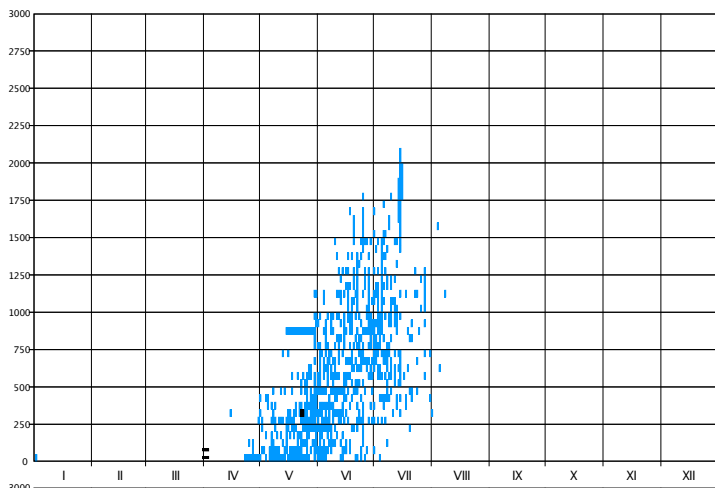
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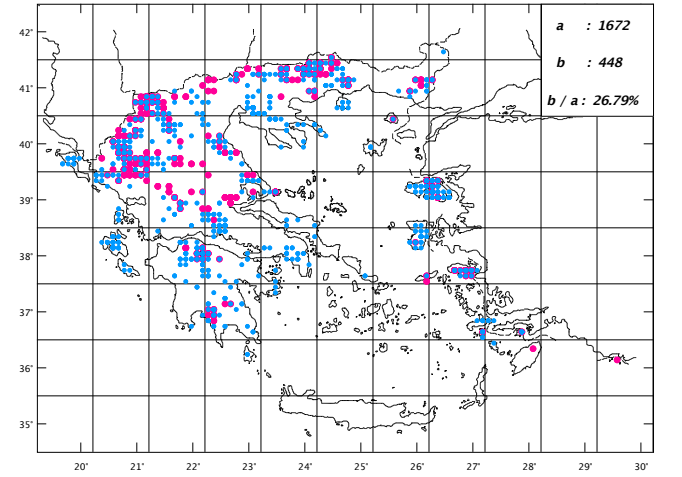


**LYCAENIDAE *Satyrium acaciae***

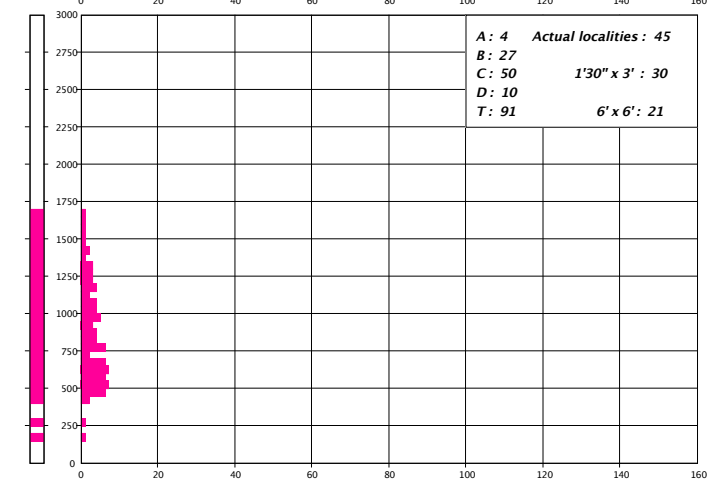
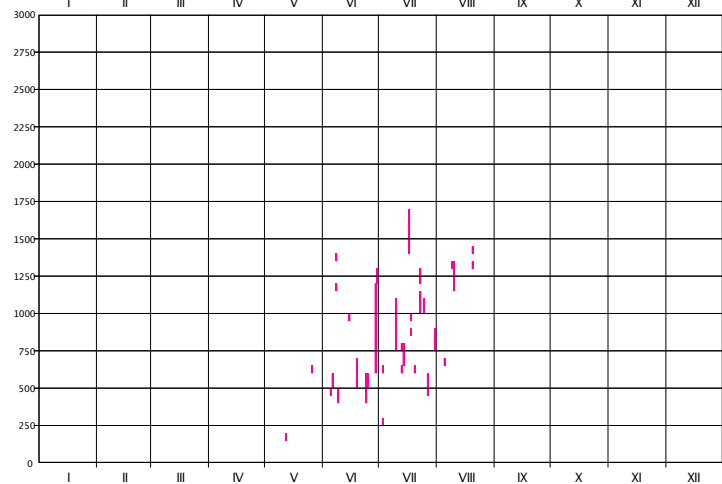
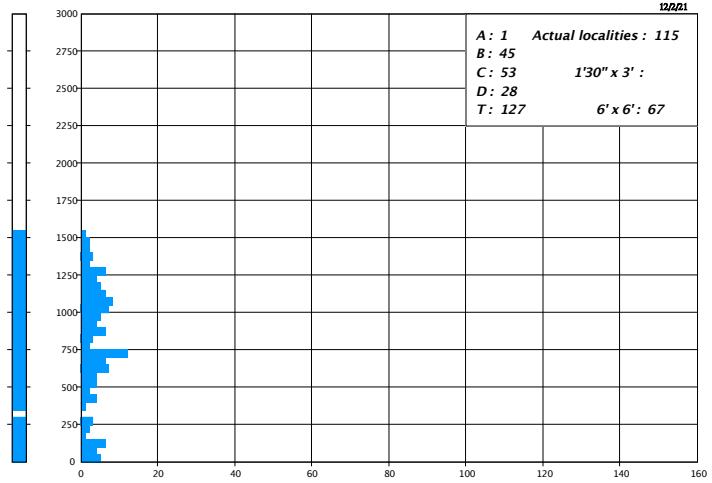
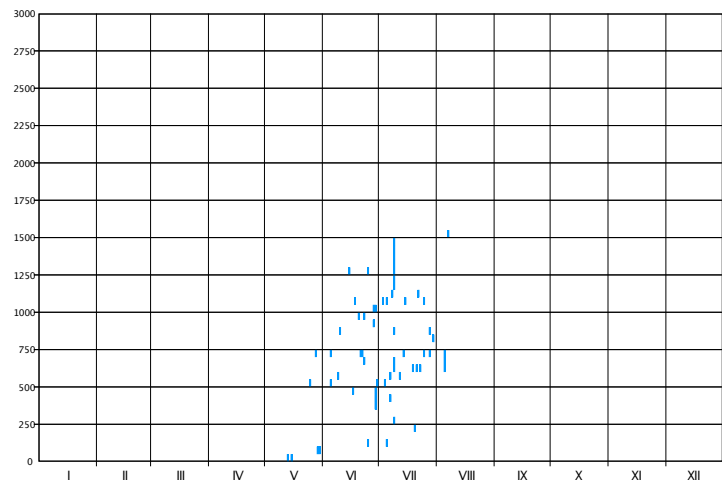




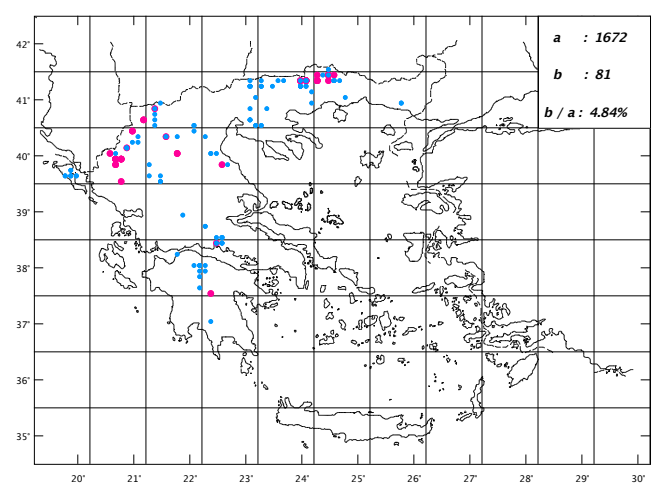
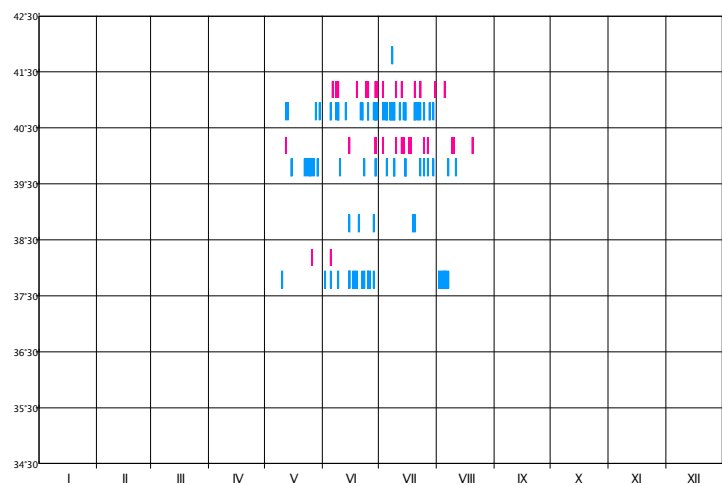
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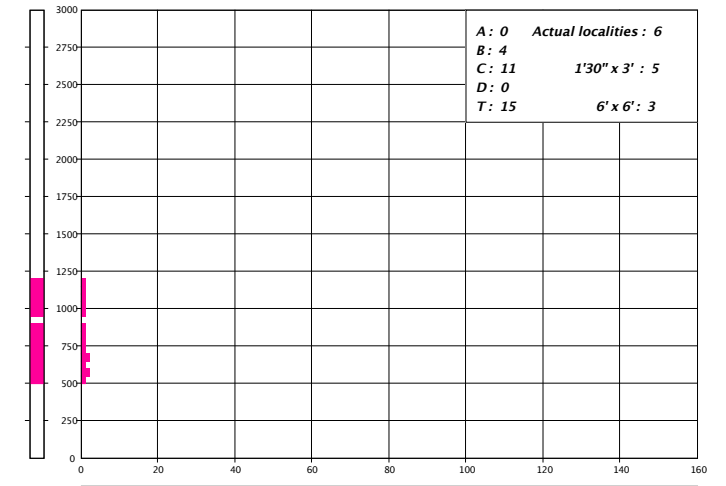
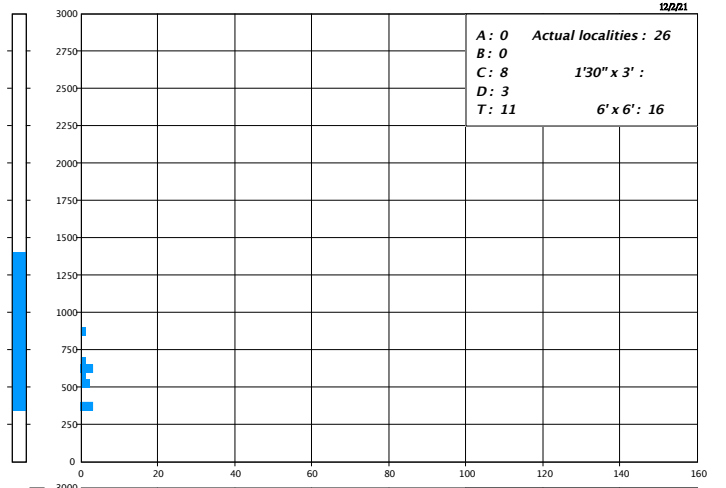
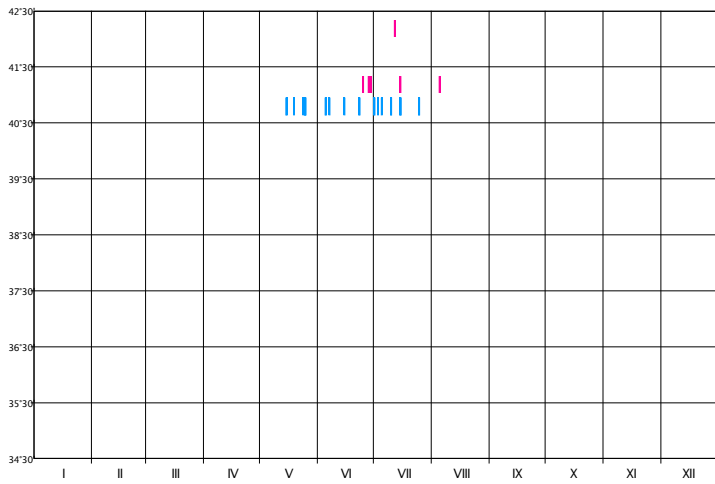
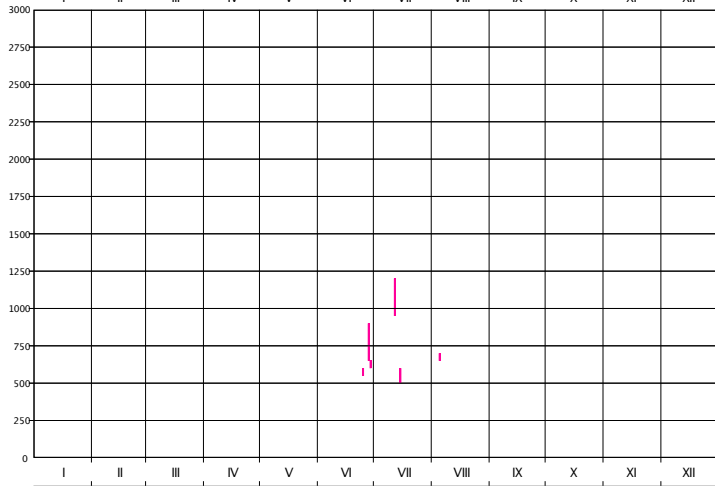
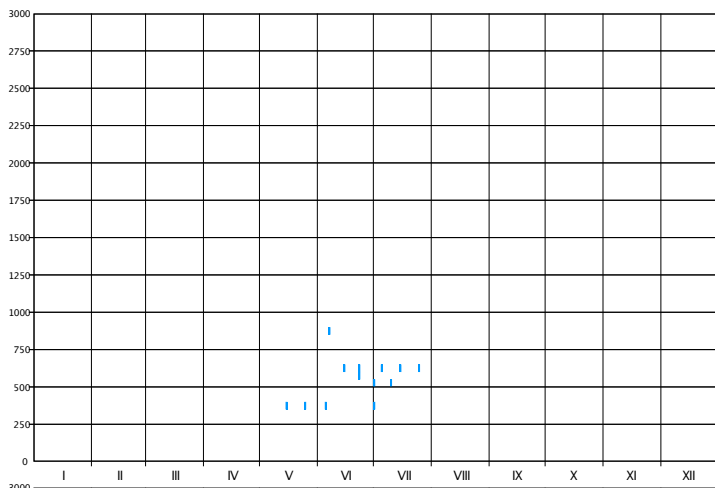




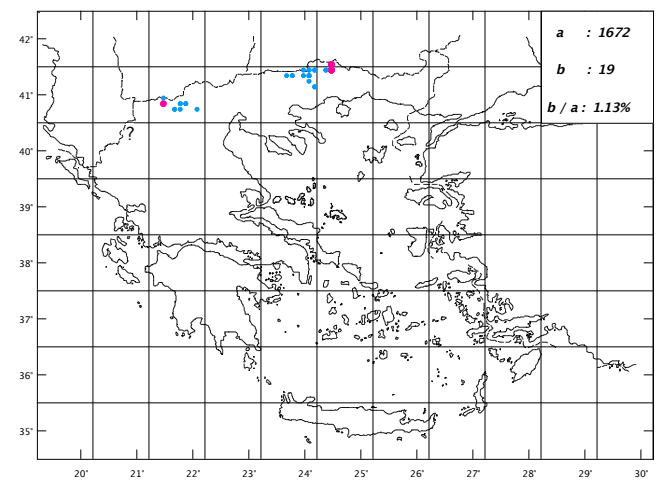


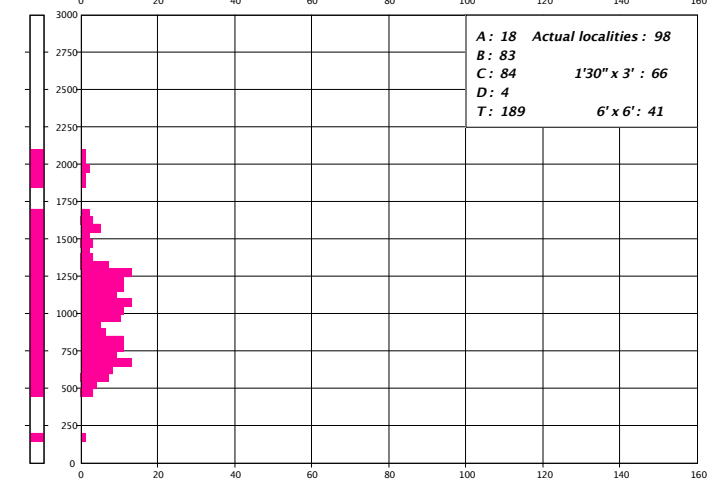
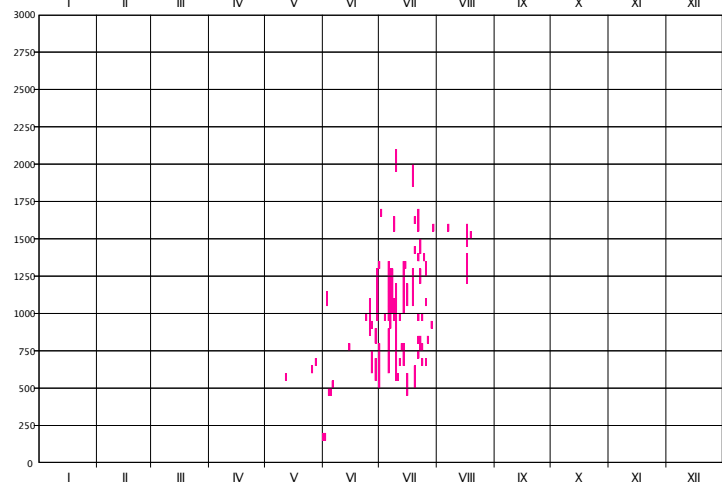
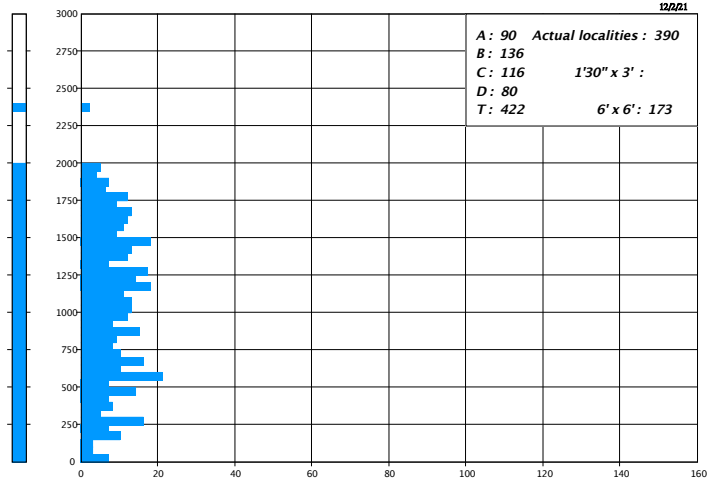
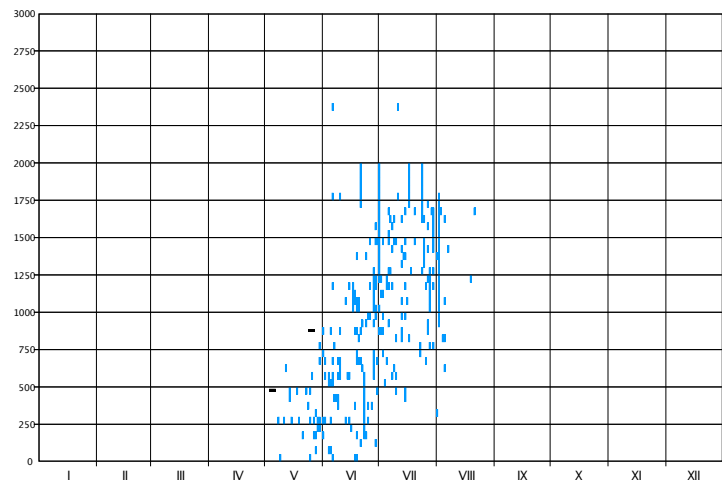
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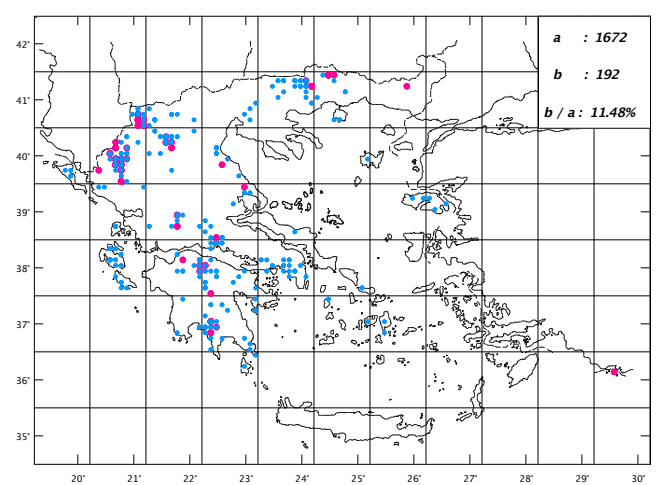
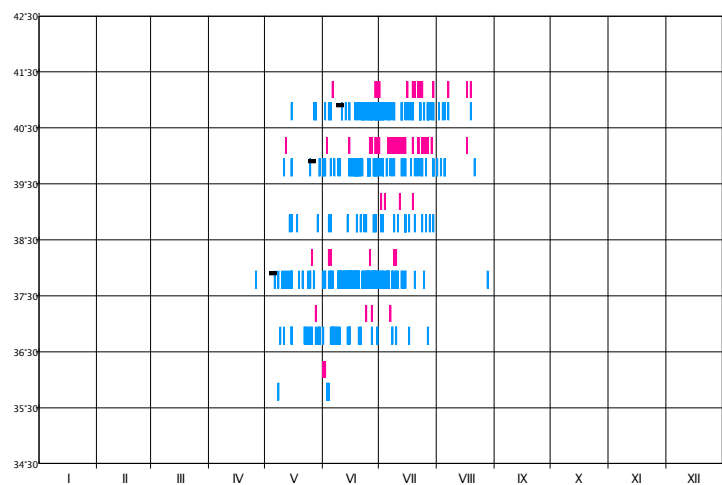


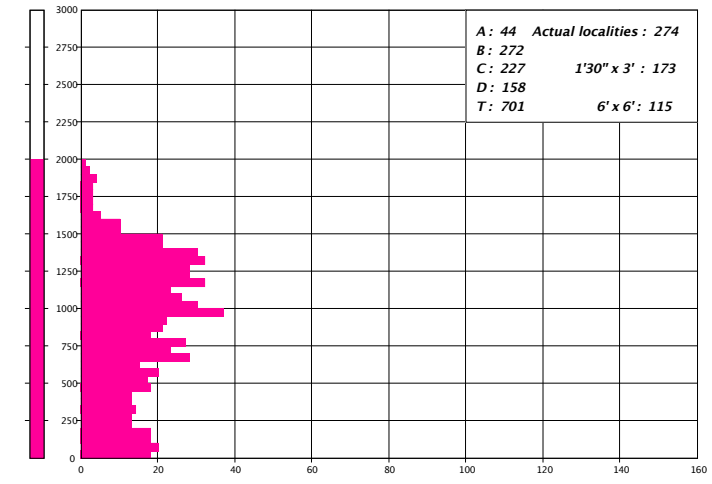
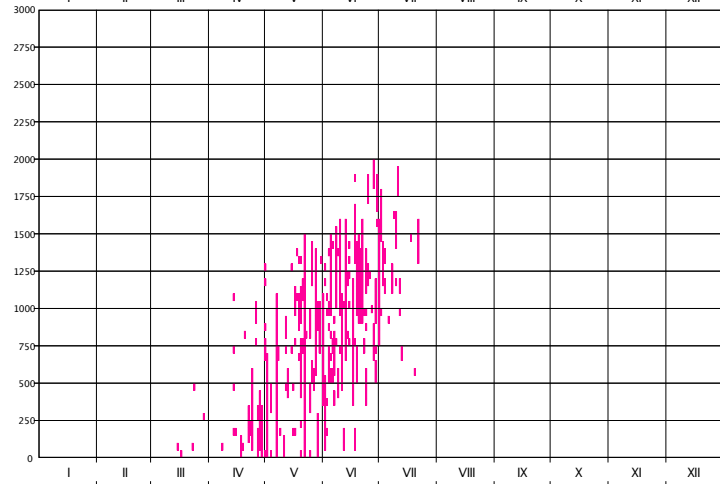
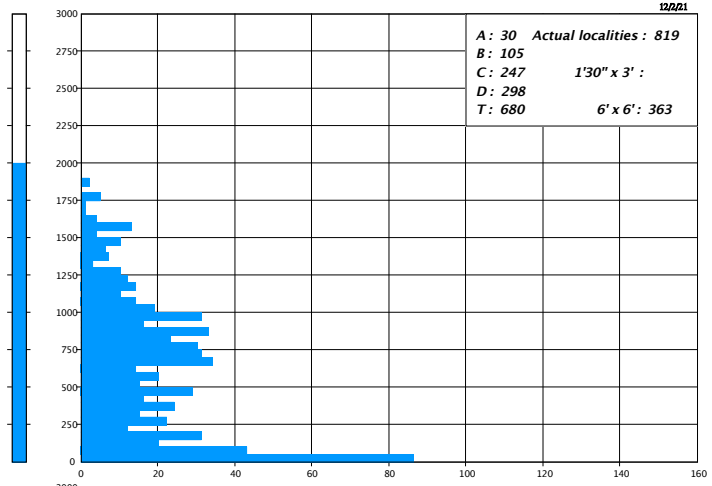
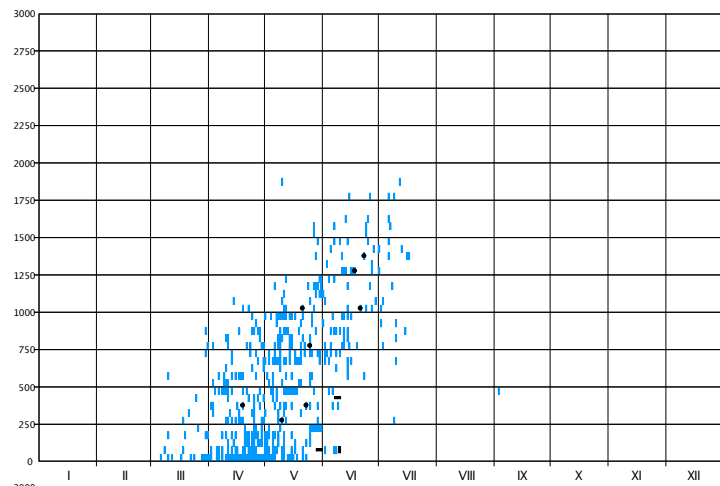
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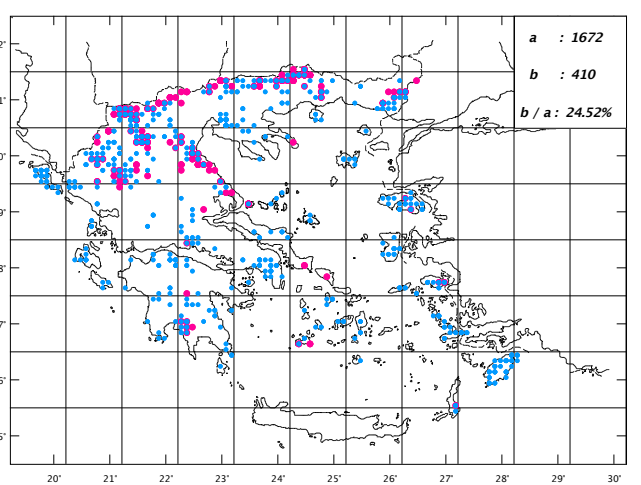
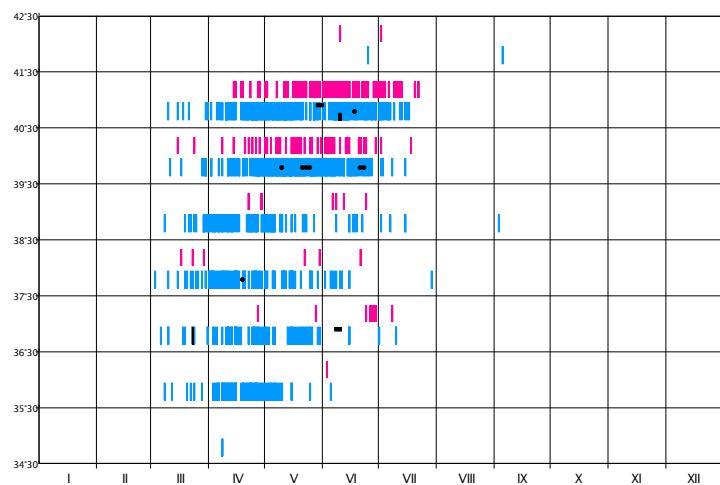


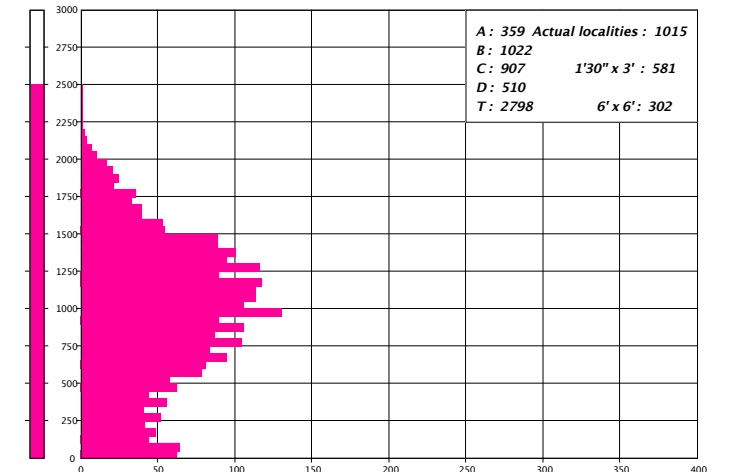
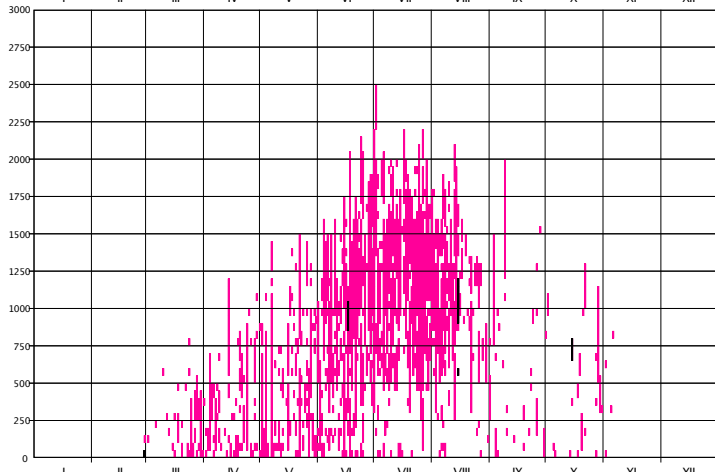
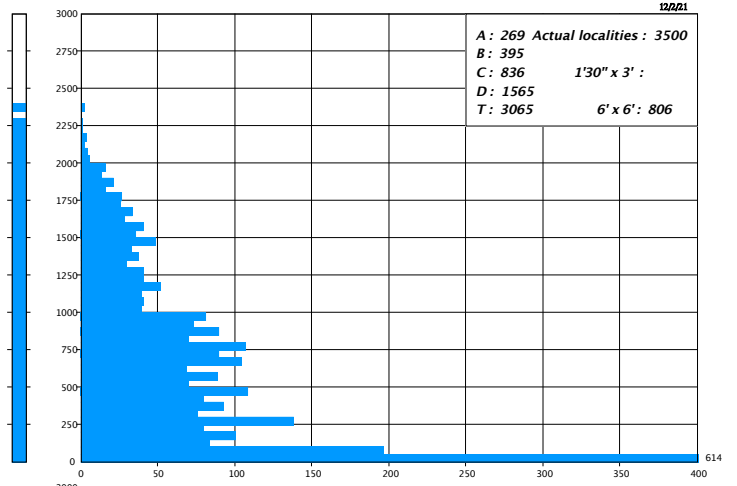
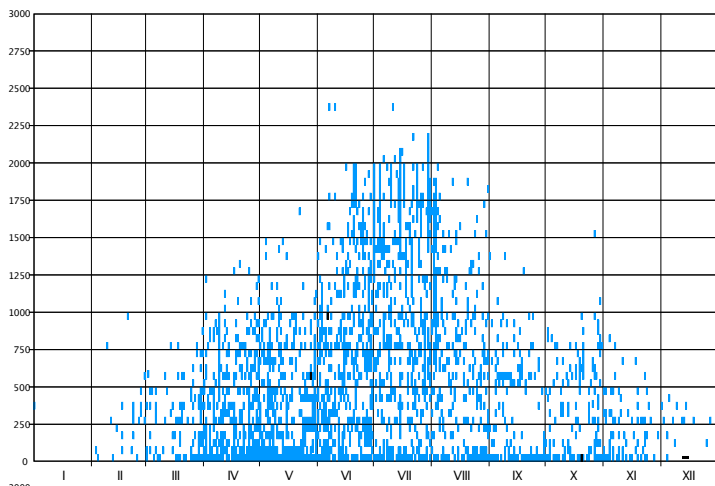
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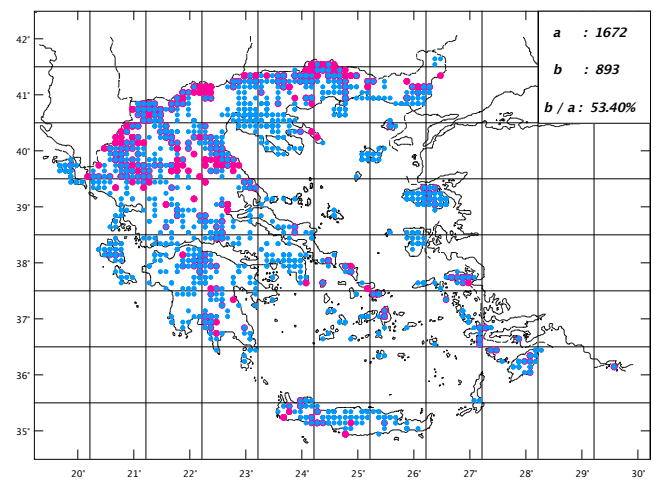
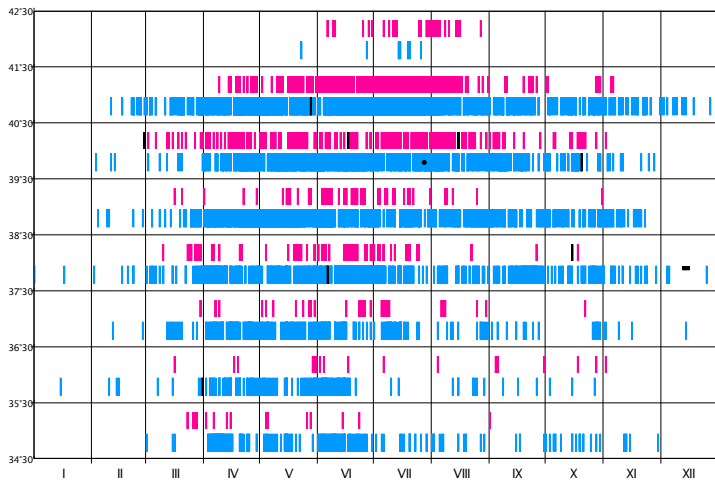


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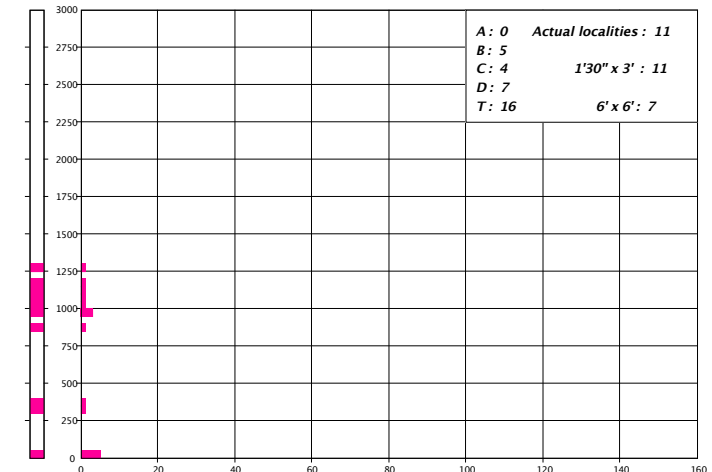
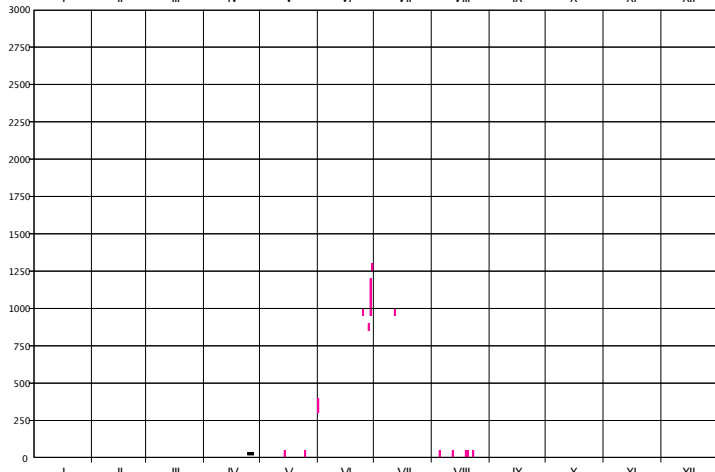
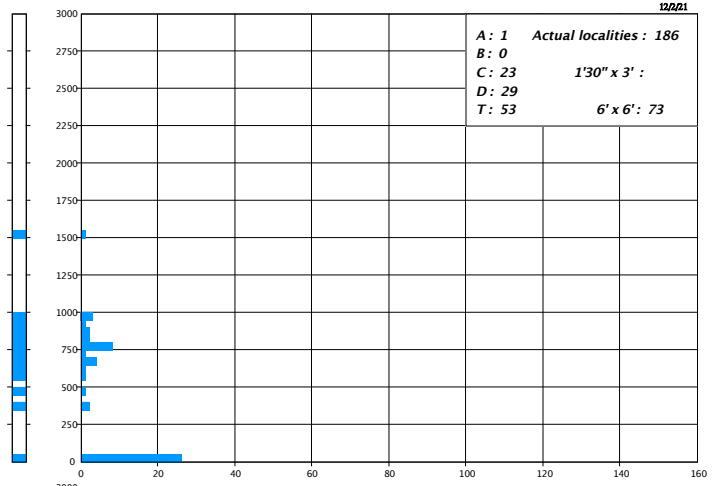
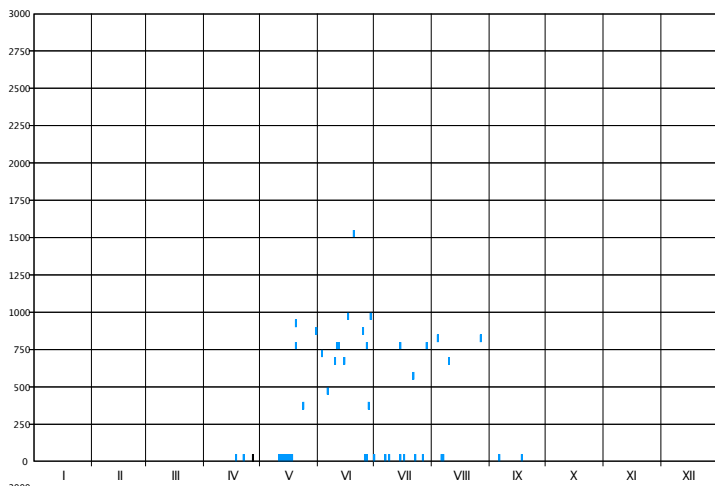




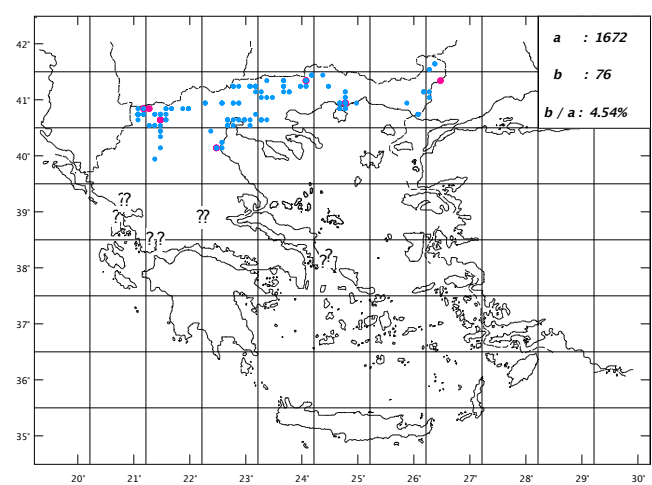
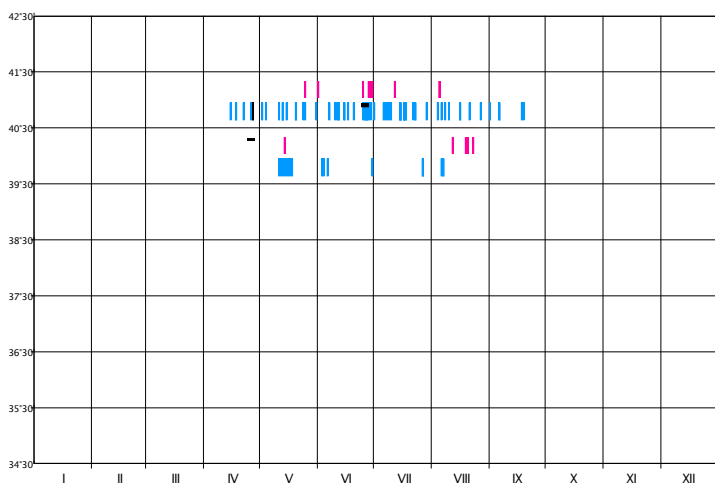
**LYCAENIDAE *Lycaena phlaeas***



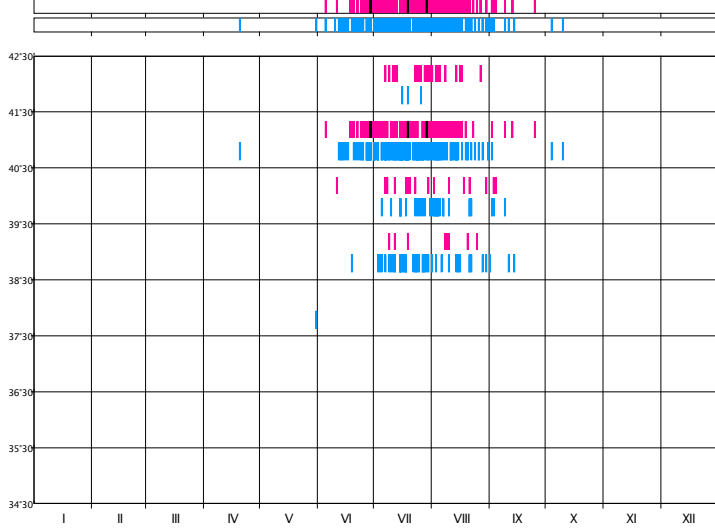
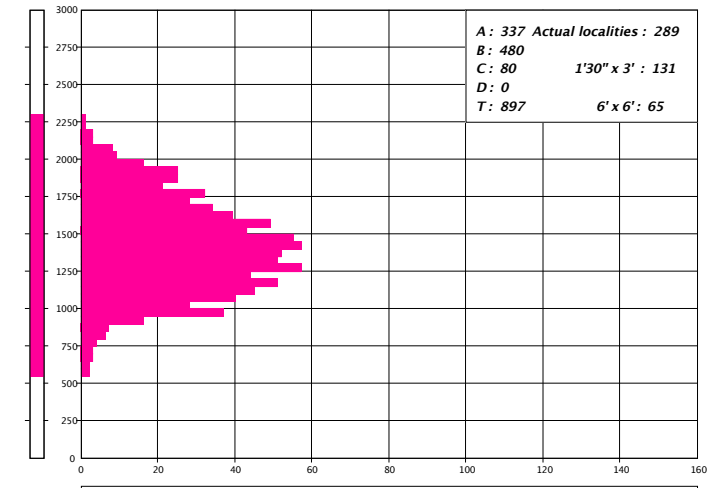
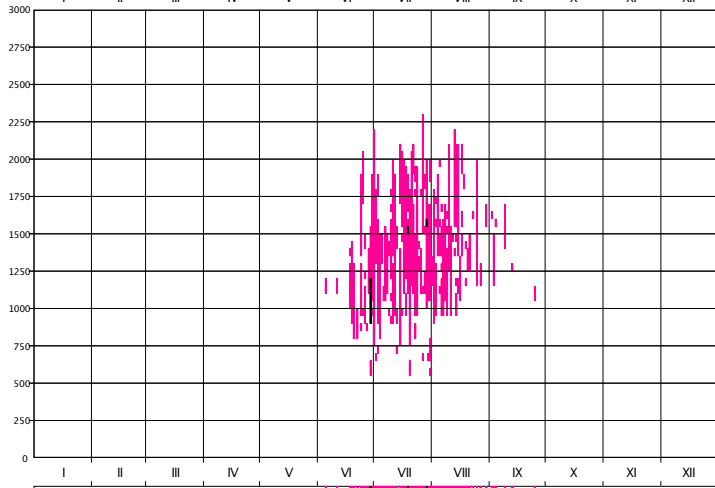
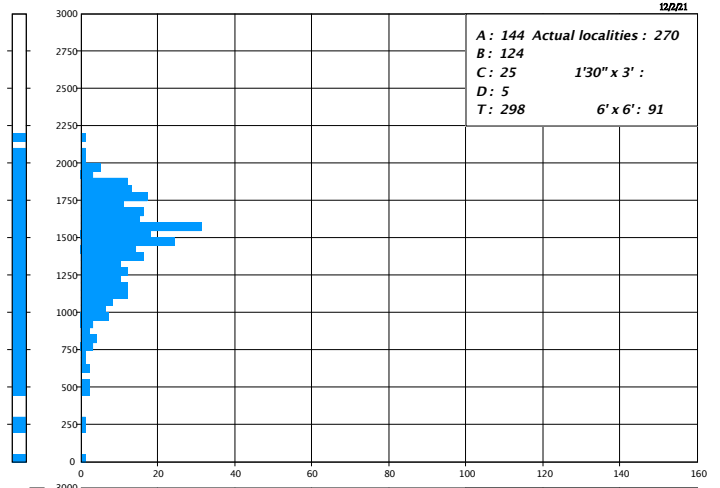
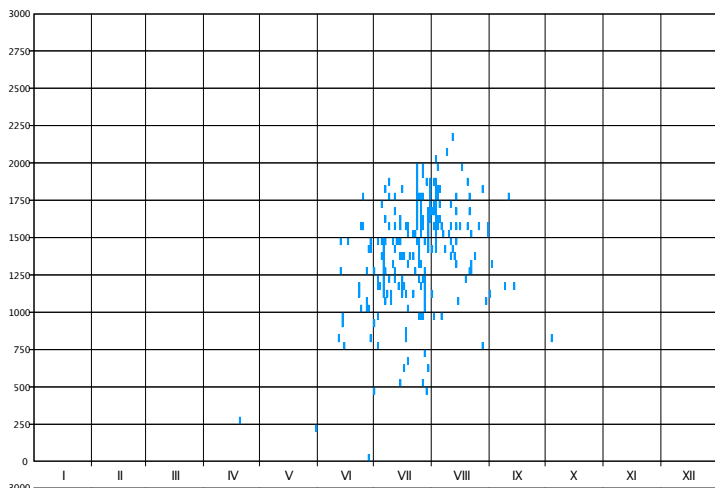
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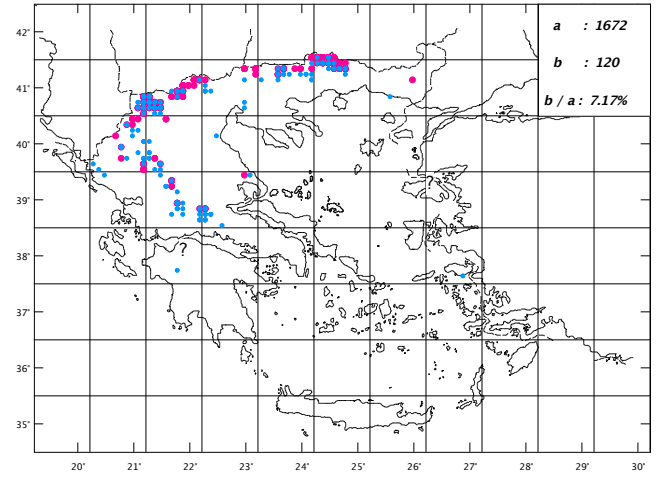
**LYCAENIDAE *Lycaena dispar***



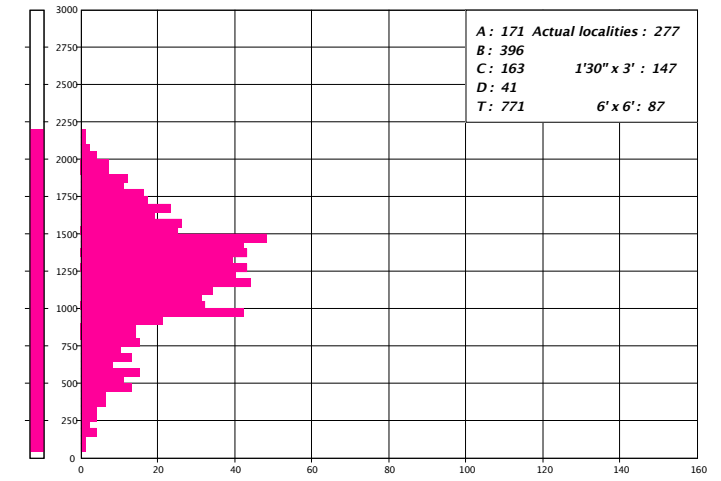
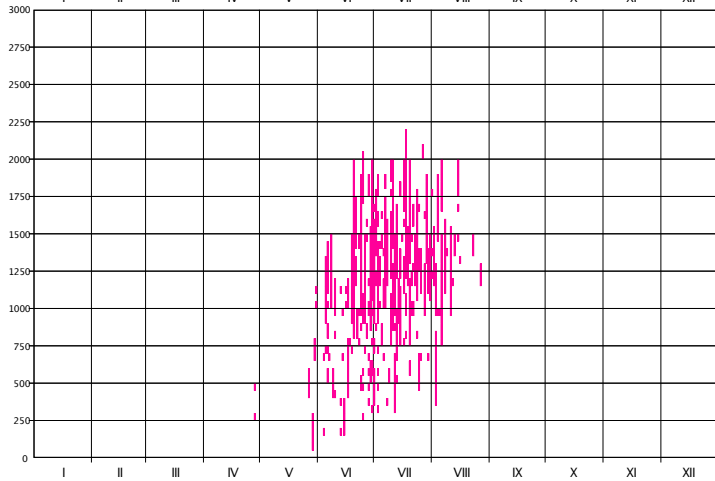
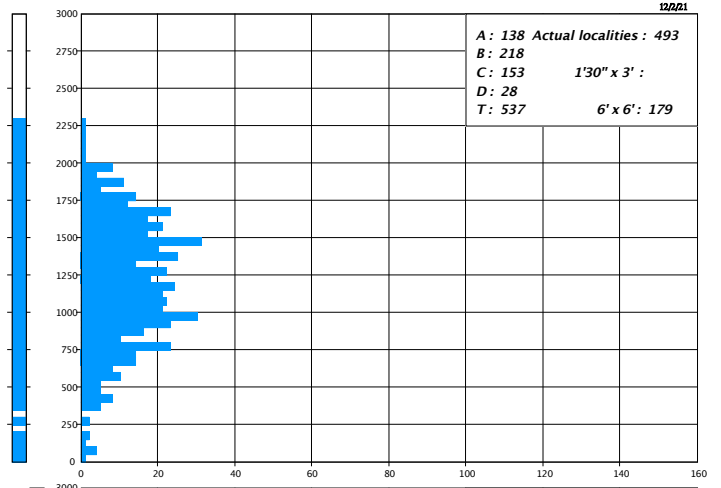
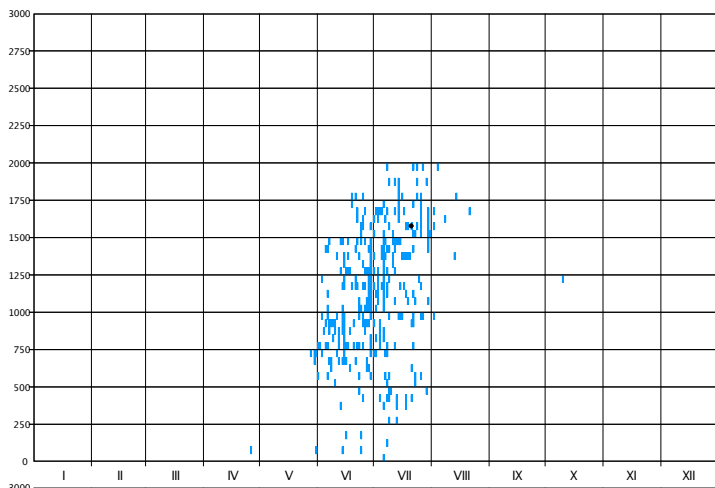
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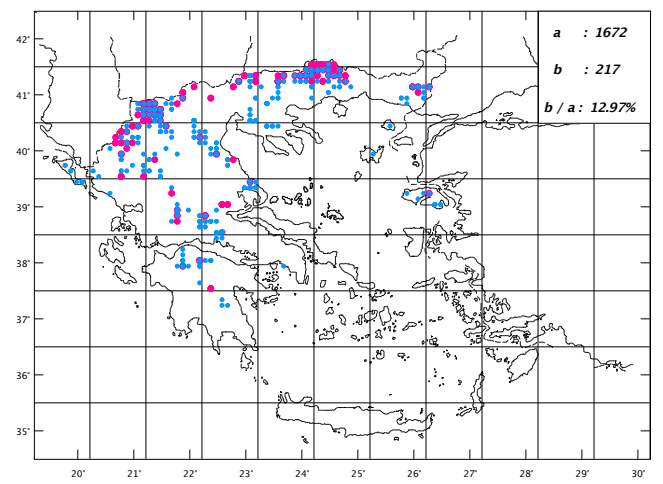
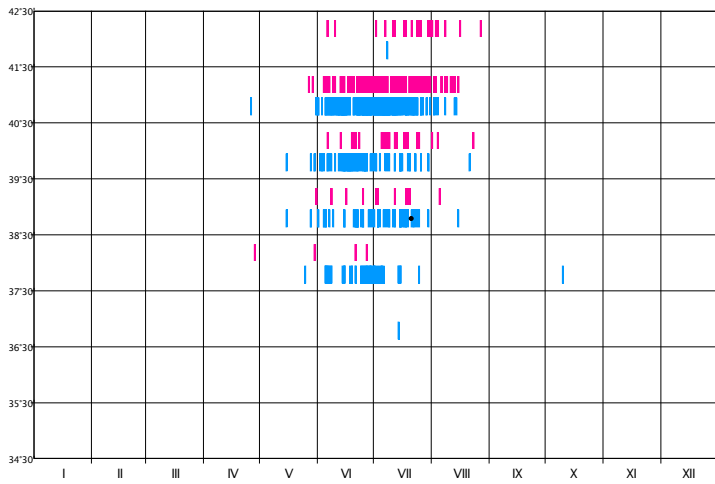
**LYCAENIDAE *Lycaena virgaureae***



<http://www.pamperis.gr/PHOTOGRAPHS/Lycaena.html>

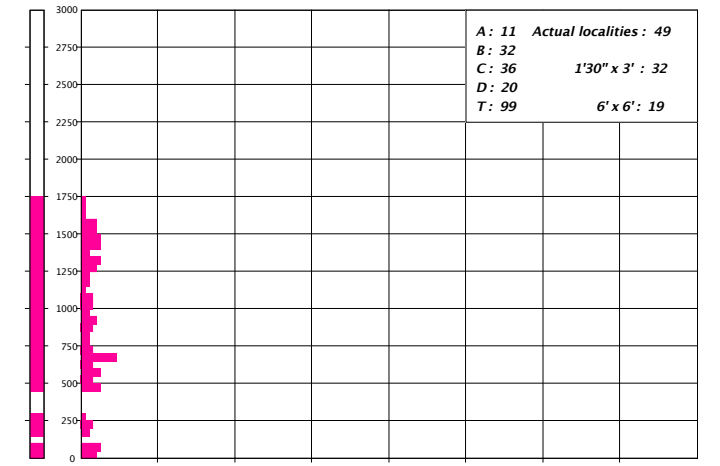
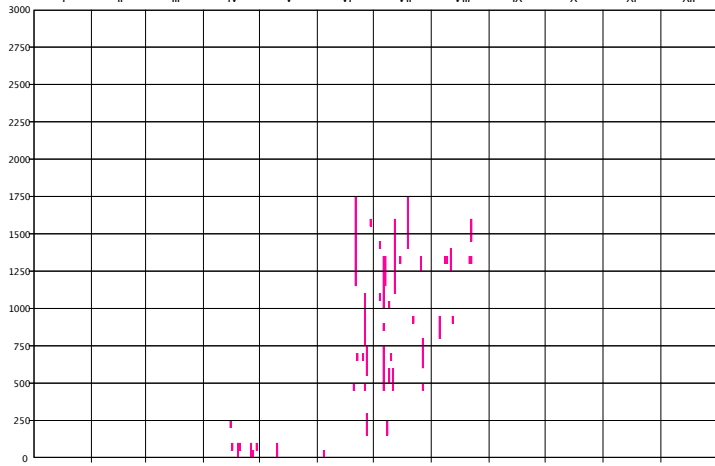
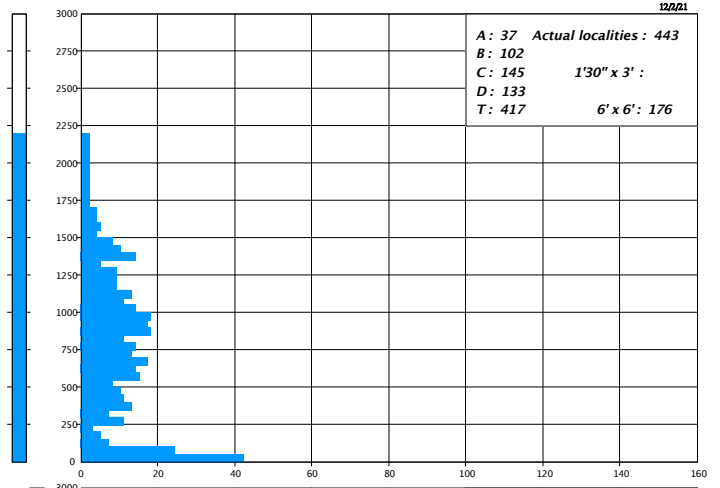
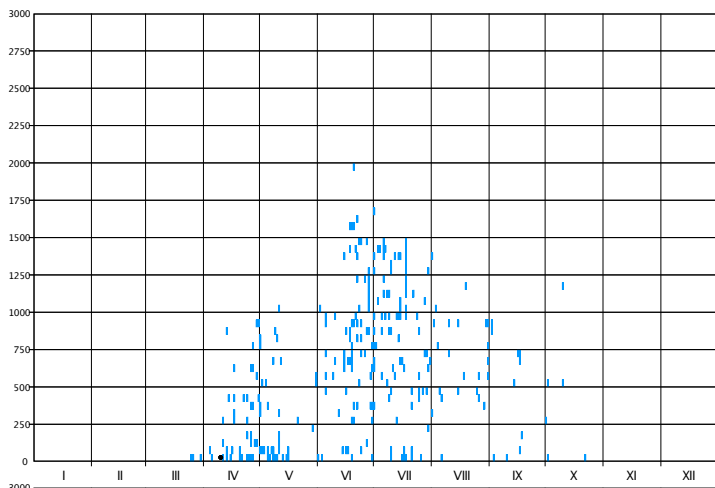


**LYCAENIDAE *Lycaena alciphron***

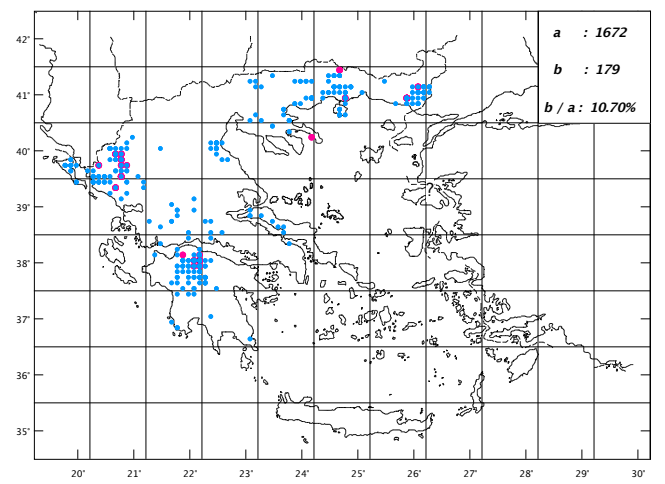
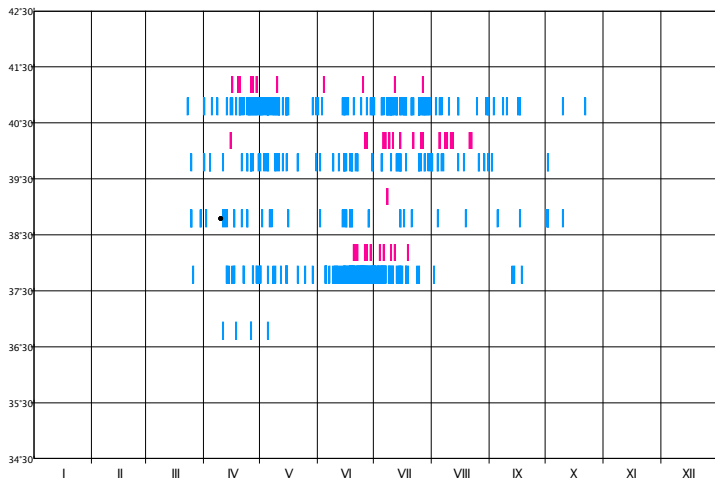


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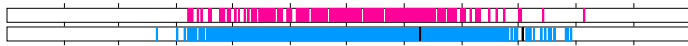
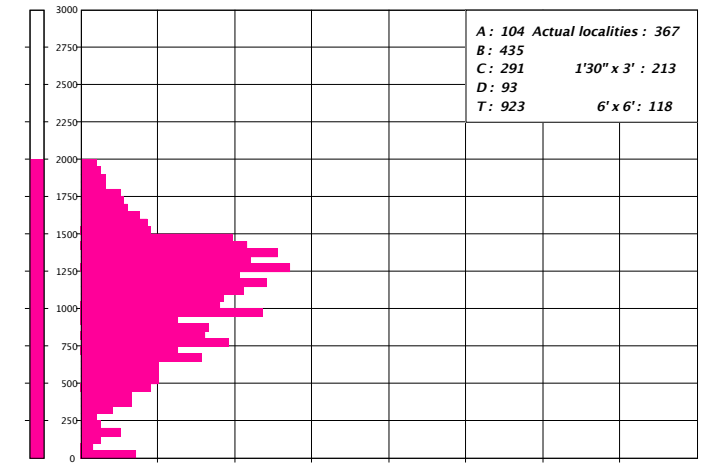
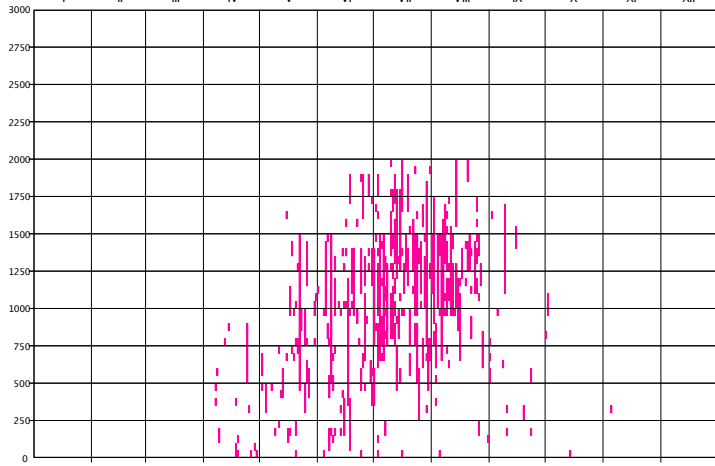
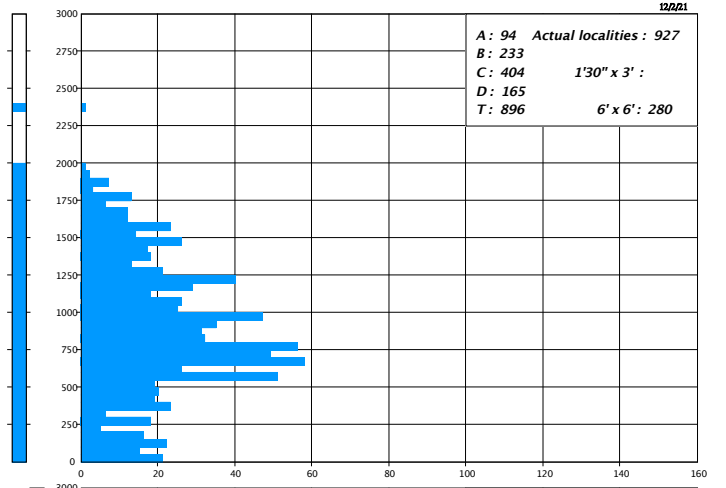
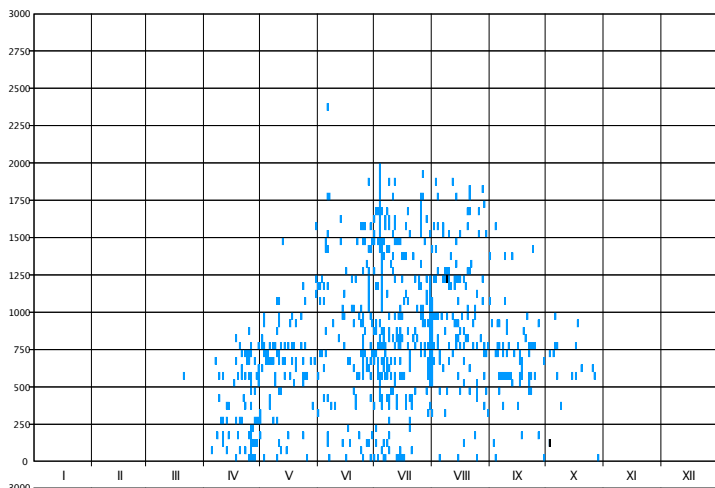




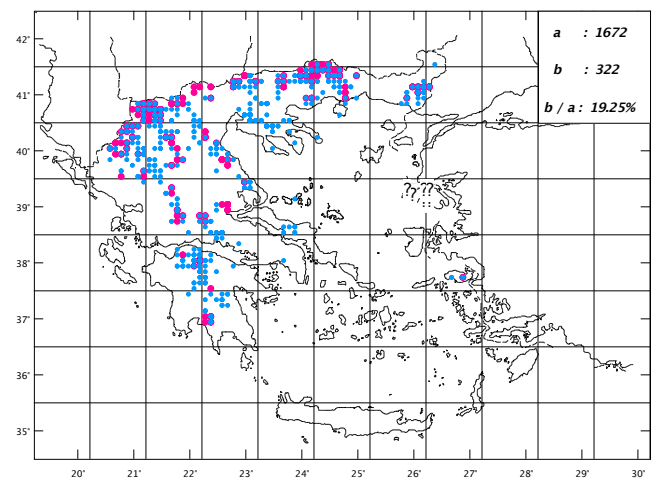
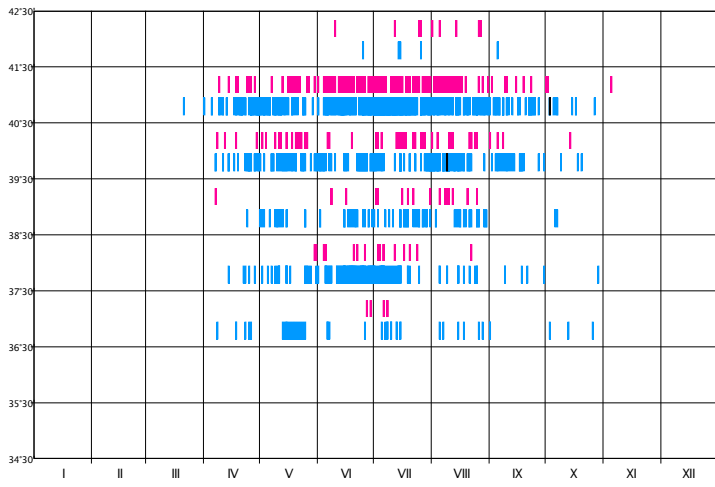
**LYCAENIDAE *Lycaena ottomana***



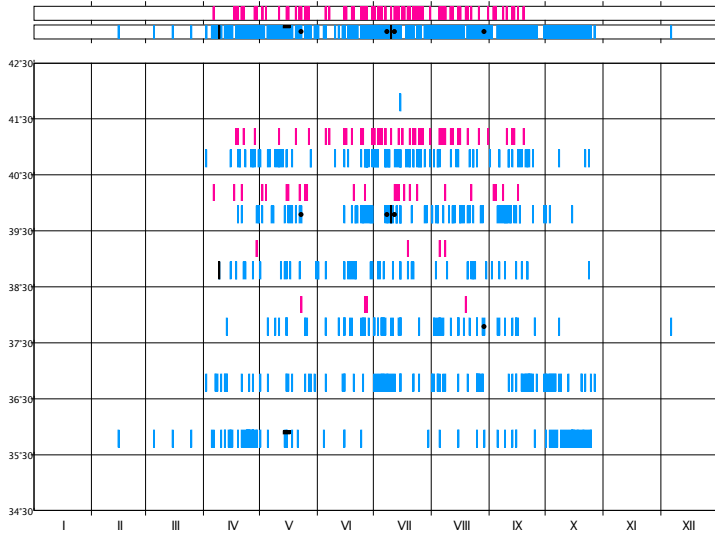
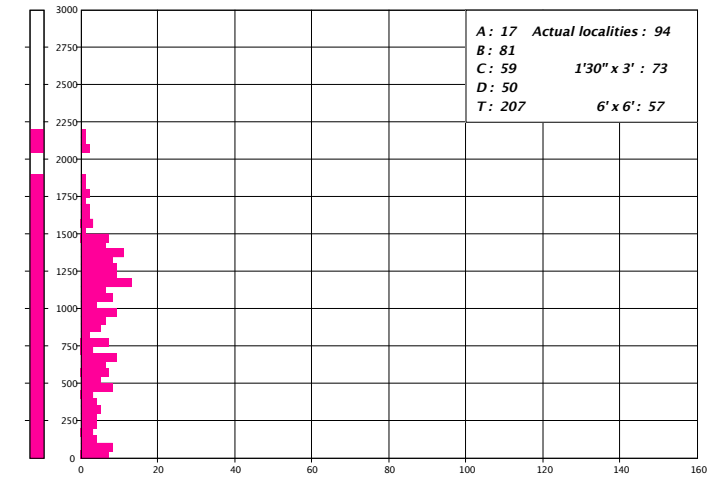
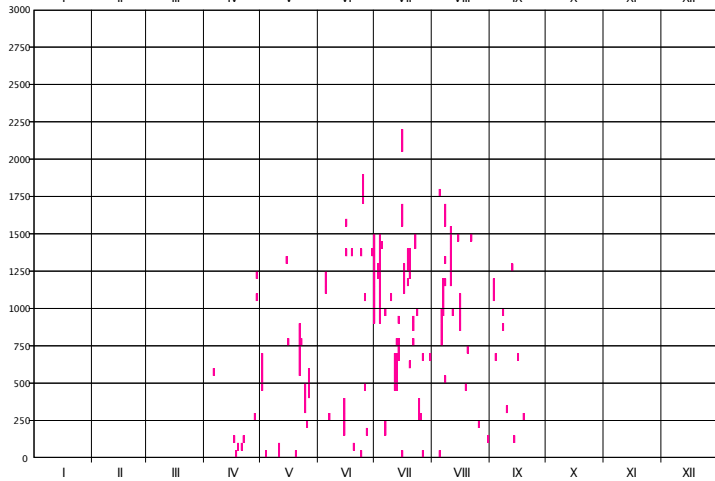
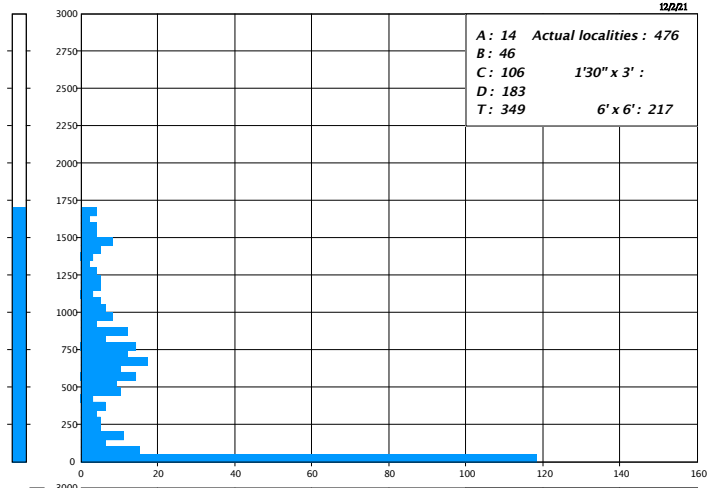
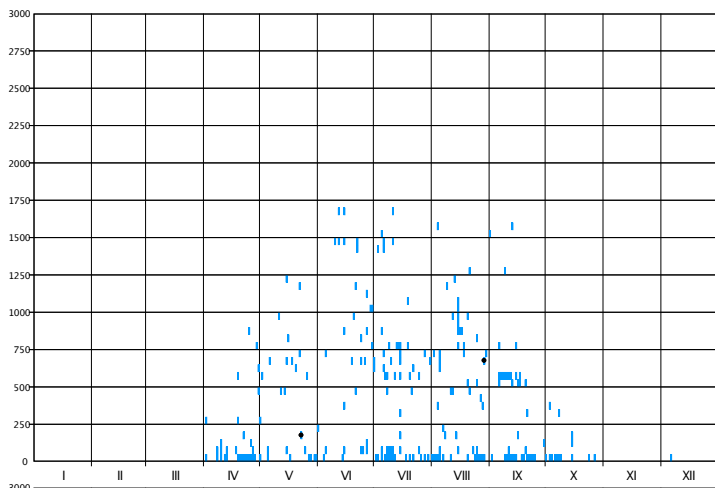
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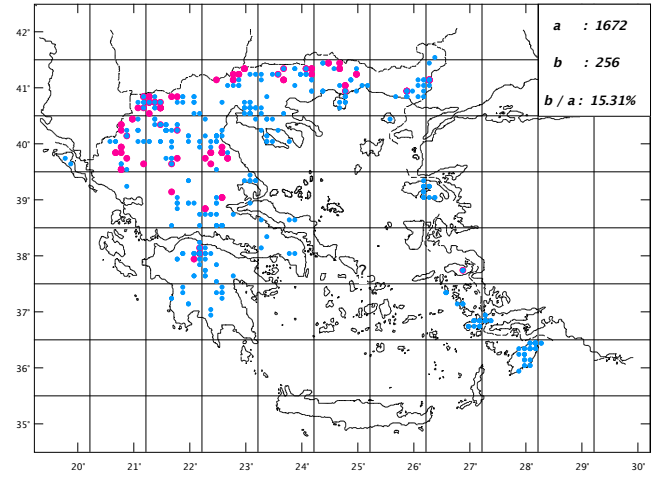
**LYCAENIDAE *Lycaena tityrus***



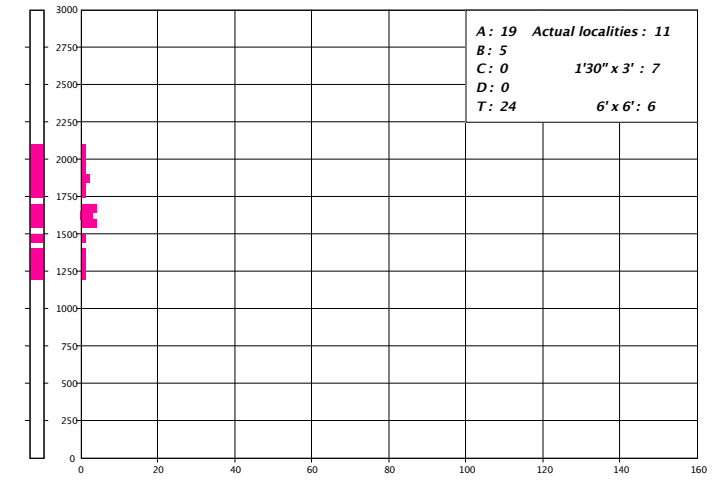
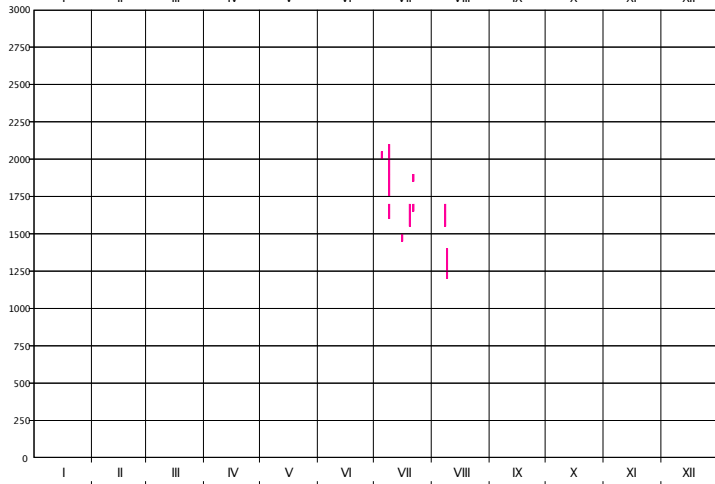
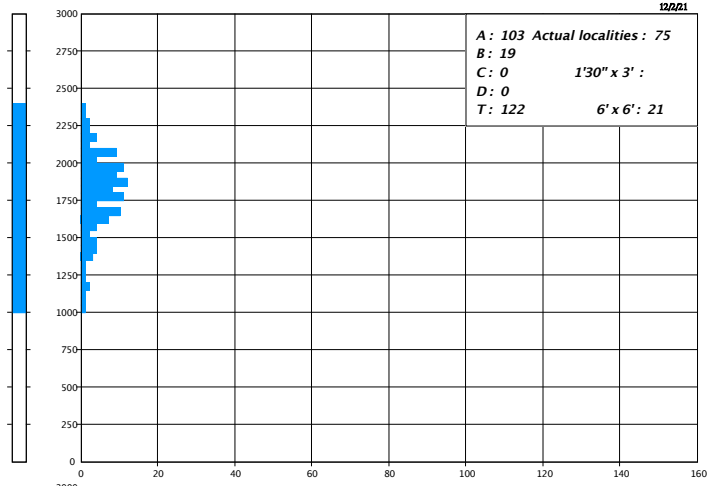
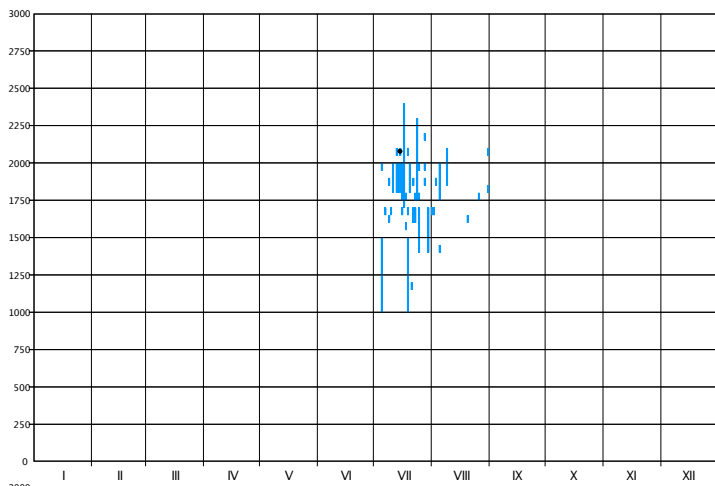
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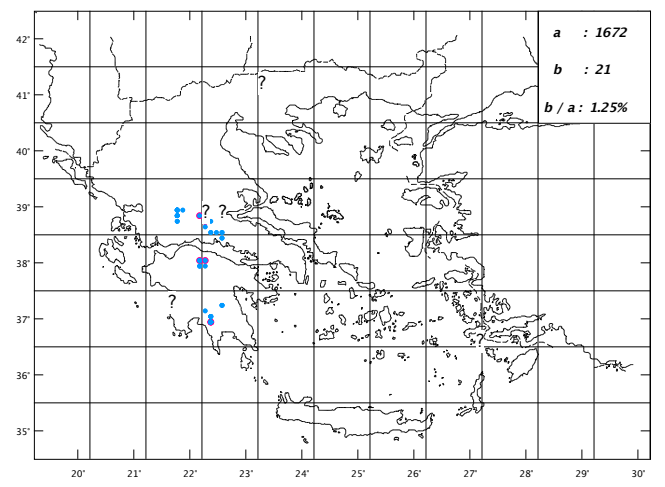
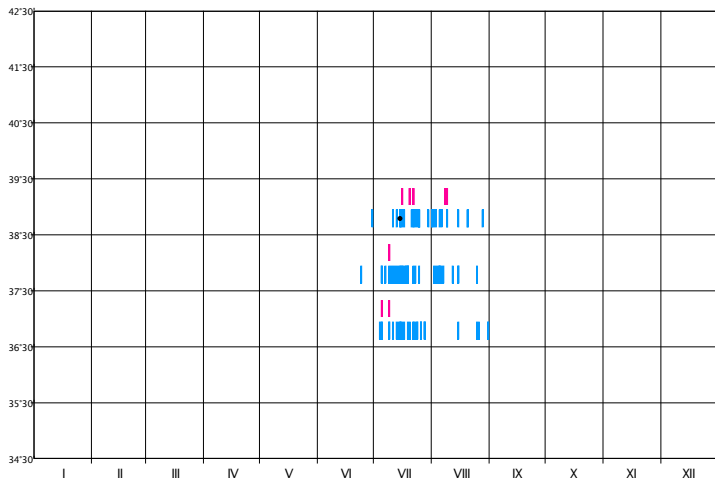
**LYCAENIDAE *Lycaena thersamon***



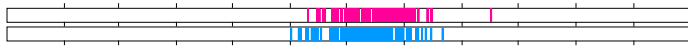
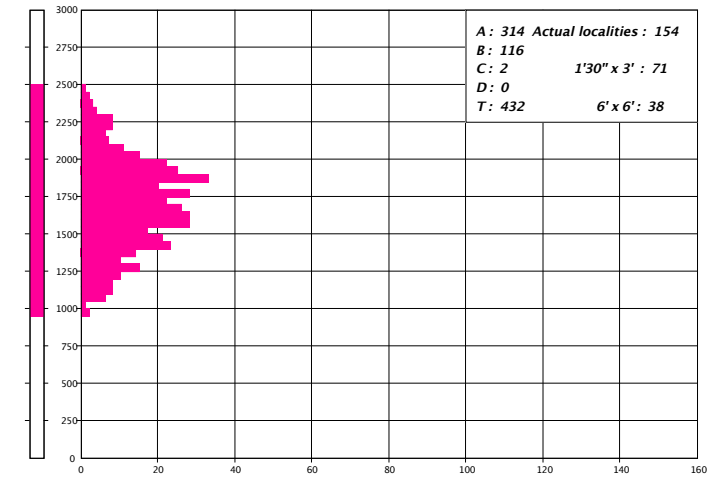
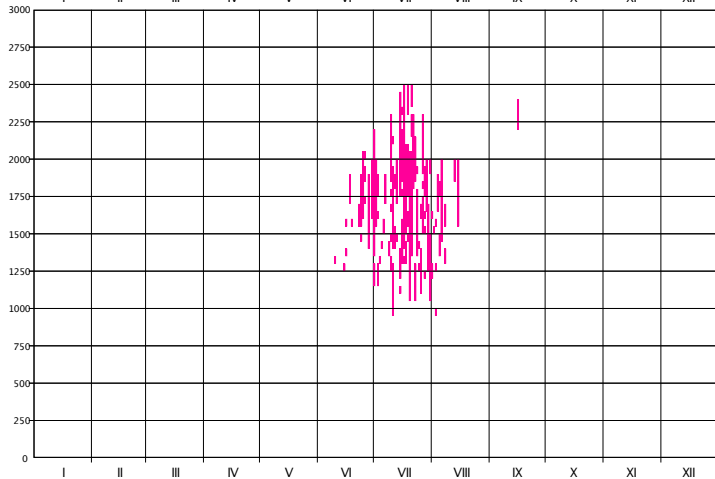
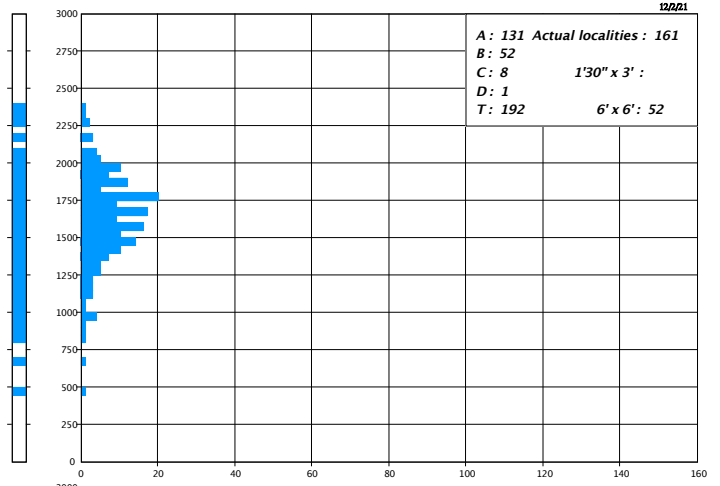
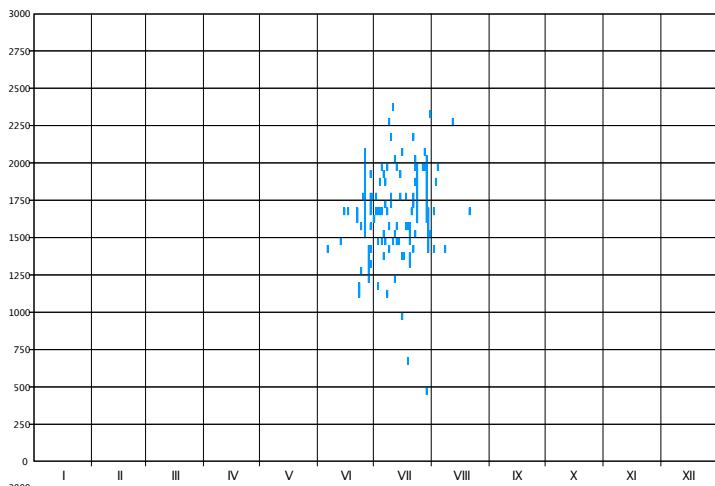
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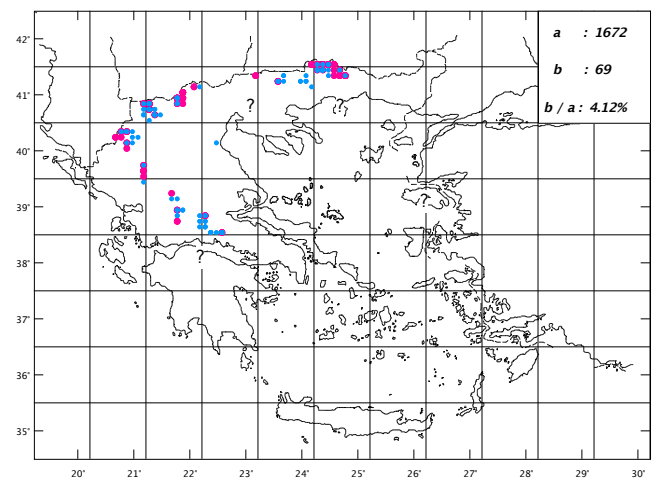
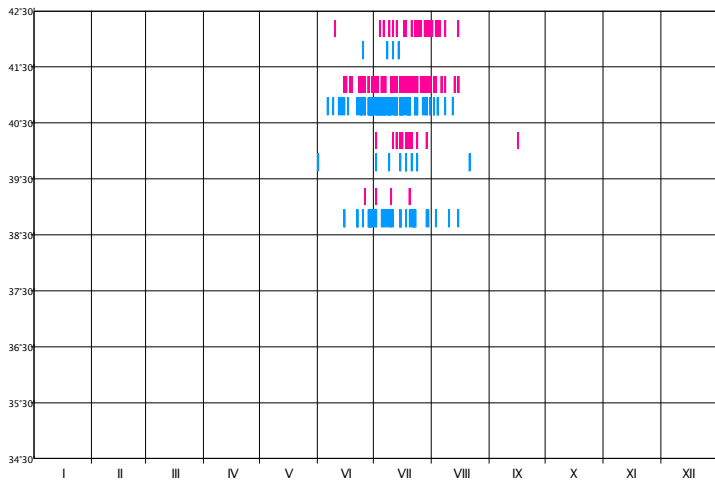
**LYCAENIDAE *Lycaena thetis***



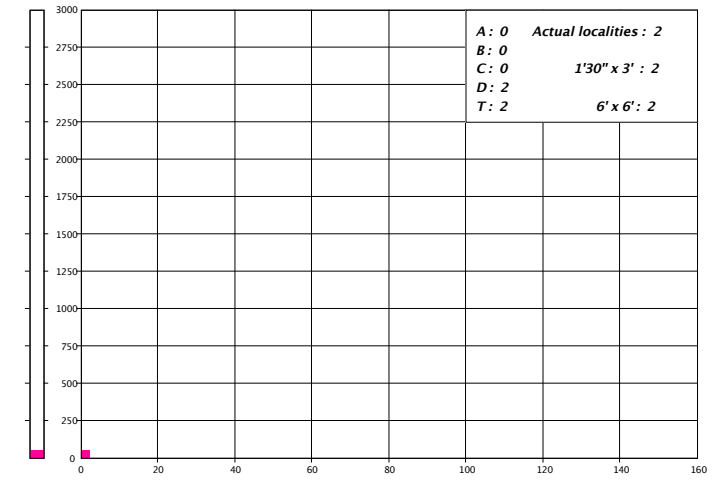
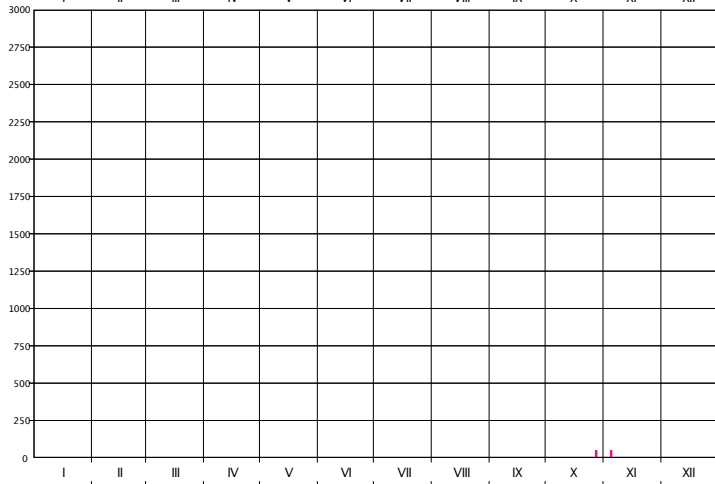
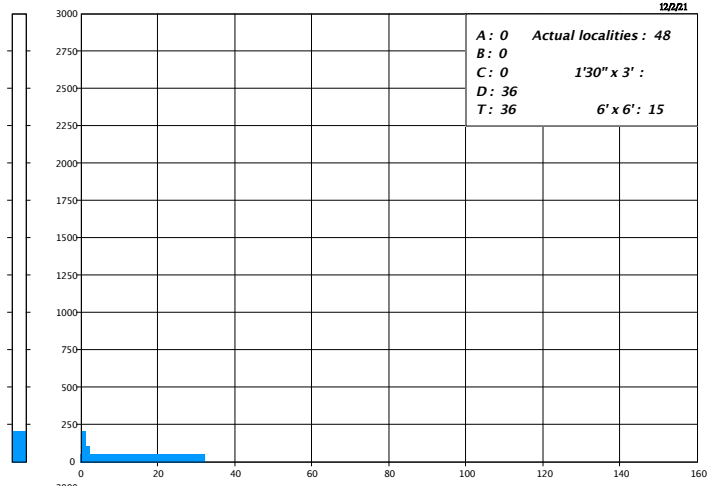
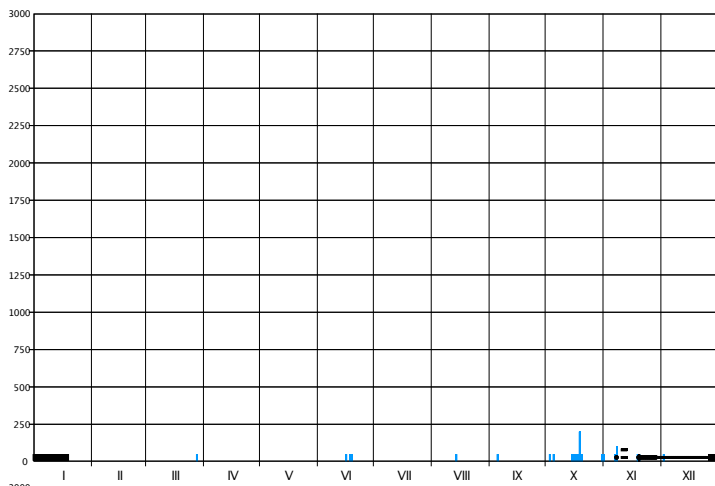
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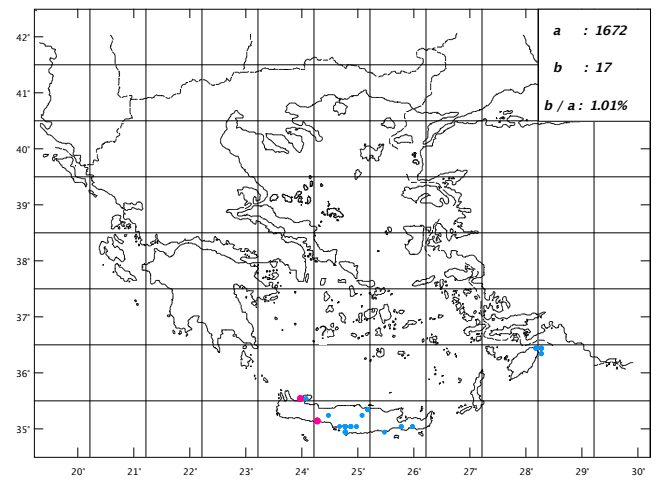
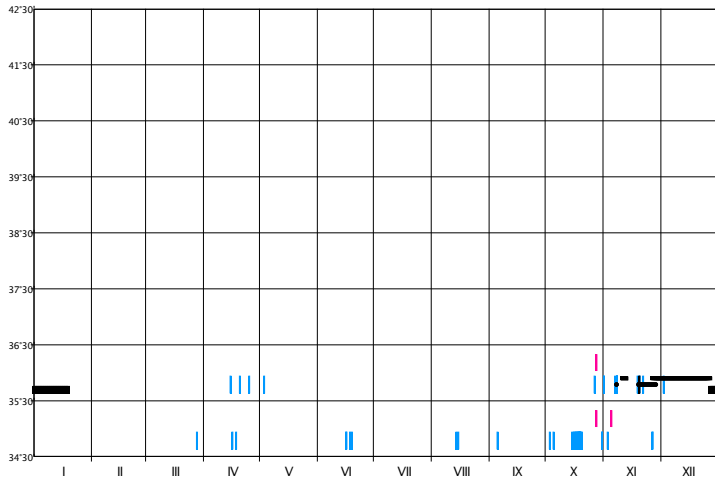
**LYCAENIDAE *Lycaena candens***

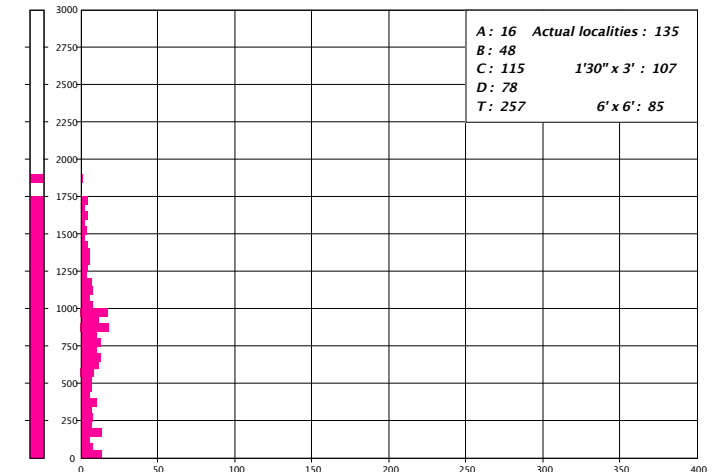
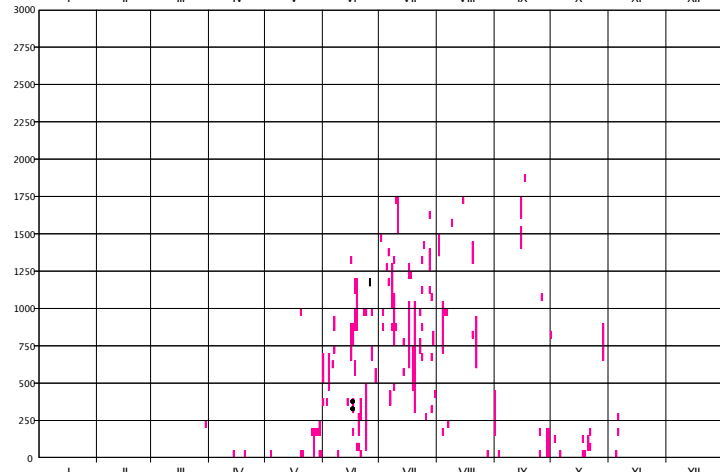
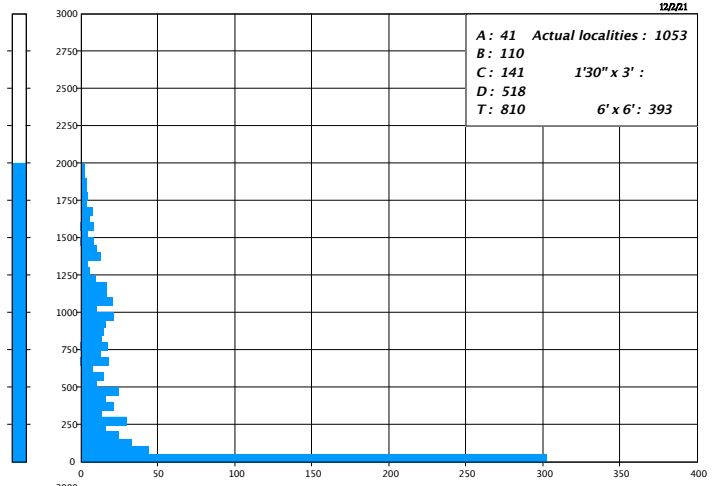
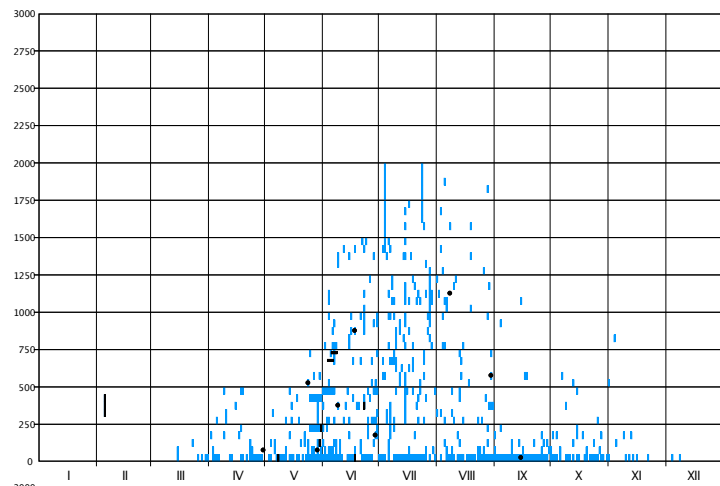


<http://www.pamperis.gr/PHOTOGRAPHS/Lycaena.html>

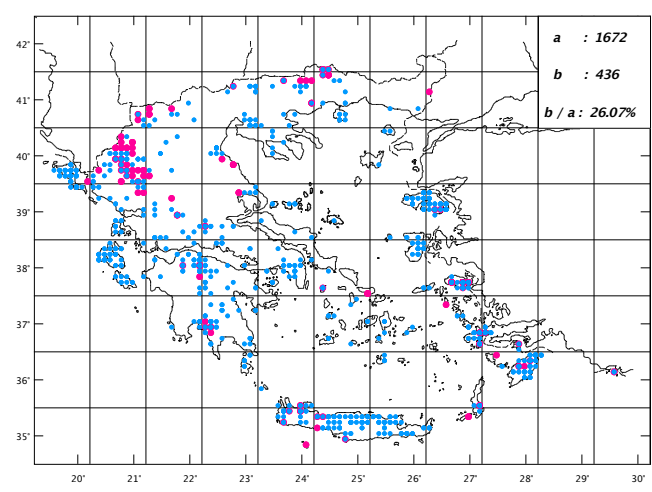
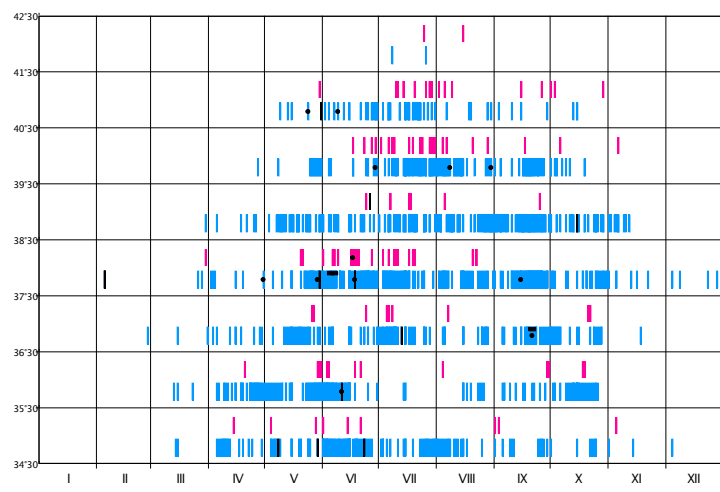


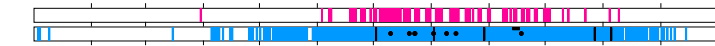
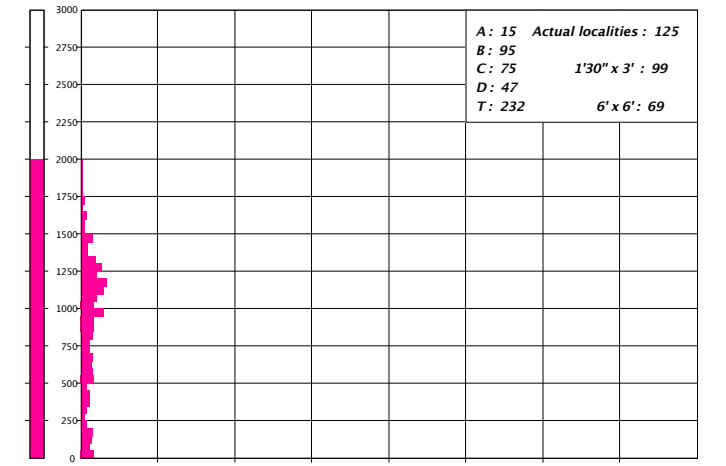
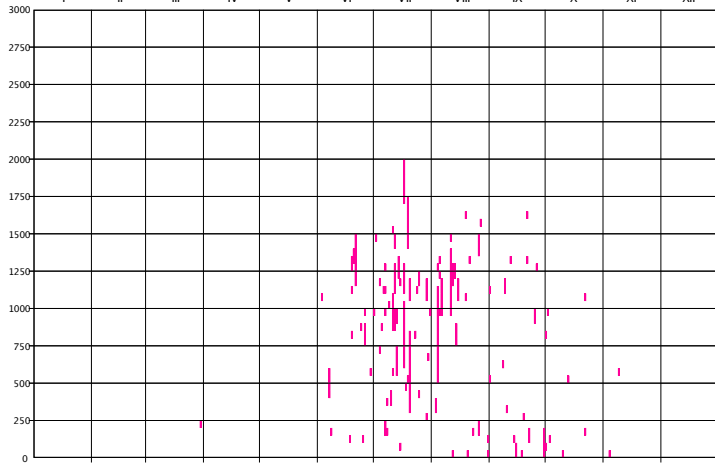
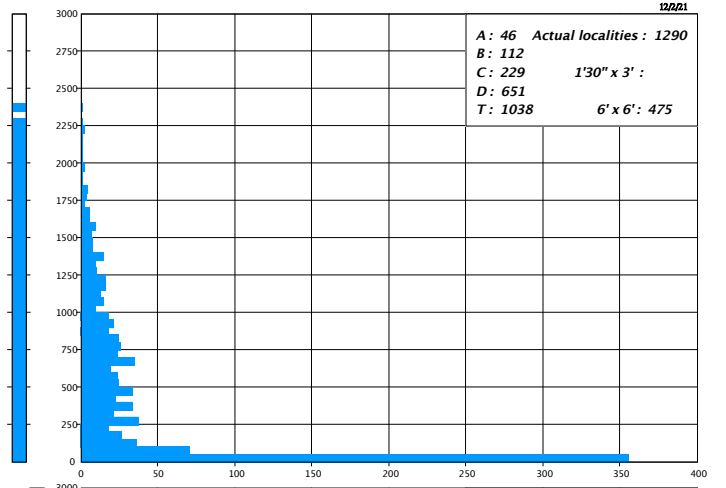
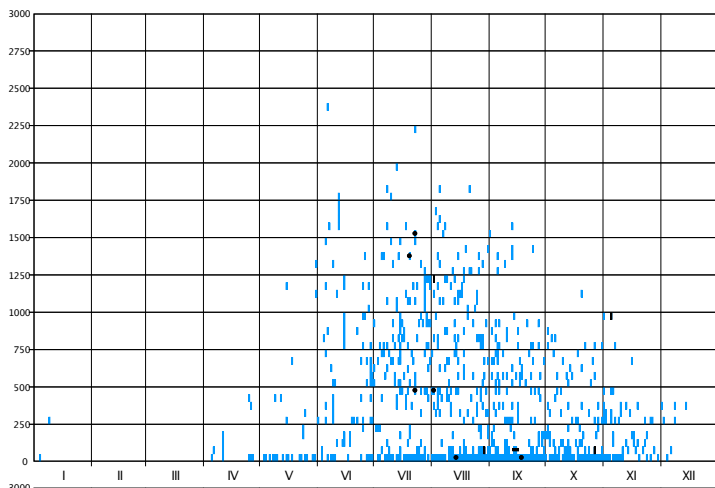
**LYCAENIDAE *Zizeeria karsandra***



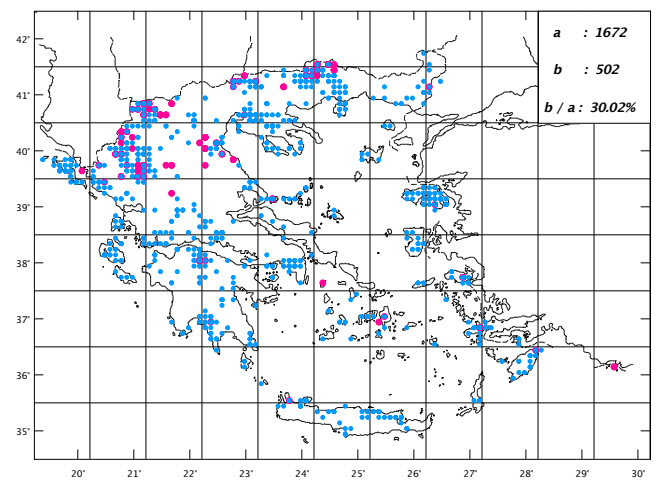
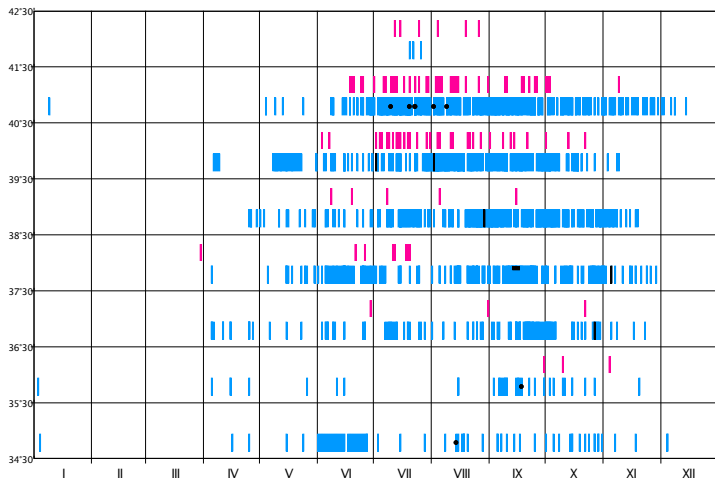


**LYCAENIDAE *Lampides boeticus***

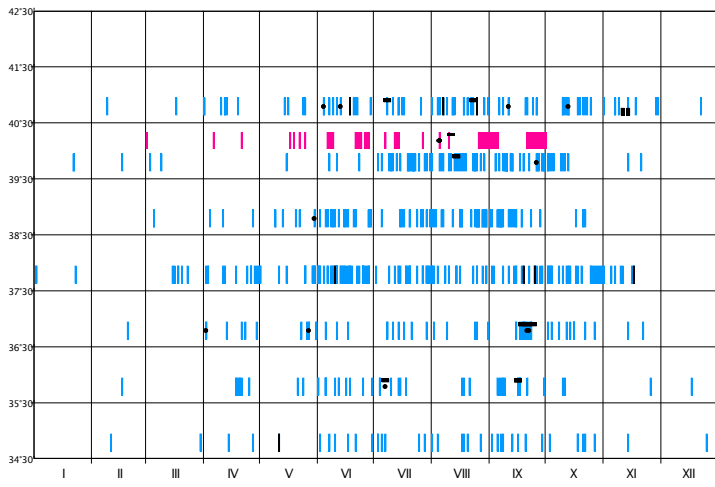
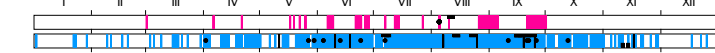
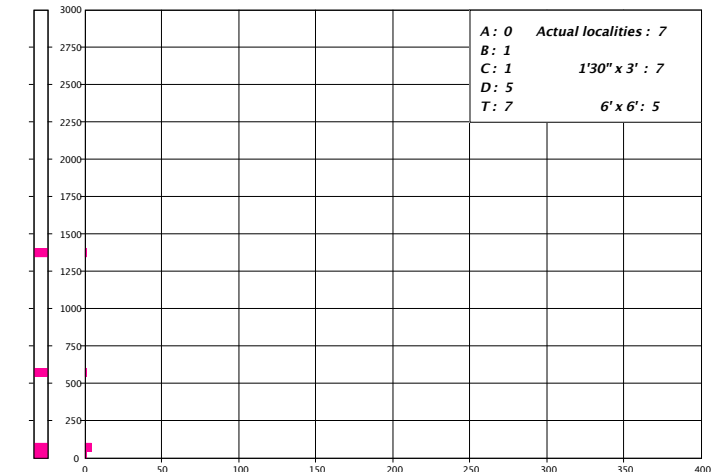
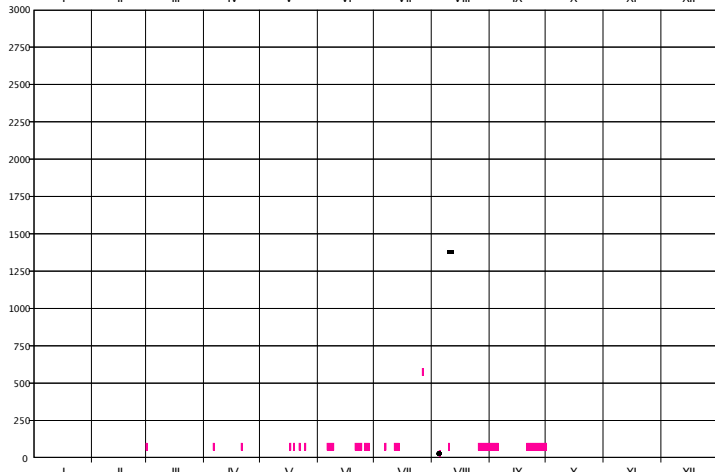
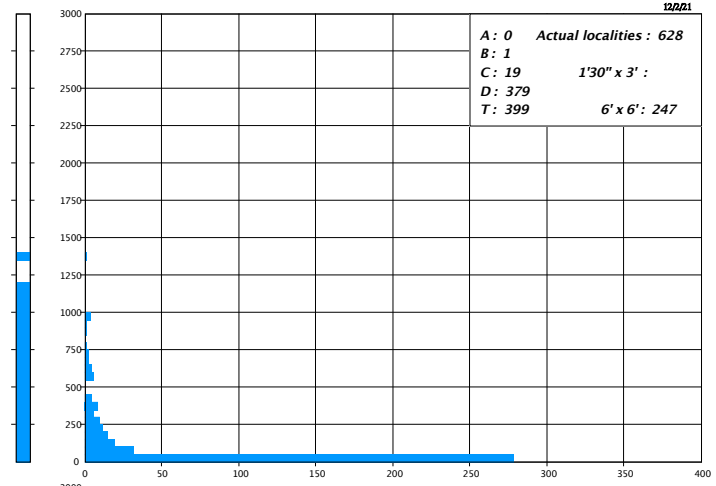
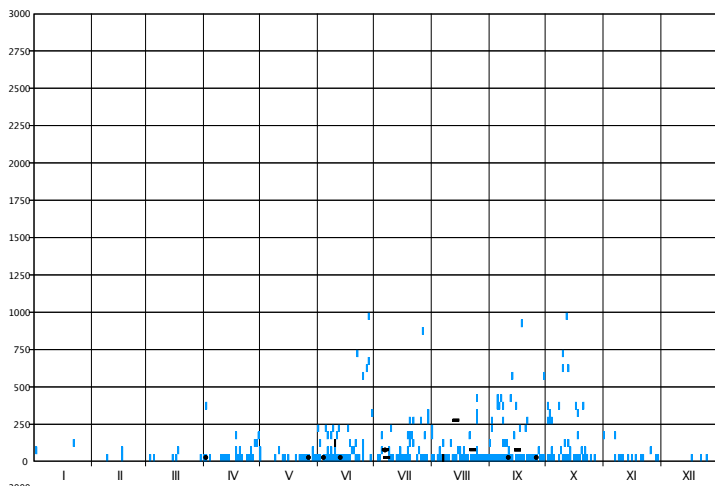




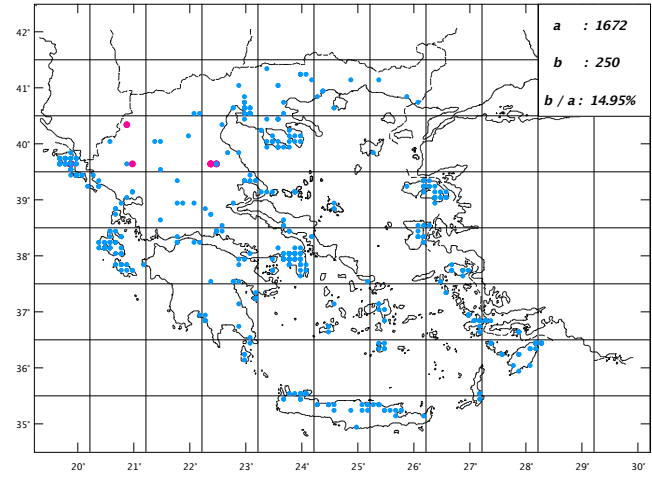
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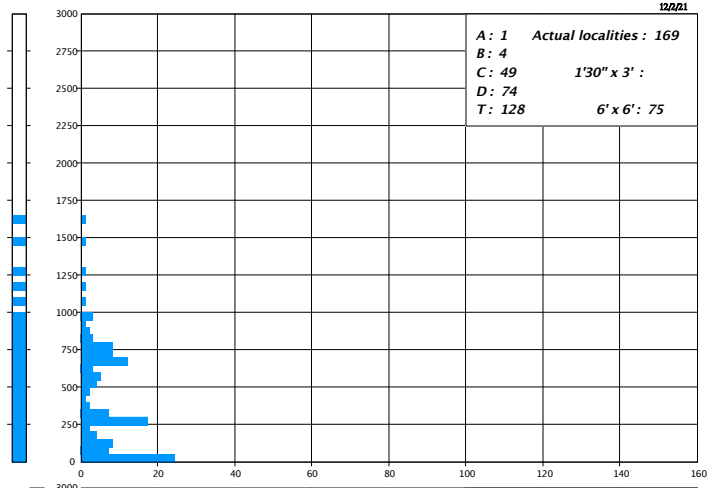
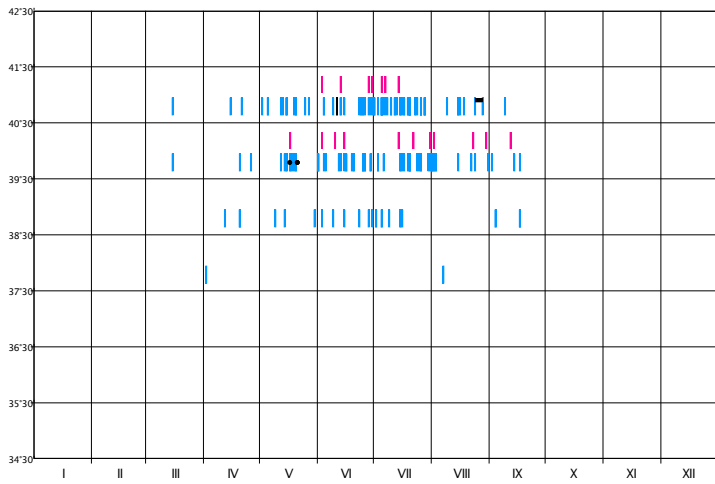
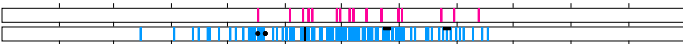
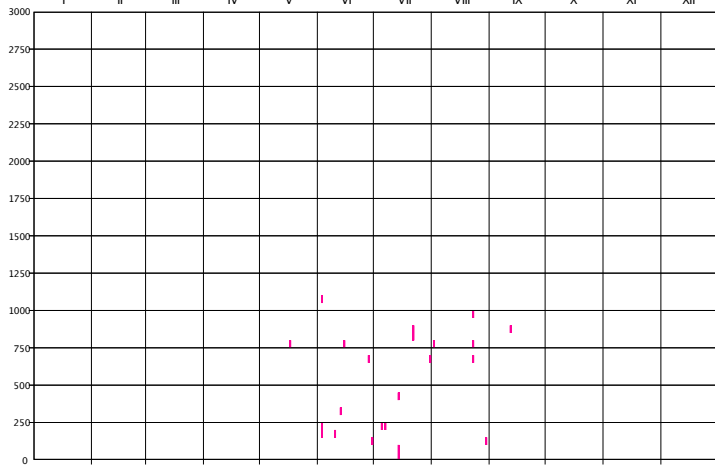
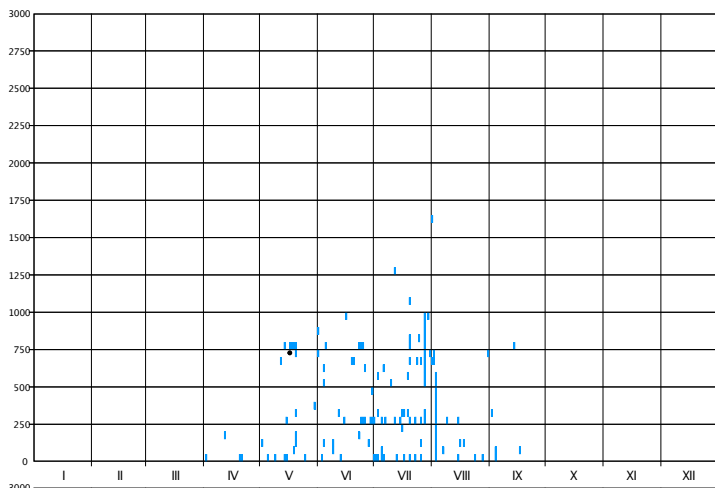




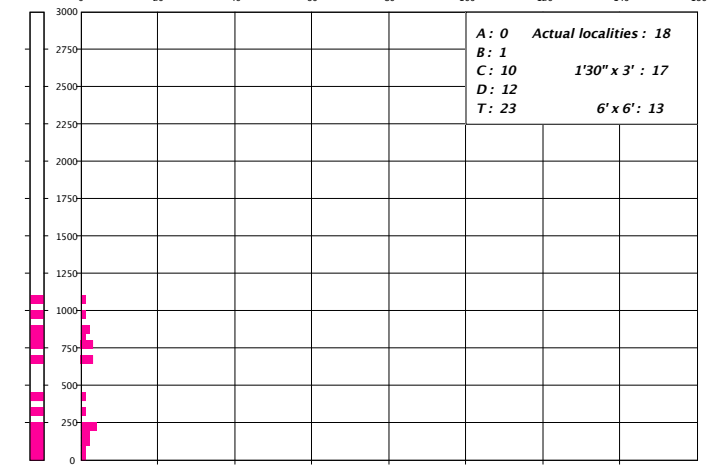


**LYCAENIDAE *Cacyrus marshalli***



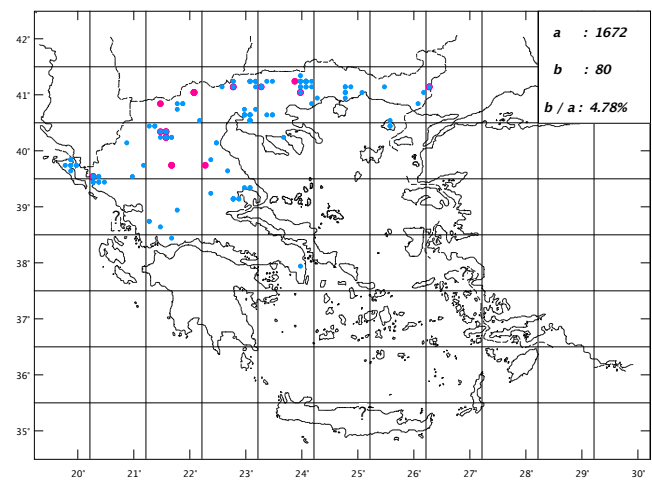


12021  
**A : 1 Actual localities : 169**  
**B : 4**  
**C : 49 1'30" x 3' :**  
**D : 74**  
**T : 128 6' x 6' : 75**

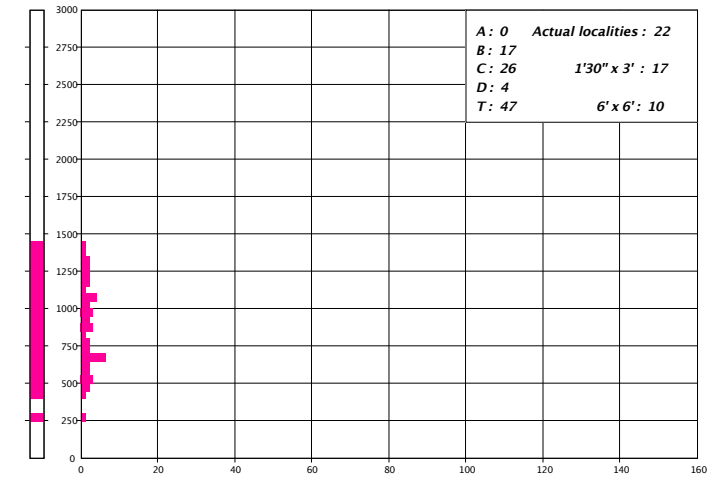
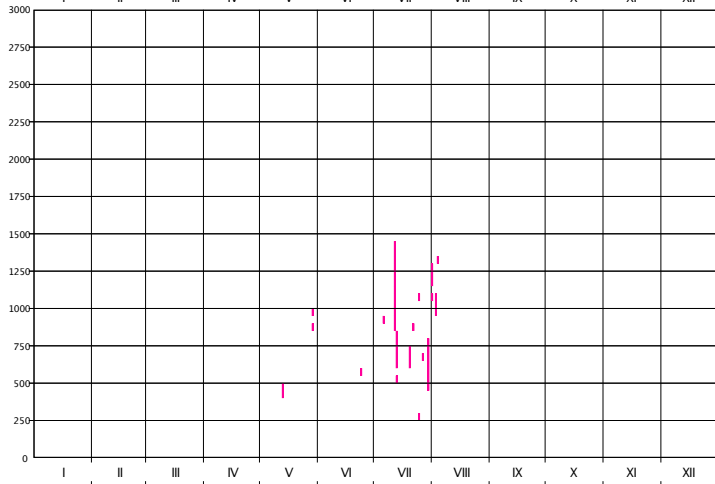
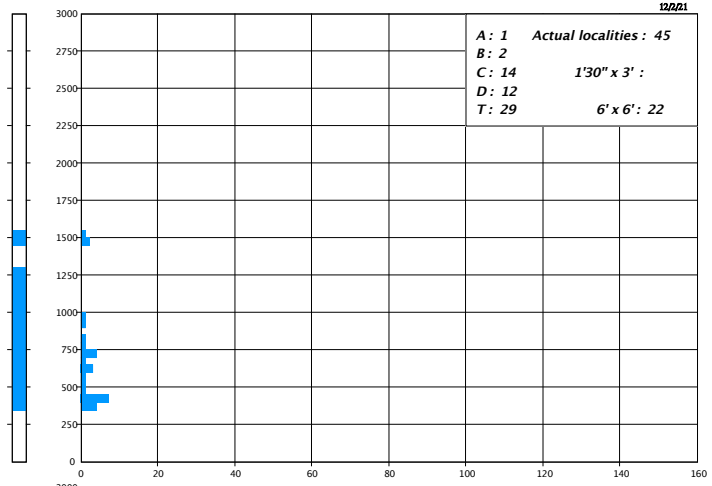
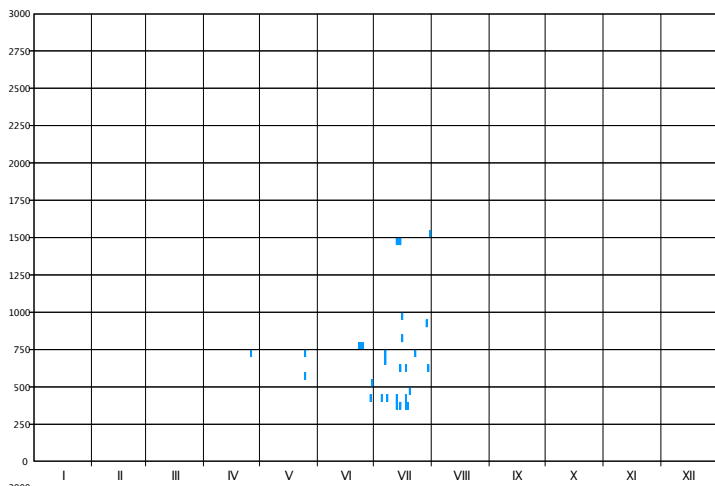


**A : 0 Actual localities : 18**  
**B : 1**  
**C : 10 1'30" x 3' : 17**  
**D : 12**  
**T : 23 6' x 6' : 13**

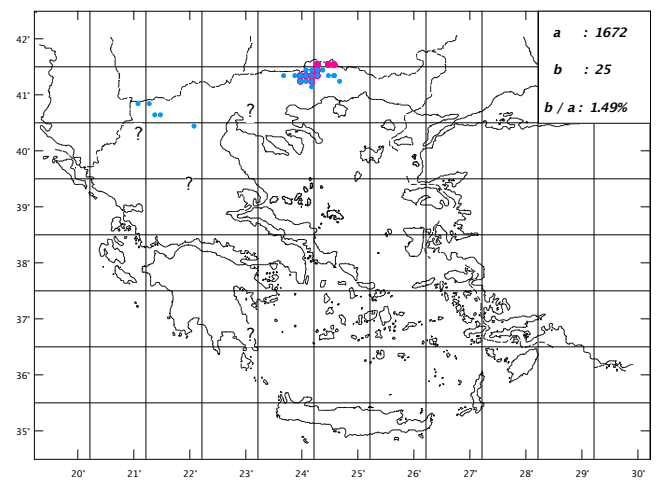
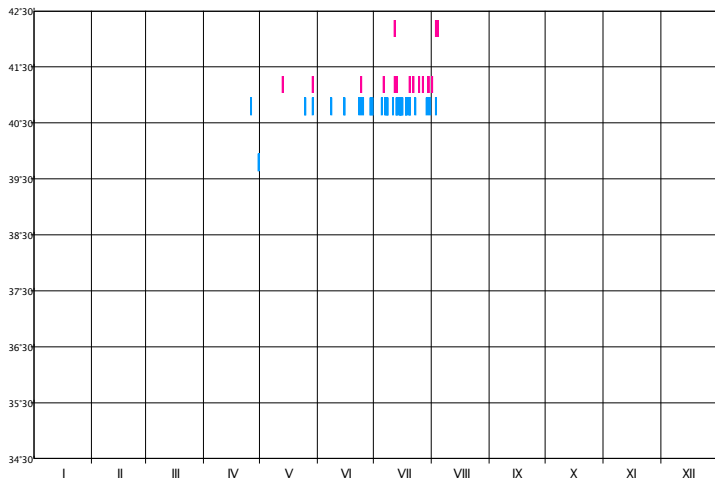
**LYCAENIDAE *Tarucus balkanicus***

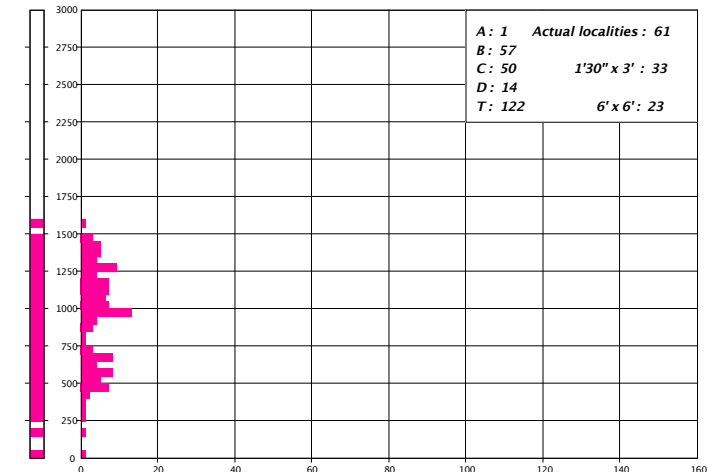
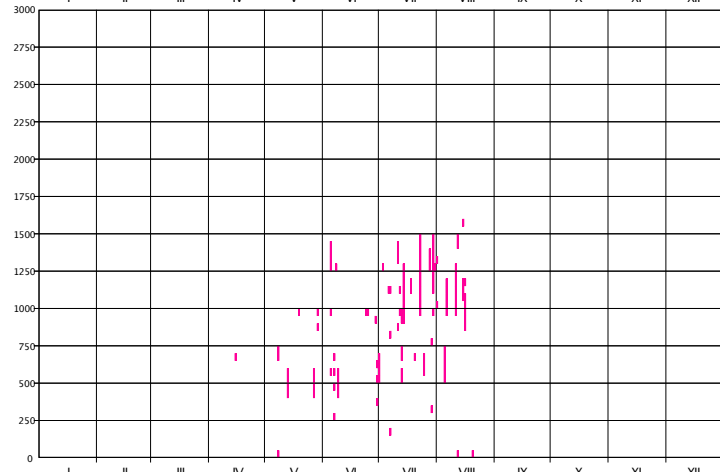
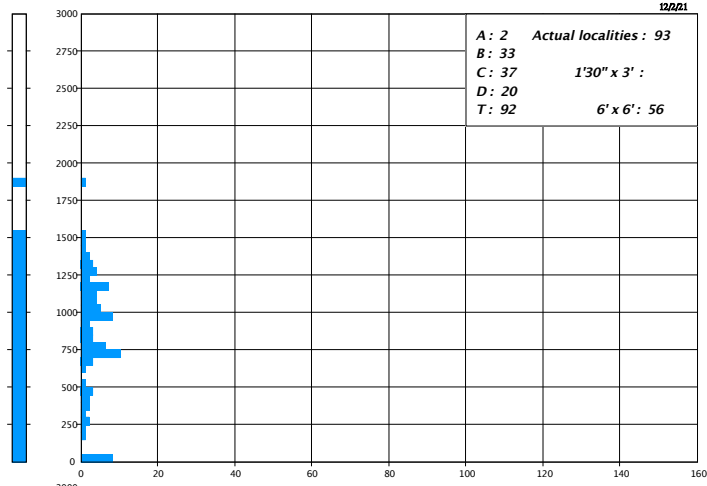
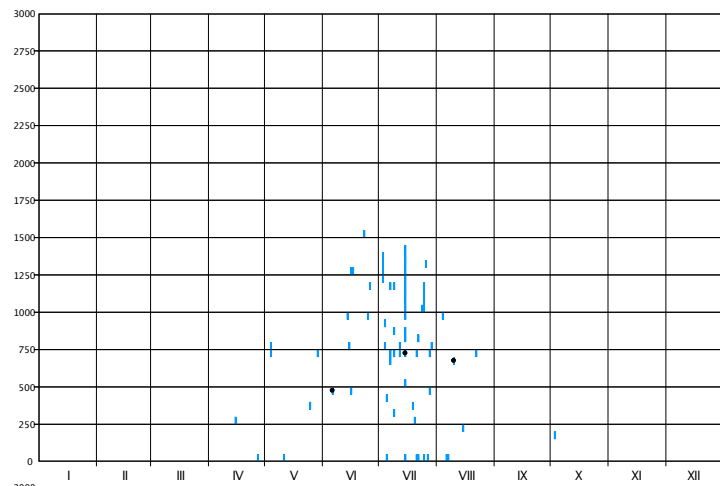


**a : 1672**  
**b : 80**  
**b / a : 4.78%**

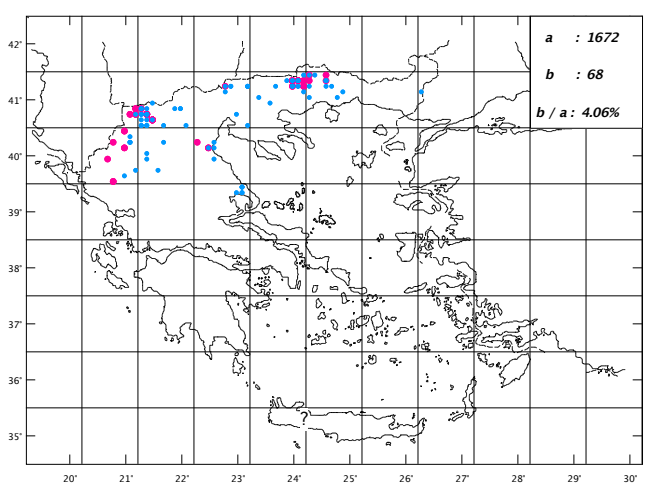
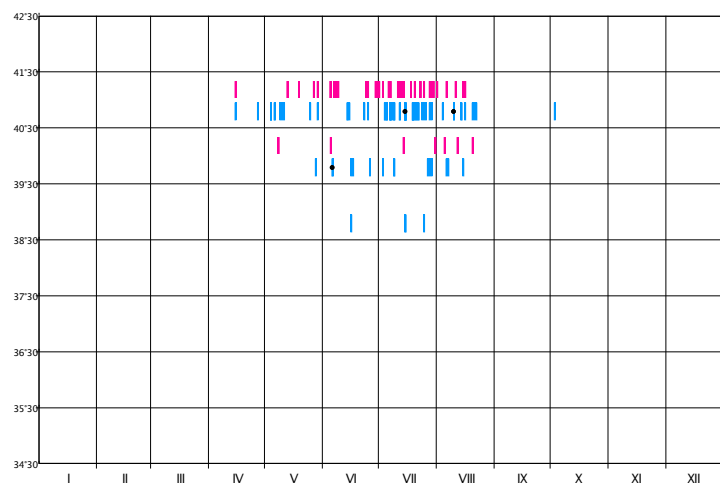


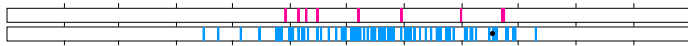
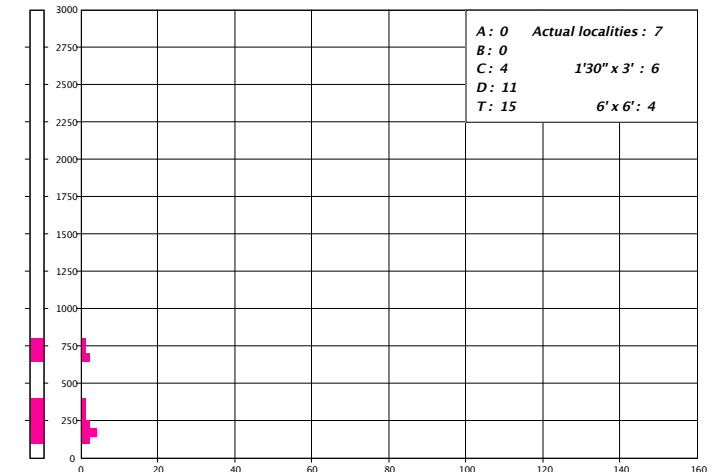
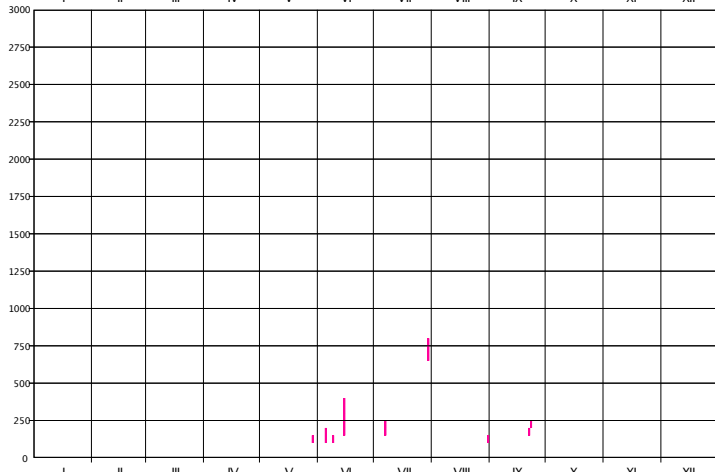
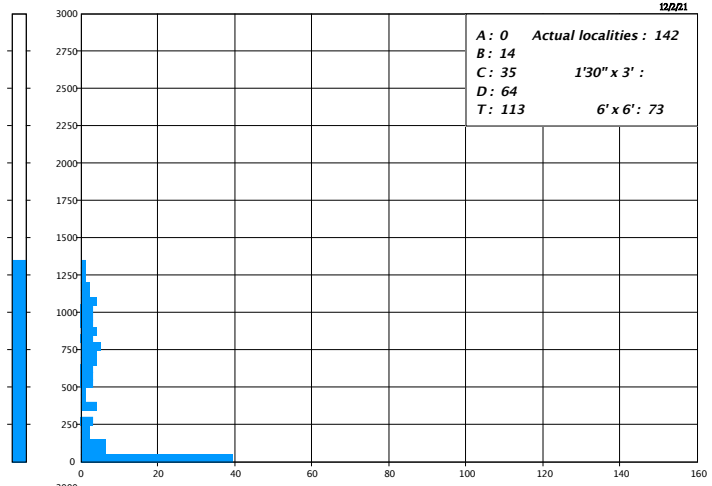
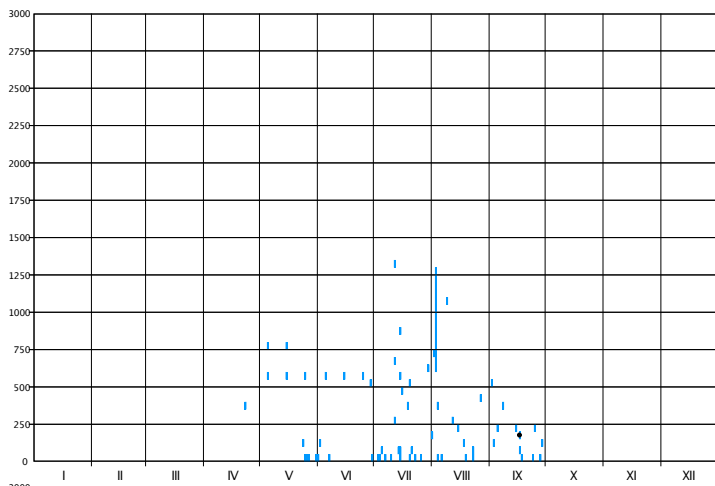
**LYCAENIDAE *Cupido decoloratus***



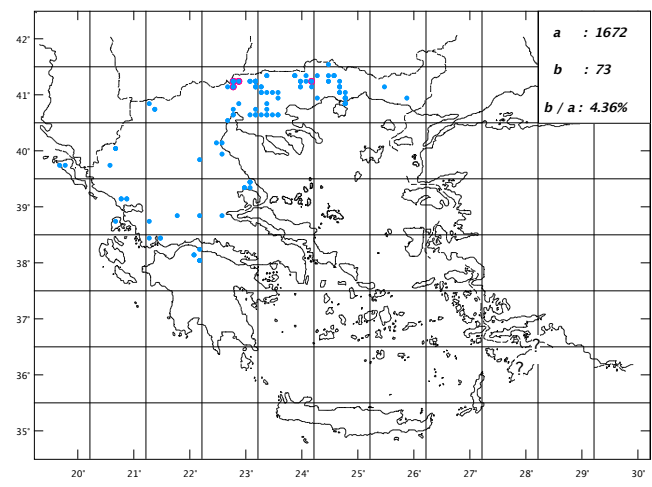
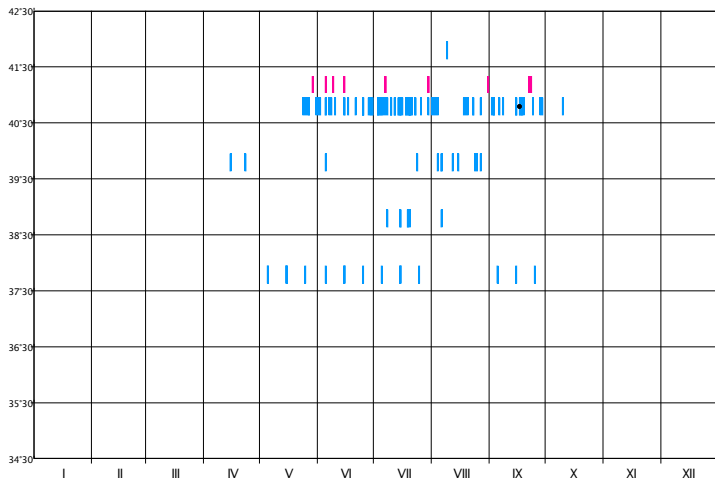


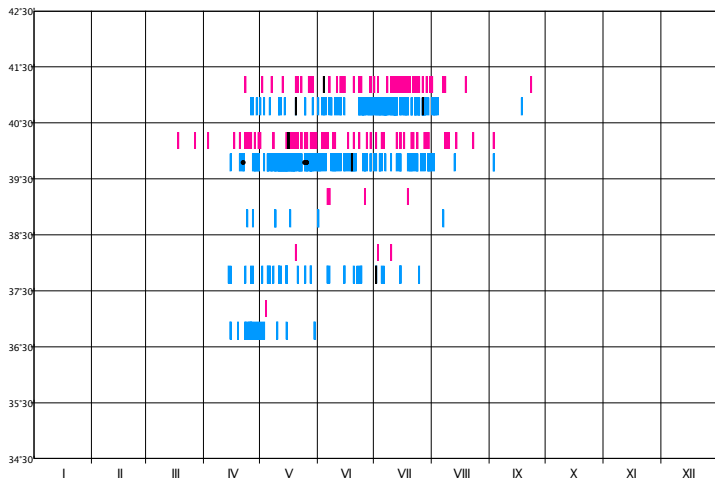
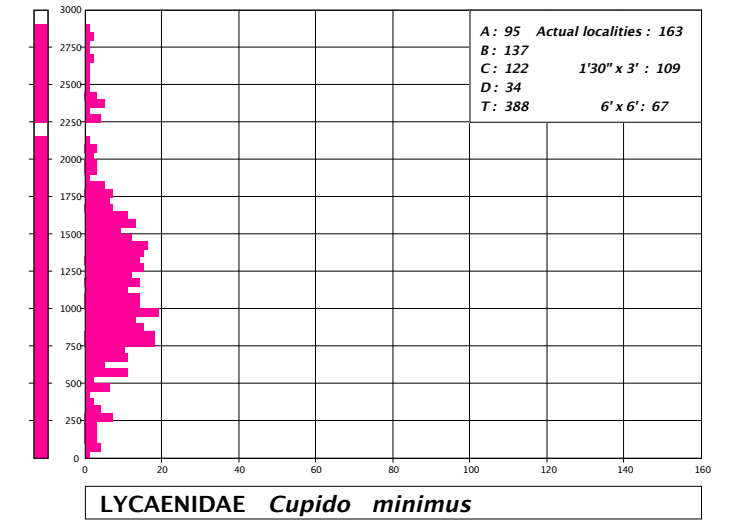
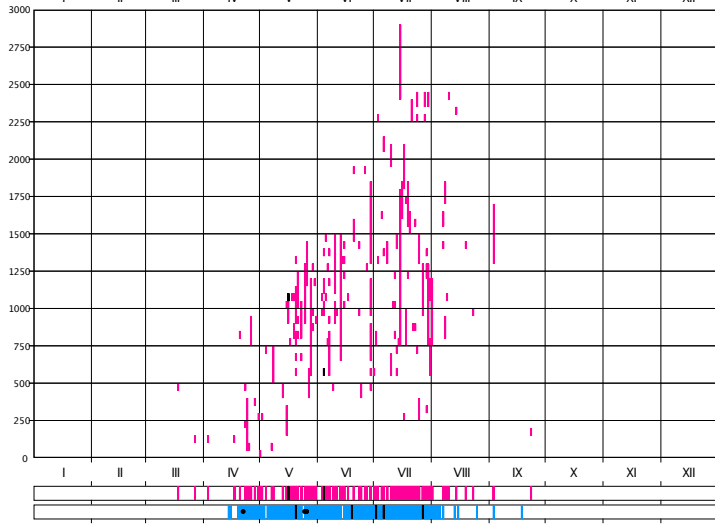
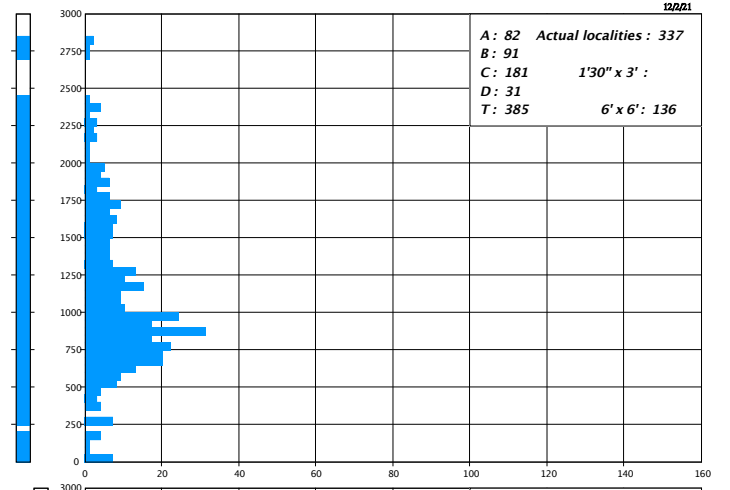
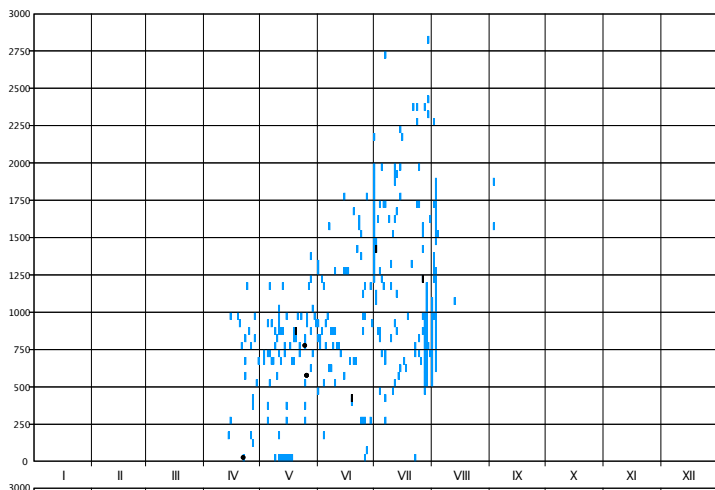
**LYCAENIDAE *Cupido alcetas***



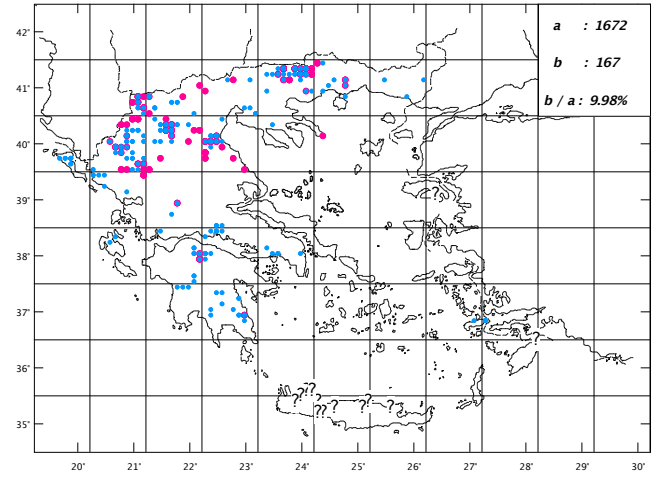


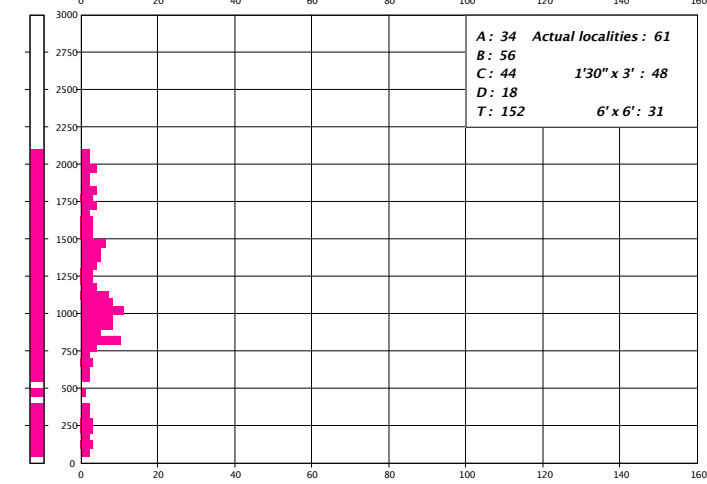
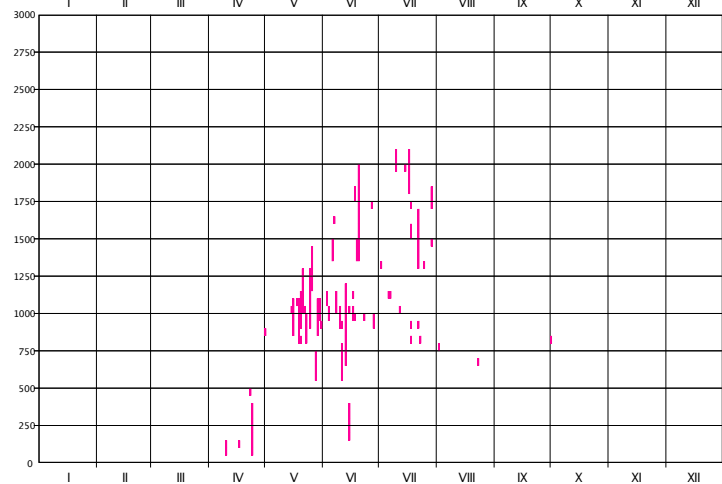
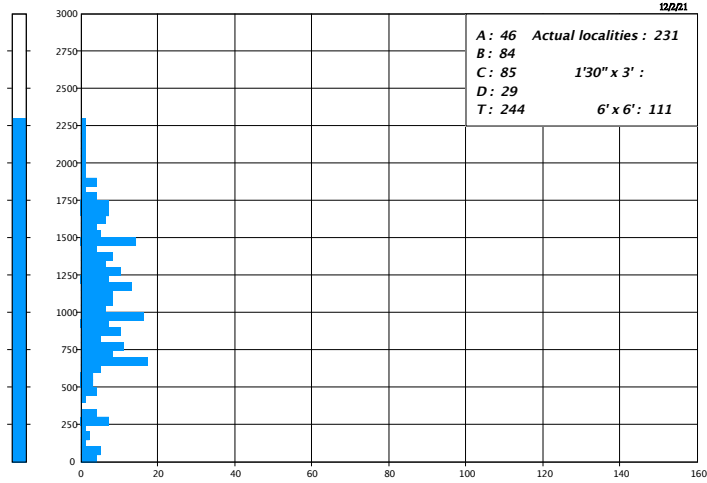
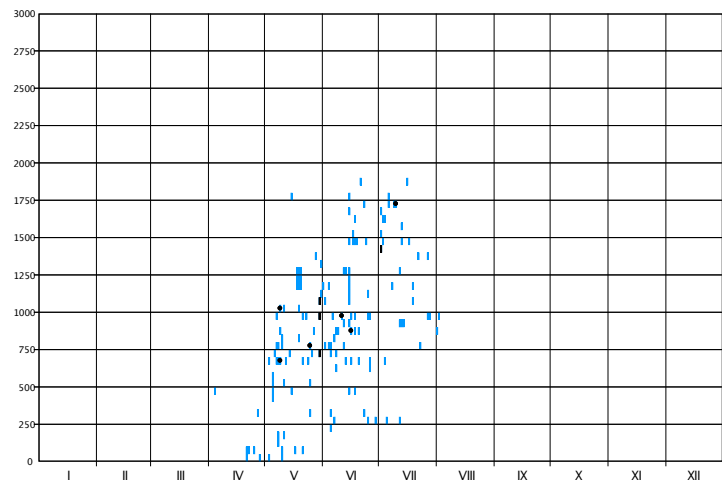
**LYCAENIDAE *Cupido argiades***



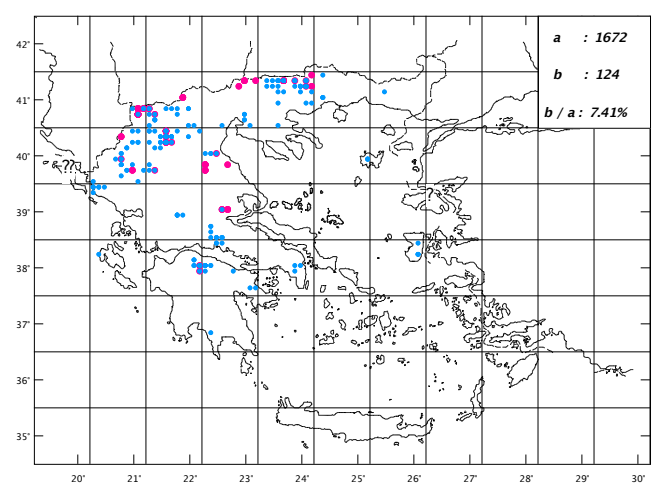
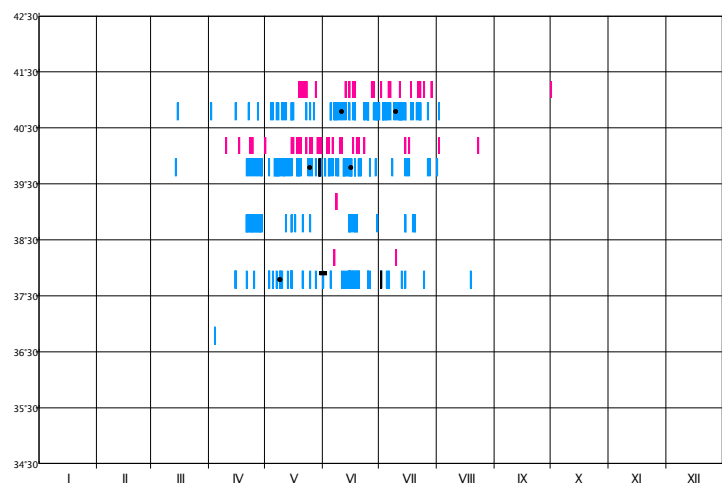


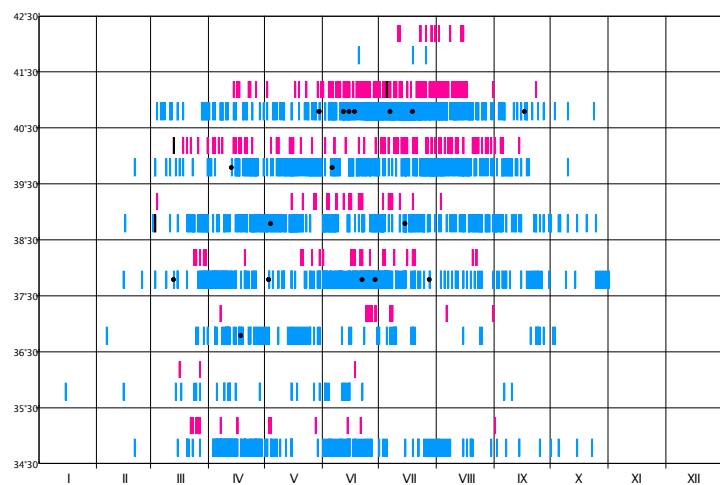
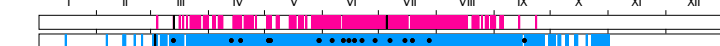
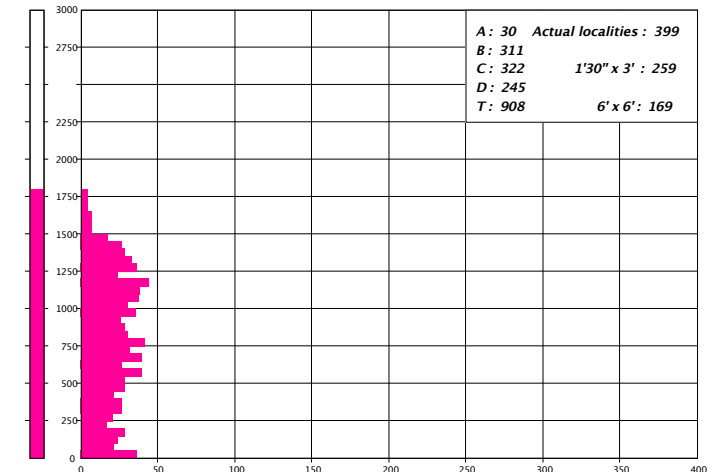
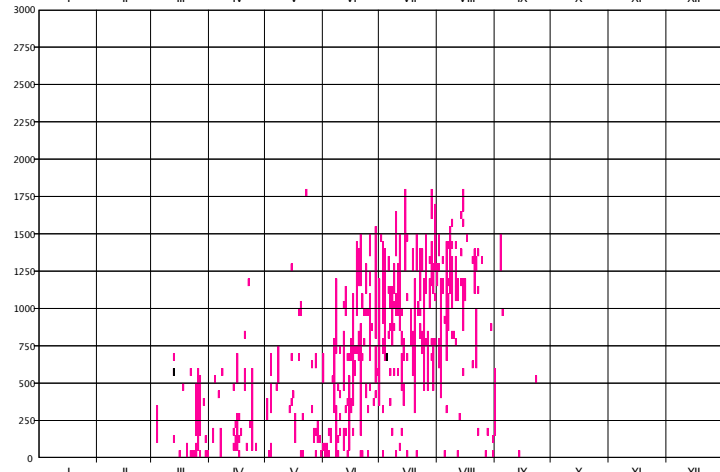
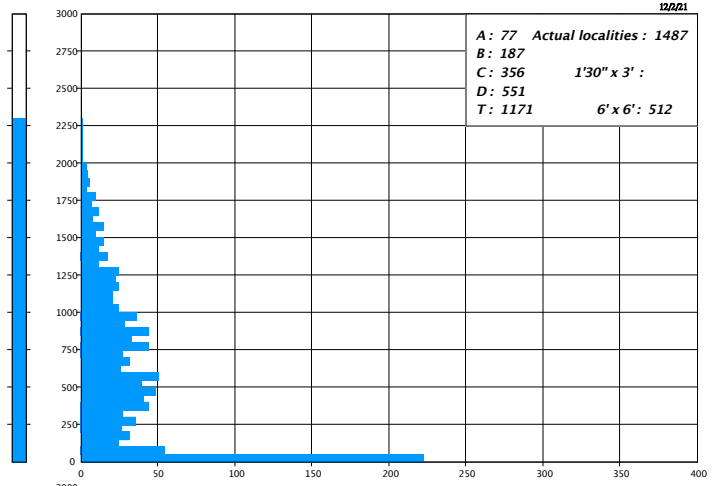
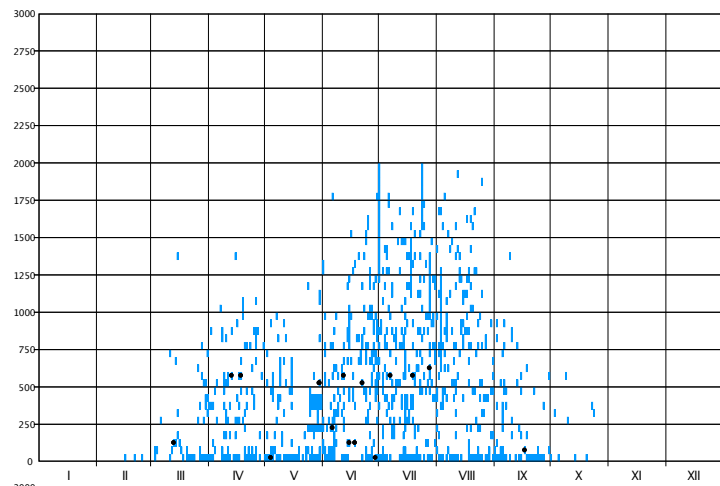
**LYCAENIDAE *Cupido minimus***



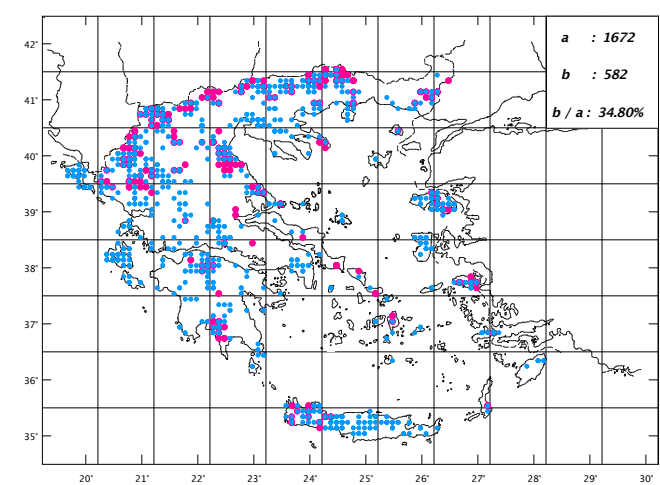


**LYCAENIDAE *Cupido osiris***

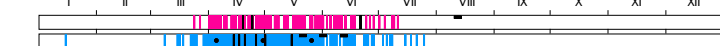
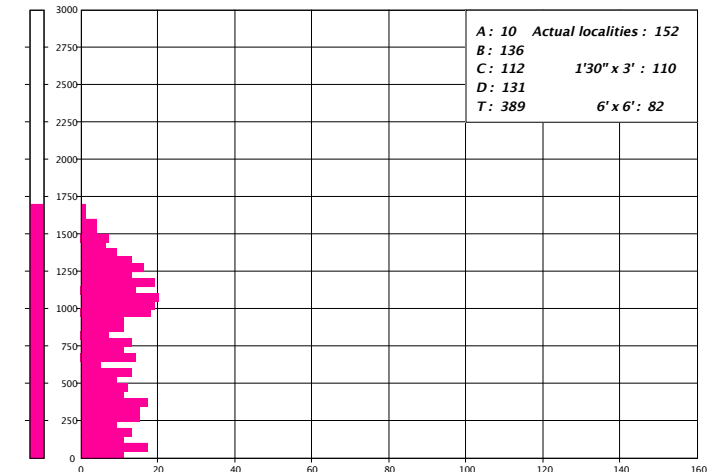
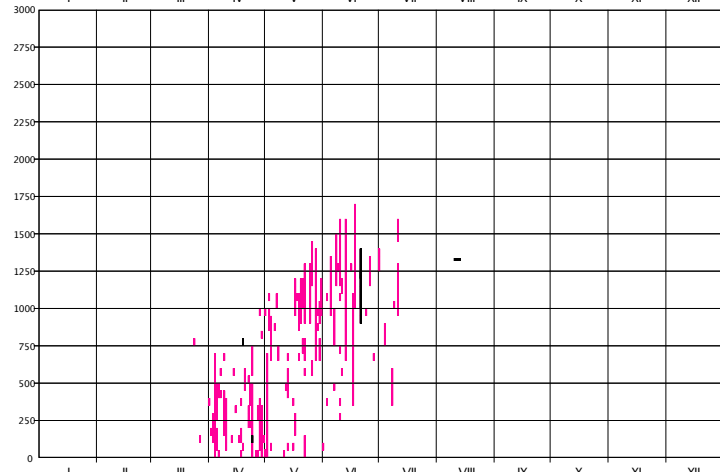
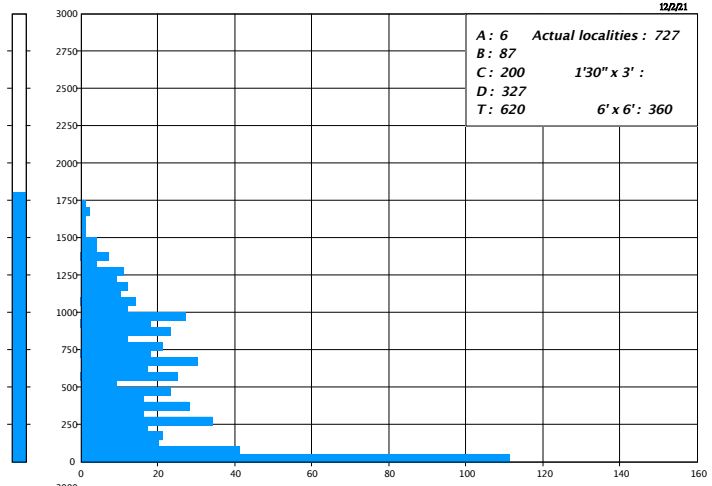
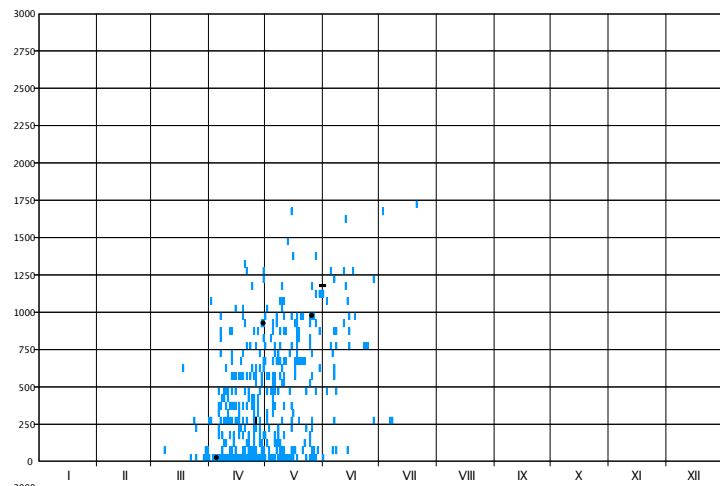




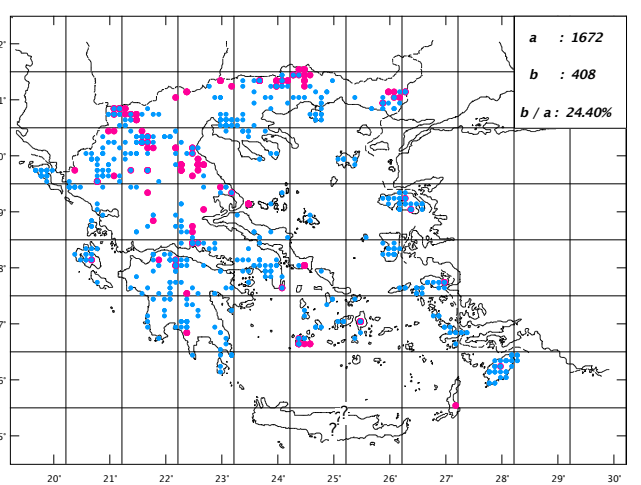
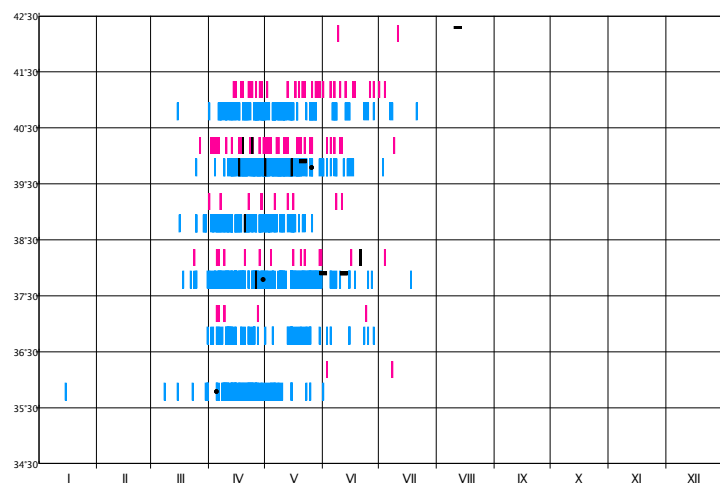
LYCAENIDAE *Celastrina argiolus*

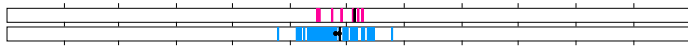
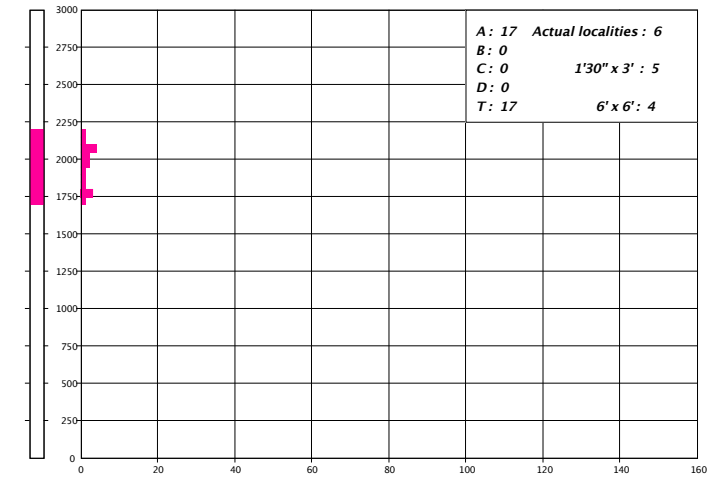
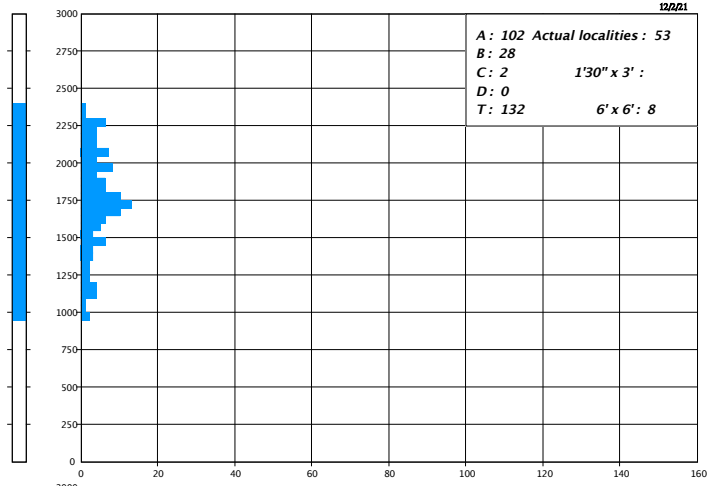
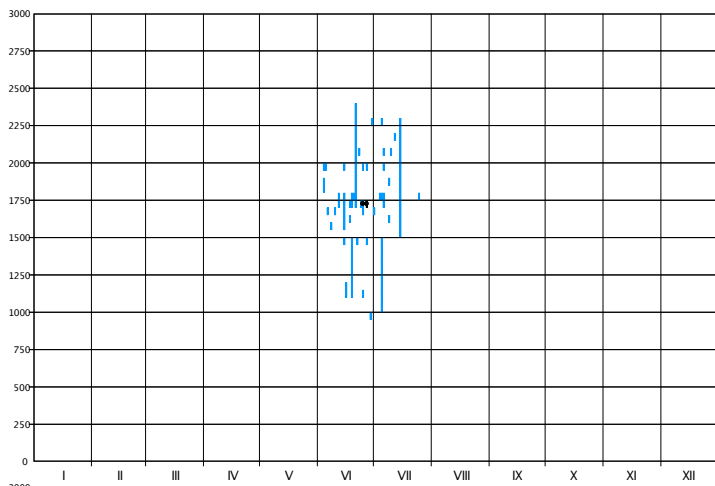




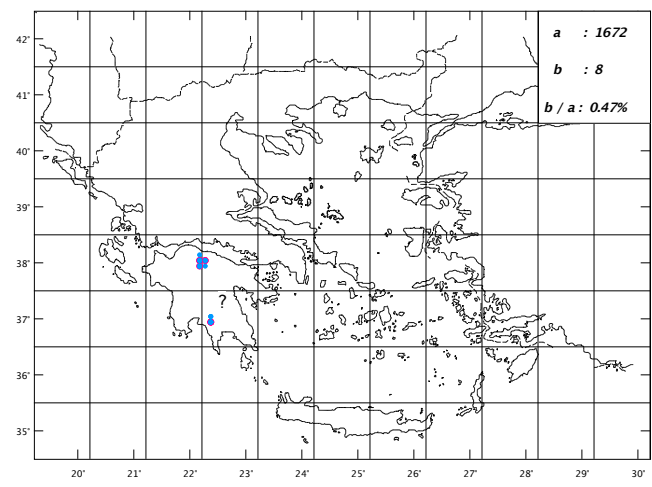
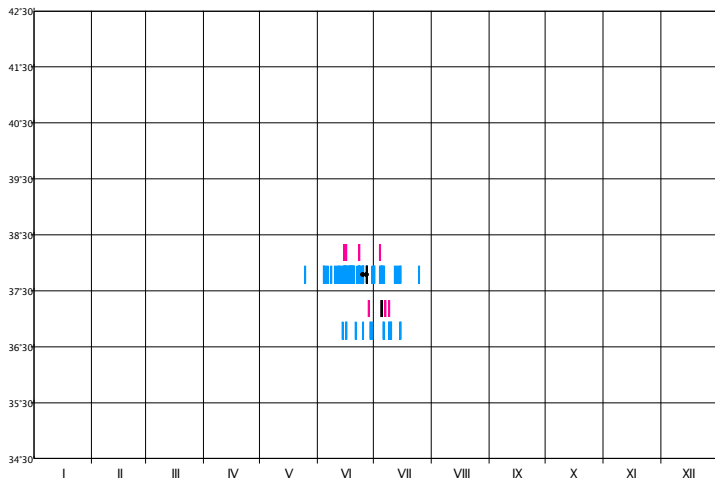


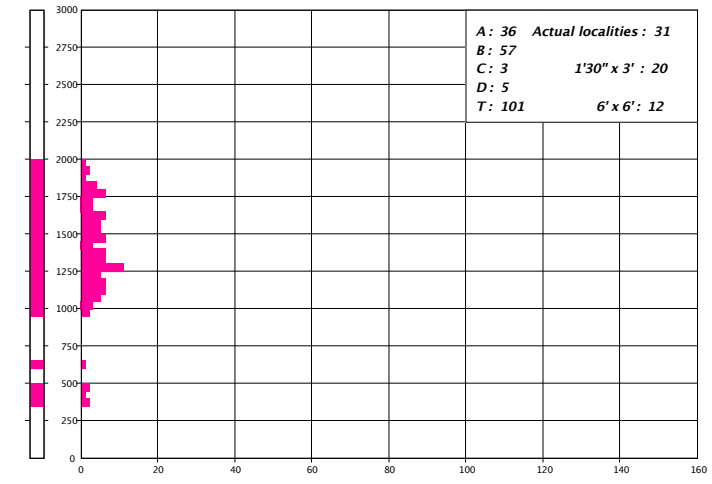
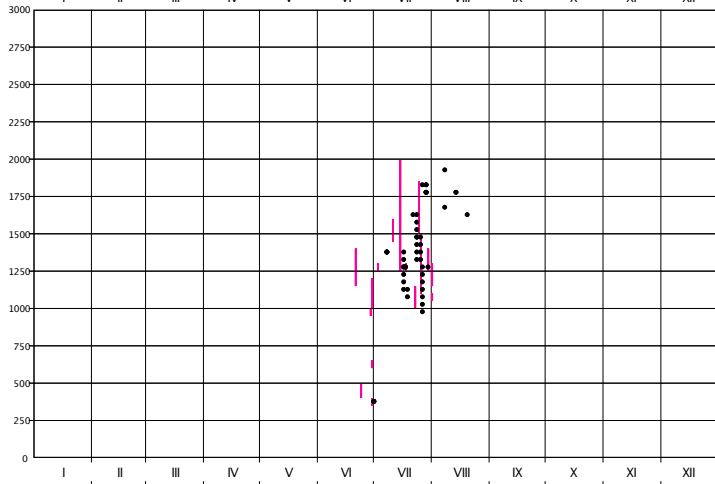
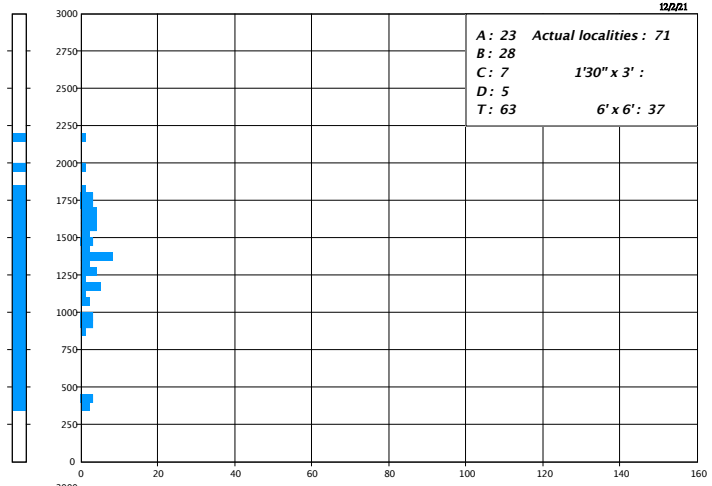
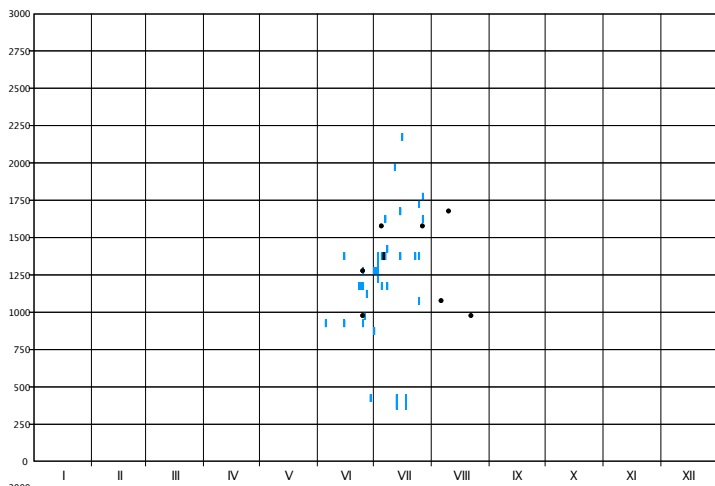
**LYCAENIDAE *Glaucopsyche alexis***



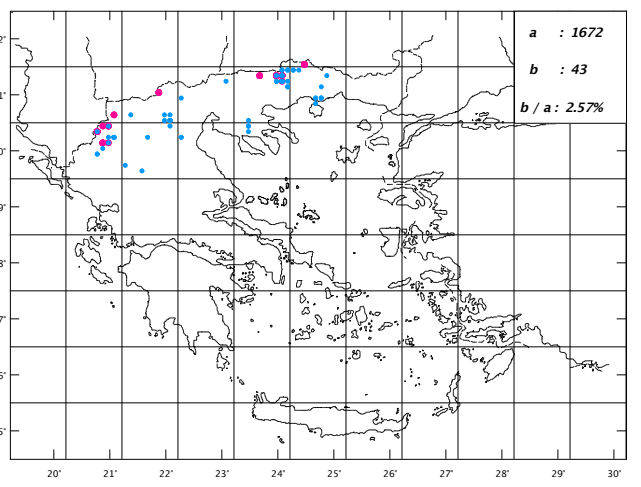
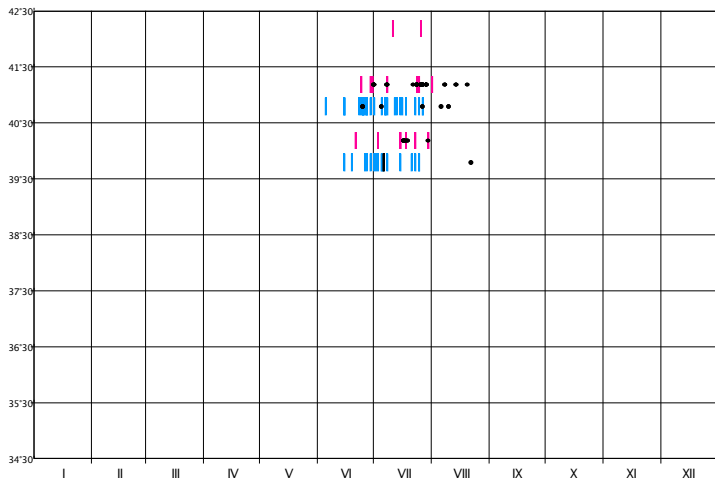


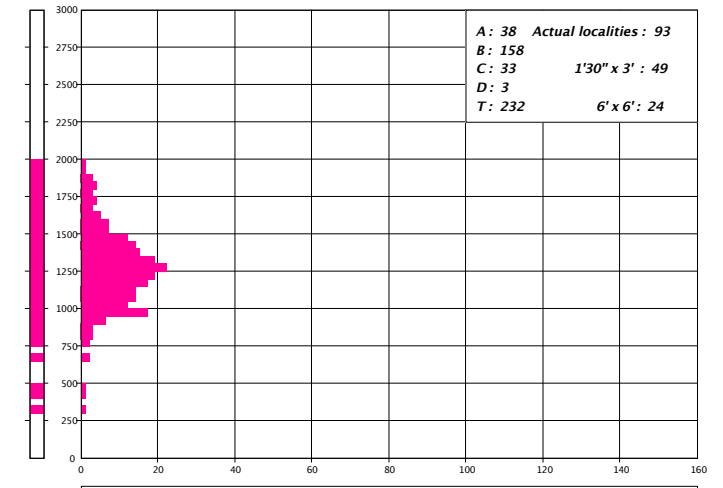
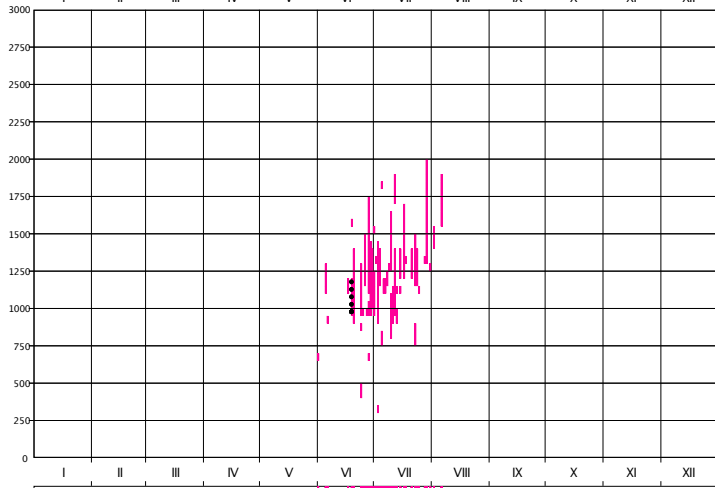
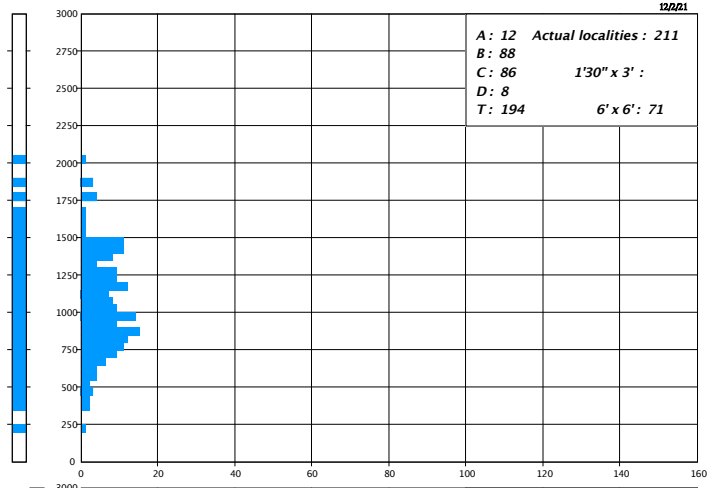
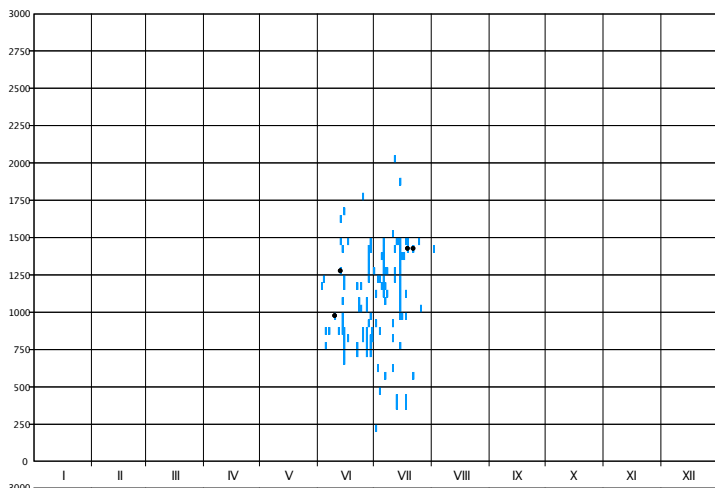
**LYCAENIDAE *Turanana taygetica***



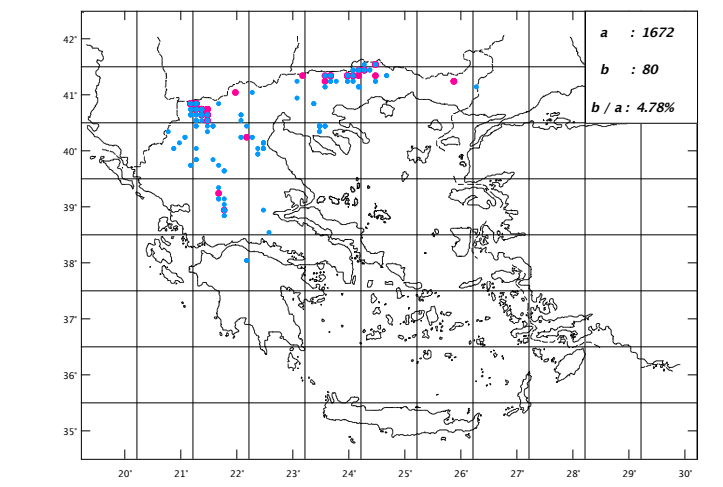
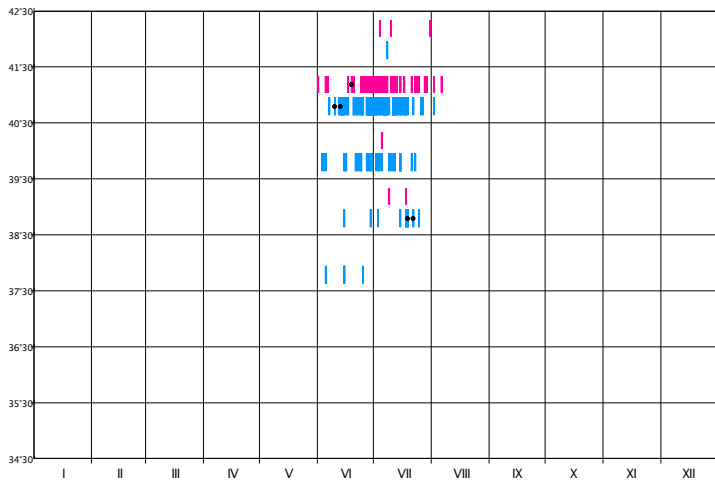


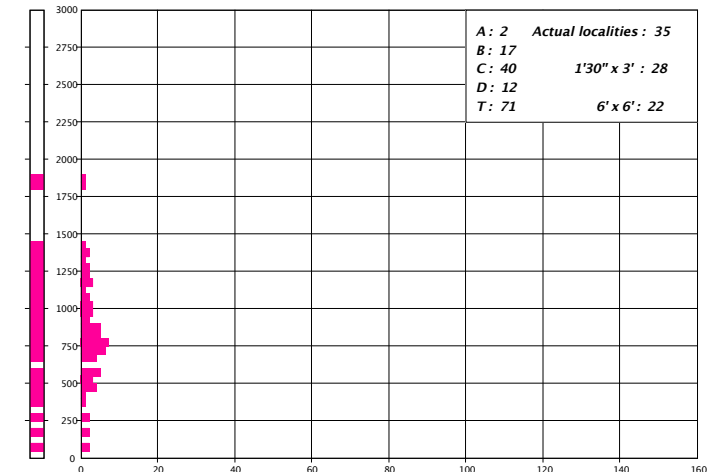
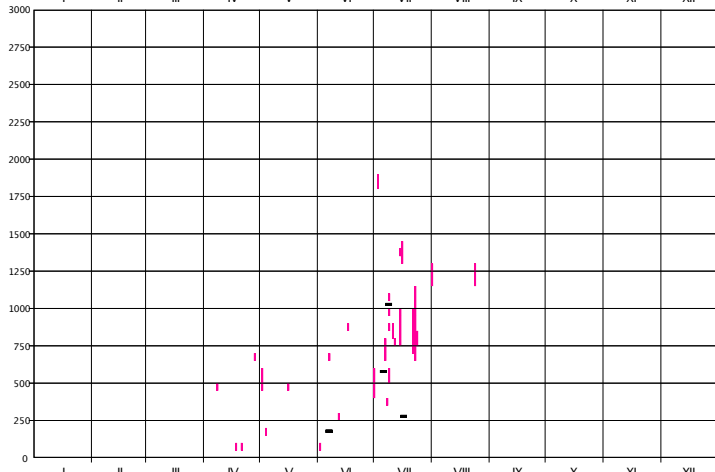
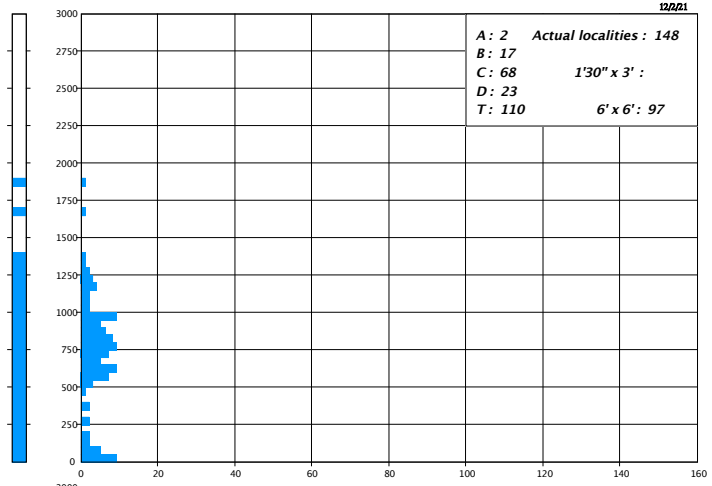
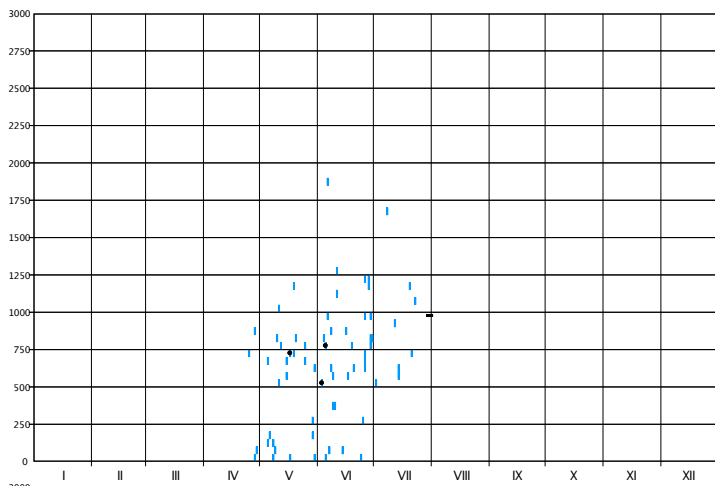
**LYCAENIDAE *Phengaris alcon***



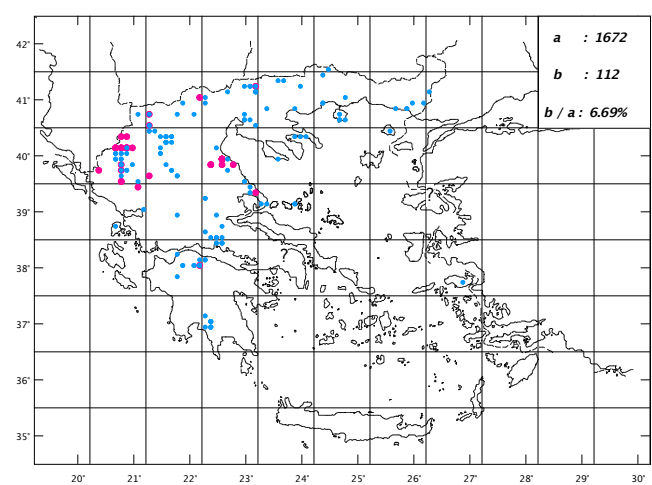
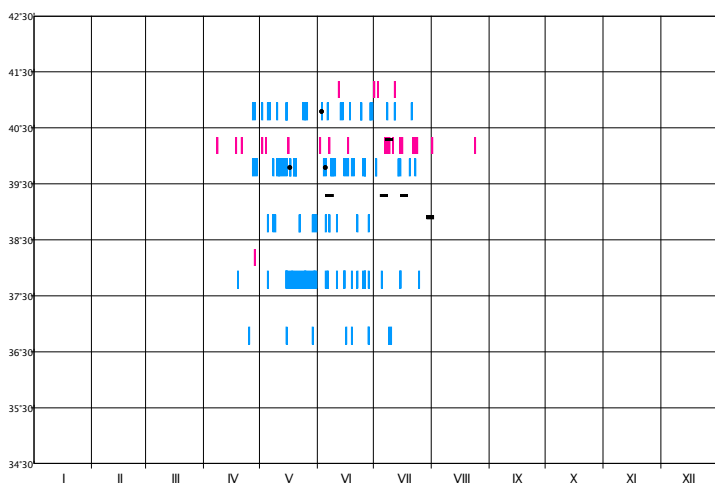


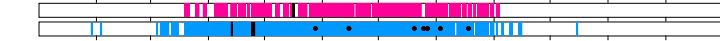
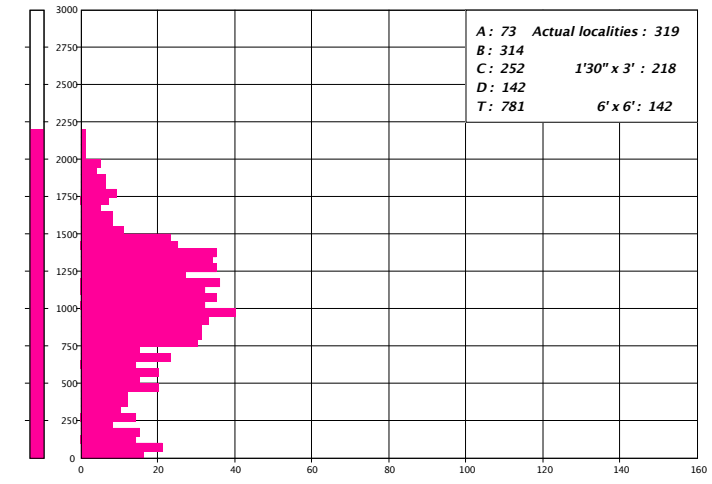
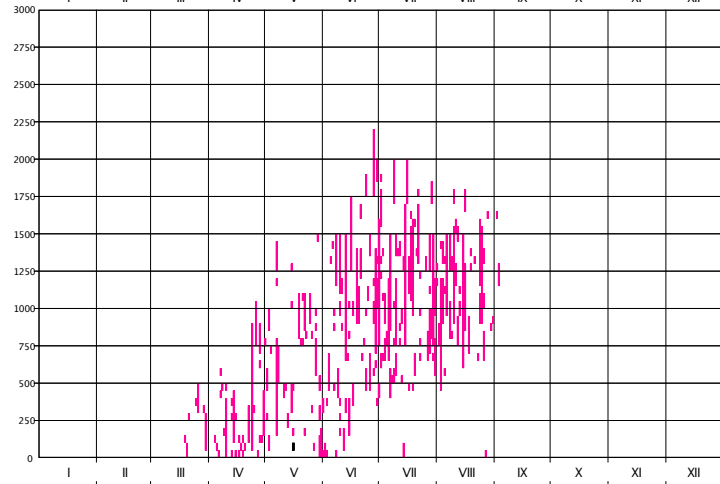
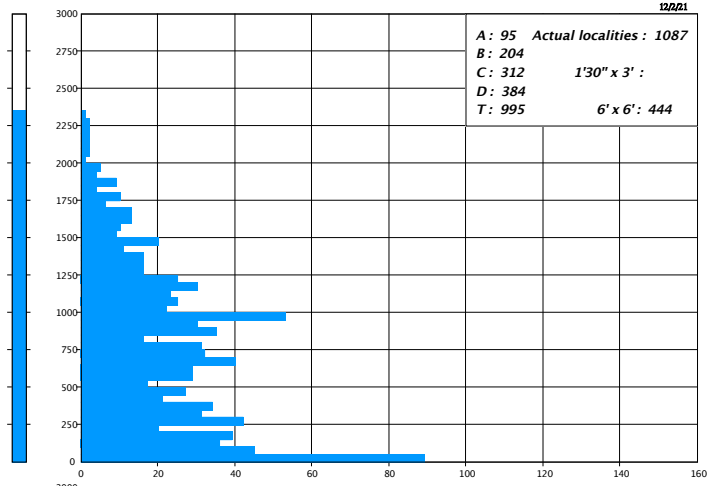
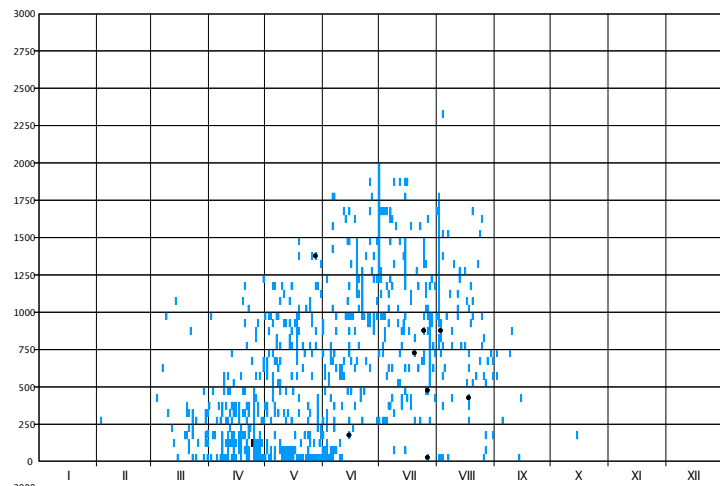
**LYCAENIDAE *Phengaris arion***



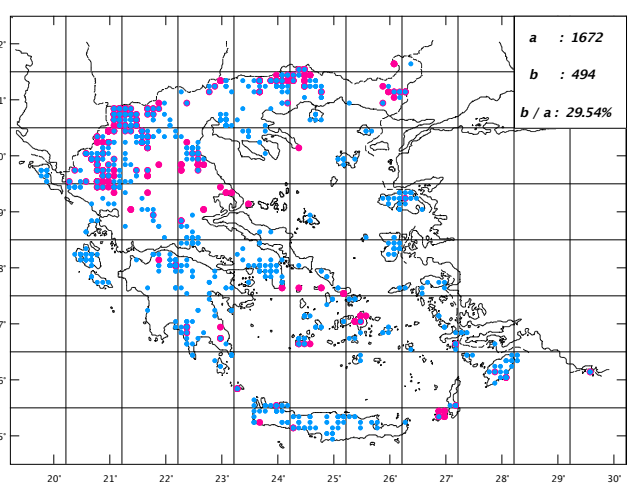
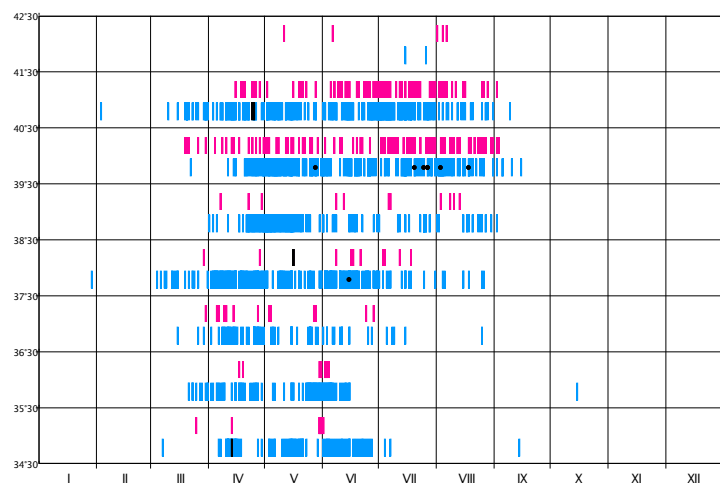


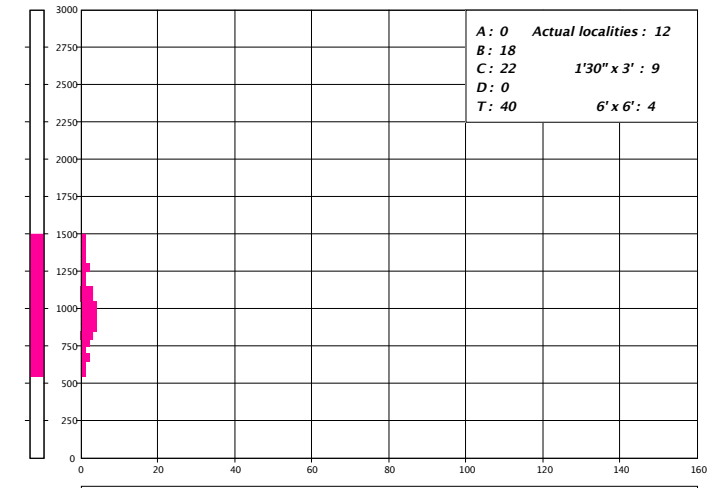
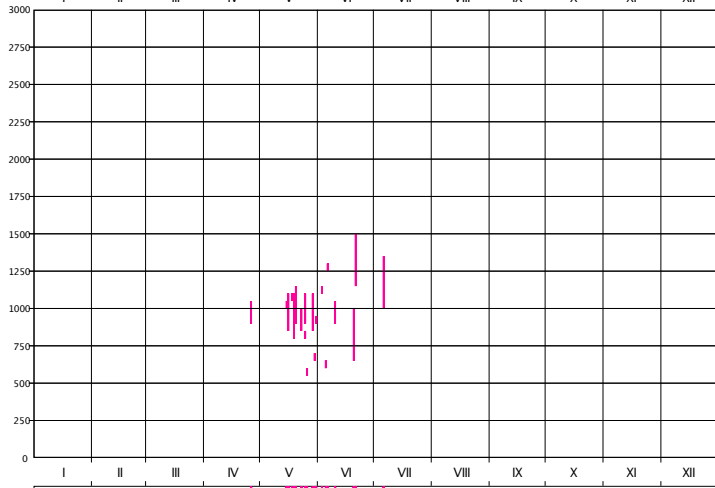
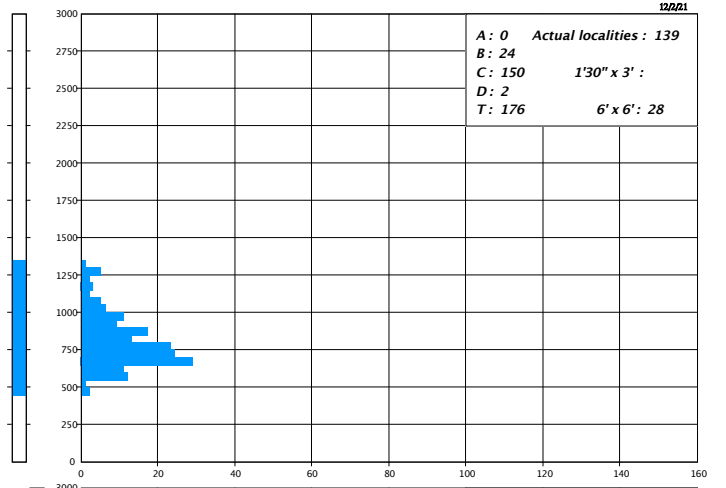
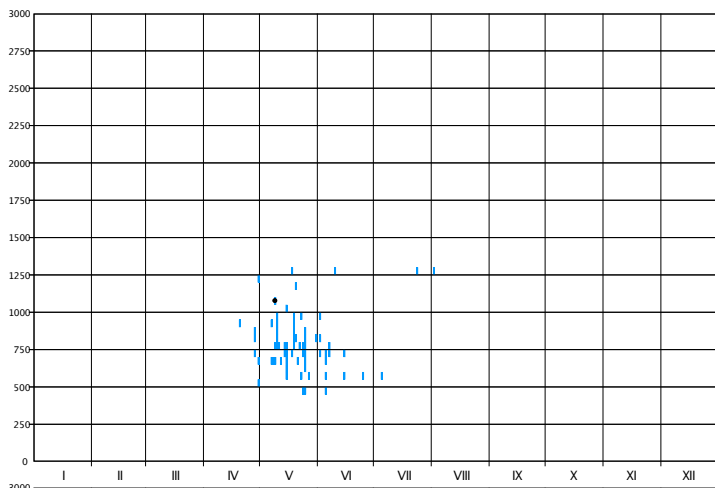
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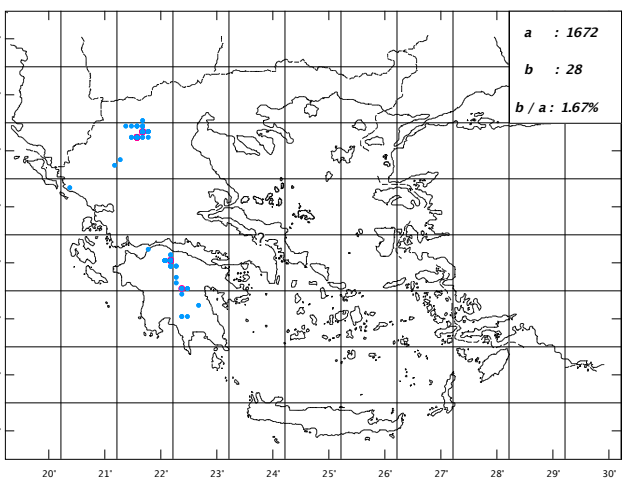
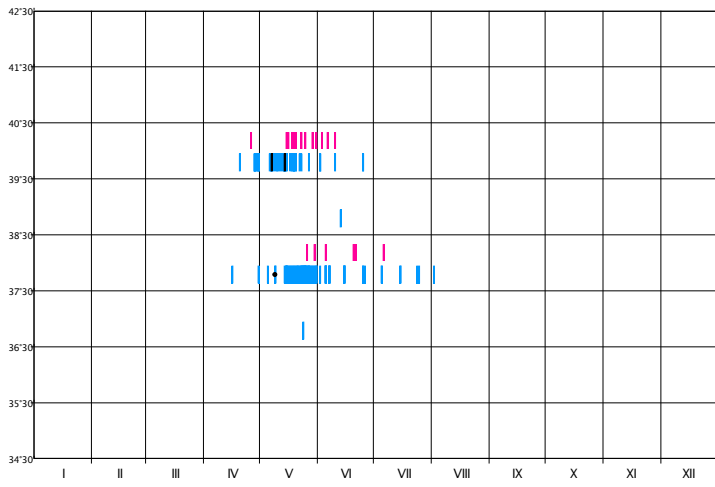


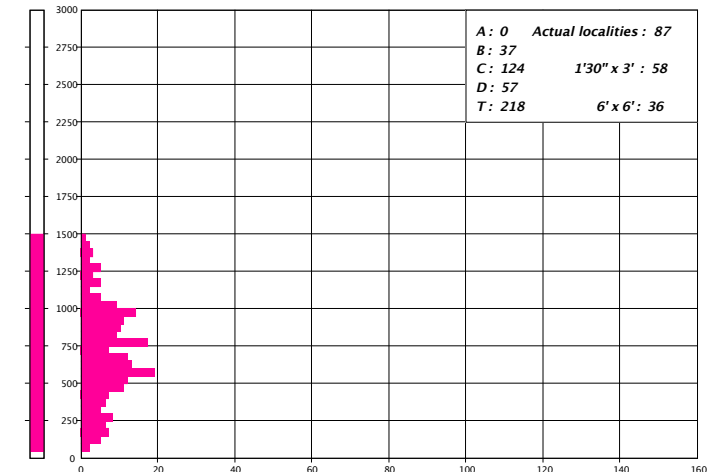
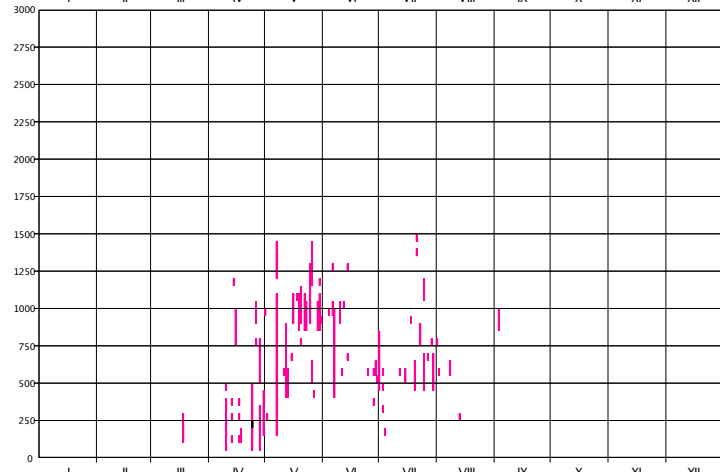
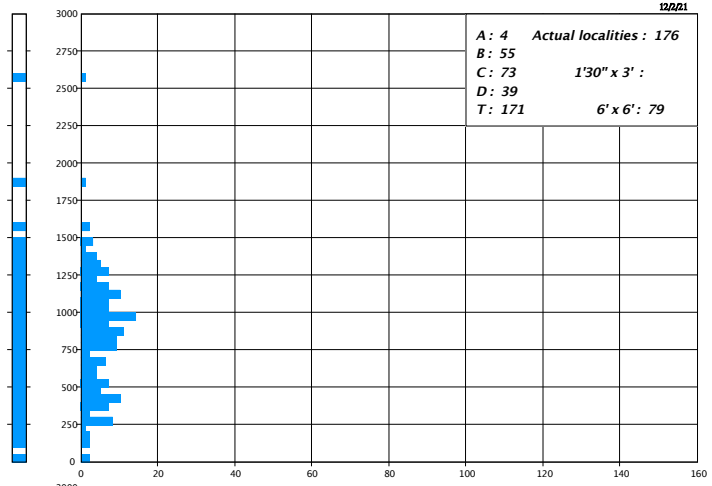
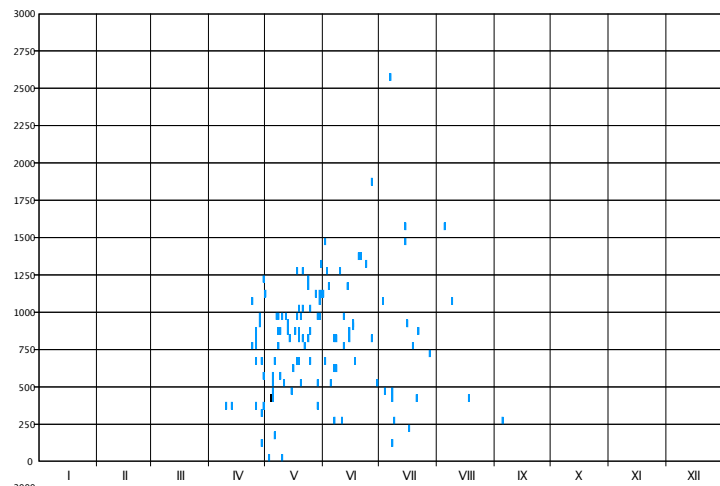
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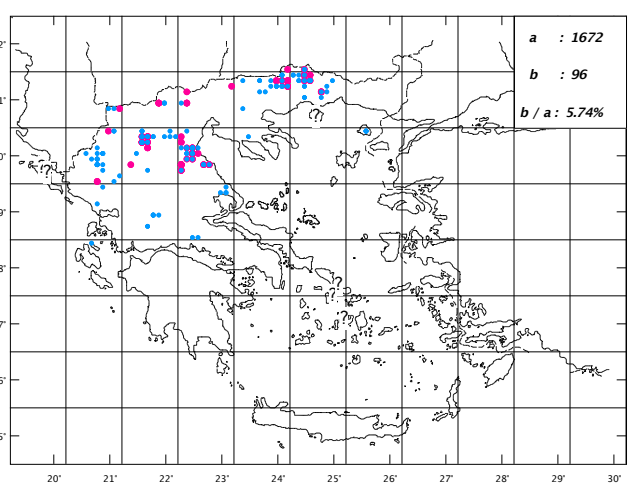
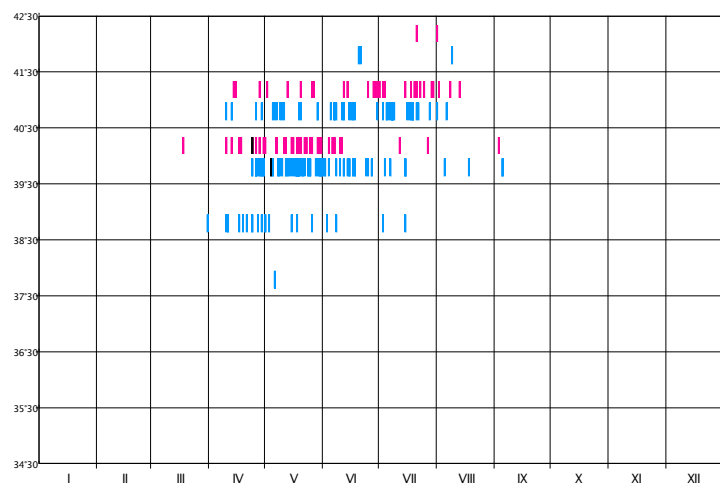


**LYCAENIDAE *Pseudophilotes bavius***

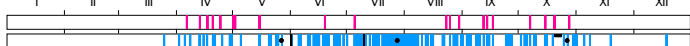
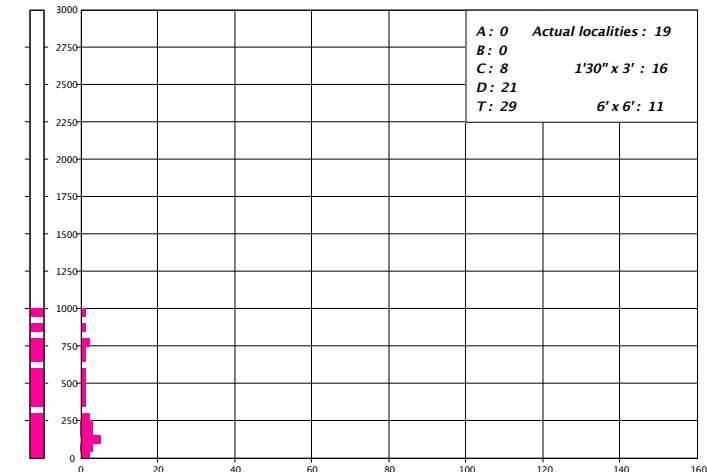
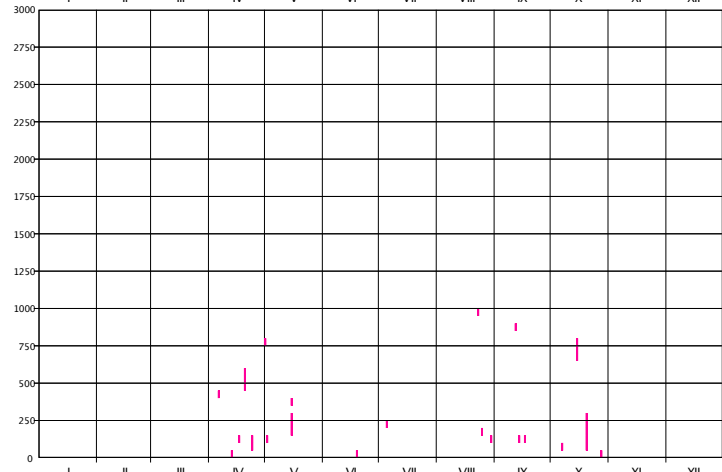
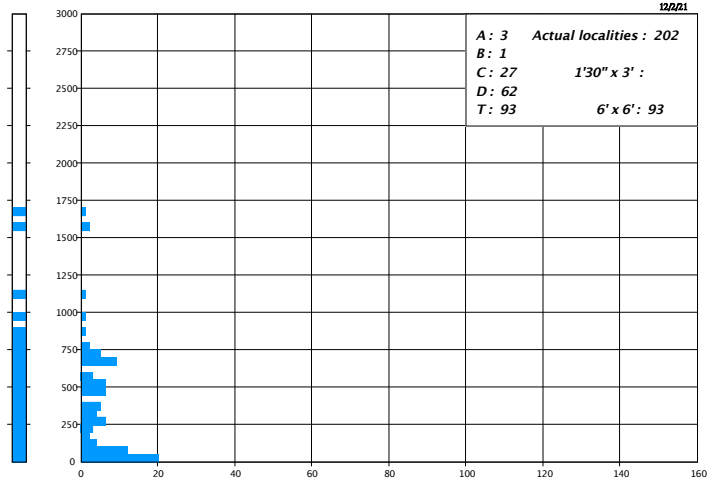
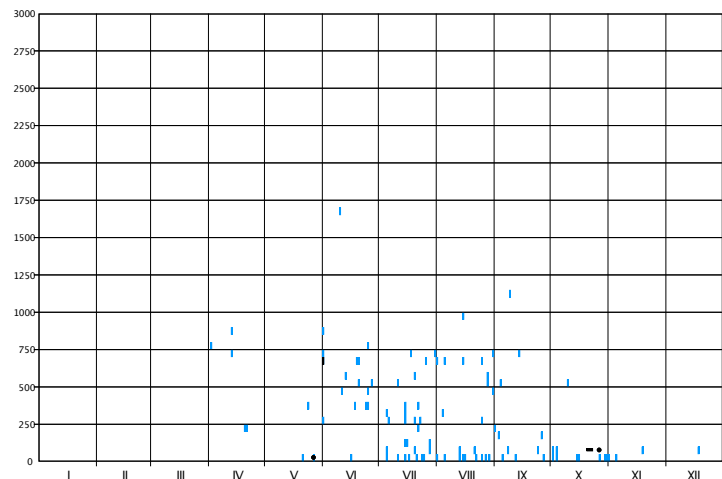




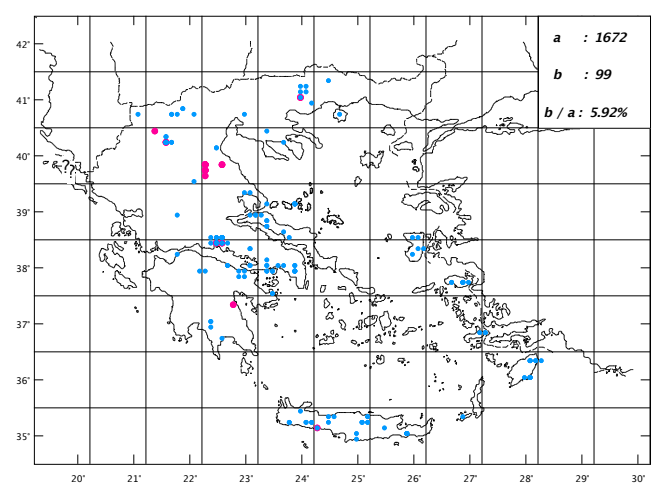
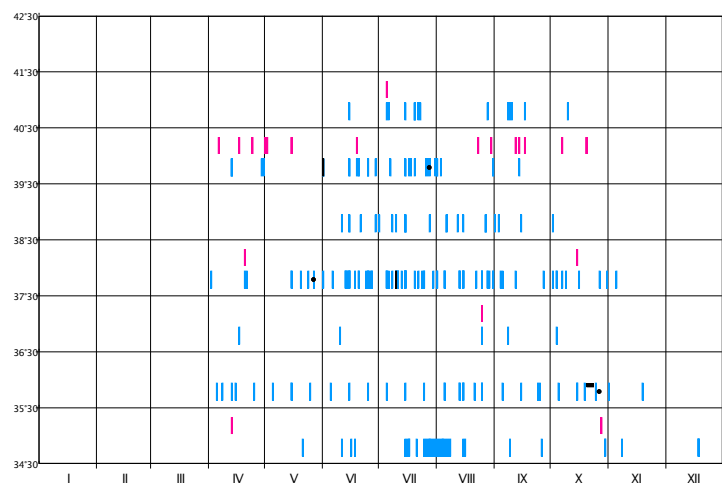
**LYCAENIDAE *Scolitantides orion***

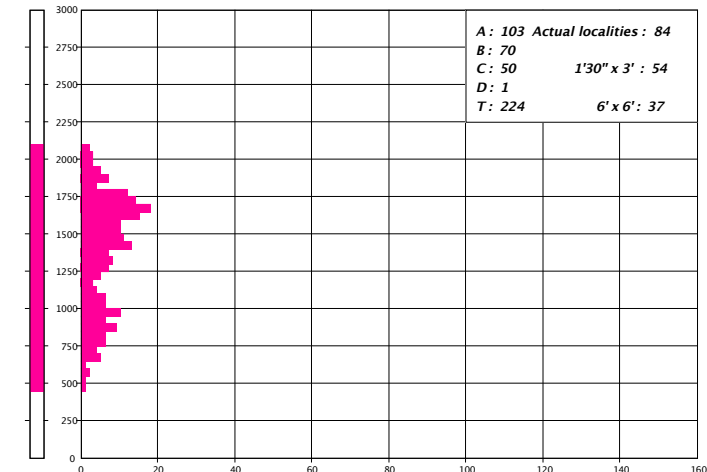
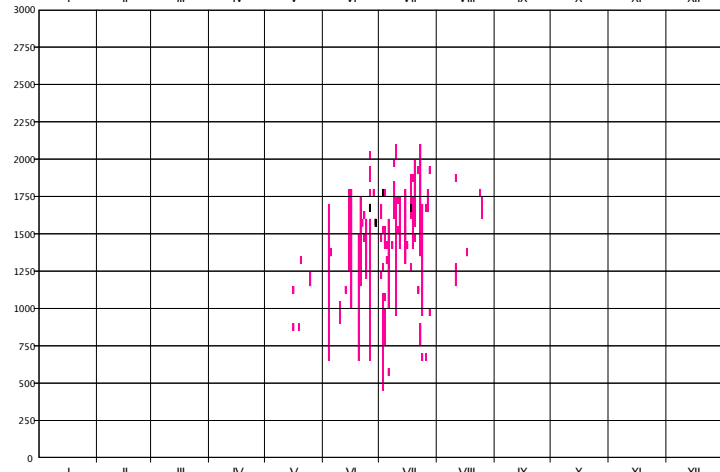
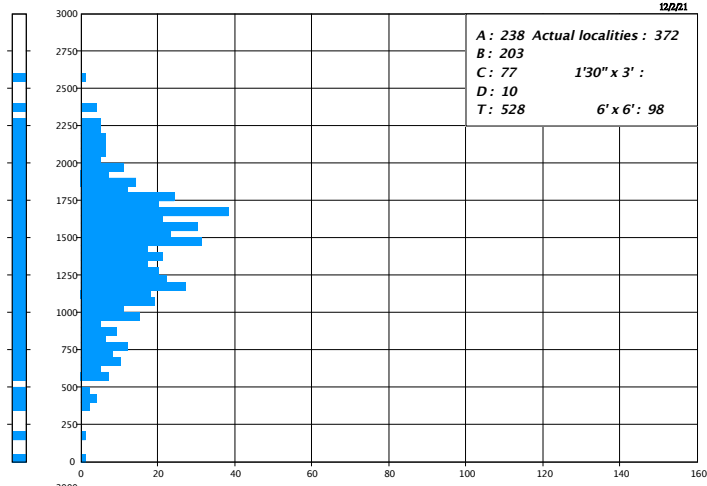
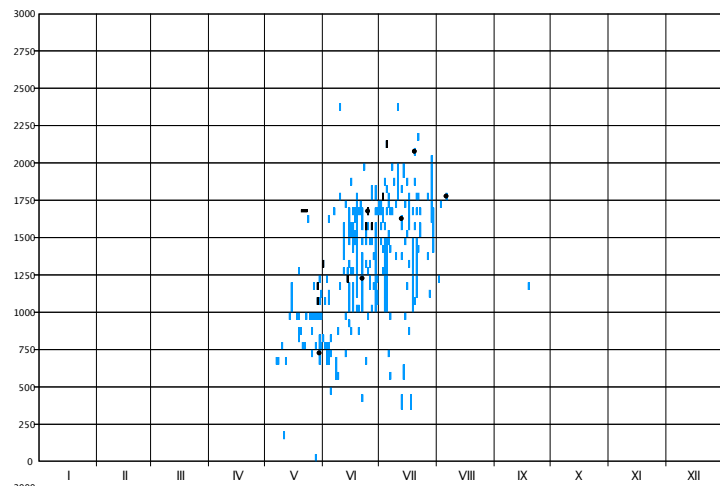




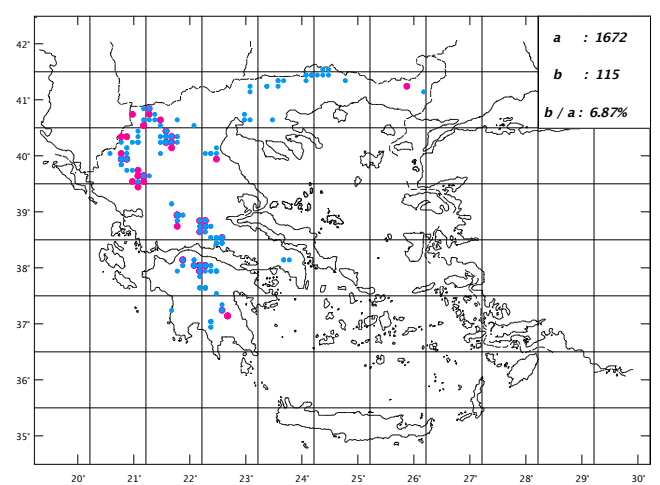
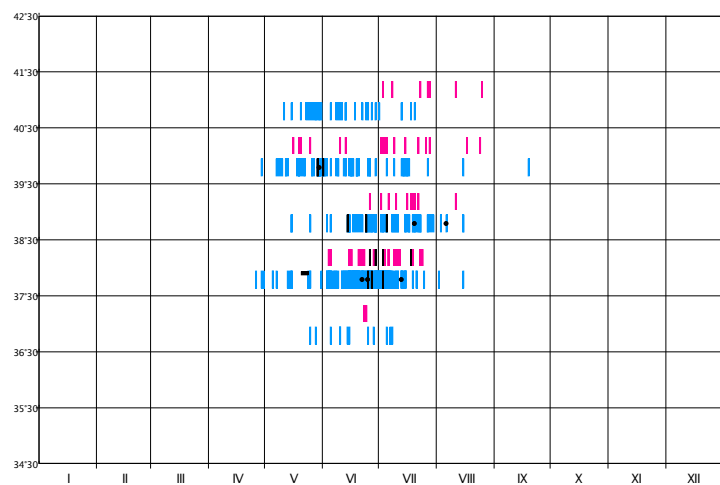


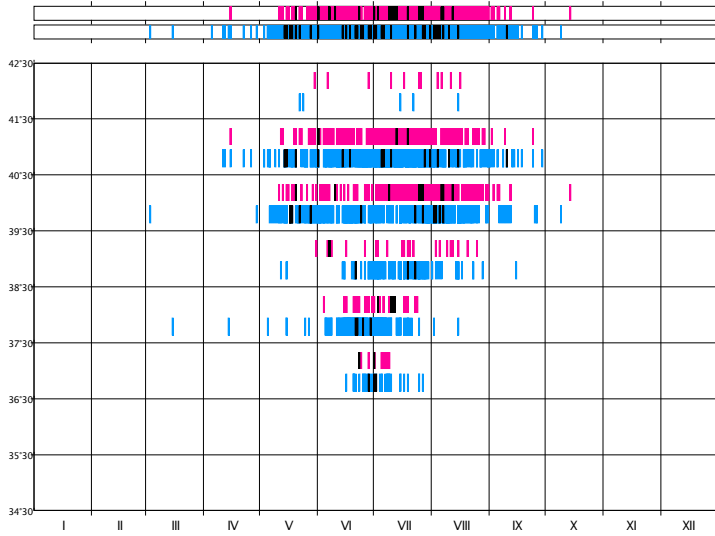
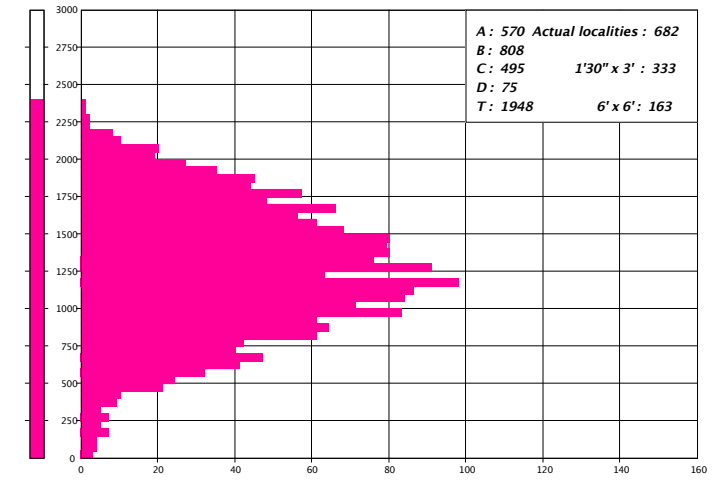
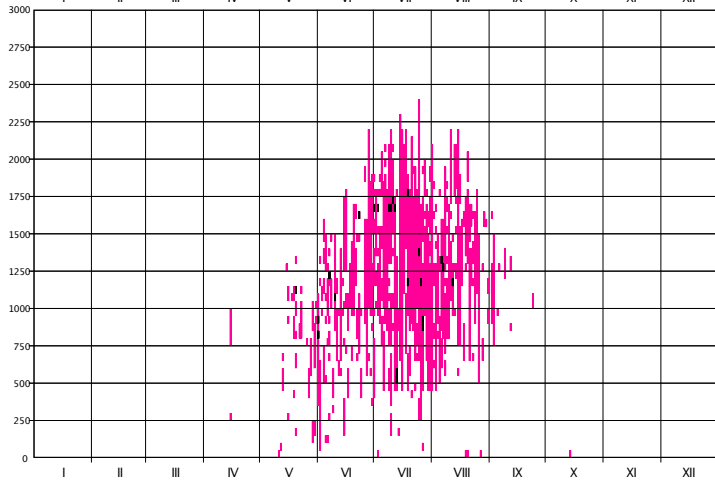
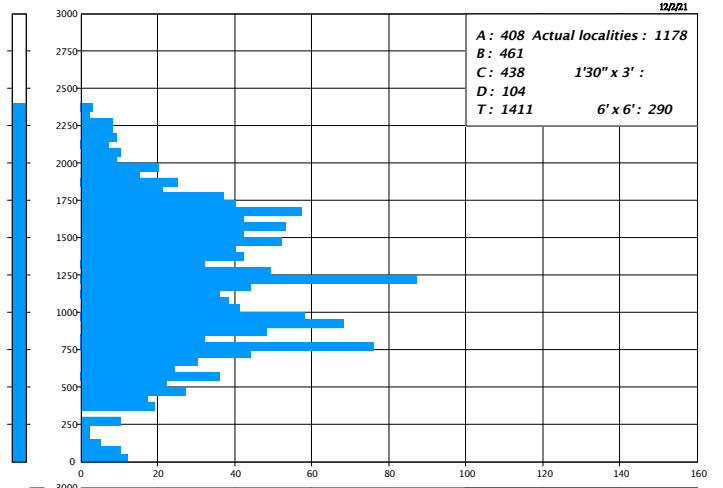
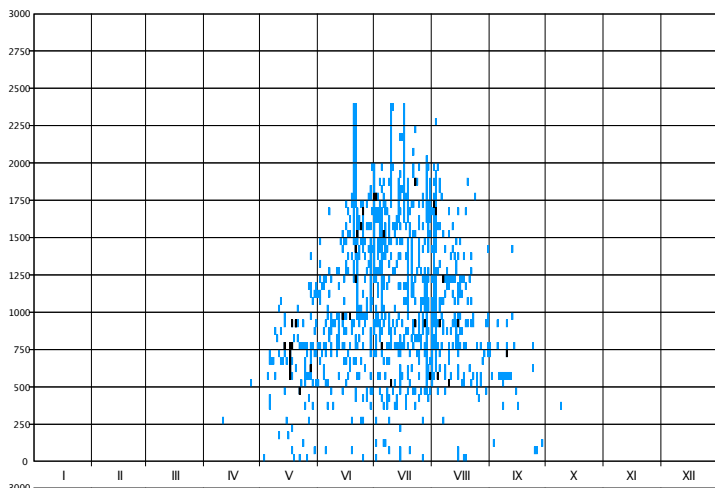
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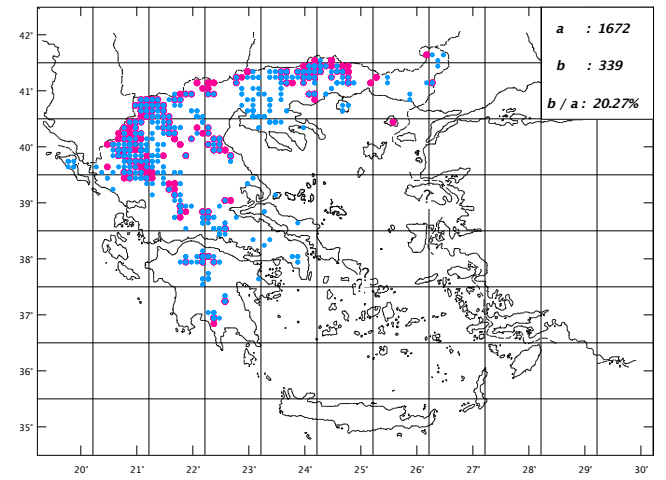


**LYCAENIDAE *Kretania sephirus***

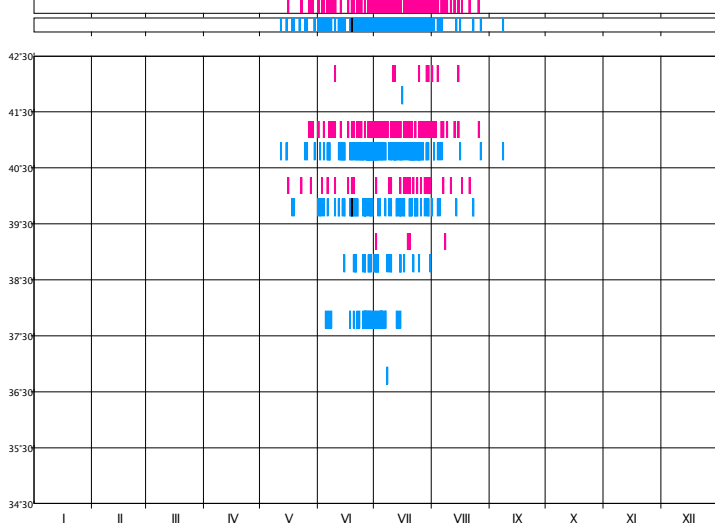
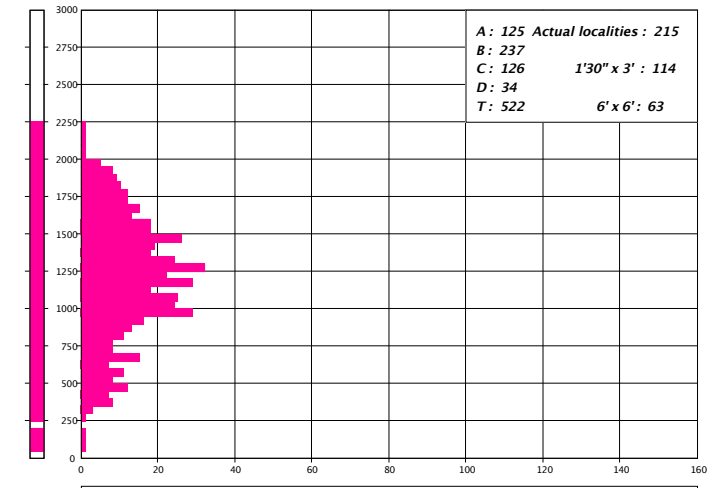
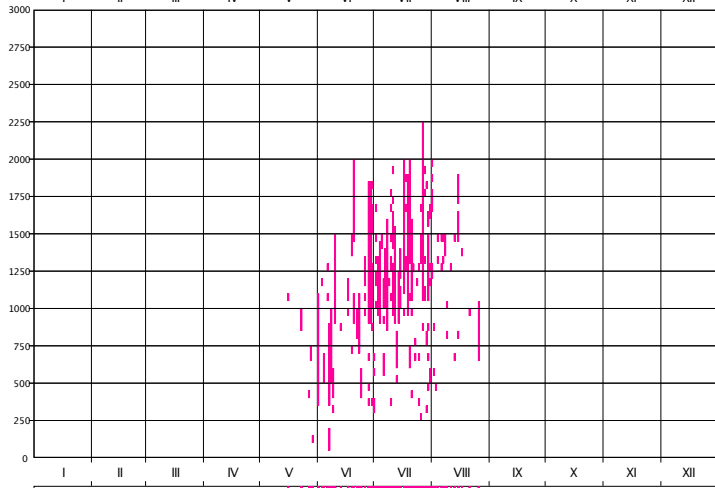
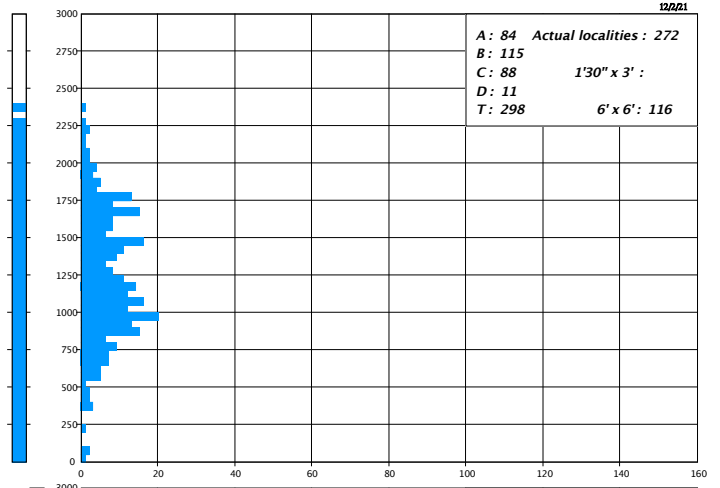
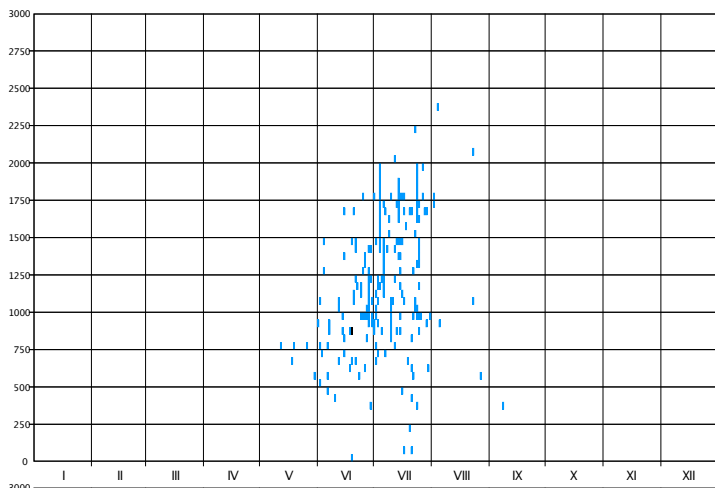




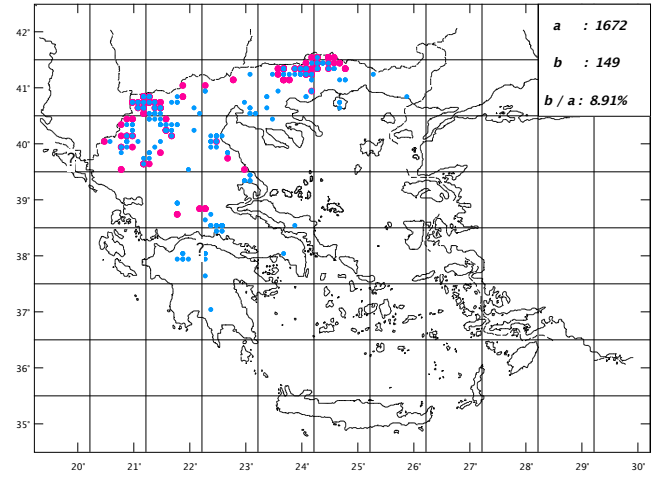
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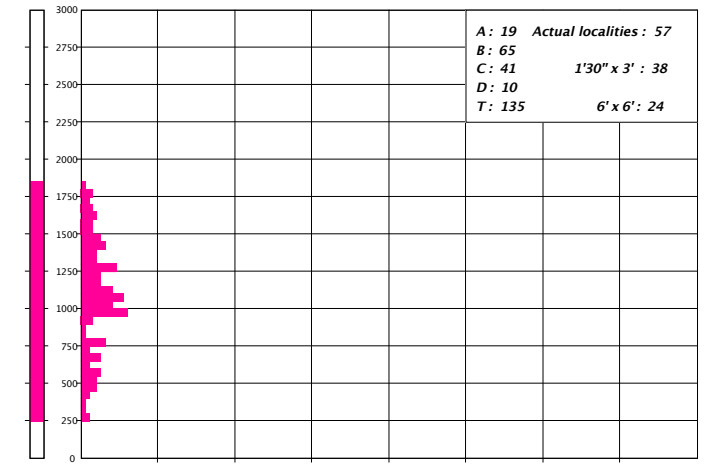
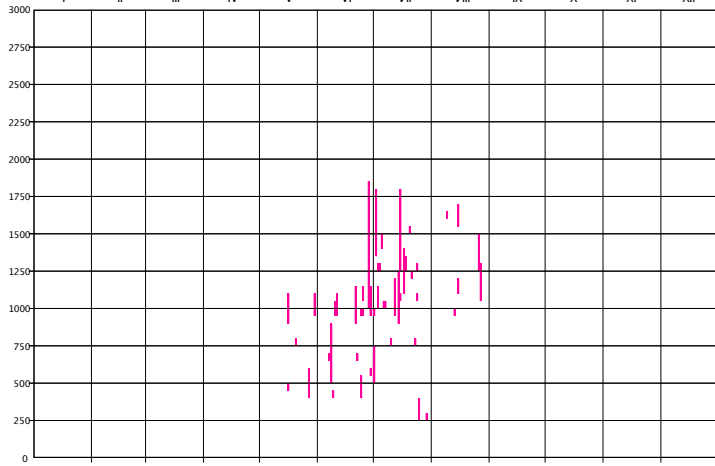
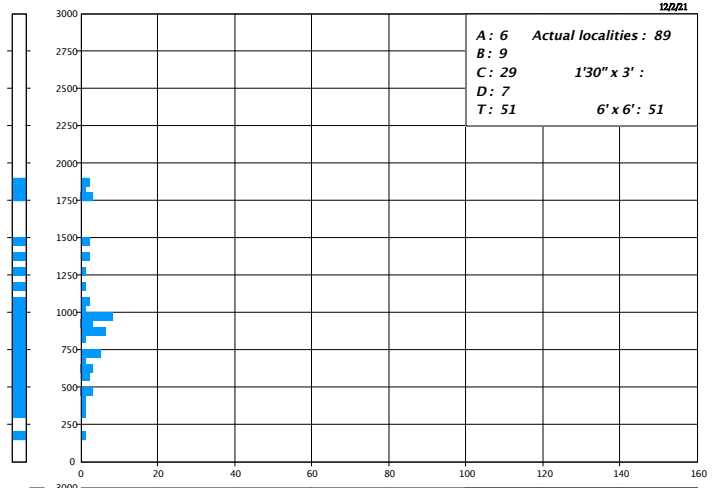
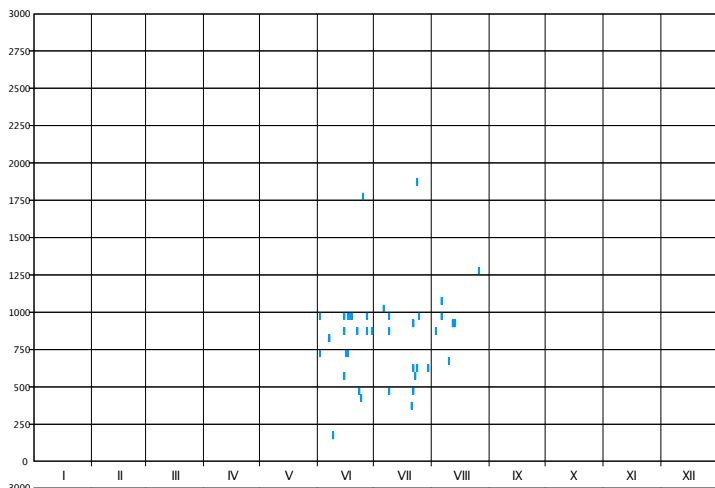
[http://www.pamperis.gr/PHOTOGRAPHS/Plebejus\\_argus\\_idas\\_argyrognomon\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Plebejus_argus_idas_argyrognomon_complex.html)



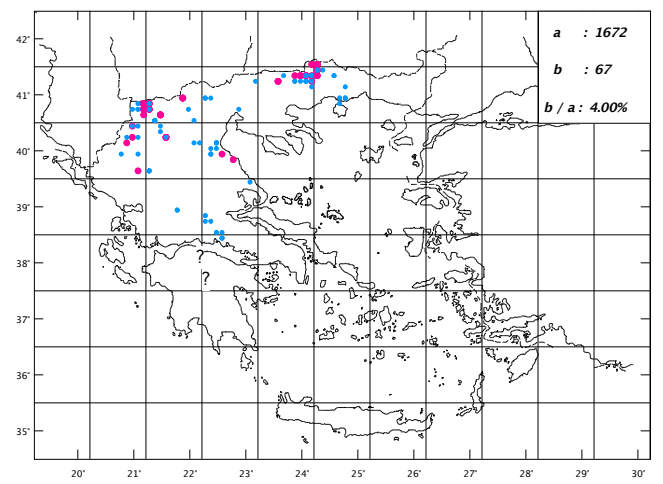
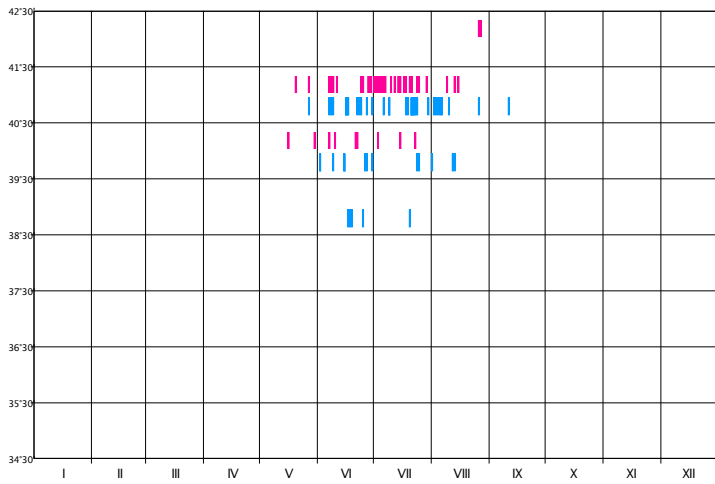
**LYCAENIDAE *Plebejus idas***



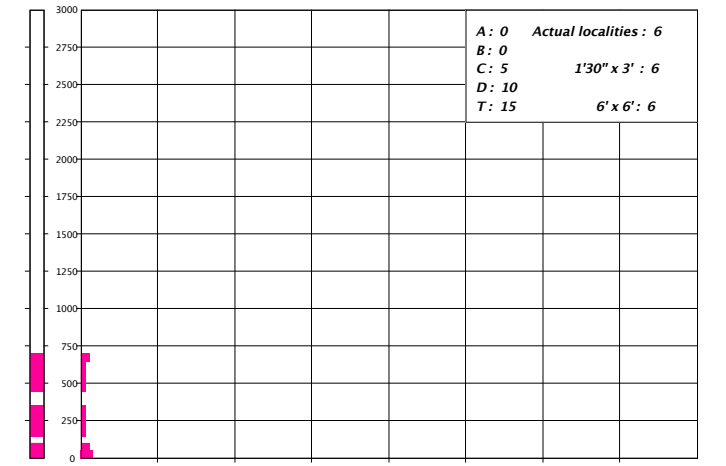
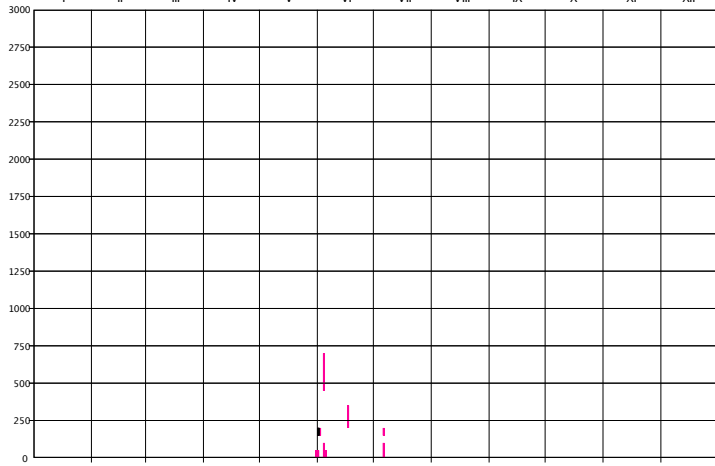
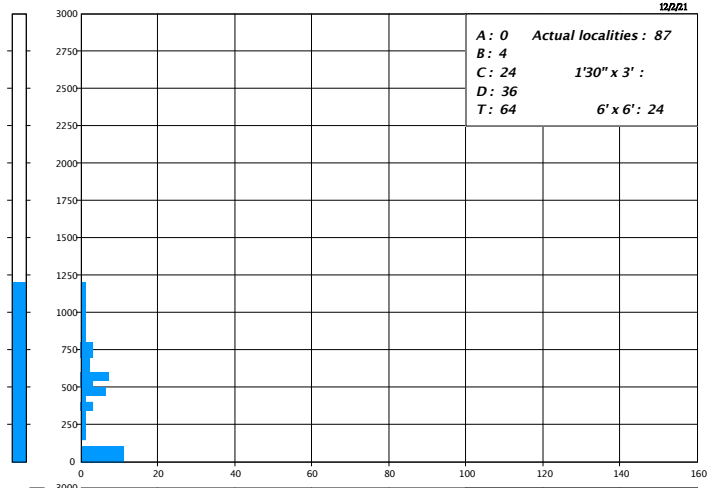
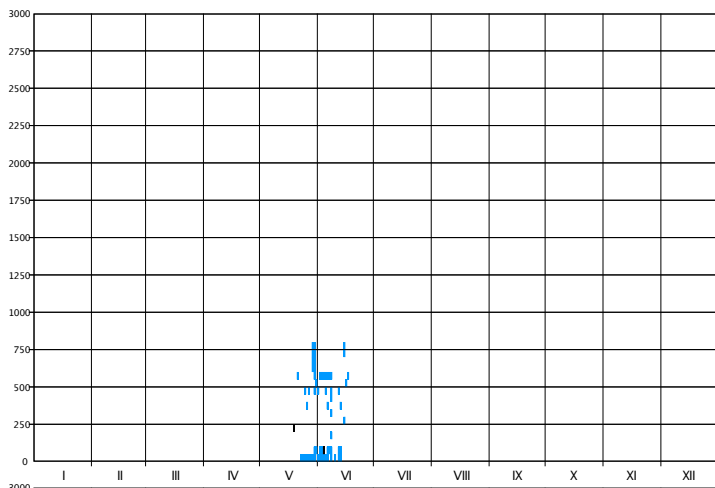
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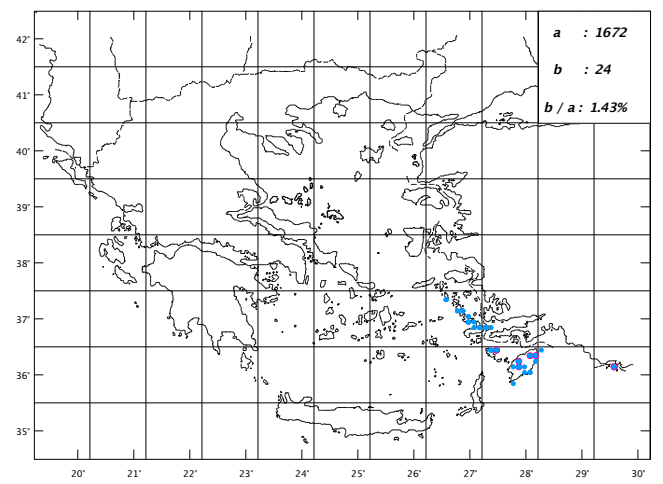
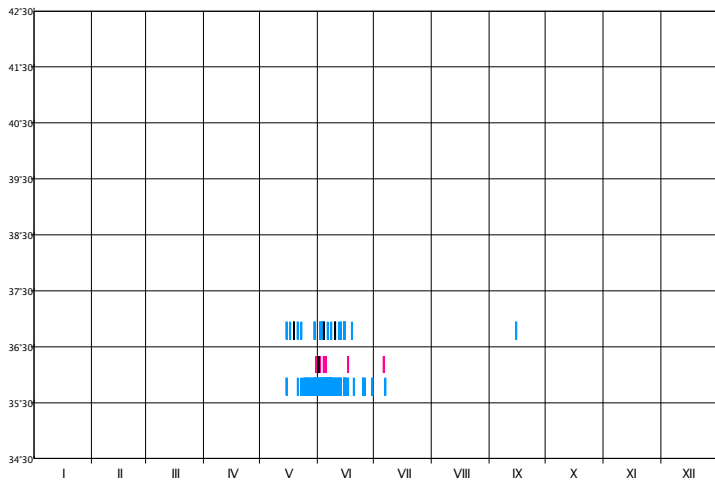
**LYCAENIDAE *Plebejus argyrognomon***

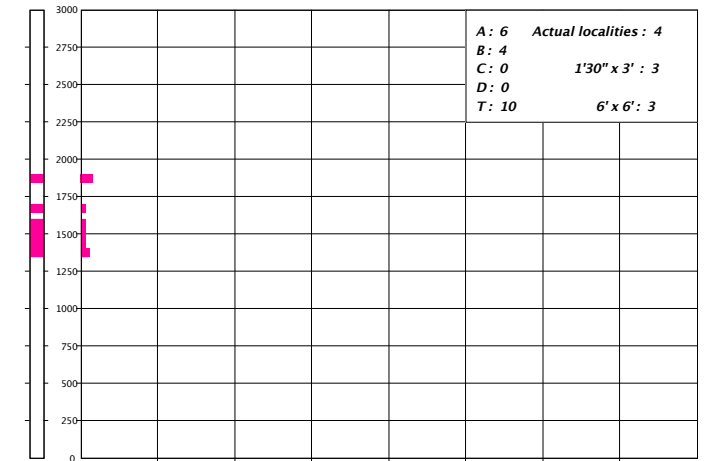
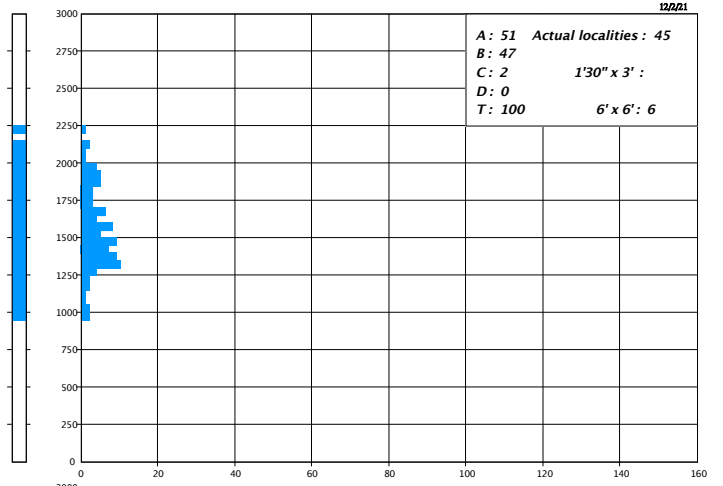
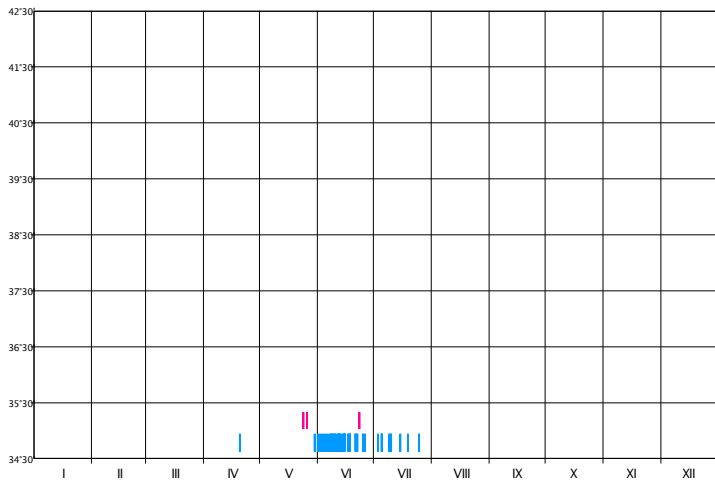
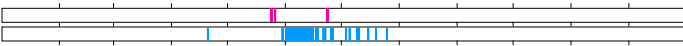
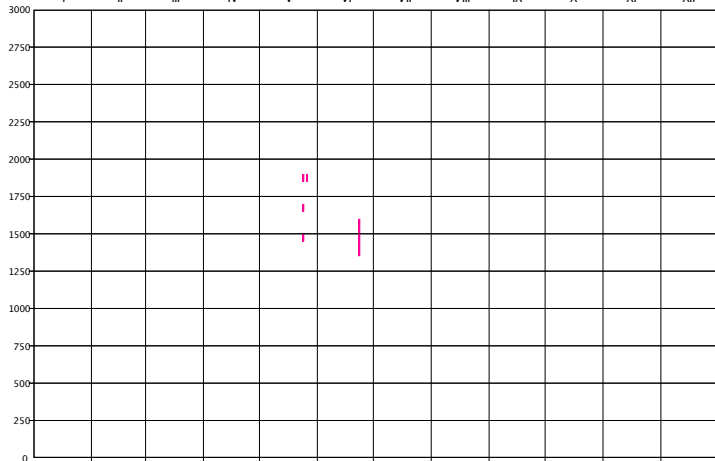
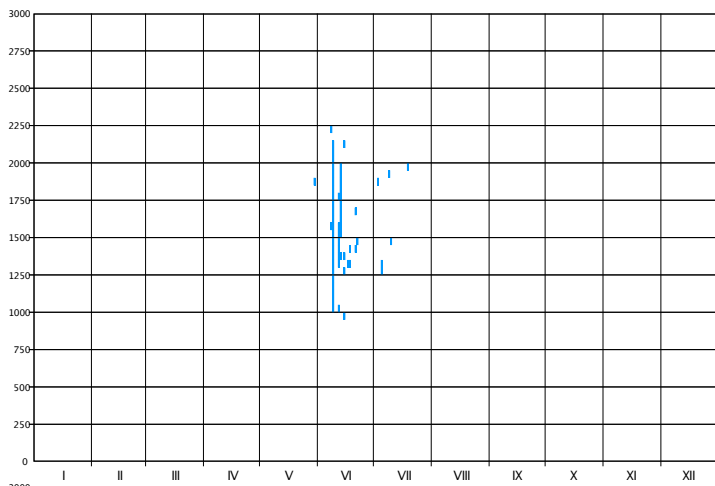


[http://www.pamperis.gr/PHOTOGRAPHS/Plebejus\\_argus\\_idas\\_argyrognomon\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Plebejus_argus_idas_argyrognomon_complex.html)

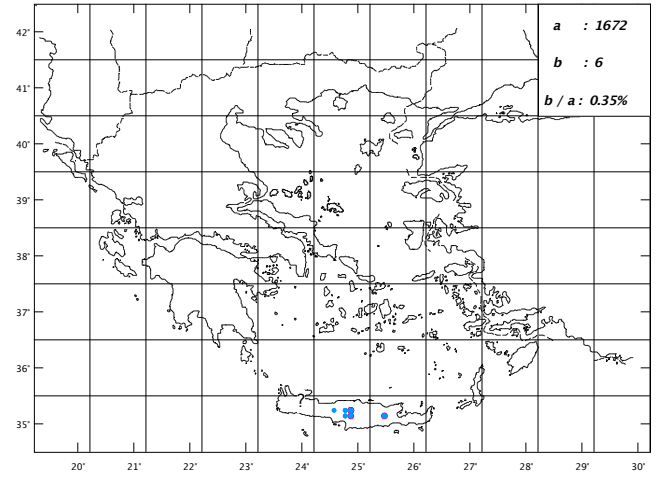


**LYCAENIDAE *Plebejidea loewii***

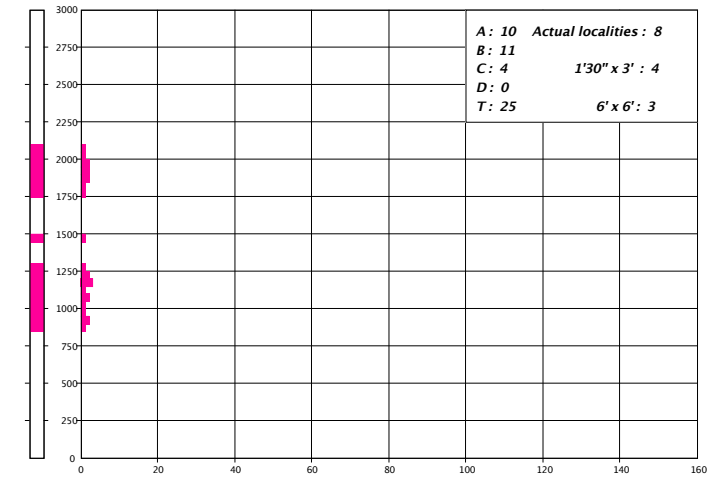
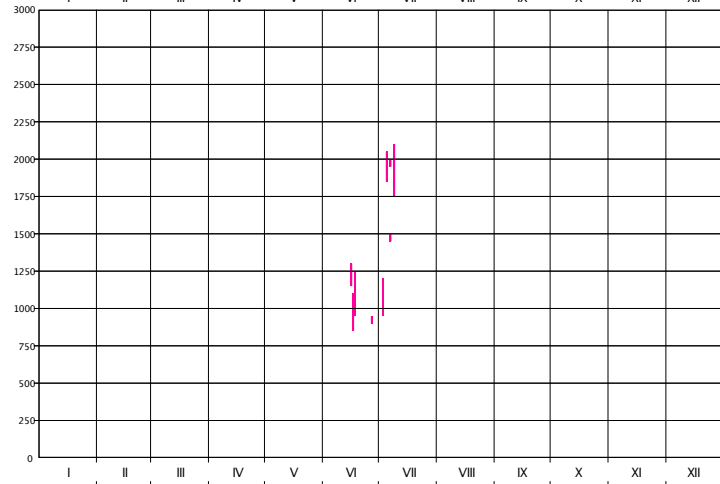
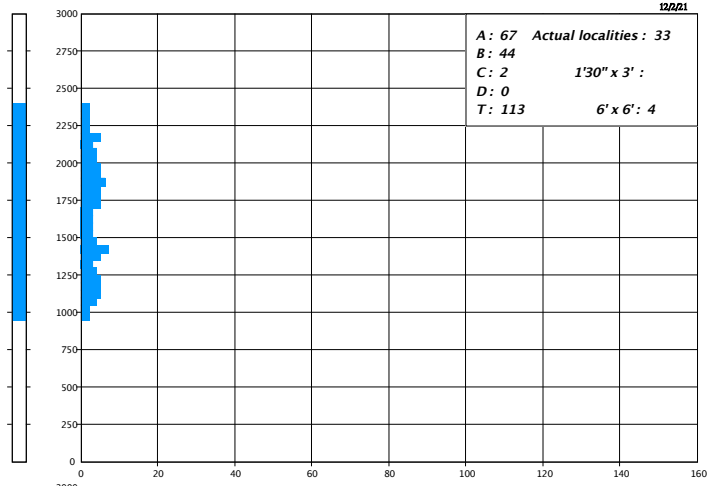
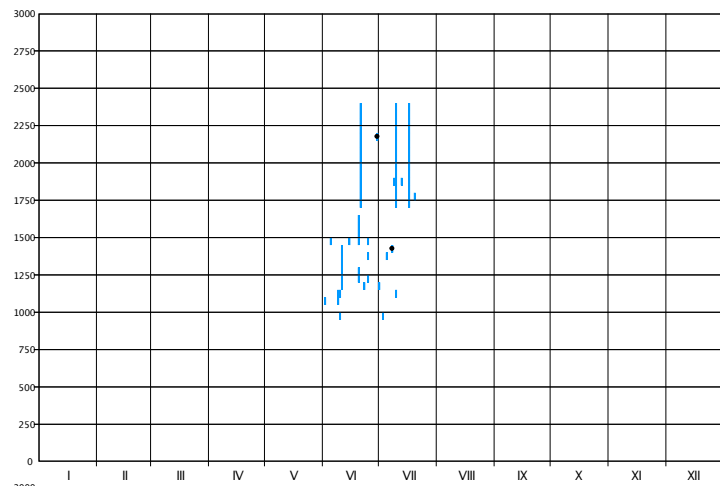




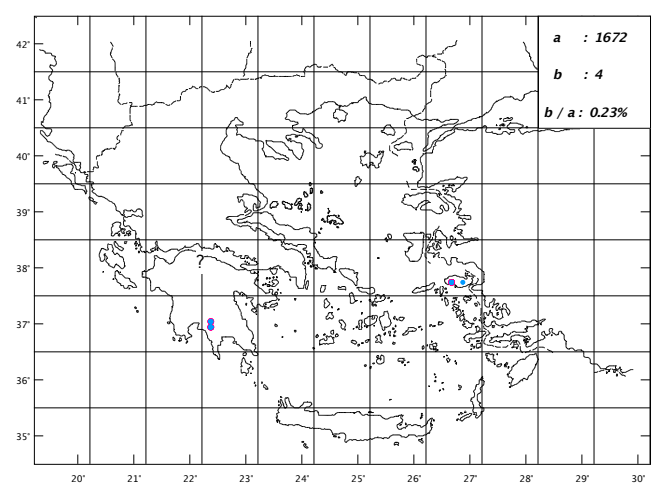
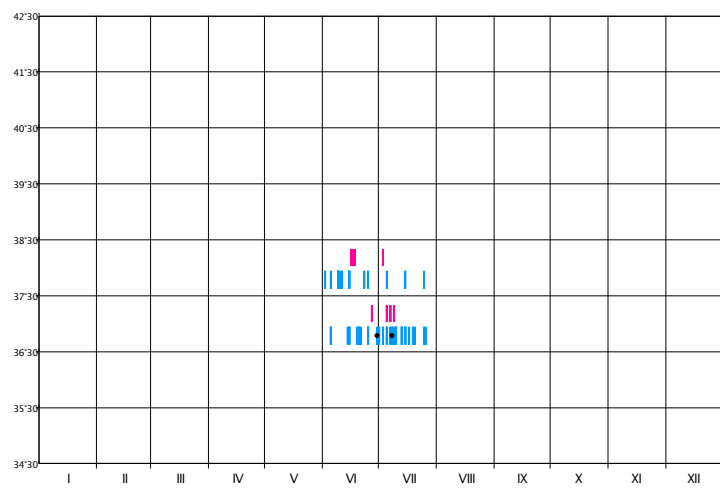
**LYCAENIDAE *Kretania psylorita***



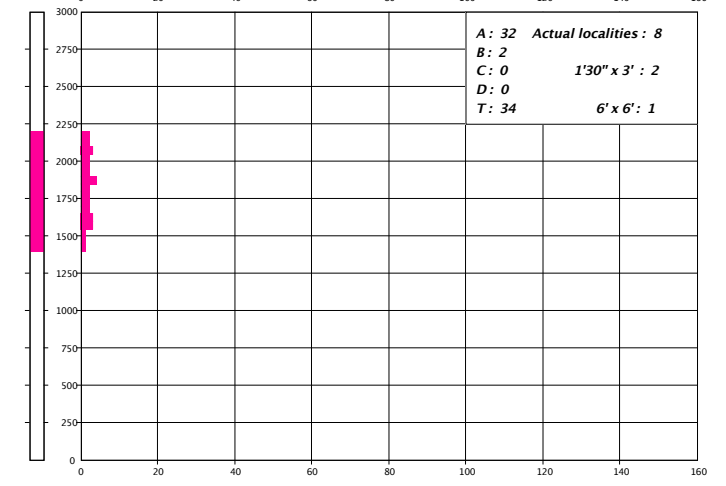
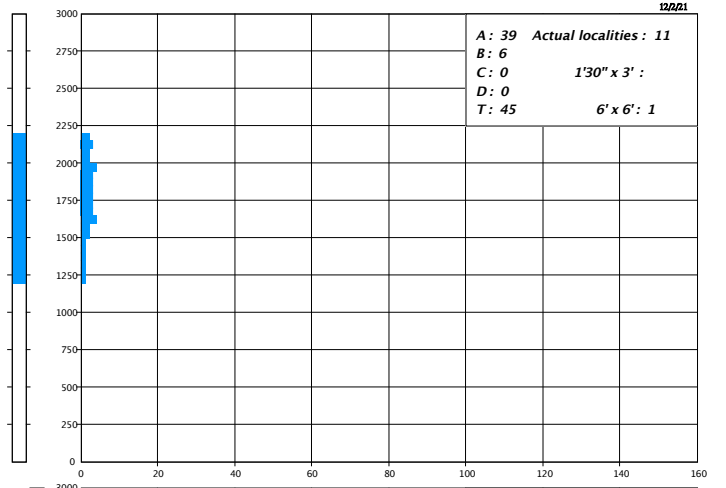
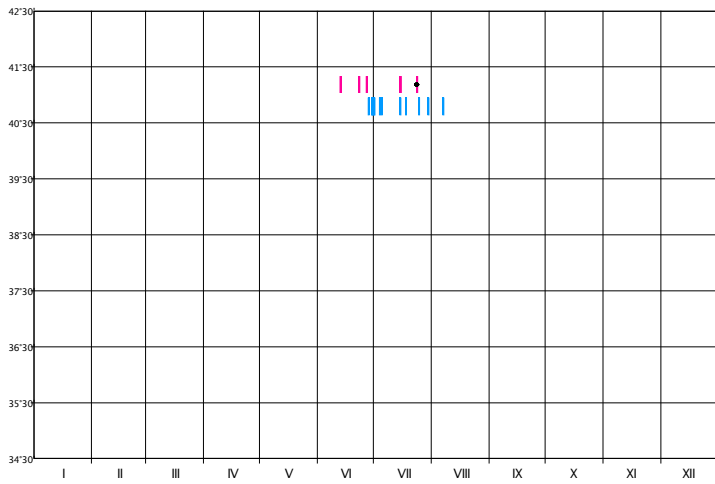
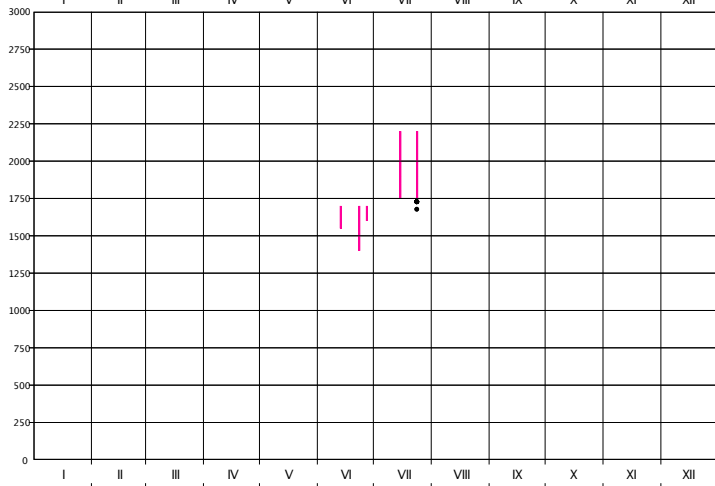
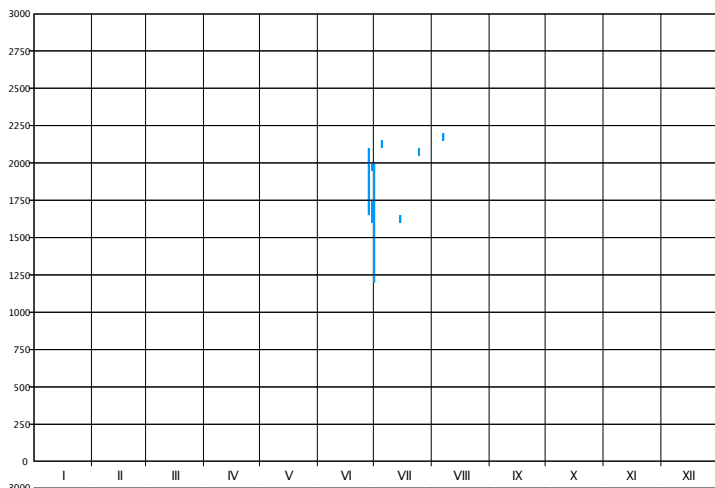
**ΕΝΔΗΜΙΚΟ ΕΙΔΟΣ ΤΗΣ ΕΛΛΑΔΑΣ  
ENDEMIC SPECIES OF GREECE**



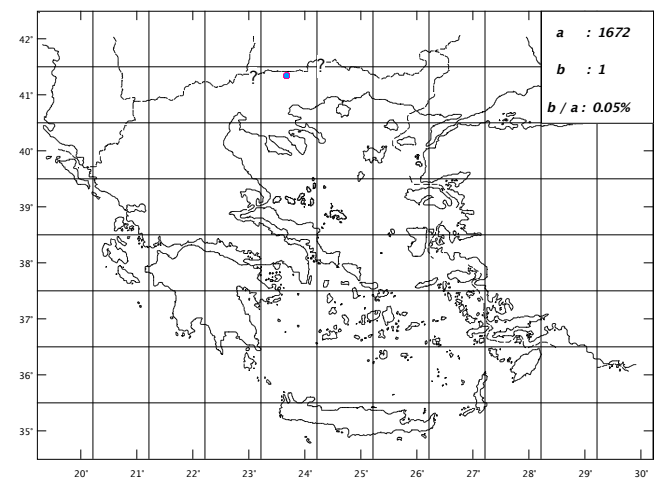
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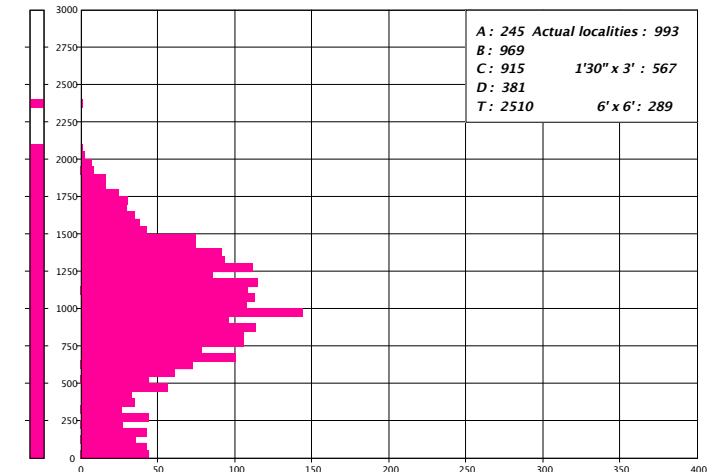
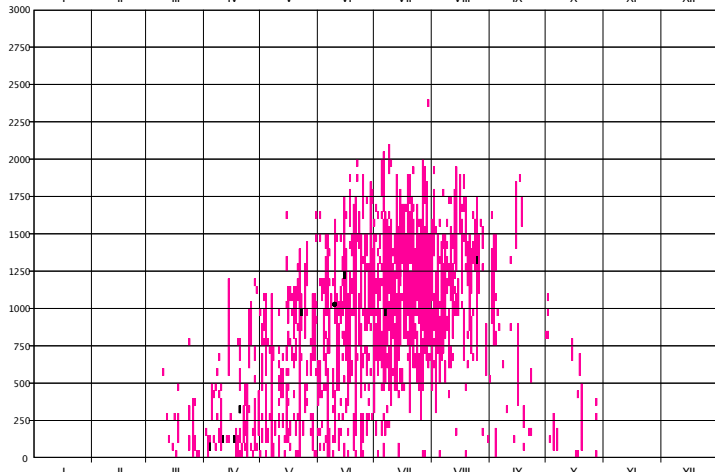
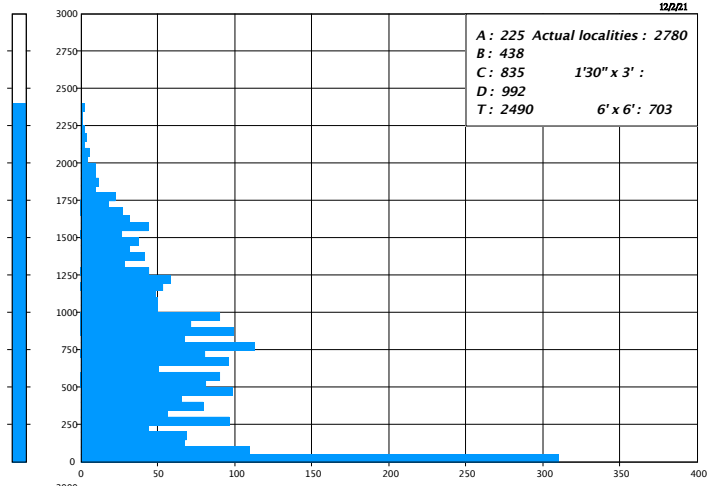
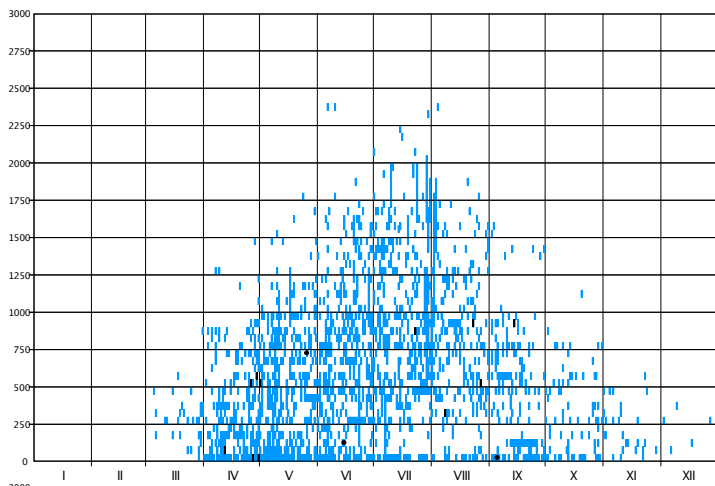




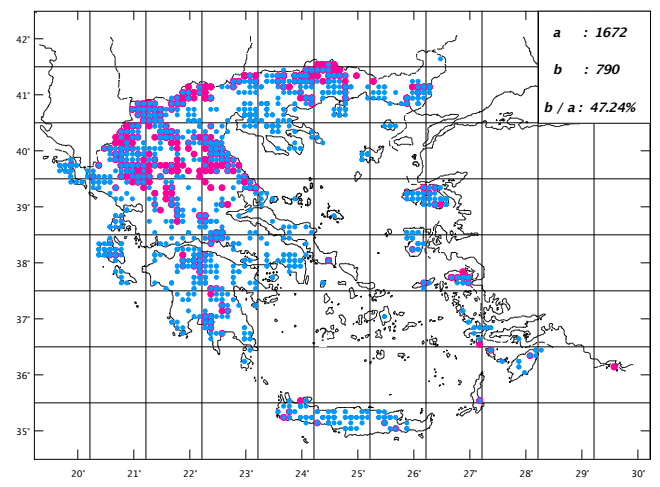
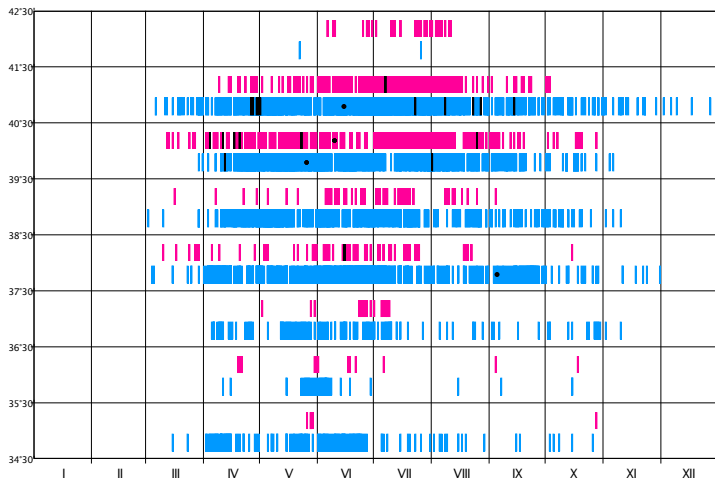


**LYCAENIDAE *Agrides dardanus***

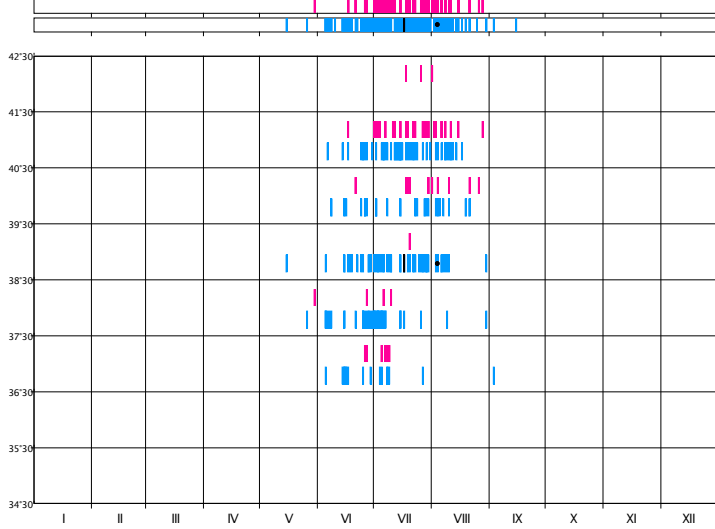
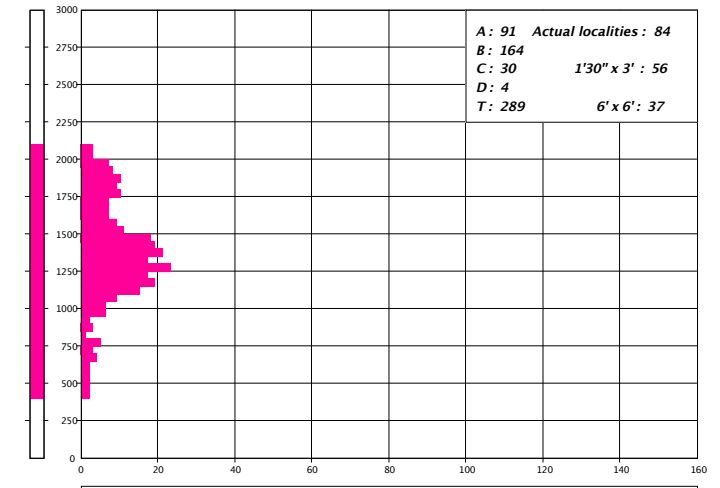
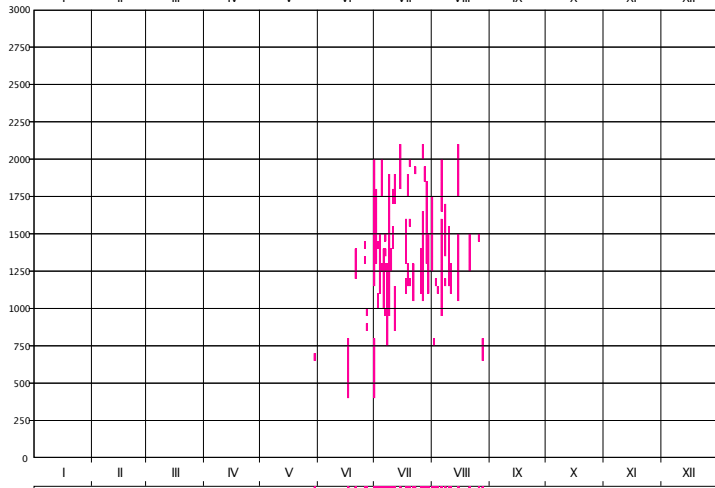
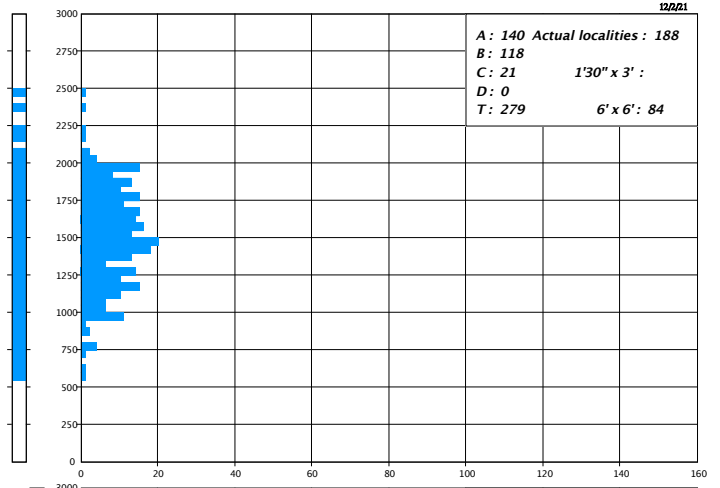
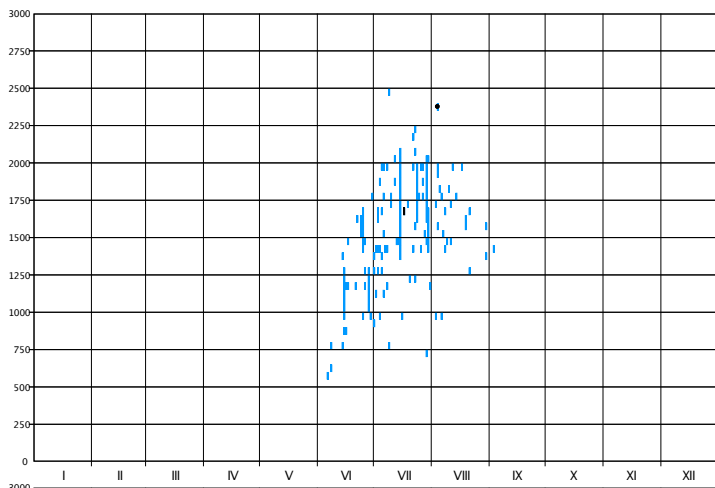




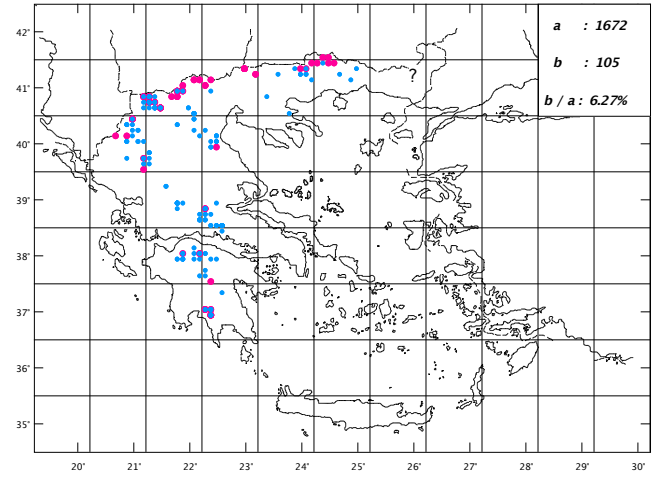
LYCAENIDAE *Aricia agestis*



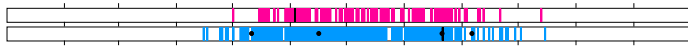
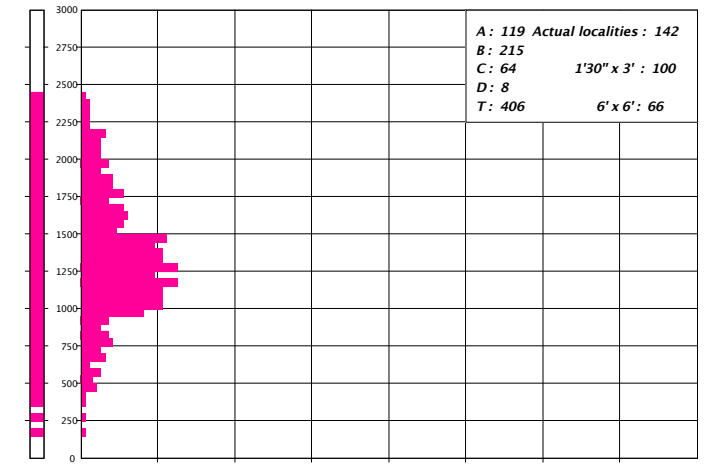
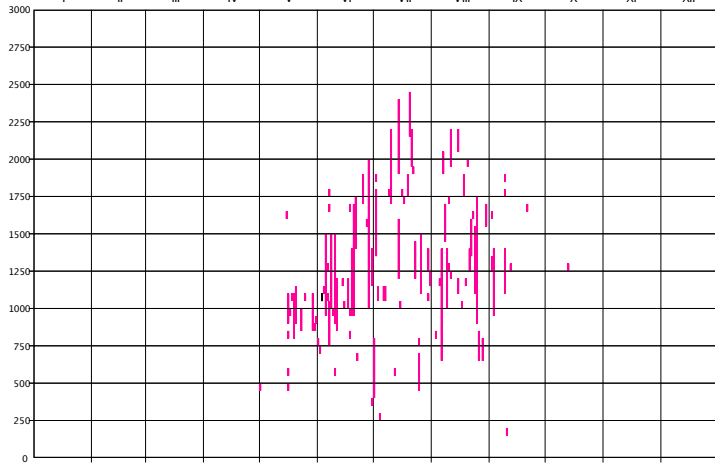
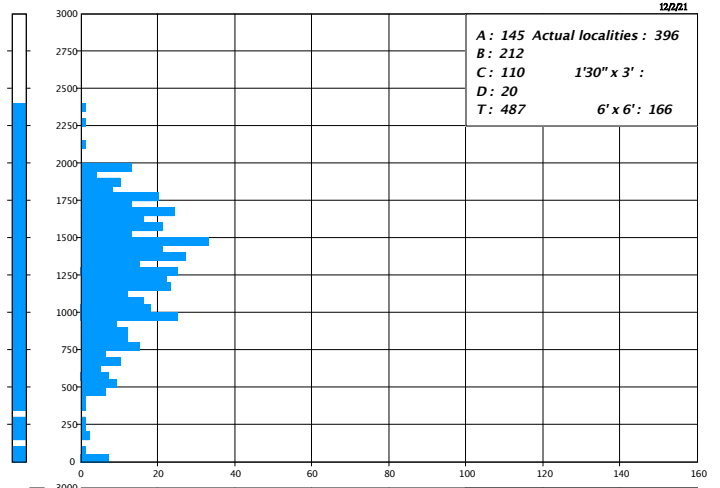
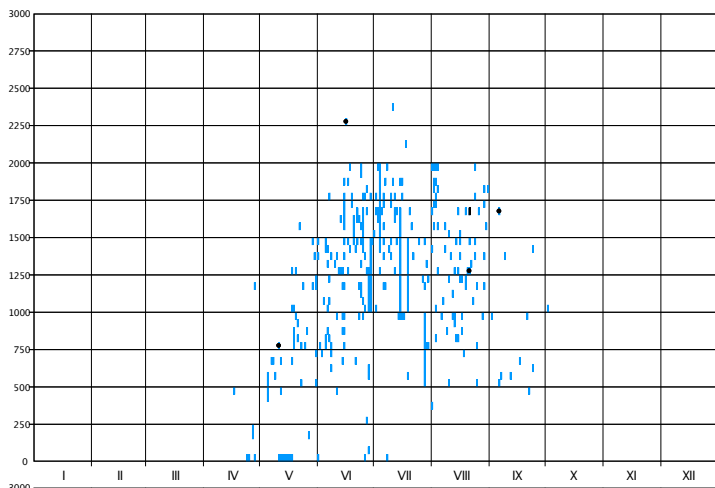
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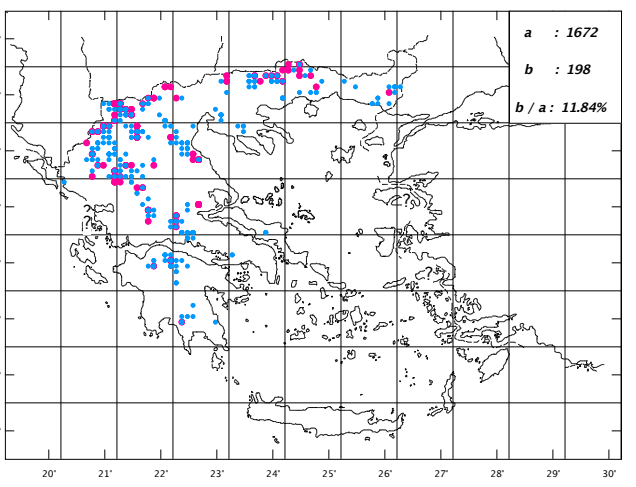
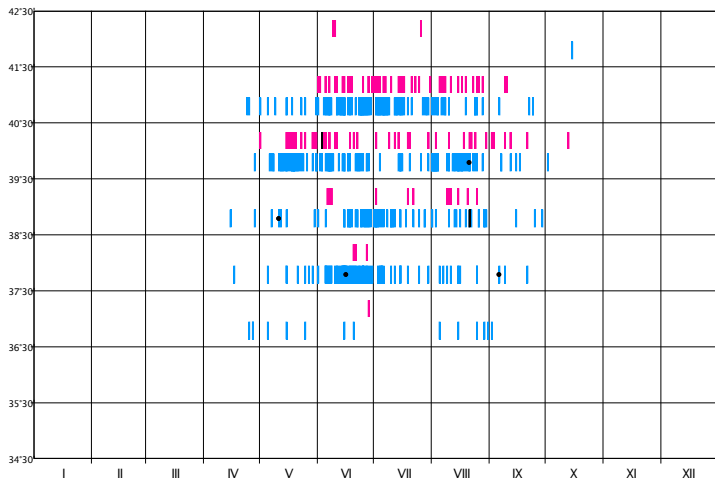
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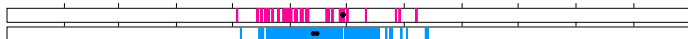
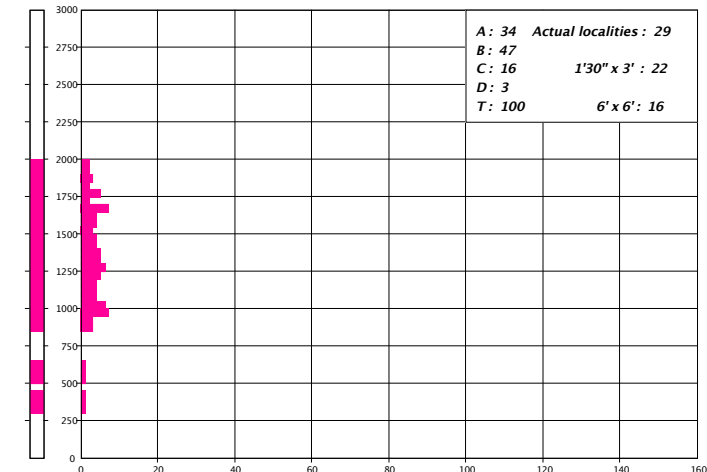
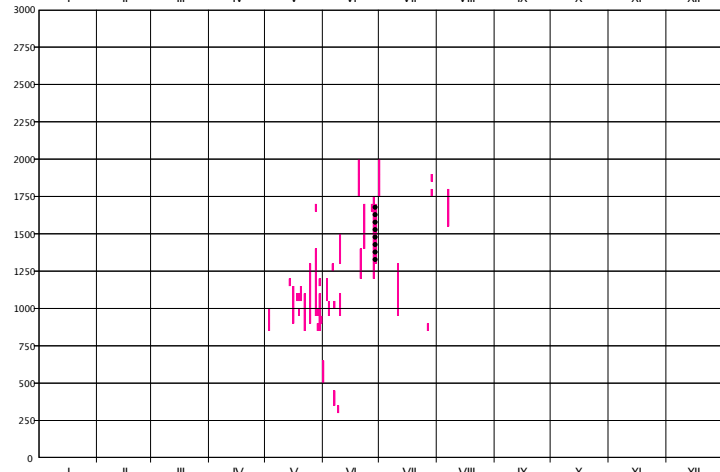
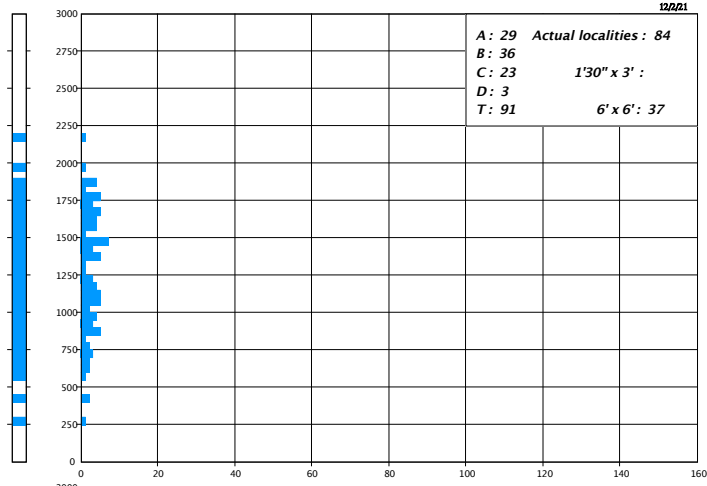
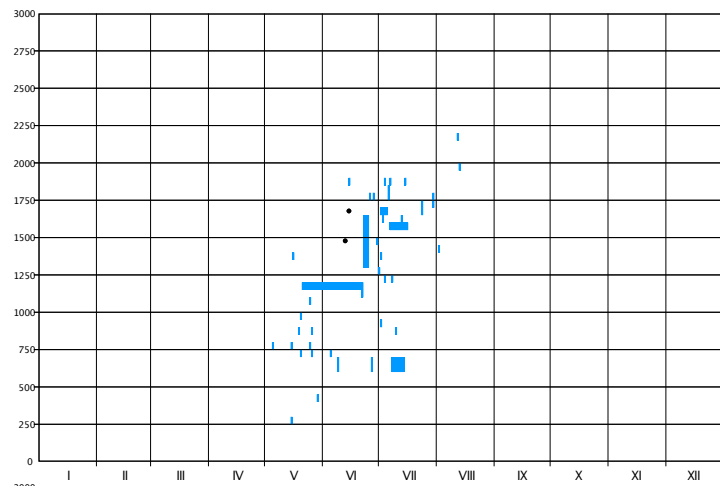
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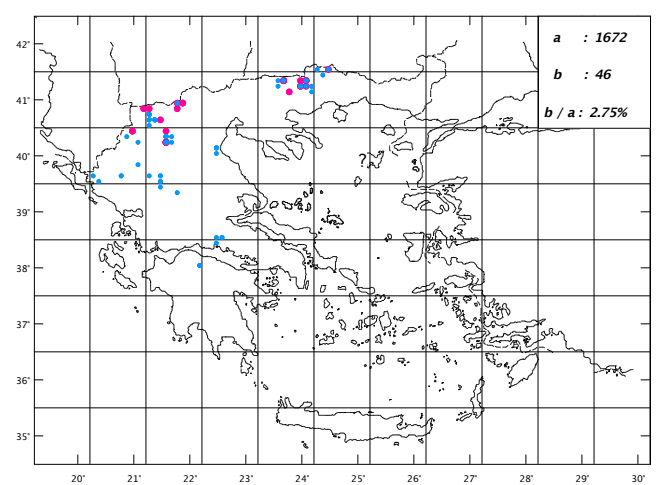
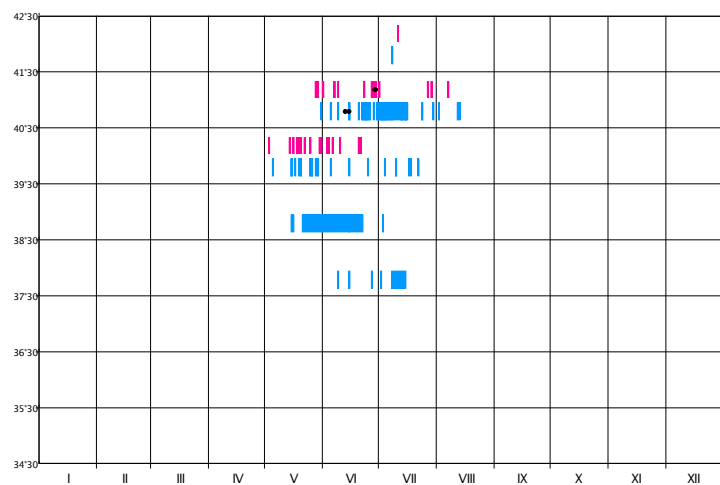
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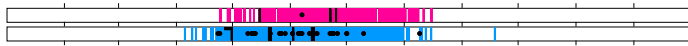
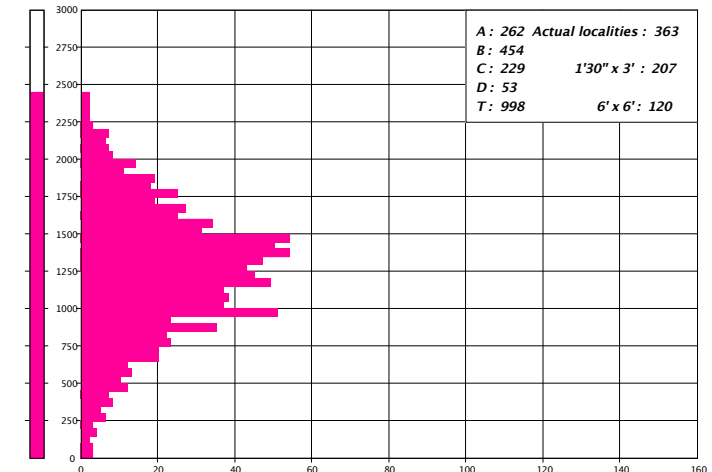
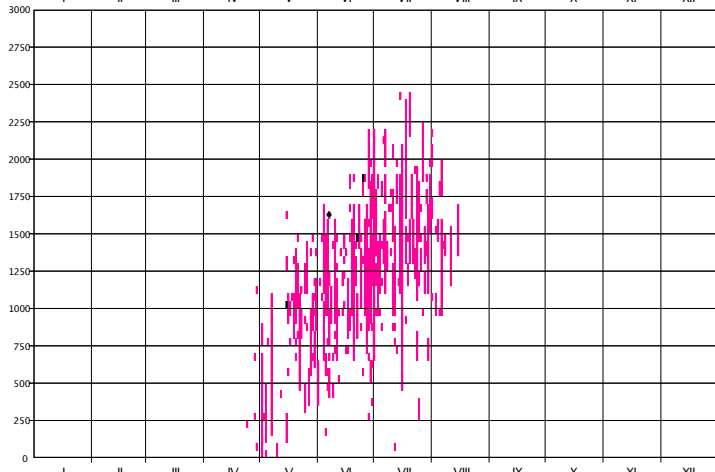
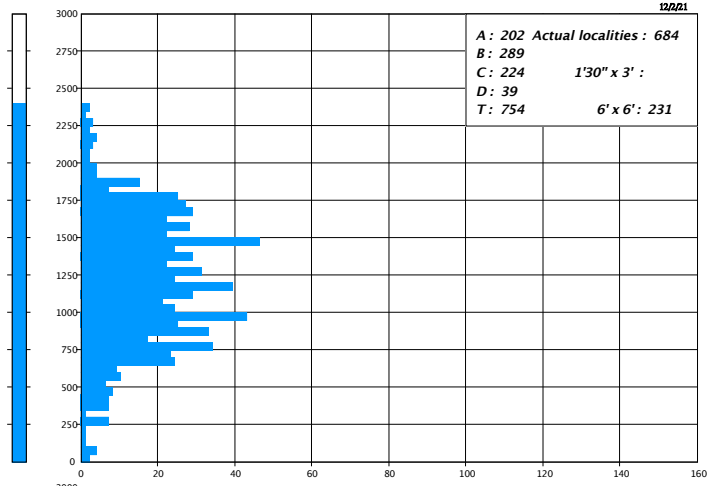
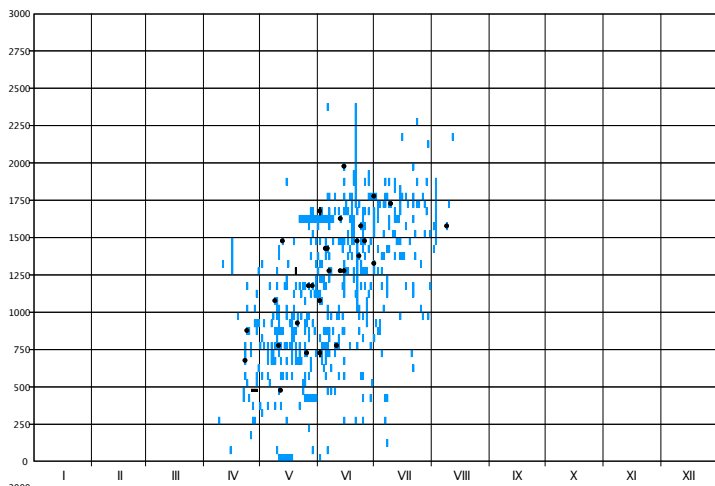


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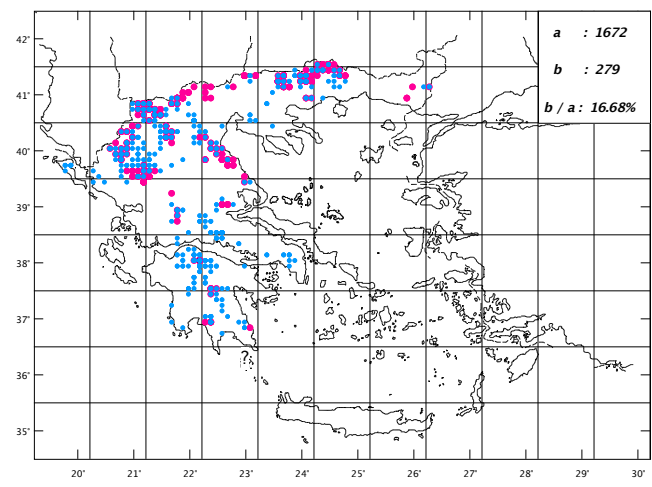
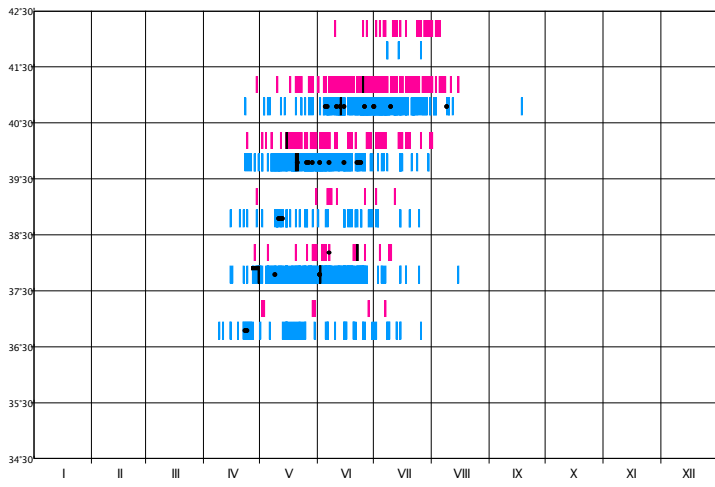


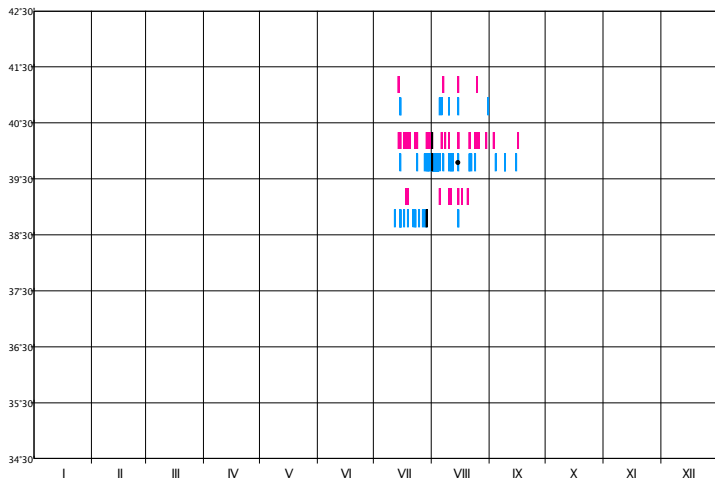
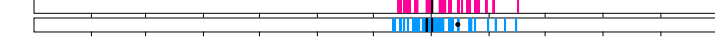
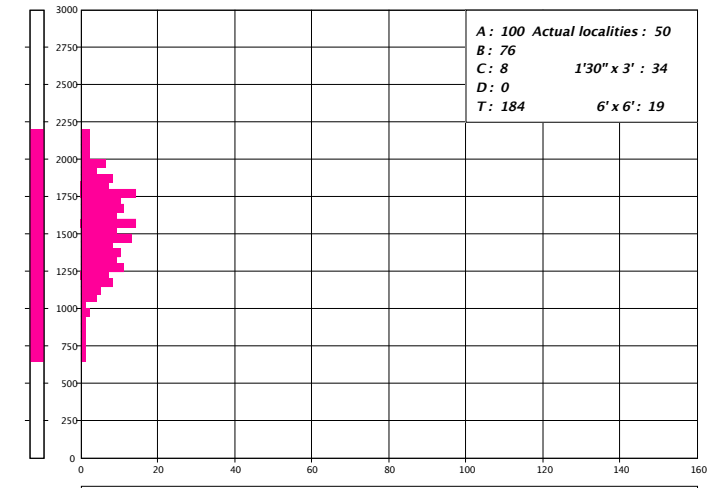
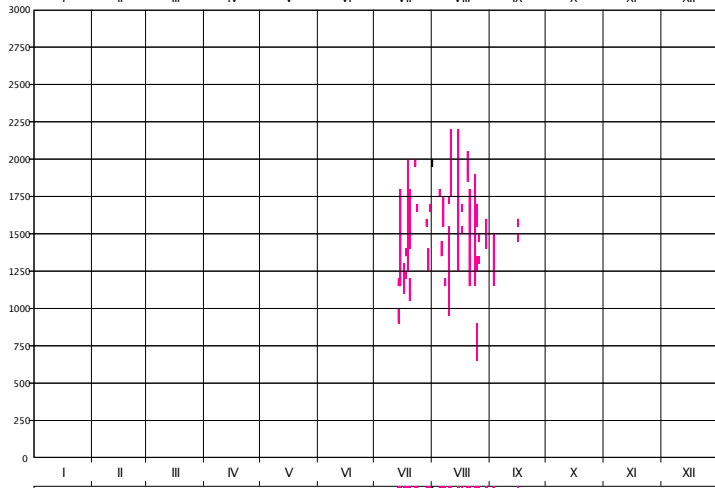
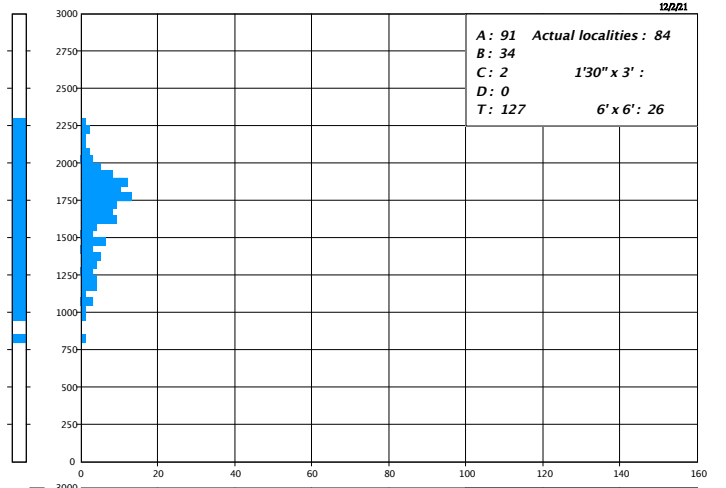
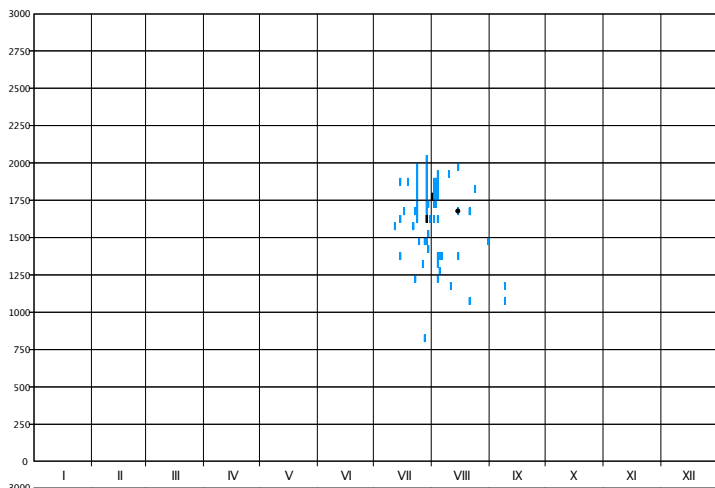
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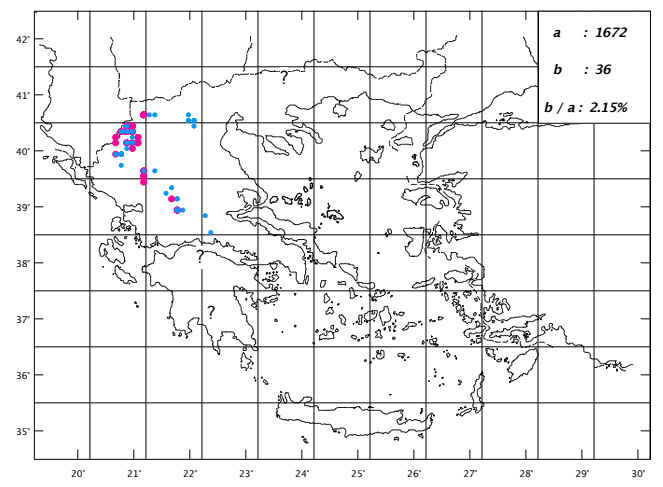


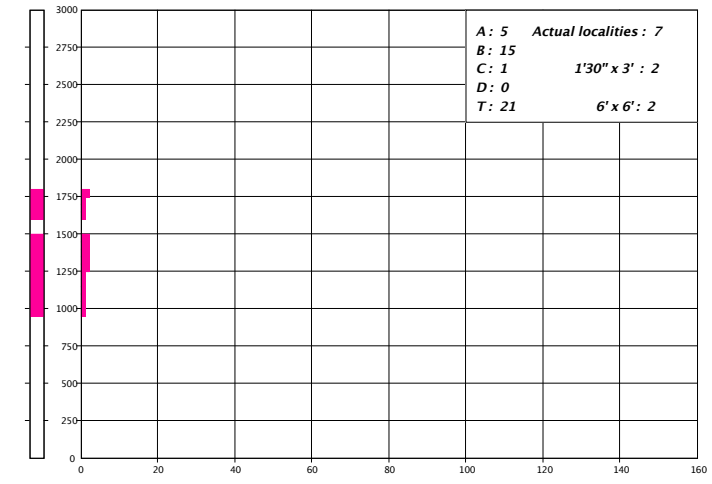
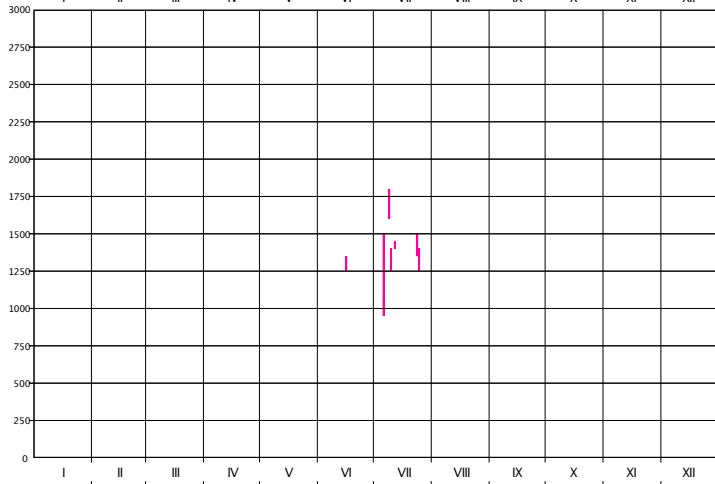
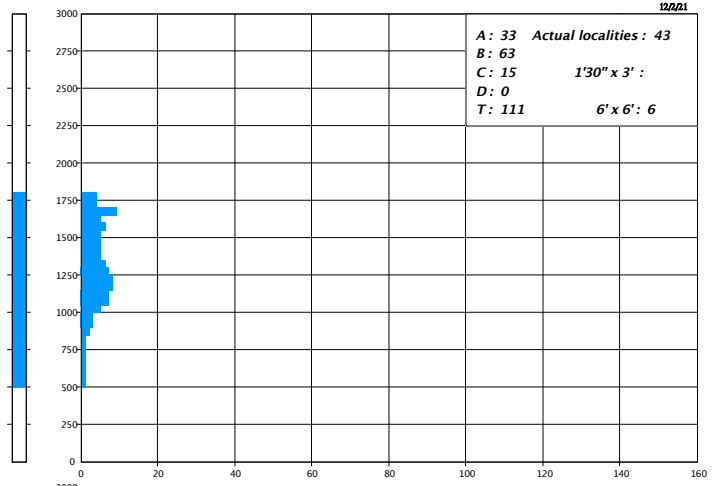
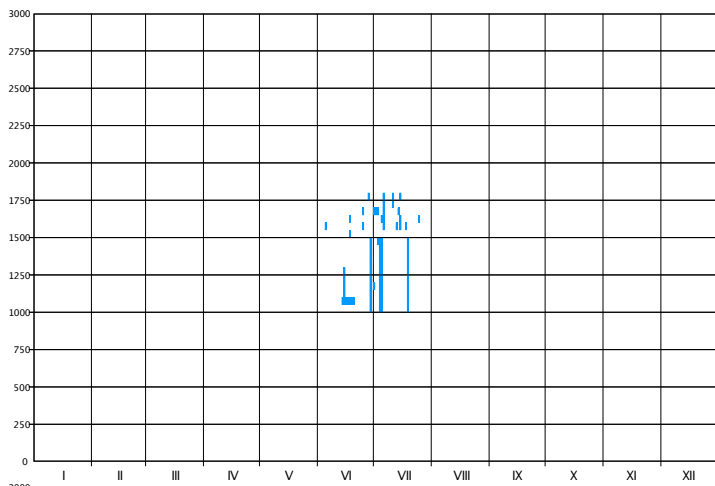
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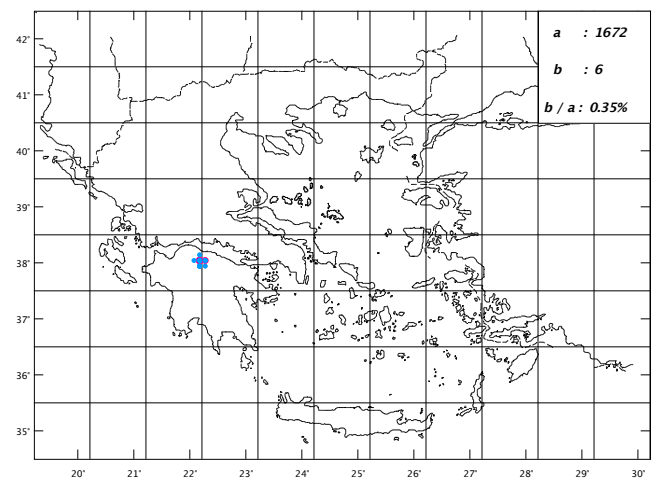
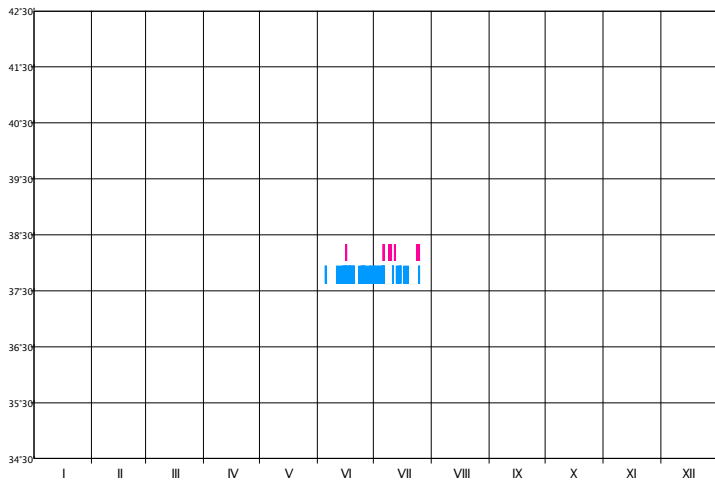


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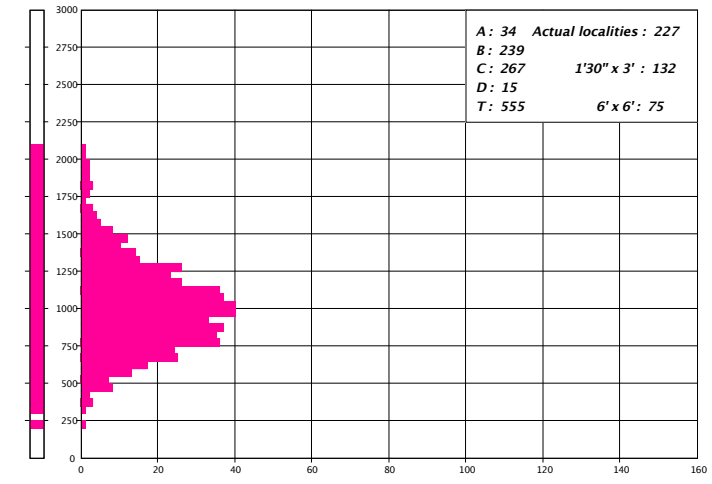
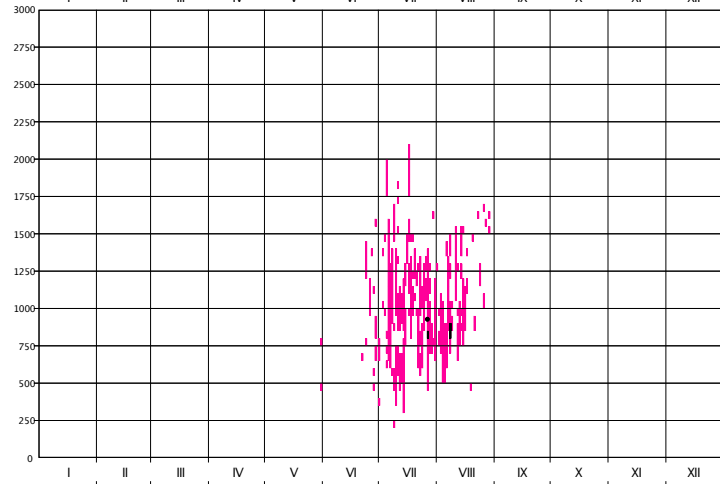
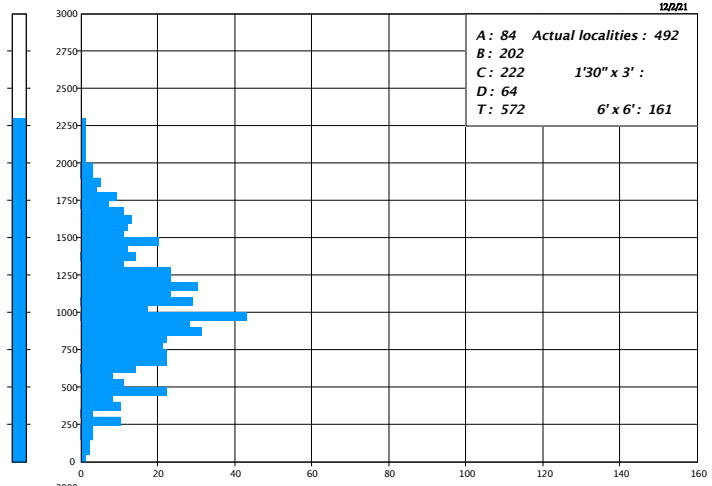
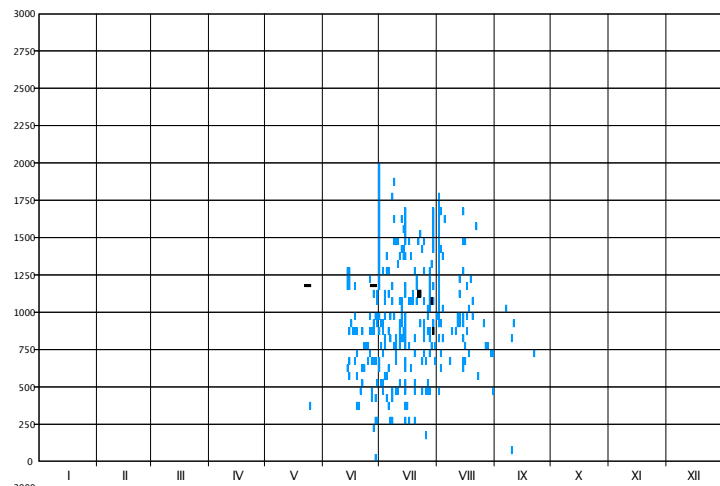




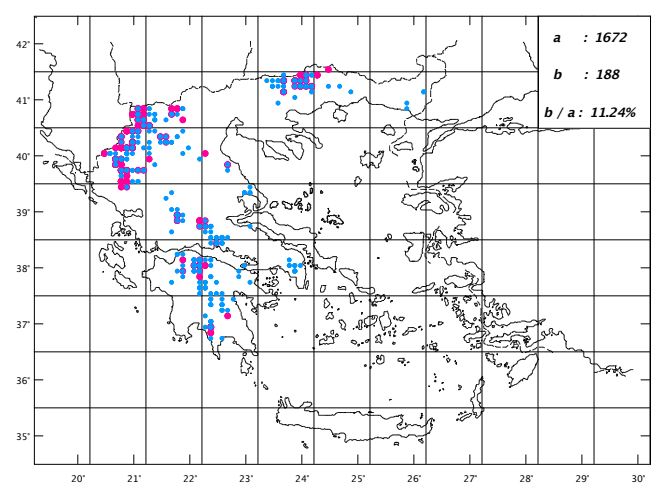
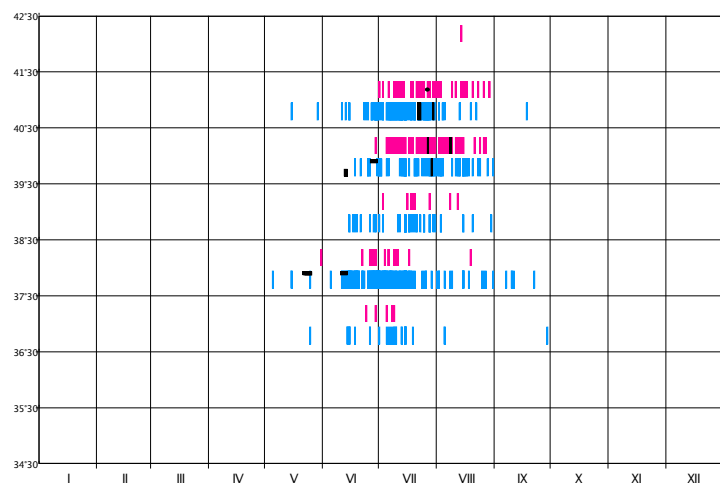
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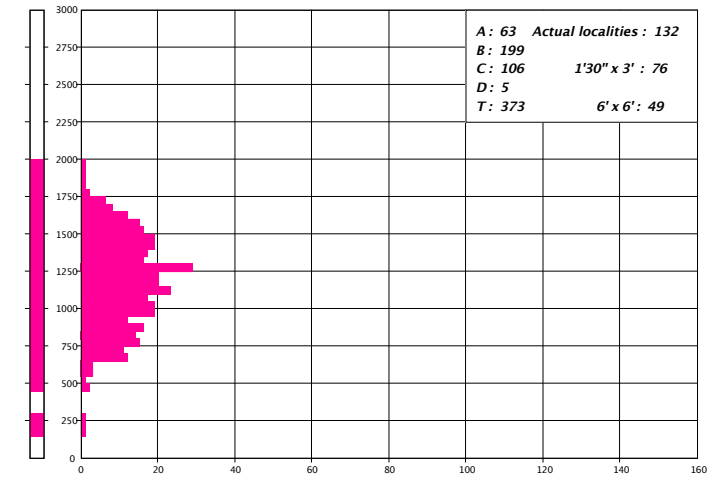
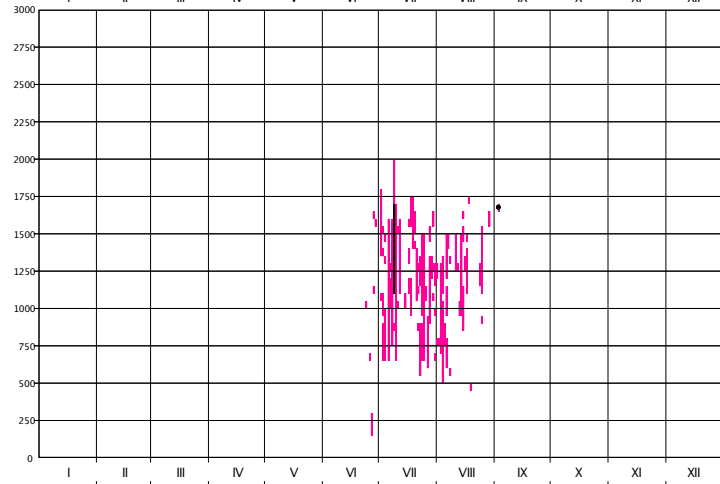
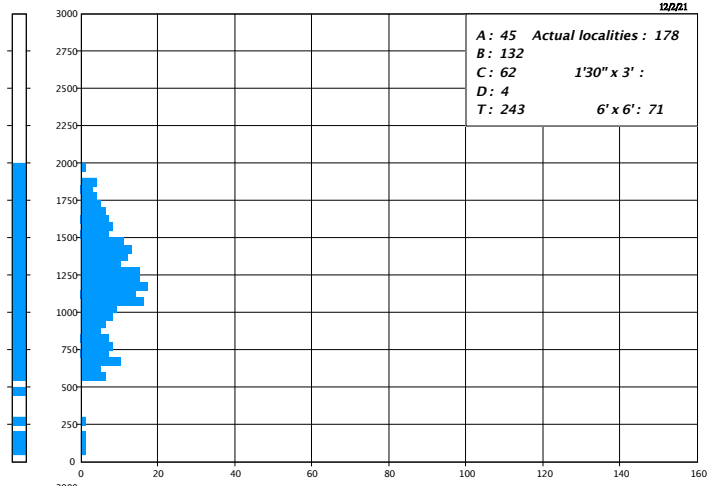
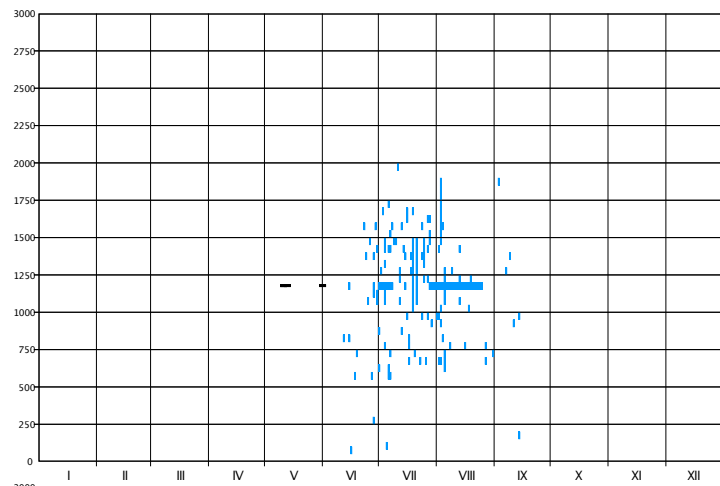




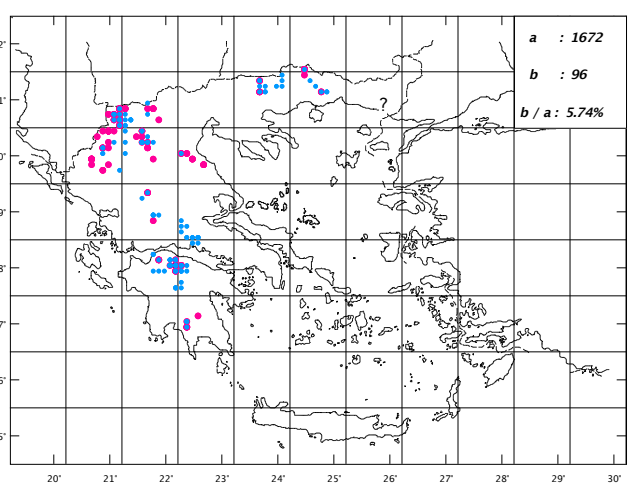
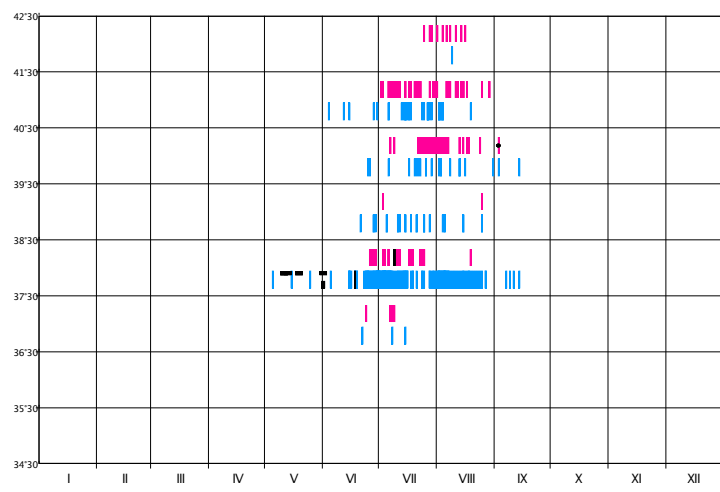


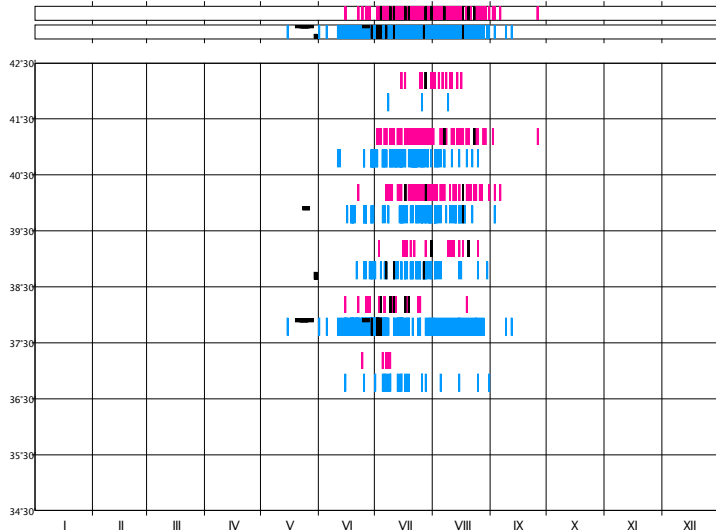
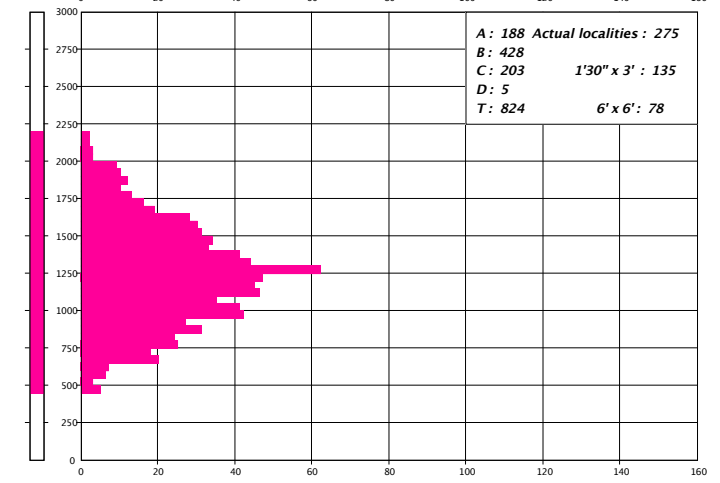
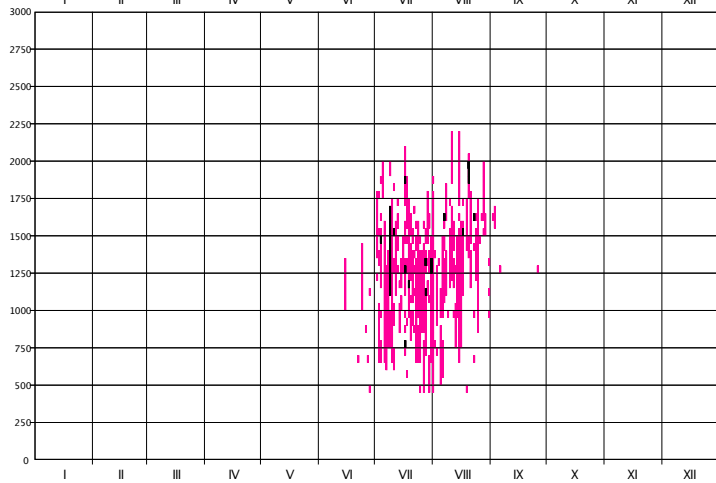
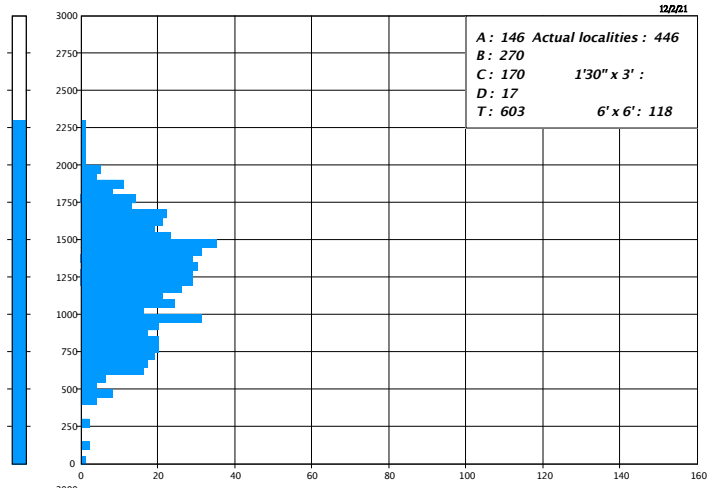
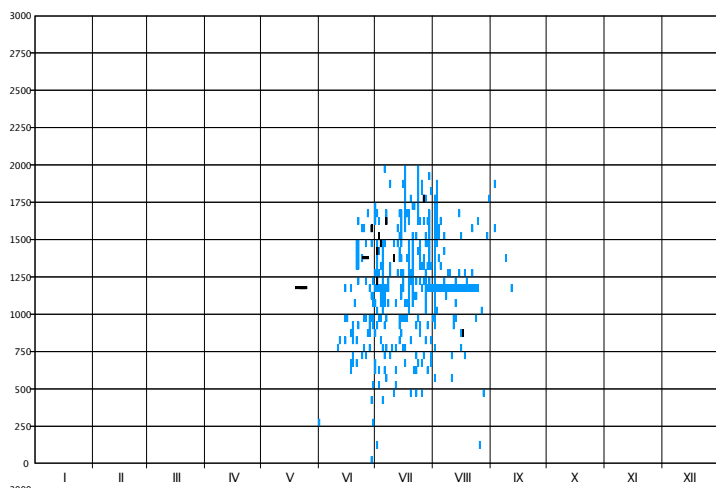
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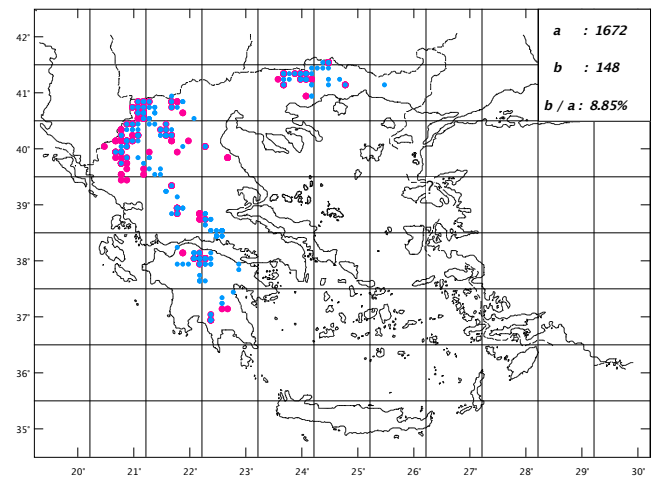


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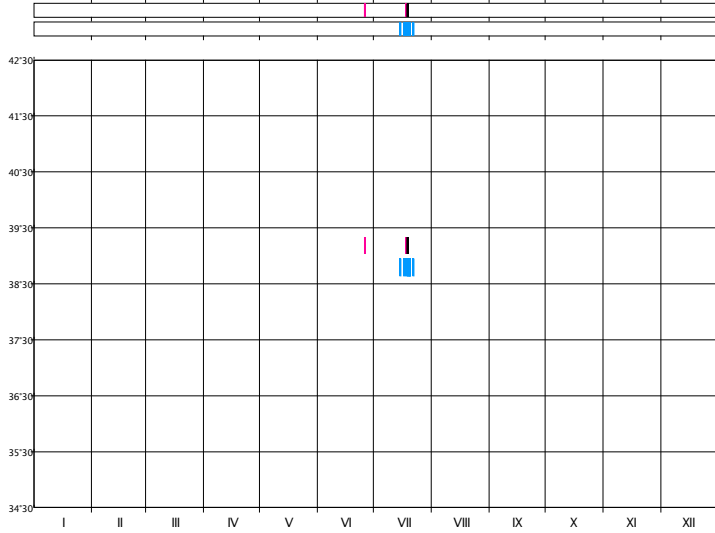
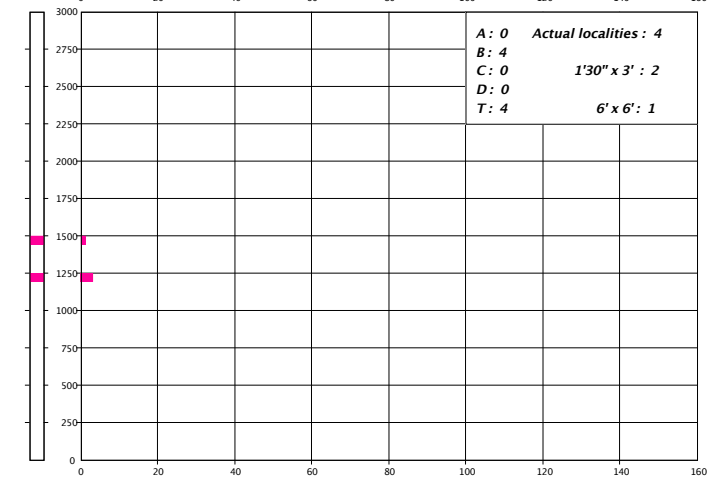
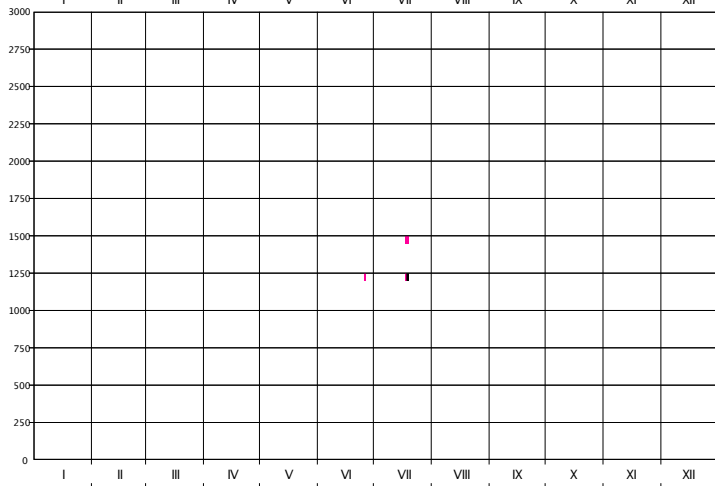
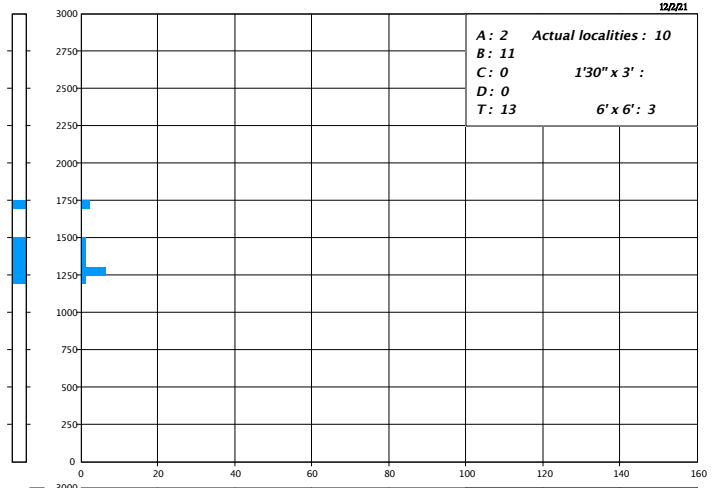
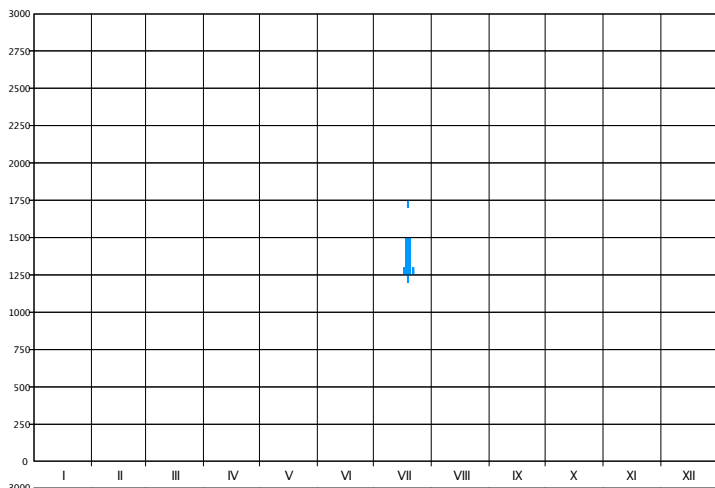
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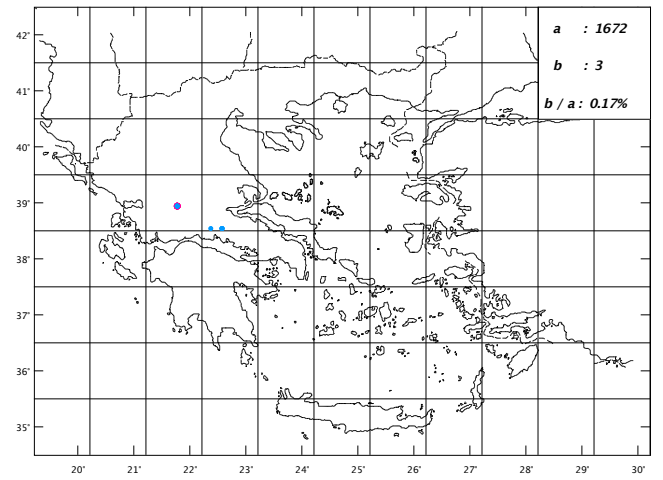
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As published by VISHNEVSKAYA MS, SAIFITDINOVA AF, LUKHTANOV VA (2016):  
 Karyosystematics and molecular taxonomy of the anomalous blue butterflies (Lepidoptera, Lycaenidae) from the Balkan Peninsula. Comparative Cytogenetics 10(5): 1–85. <https://doi.org/10.3897/CompCytogen.v10i5.10944>, the new endemic species *Polyommatus timfristos* was found in Mt Paranssos and Mt Tymfristos, very similar (in external characters) to *P. ripartii*. All records of *P. ripartii*, in this map, should be revised because of the possibility that new cryptic species is hidden.

Όπως δημοσιεύθηκε στο VISHNEVSKAYA MS, SAIFITDINOVA AF, LUKHTANOV VA (2016):  
 Karyosystematics and molecular taxonomy of the anomalous blue butterflies (Lepidoptera, Lycaenidae) from the Balkan Peninsula. Comparative Cytogenetics 10(5): 1–85. <https://doi.org/10.3897/CompCytogen.v10i5.10944>, το νέο είδος *Polyommatus timfristos* βρέθηκε στα βουνά Παρνασσός και Τυμφρηστός, το οποίο είναι πάρα πολύ όμοιο με το *P. ripartii* (στα εξωτερικά χαρακτηριστικά). Όλες οι καταγραφές του *P. ripartii*, σε αυτόν τον χάρτη, θα πρέπει να επανεξεταστούν επειδή υπάρχει η πιθανότητα να υπάρχουν και άλλα κρυπτικά είδη.

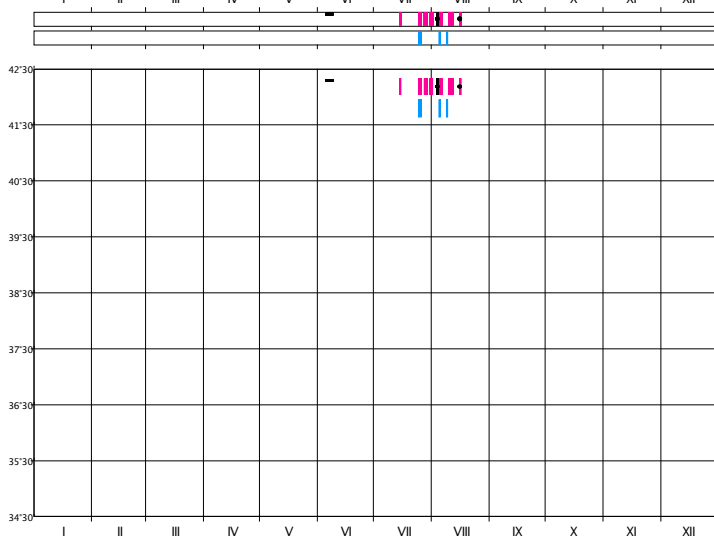
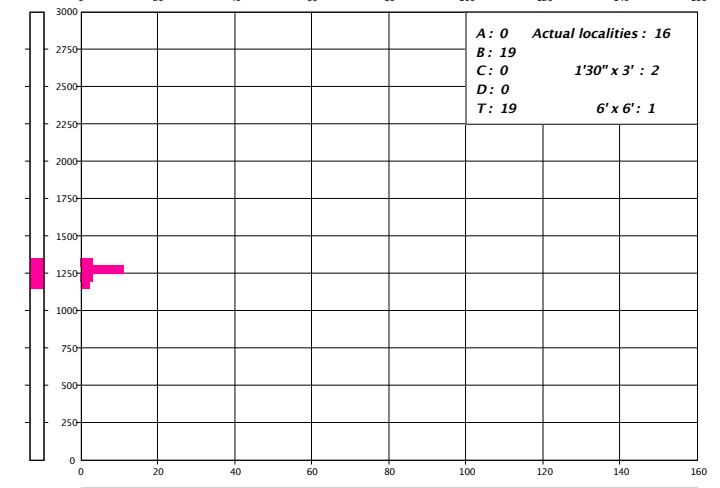
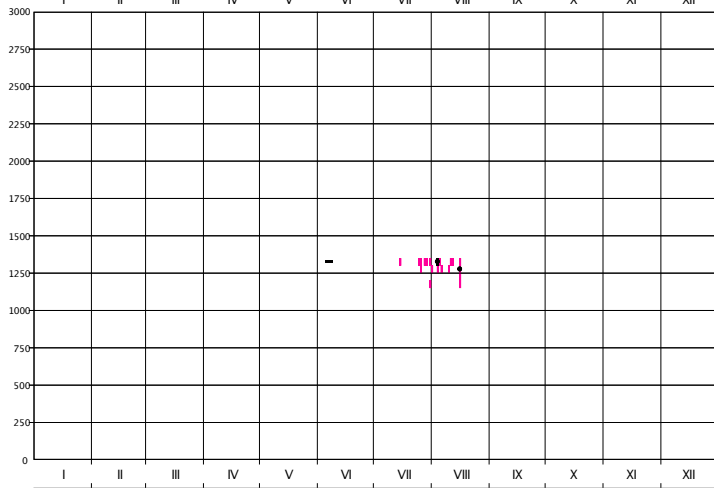
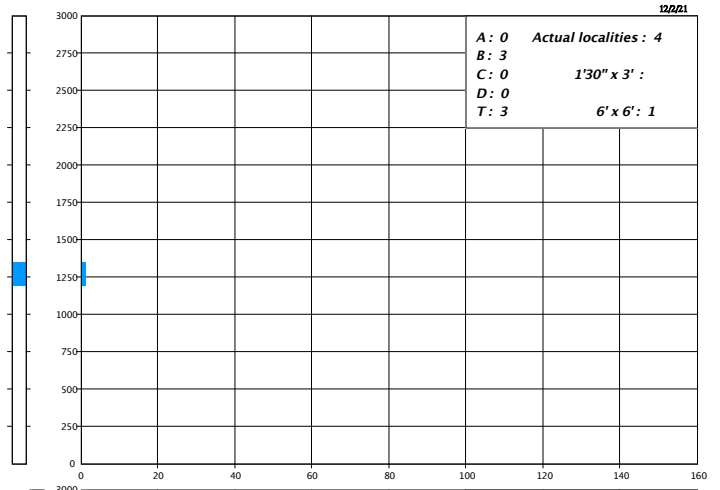
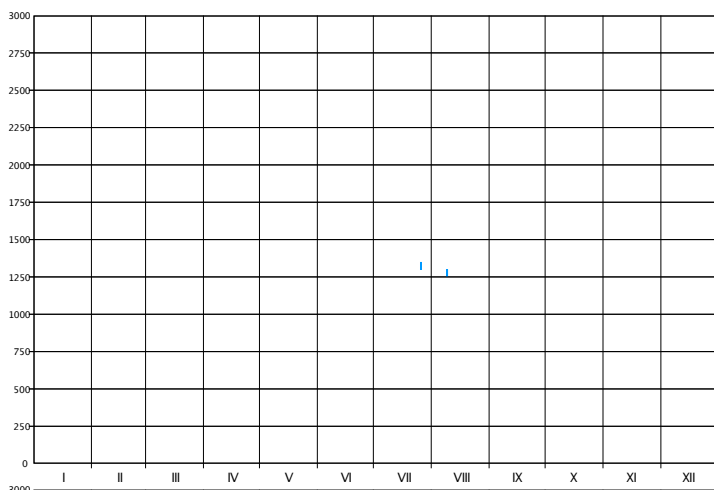


**LYCAENIDAE *Polyommatus timfristos***

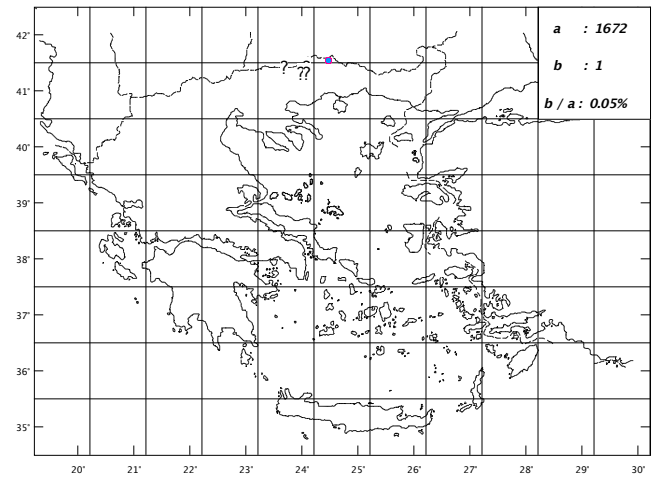


**ΕΝΔΗΜΙΚΟ ΕΙΔΟΣ ΤΗΣ ΕΛΛΑΔΑΣ  
ENDEMIC SPECIES OF GREECE**

[http://www.pamperis.gr/PHOTOGRAPHS/Polyommatus\\_ripartii\\_timfristos\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Polyommatus_ripartii_timfristos_complex.html)

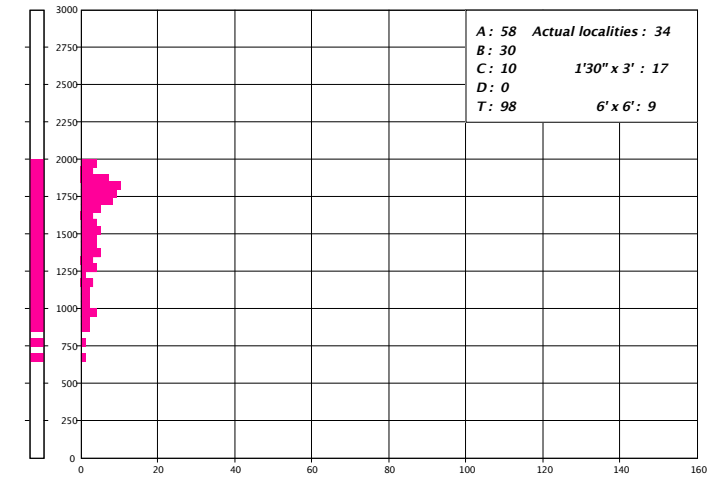
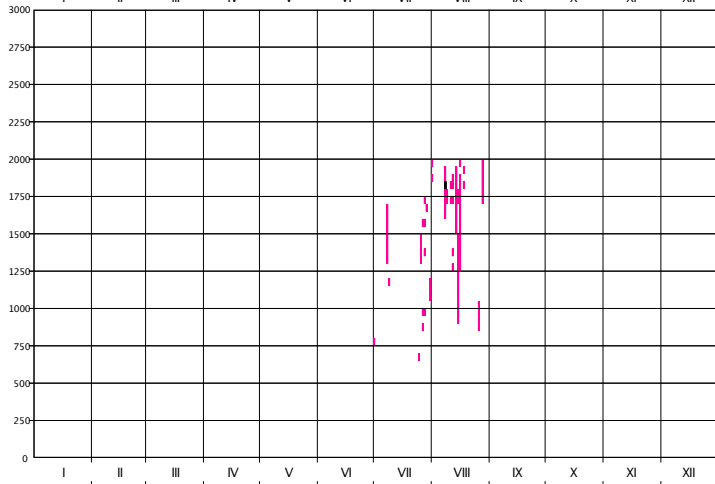
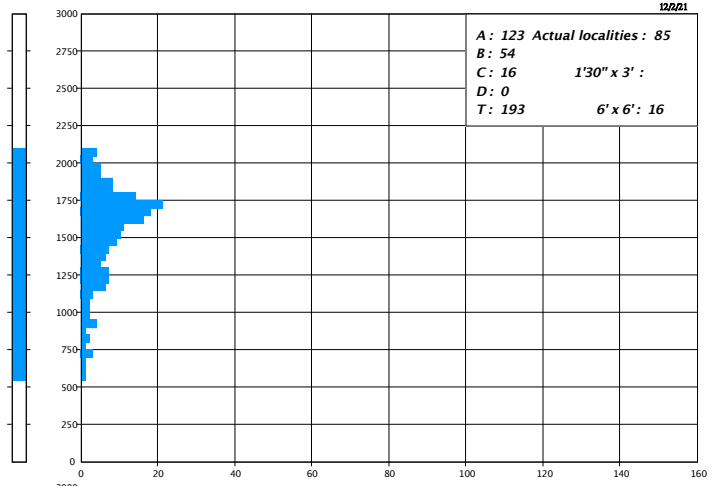
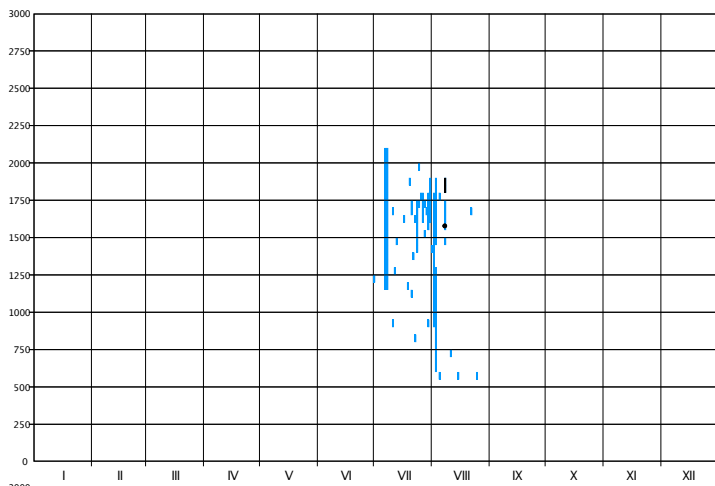


**LYCAENIDAE *Polyommatus orphicus***

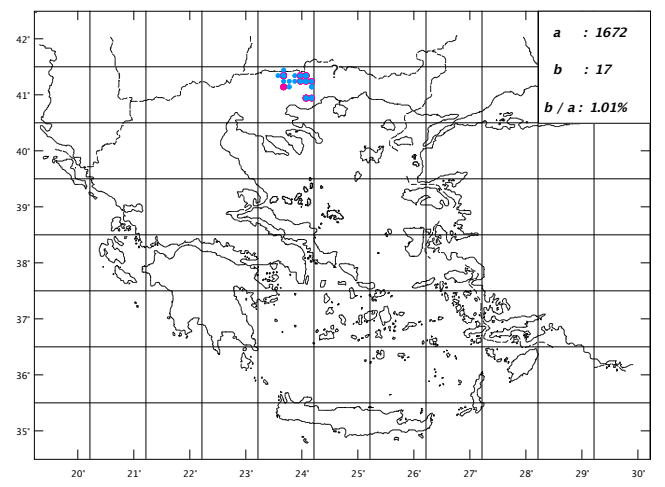
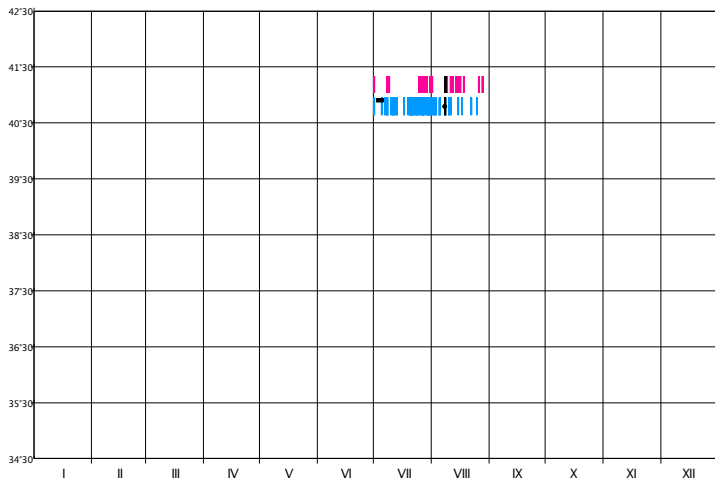


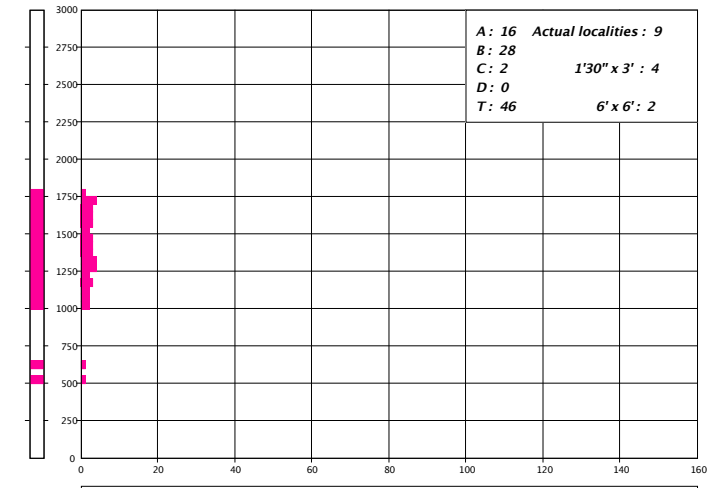
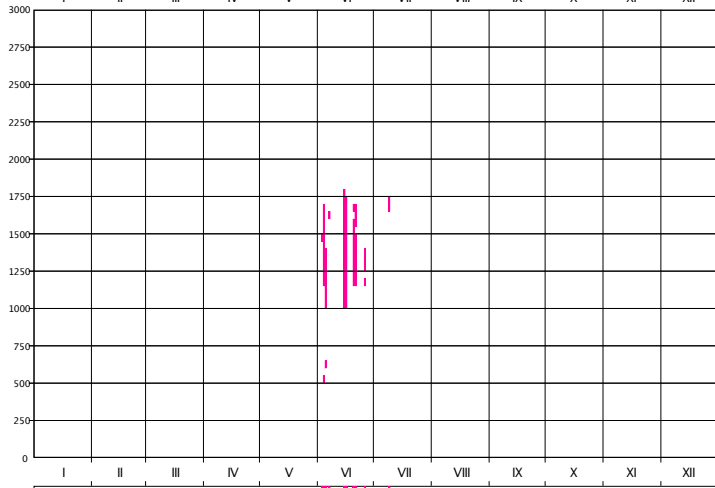
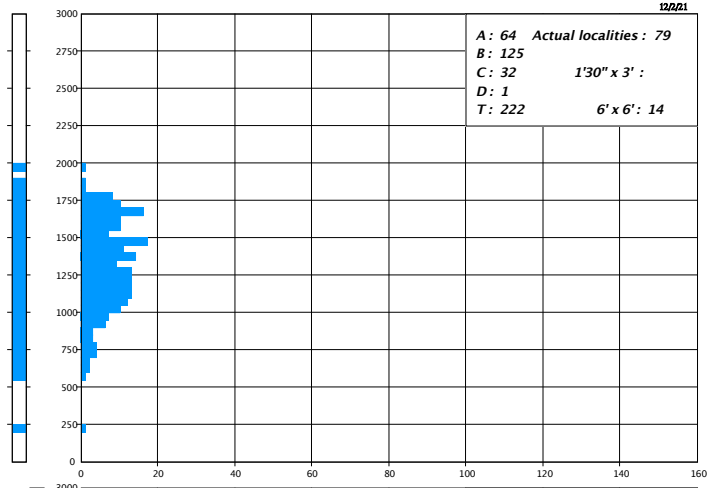
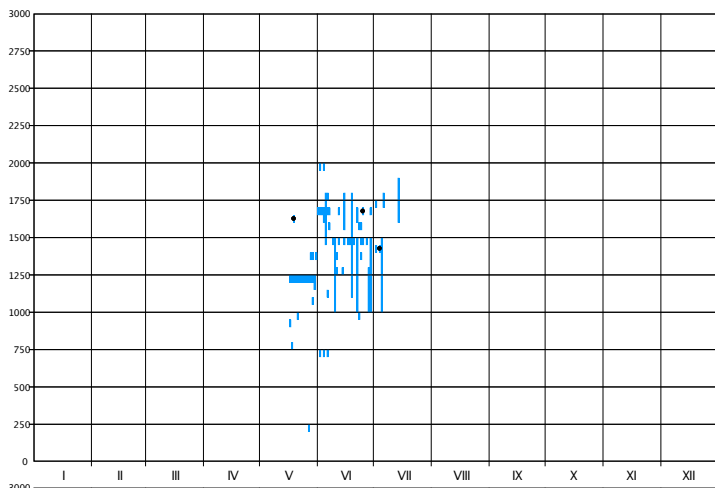
Temporarily some question marks (?) on Map are for the new *Polyommatus orphicus eleniae*, a new subspecies as suggested by VISHNEVSKAYA MS, SAIFITDINOVA AF, LUKHTANOV VA (2016): Karyosystematics and molecular taxonomy of the anomalous blue butterflies (Lepidoptera, Lycaenidae) from the Balkan Peninsula. Comparative Cytogenetics 10(5): 1–85. <https://doi.org/10.3897/CompCytogen.v10i5.10944>

Προσωρινά στον Χάρτη υπάρχουν ερωτηματικά (?) για το *Polyommatus orphicus eleniae*, το οποίο έχει προταθεί με το VISHNEVSKAYA MS, SAIFITDINOVA AF, LUKHTANOV VA (2016): Karyosystematics and molecular taxonomy of the anomalous blue butterflies (Lepidoptera, Lycaenidae) from the Balkan Peninsula. Comparative Cytogenetics 10(5): 1–85. <https://doi.org/10.3897/CompCytogen.v10i5.10944>

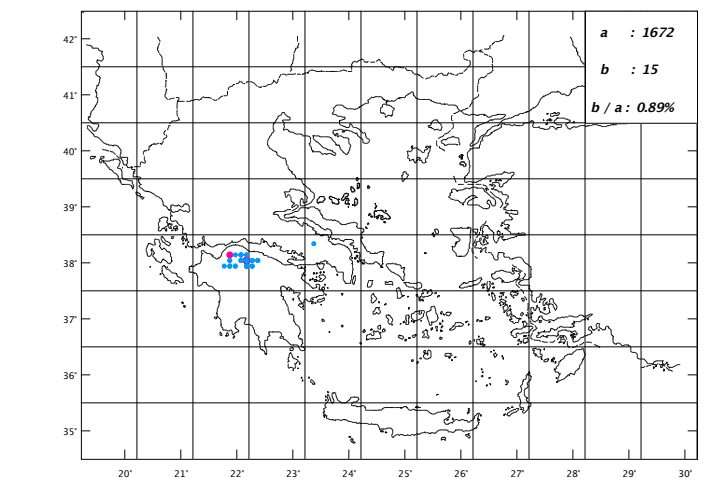
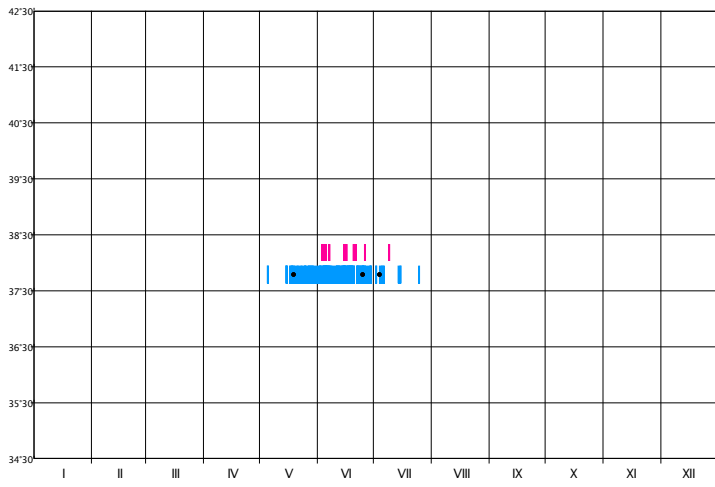


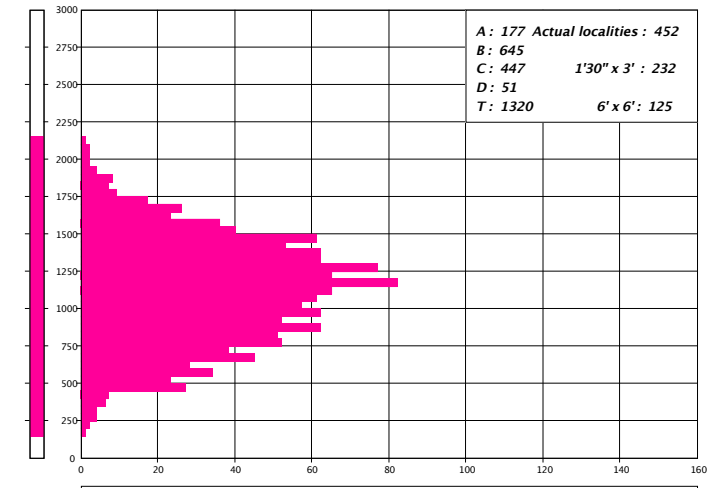
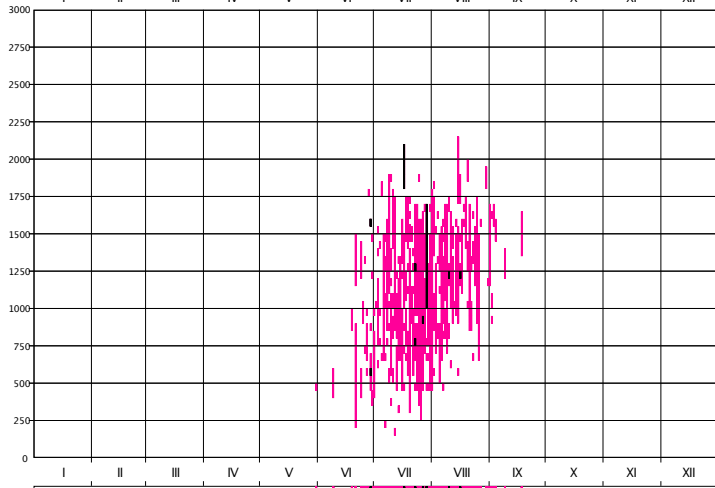
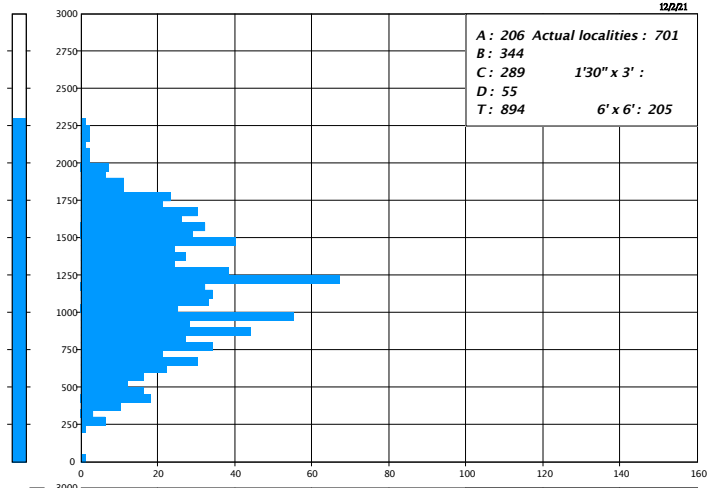
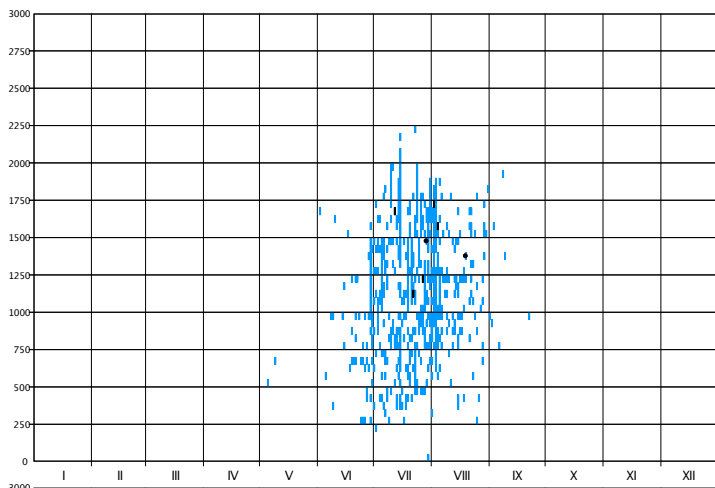
**LYCAENIDAE *Polyommatus nephohiptamenes***



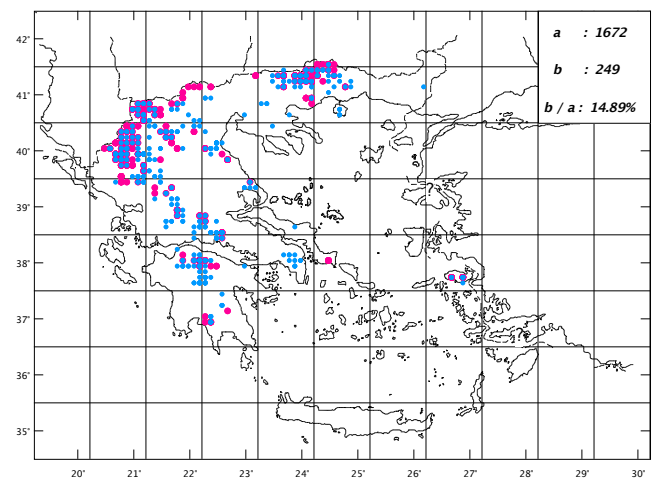
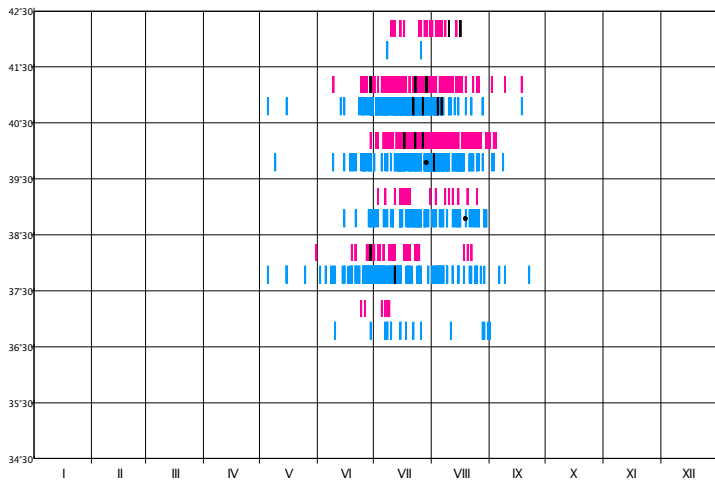


**LYCAENIDAE *Neolysandra coelestina***

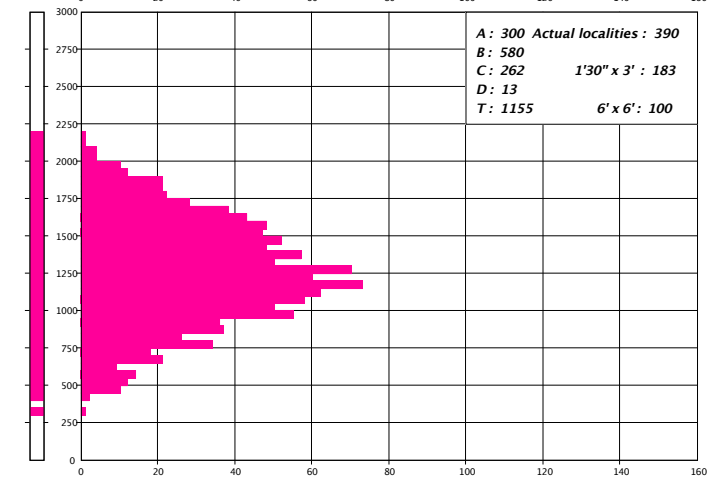
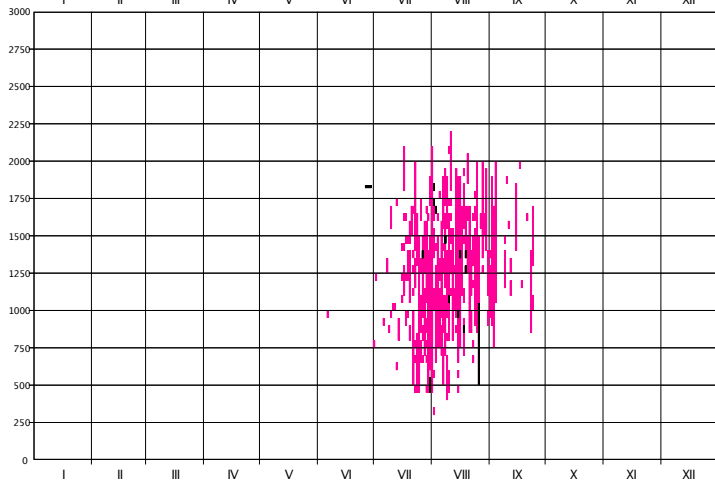
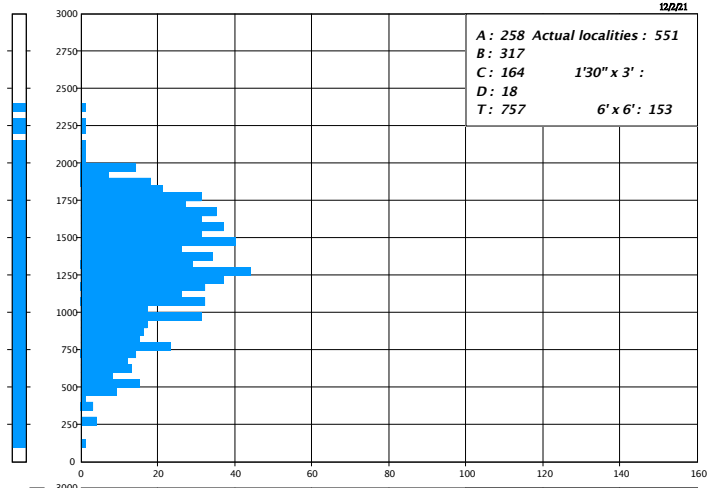
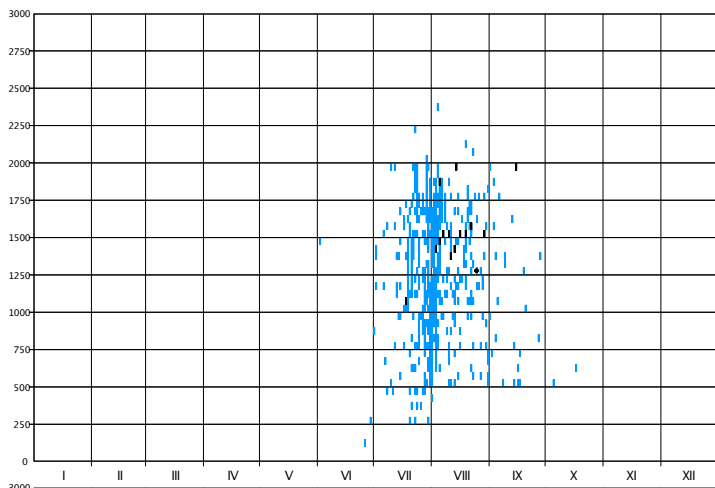




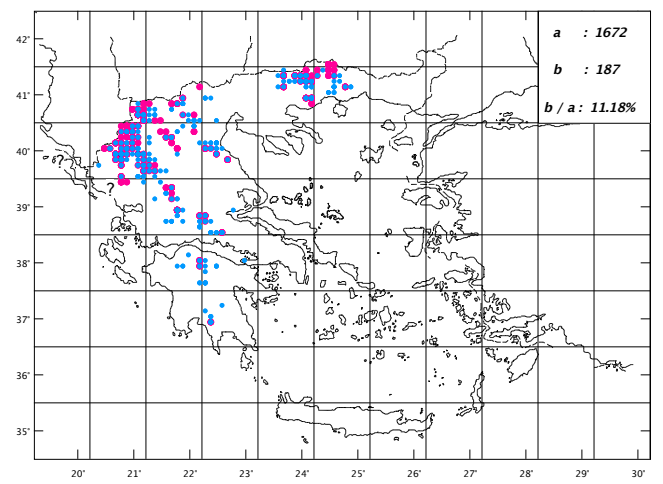
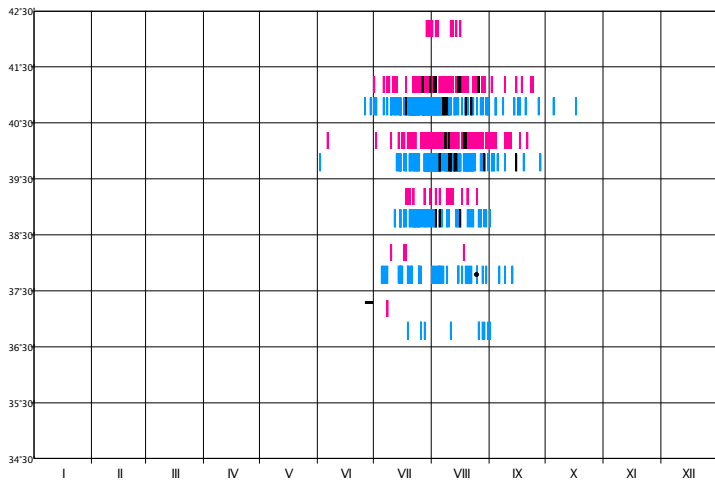
**LYCAENIDAE *Polyommatus daphnis***



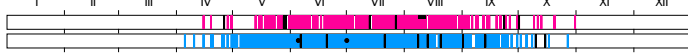
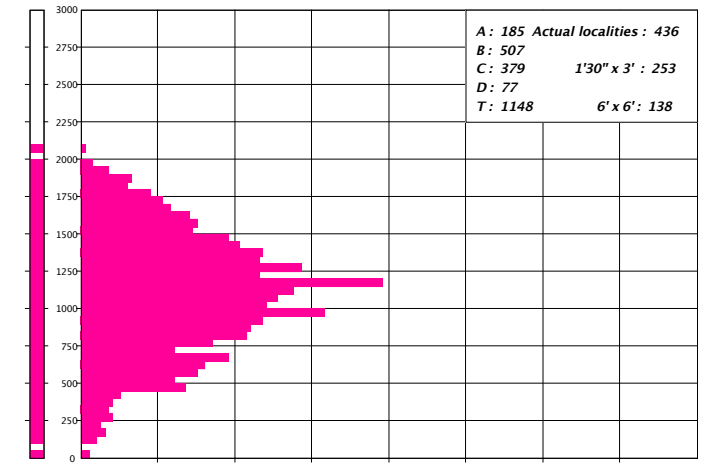
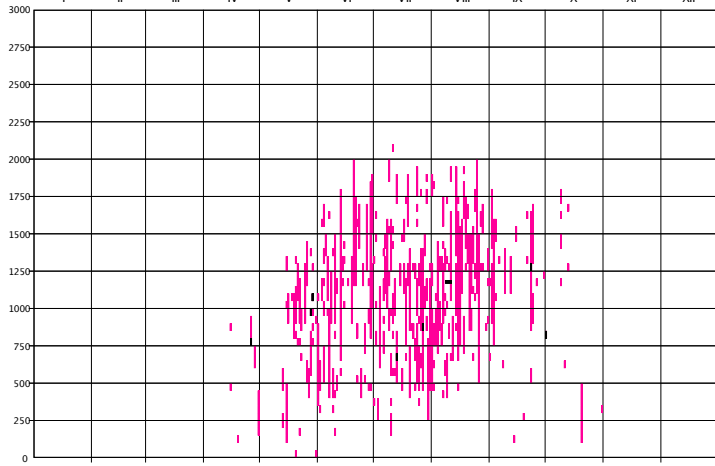
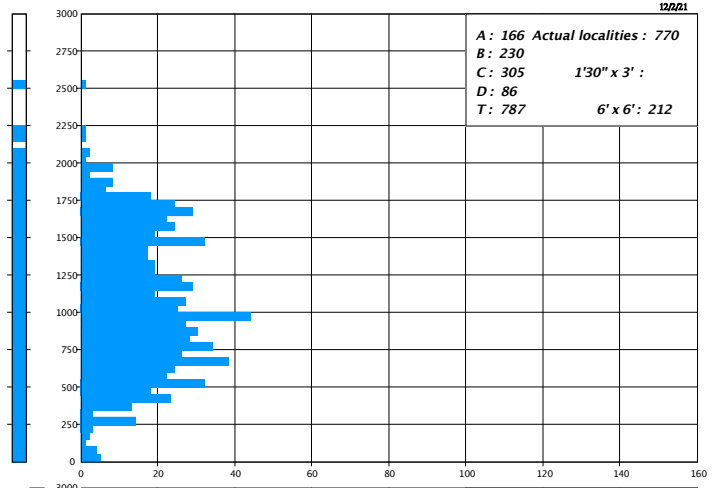
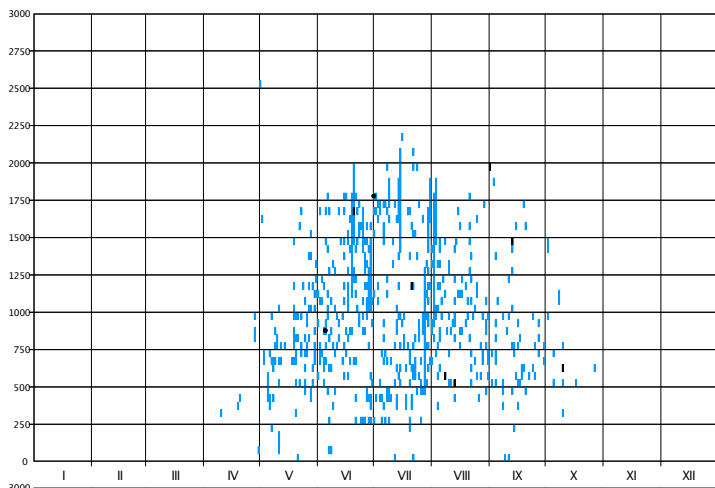




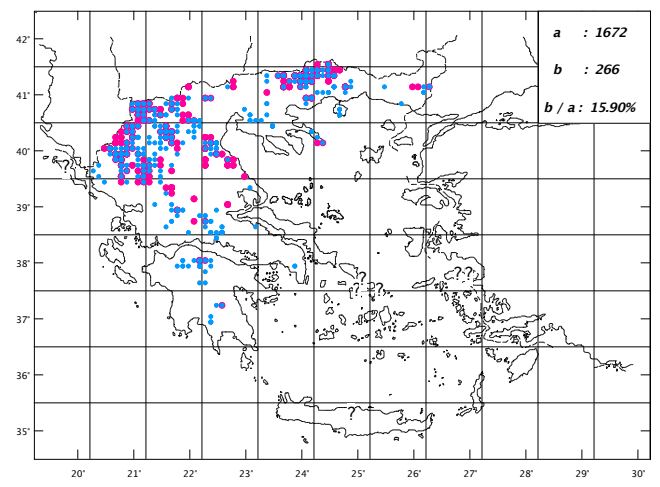
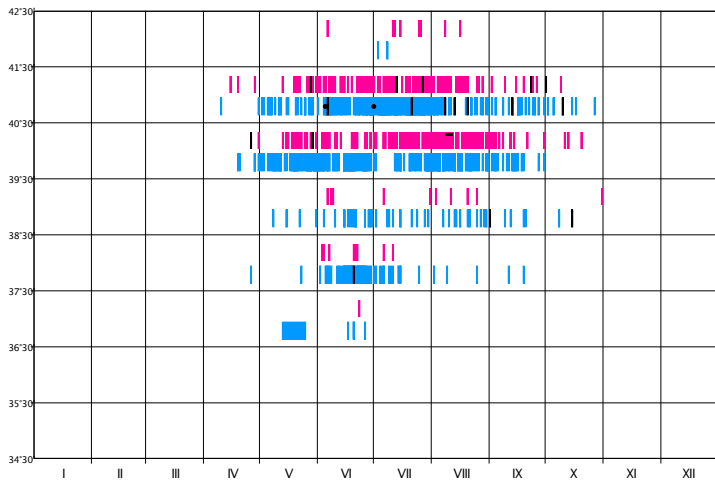
**LYCAENIDAE *Lysandra coridon***



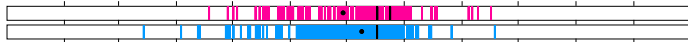
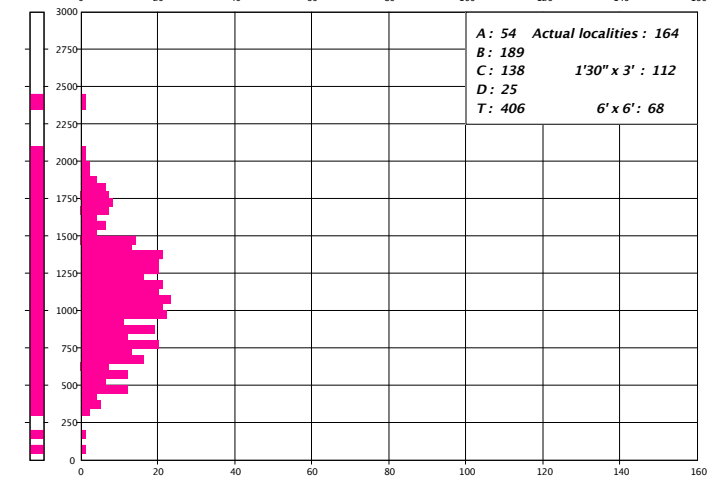
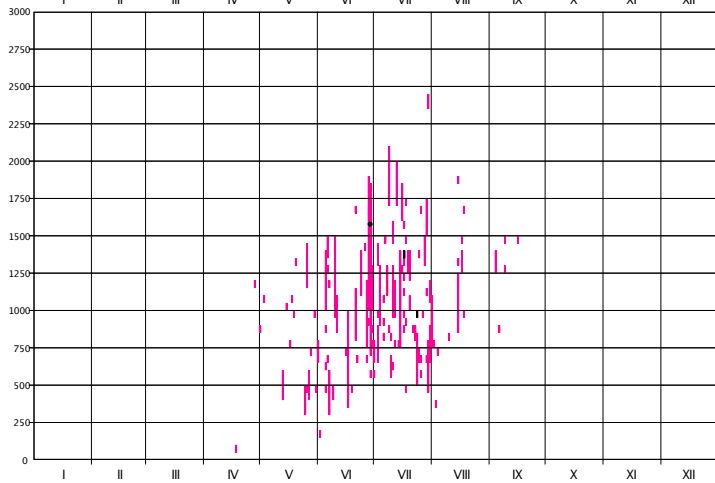
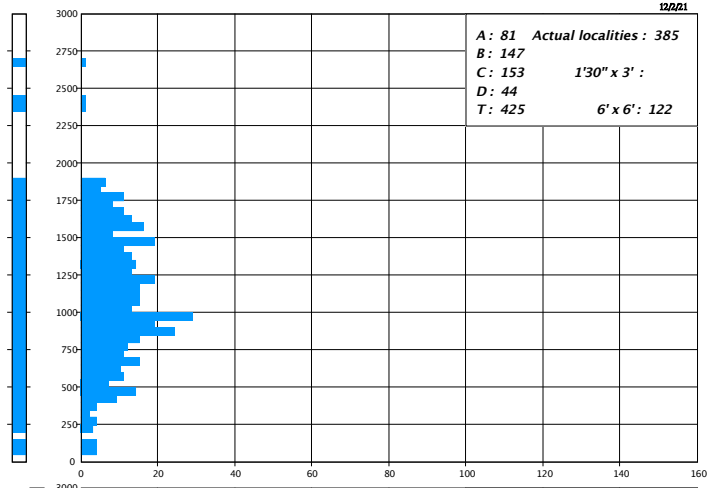
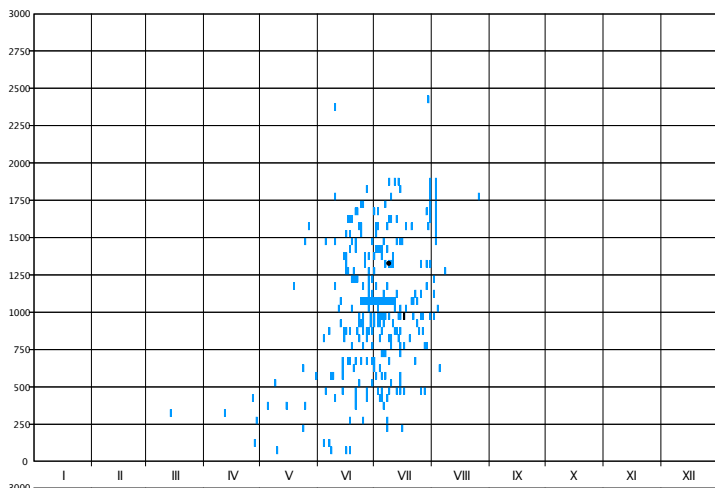
[http://www.pamperis.gr/PHOTOGRAPHS/Lysandra\\_coridon,\\_Lysandra\\_bellargus.html](http://www.pamperis.gr/PHOTOGRAPHS/Lysandra_coridon,_Lysandra_bellargus.html)



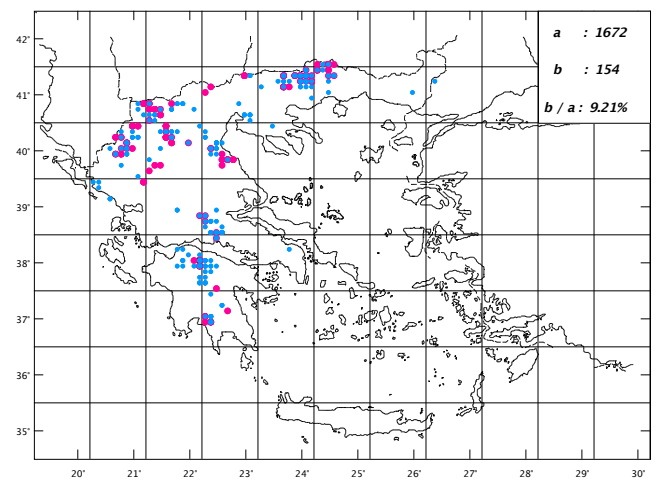
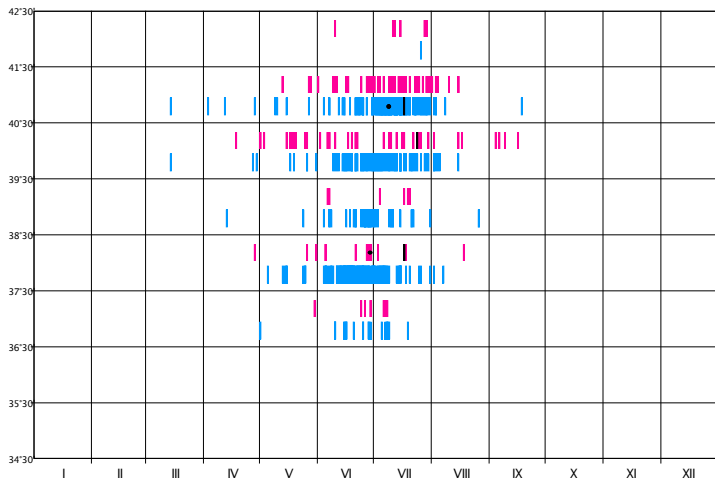
**LYCAENIDAE *Lysandra bellargus***



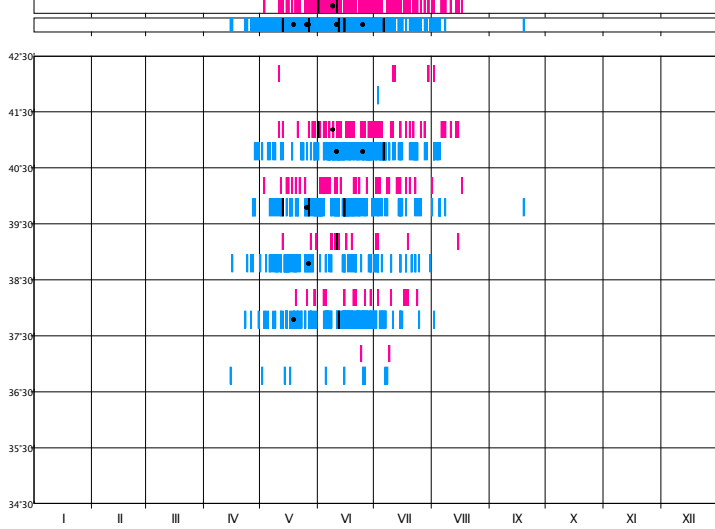
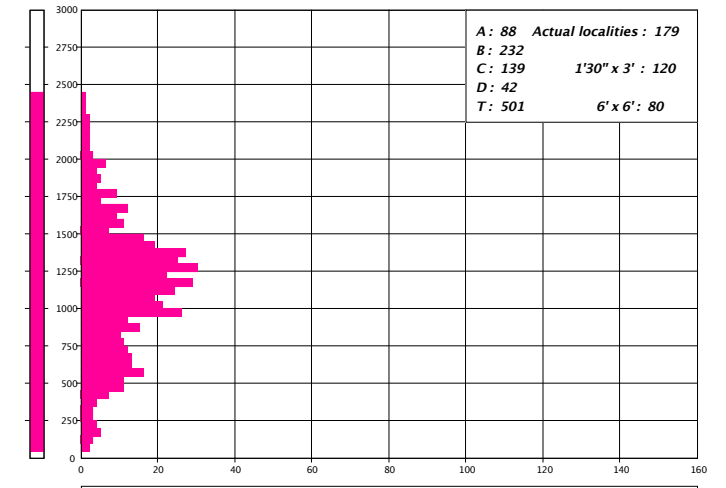
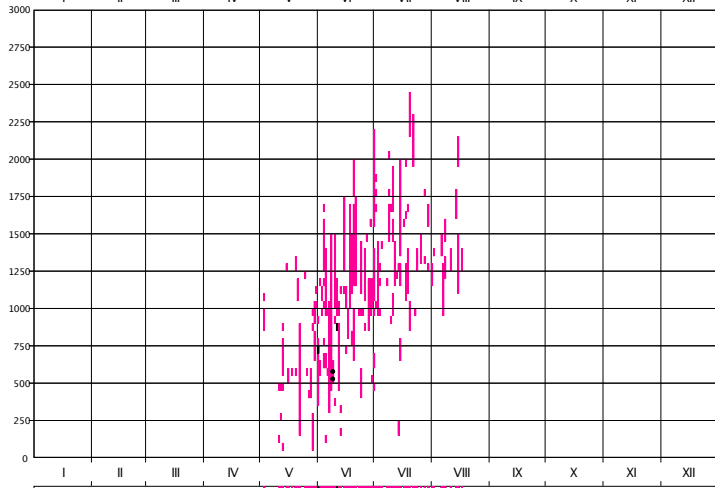
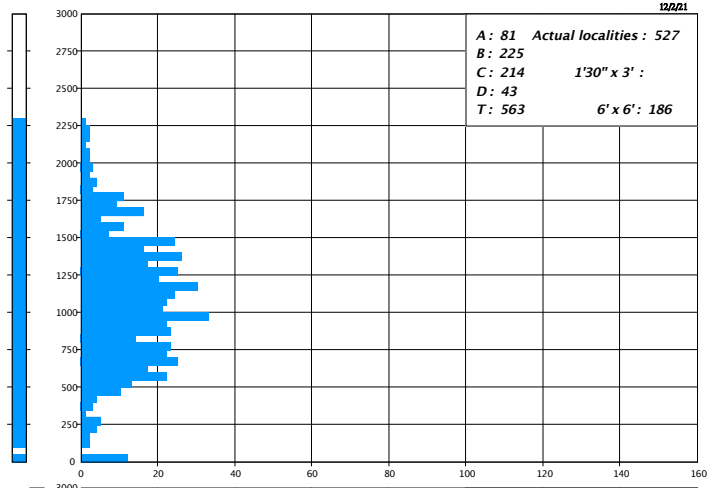
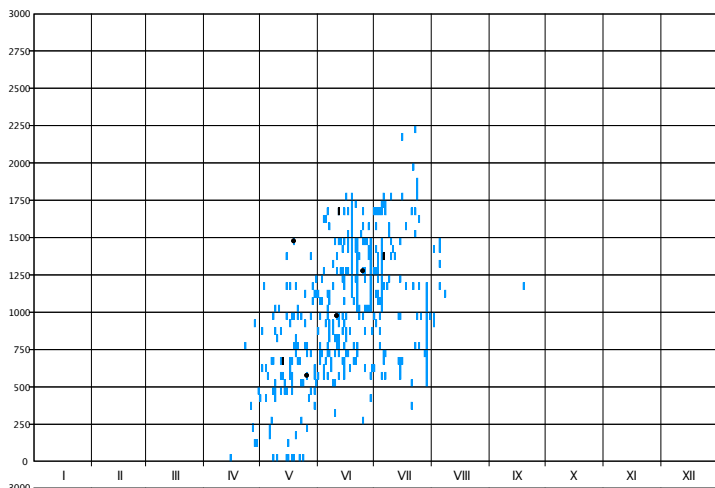
[http://www.pamperis.gr/PHOTOGRAPHS/Lysandra\\_coridon,\\_Lysandra\\_bellargus.html](http://www.pamperis.gr/PHOTOGRAPHS/Lysandra_coridon,_Lysandra_bellargus.html)



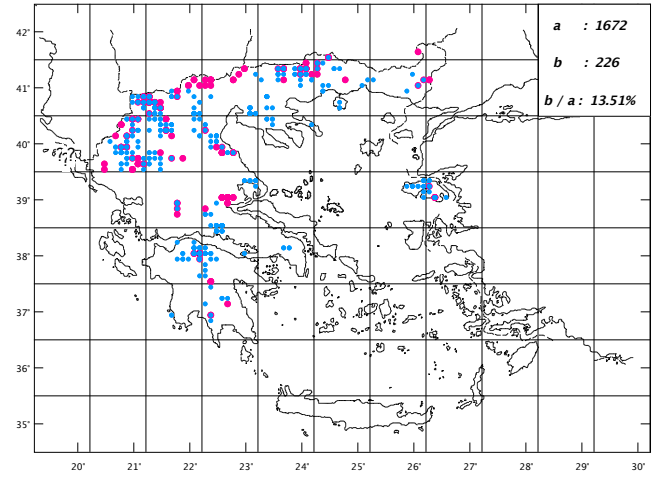
**LYCAENIDAE *Polyommatus escheri***

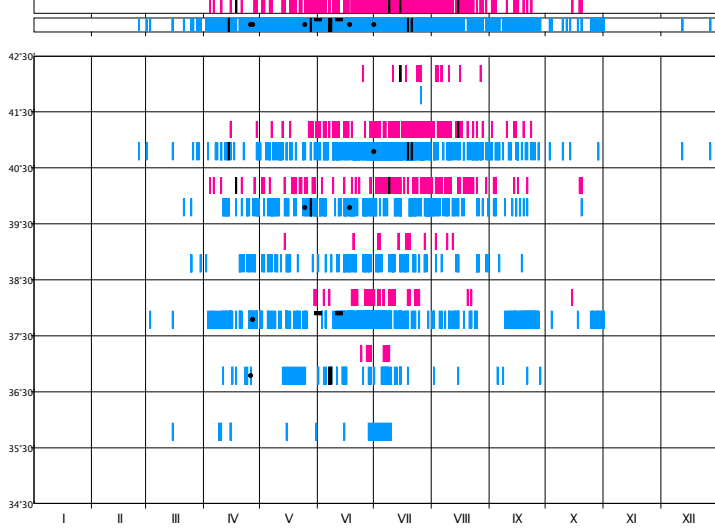
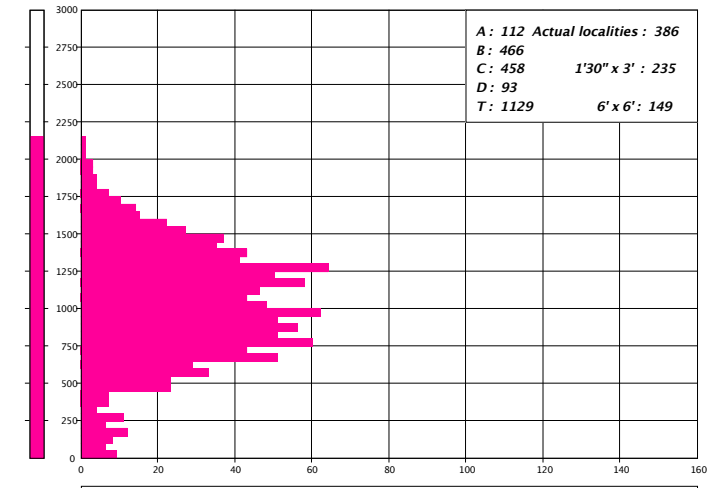
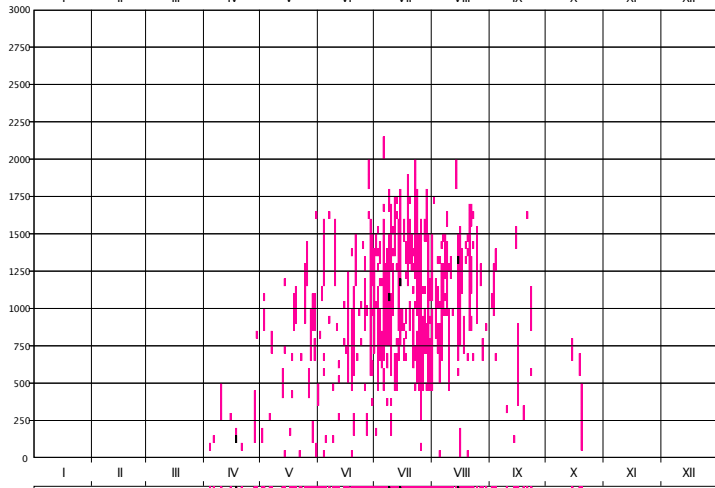
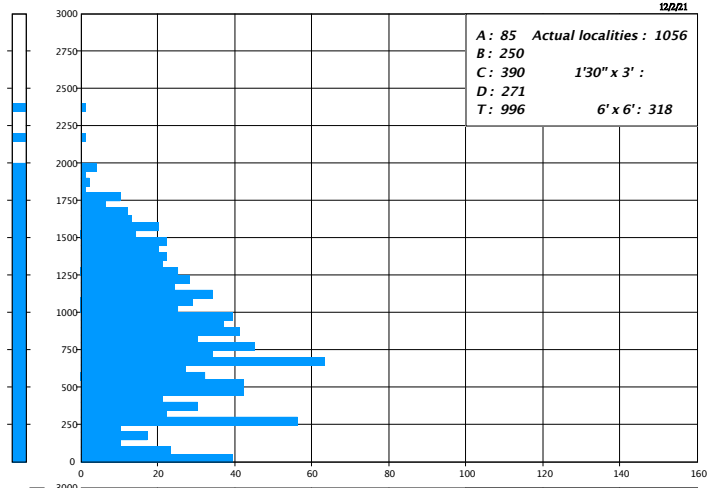
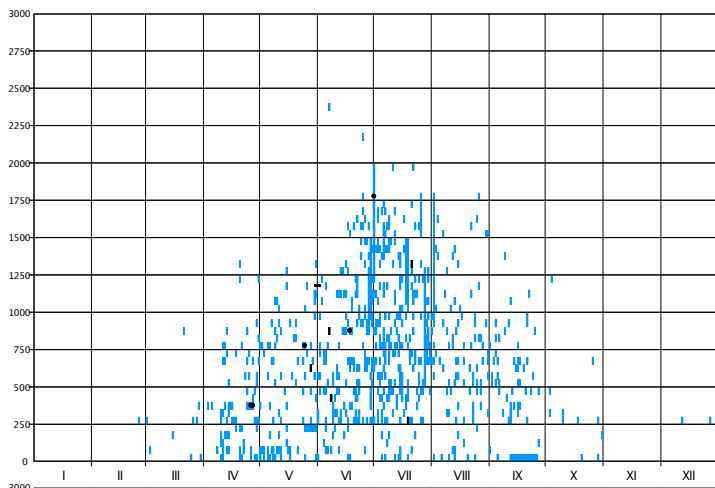


[http://www.pamperis.gr/PHOTOGRAPHS/Polyommatus\\_escheri,\\_Polyommatus\\_thersites.html](http://www.pamperis.gr/PHOTOGRAPHS/Polyommatus_escheri,_Polyommatus_thersites.html)

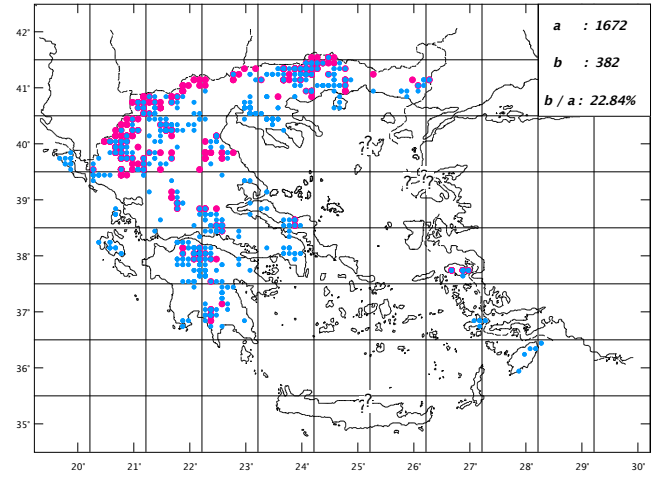


**LYCAENIDAE *Polyommatus amandus***

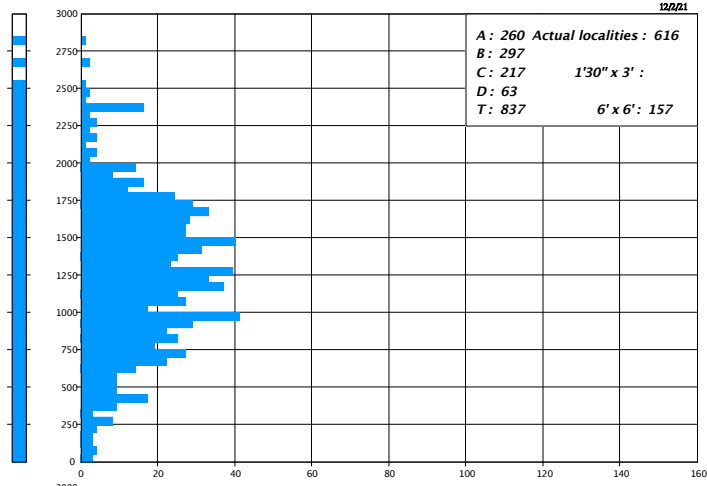
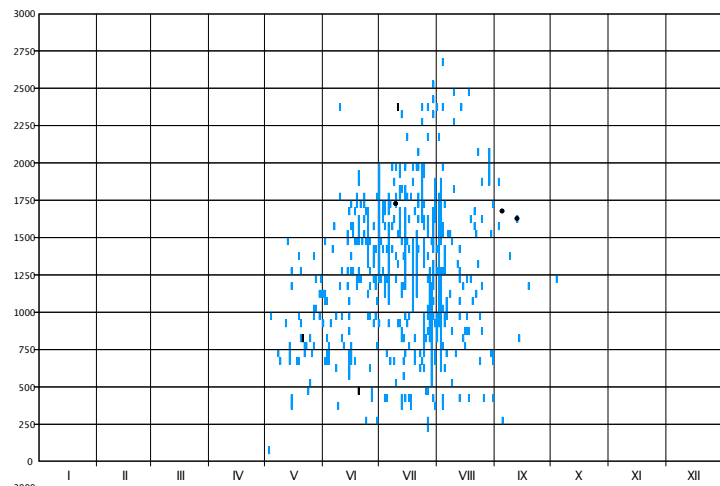




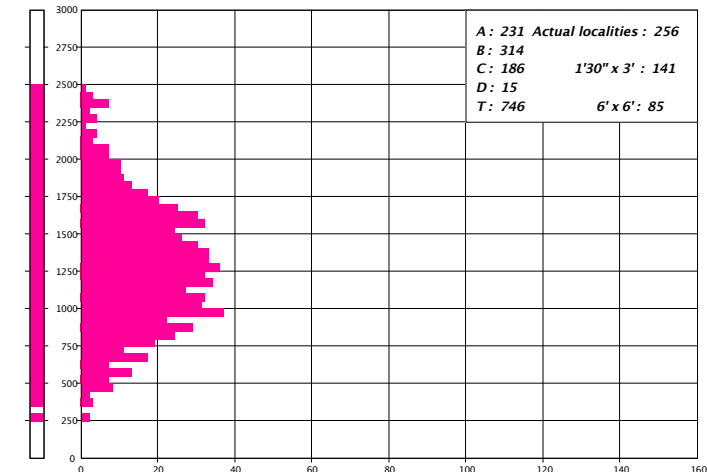
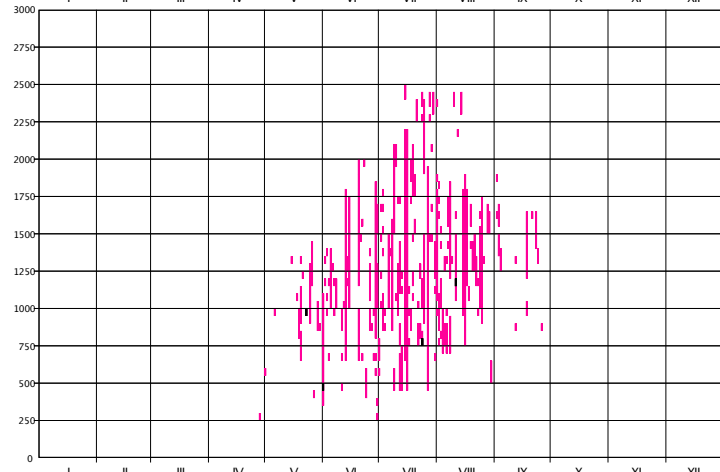
**LYCAENIDAE *Polyommatus thersites***



[http://www.pamperis.gr/PHOTOGRAPHS/Polyommatus\\_escheri,\\_Polyommatus\\_thersites.html](http://www.pamperis.gr/PHOTOGRAPHS/Polyommatus_escheri,_Polyommatus_thersites.html)



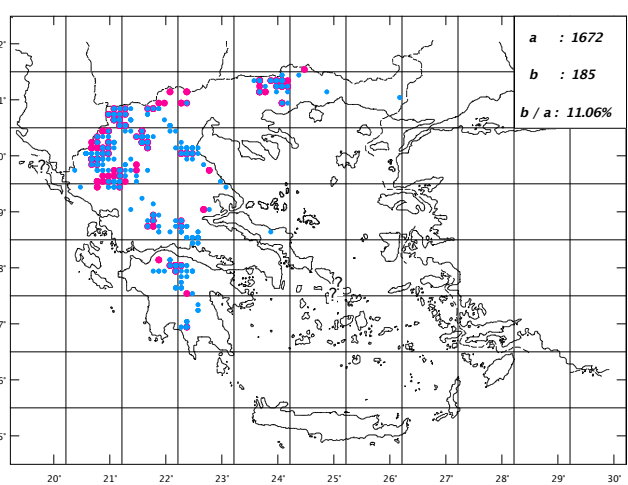
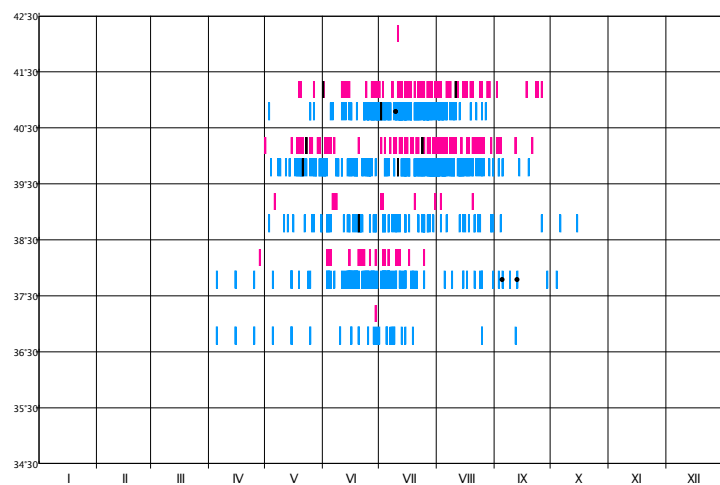
A : 260 Actual localities : 616  
 B : 297  
 C : 217 1'30" x 3' :  
 D : 63  
 T : 837 6' x 6' : 157



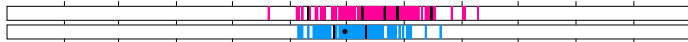
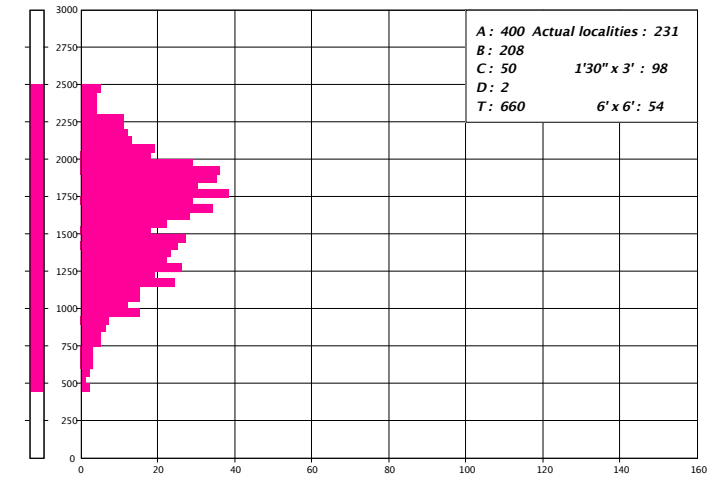
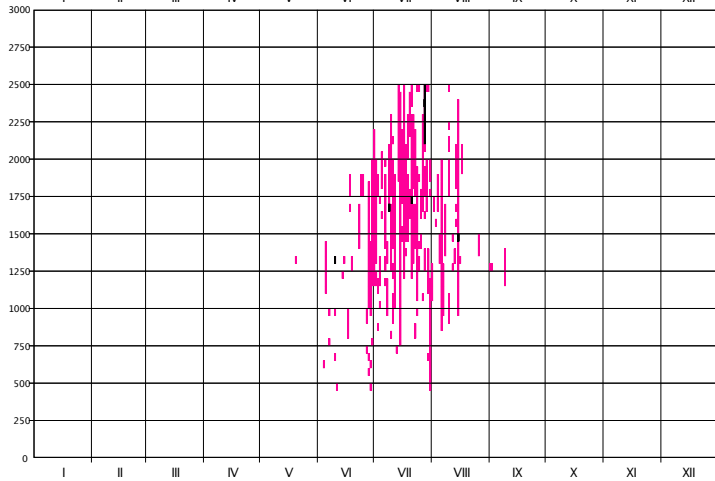
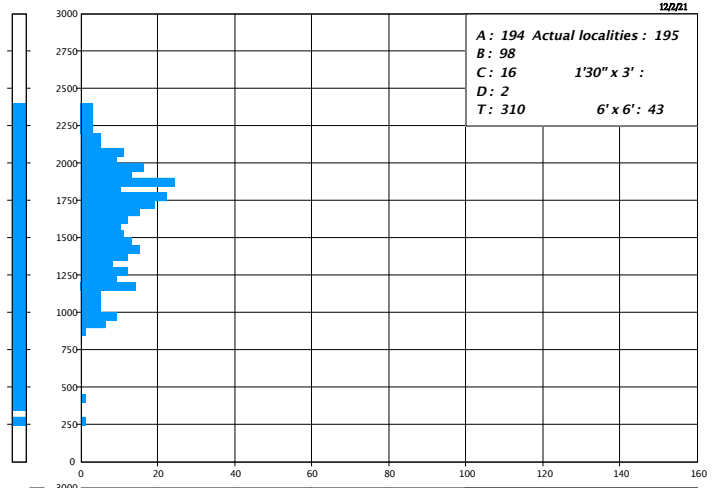
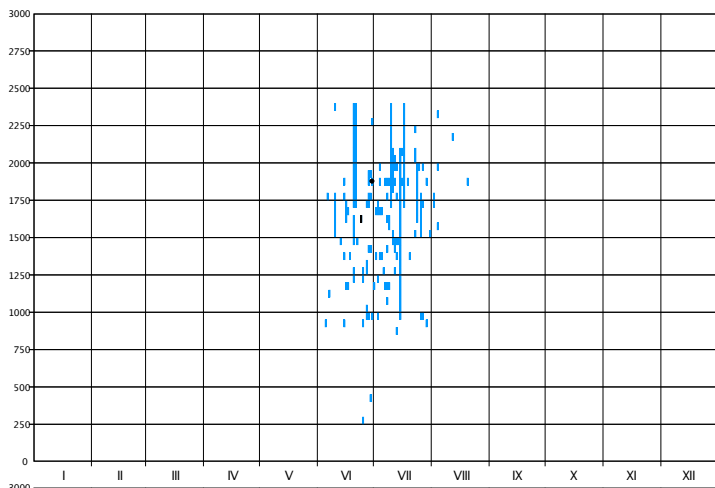
A : 231 Actual localities : 256  
 B : 314  
 C : 186 1'30" x 3' : 141  
 D : 15  
 T : 746 6' x 6' : 85



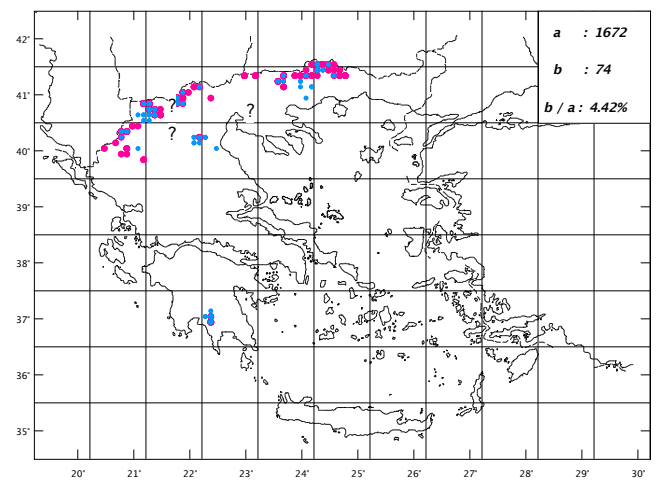
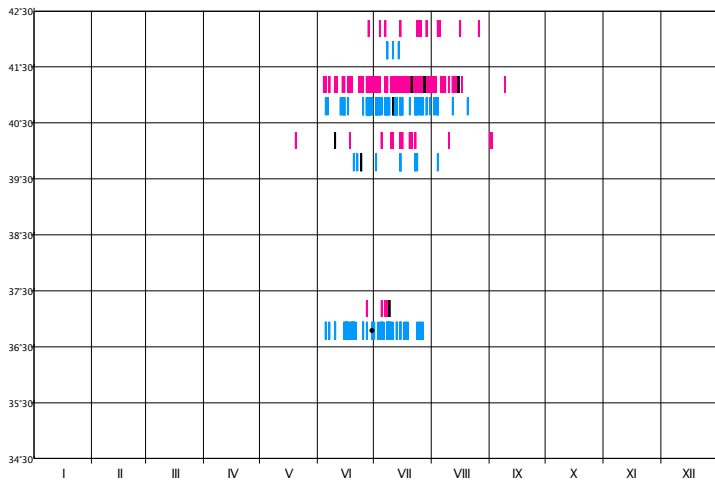
**LYCAENIDAE *Polyommatus dorylas***



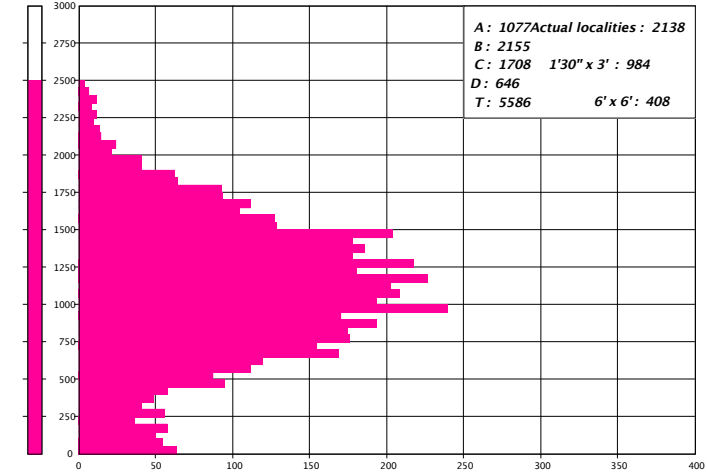
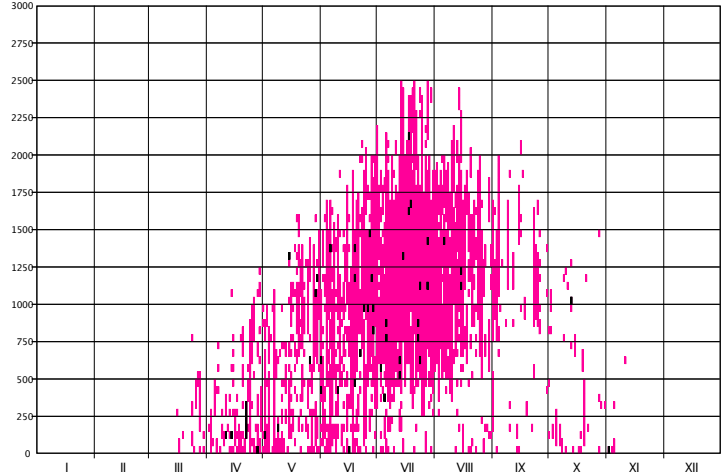
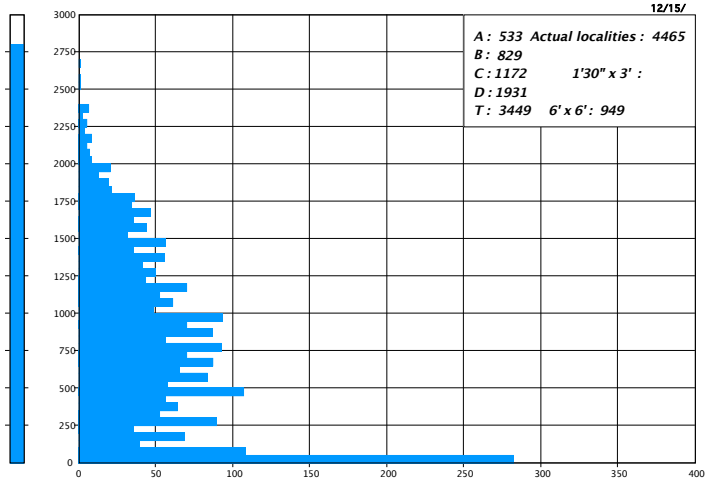
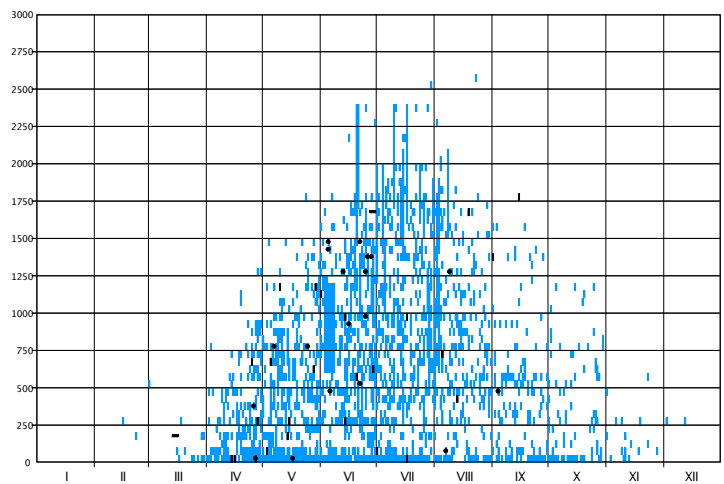
a : 1672  
 b : 185  
 b / a : 11.06%



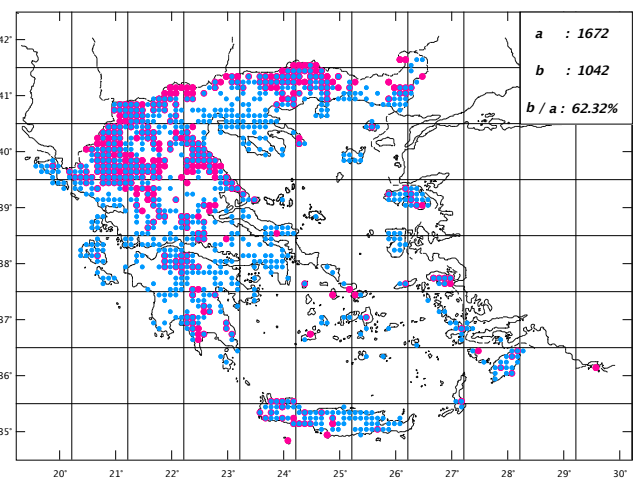
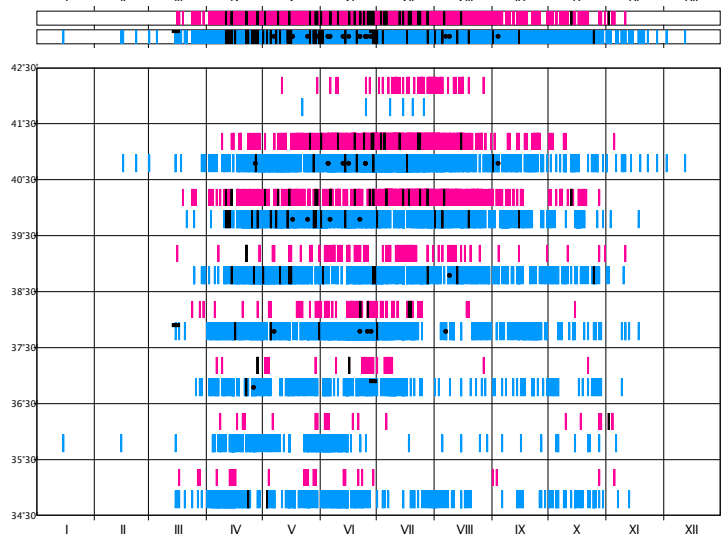
**LYCAENIDAE *Polyommatus eros***



[http://www.pamperis.gr/PHOTOGRAPHS/Polyommatus\\_icarus,\\_Polyommatus\\_eros.html](http://www.pamperis.gr/PHOTOGRAPHS/Polyommatus_icarus,_Polyommatus_eros.html)



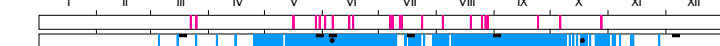
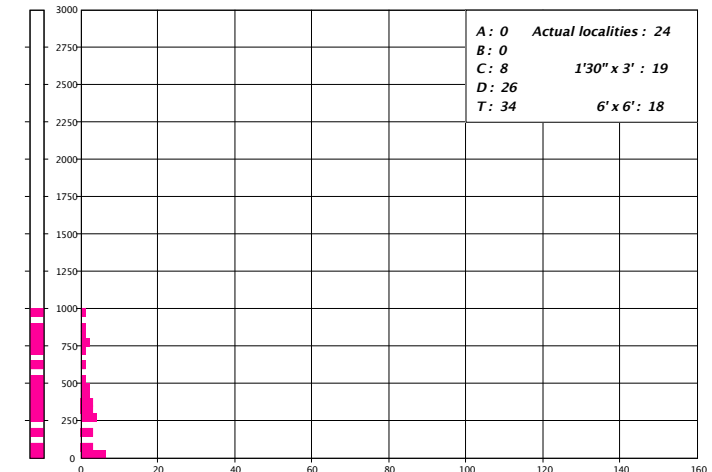
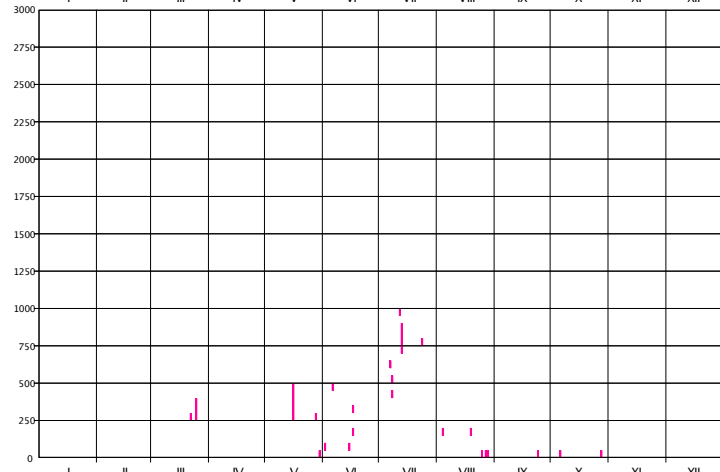
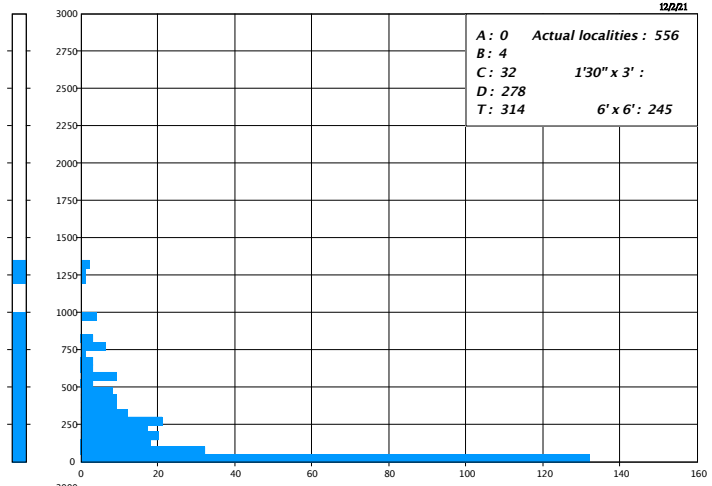
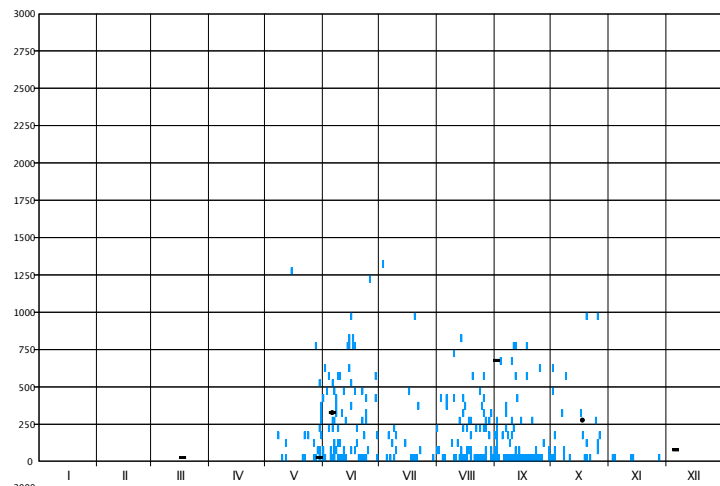
LYCAENIDAE *Polyommatus icarus*



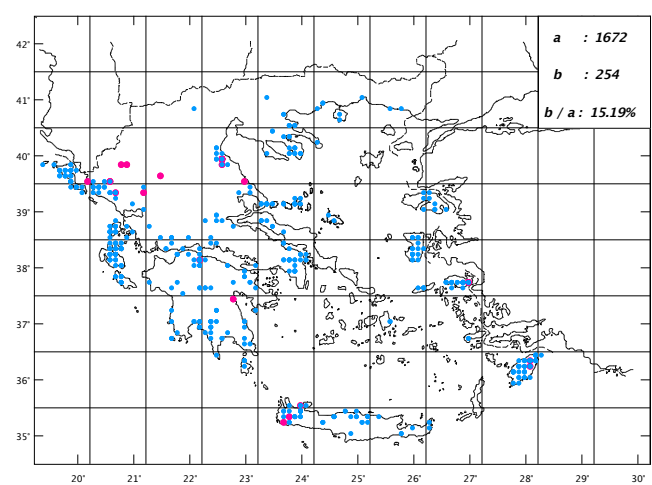
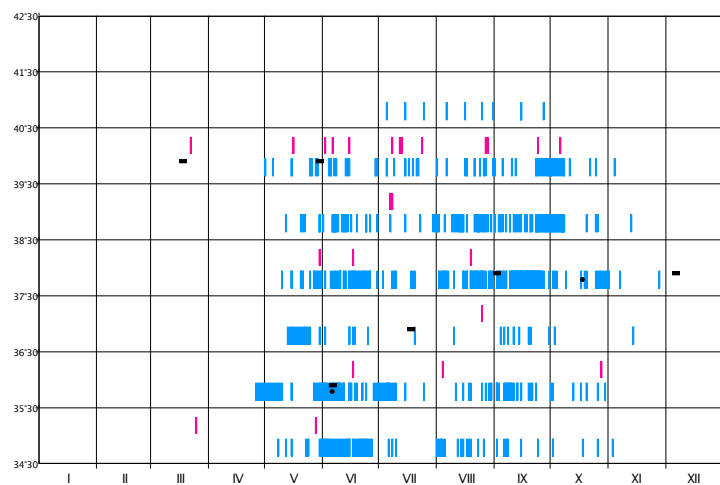
[http://www.pamperis.gr/PHOTOGRAPHS/Polyommatus\\_icarus,\\_Polyommatus\\_eros.html](http://www.pamperis.gr/PHOTOGRAPHS/Polyommatus_icarus,_Polyommatus_eros.html)

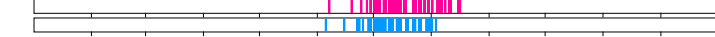
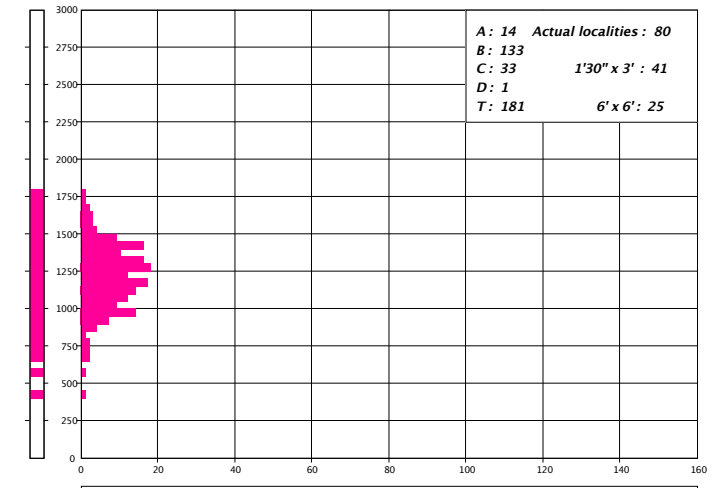
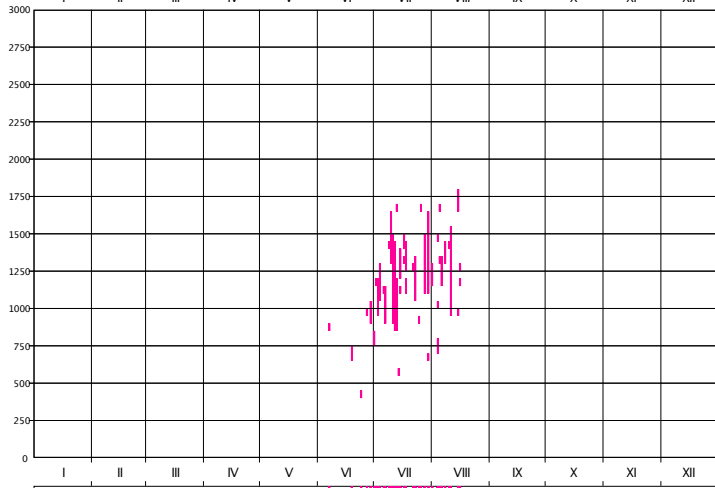
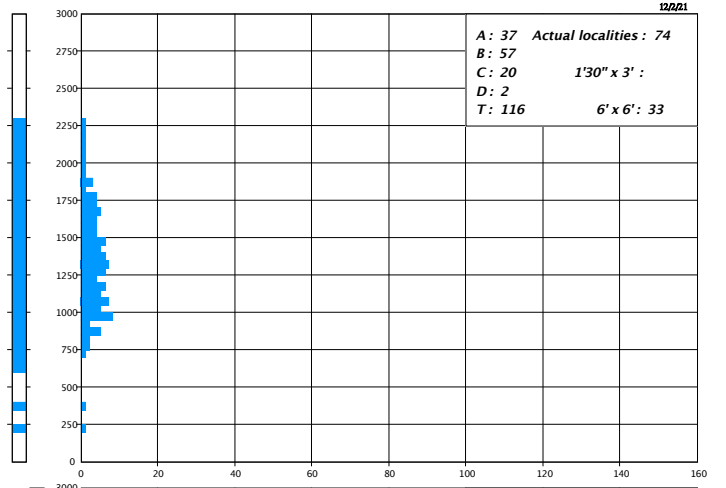
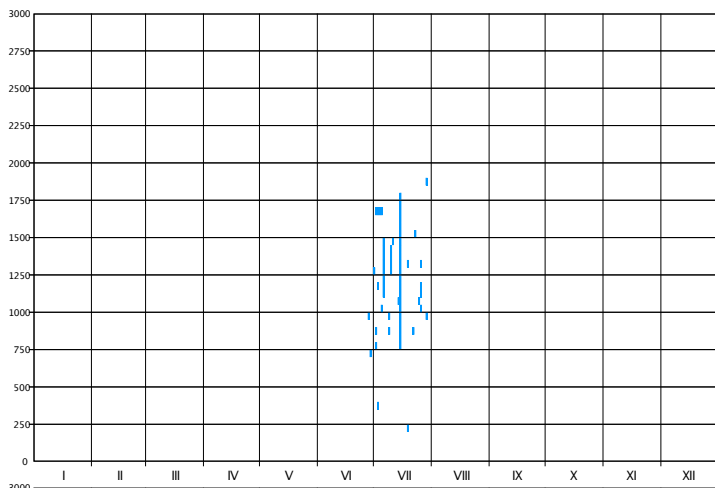
All records of *Polyommatus andronicus* (in previous Maps) are included here in the Map for *Polyommatus icarus*.  
 Όλες οι καταγραφές για το *Polyommatus andronicus* των προηγούμενων Χαρτών έχουν συμπεριληφθεί εδώ στον Χάρτη για το *Polyommatus icarus*



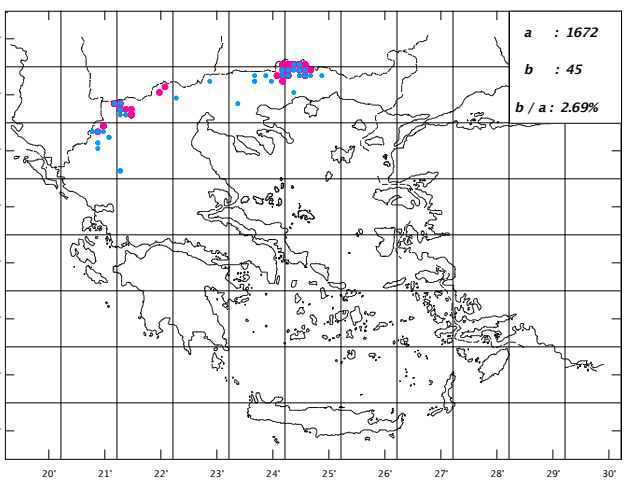
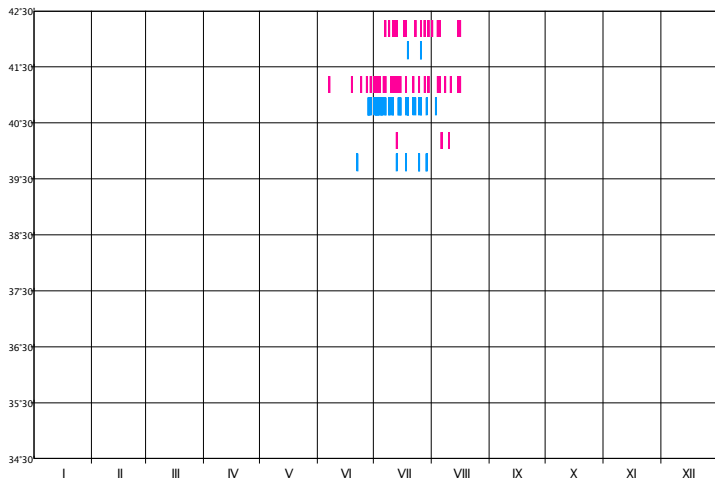


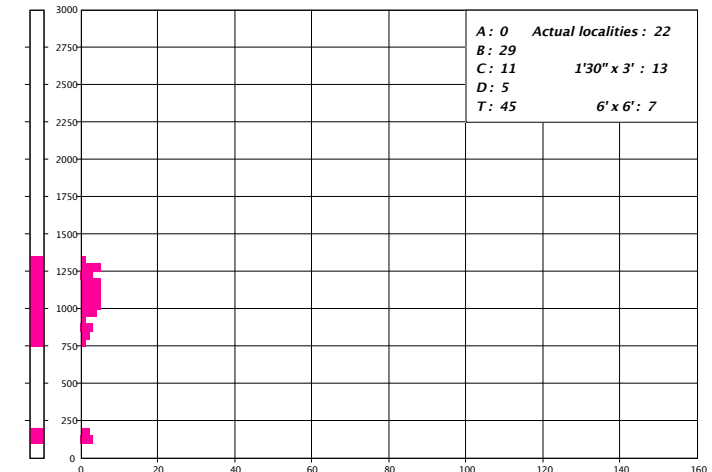
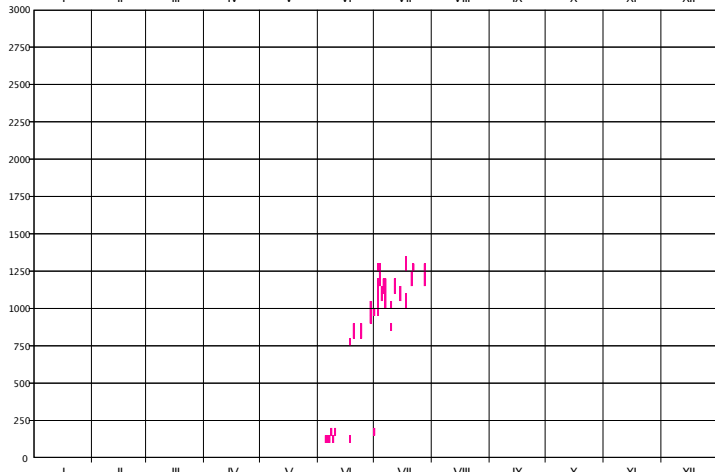
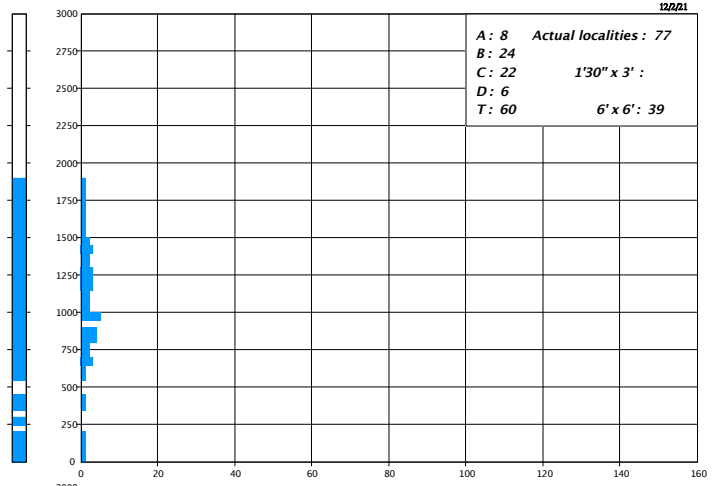
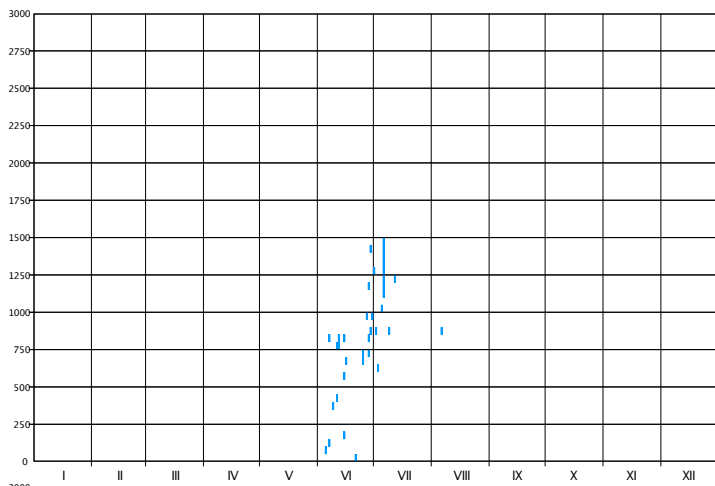
**NYMPHALIDAE *Charaxes jasius***



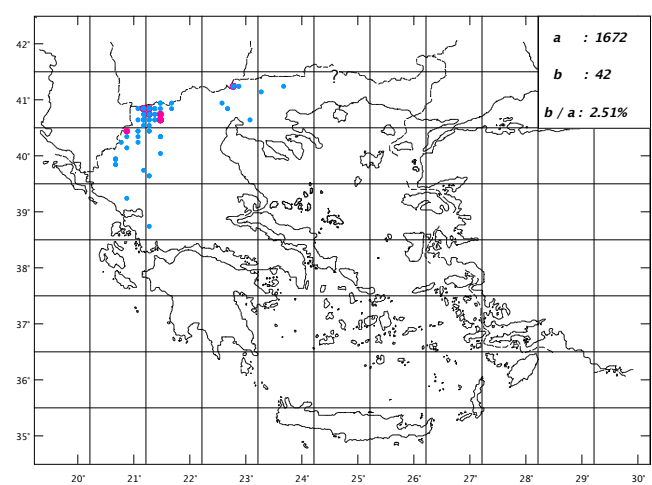
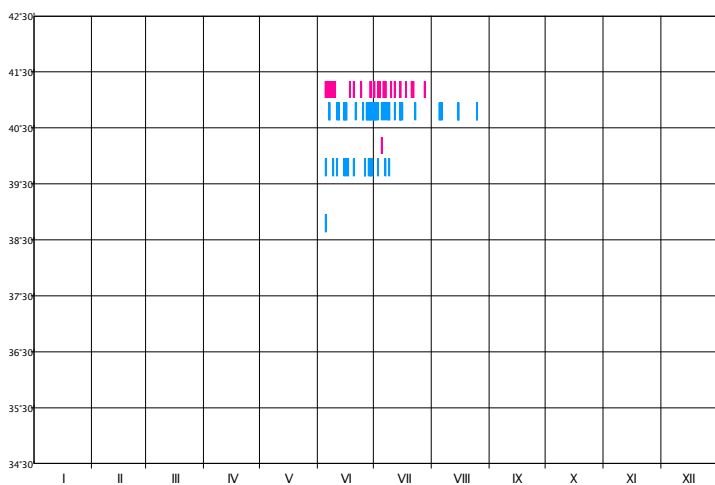


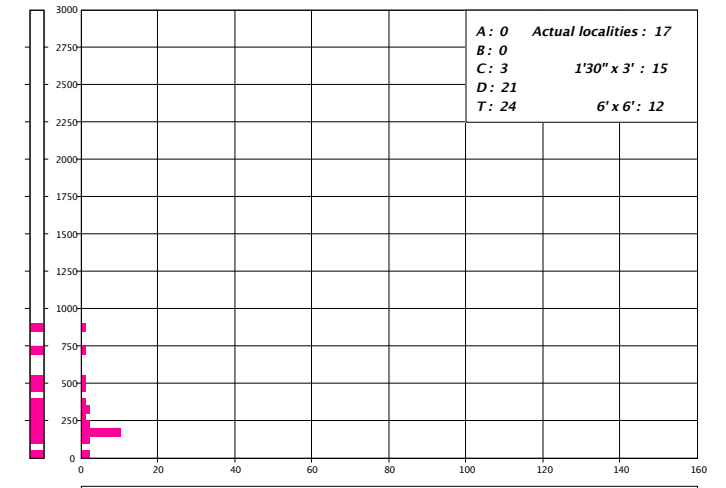
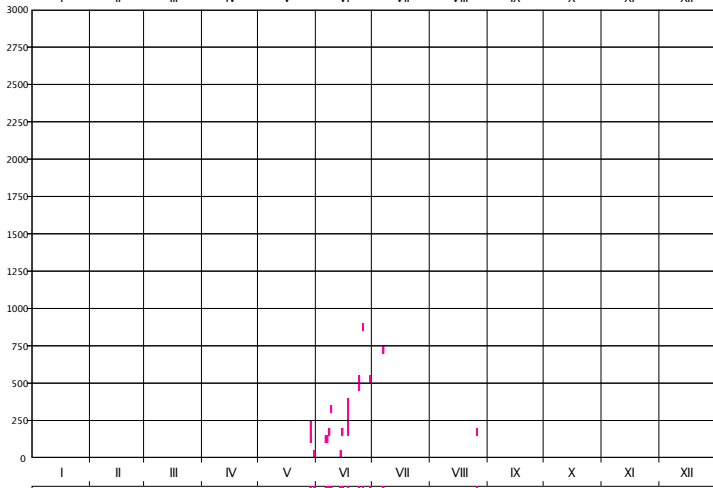
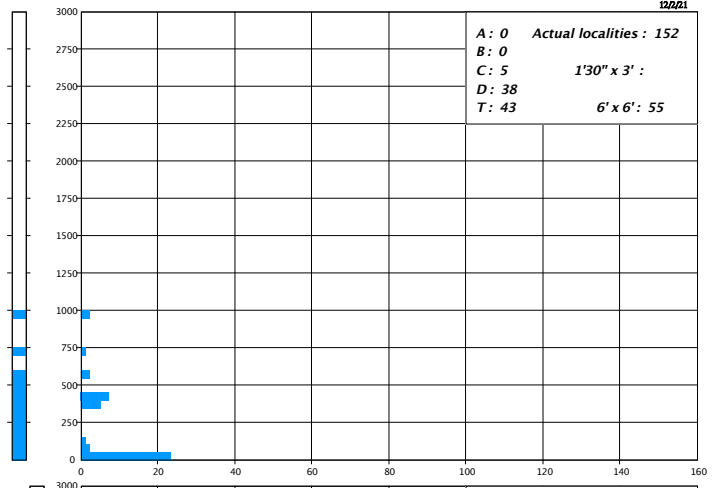
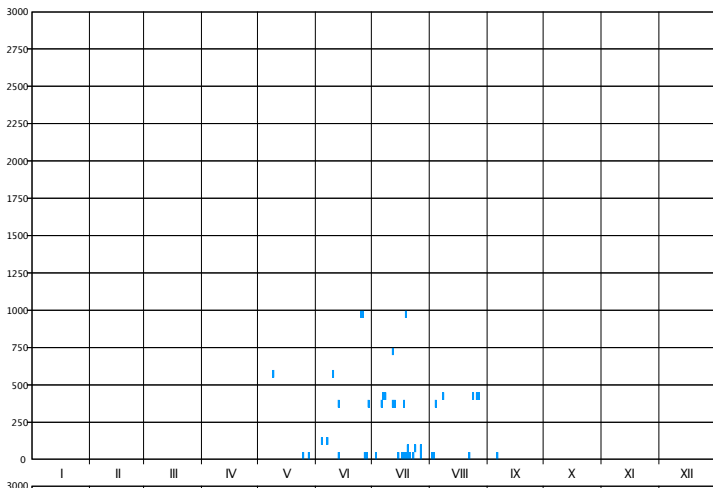
**NYMPHALIDAE *Apatura iris***



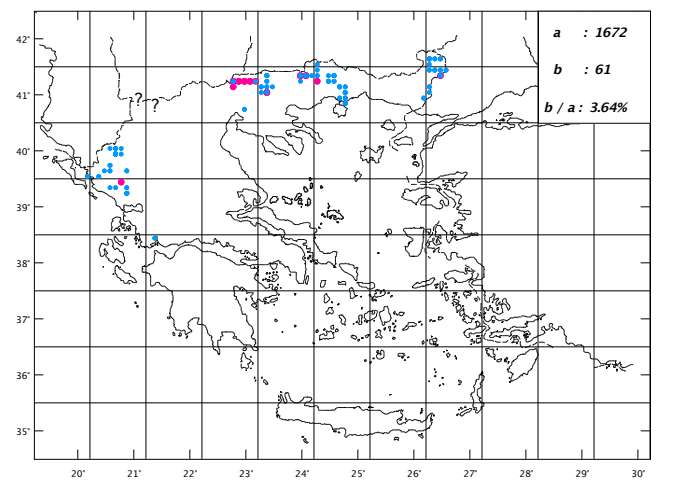
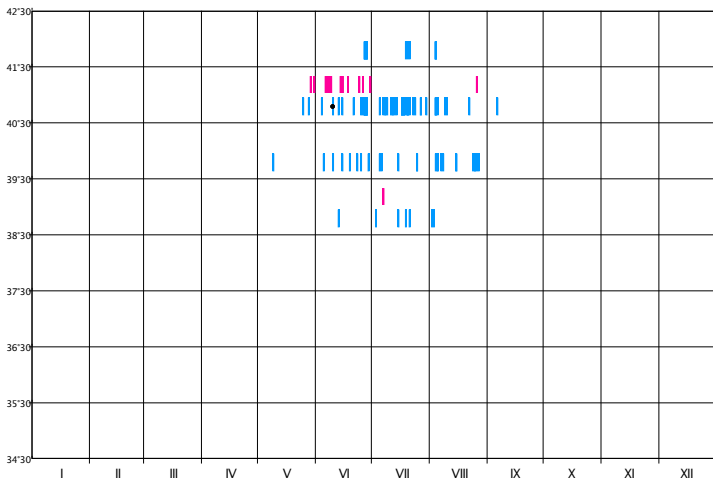


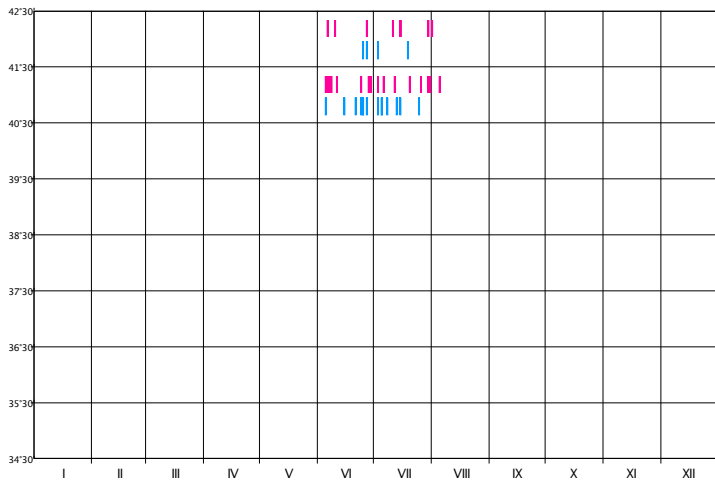
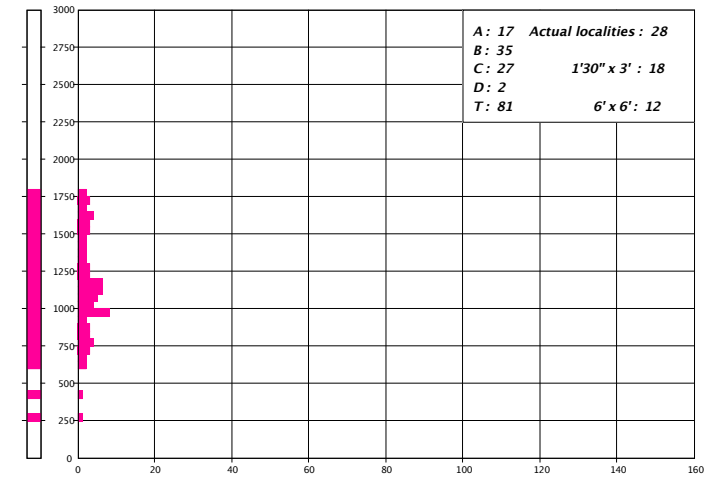
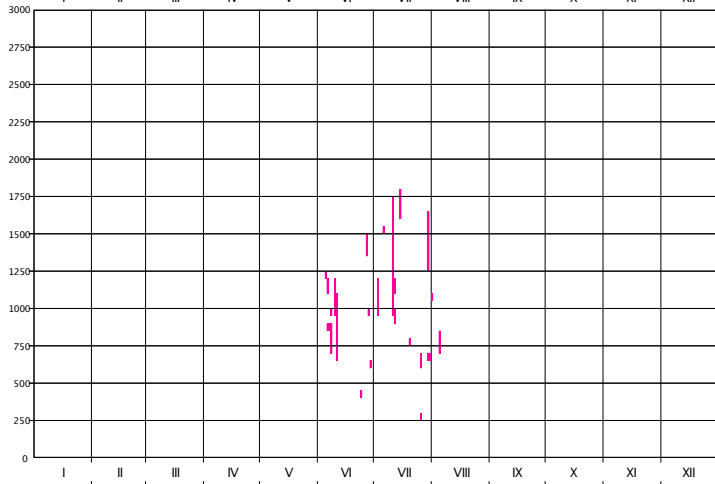
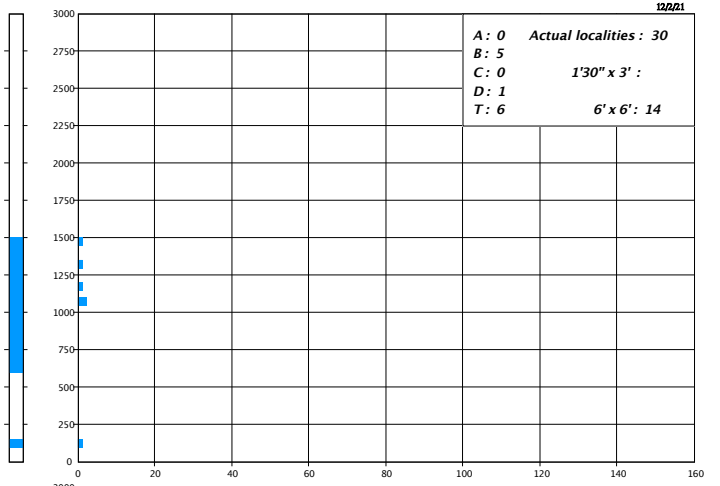
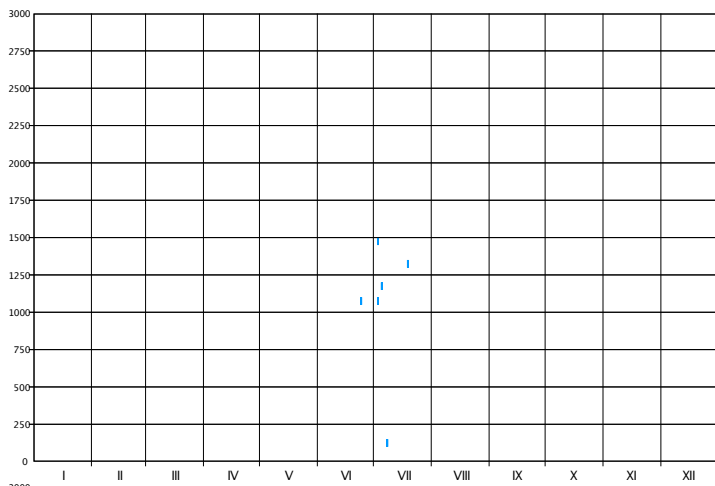
**NYMPHALIDAE *Apatura ilia***



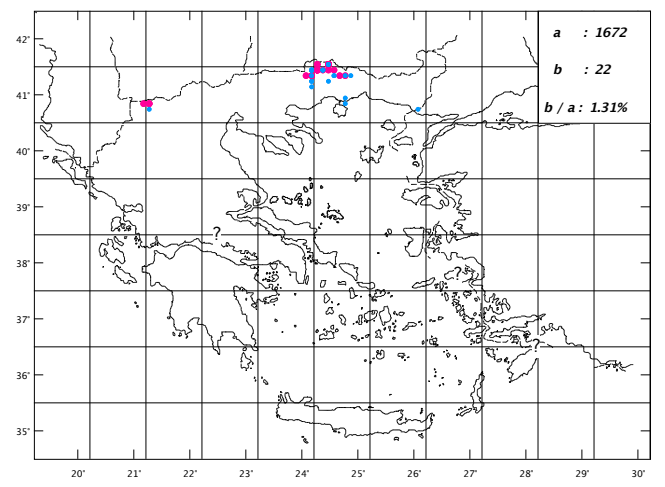


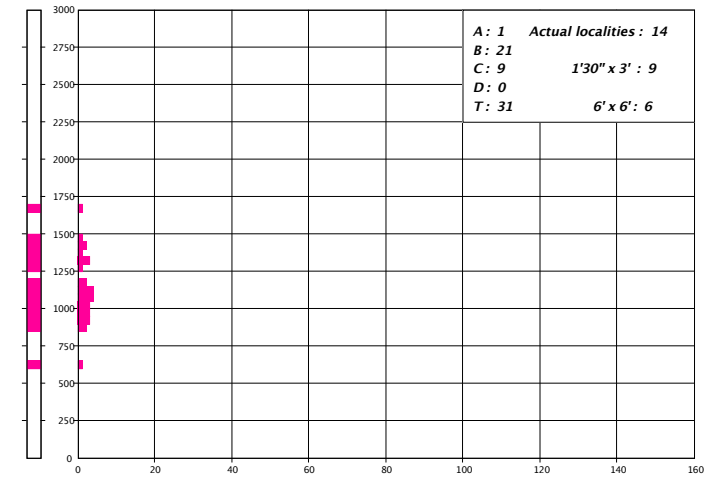
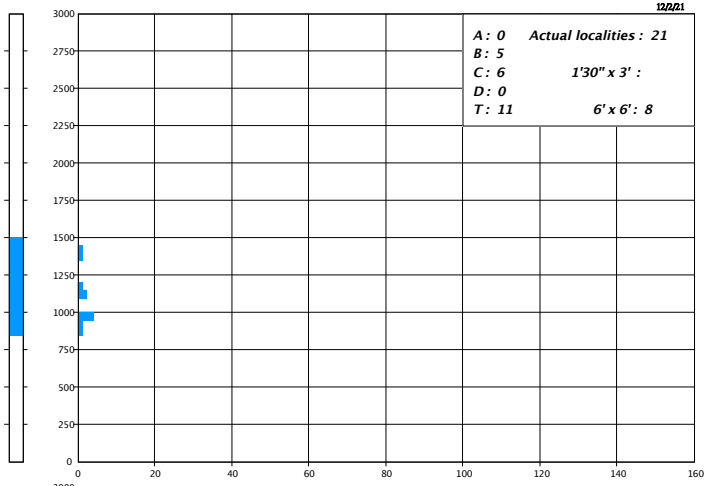
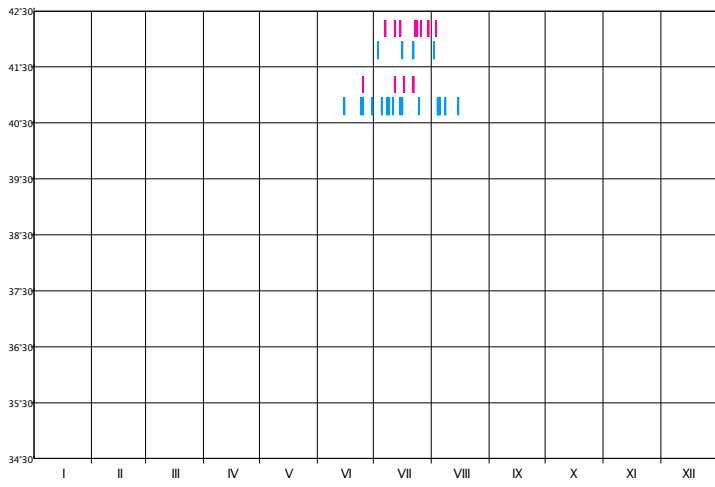
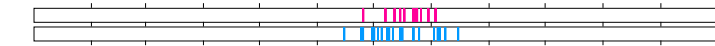
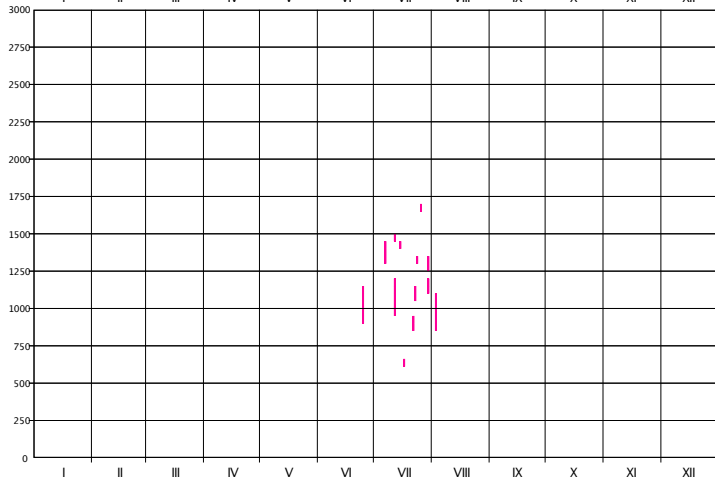
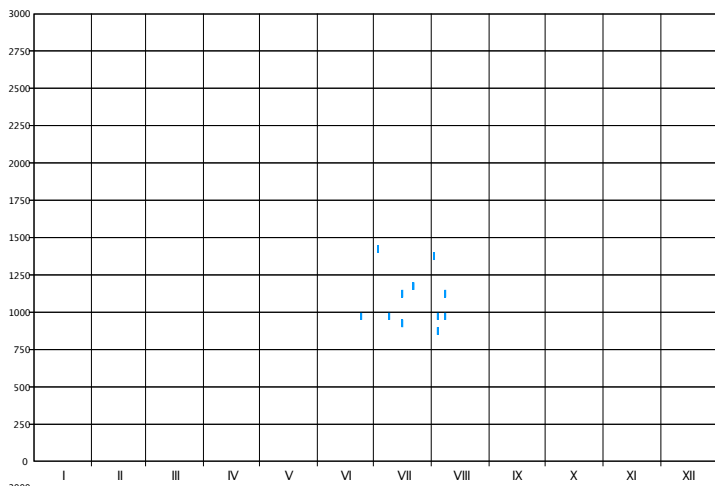
**NYMPHALIDAE *Apatura metis***



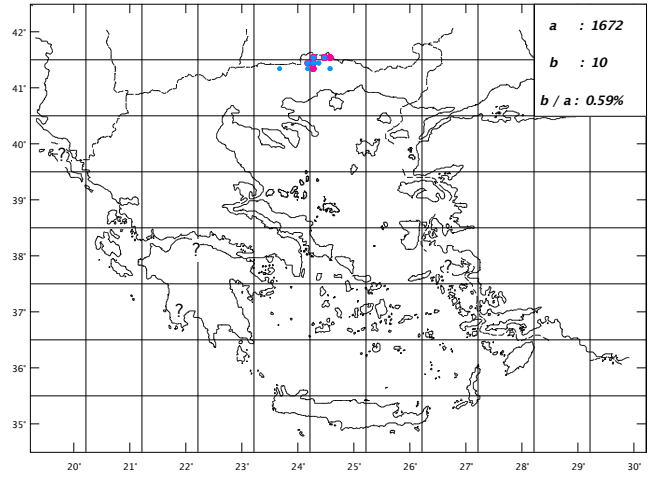


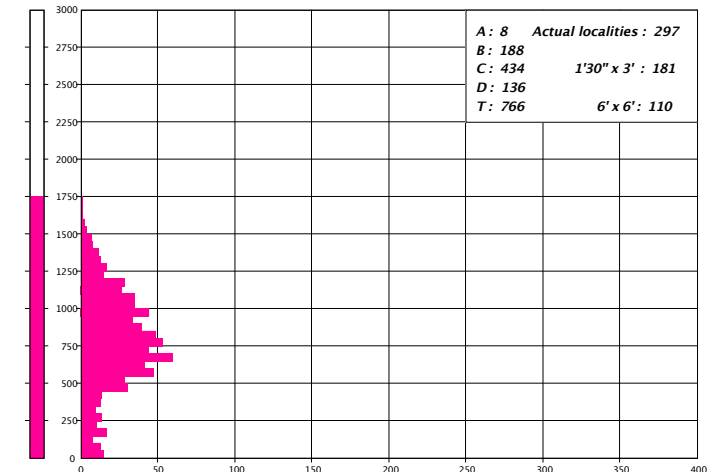
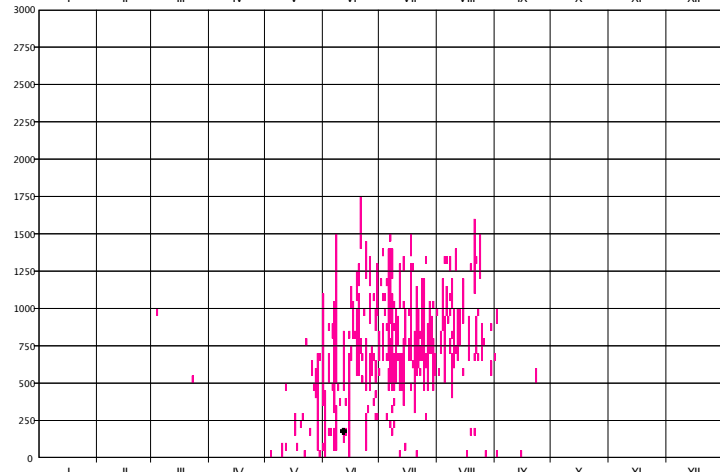
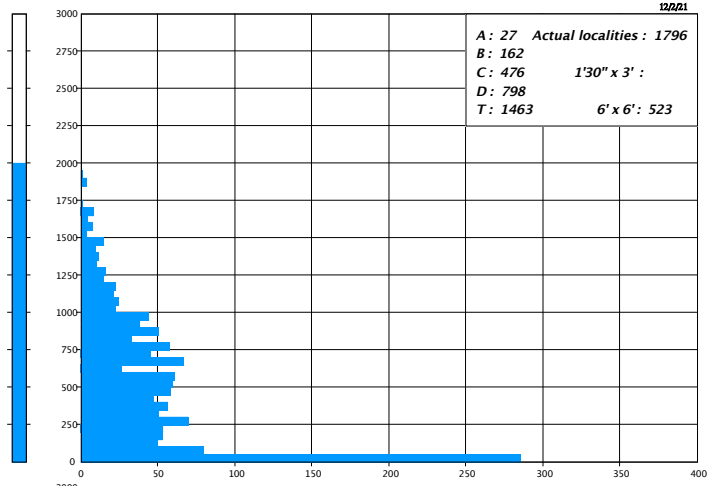
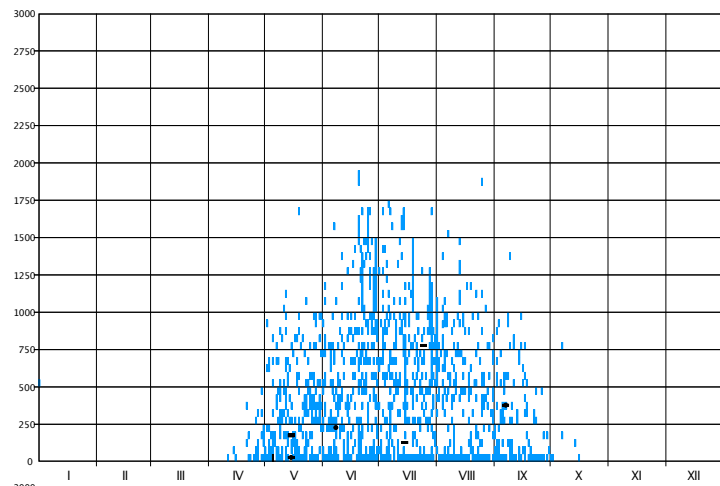
**NYMPHALIDAE *Limenitis populi***



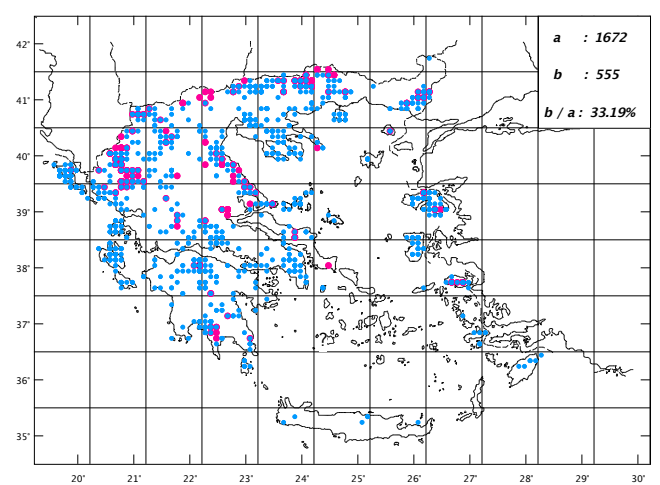
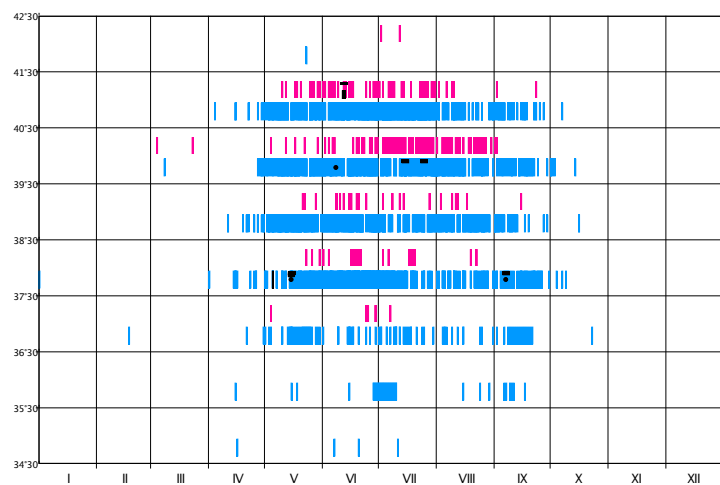


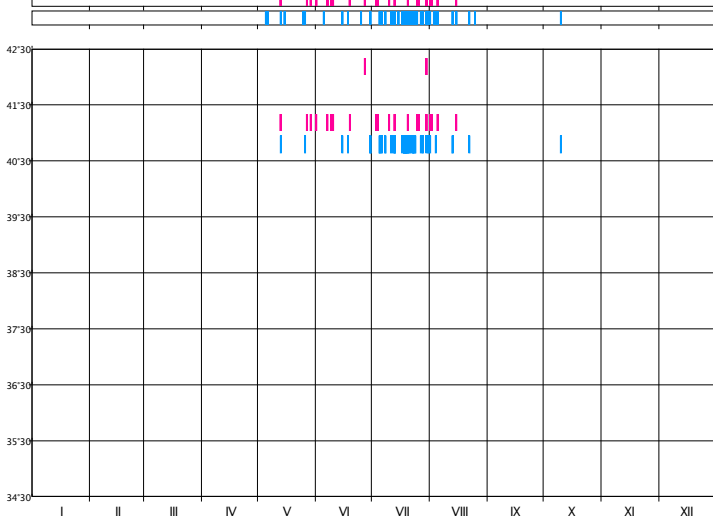
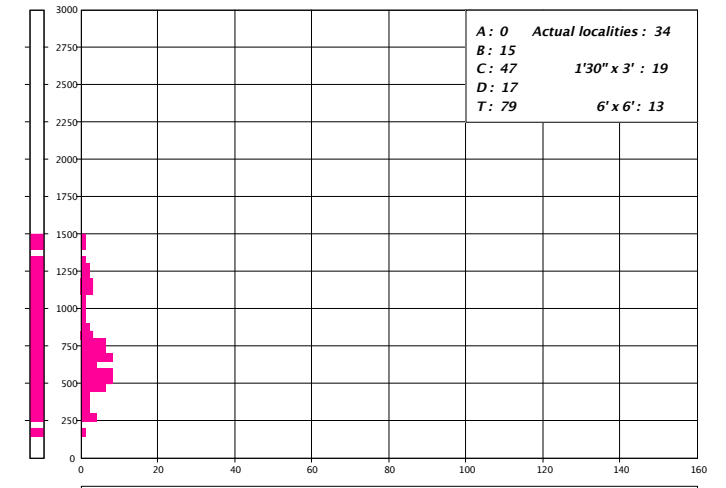
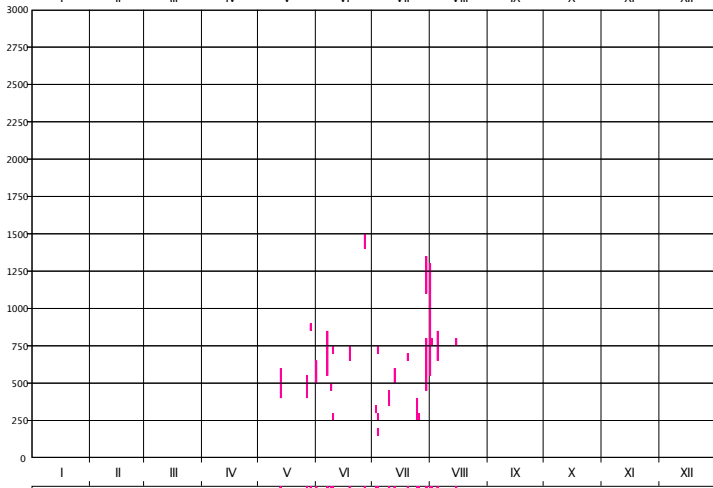
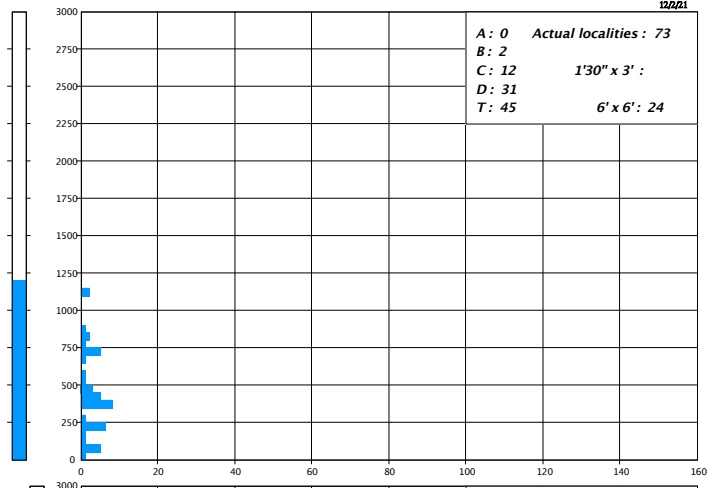
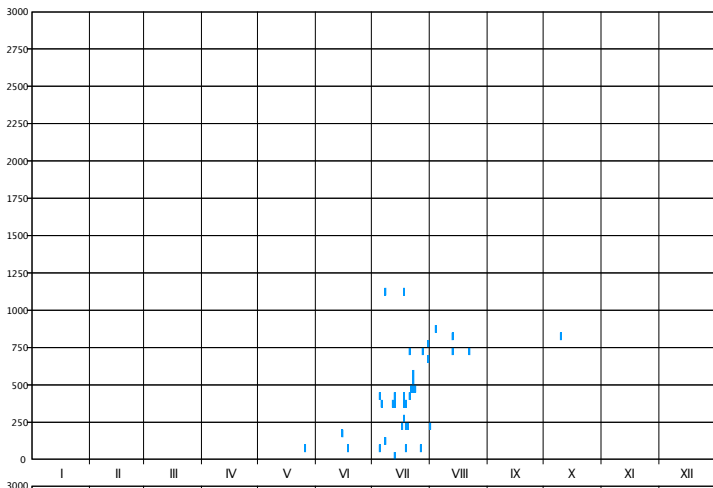
**NYMPHALIDAE *Limenitis camilla***



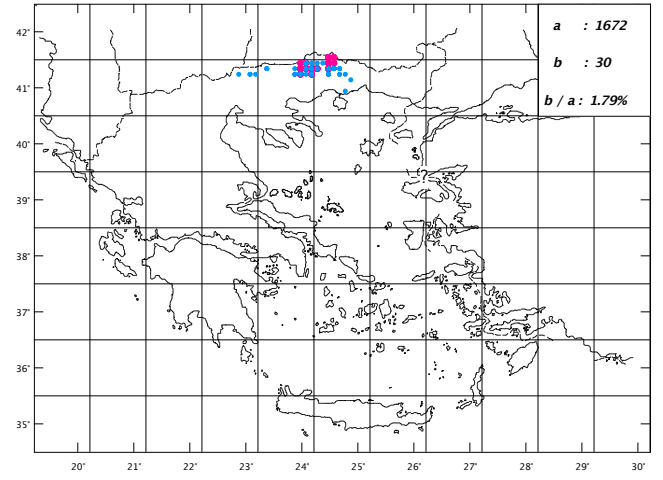


**NYMPHALIDAE *Limenitis reducta***

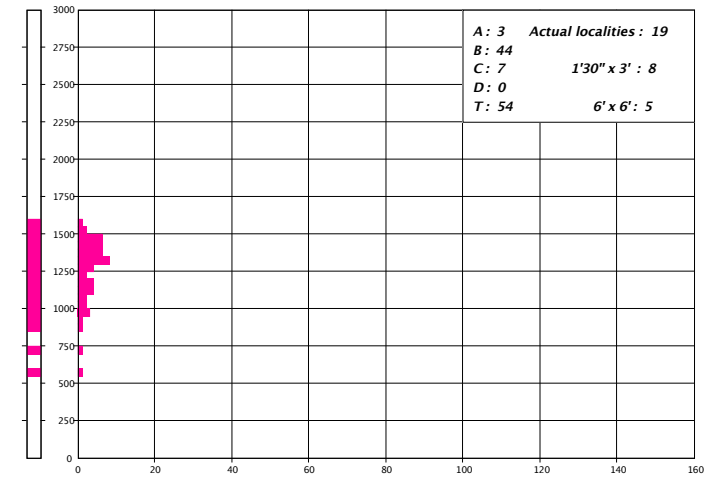
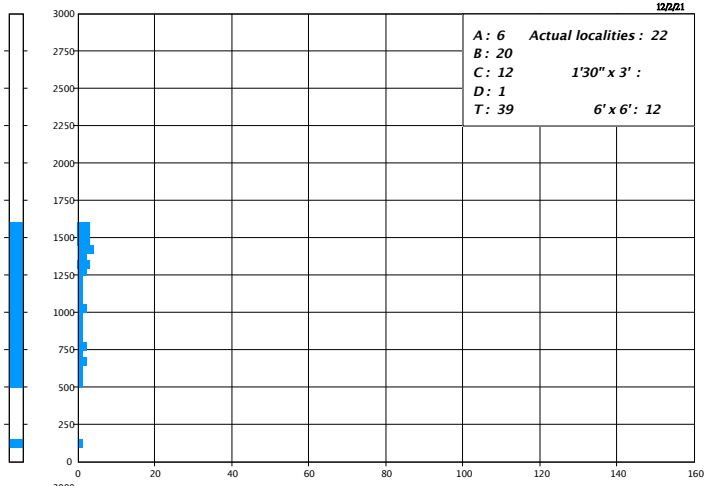
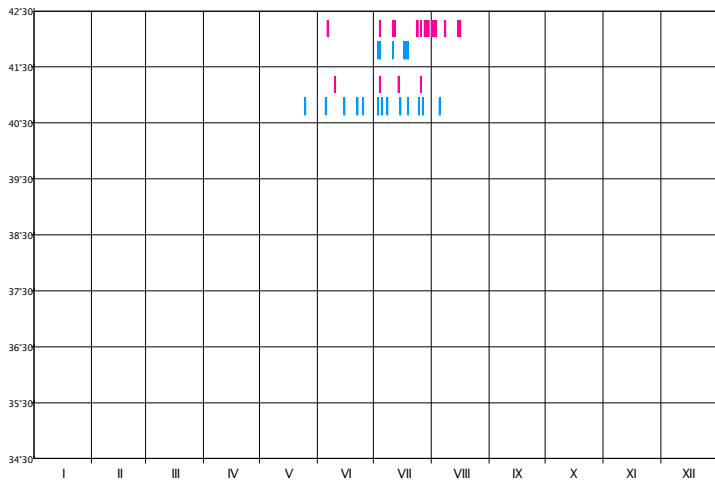
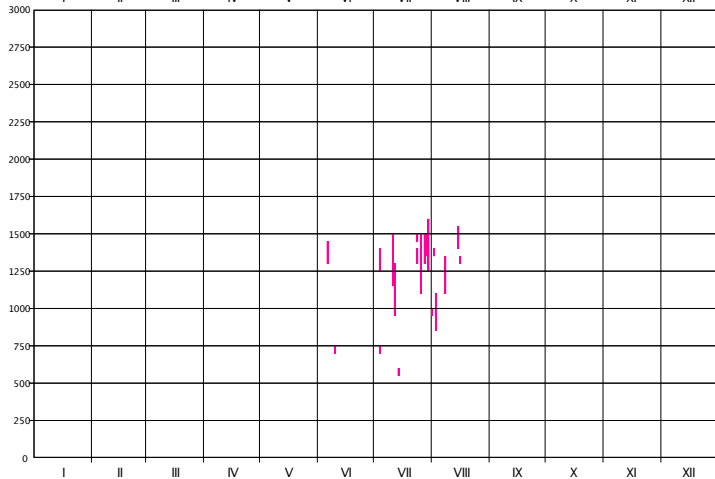
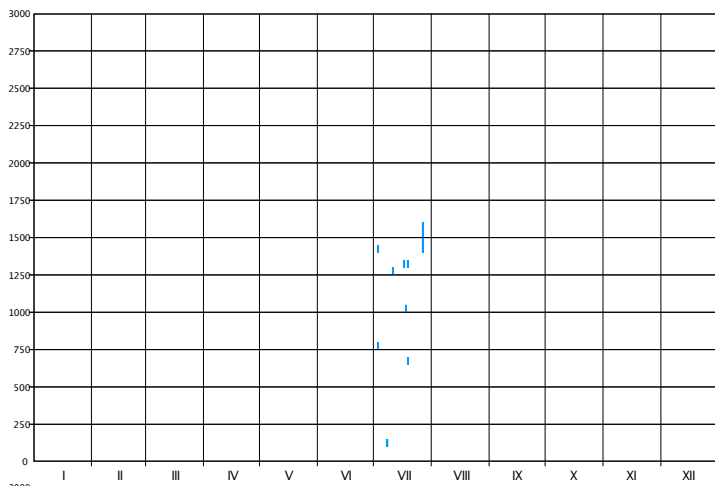




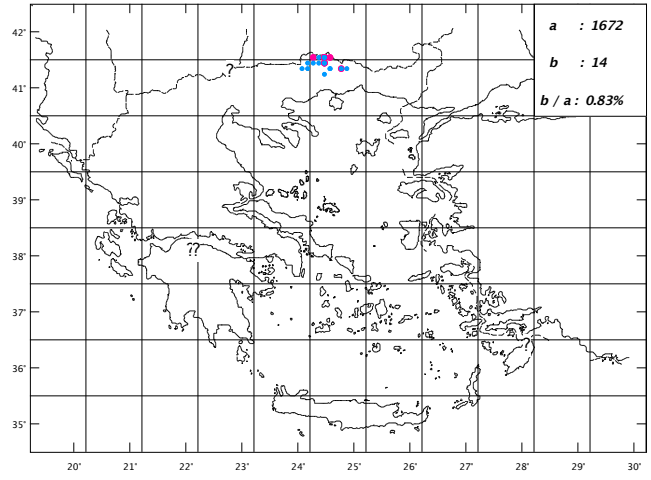
**NYMPHALIDAE *Neptis sappho***

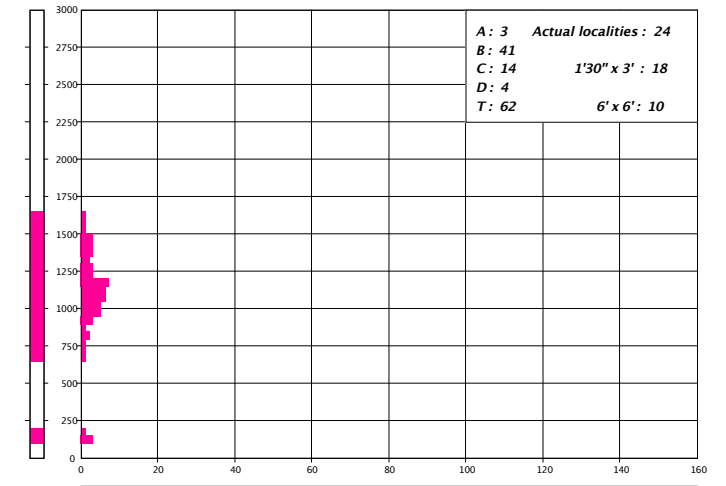
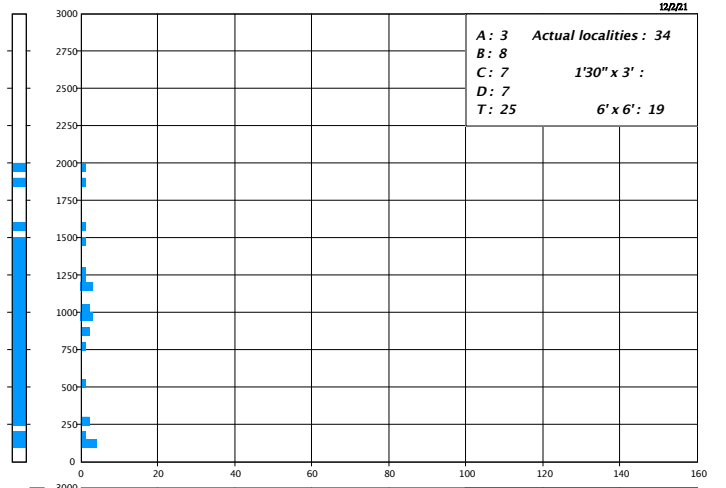
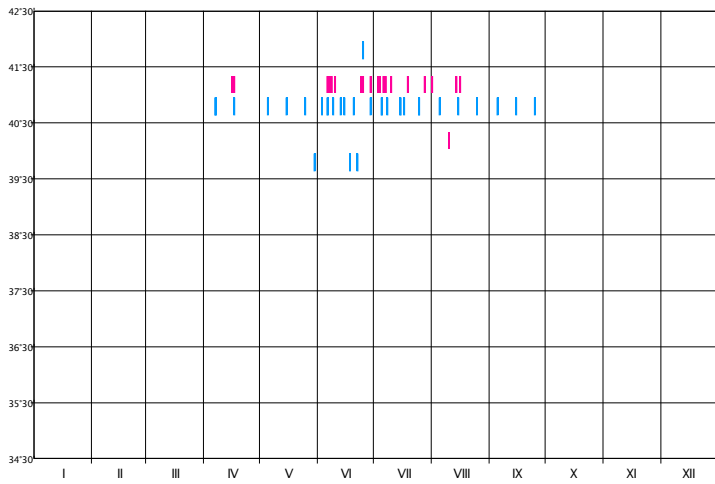
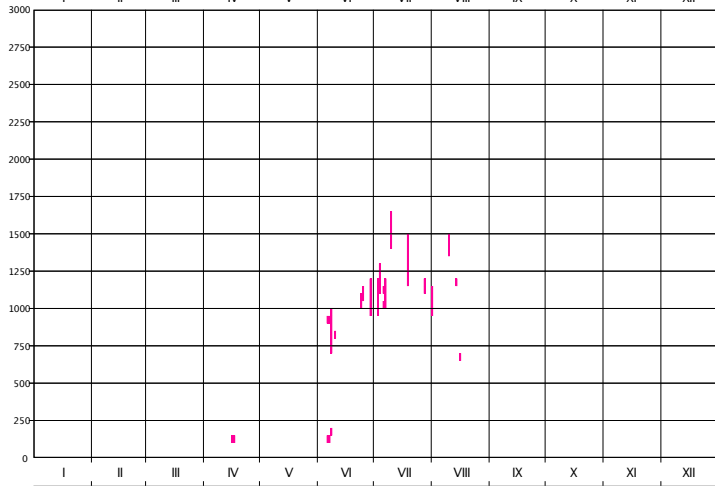
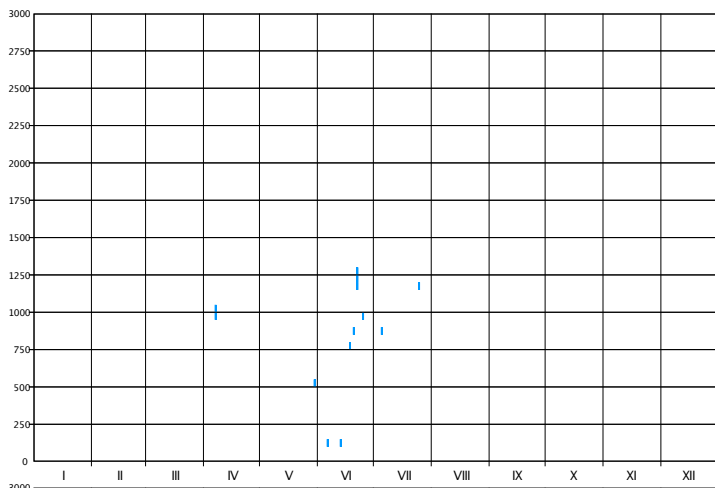




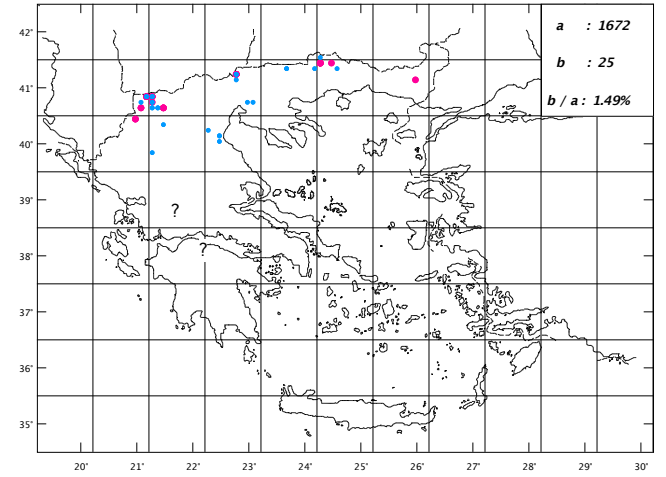


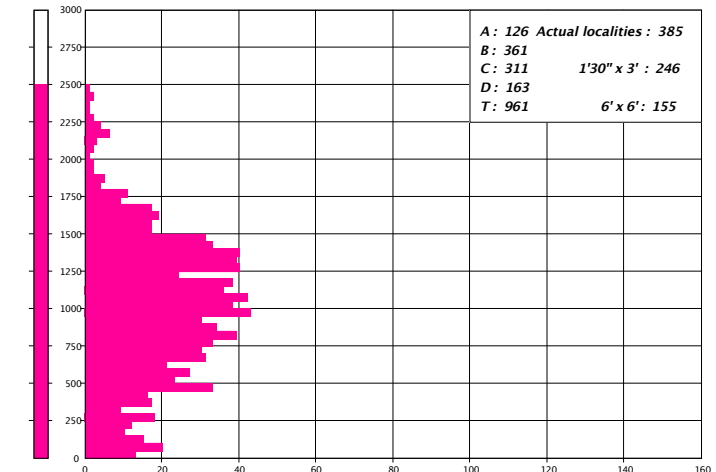
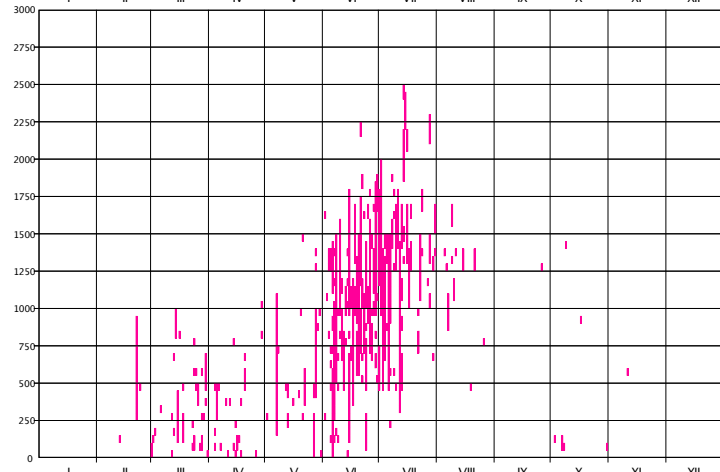
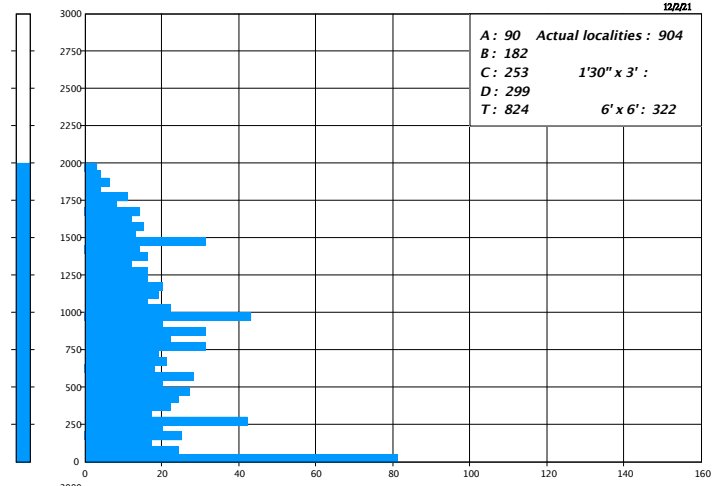
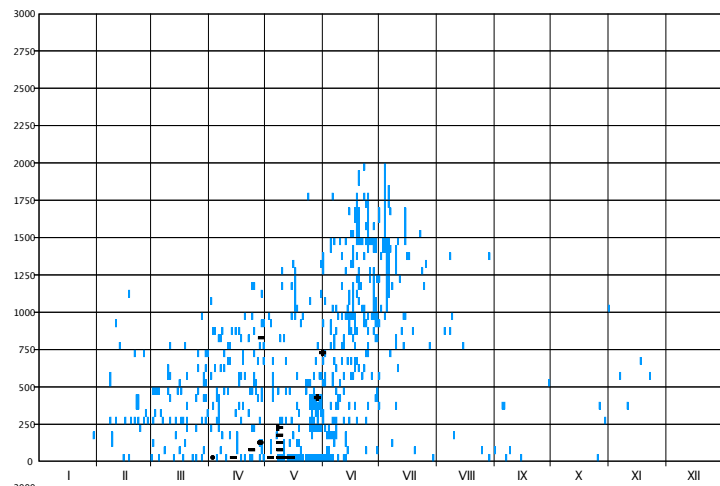
**NYMPHALIDAE *Neptis rivularis***



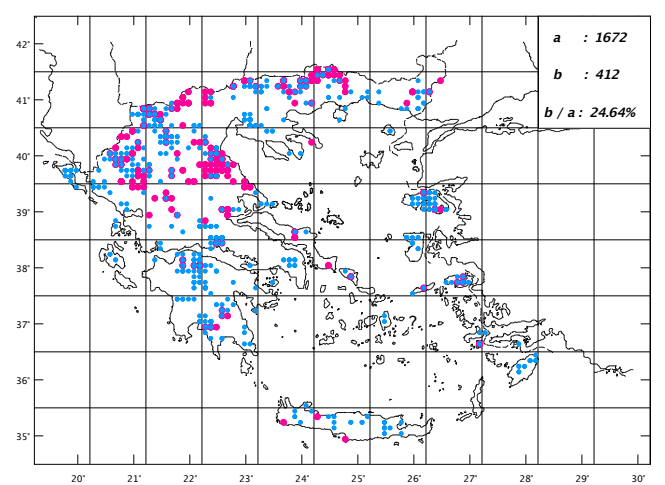
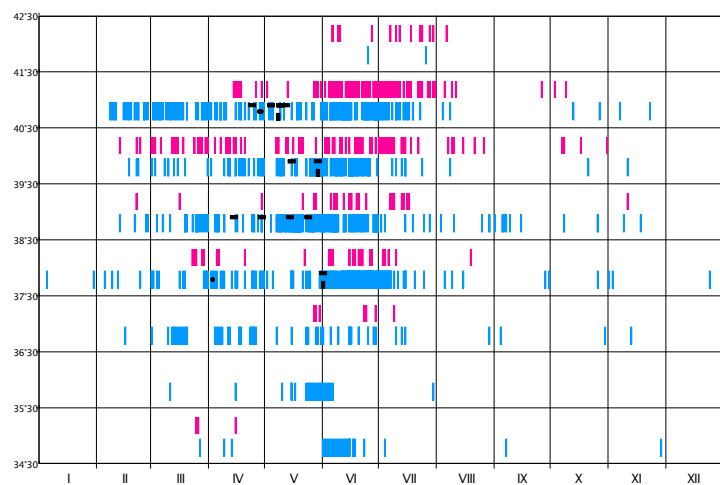


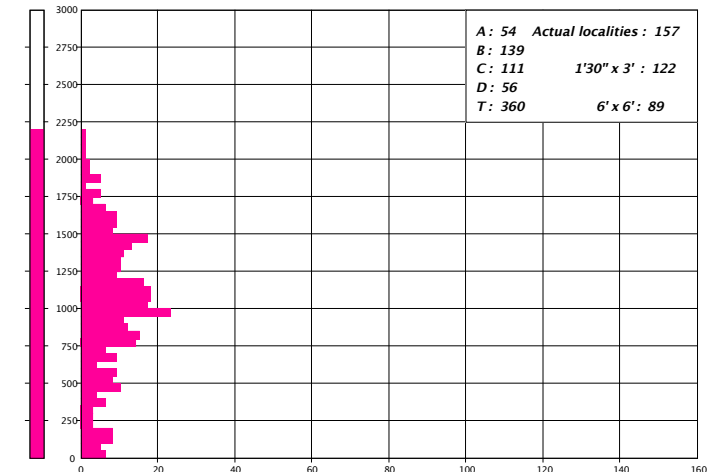
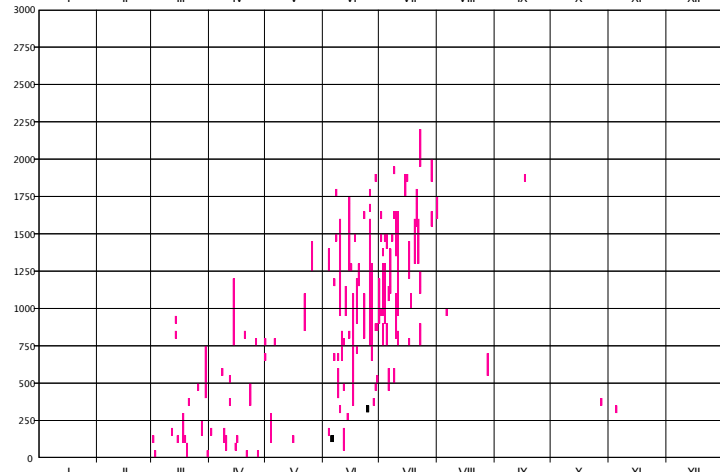
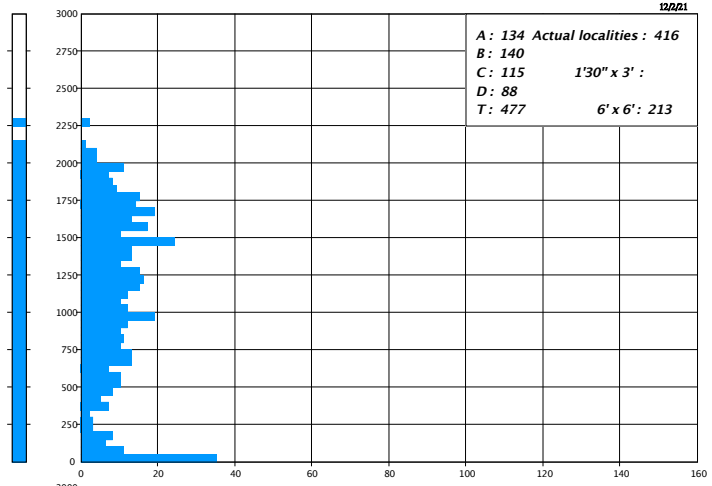
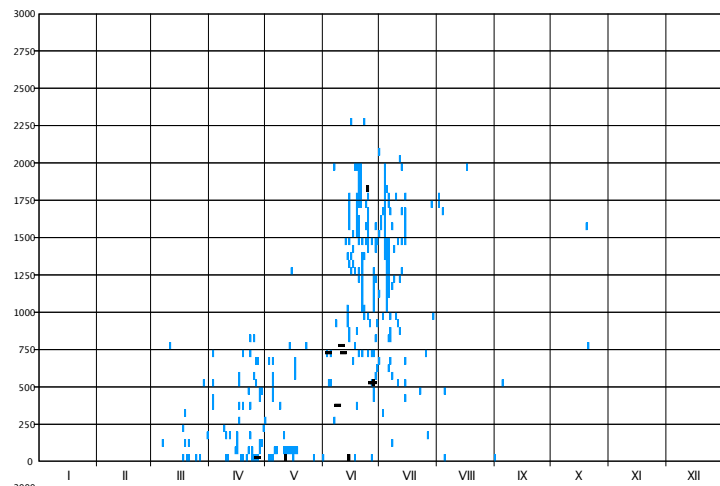
**NYMPHALIDAE *Nymphalis xanthomelas***



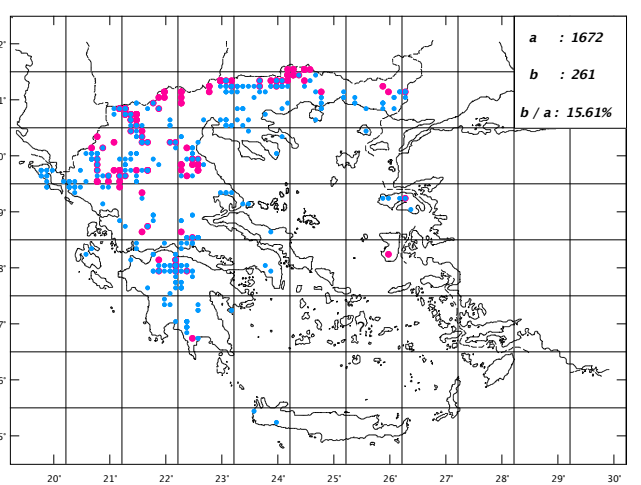
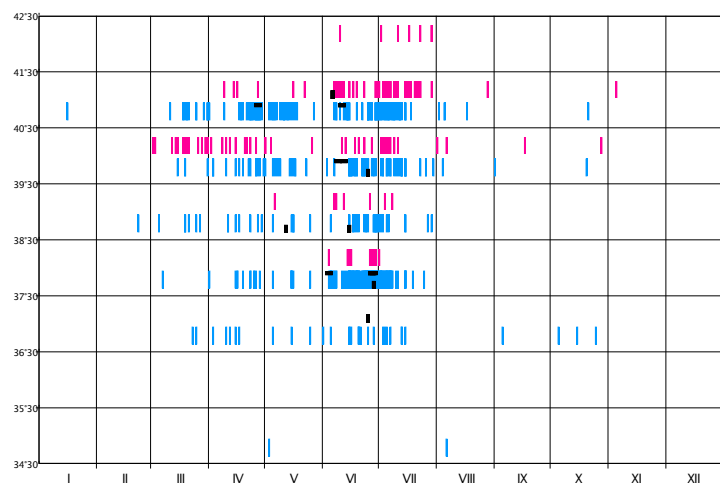


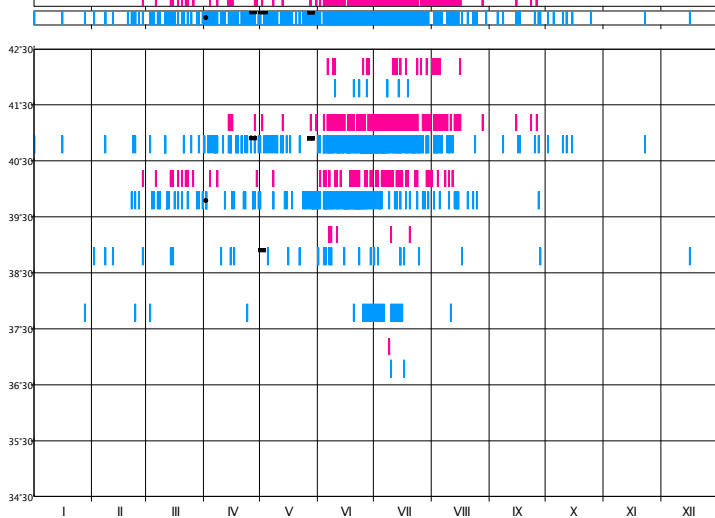
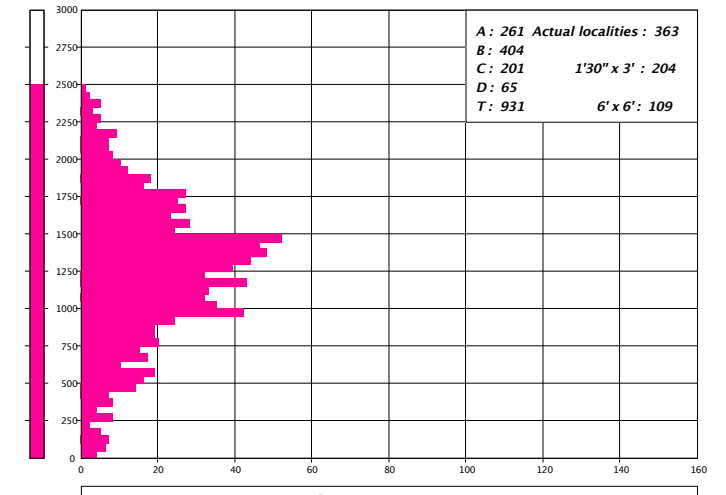
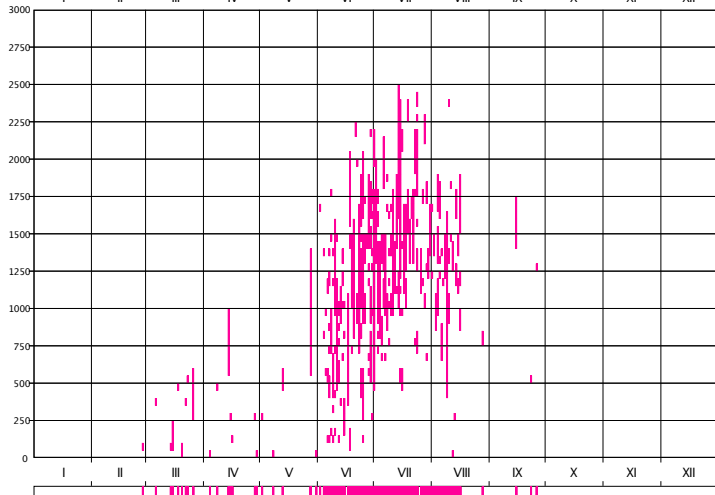
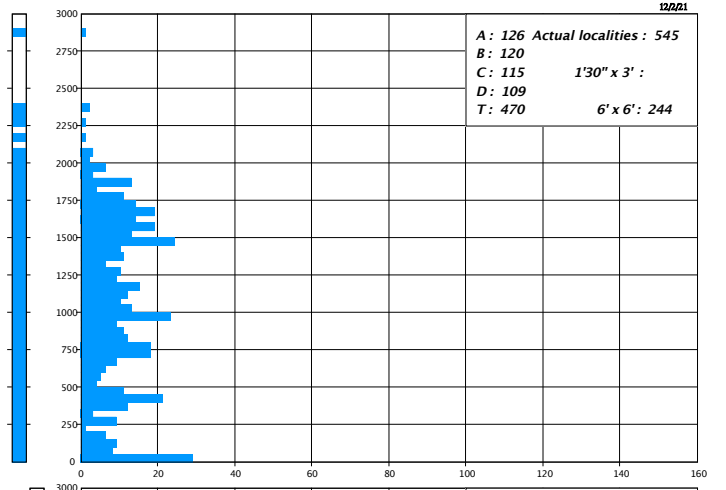
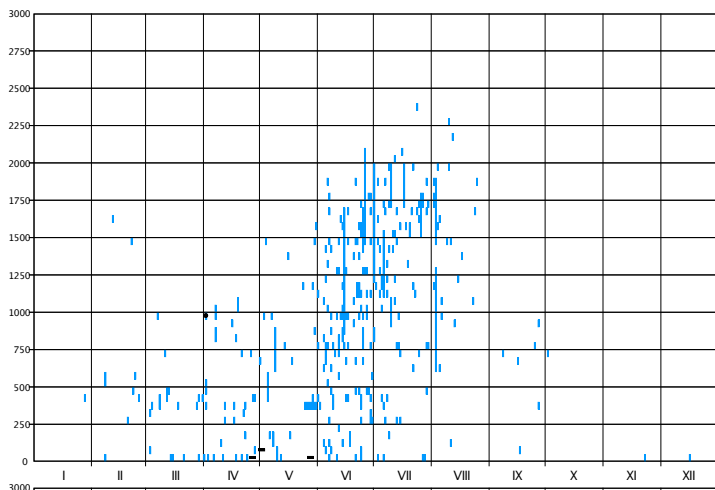
**NYPHALIDAE *Nymphalis polychloros***



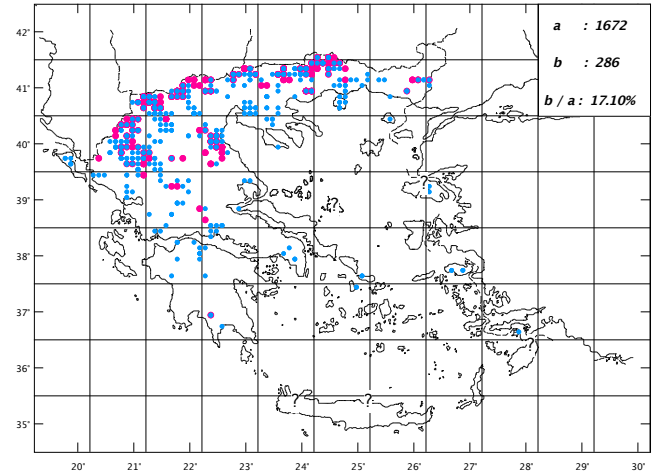


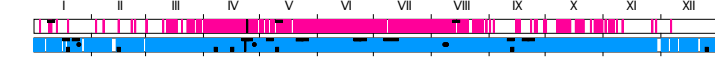
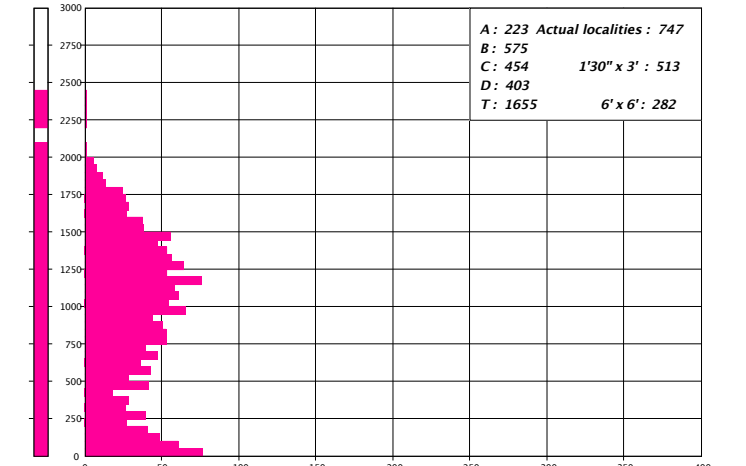
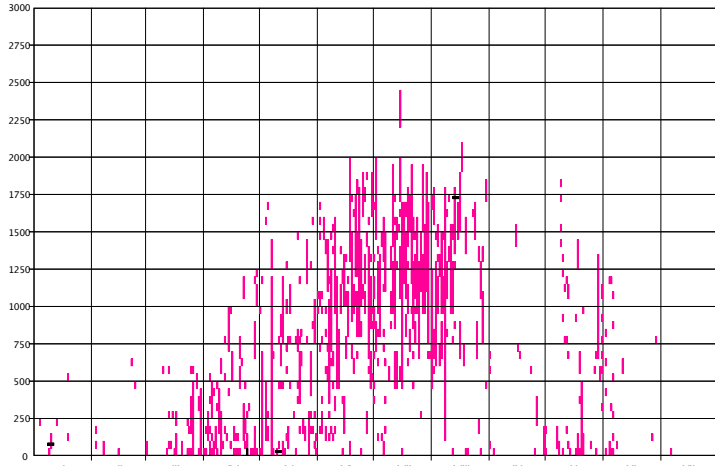
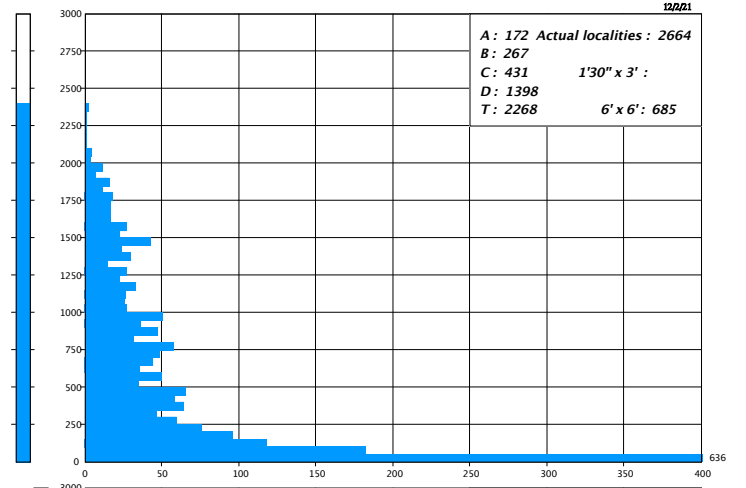
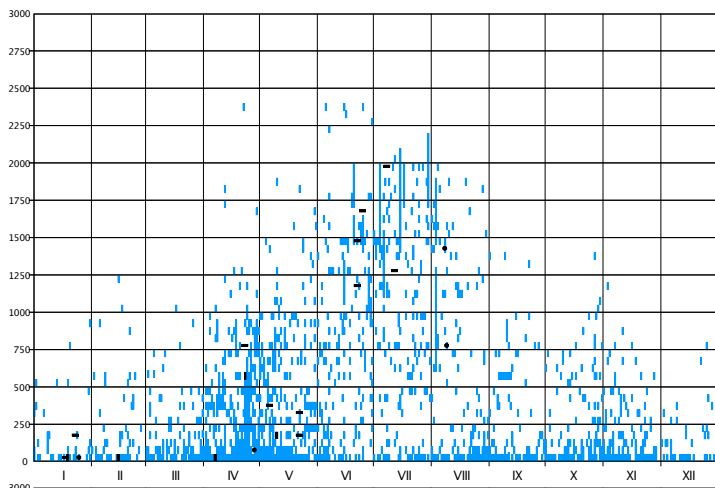
**NYPHALIDAE *Nymphalis antiopa***



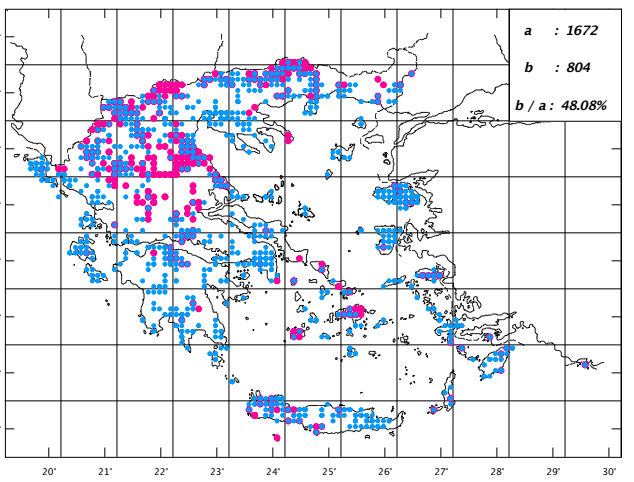
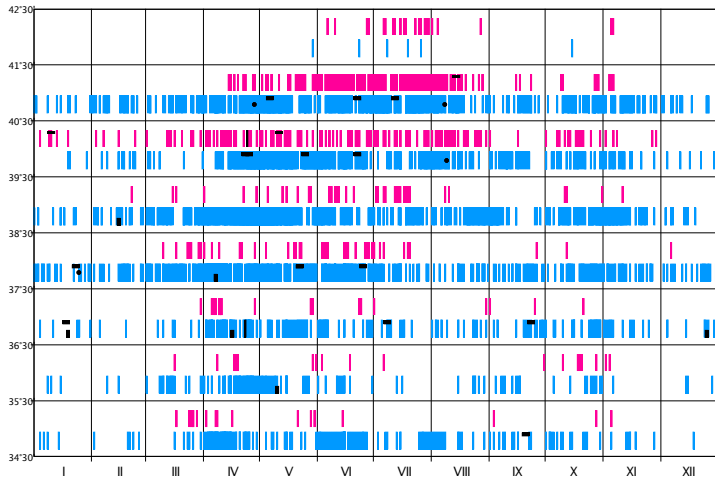


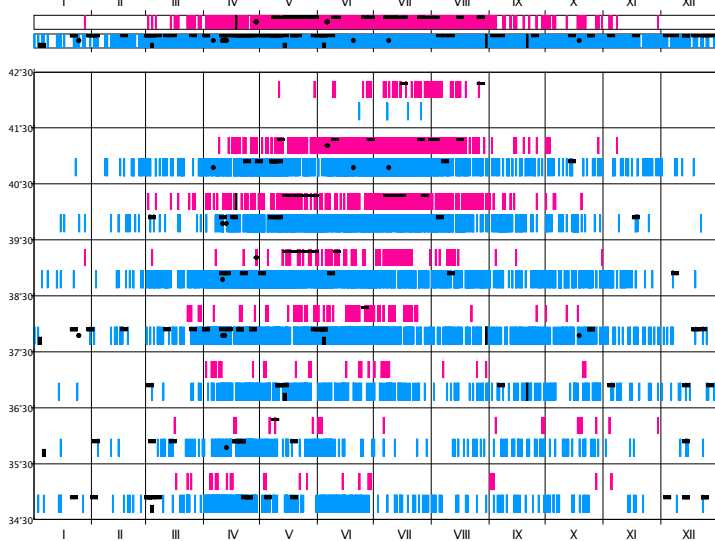
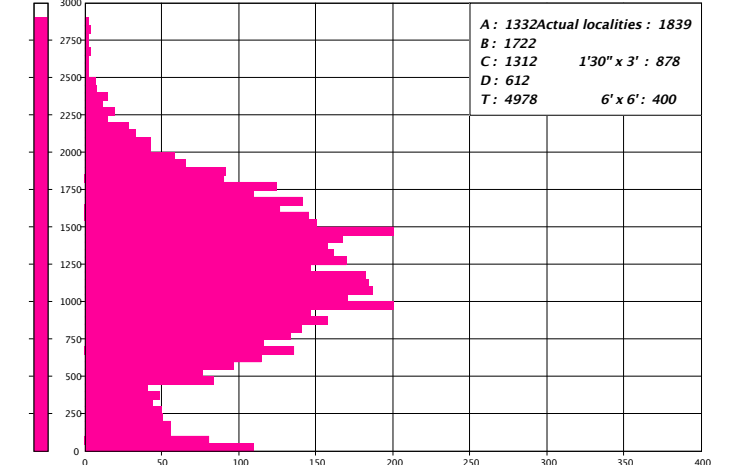
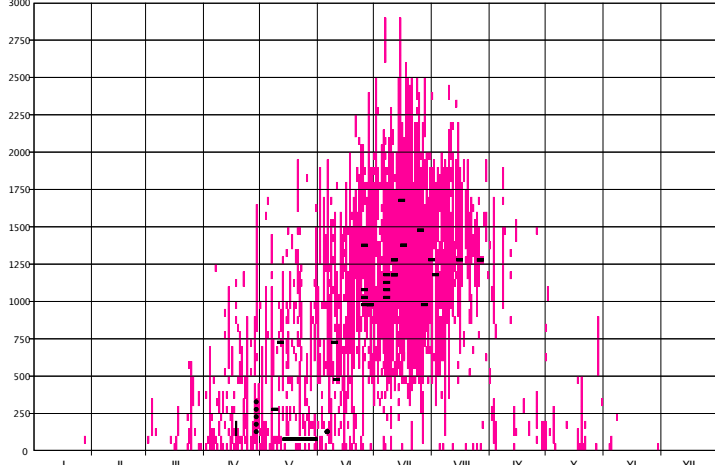
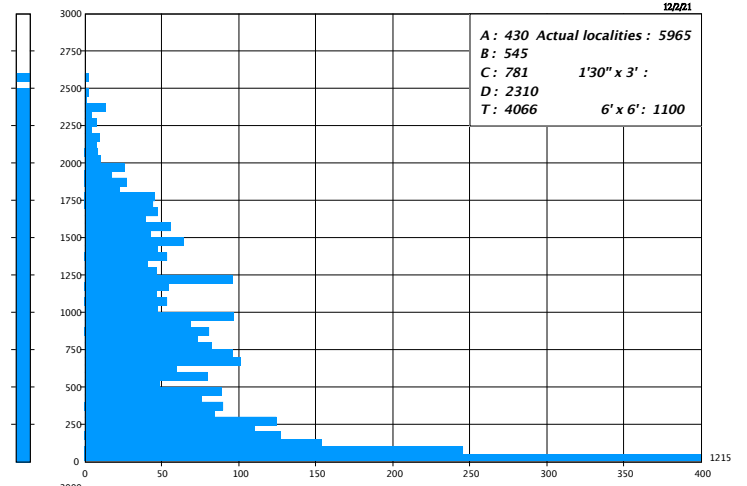
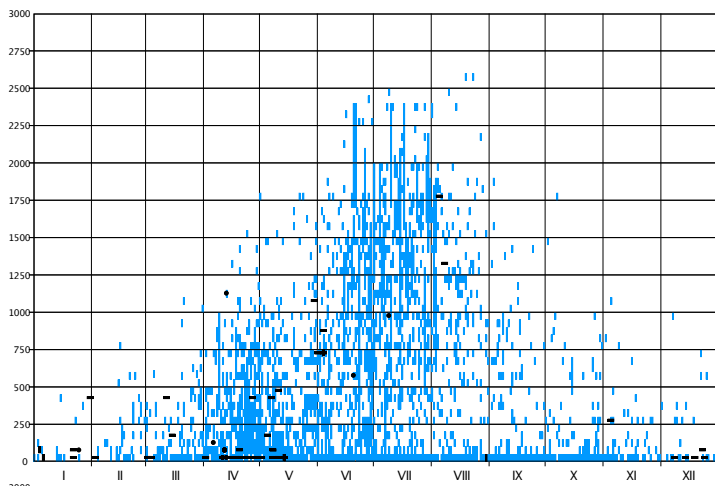
**NYMPHALIDAE *Aglais io***



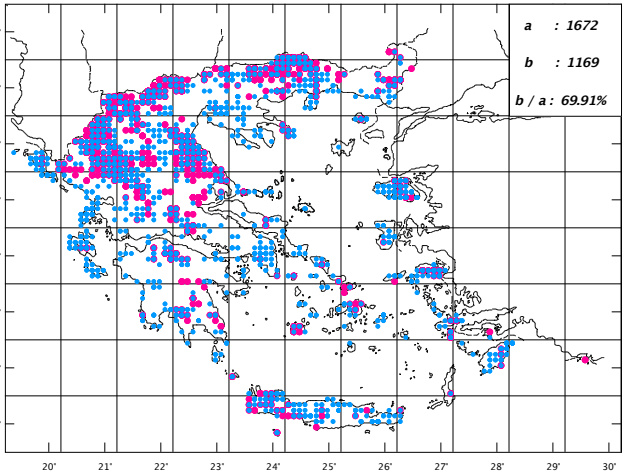


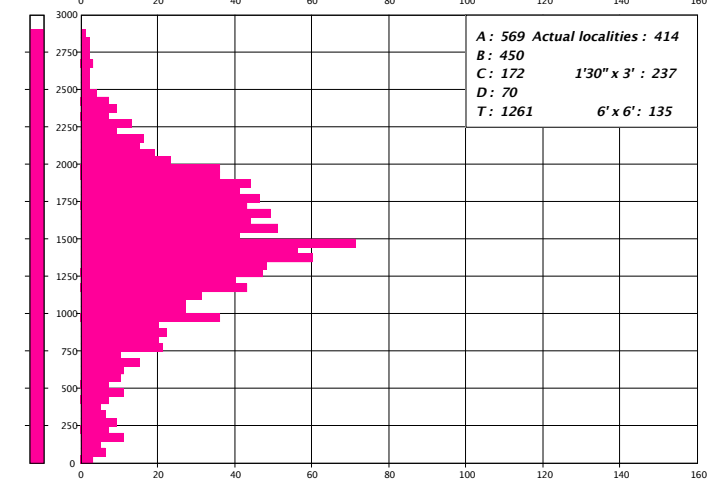
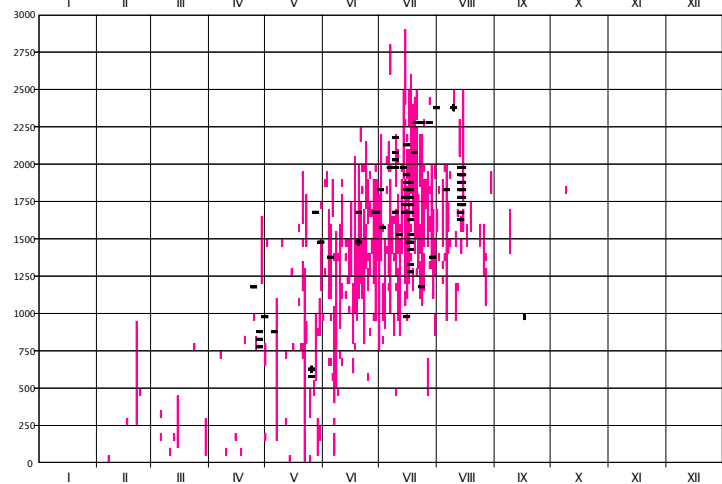
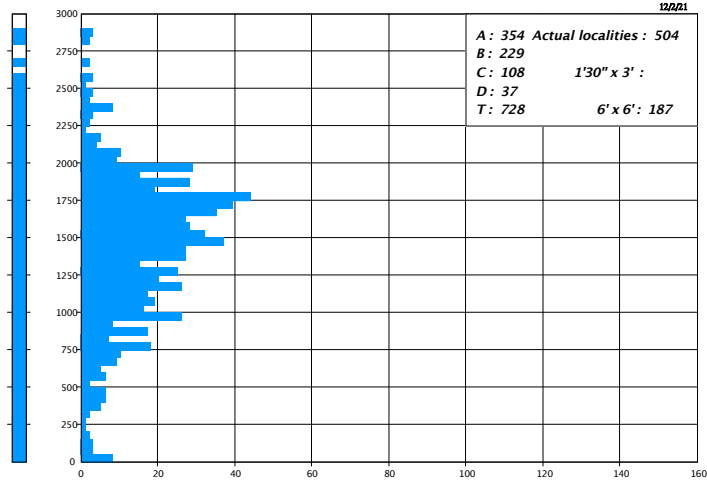
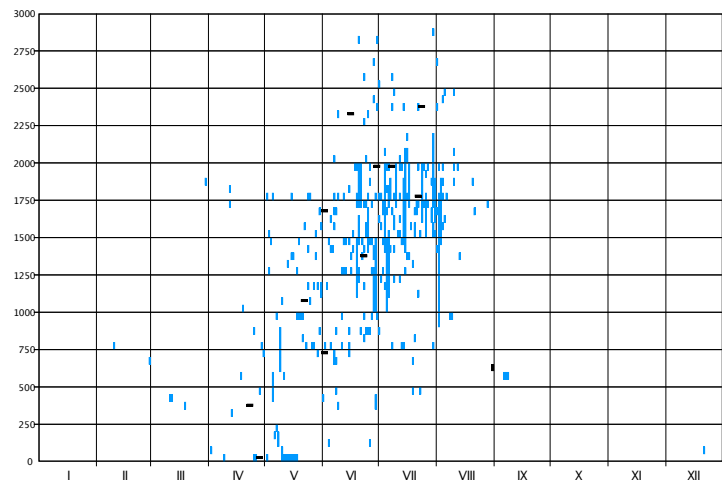
**NYPHALIDAE *Vanessa atalanta***



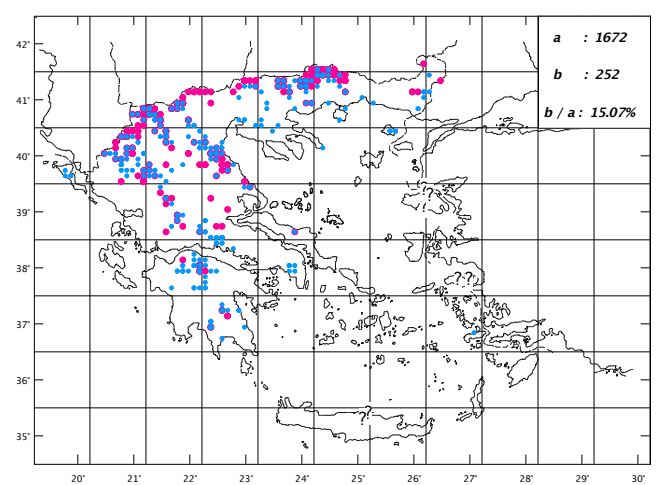
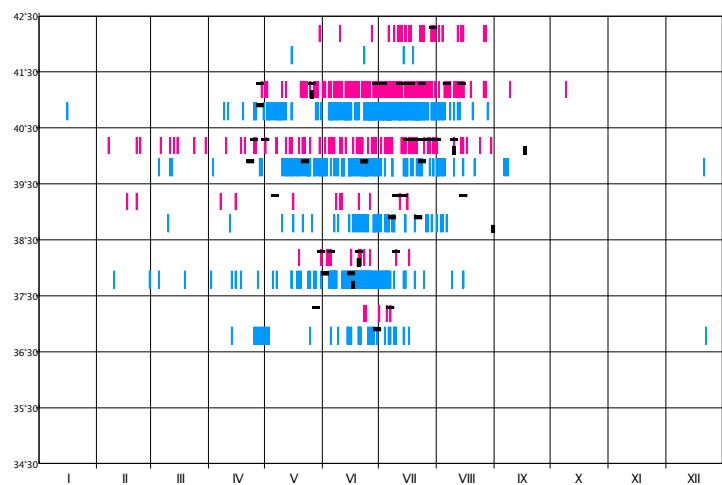


**NYPHALIDAE *Vanessa cardui***

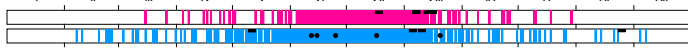
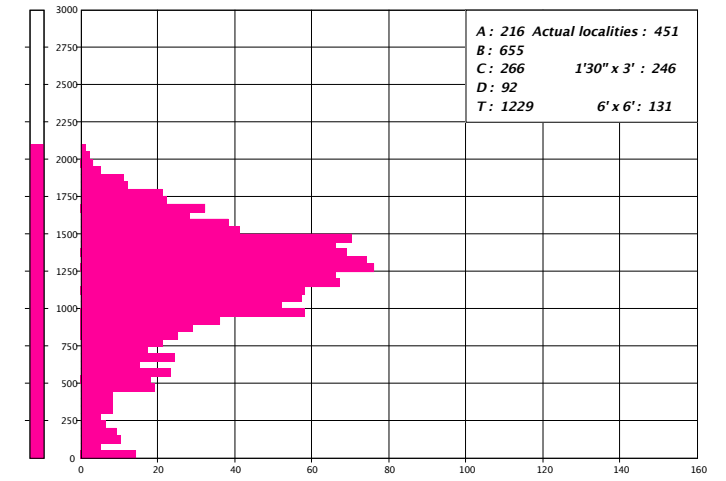
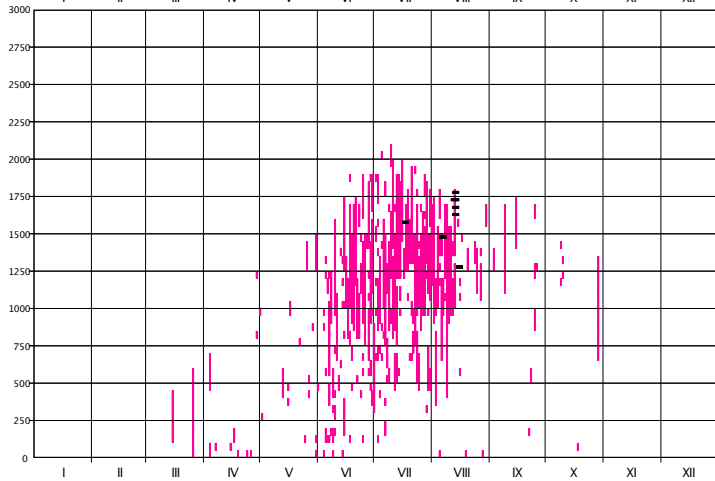
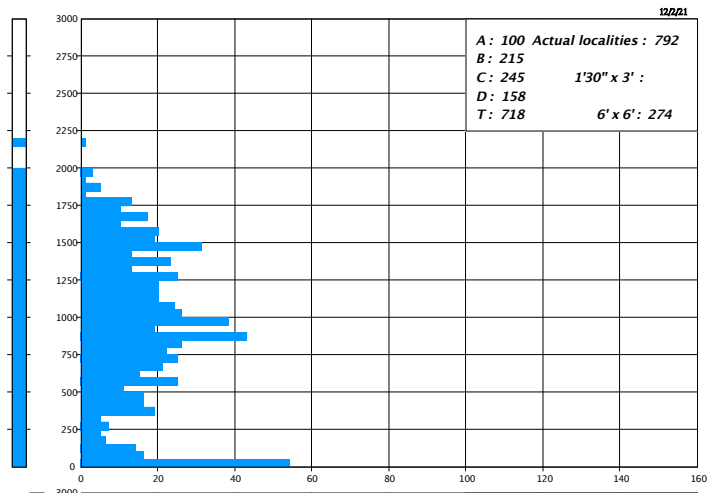
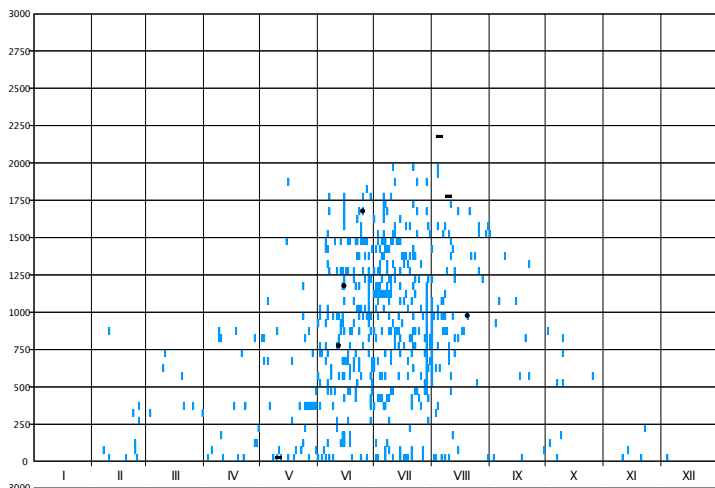




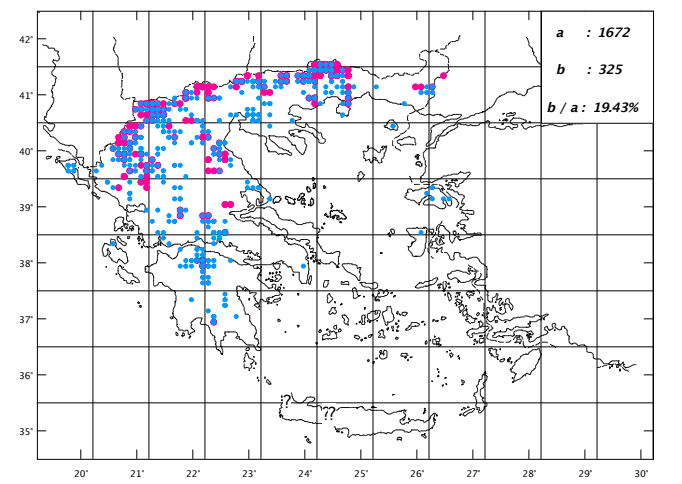
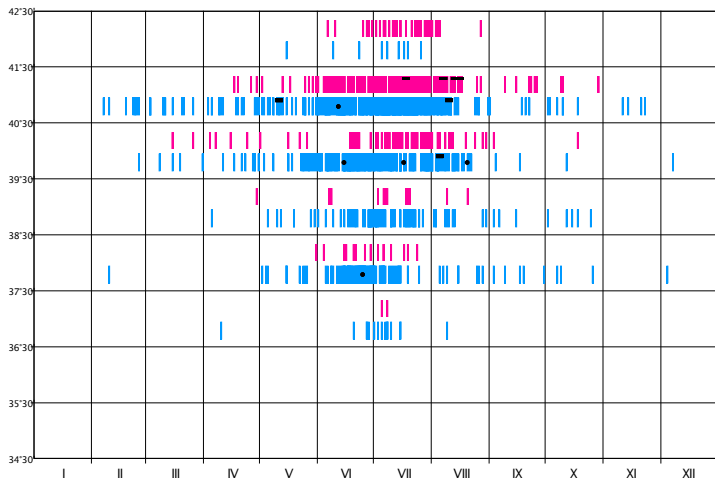
**NYMPHALIDAE *Aglais urticae***

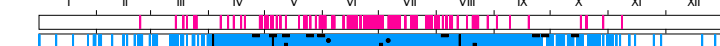
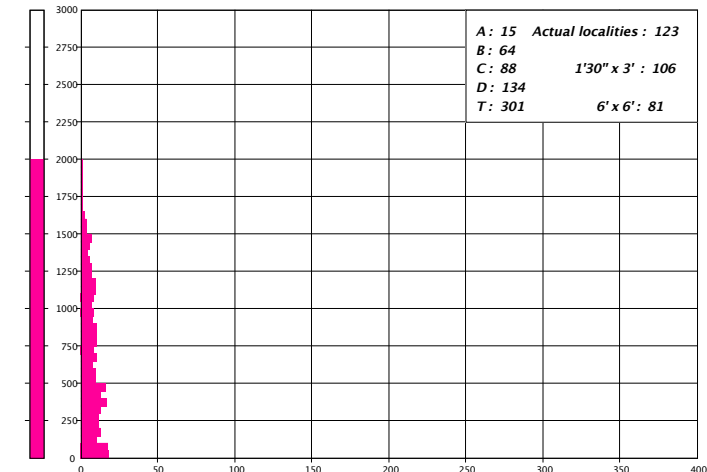
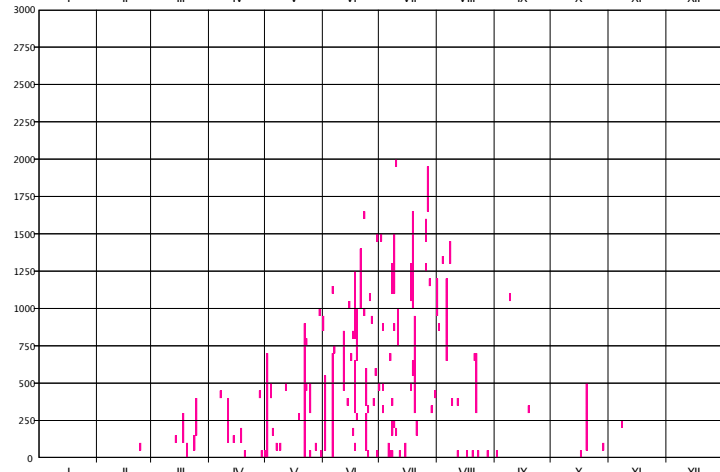
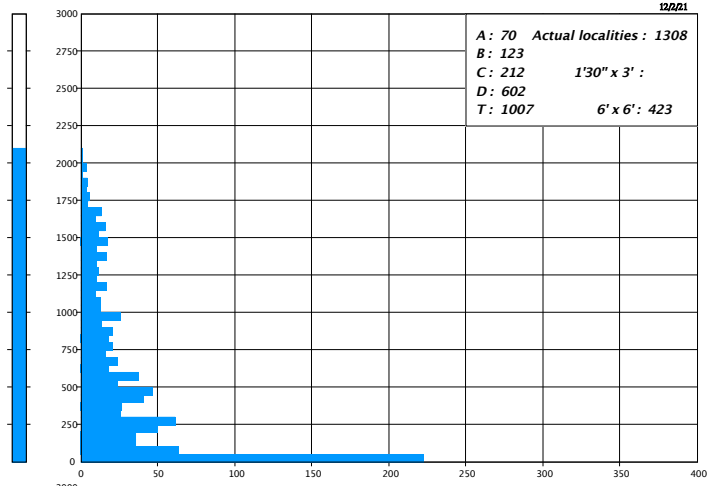
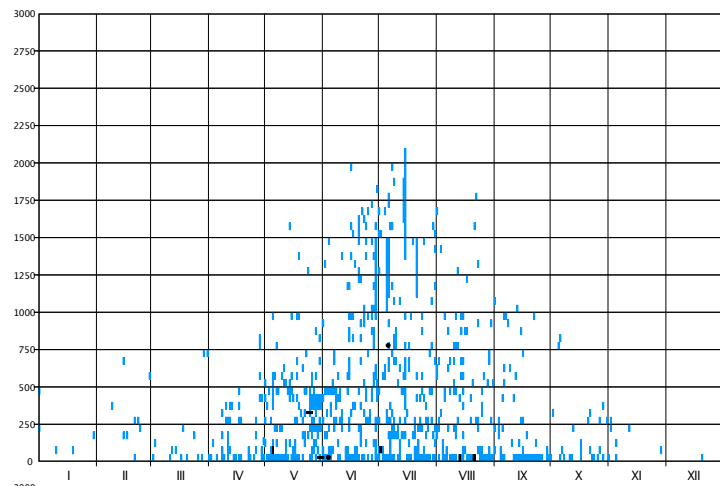




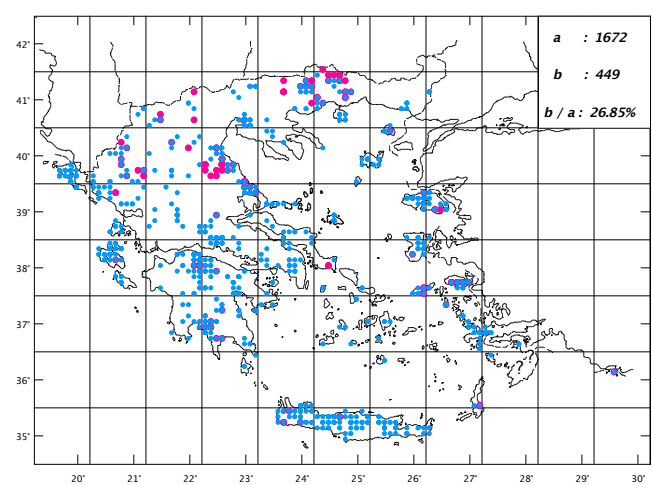
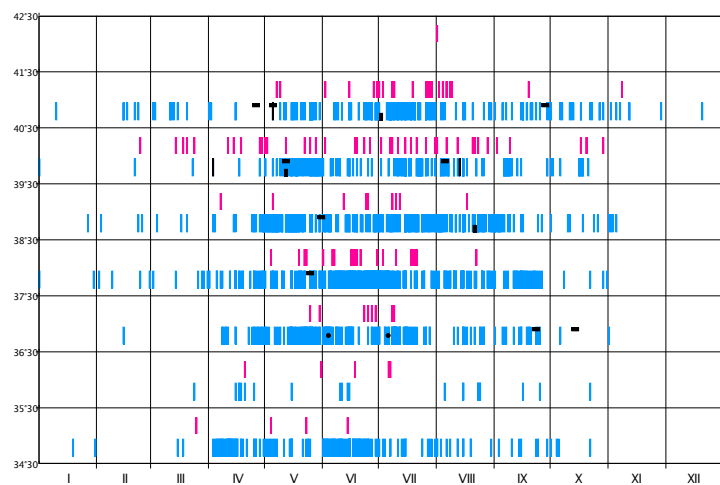


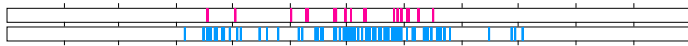
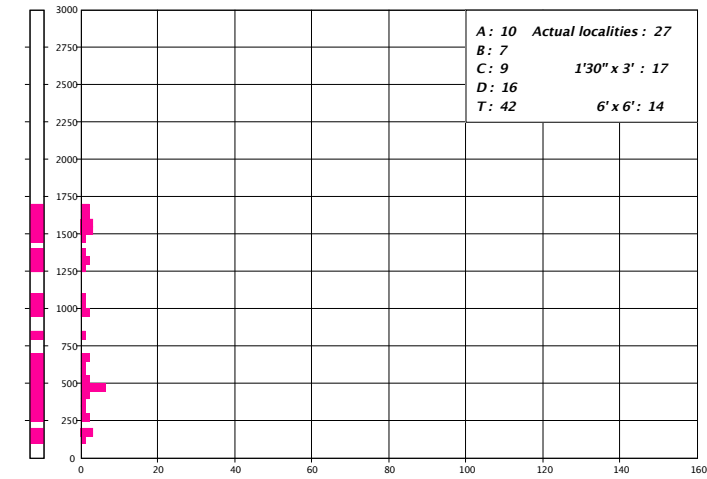
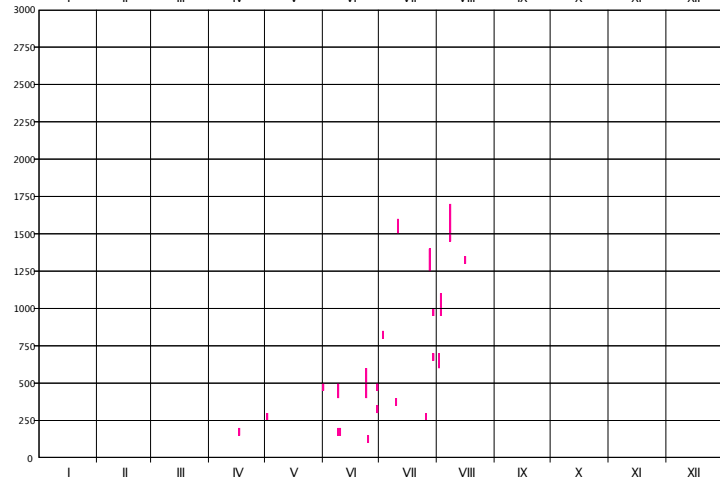
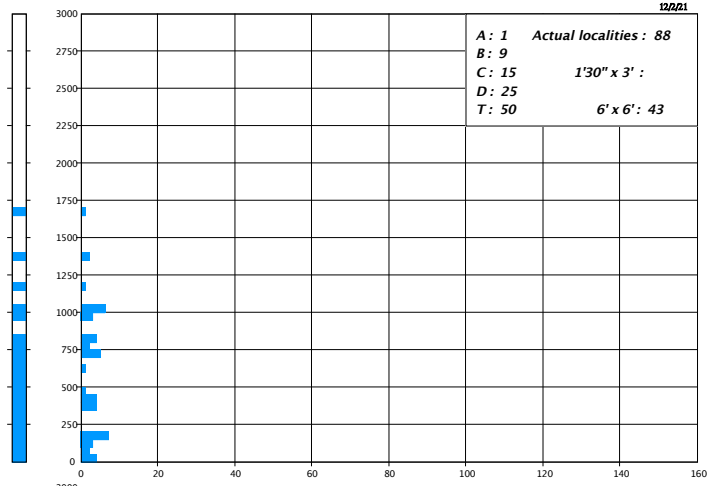
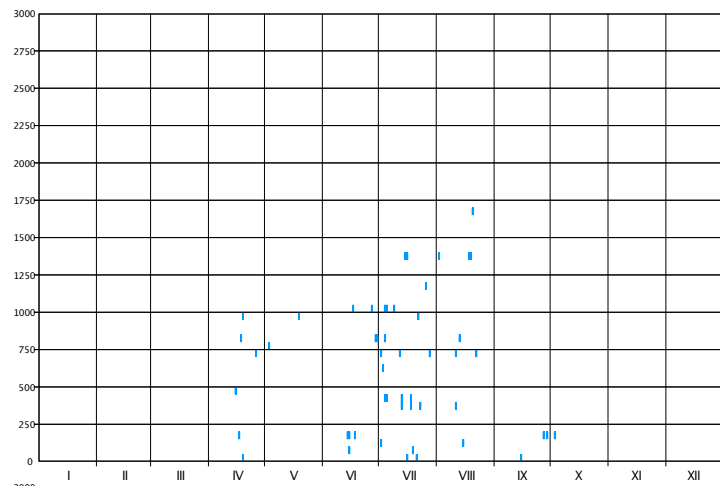
**NYMPHALIDAE *Polygonia c-album***



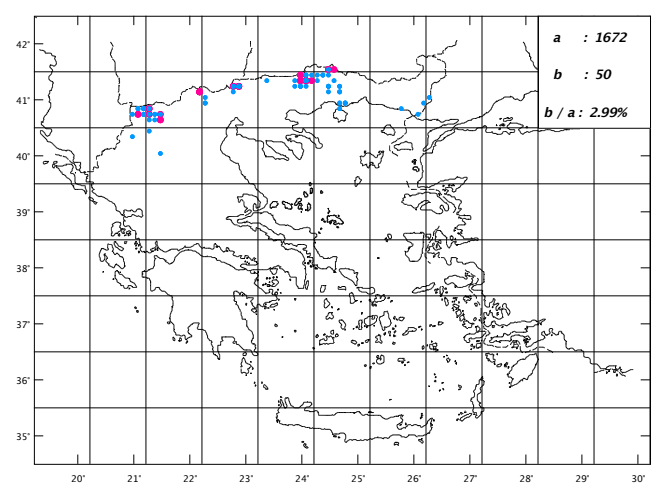
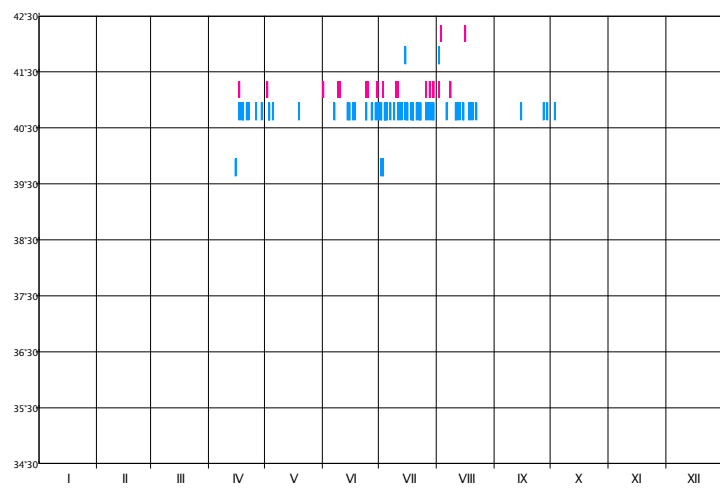


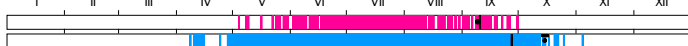
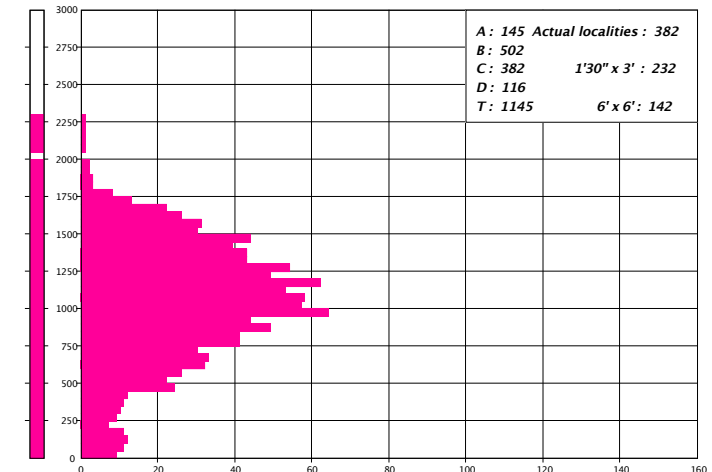
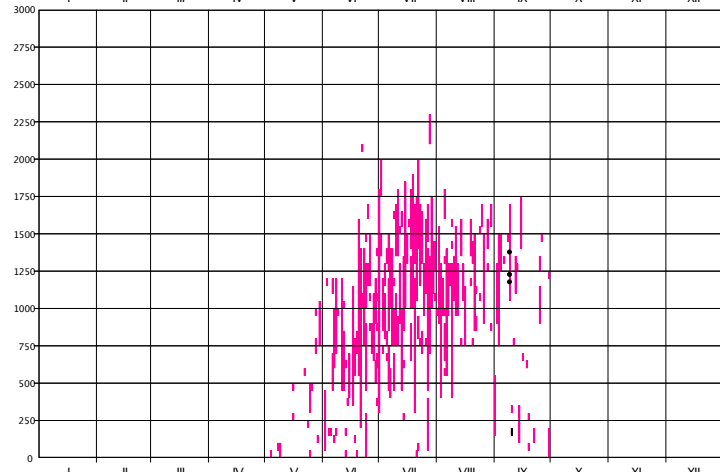
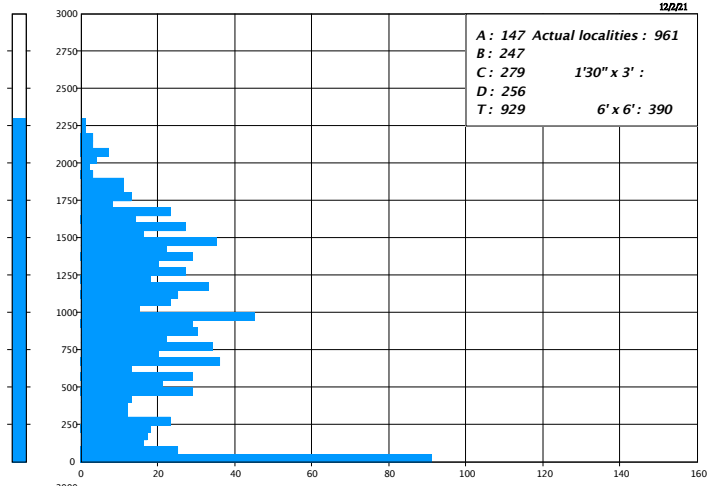
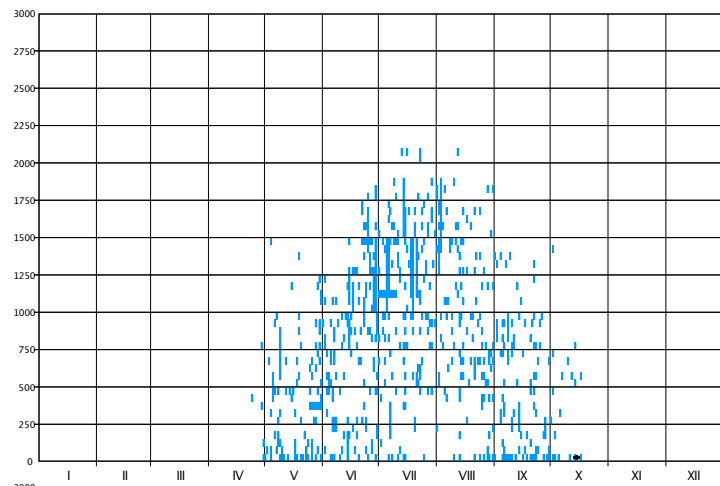
**NYMPHALIDAE *Polygonia egea***



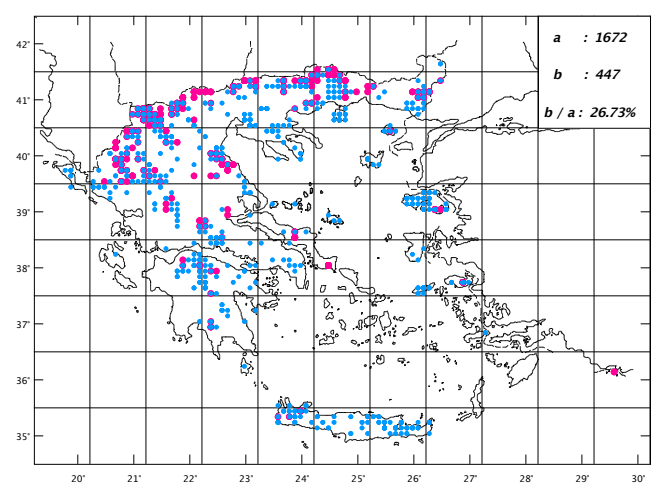
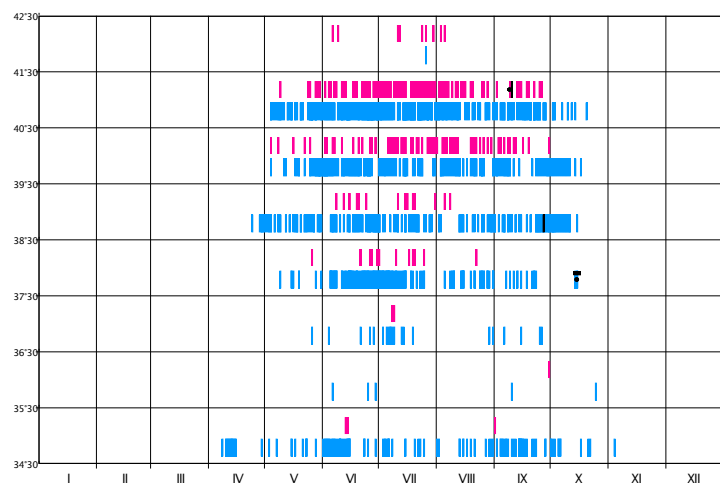


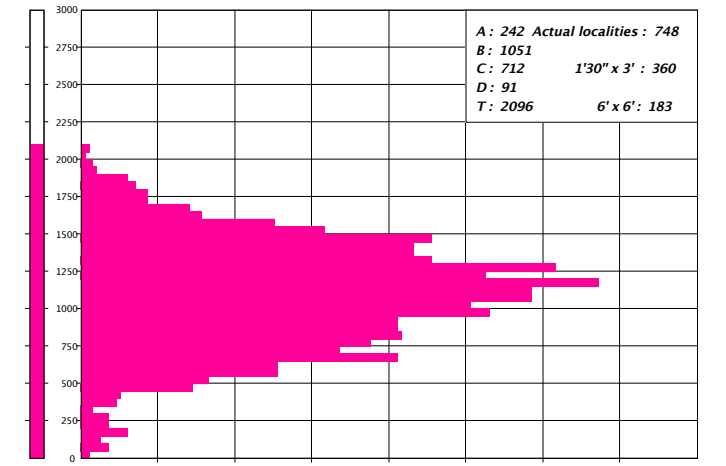
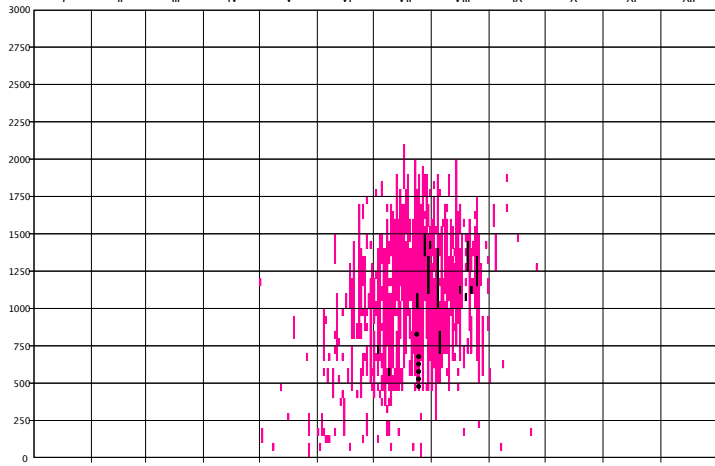
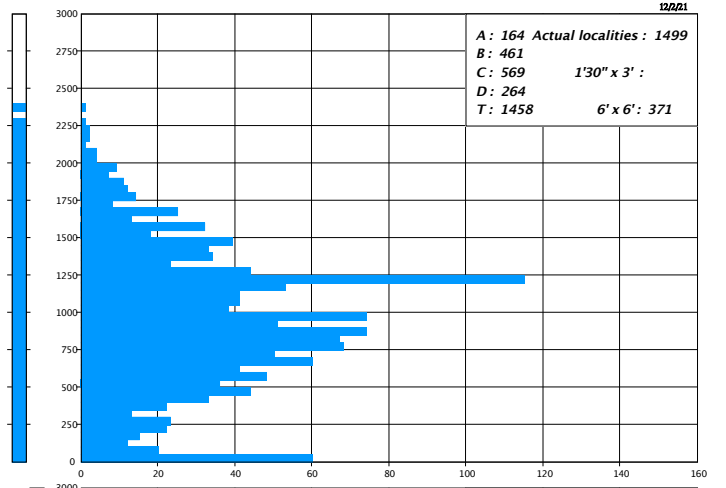
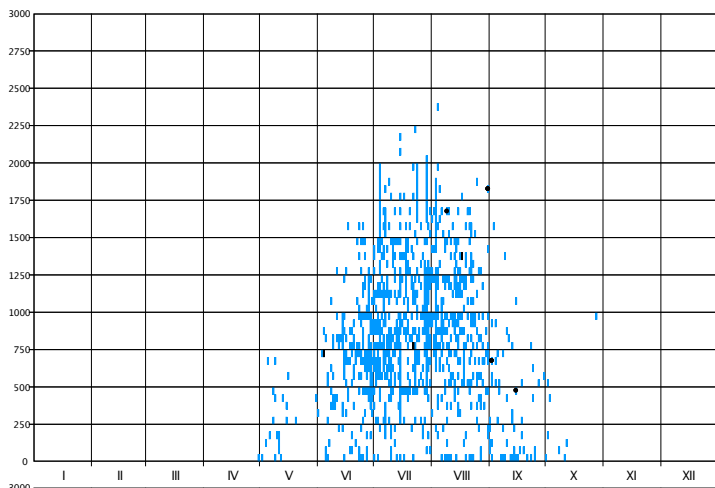
**NYMPHALIDAE *Araschnia levana***



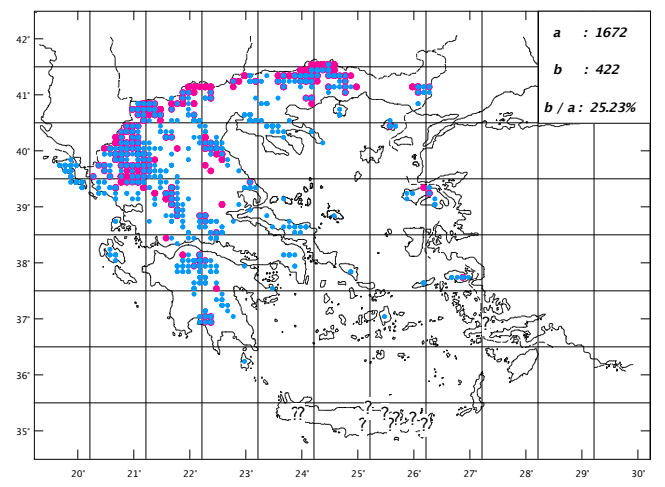
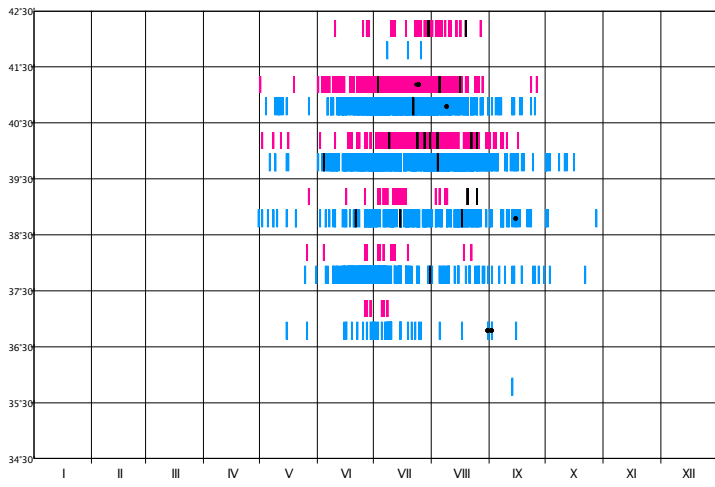


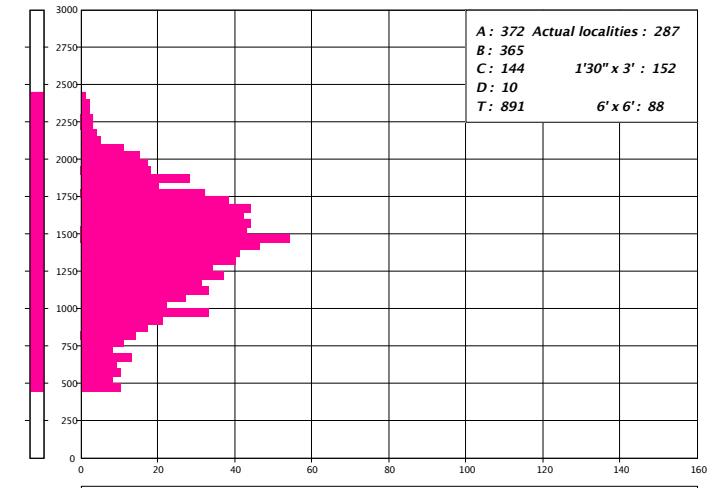
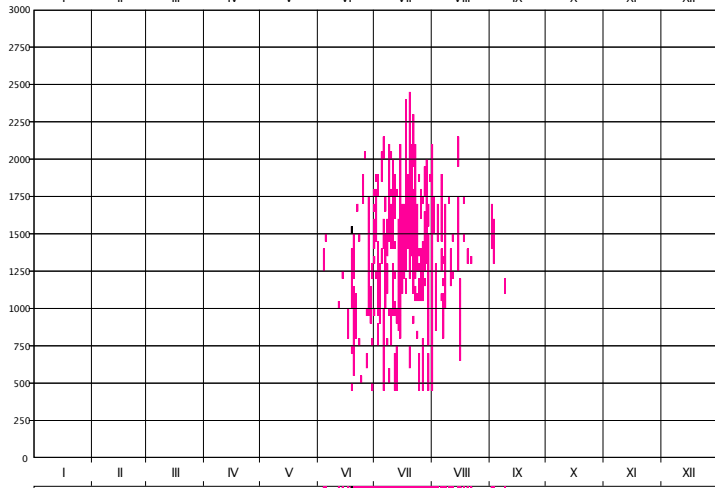
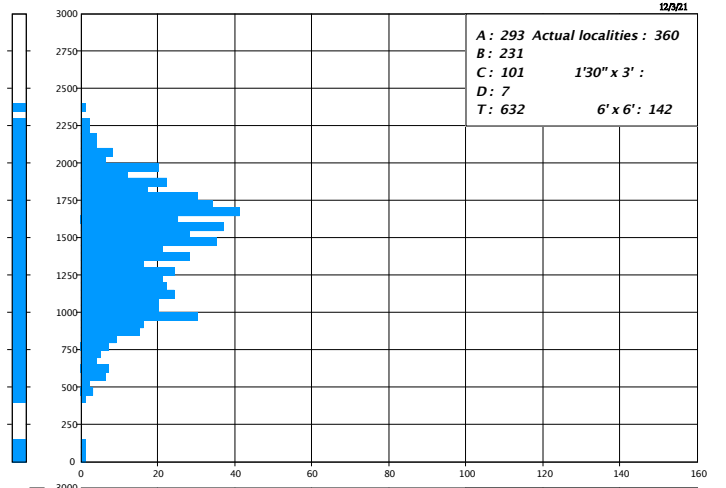
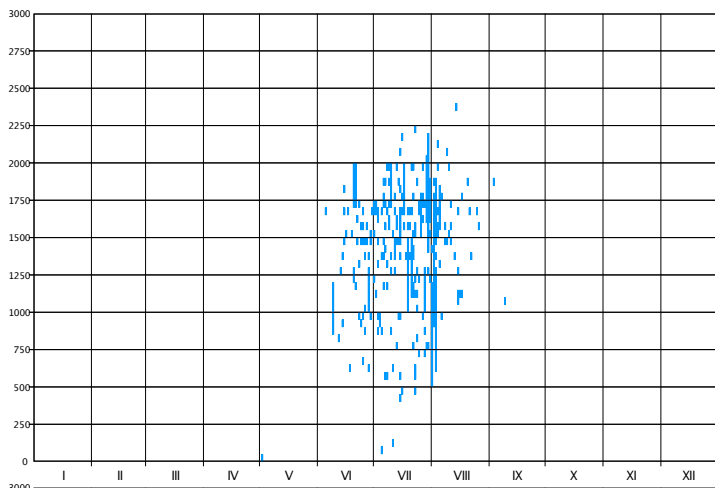
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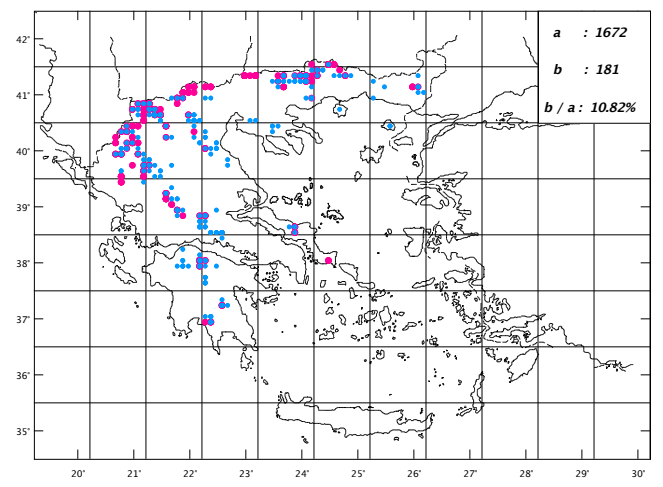
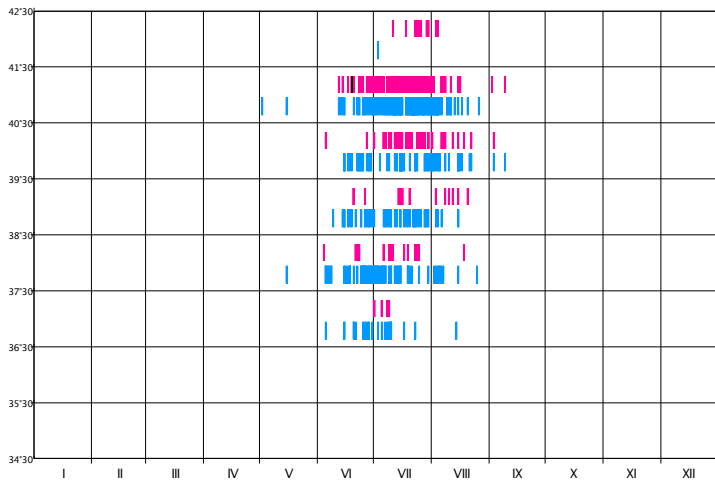


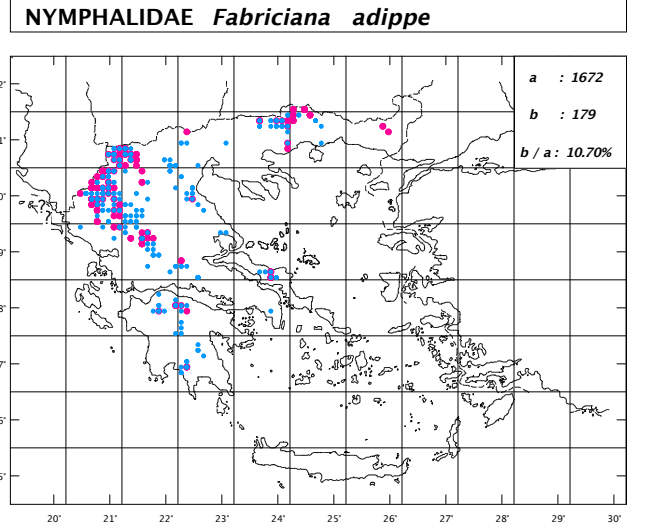
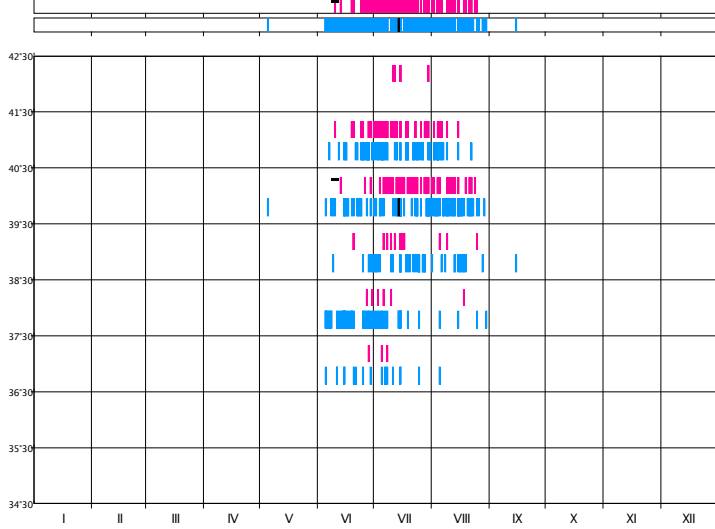
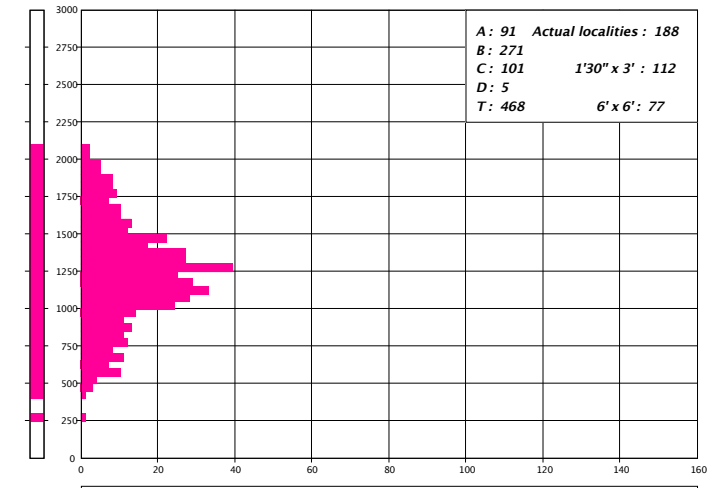
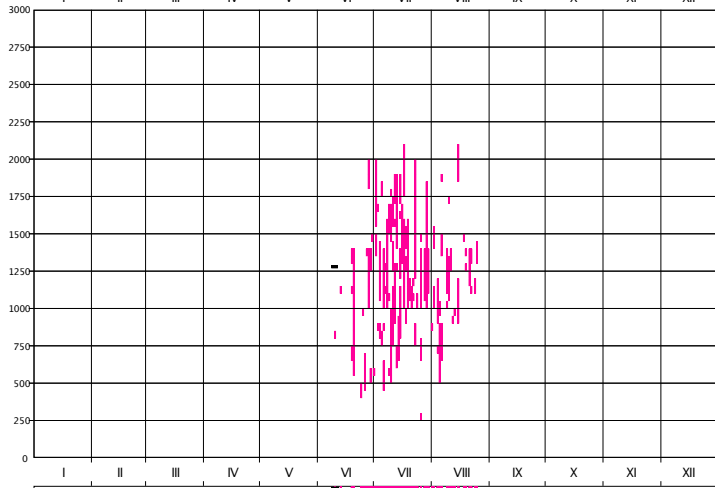
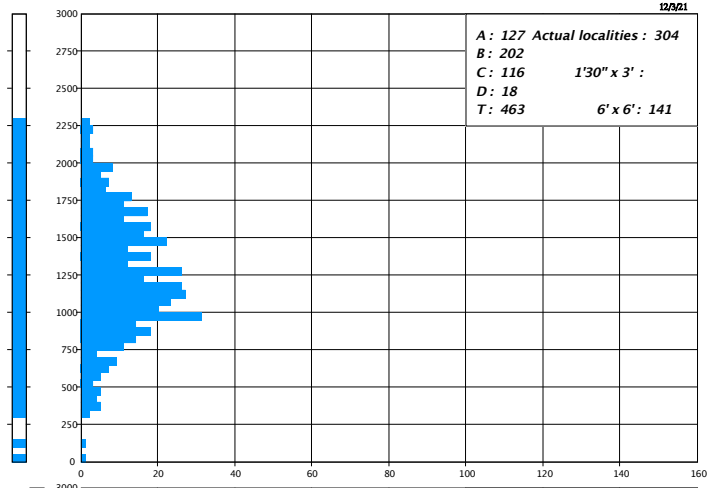
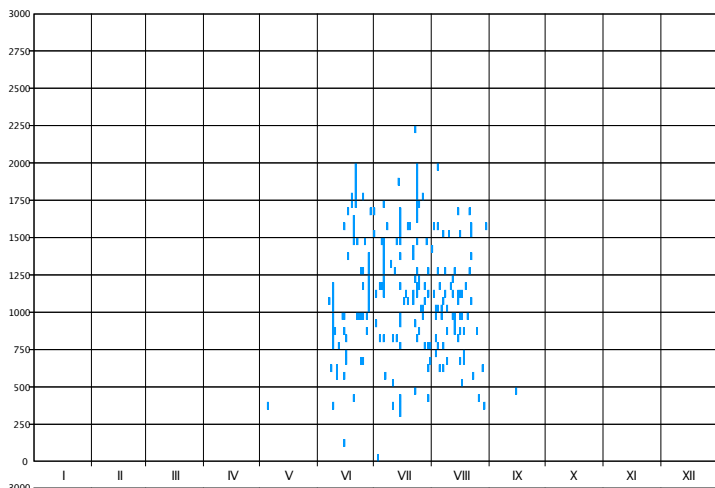
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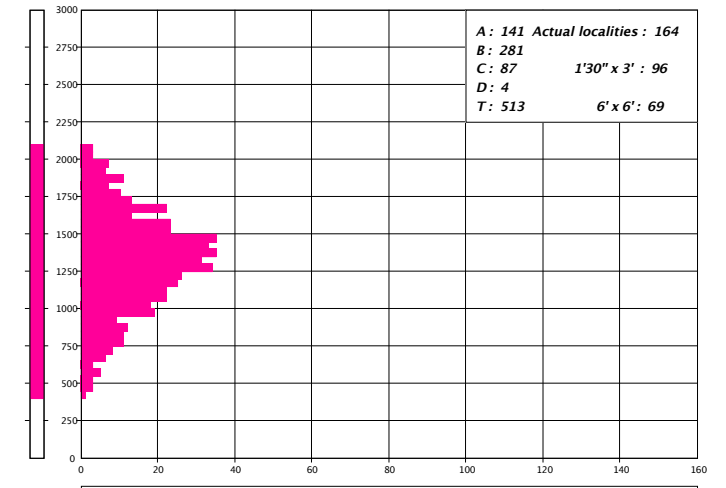
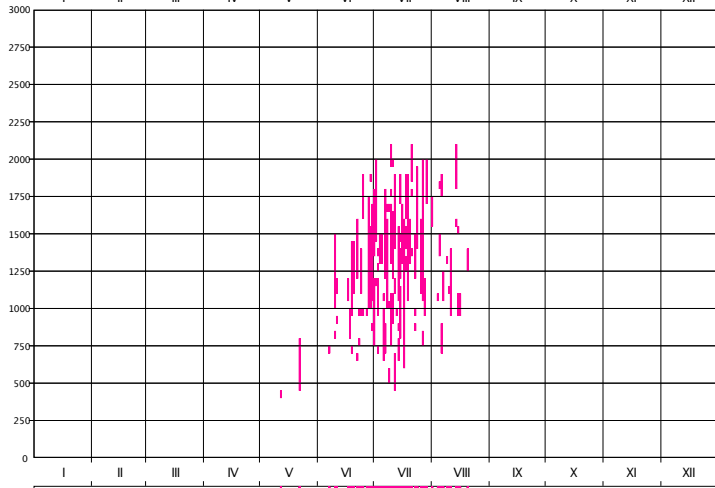
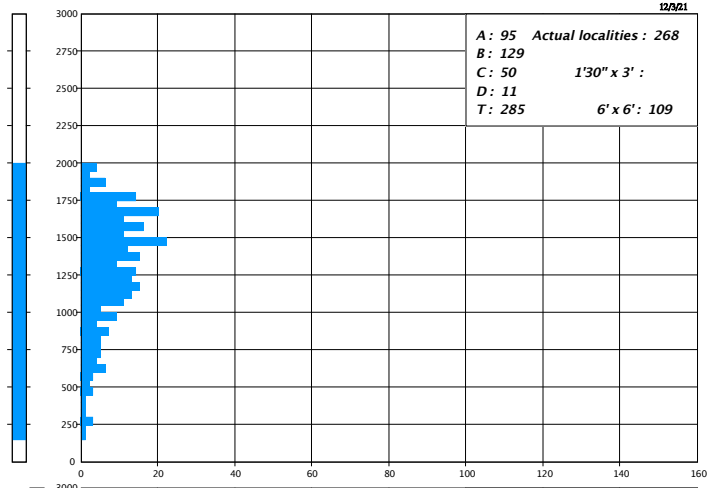
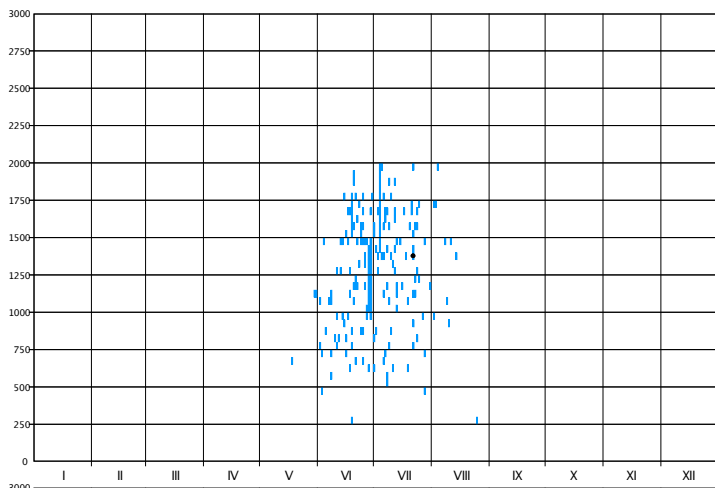




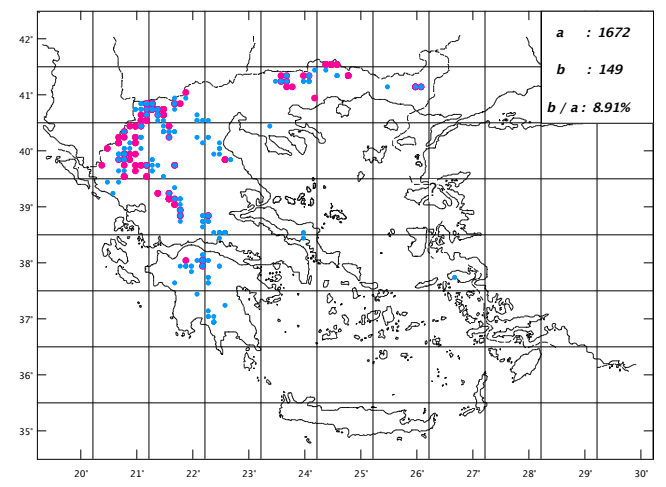
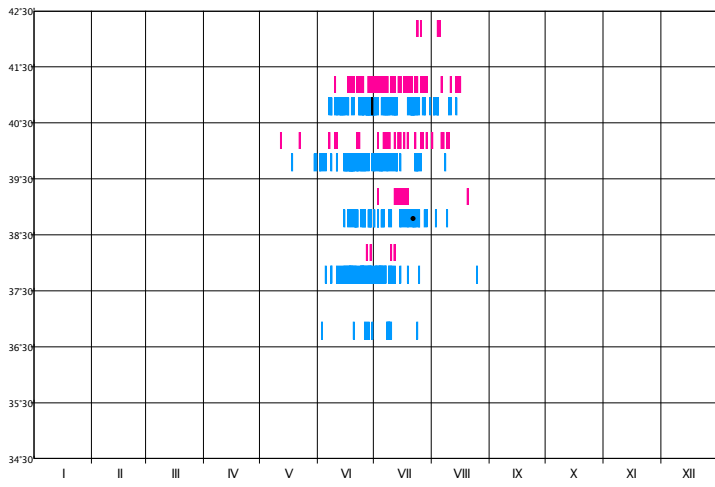
**NYMPHALIDAE *Speyeria aglaja***



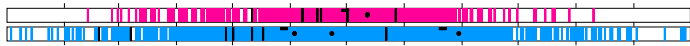
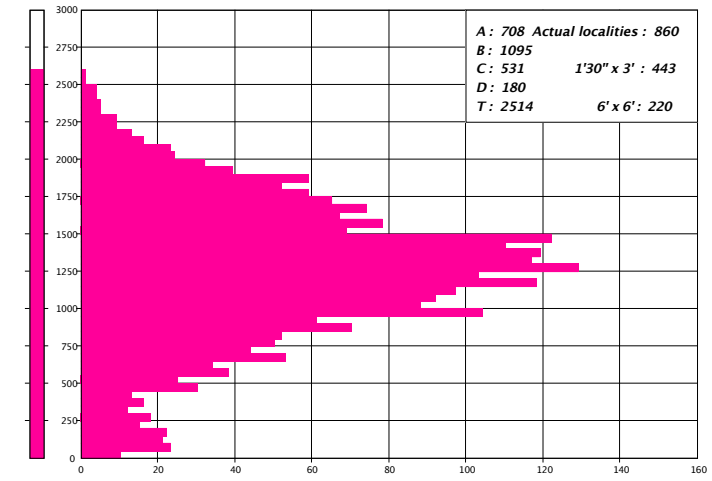
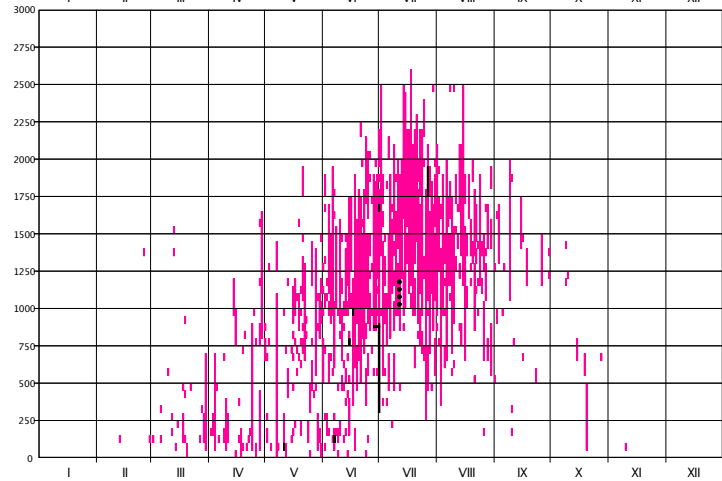
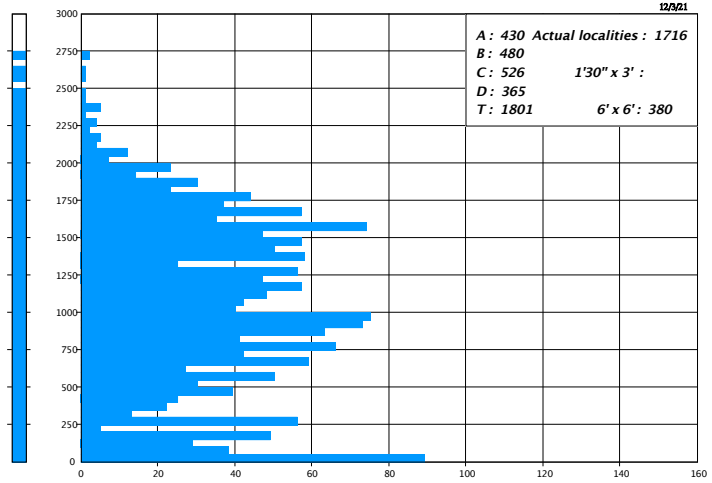
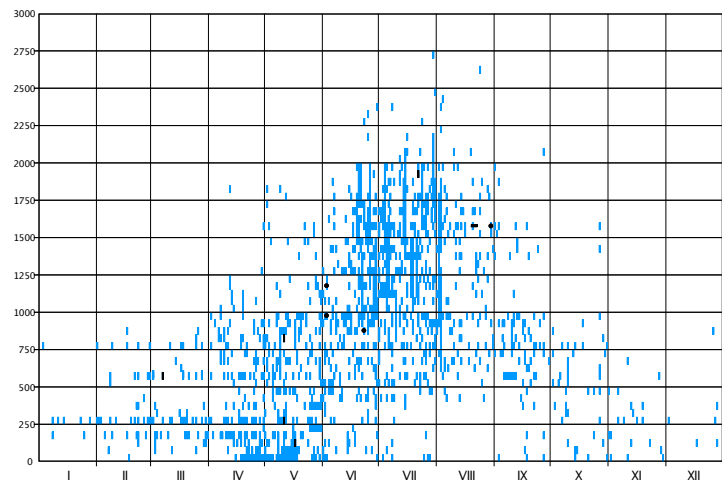




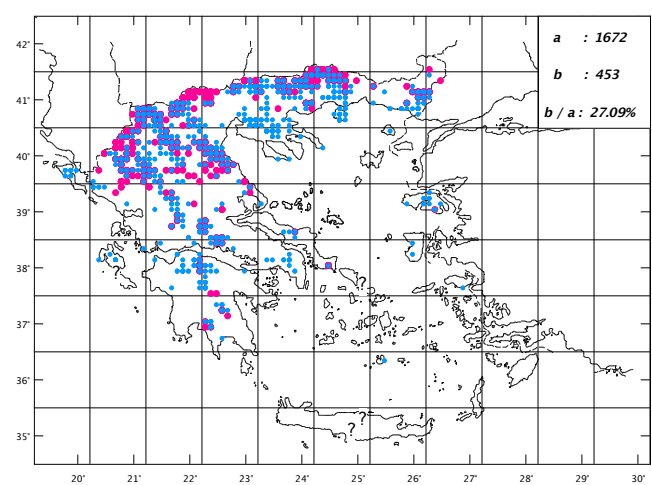
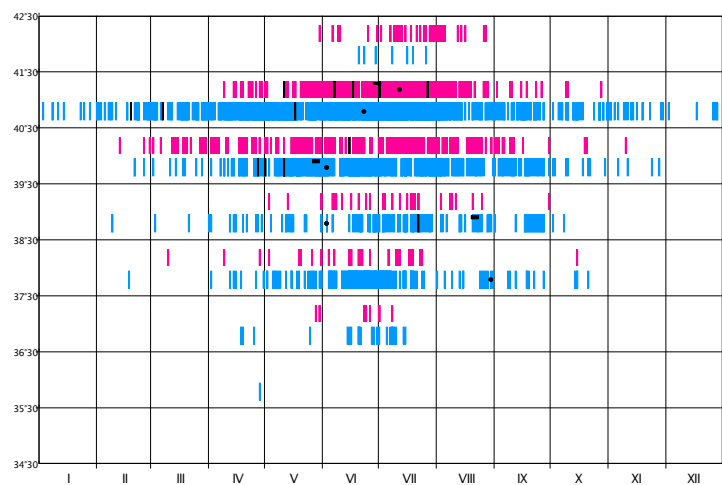
**NYMPHALIDAE *Fabriciana niobe***

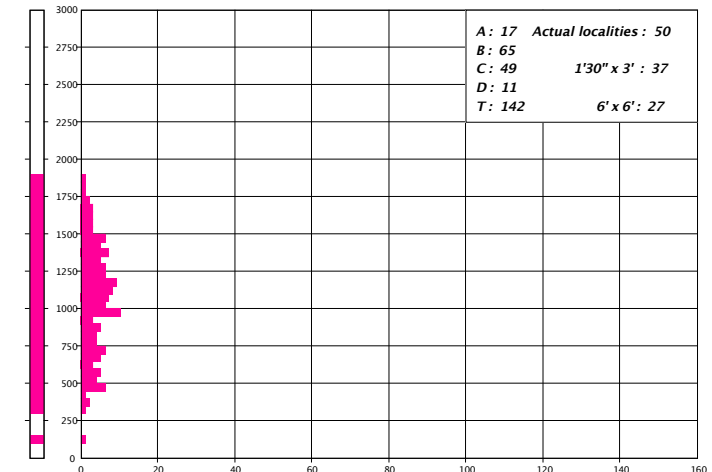
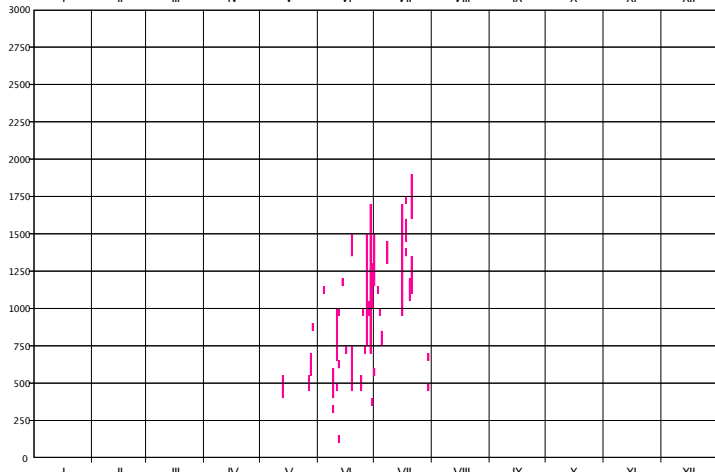
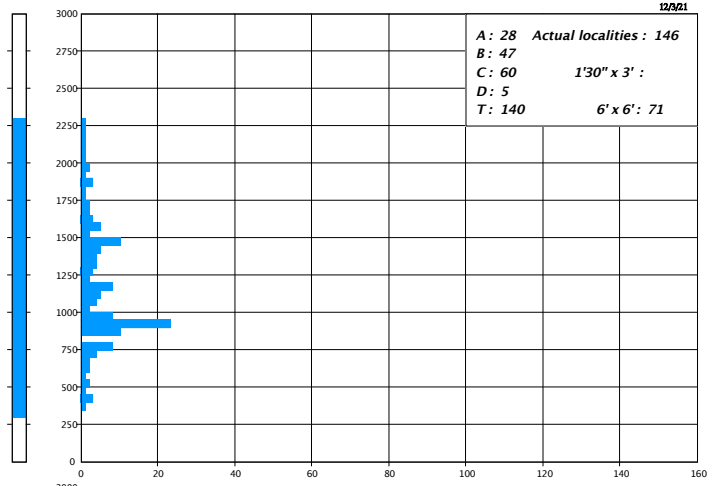
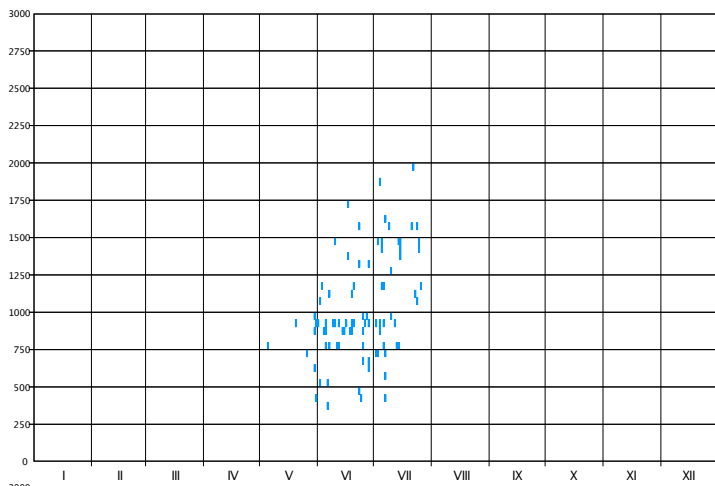




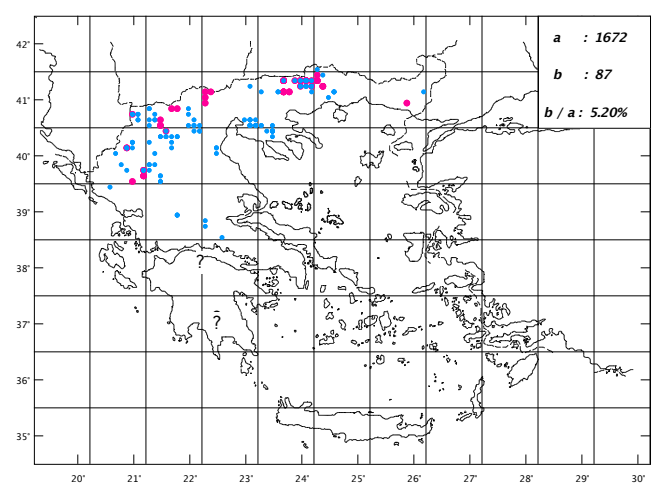
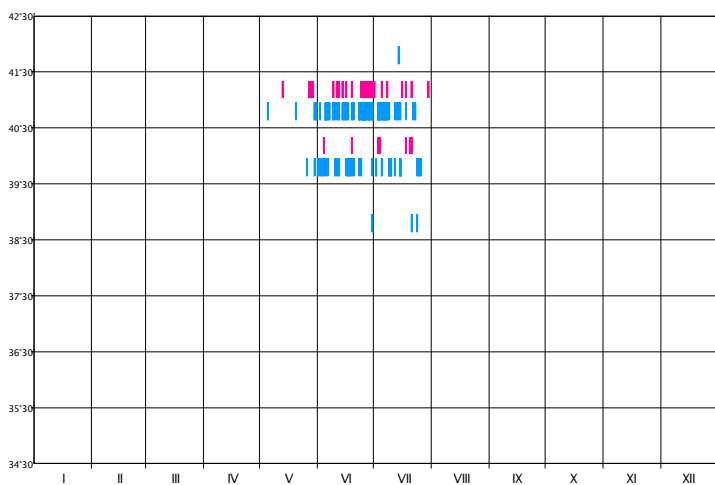


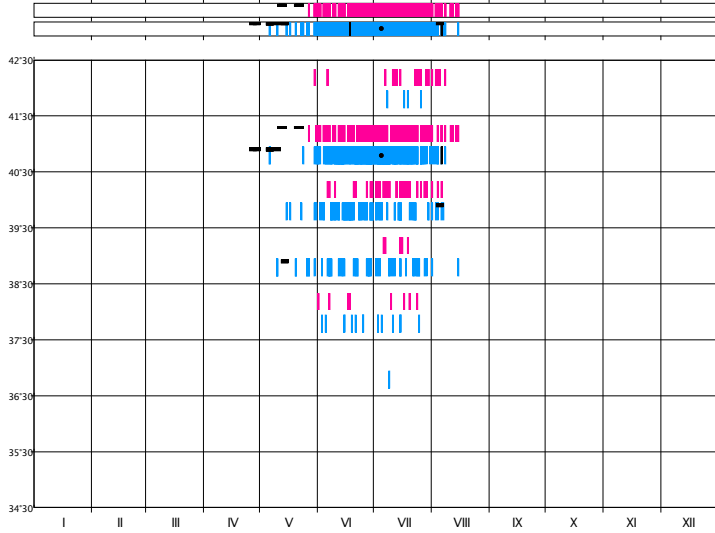
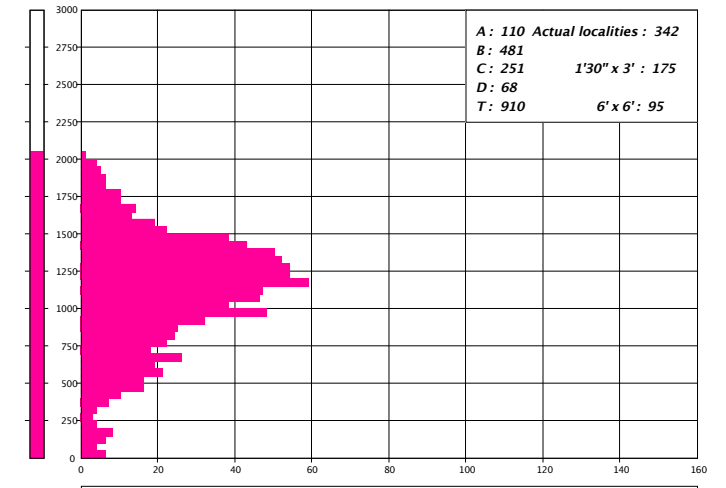
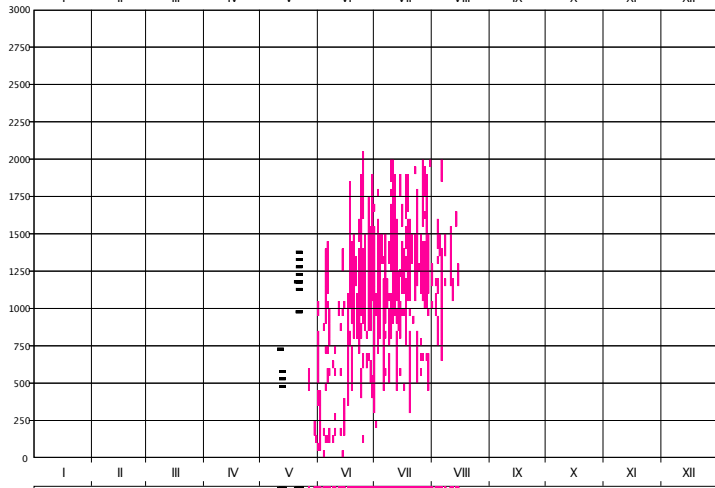
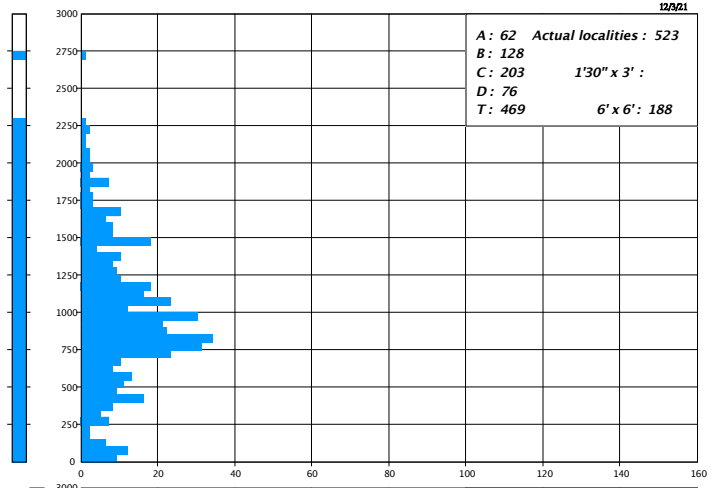
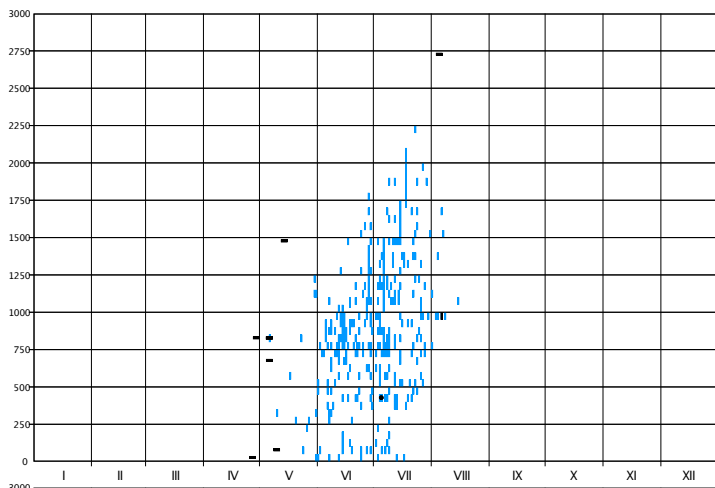
**NYMPHALIDAE *Issoria lathonia***



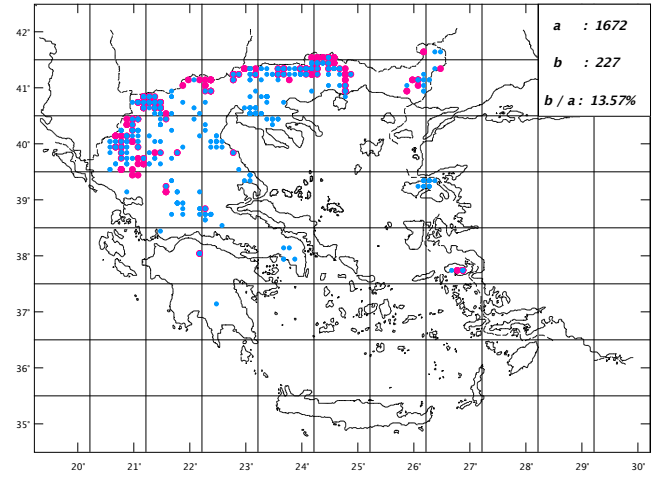


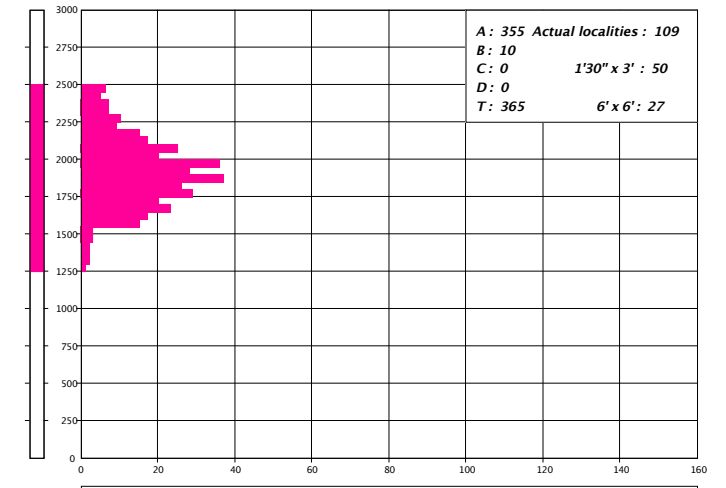
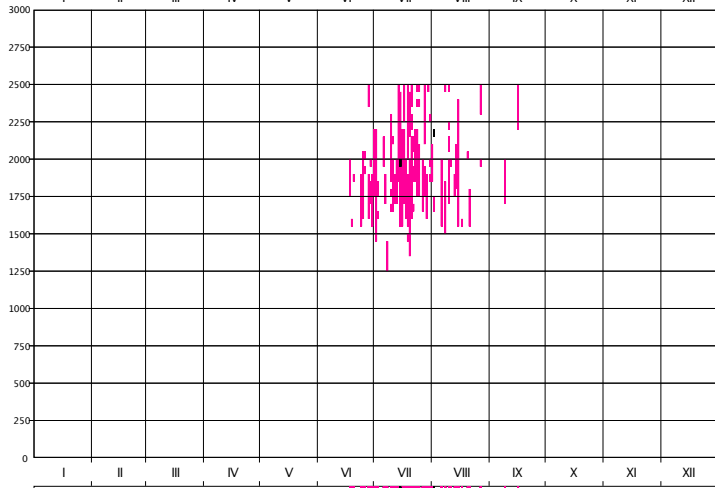
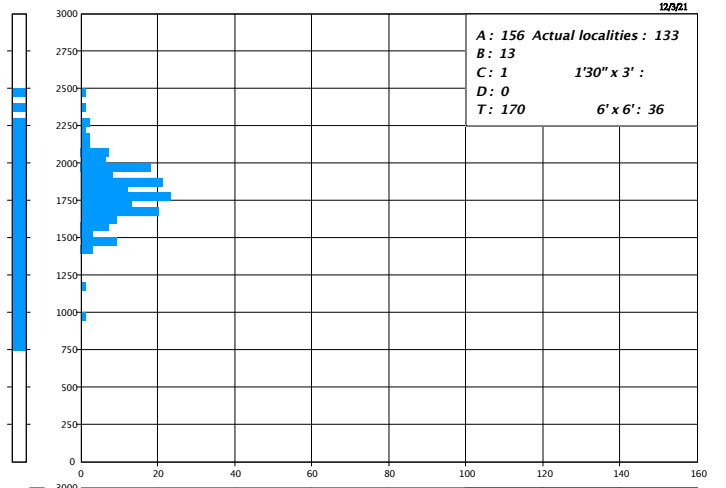
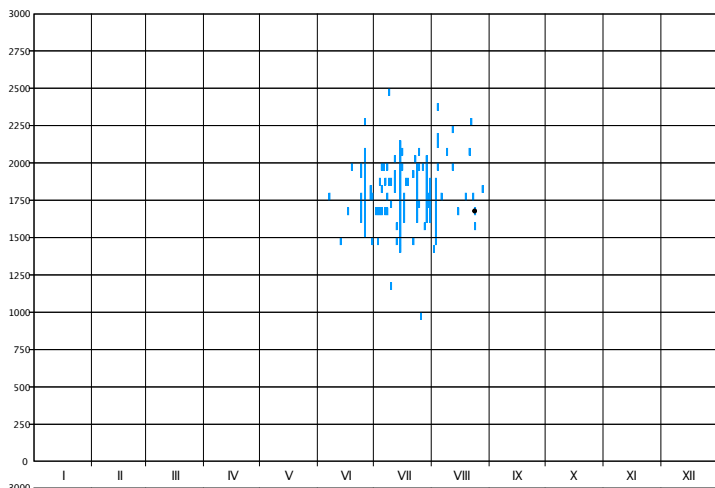
**NYMPHALIDAE *Brenthis hecate***



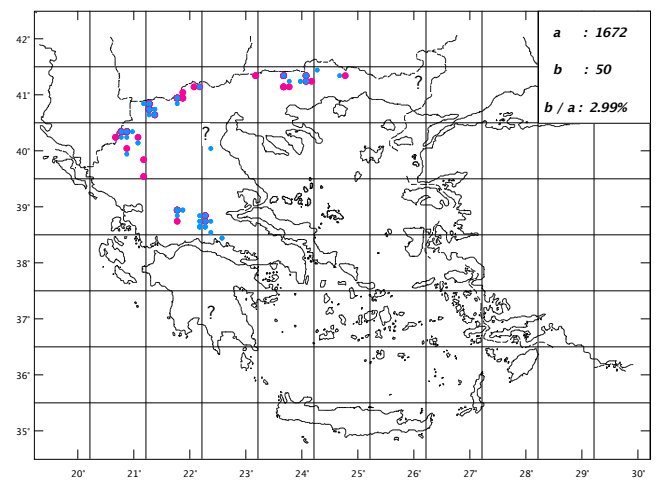
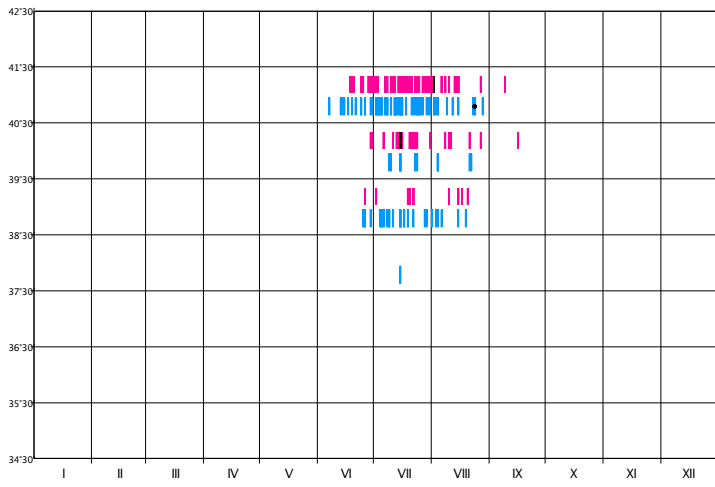


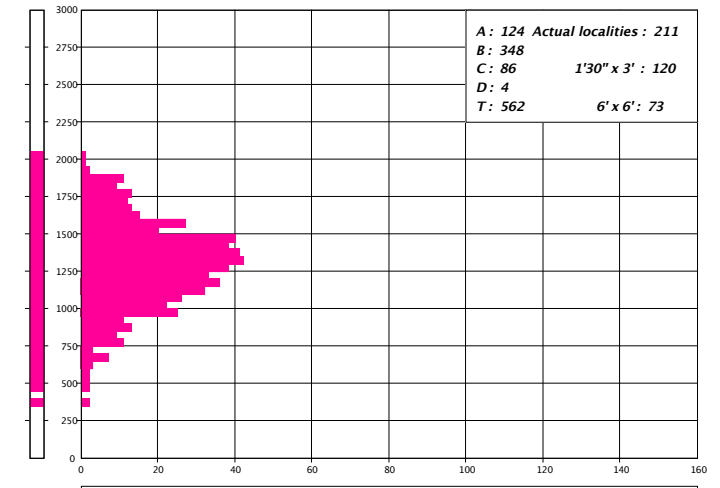
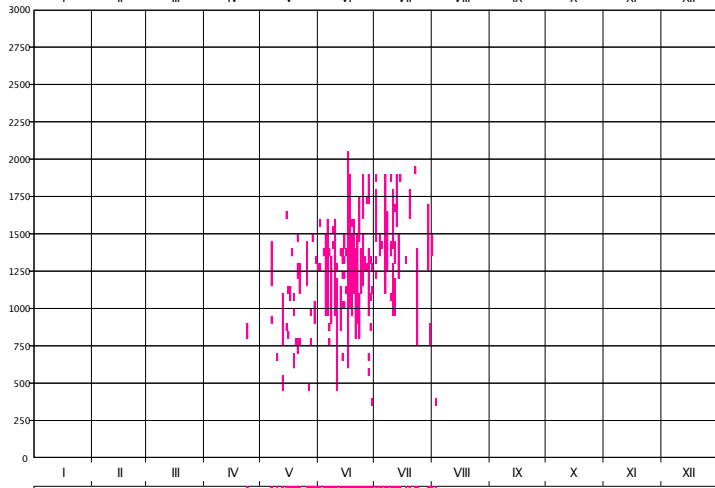
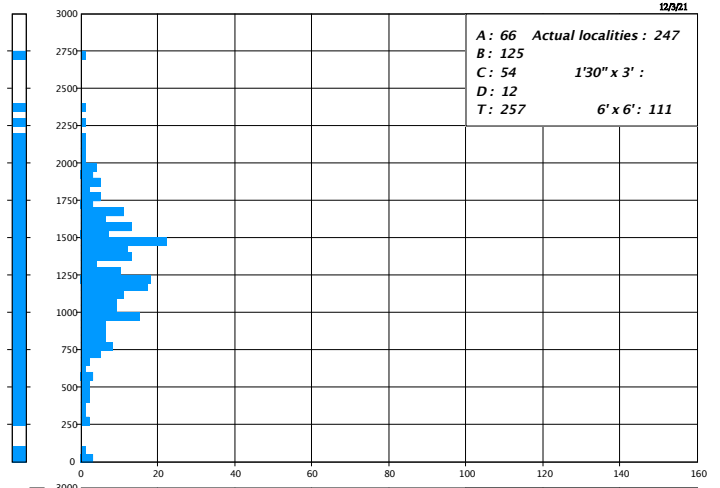
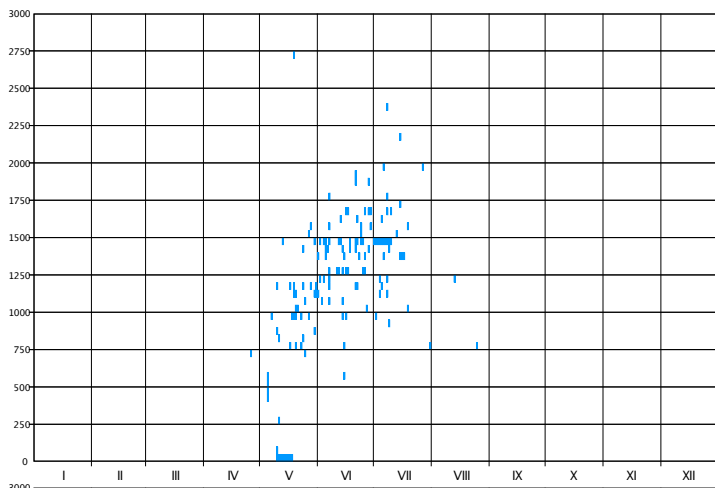
**NYMPHALIDAE *Brenthis daphne***



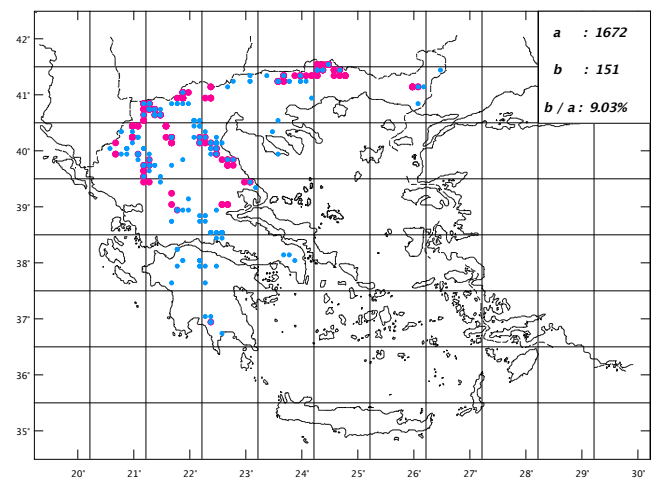
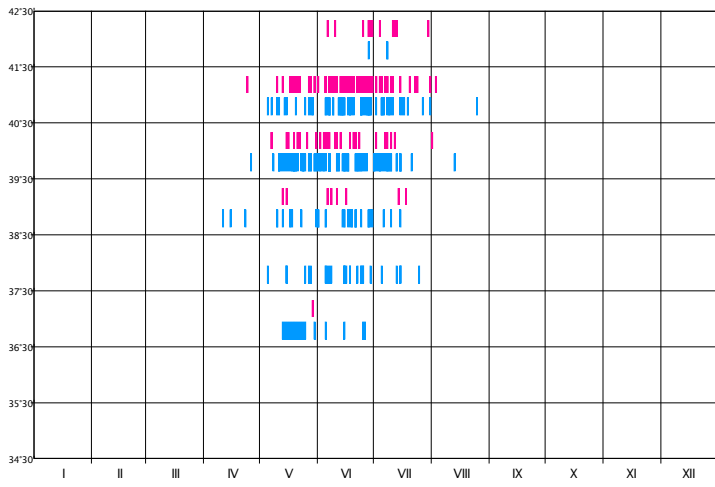


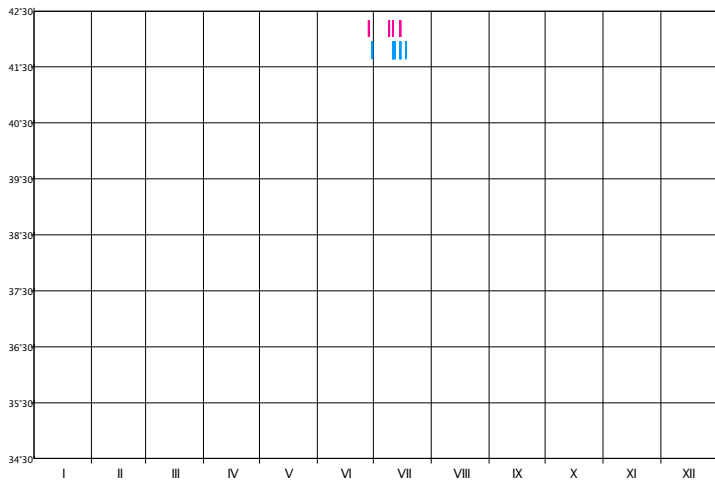
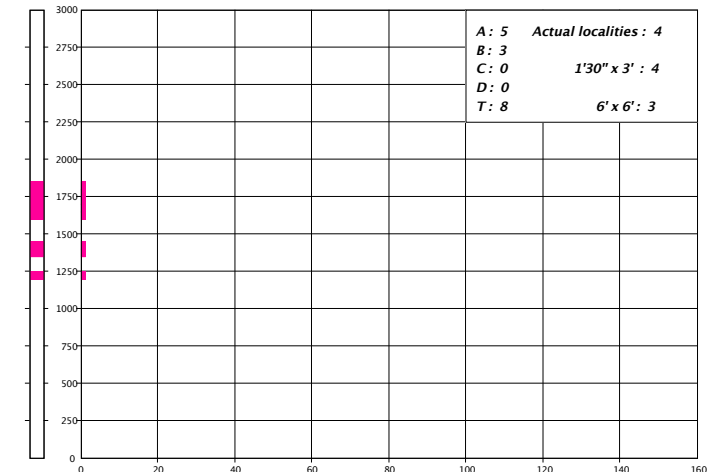
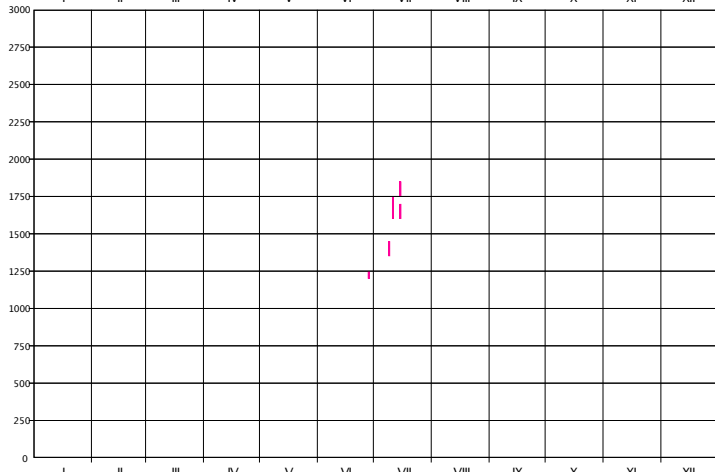
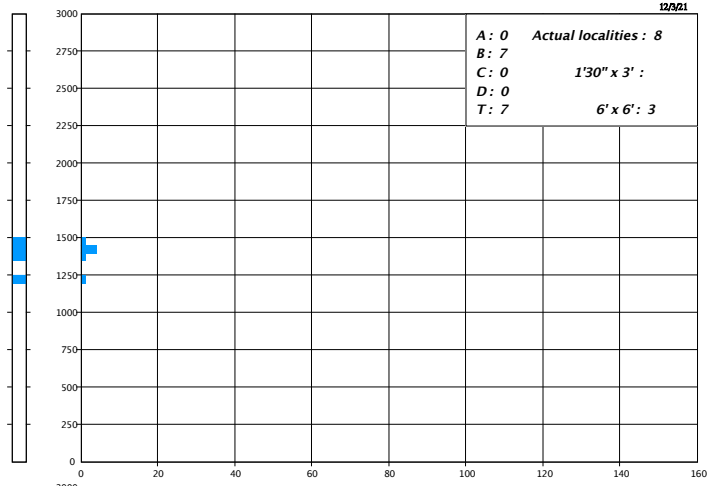
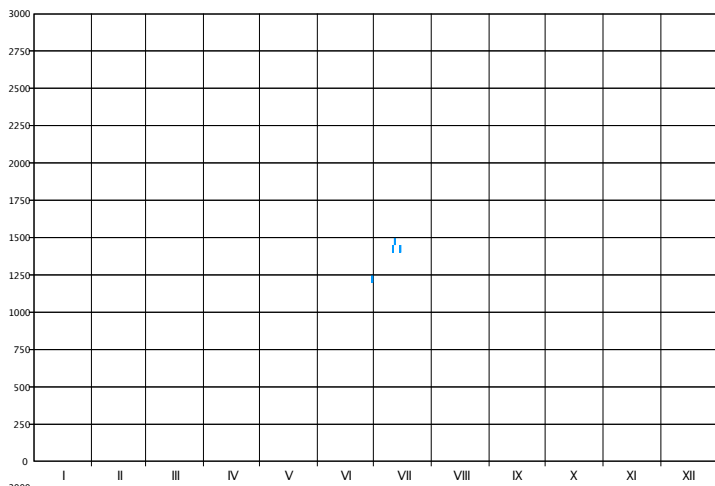
**NYMPHALIDAE *Boloria graeca***



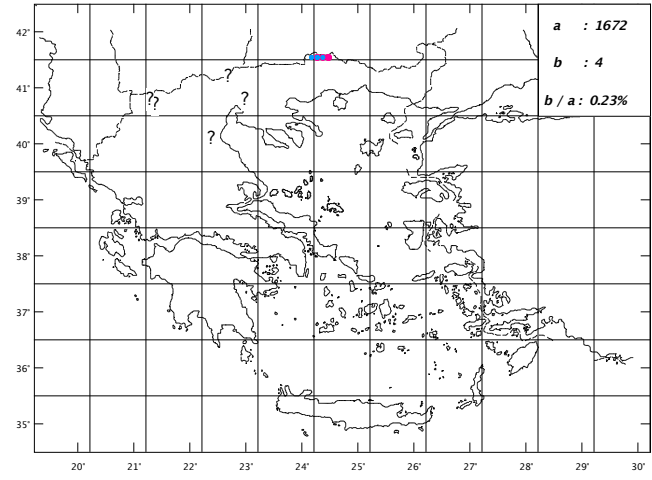


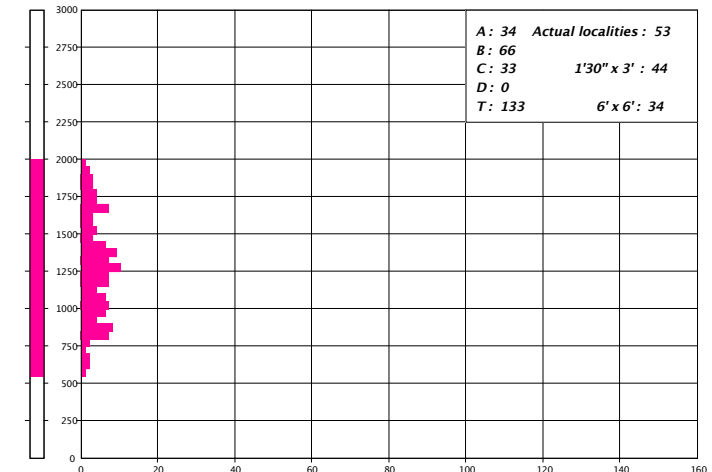
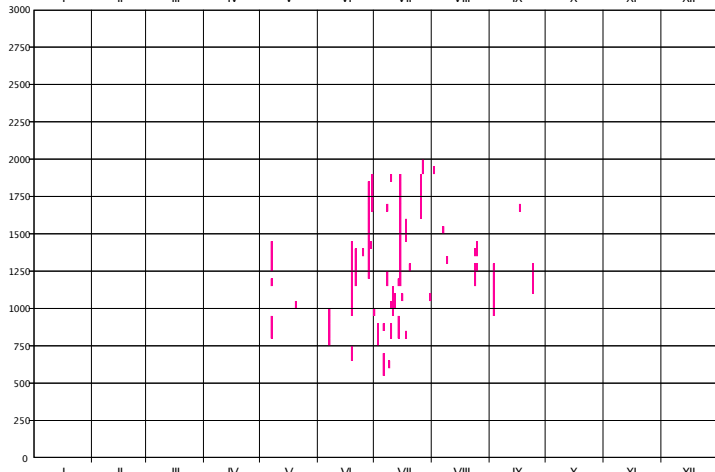
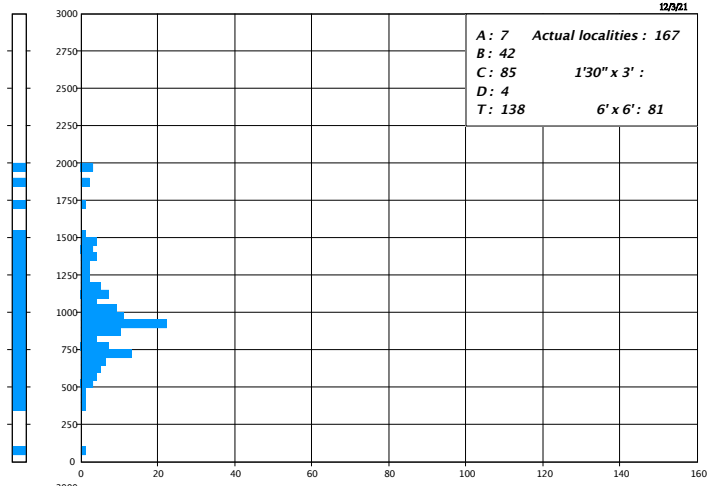
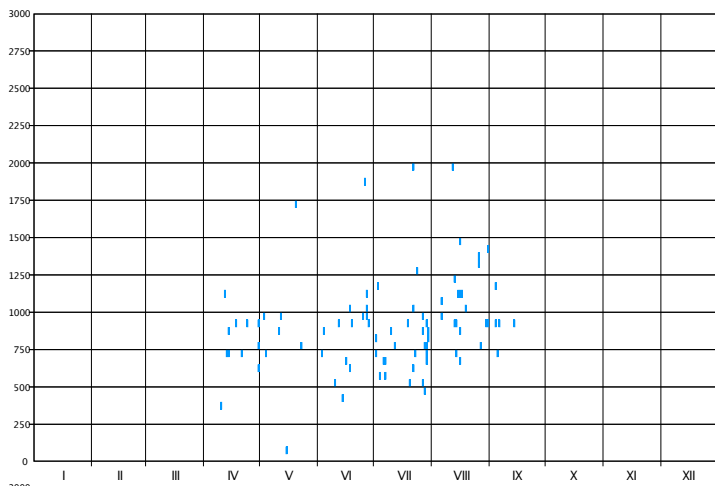
**NYMPHALIDAE *Boloria euphrosyne***



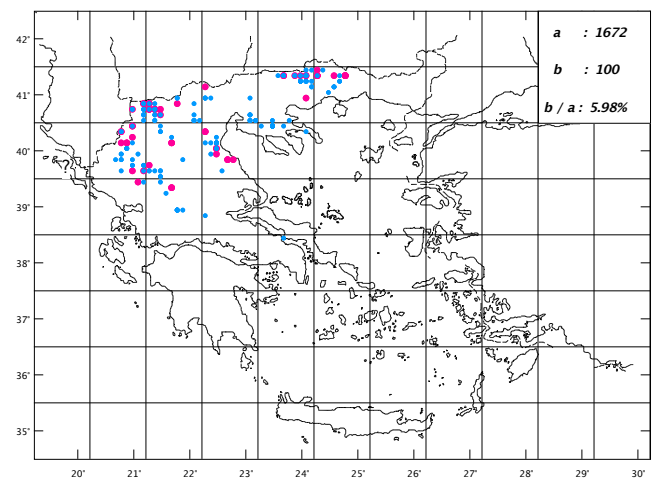
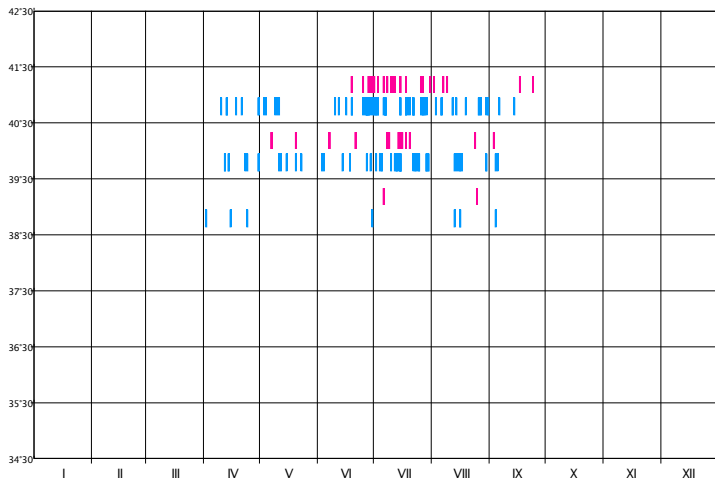


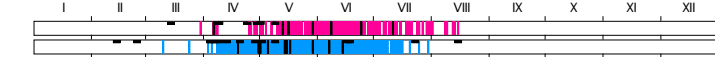
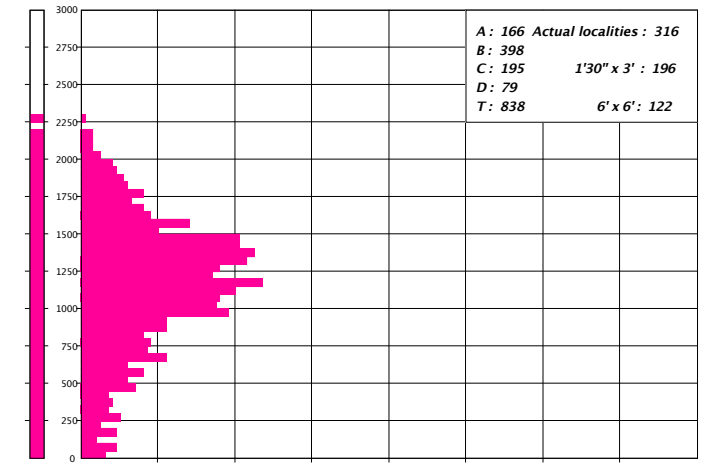
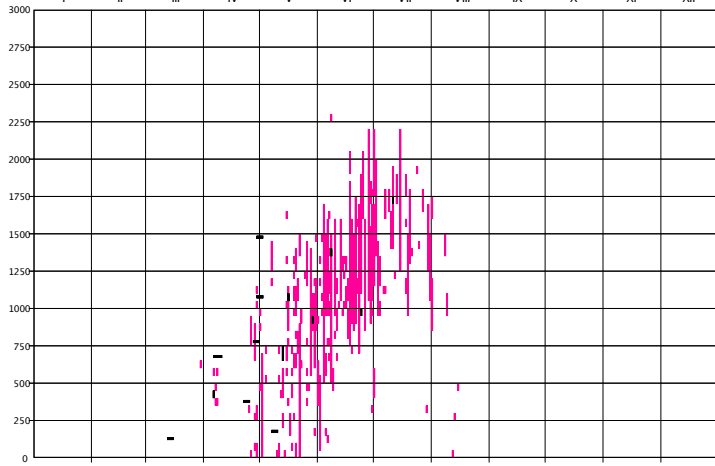
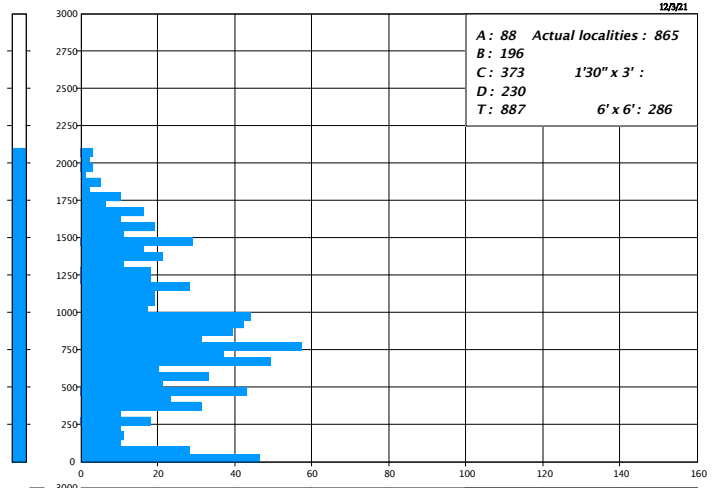
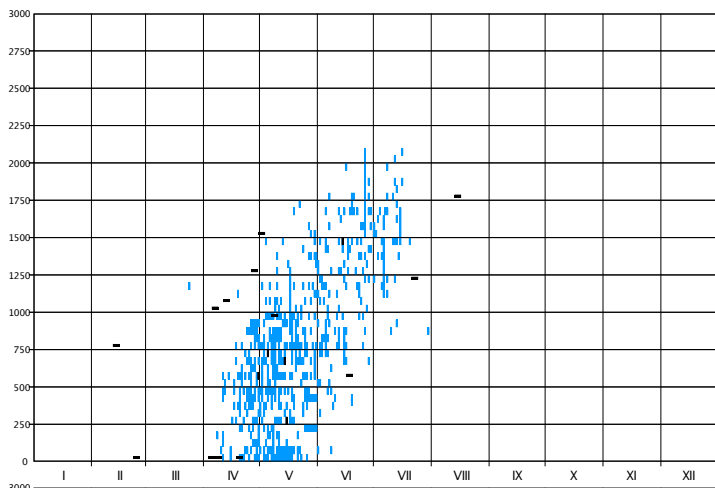
**Nymphalidae *Boloria selene***



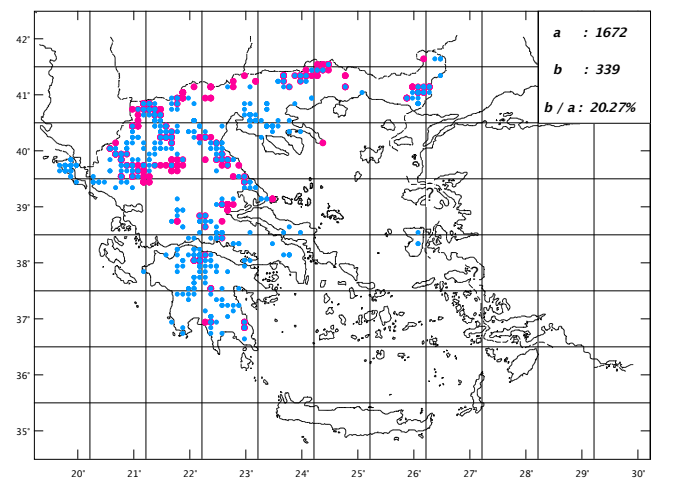
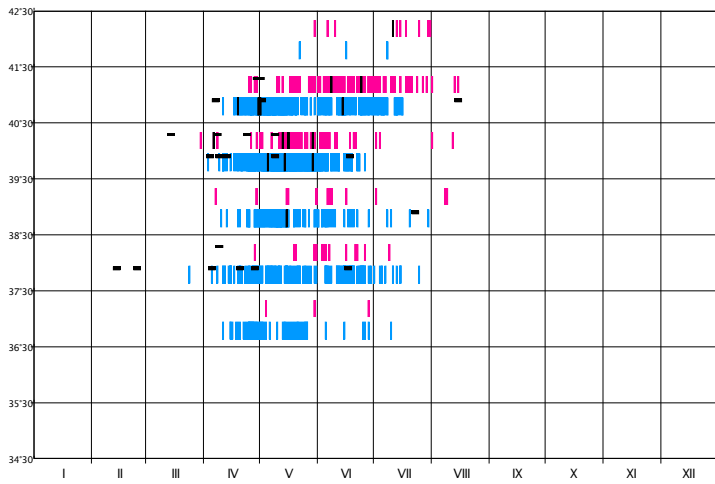


**NYMPHALIDAE *Boloria dia***

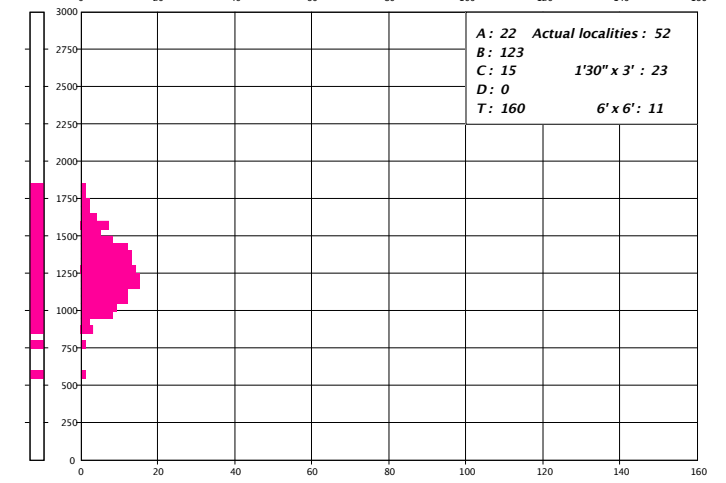
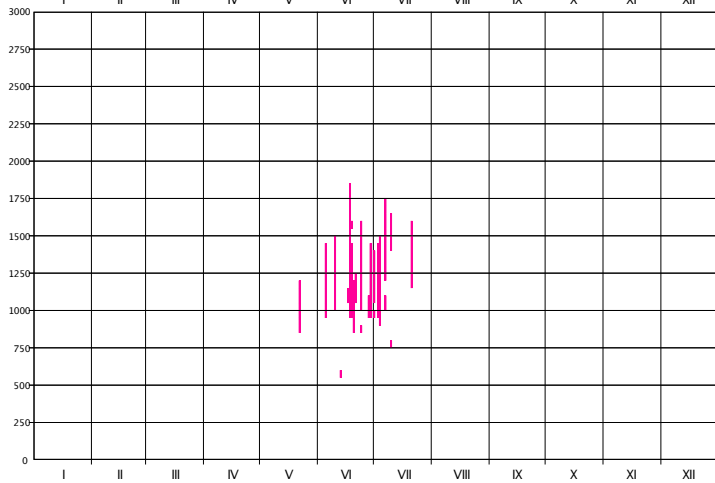
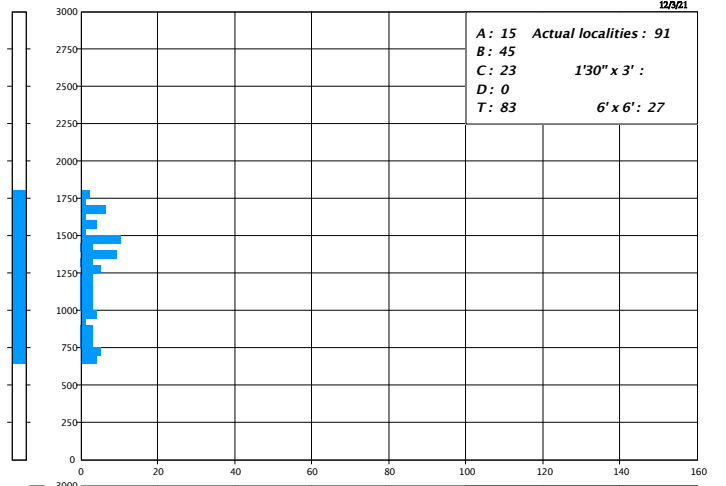
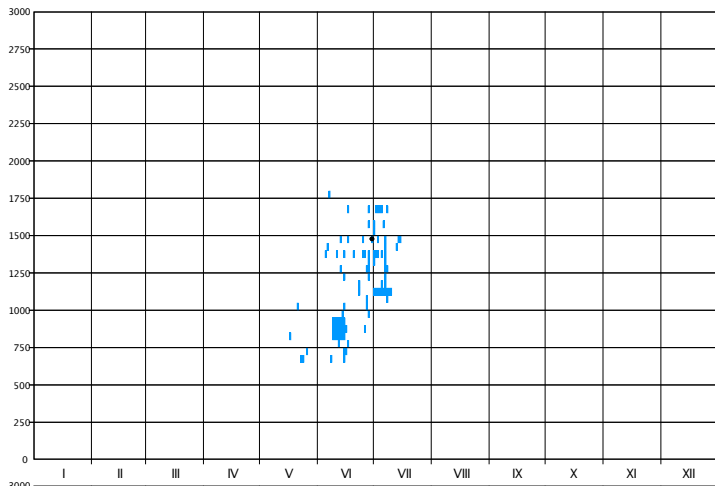




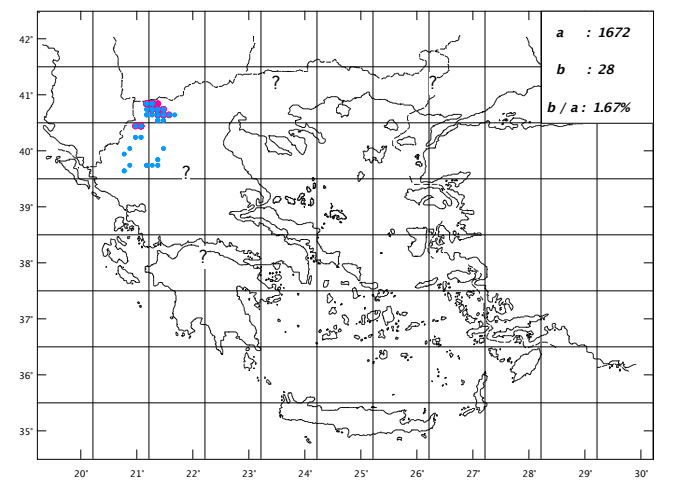
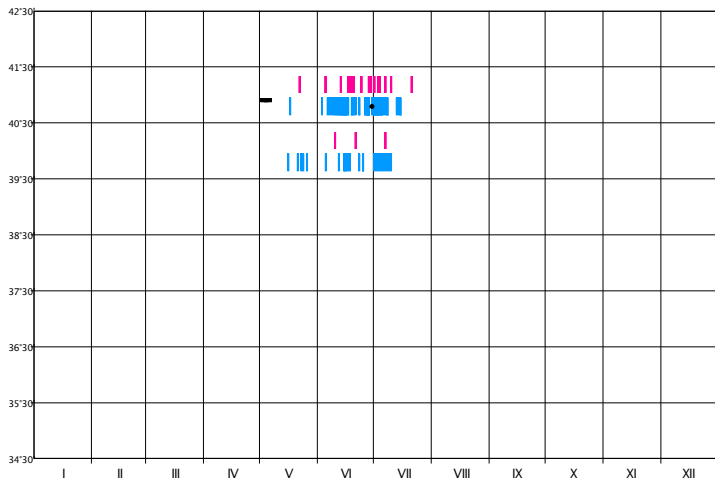
**NYMPHALIDAE *Melitaea cinxia***

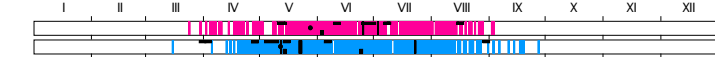
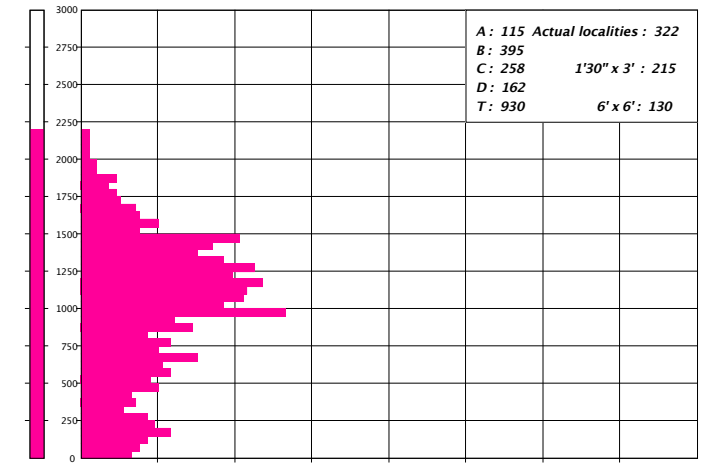
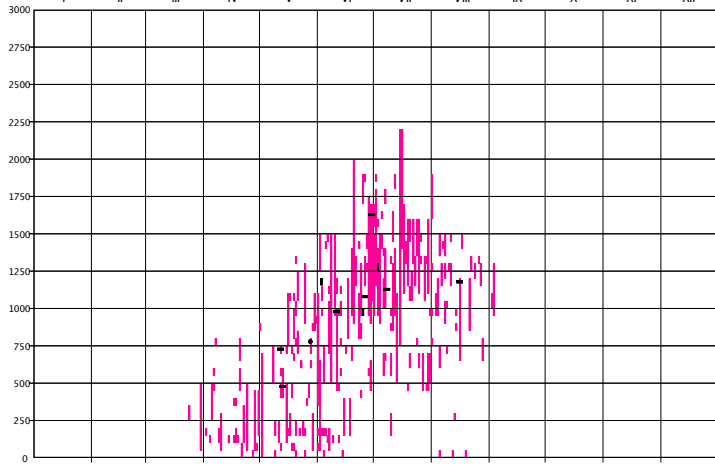
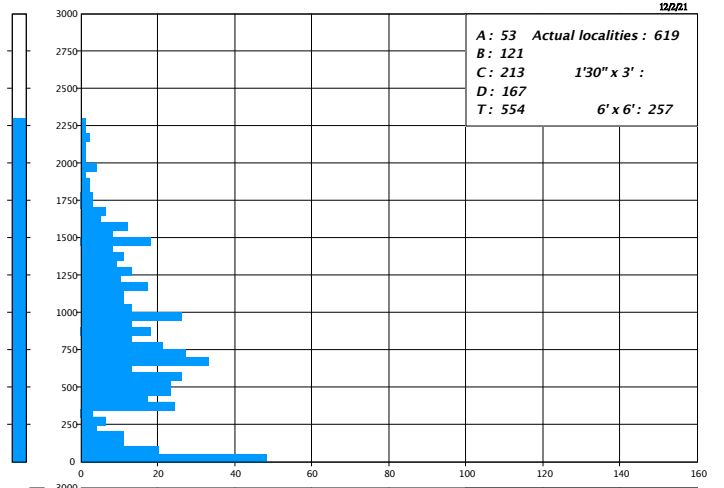
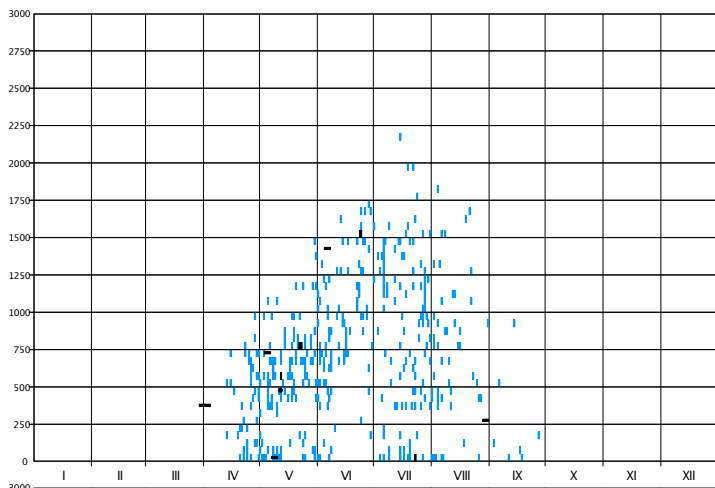




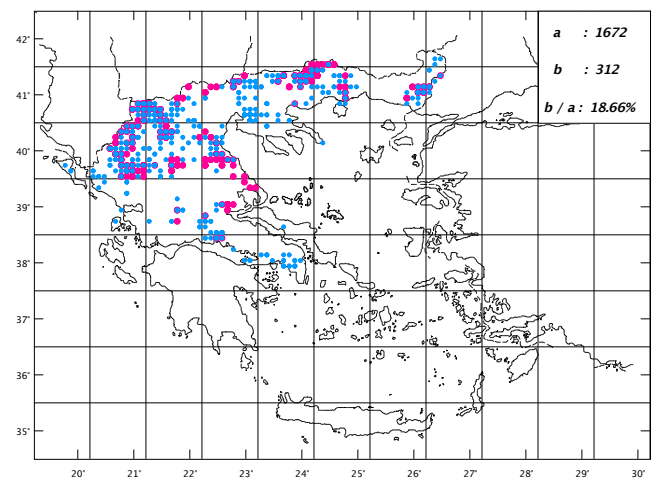
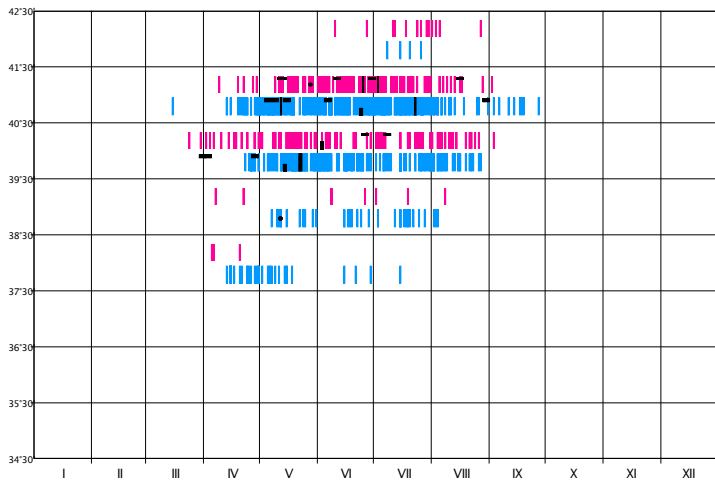


**NYMPHALIDAE *Melitaea arduinna***

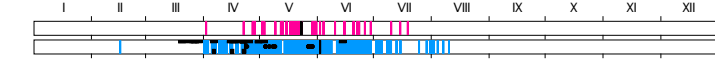
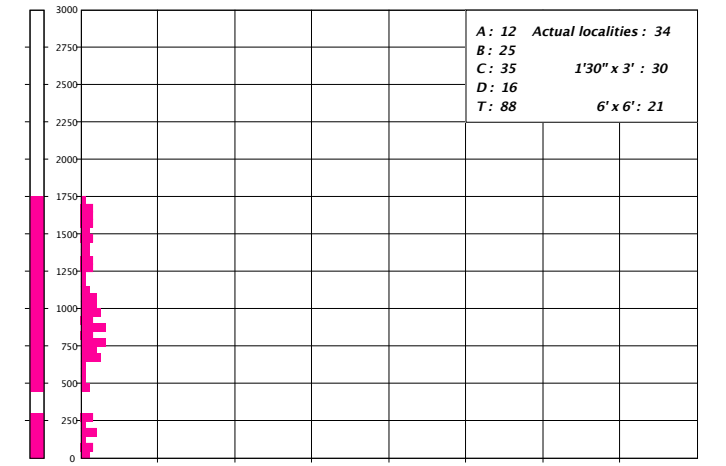
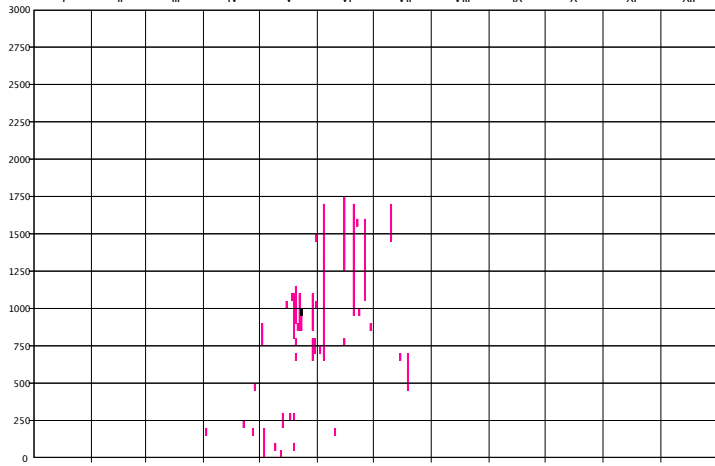
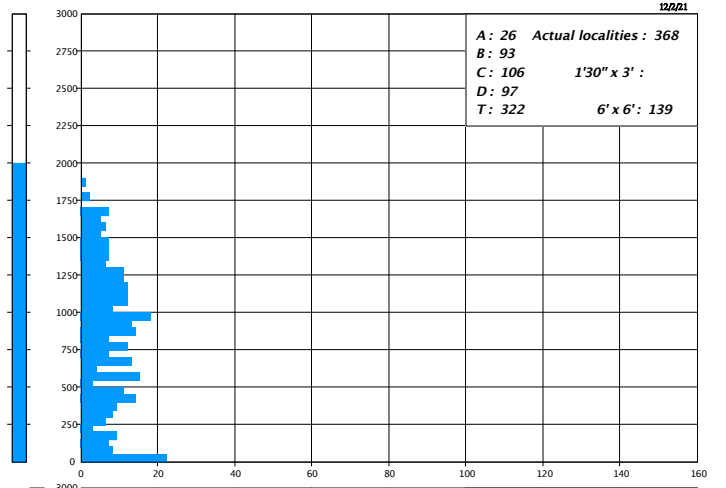
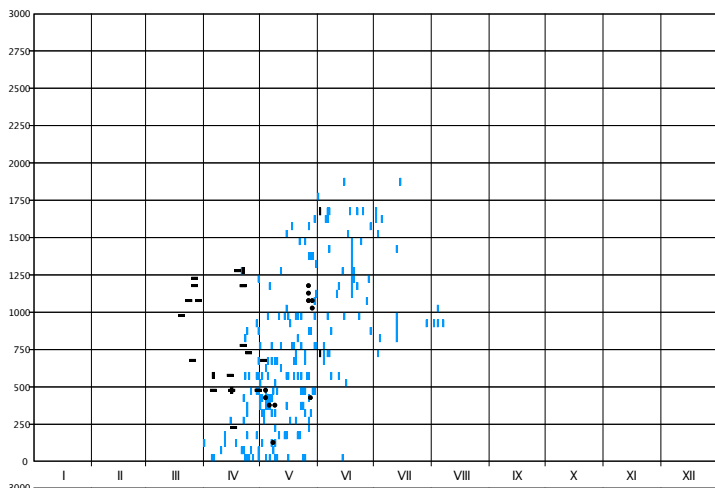




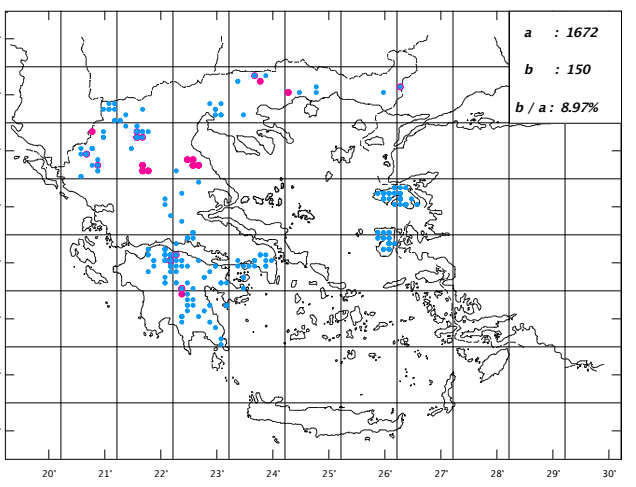
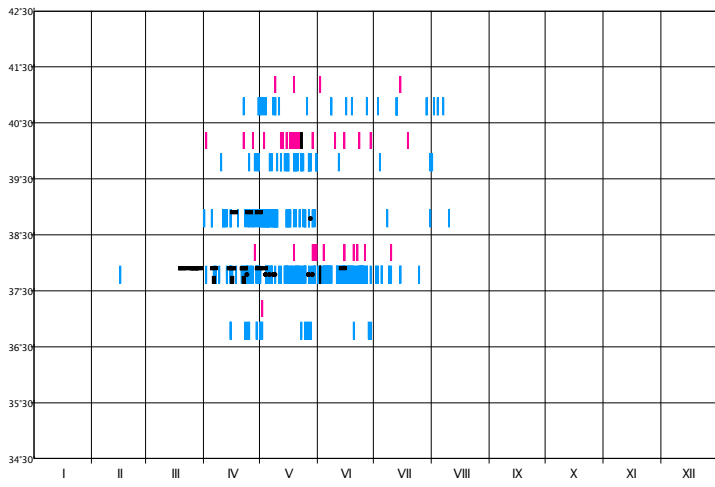
**NYMPHALIDAE *Melitaea phoebe***



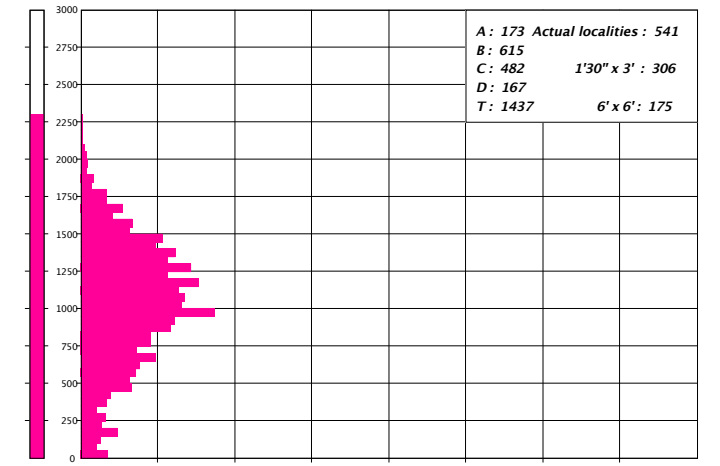
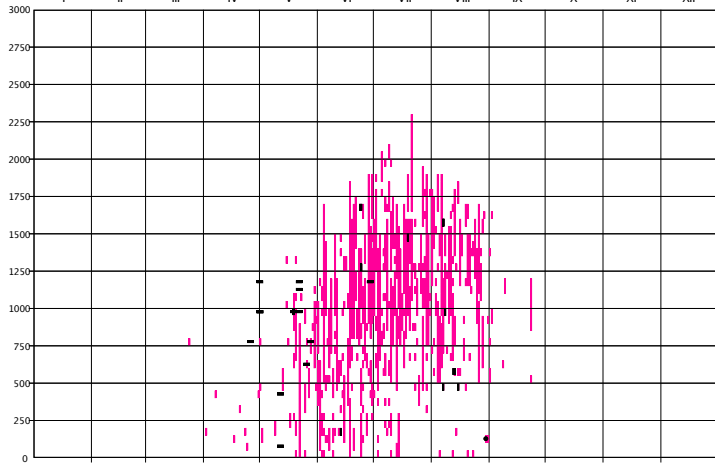
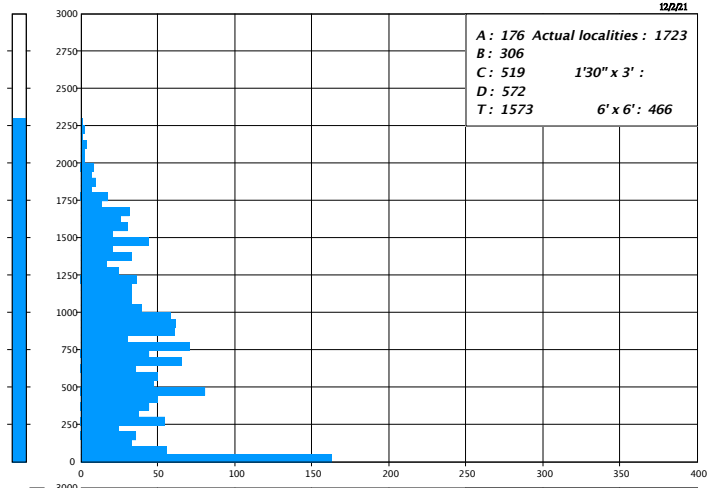
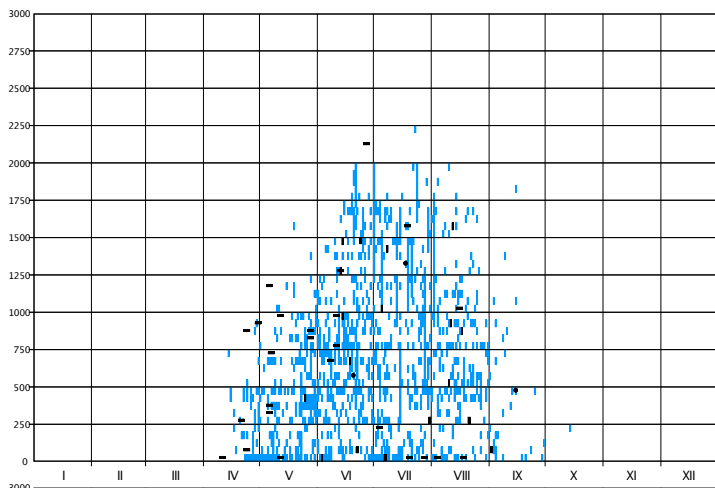
[https://www.pamperis.gr/PHOTOGRAPHS/Melitaea\\_phoebe,\\_Melitaea\\_ornata.html](https://www.pamperis.gr/PHOTOGRAPHS/Melitaea_phoebe,_Melitaea_ornata.html)



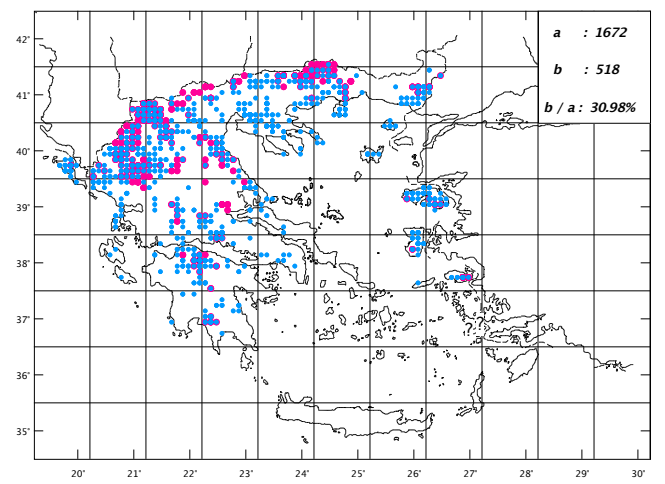
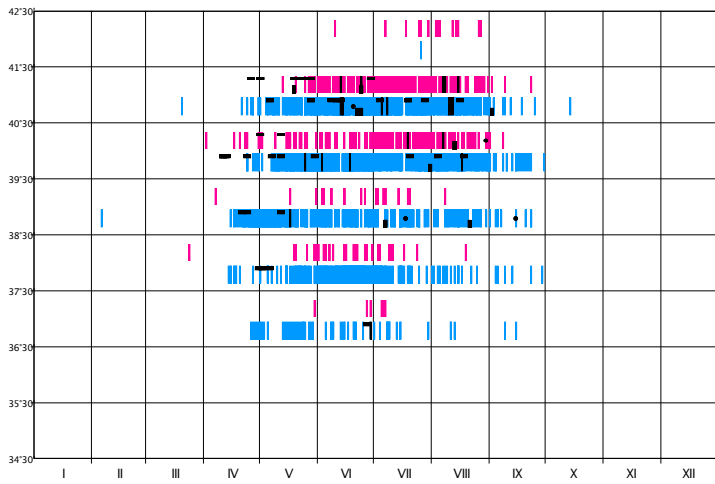
**NYPHALIDAE *Melitaea ornata***



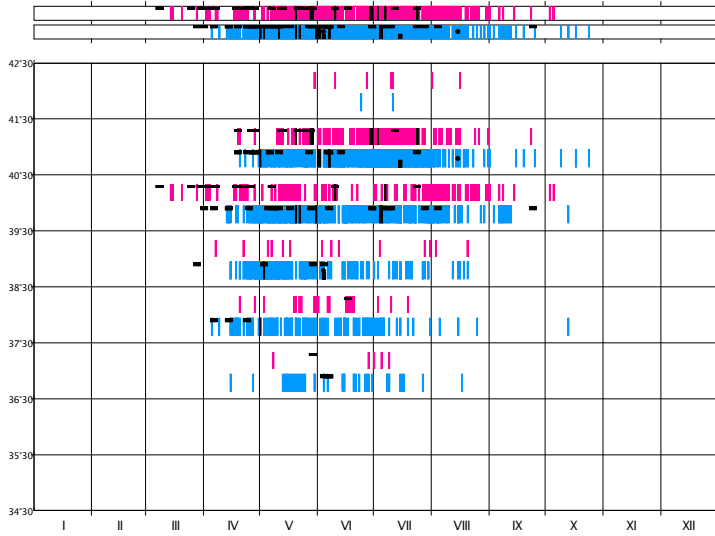
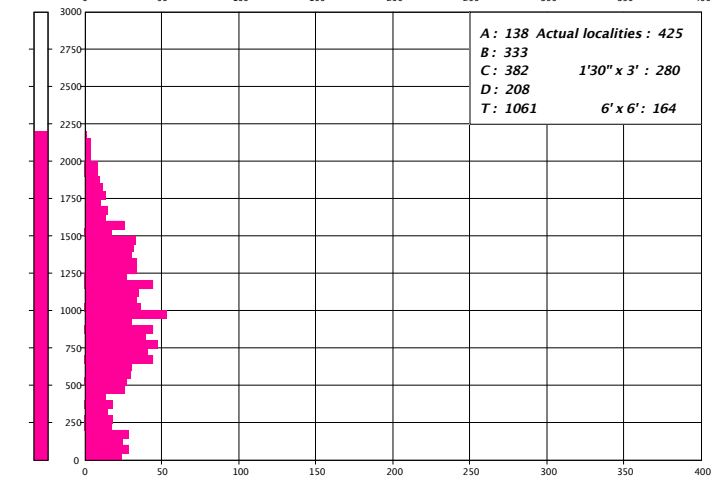
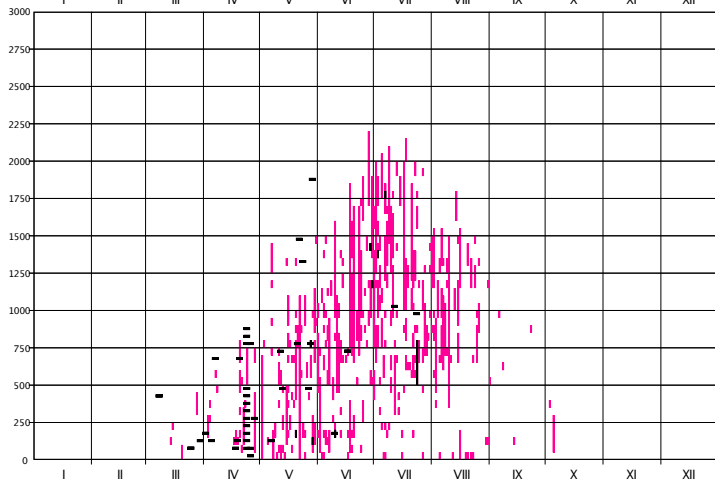
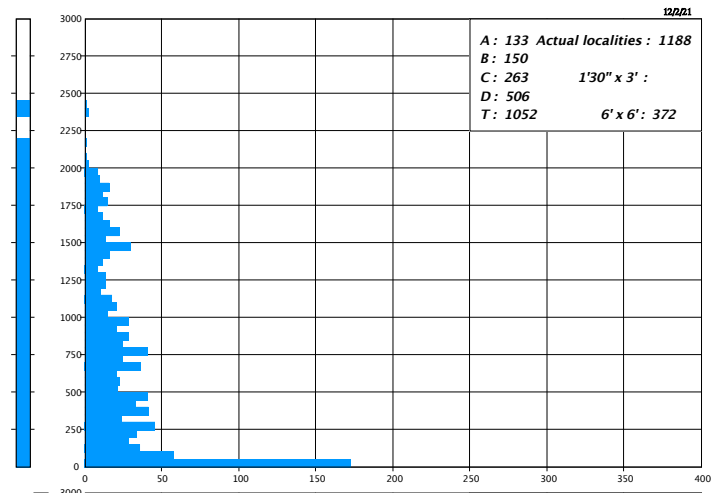
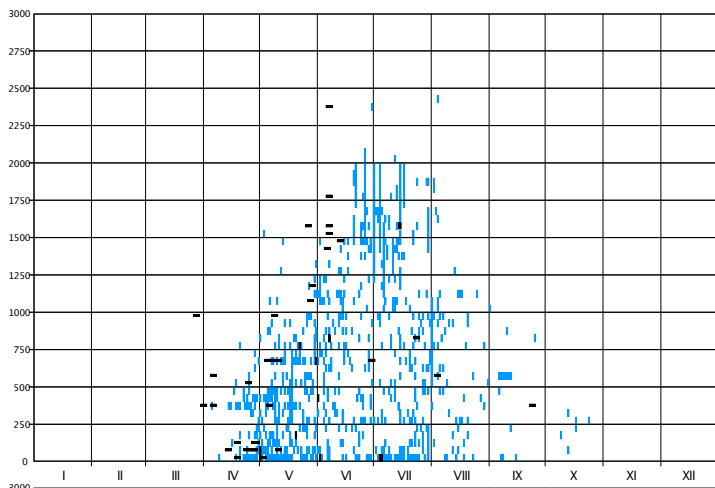
[https://www.pamperis.gr/PHOTOGRAPHS/Melitaea\\_phoebe,\\_Melitaea\\_ornata.html](https://www.pamperis.gr/PHOTOGRAPHS/Melitaea_phoebe,_Melitaea_ornata.html)



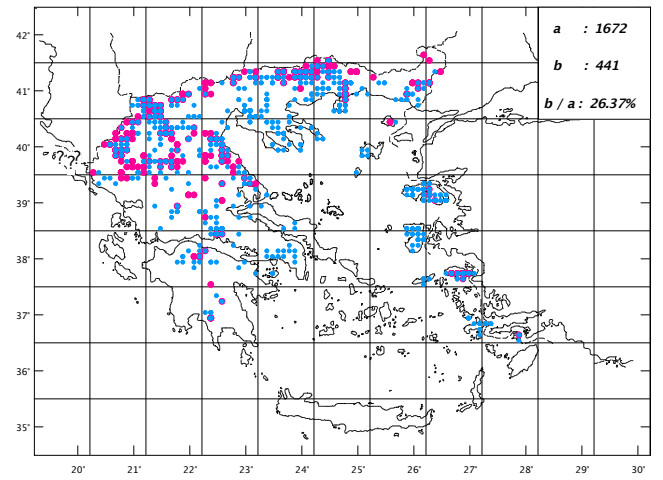
**NYMPHALIDAE *Melitaea didyma***



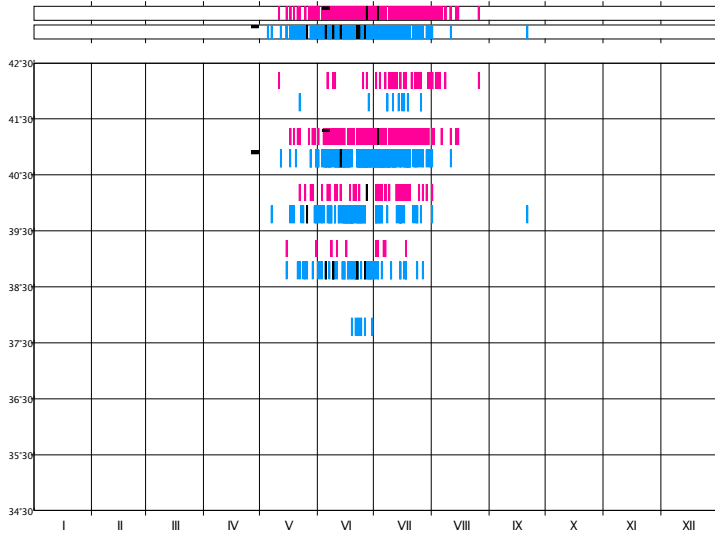
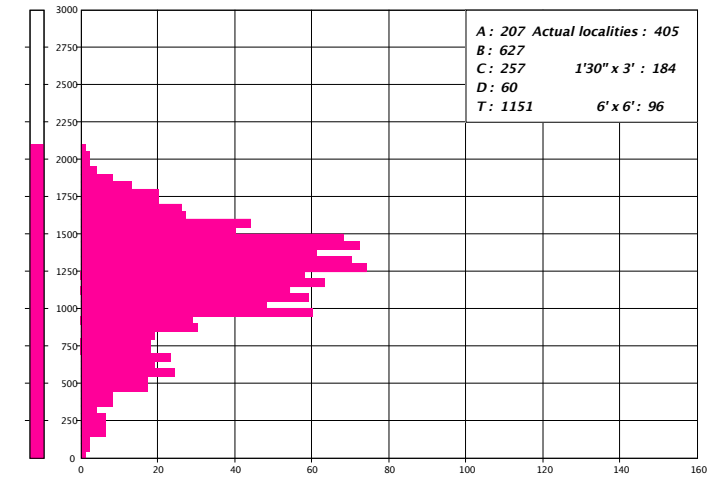
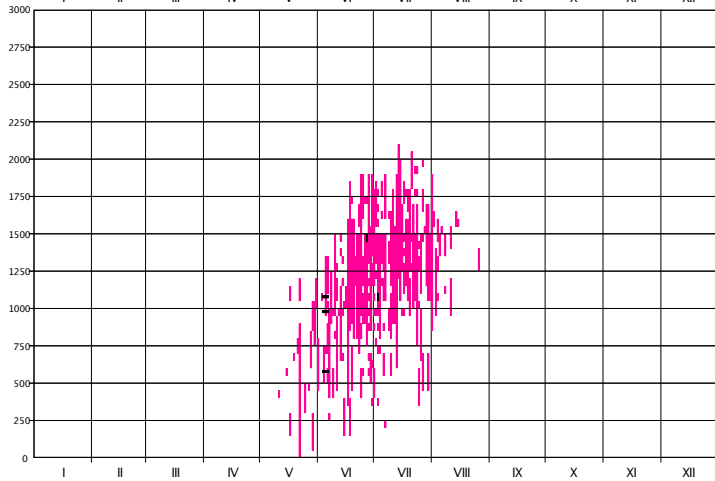
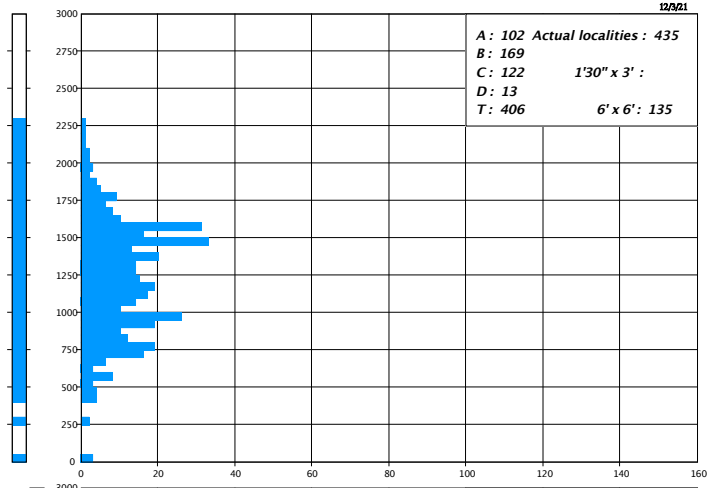
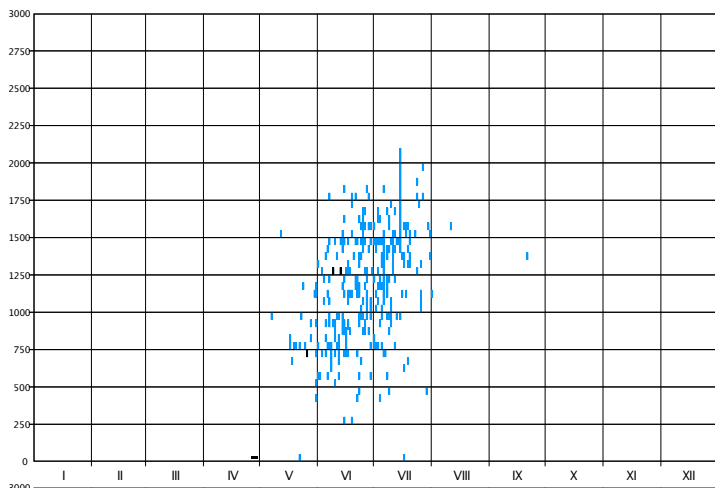
[http://www.pamperis.gr/PHOTOGRAPHS/Melitaea\\_didyma,\\_Melitaea\\_trivia.html](http://www.pamperis.gr/PHOTOGRAPHS/Melitaea_didyma,_Melitaea_trivia.html)



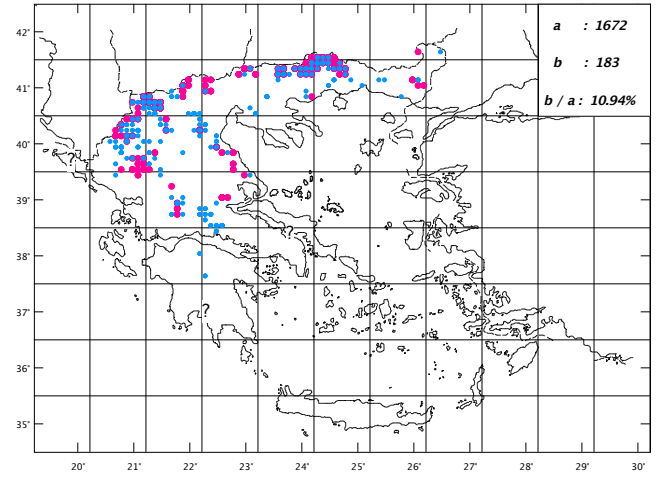
**NYMPHALIDAE *Melitaea trivia***



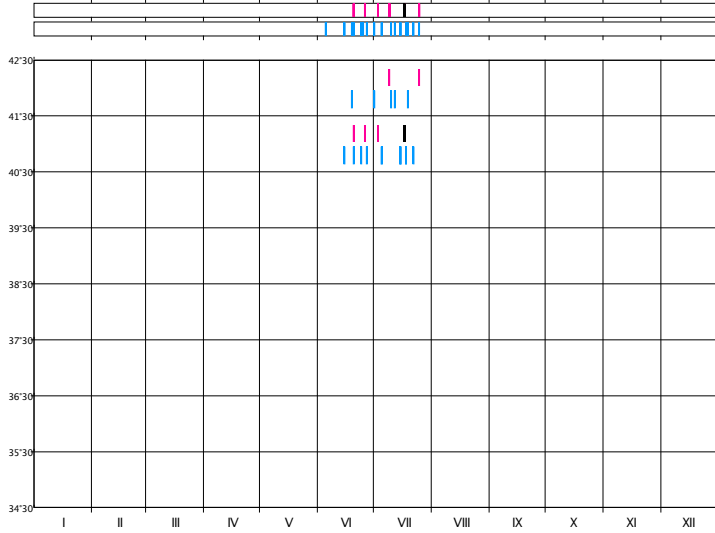
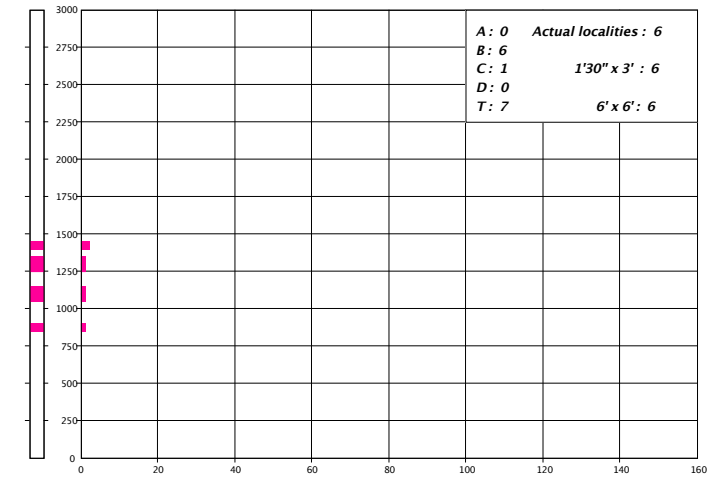
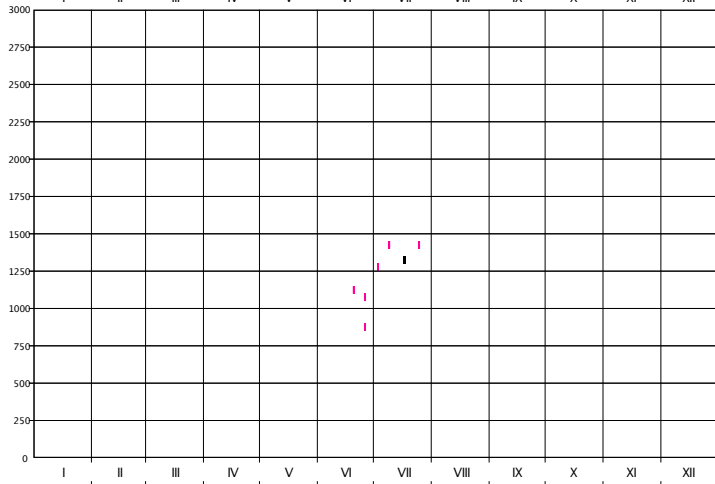
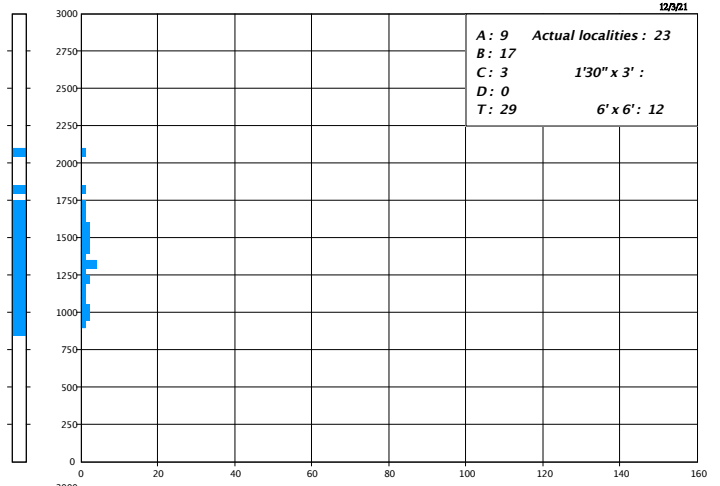
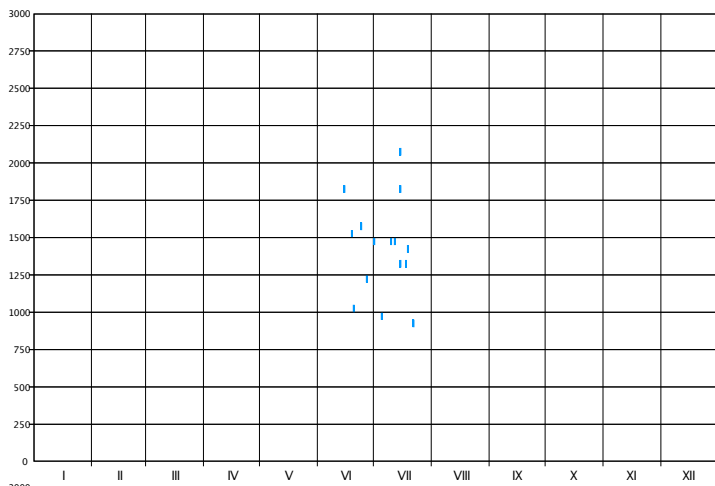
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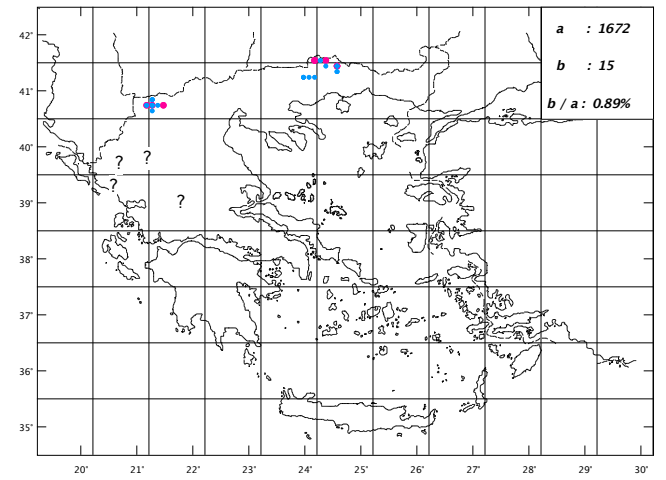
**NYMPHALIDAE *Melitaea athalia***



[http://www.pamperis.gr/PHOTOGRAPHS/Melitaea\\_athalia\\_aurelia\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Melitaea_athalia_aurelia_complex.html)

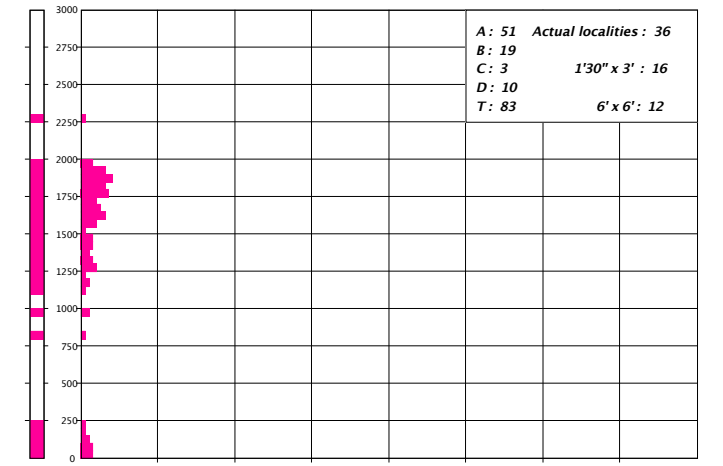
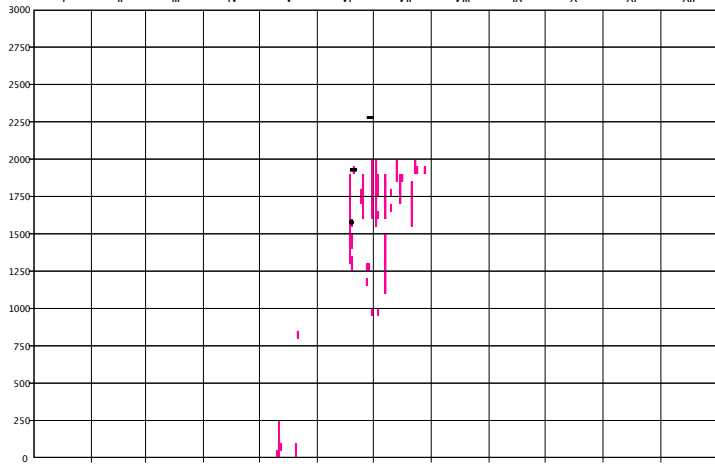
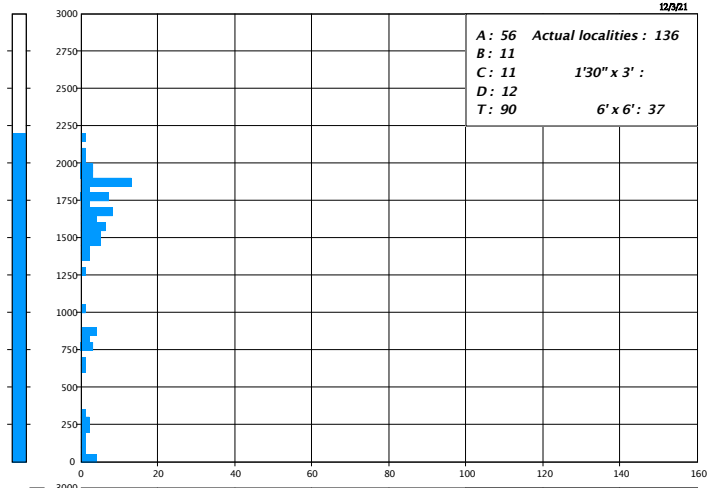
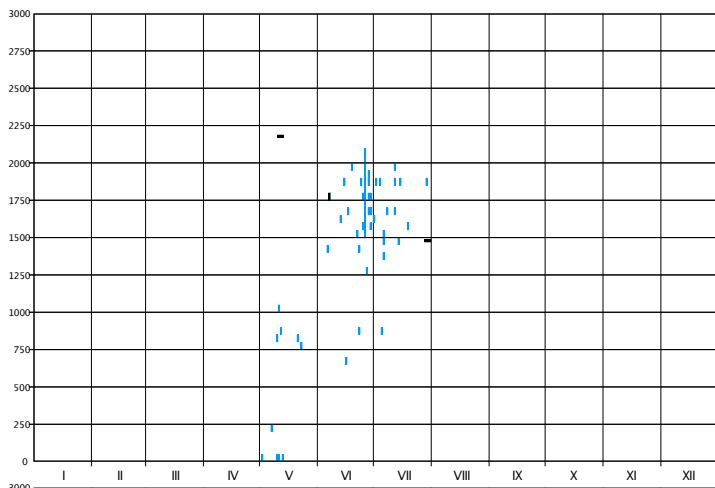


**NYMPHALIDAE *Melitaea aurelia***

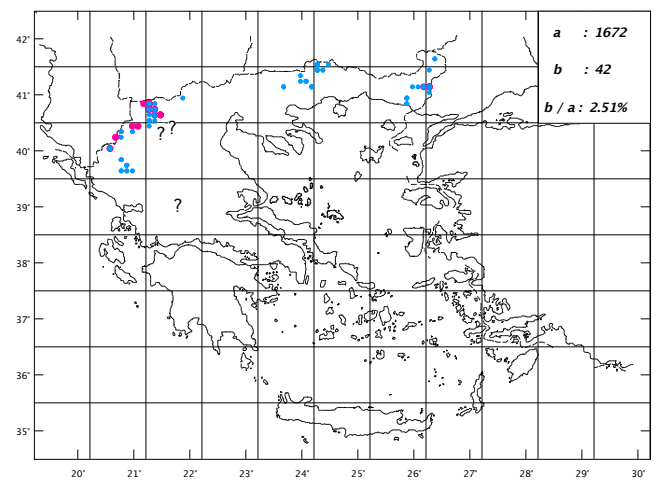
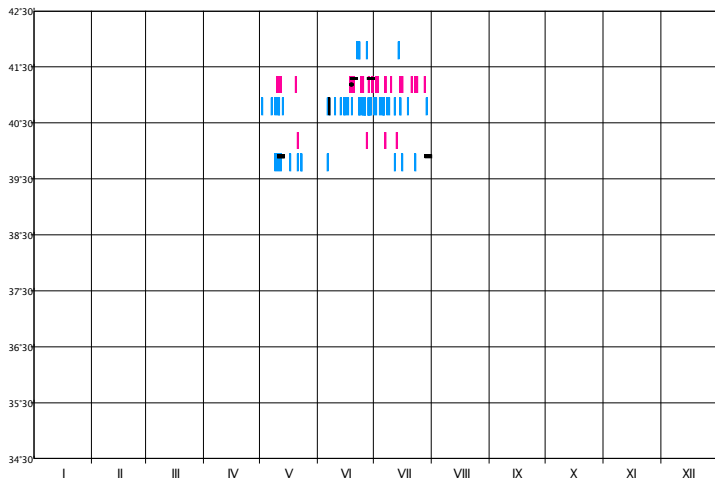


**Αμφίβολη αναγνώριση / Identification Uncertain**

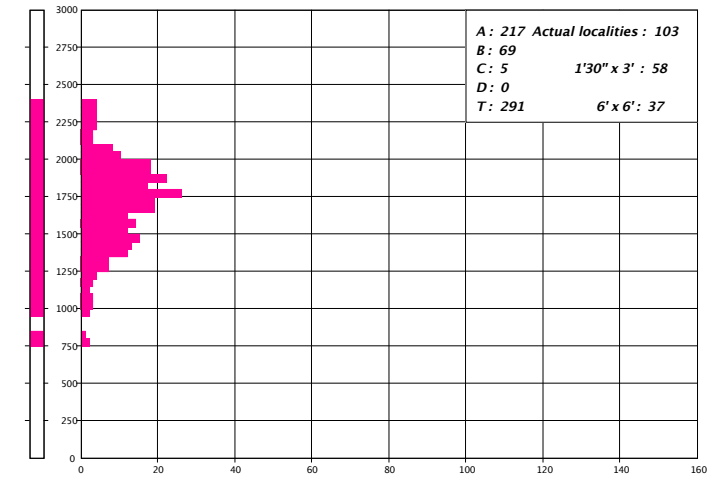
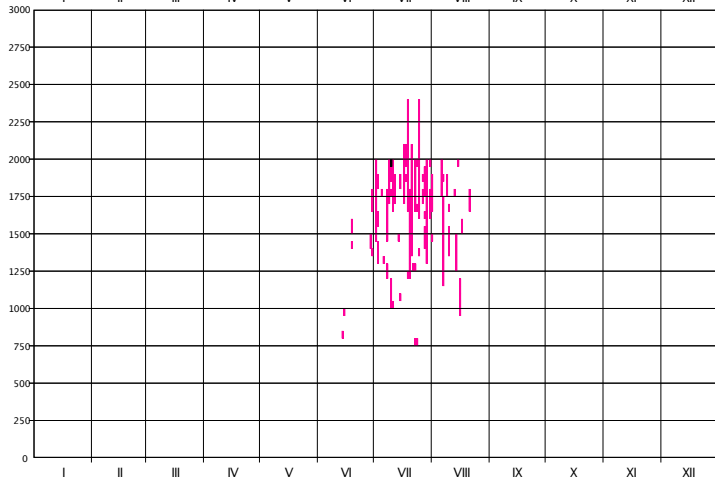
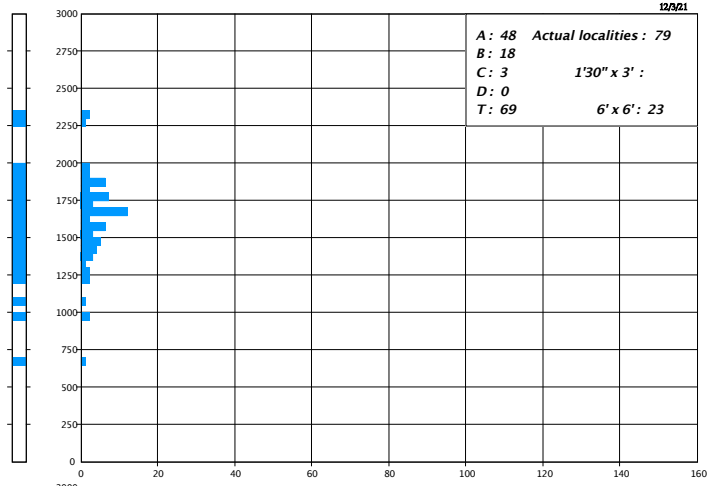
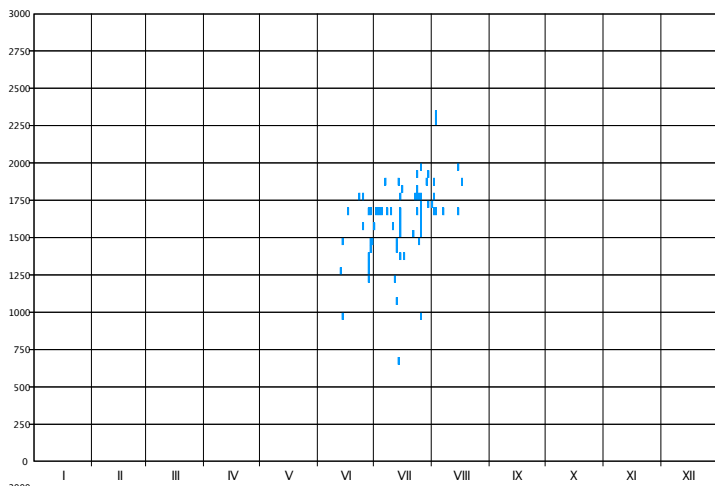
[http://www.pamperis.gr/PHOTOGRAPHS/Melitaea\\_athalia\\_aurelia\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Melitaea_athalia_aurelia_complex.html)



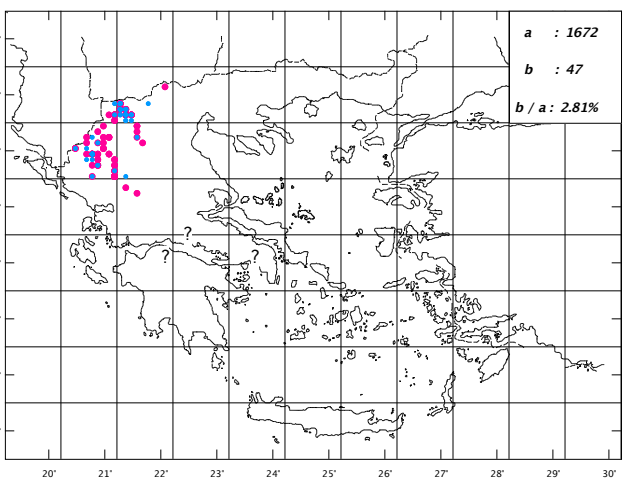
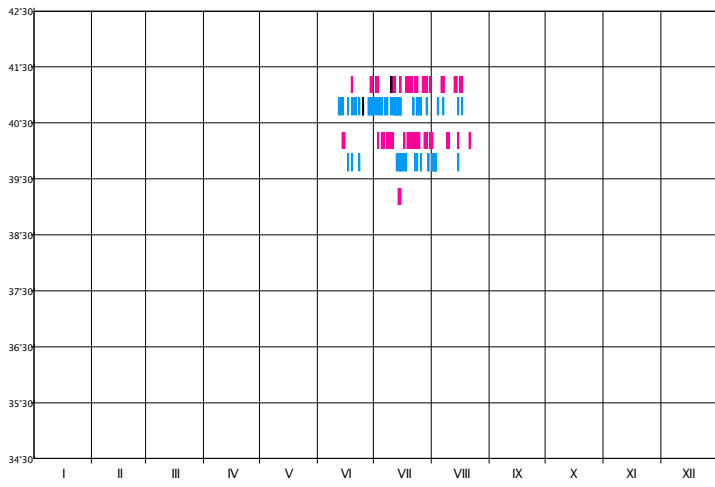
**NYMPHALIDAE *Euphydryas aurinia***

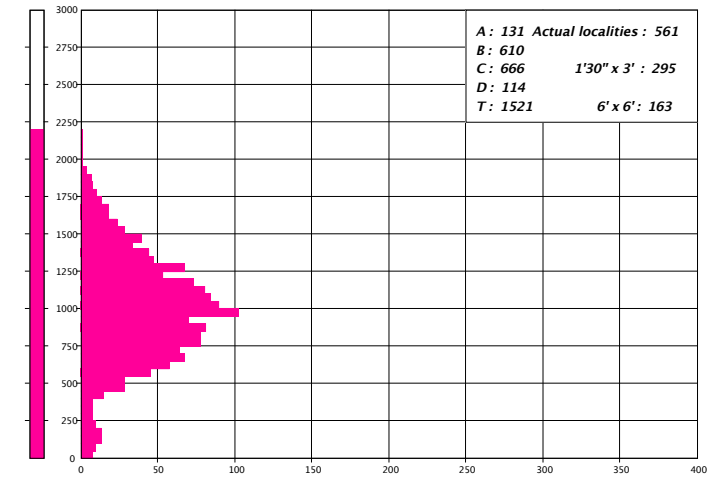
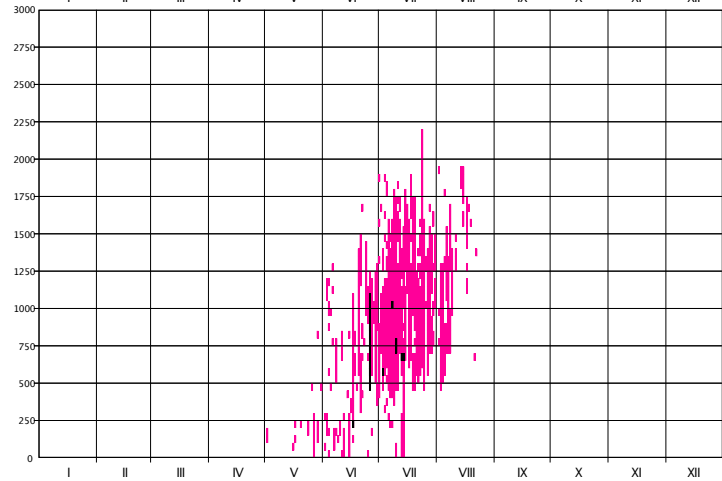
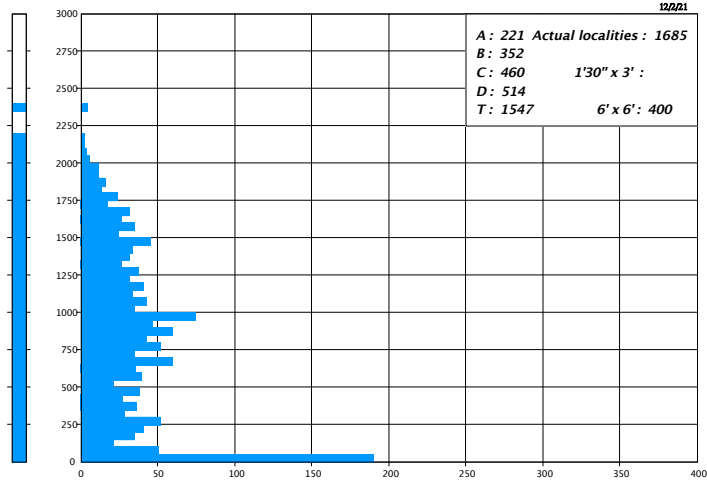
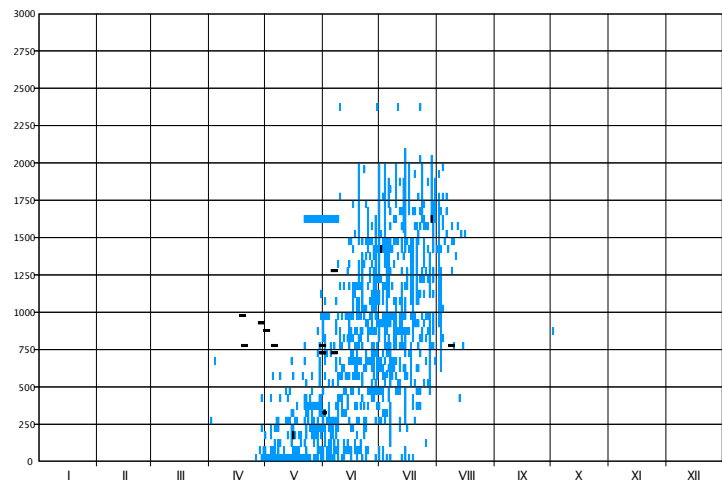




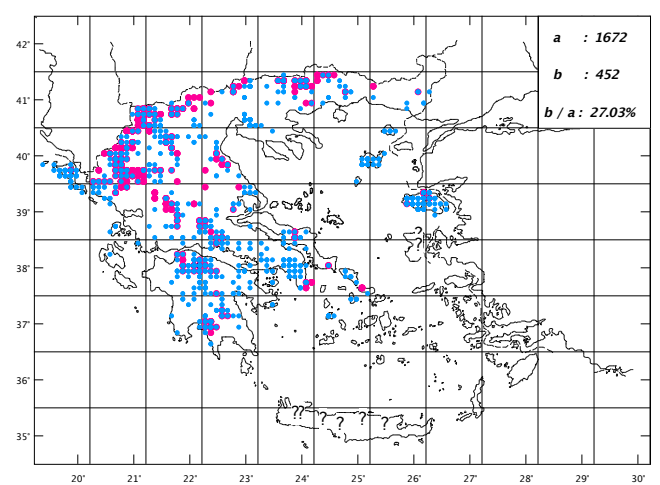
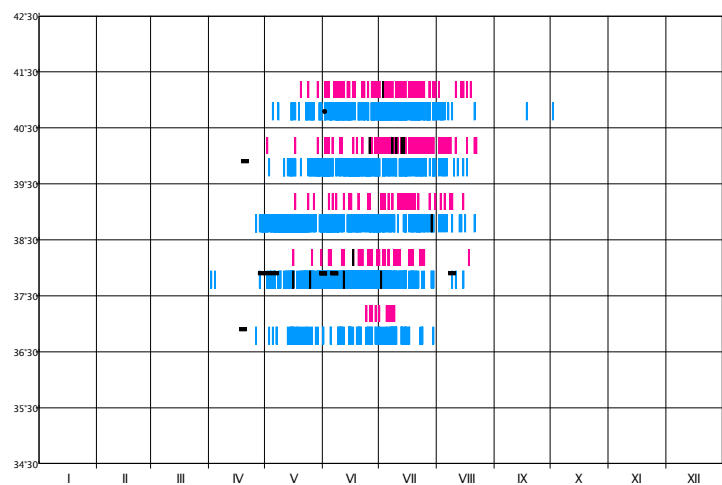


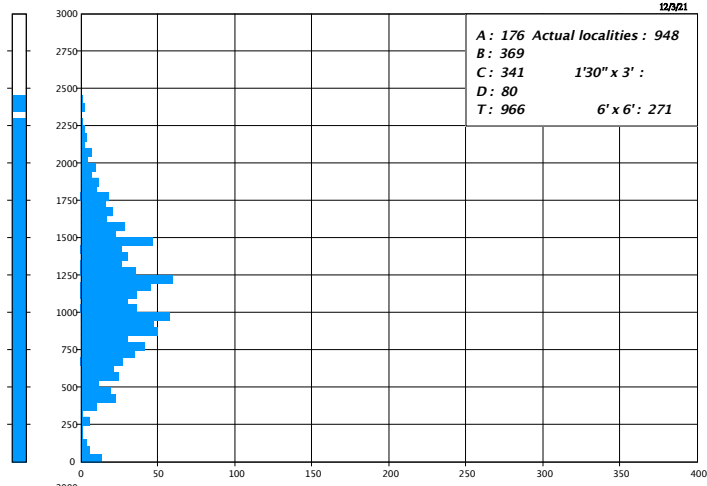
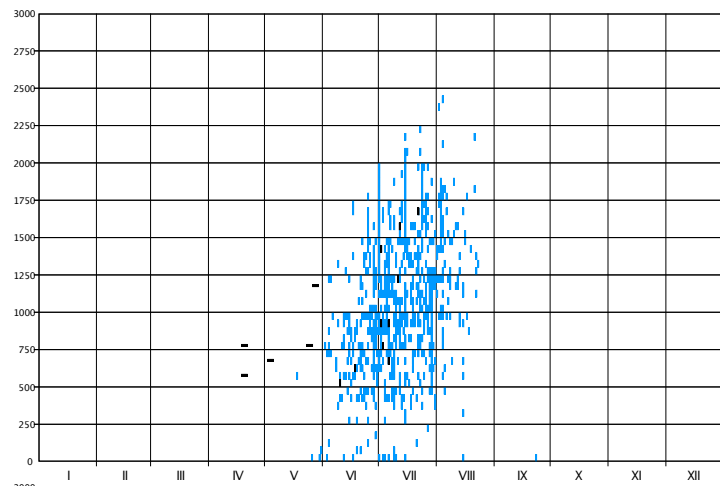
**SATYRIDAE *Melanargia russiae***



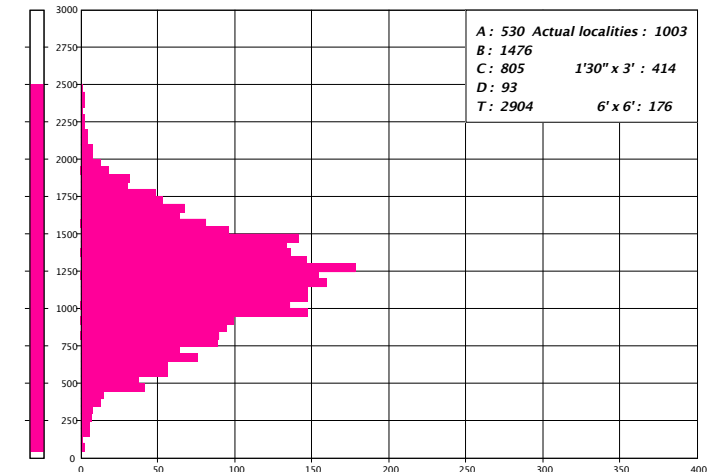
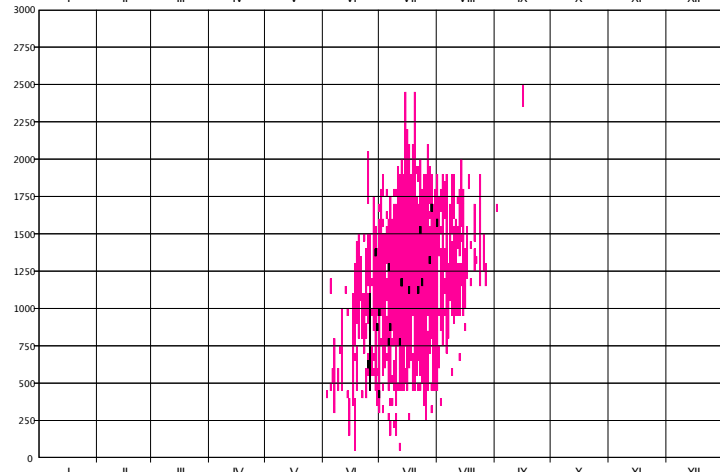


**SATYRIDAE *Melanargia larissa***





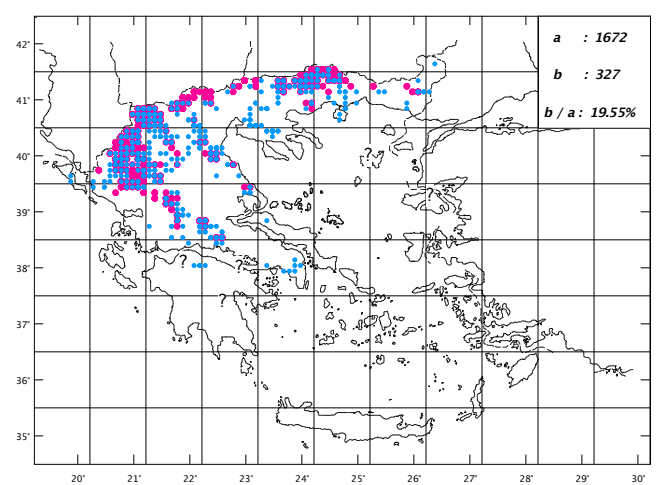
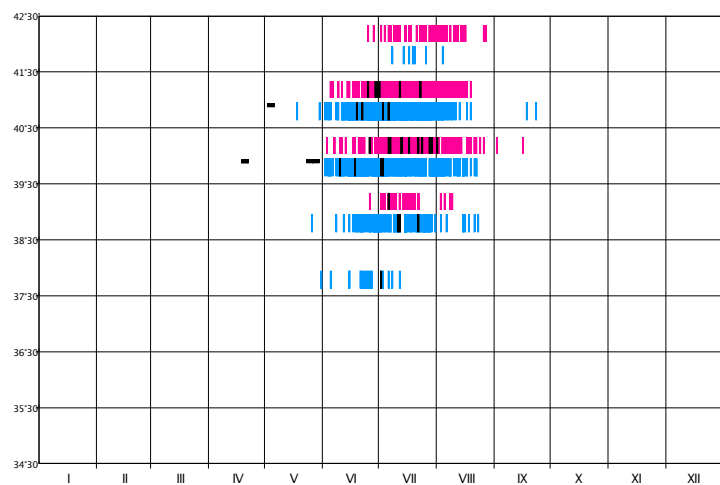
A : 176 Actual localities : 948  
 B : 369  
 C : 341 1'30" x 3' :  
 D : 80  
 T : 966 6' x 6' : 271



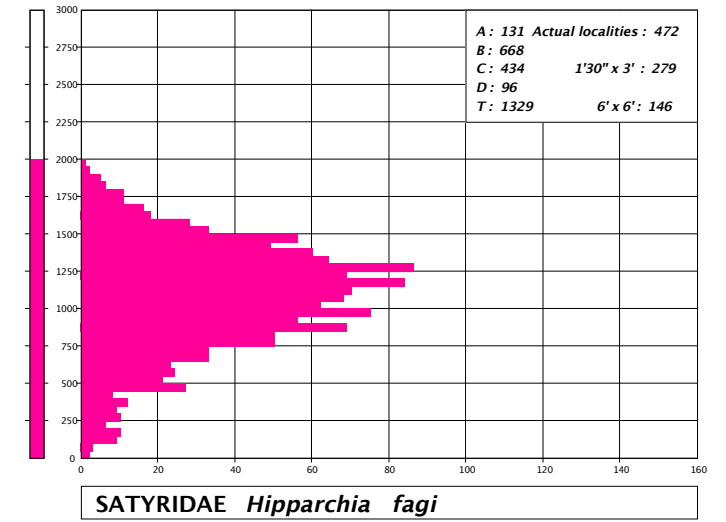
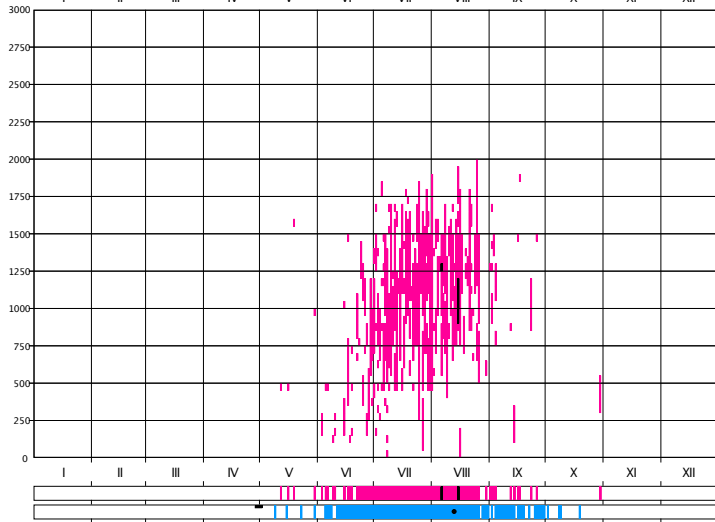
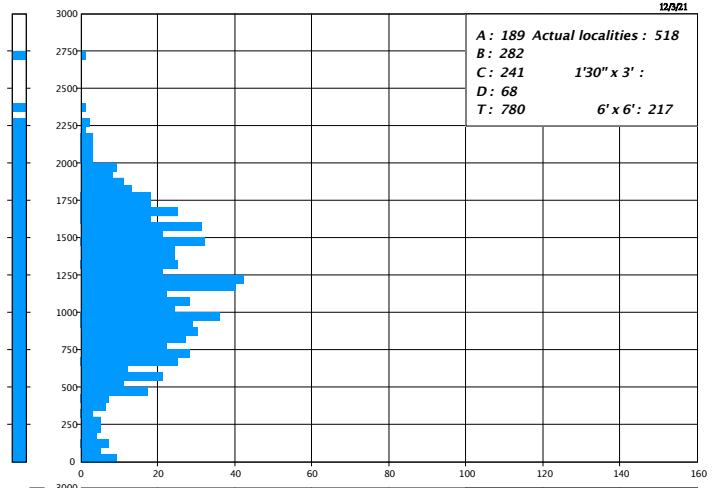
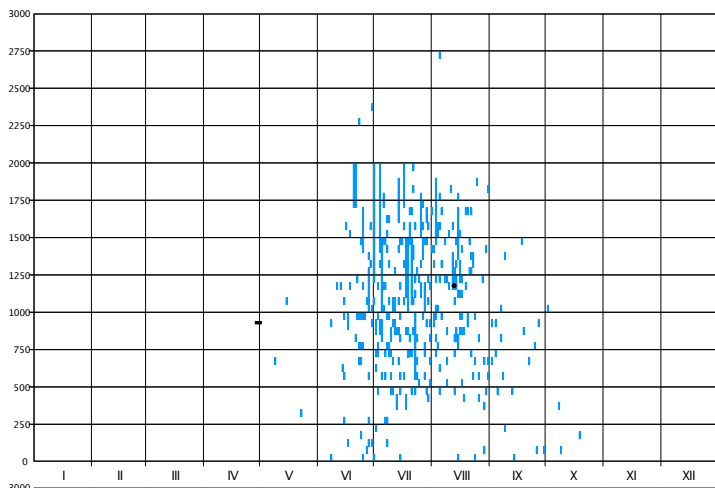
A : 530 Actual localities : 1003  
 B : 1476  
 C : 805 1'30" x 3' : 414  
 D : 93  
 T : 2904 6' x 6' : 176



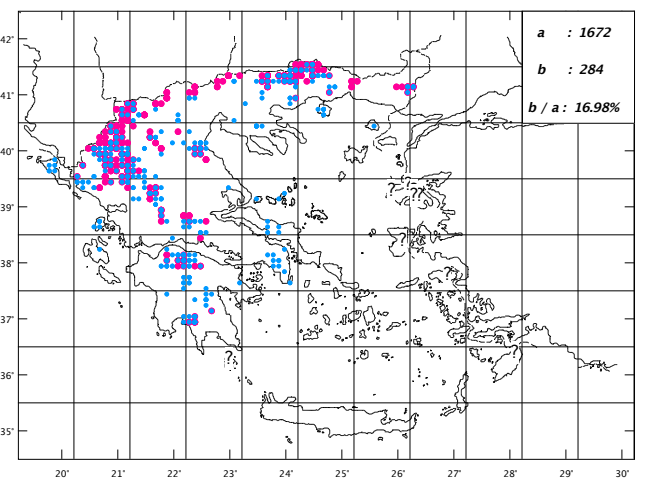
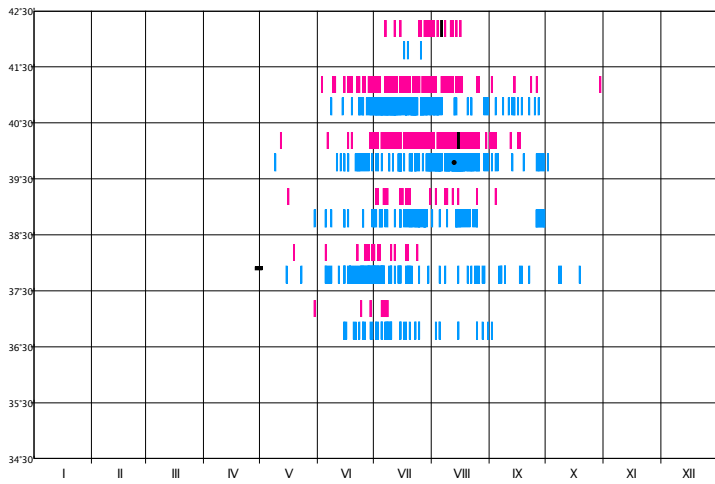
**SATYRIDAE *Melanargia galathea***



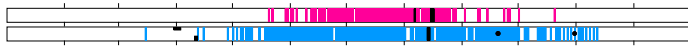
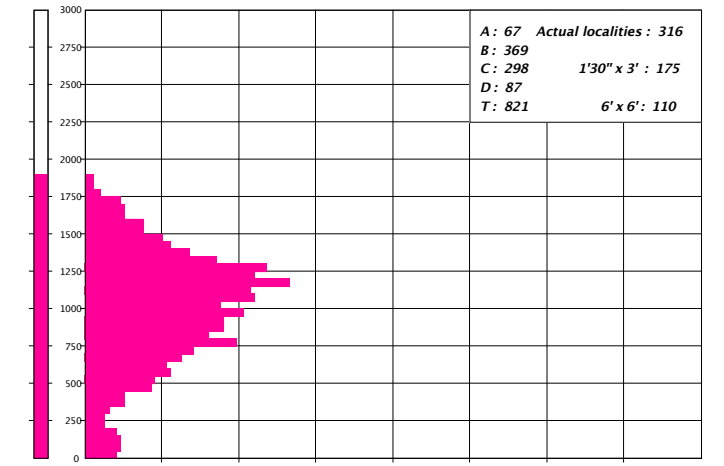
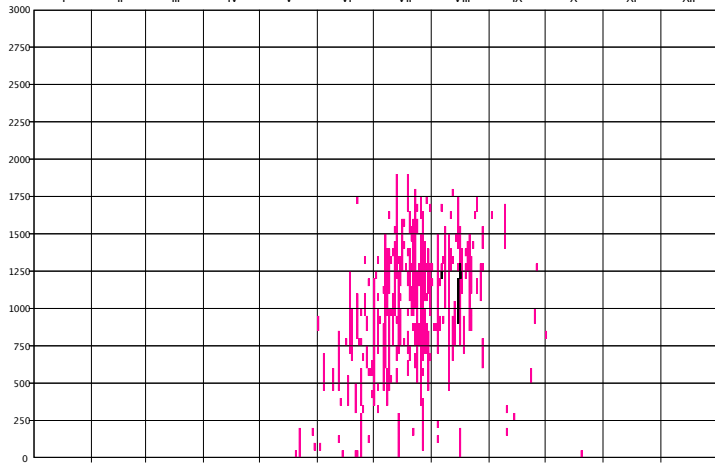
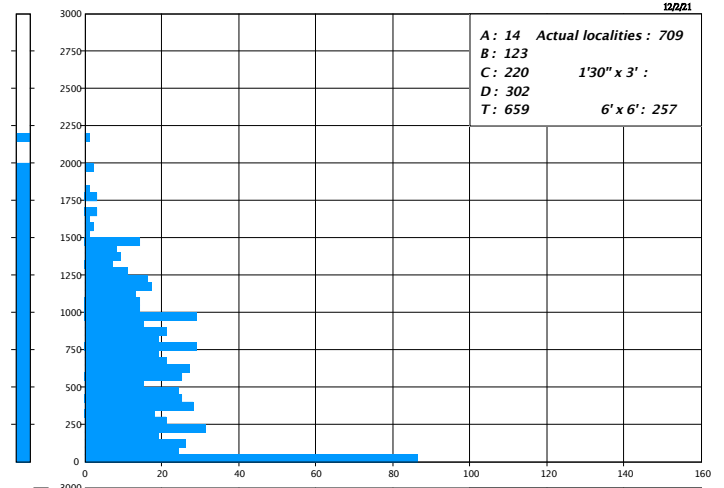
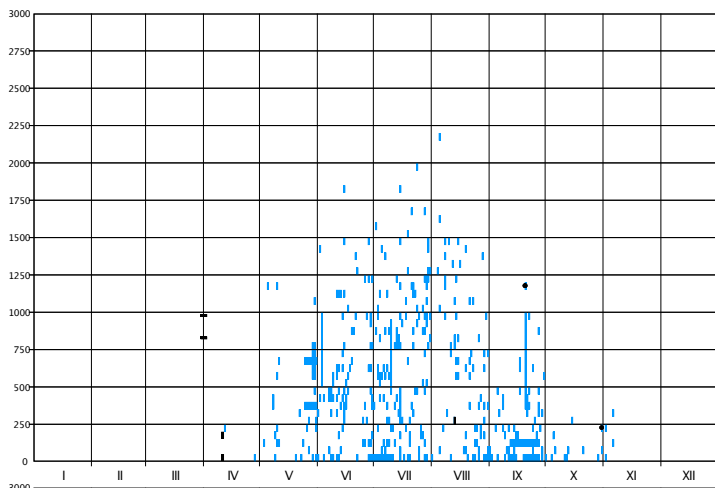
a : 1672  
 b : 327  
 b / a : 19.55%



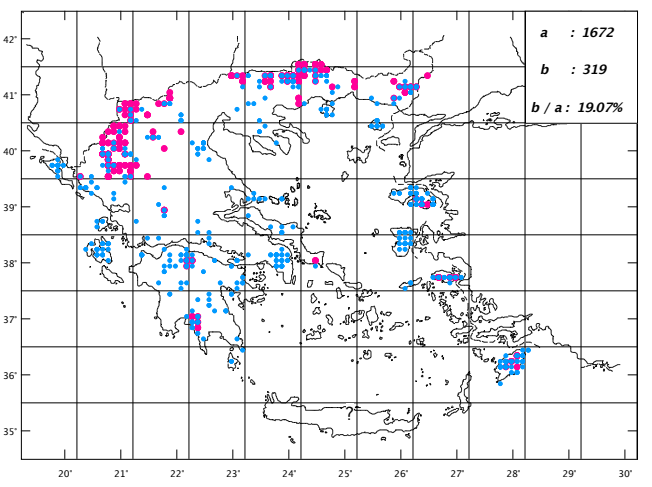
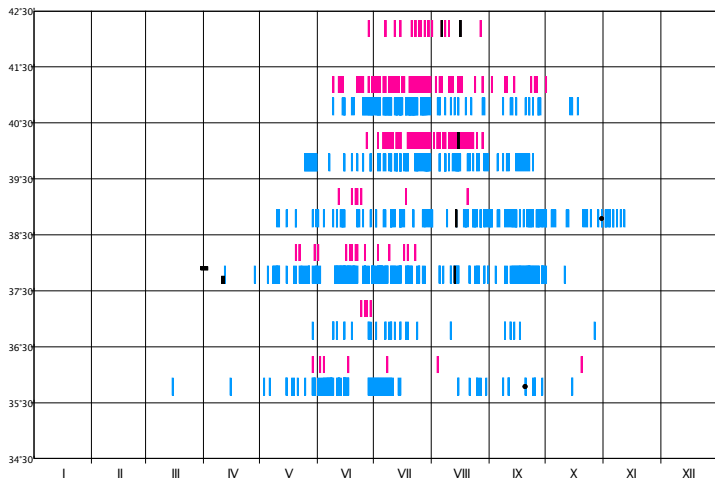
**SATYRIDAE *Hipparchia fagi***



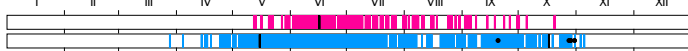
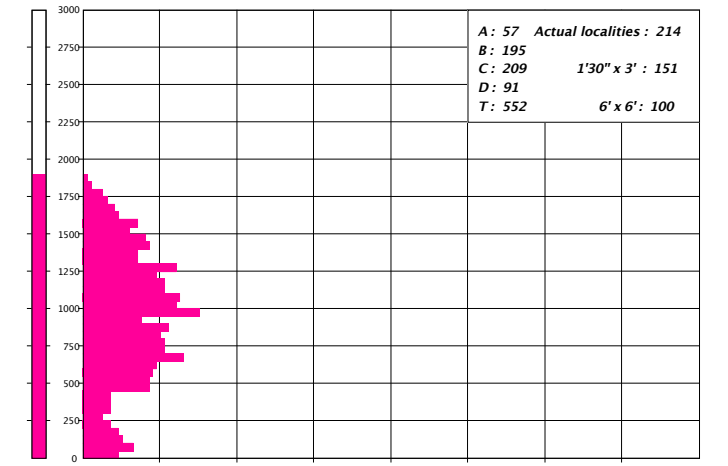
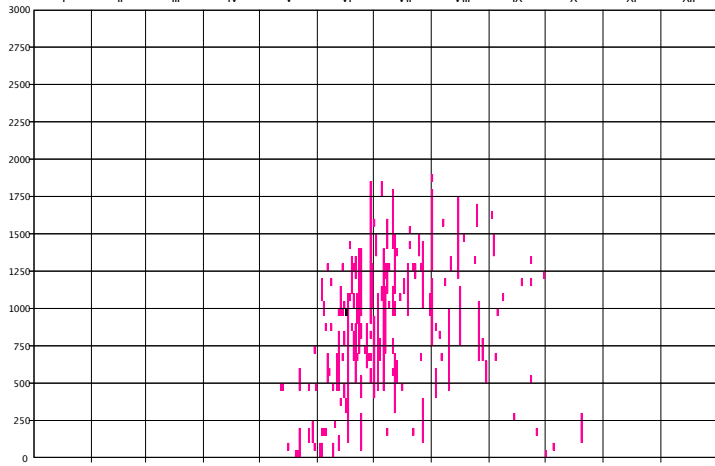
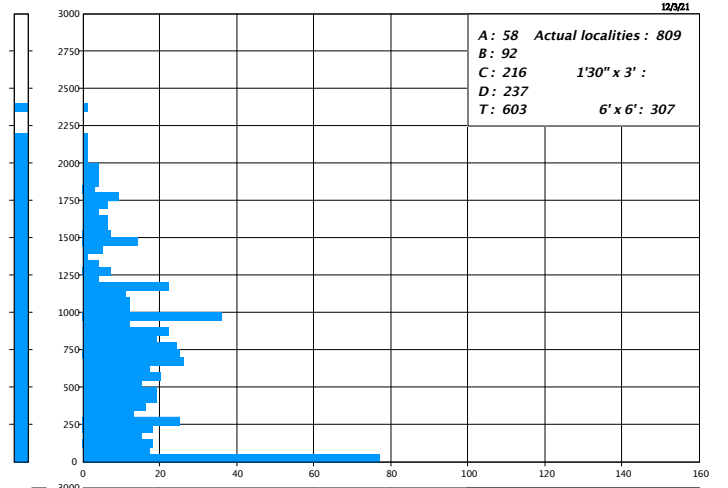
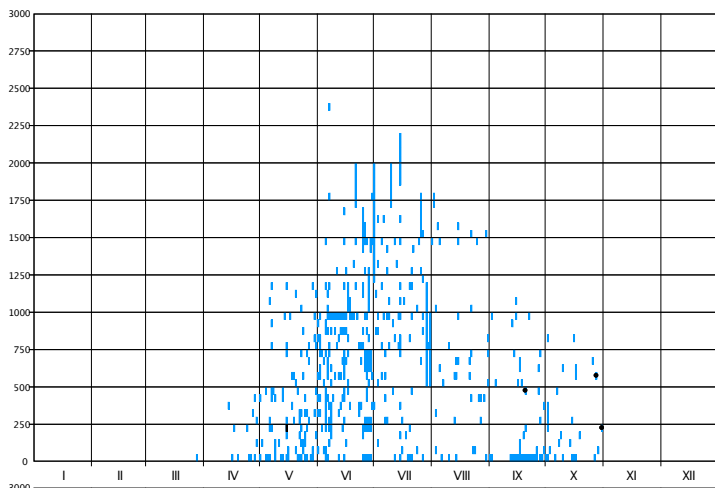
[http://www.pamperis.gr/PHOTOGRAPHS/Hipparchia\\_fagi\\_syriaca\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Hipparchia_fagi_syriaca_complex.html)



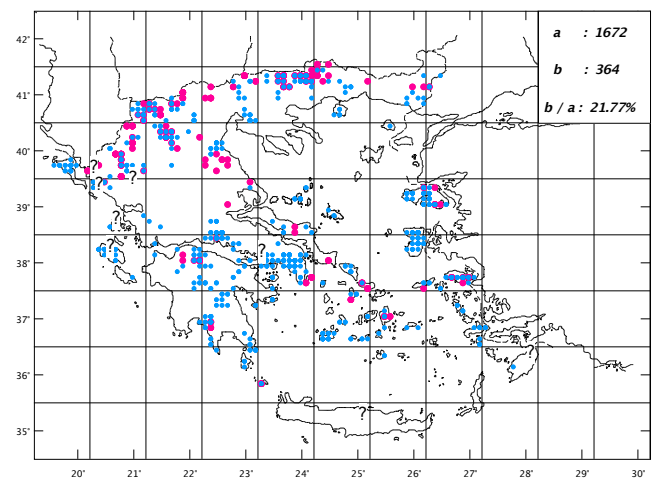
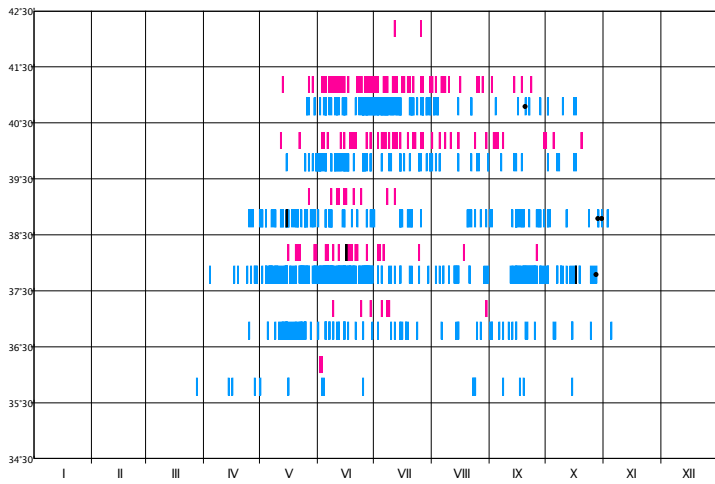
**SATYRIDAE *Hipparchia syriaca***



[http://www.pamperis.gr/PHOTOGRAPHS/Hipparchia\\_fagi\\_syriaca\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Hipparchia_fagi_syriaca_complex.html)

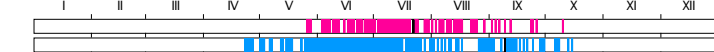
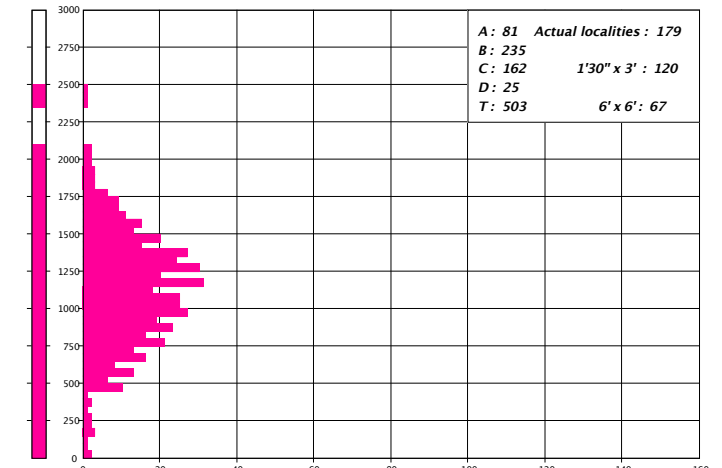
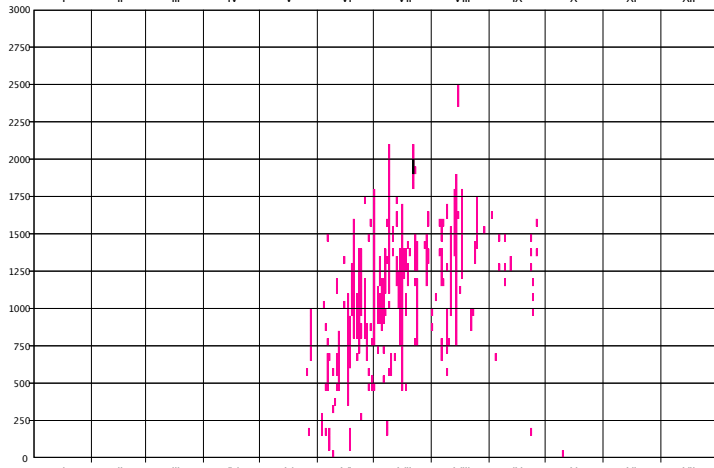
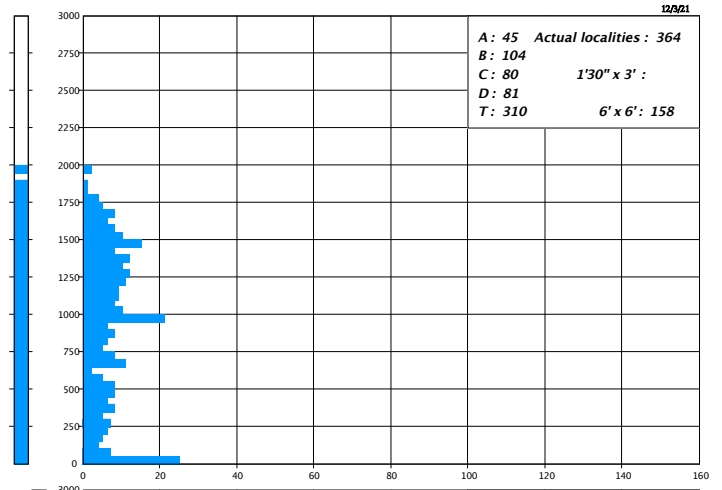
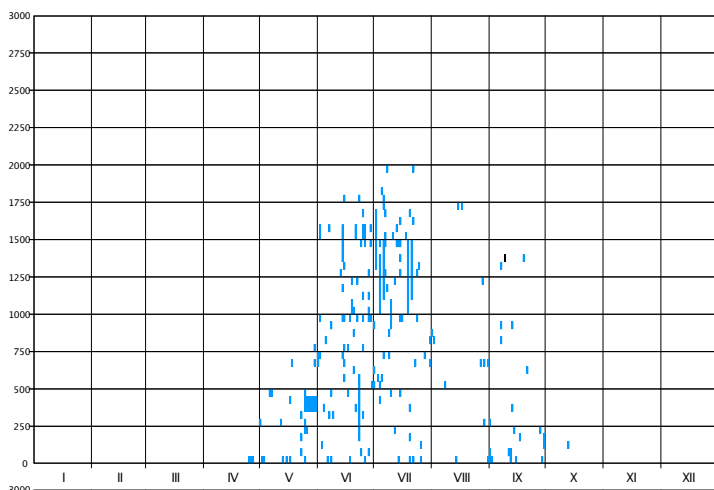


SATYRIDAE *Hipparchia senthes*

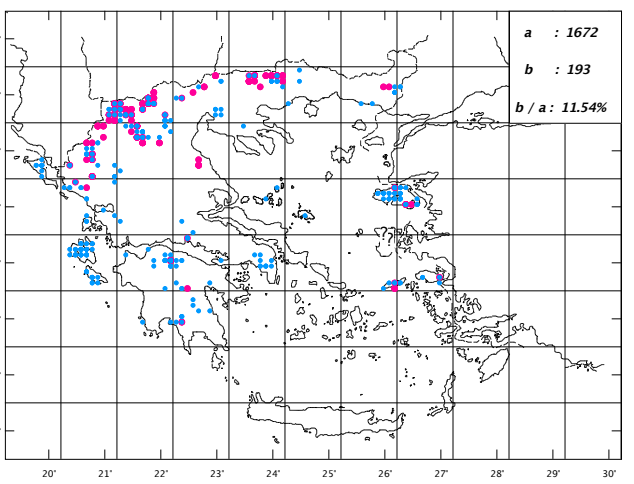
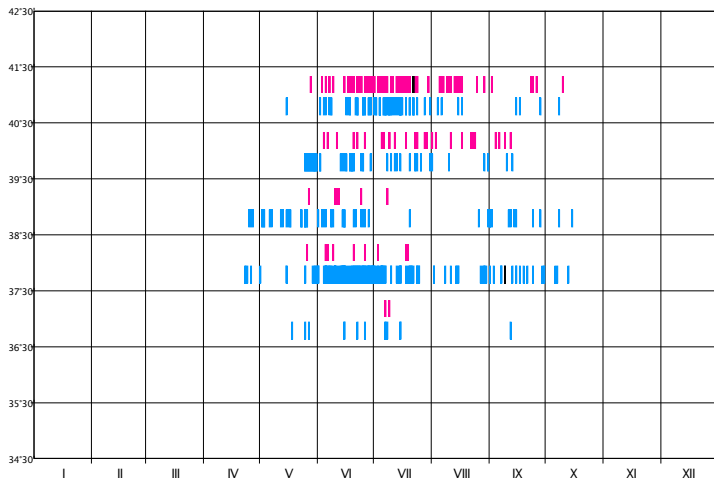


Αμφίβολη αναγνώριση / Identification Uncertain

[http://www.pamperis.gr/PHOTOGRAPHS/Hipparchia\\_senthes\\_volgensis\\_cretica\\_christenseni\\_mersina\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Hipparchia_senthes_volgensis_cretica_christenseni_mersina_complex.html)



SATYRIDAE *Hipparchia volgensis*

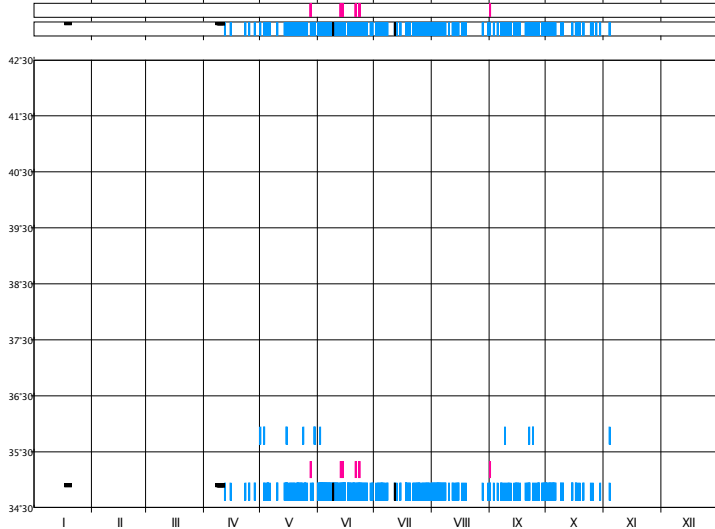
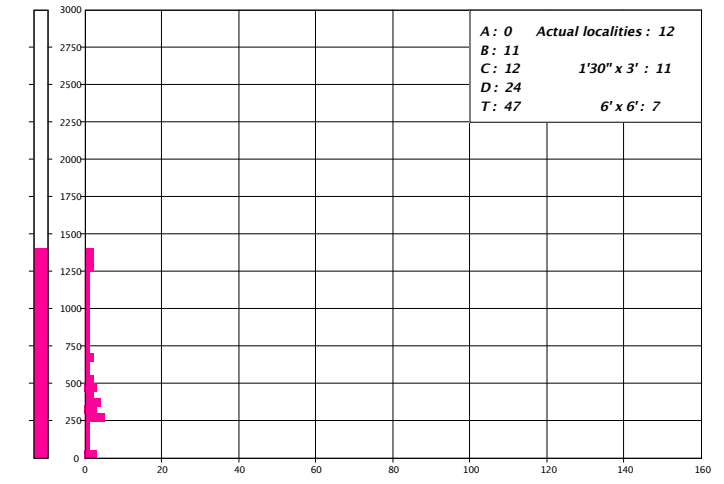
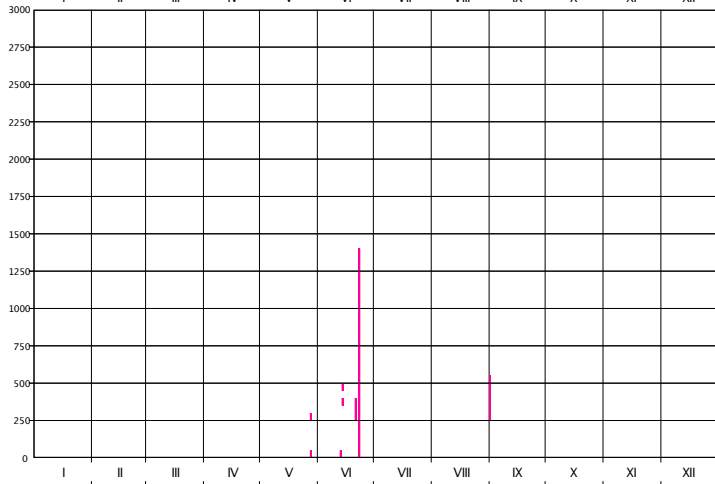
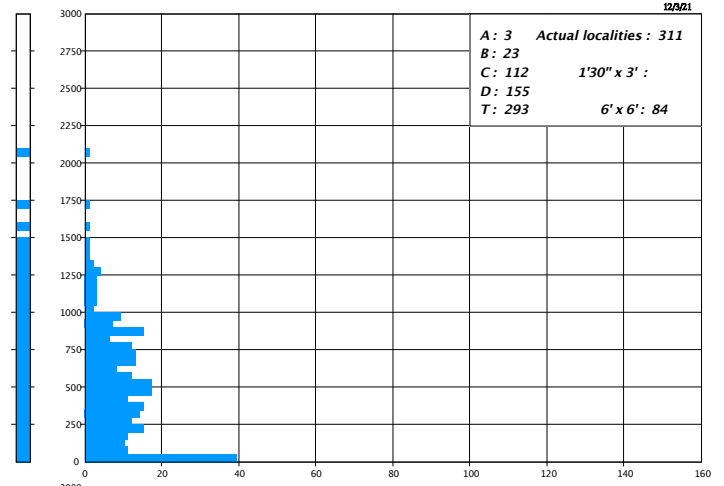
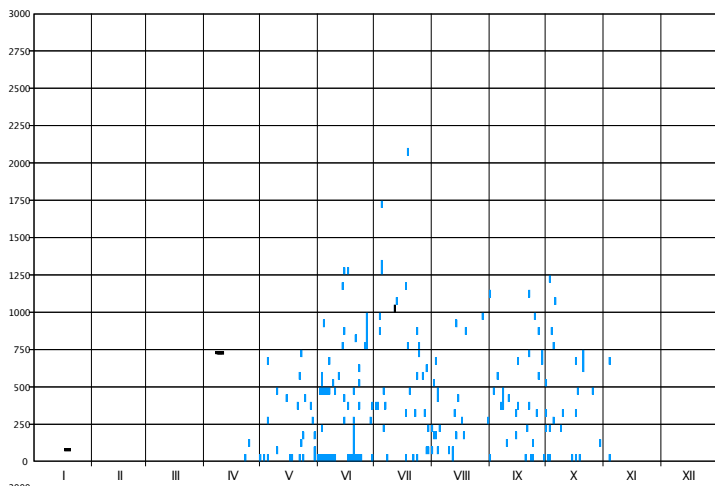


### Αμφίβολη αναγνώριση / Identification Uncertain

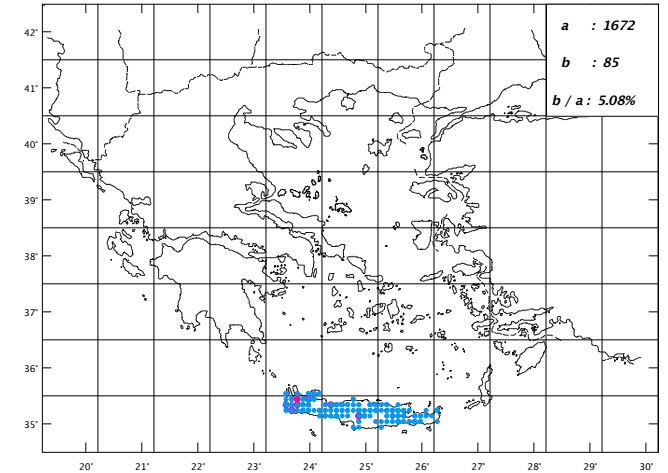
[http://www.pamperis.gr/PHOTOGRAPHS/Hipparchia\\_sentes\\_volgensis\\_cretica\\_christenseni\\_mersina\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Hipparchia_sentes_volgensis_cretica_christenseni_mersina_complex.html)

All records of *Hipparchia pellucida*, which is found that it is not present in Greece (see in COUTSIS J. G. & BOZANO G. C.: The true identity of butterflies originally recorded as *Hipparchia* (*Parahipparchia*) *pellucida* (Stauder, 1923) from the Eastern Aegean Greek islands of Lézvos and Ikaría (Lepidoptera: Nymphalidae, Satyrinae). *Phegea* 46(3): 106–109.) that is for some Islands of eastern Aegean (Lesvos, Ikaría, Chios and Samos) are included temporarily in this Map of *Hipparchia volgensis*, as records of *Hipparchia volgensis*.

Όλες οι αναφορές για το *Hipparchia pellucida*, το οποίο βρέθηκε ότι δεν υπάρχει στην Ελλάδα (δες στο COUTSIS J. G. & BOZANO G. C.: The true identity of butterflies originally recorded as *Hipparchia* (*Parahipparchia*) *pellucida* (Stauder, 1923) from the Eastern Aegean Greek islands of Lézvos and Ikaría (Lepidoptera: Nymphalidae, Satyrinae). *Phegea* 46(3): 106–109.) δηλαδή για κάποια νησιά του Ανατολικού Αιγαίου (Λέσβος, Ικαρία, Χίος και Σάμος) έχουν συμπεριληφθεί προσωρινά σε αυτό τον χάρτη για το *Hipparchia volgensis* σαν καταγραφές του *Hipparchia volgensis*.



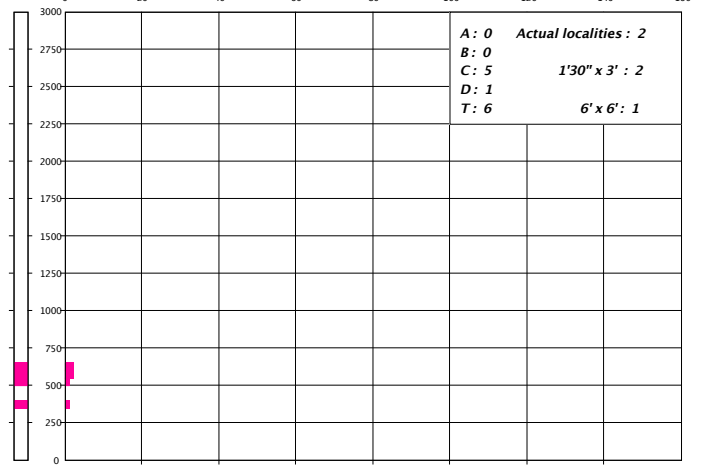
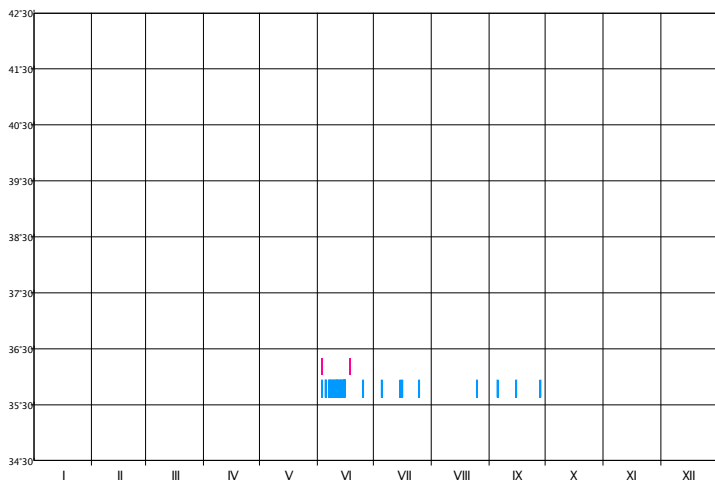
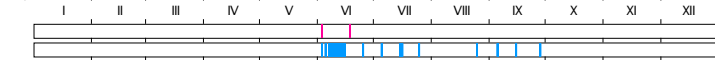
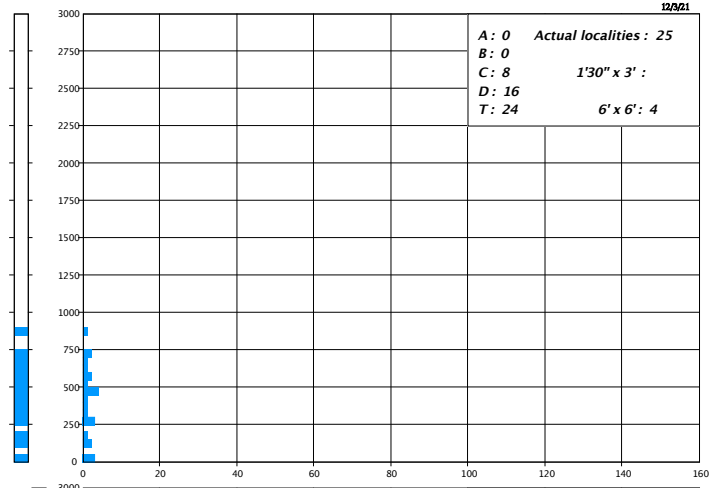
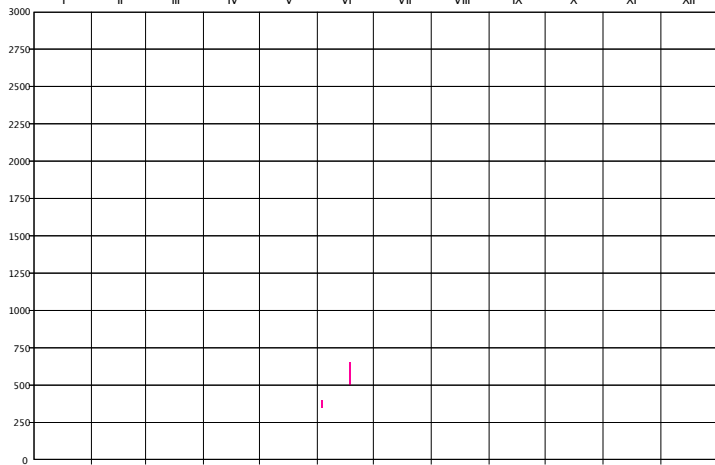
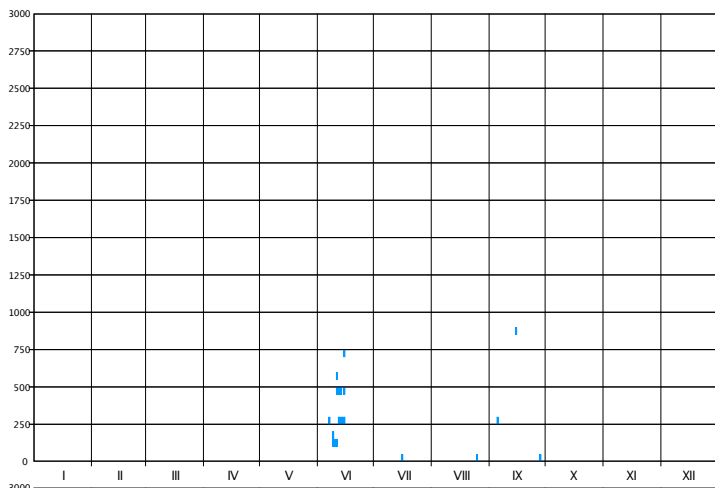
**SATYRIDAE *Hipparchia cretica***



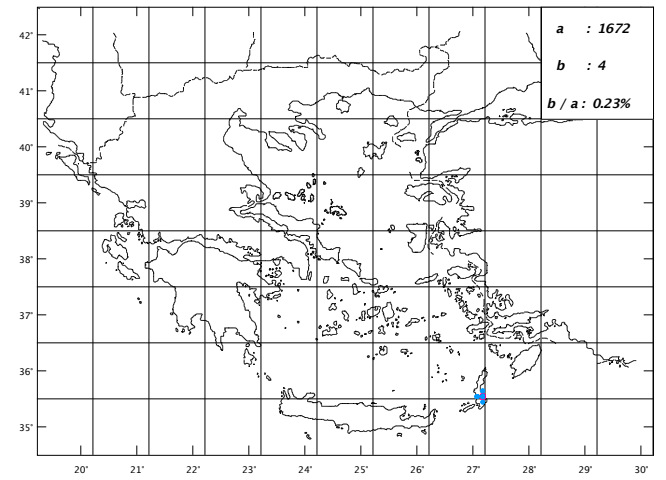
**ΕΝΔΗΜΙΚΟ ΕΙΔΟΣ ΤΗΣ ΕΛΛΑΔΑΣ  
ENDEMIC SPECIES OF GREECE**

[http://www.pamperis.gr/PHOTOGRAPHS/Hipparchia\\_sentes\\_volgensis\\_cretica\\_christenseni\\_mersina\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Hipparchia_sentes_volgensis_cretica_christenseni_mersina_complex.html)



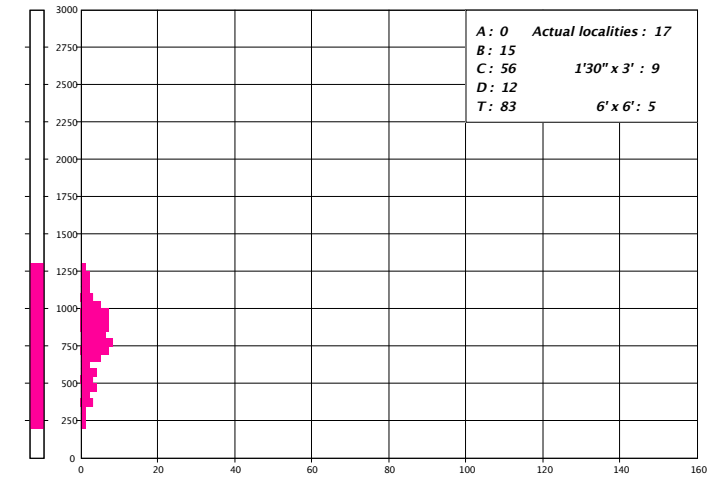
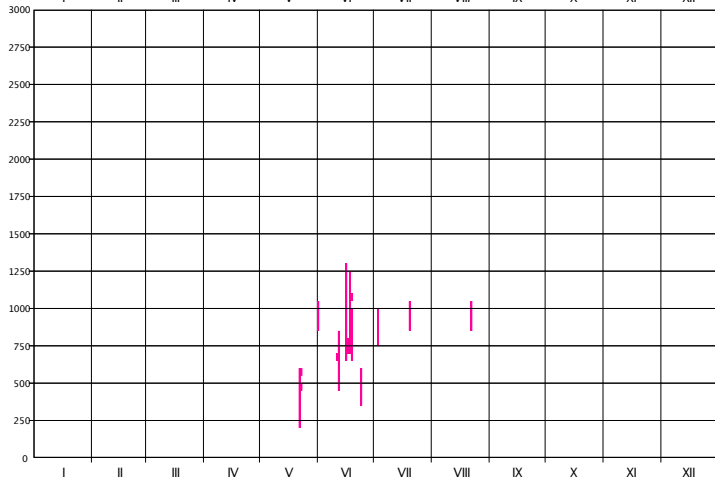
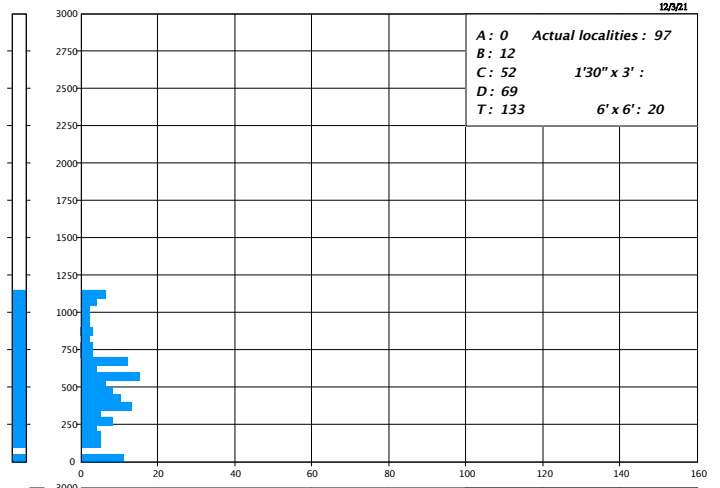
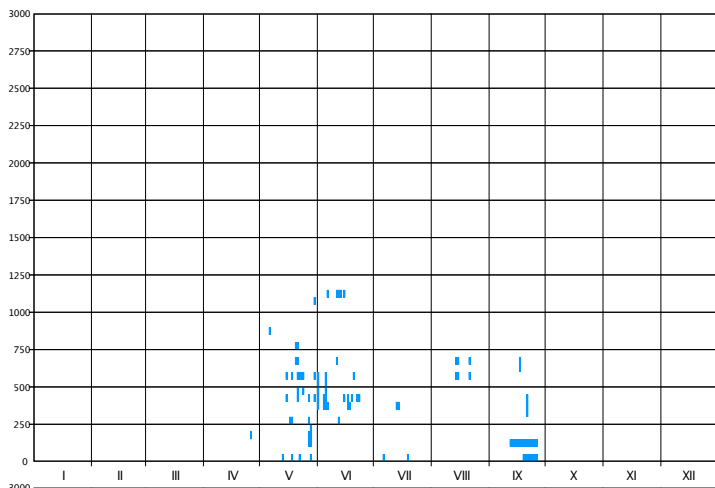


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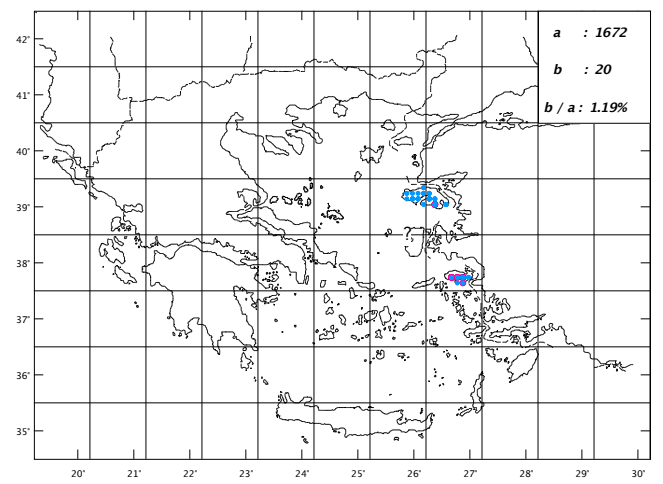
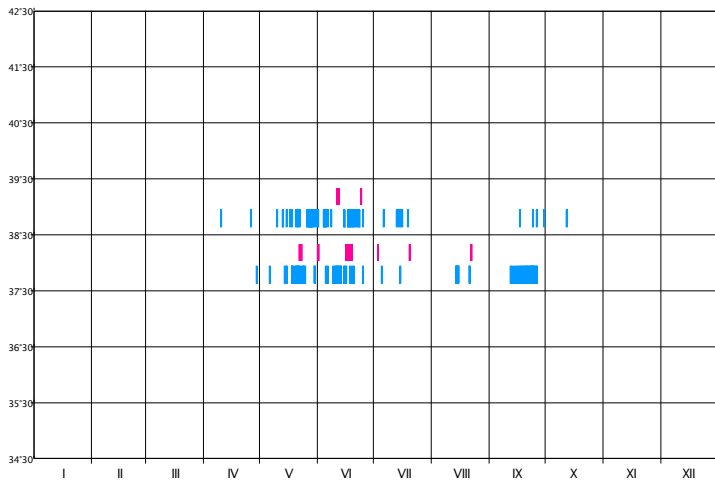


**ΕΝΔΗΜΙΚΟ ΕΙΔΟΣ ΤΗΣ ΕΛΛΑΔΑΣ  
 ENDEMIC SPECIES OF GREECE**

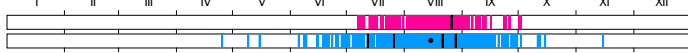
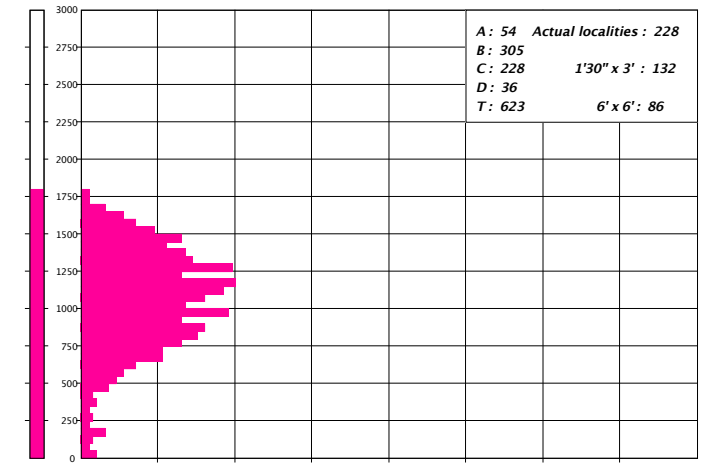
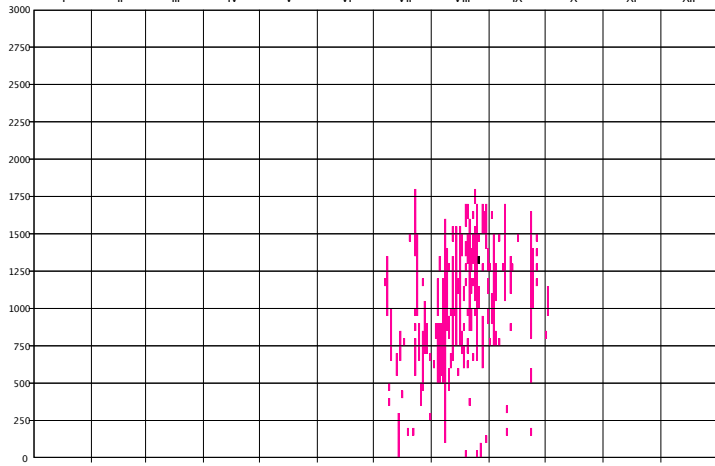
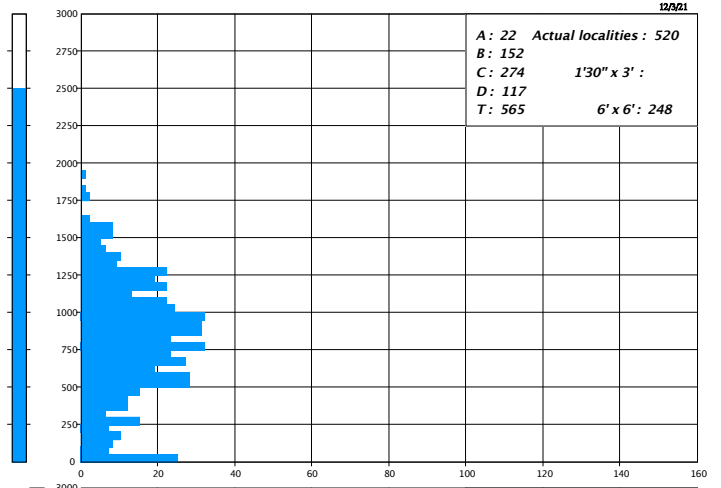
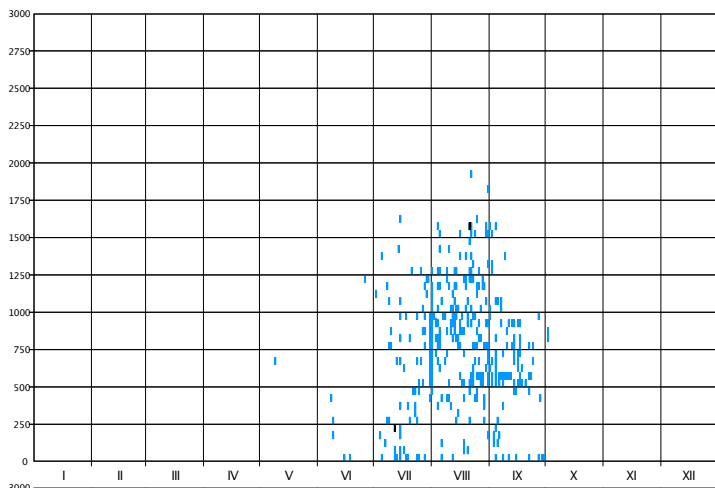
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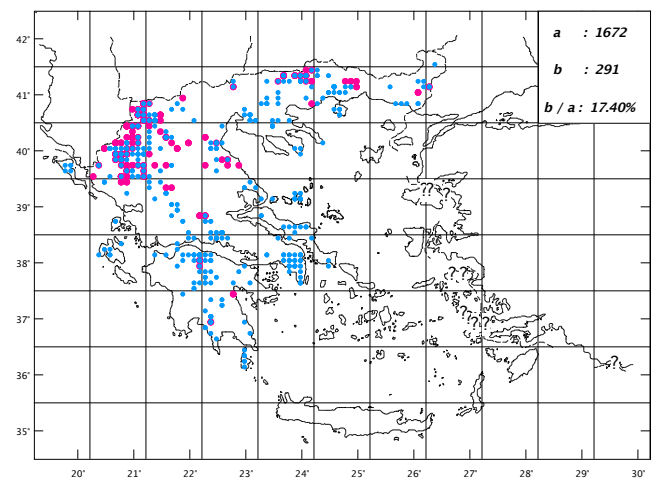
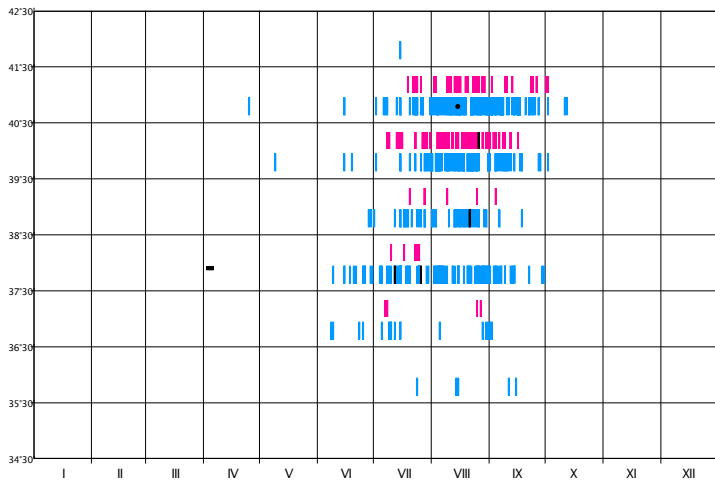
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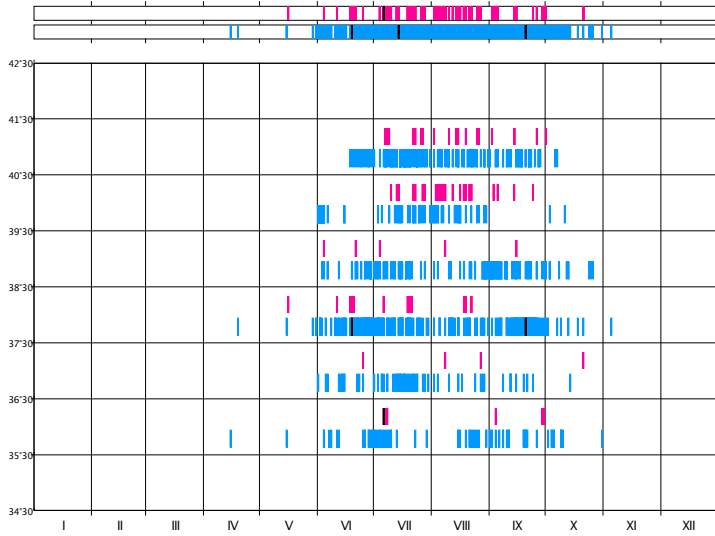
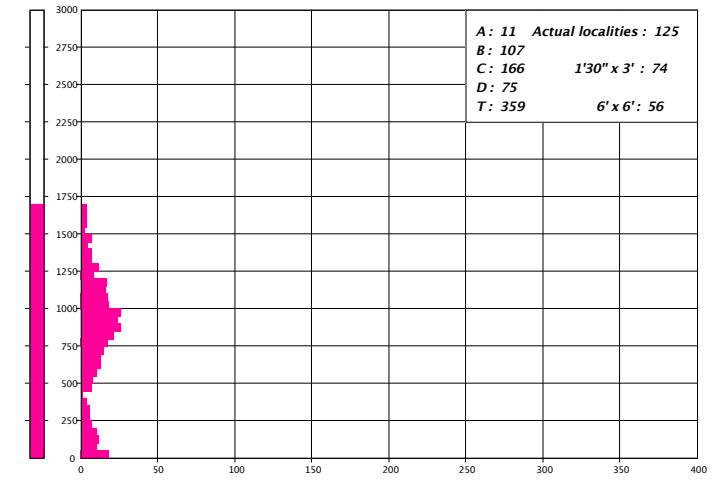
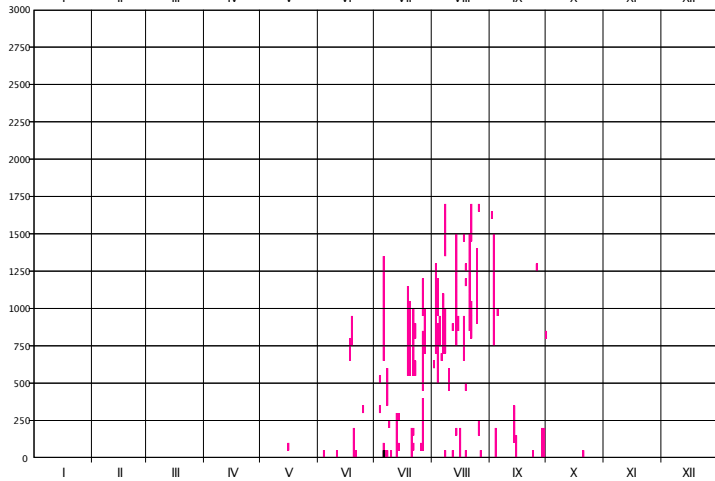
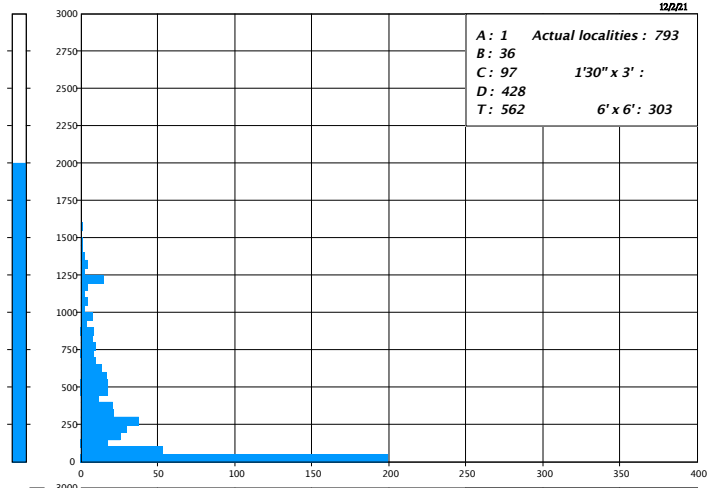
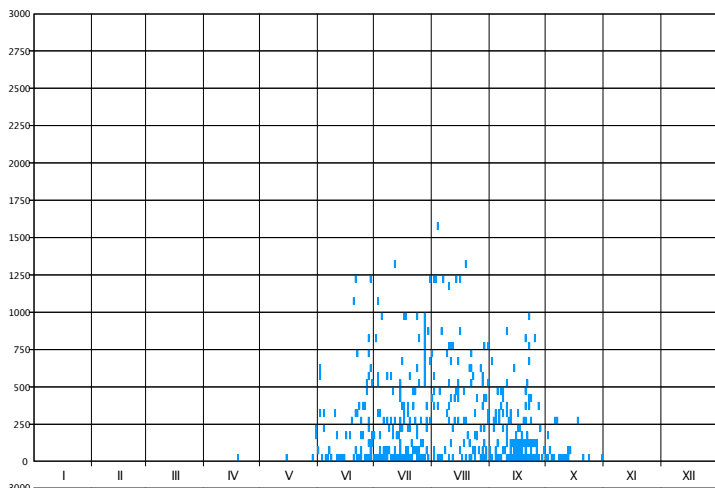
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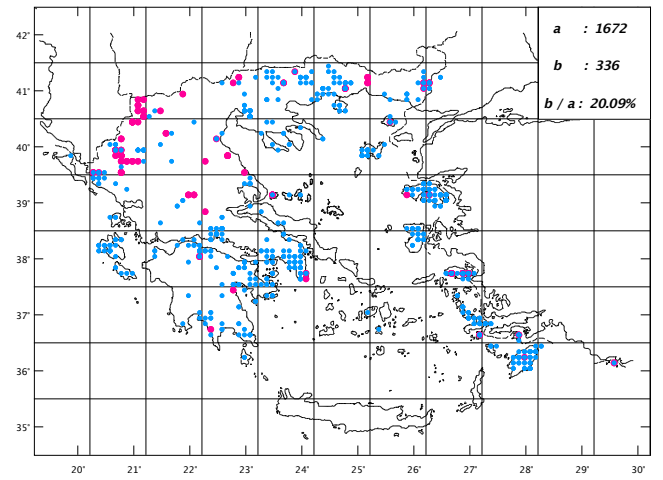
**SATYRIDAE *Hipparchia statilinus***



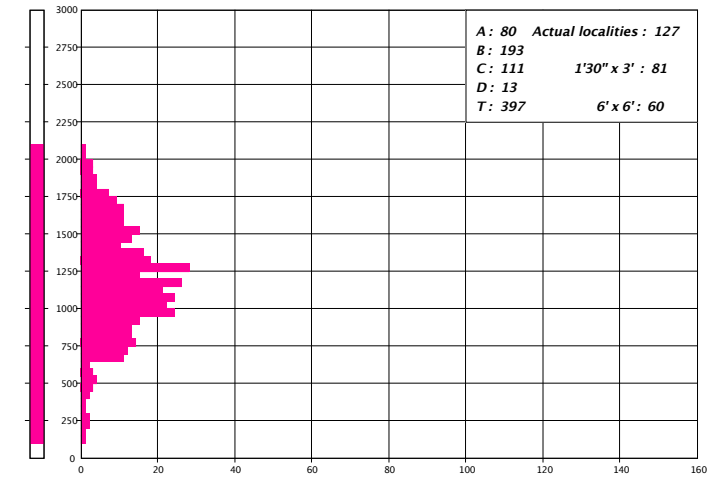
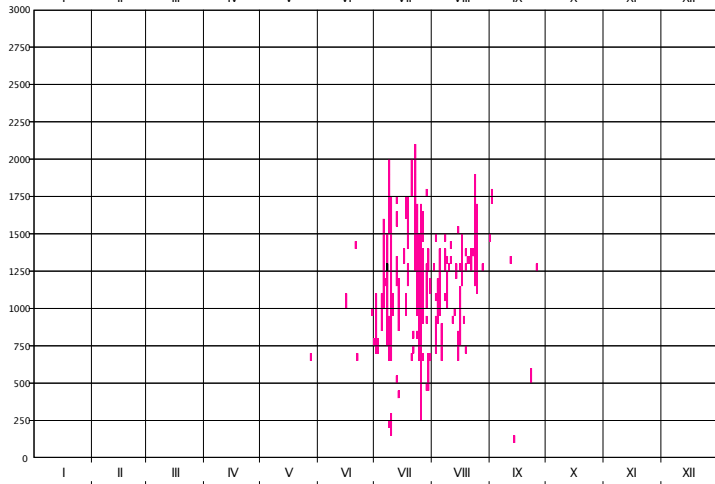
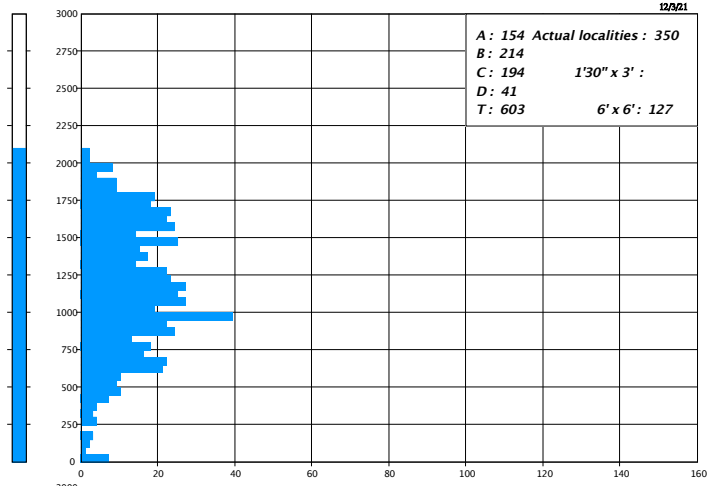
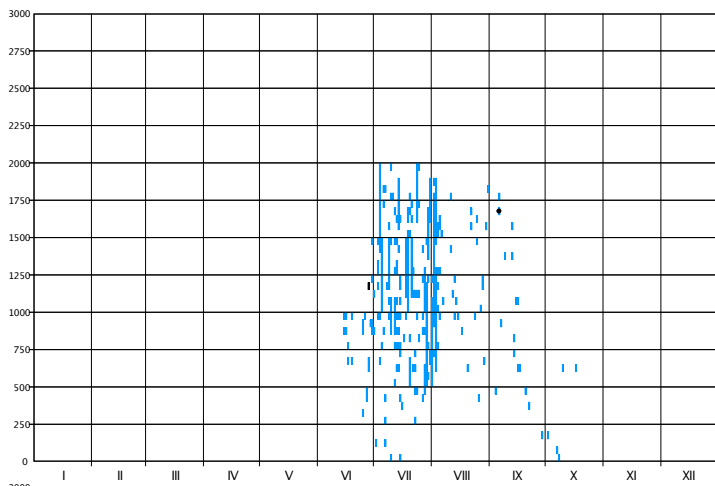
[https://www.pamperis.gr/PHOTOGRAPHS/Hipparchia\\_fatua,\\_Hipparchia\\_statilinus.html](https://www.pamperis.gr/PHOTOGRAPHS/Hipparchia_fatua,_Hipparchia_statilinus.html)



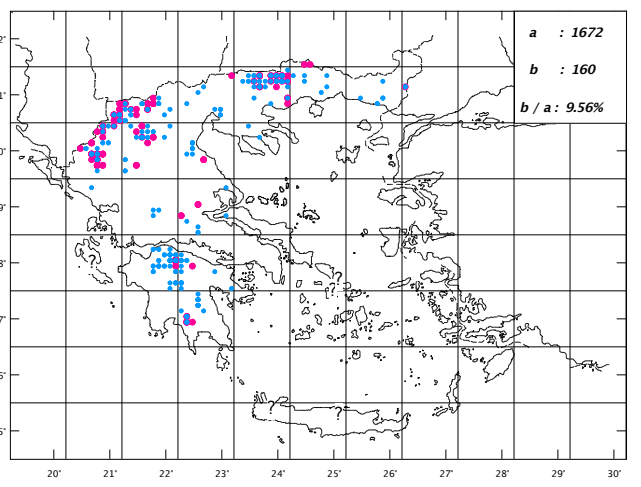
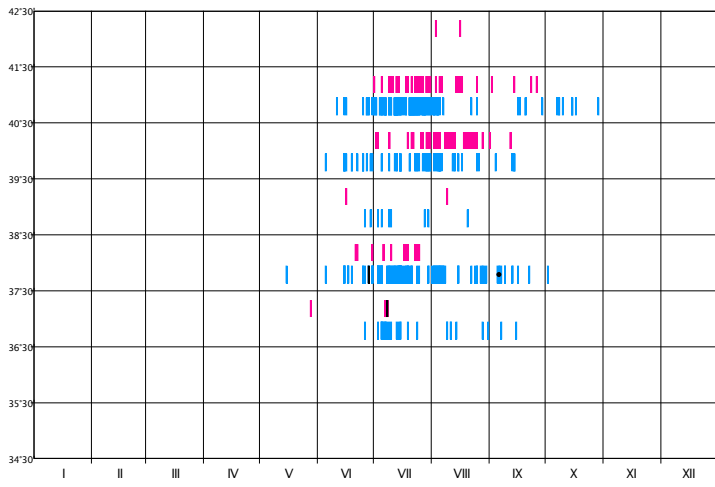
**SATYRIDAE *Hipparchia fatua***

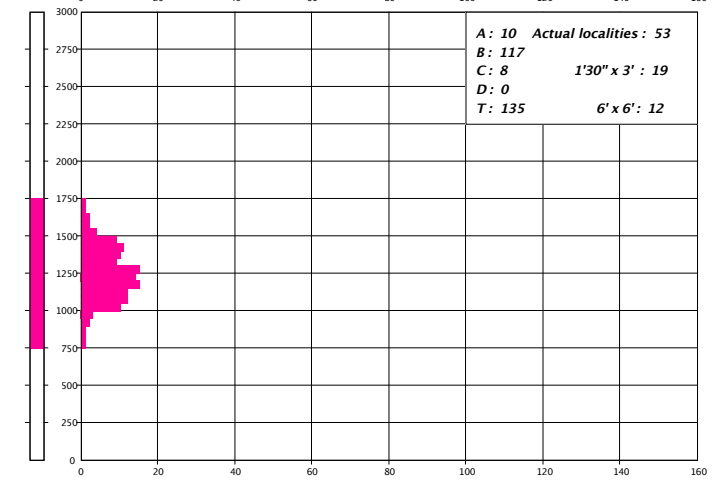
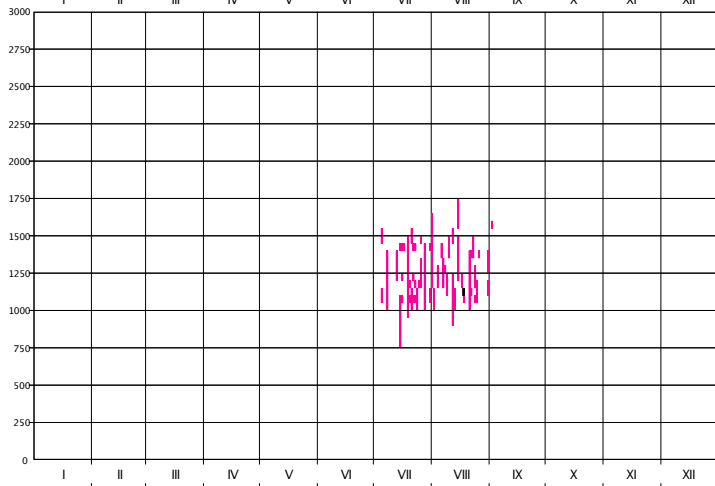
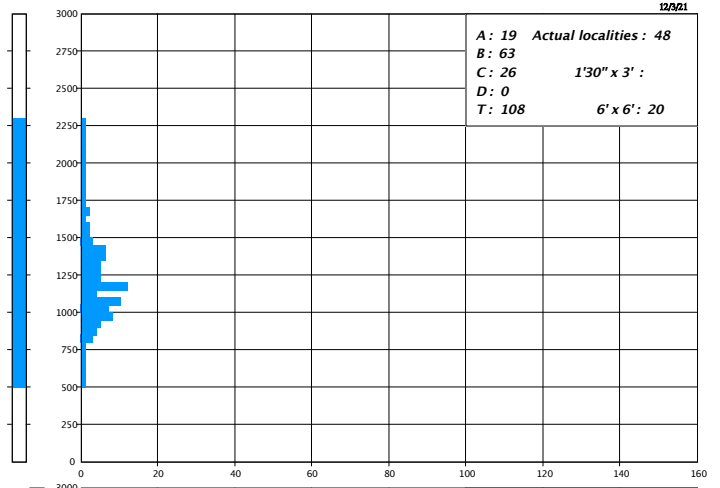
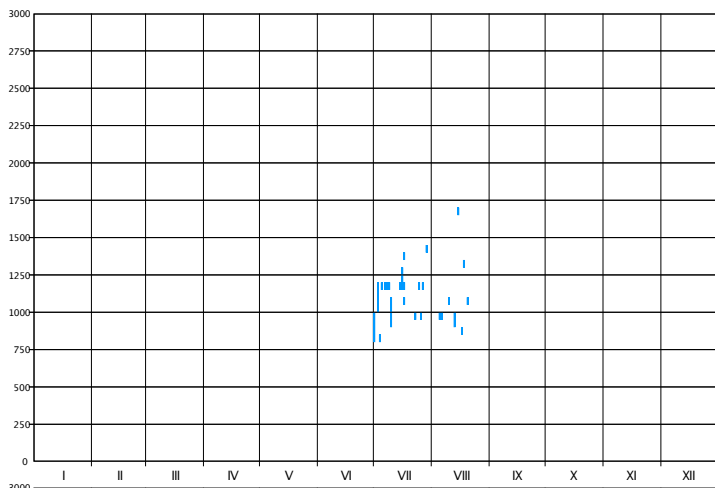


[https://www.pamperis.gr/PHOTOGRAPHS/Hipparchia\\_fatua,\\_Hipparchia\\_statilinus.html](https://www.pamperis.gr/PHOTOGRAPHS/Hipparchia_fatua,_Hipparchia_statilinus.html)

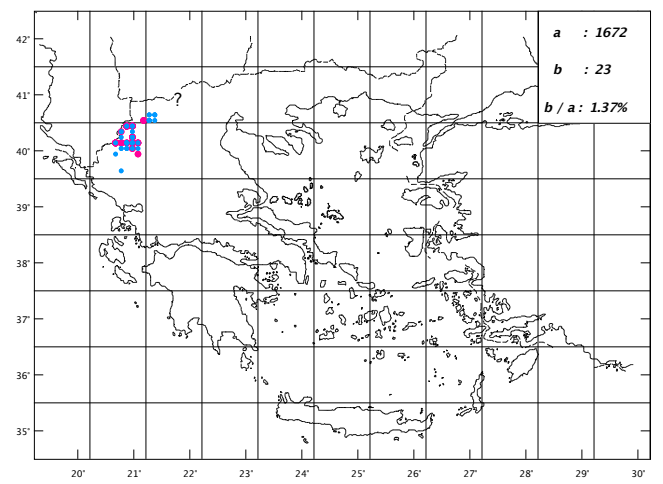
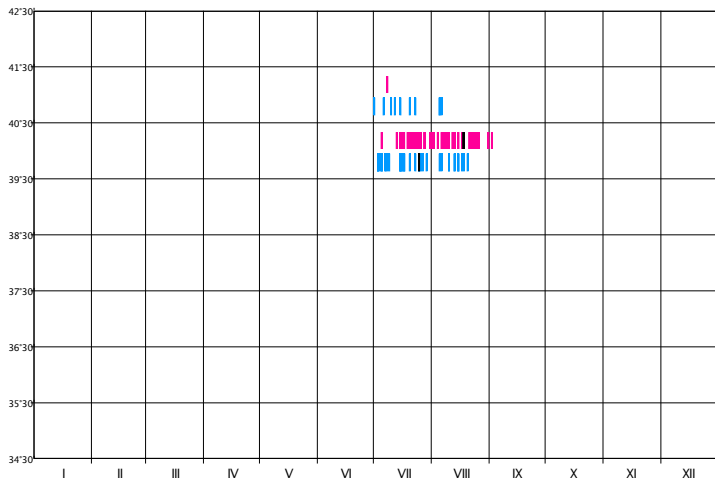


**SATYRIDAE *Chazara briseis***

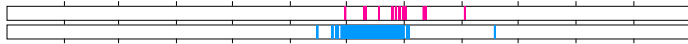
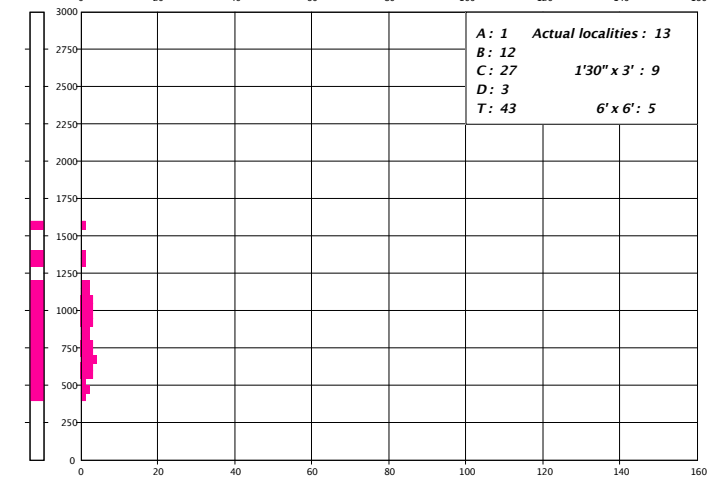
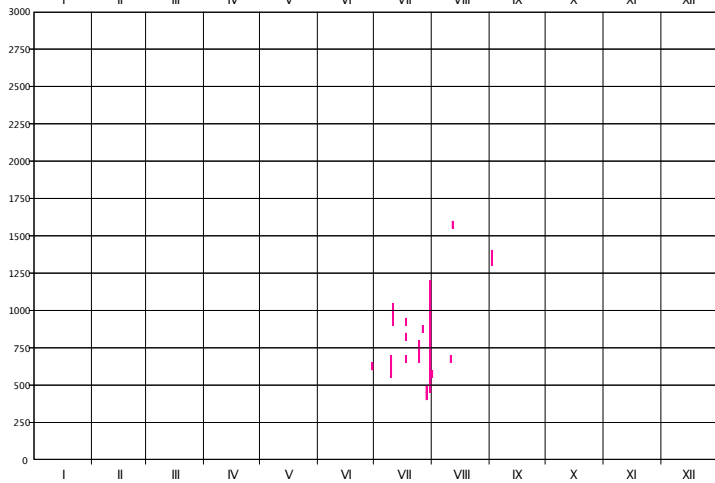
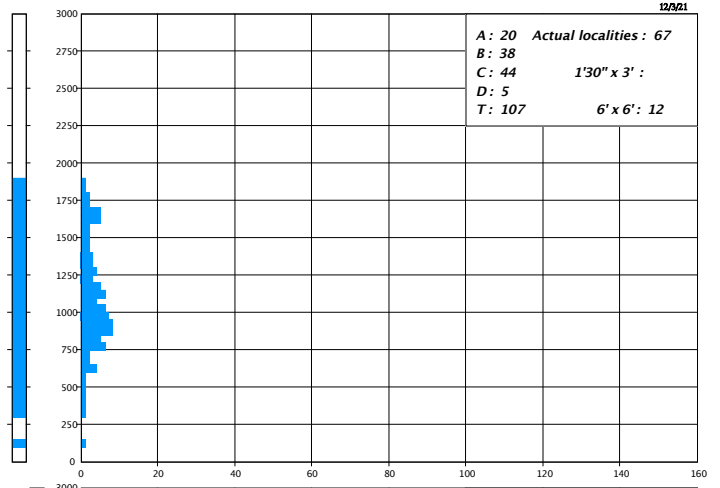
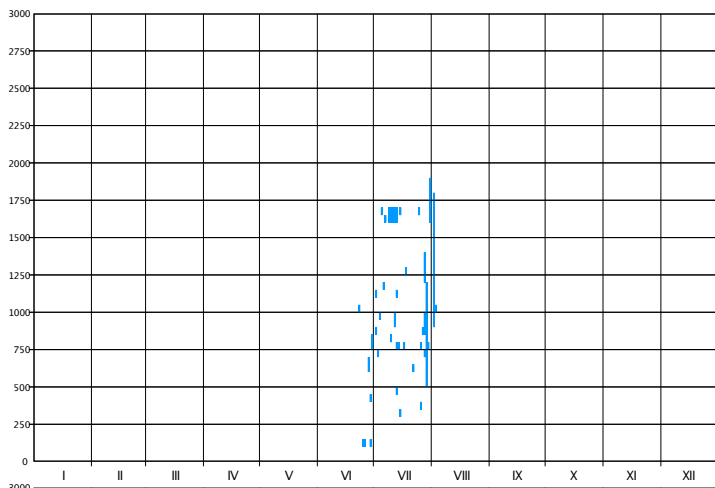




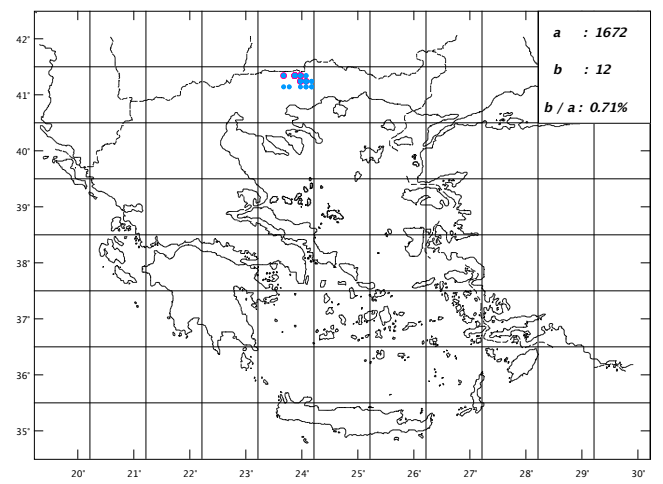
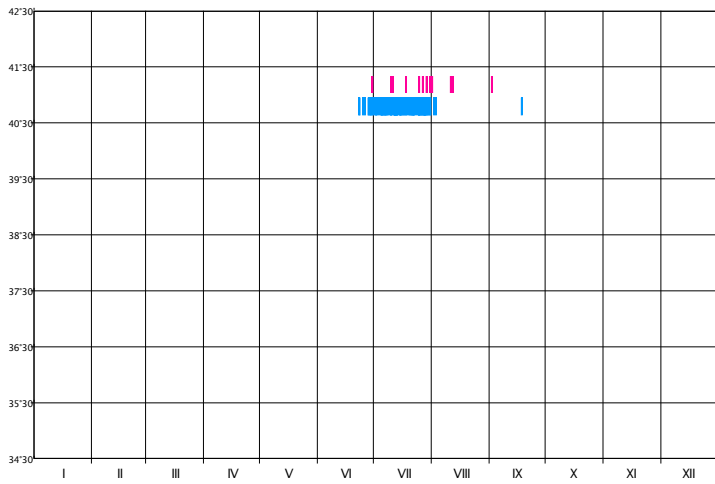
**SATYRIDAE *Pseudochazara tisiphone***



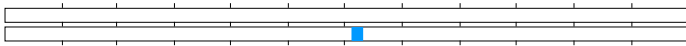
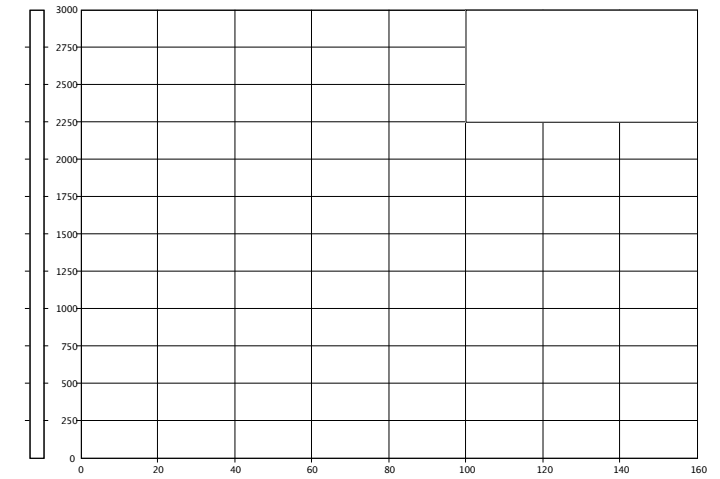
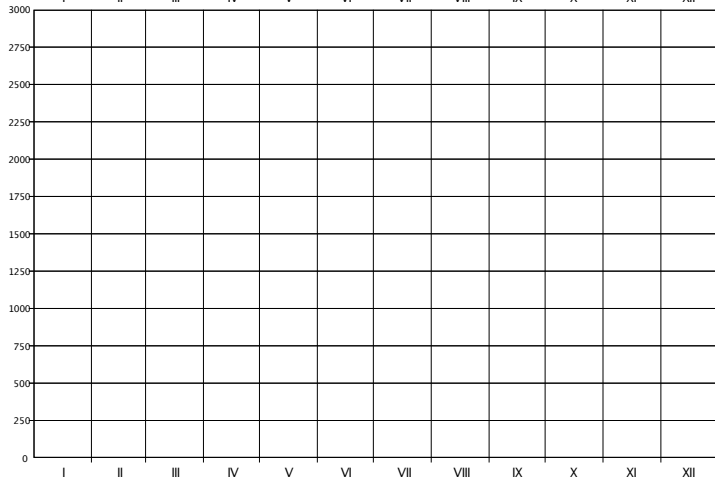
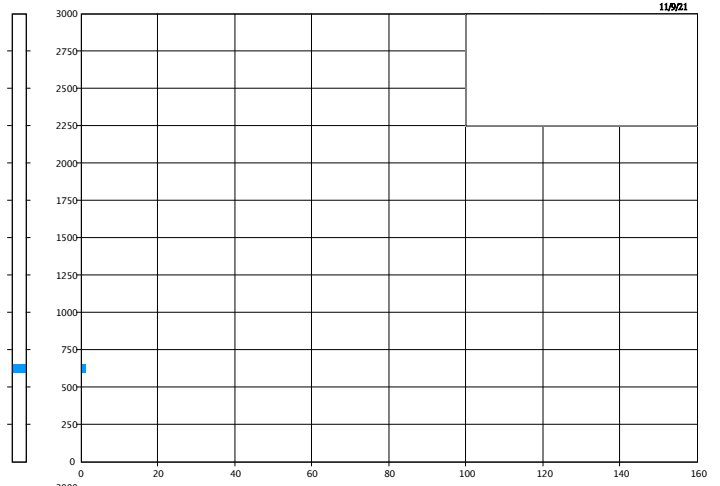
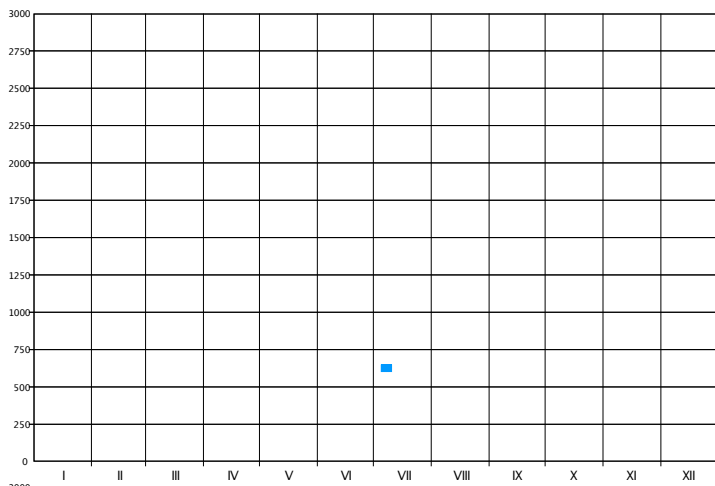
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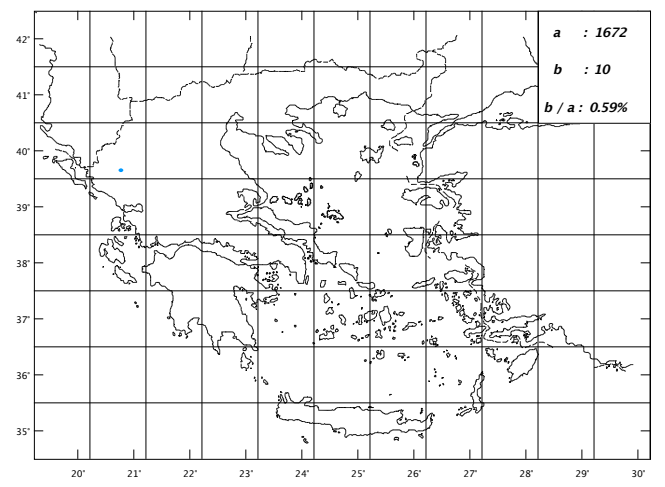
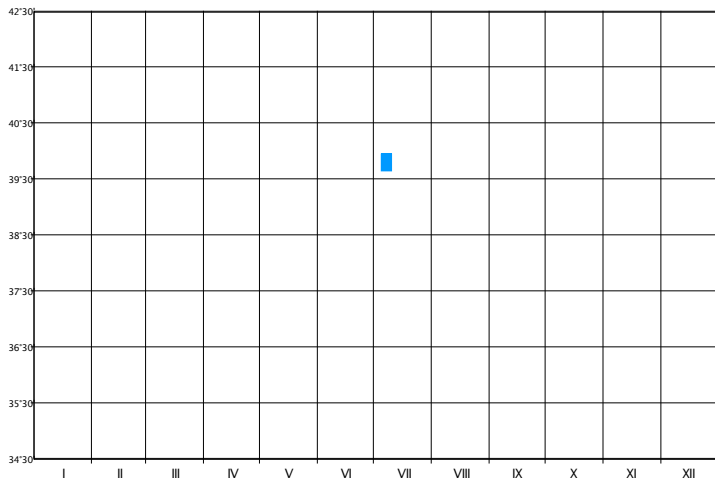
**SATYRIDAE *Pseudochazara orestes***



<https://www.pamperis.gr/PHOTOGRAPHS/Pseudochazara.html>

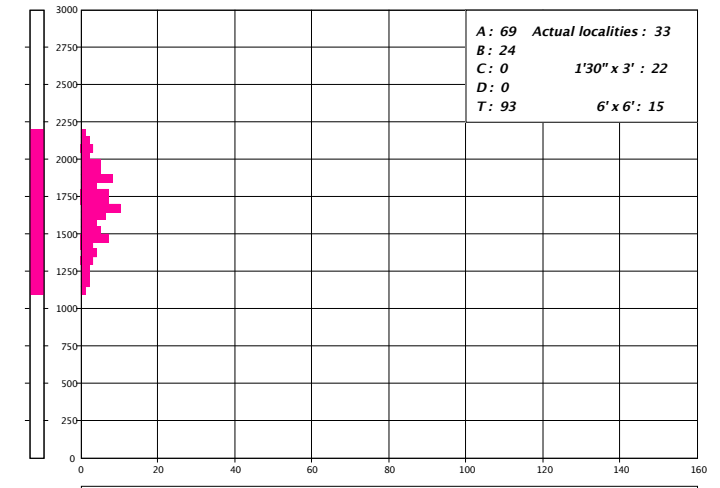
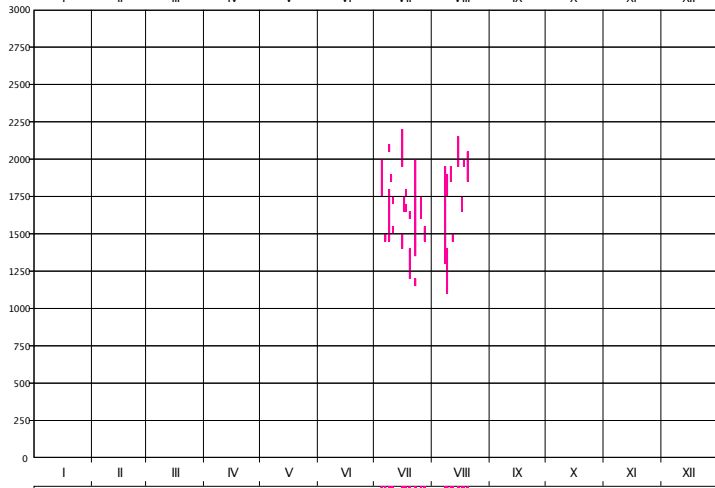
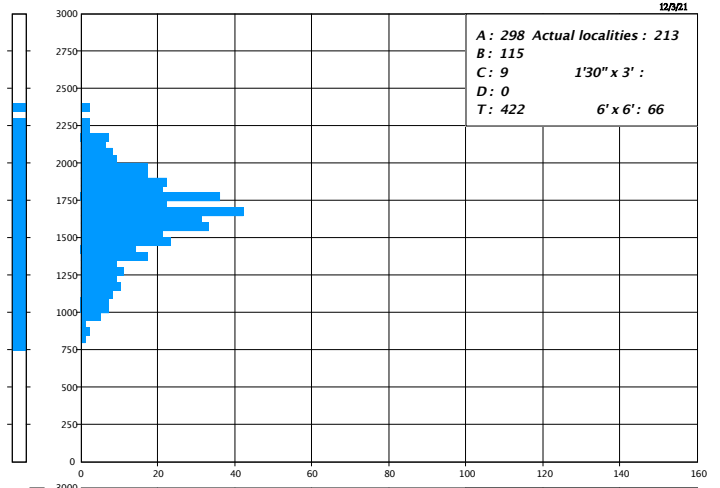
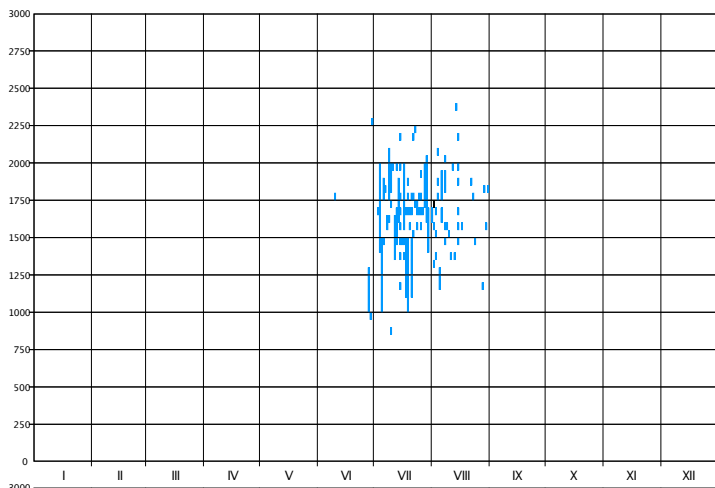


**SATYRIDAE *Pseudochazara amymone***

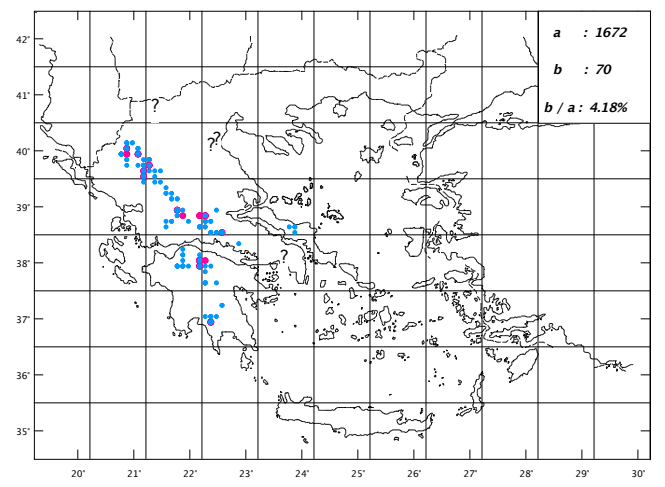
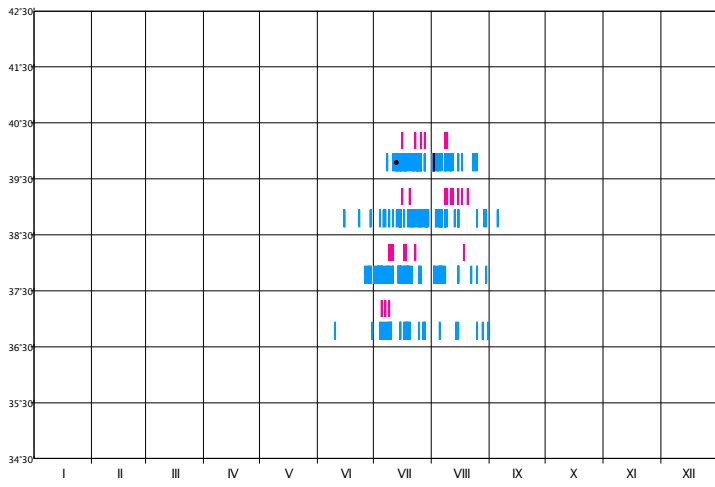


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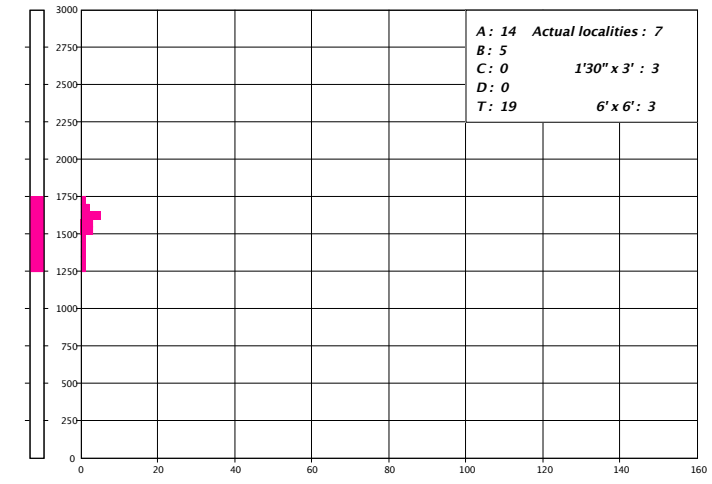
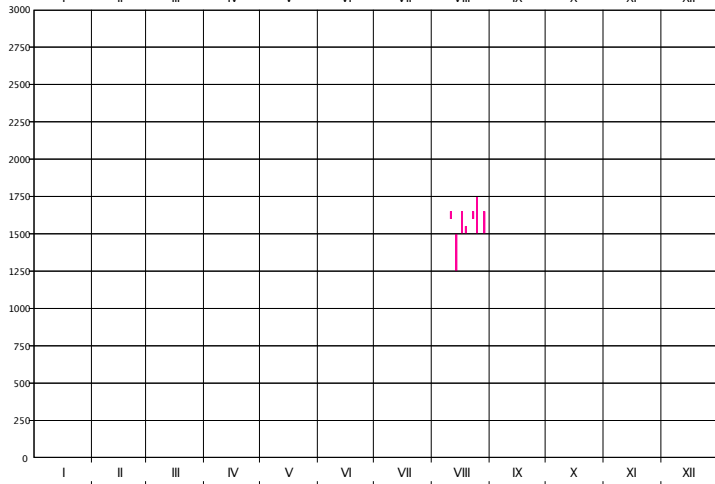
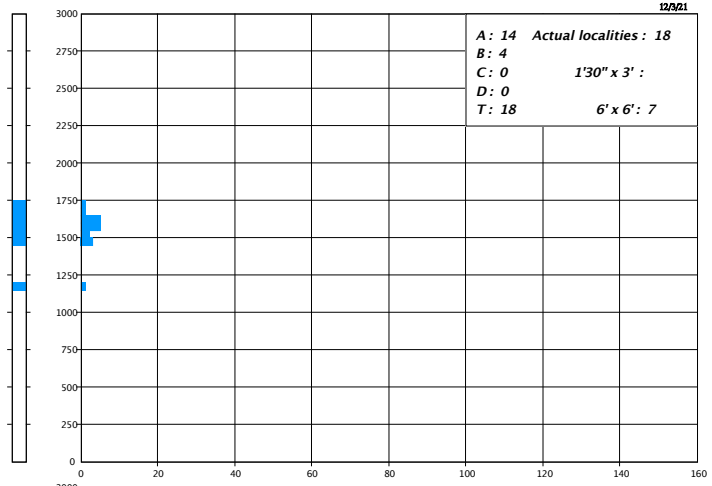
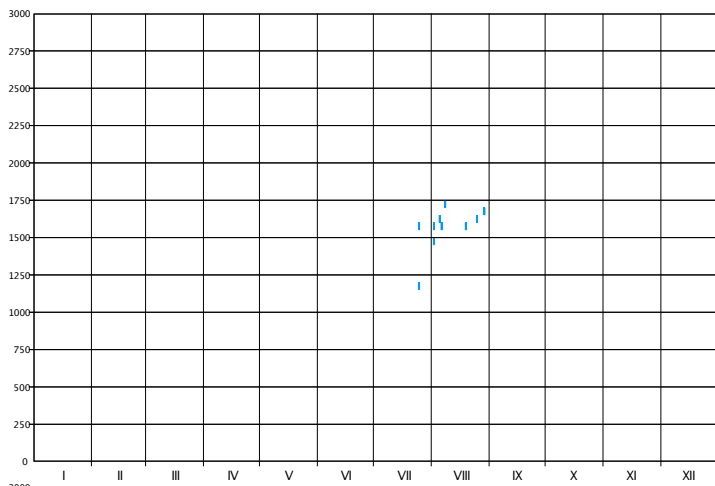




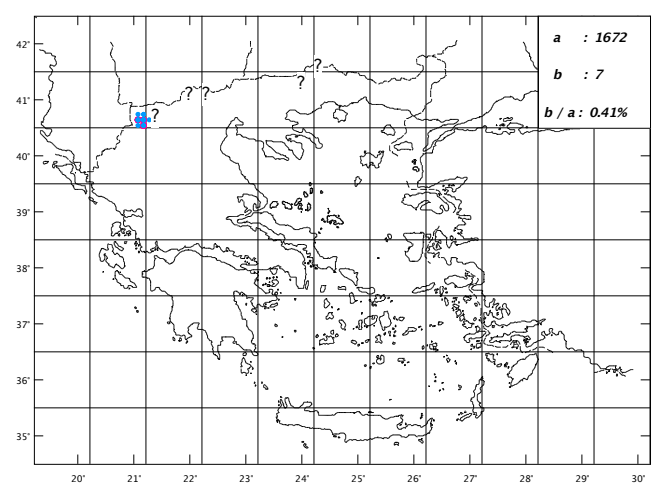
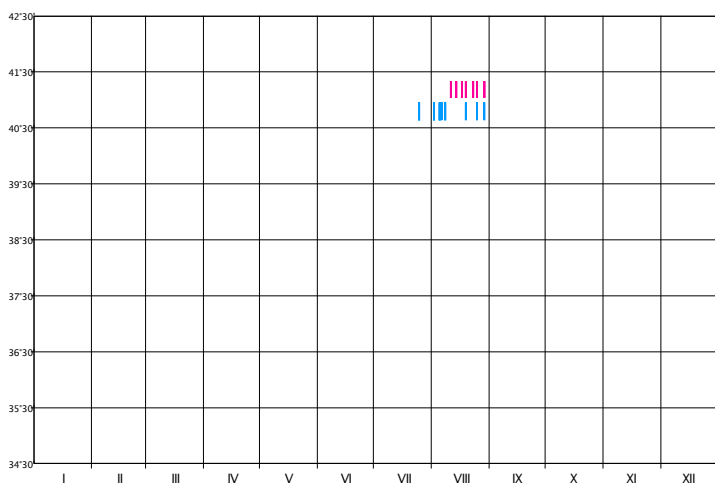
**SATYRIDAE *Pseudochazara graeca***

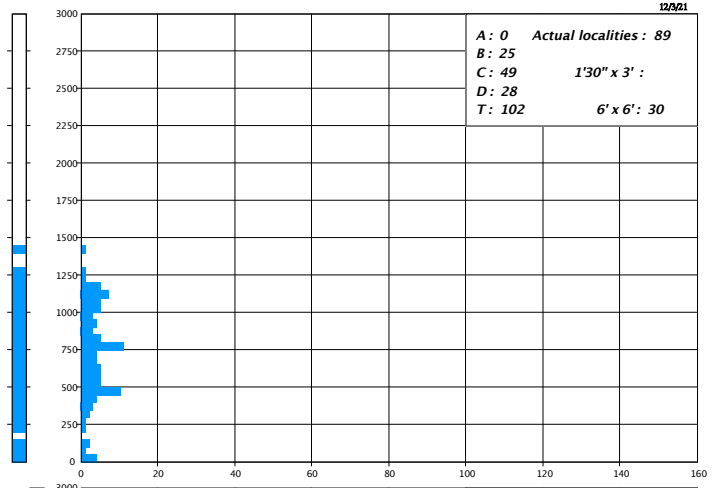
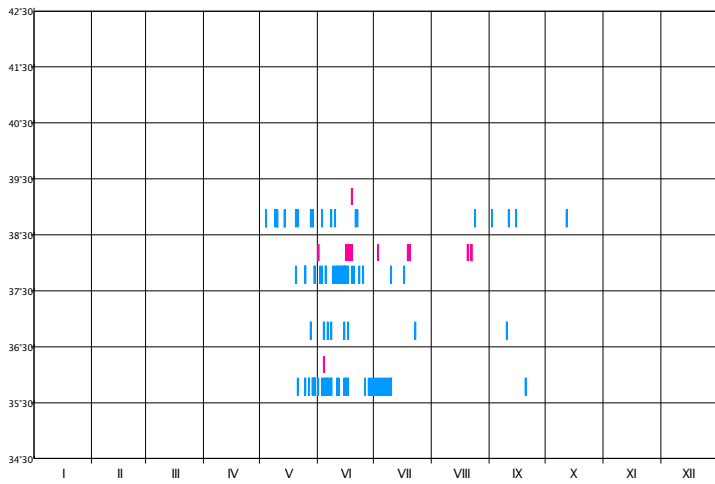
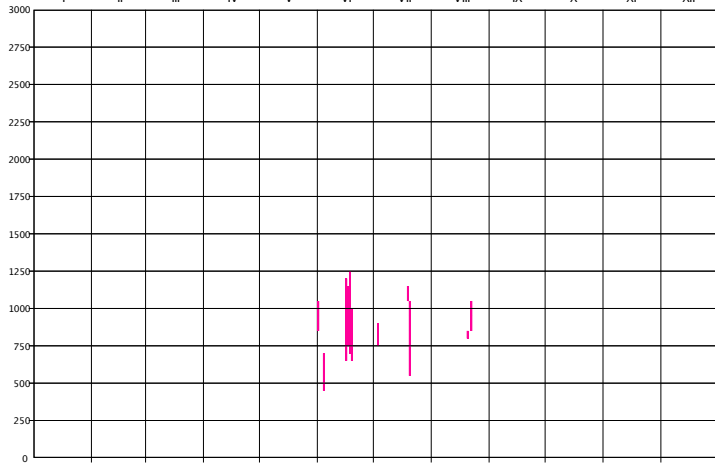
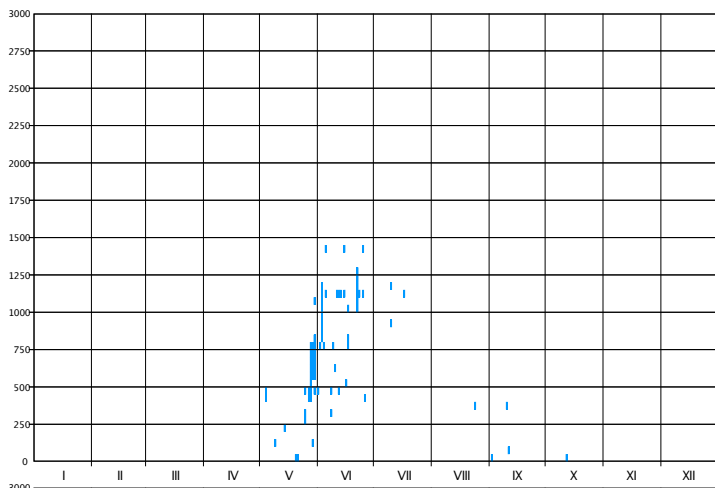


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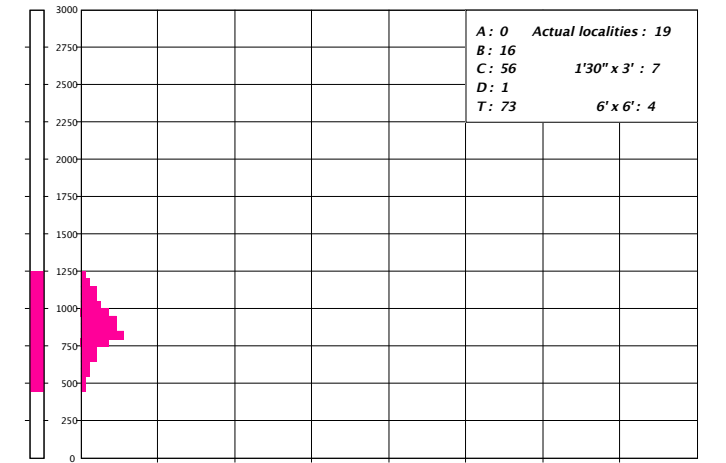


**SATYRIDAE *Pseudochazara geyeri***



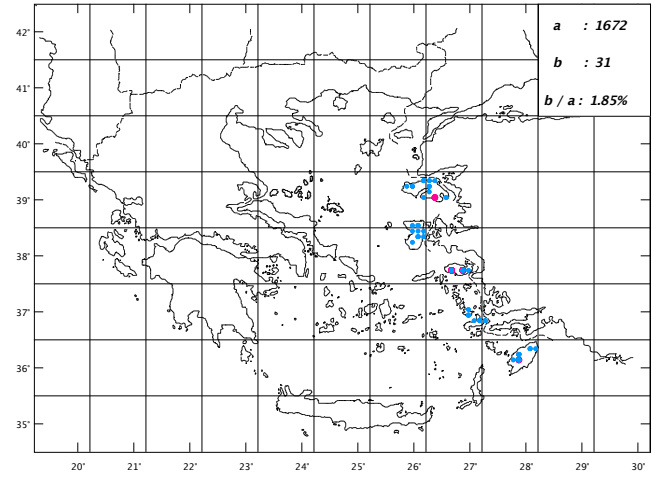


12/21  
 A : 0 Actual localities : 89  
 B : 25  
 C : 49 1'30" x 3' :  
 D : 28  
 T : 102 6' x 6' : 30



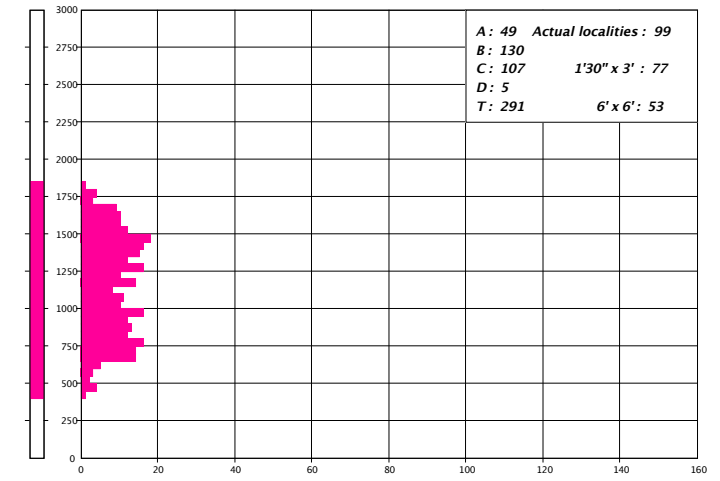
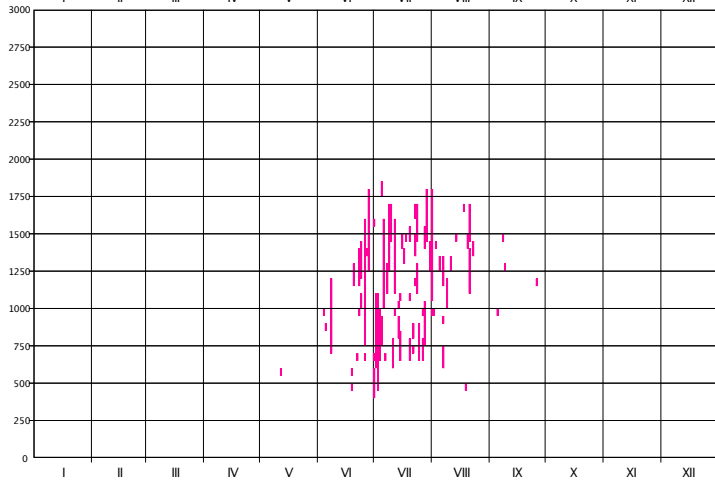
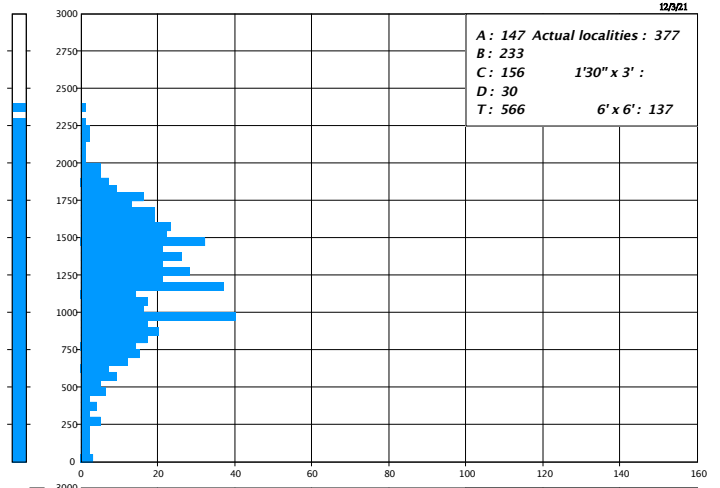
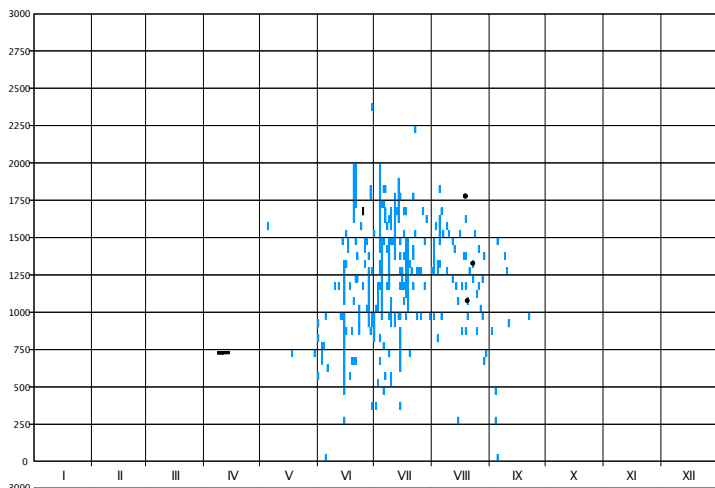
A : 0 Actual localities : 19  
 B : 16  
 C : 56 1'30" x 3' : 7  
 D : 1  
 T : 73 6' x 6' : 4

**SATYRIDAE *Pseudochazara anthelea***

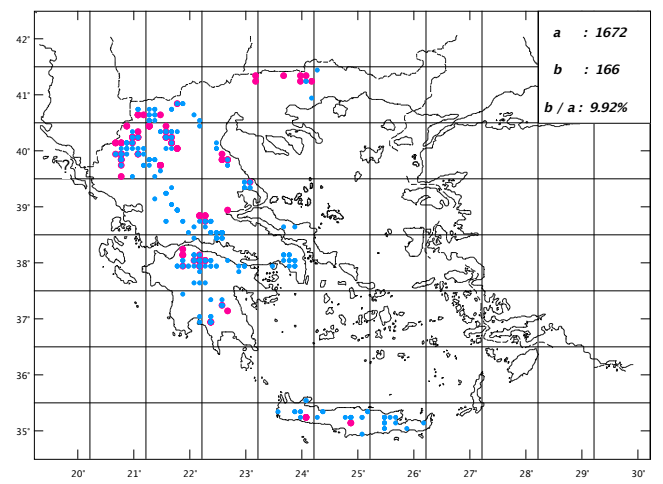
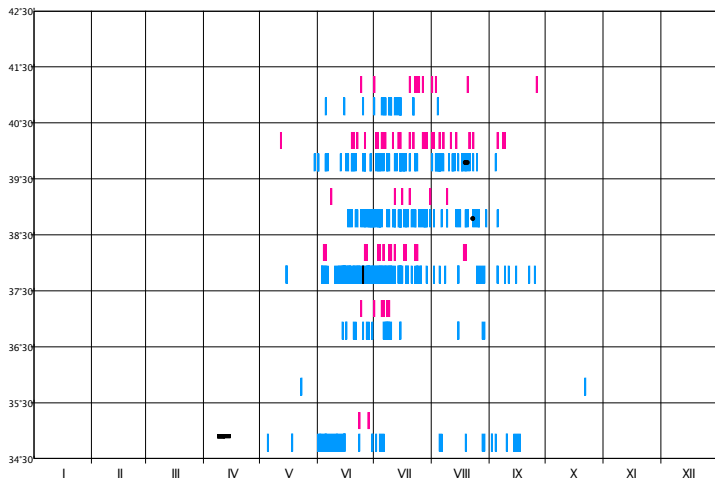


a : 1672  
 b : 31  
 b / a : 1.85%

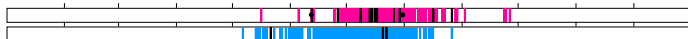
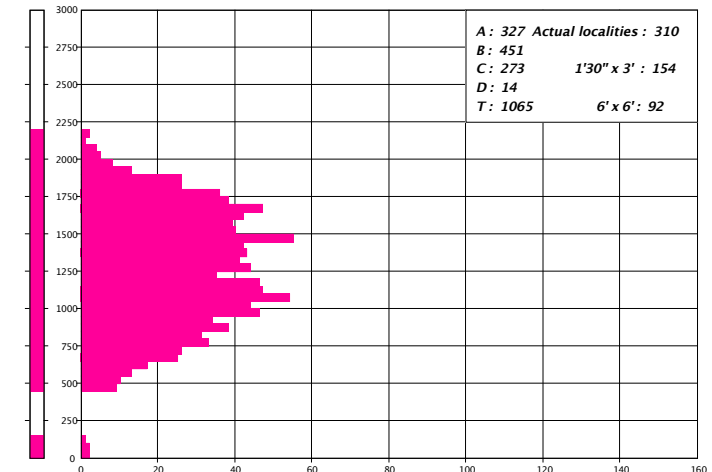
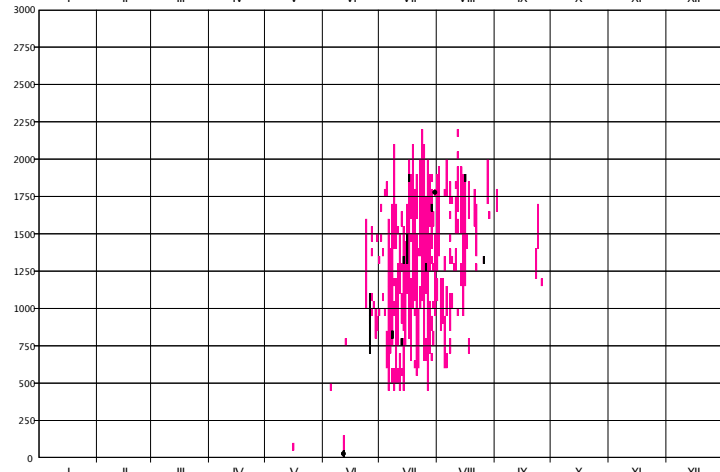
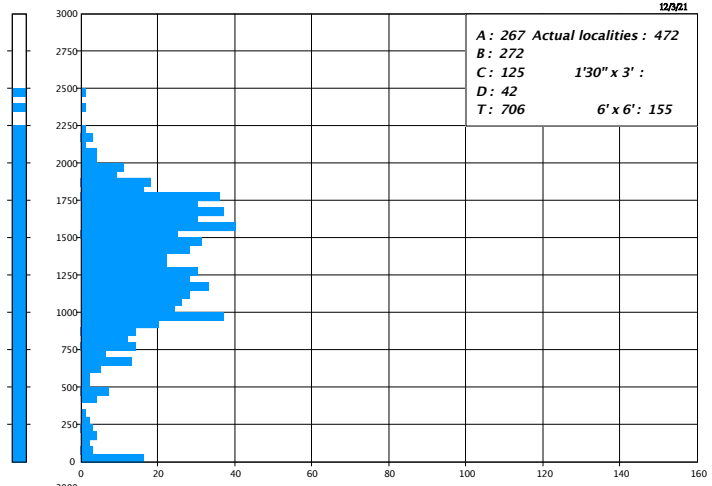
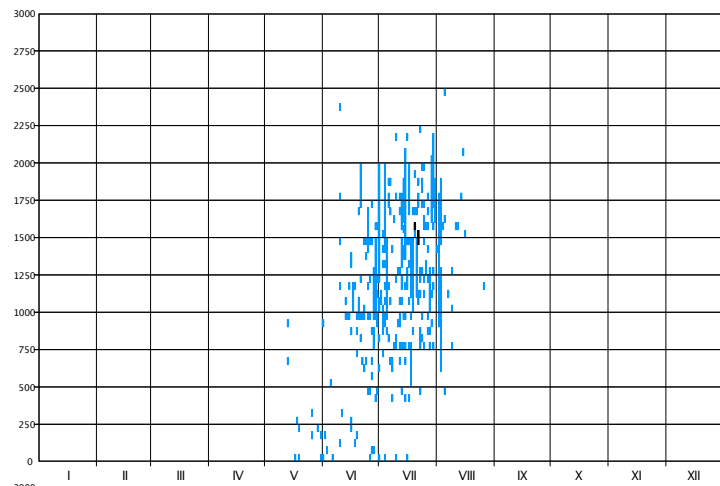
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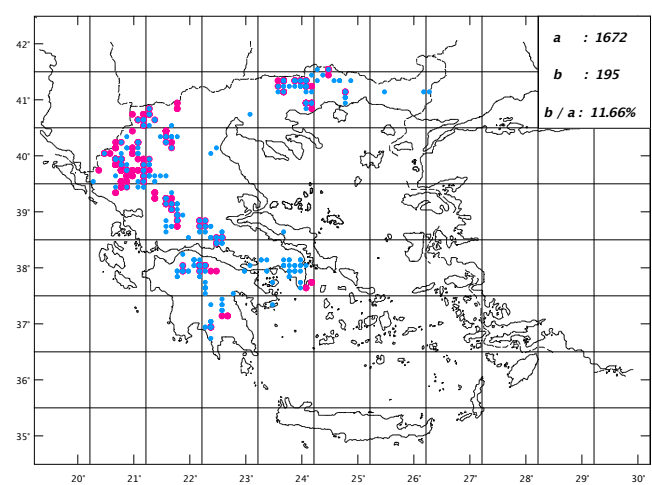
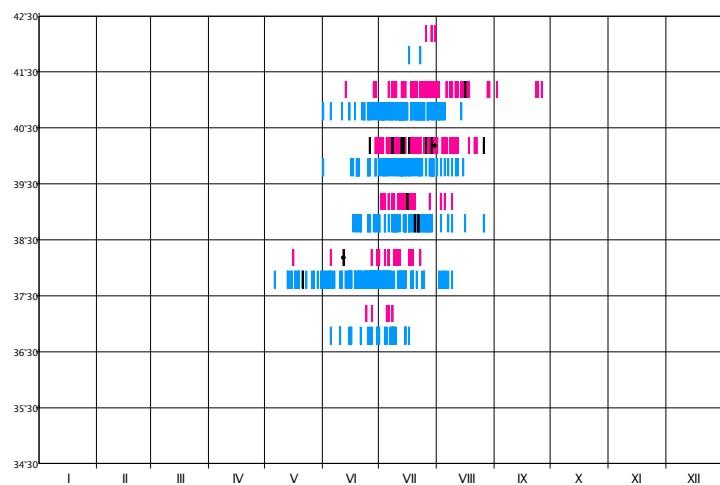
**SATYRIDAE *Pseudochazara amalthea***

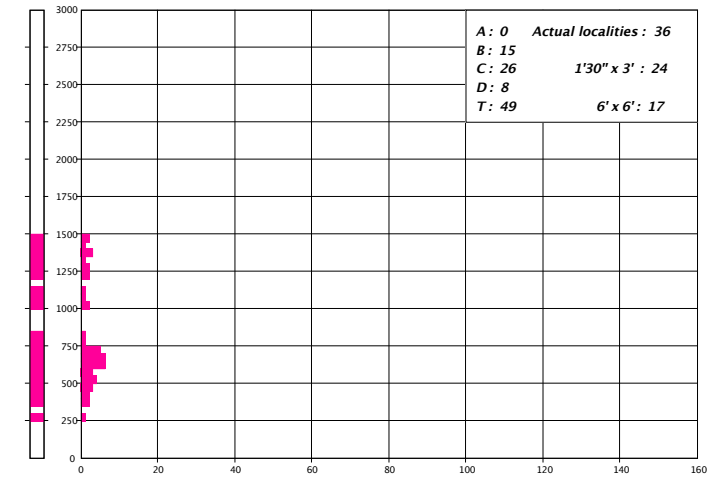
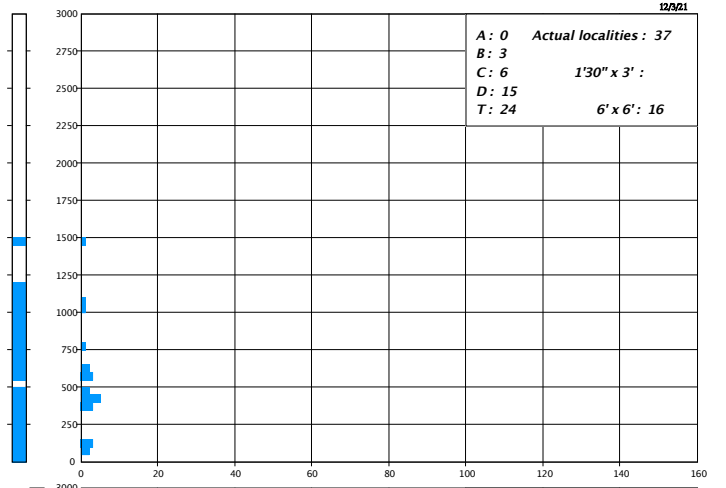
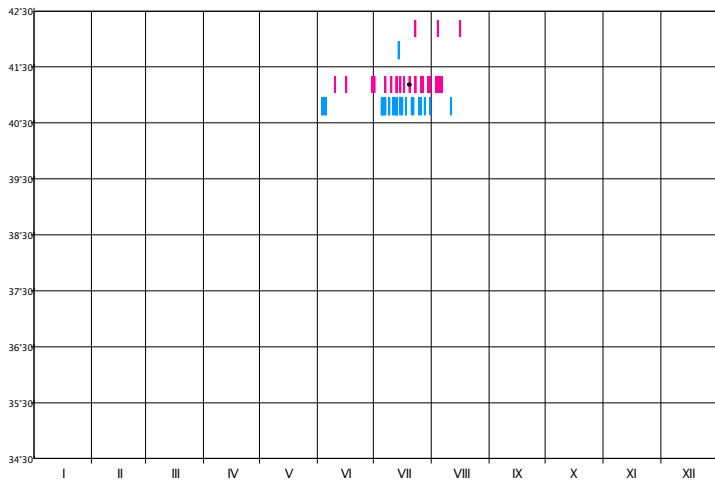
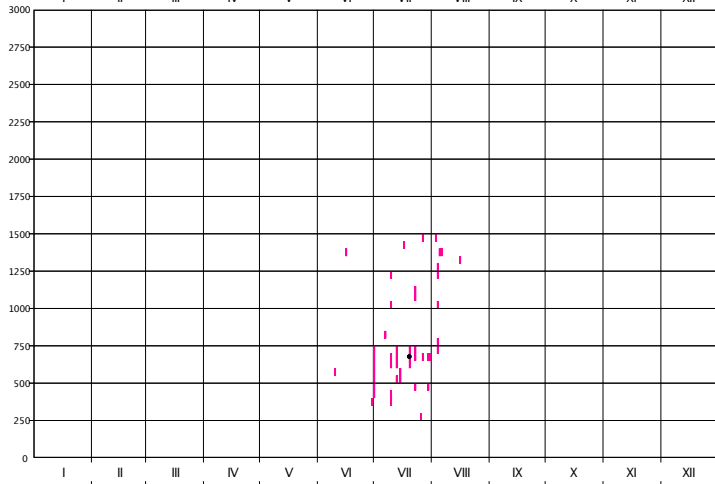
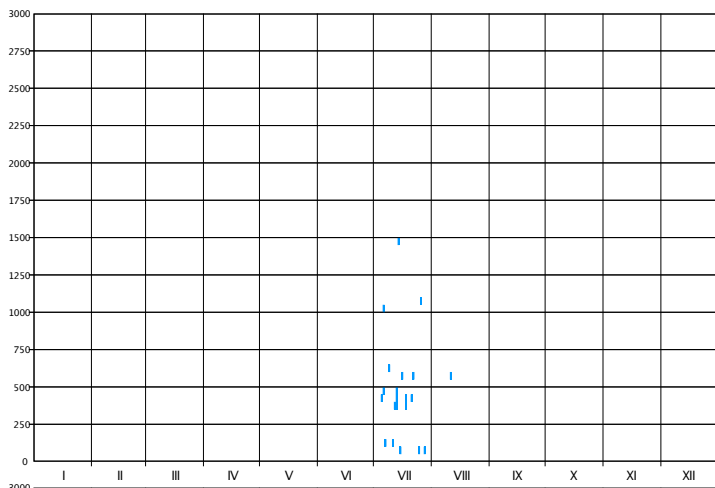


[http://www.pamperis.gr/PHOTOGRAPHS/Pseudochazara\\_anthelea\\_amalthea\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Pseudochazara_anthelea_amalthea_complex.html)

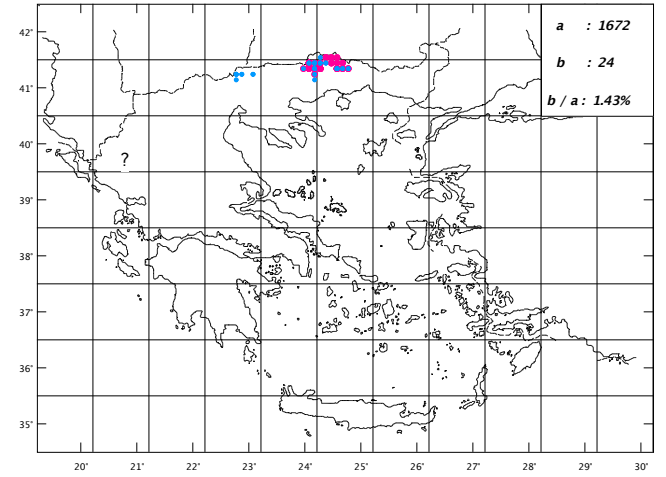


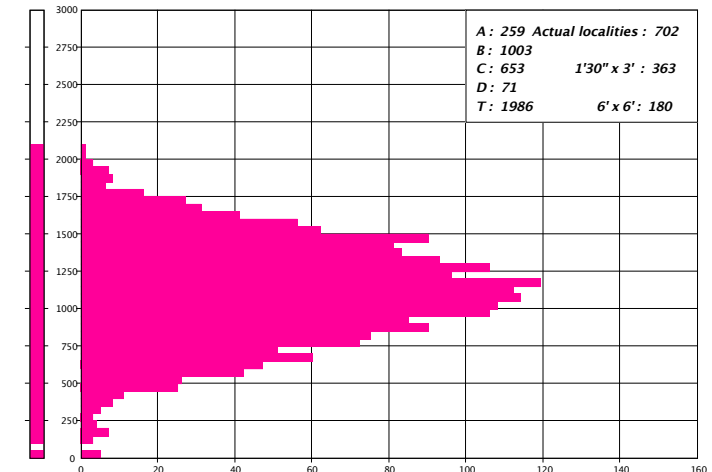
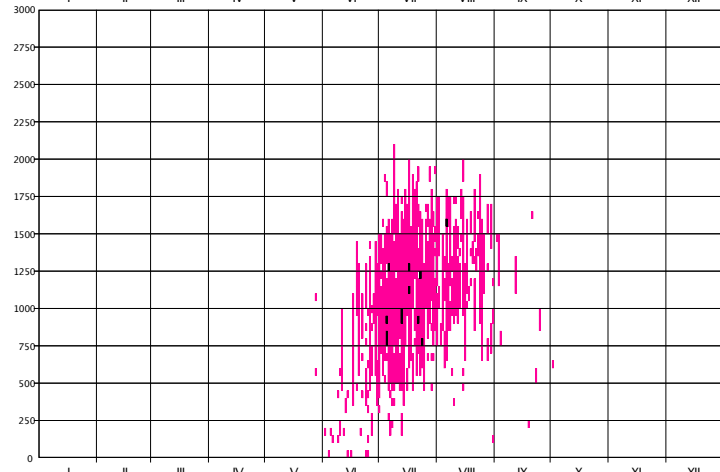
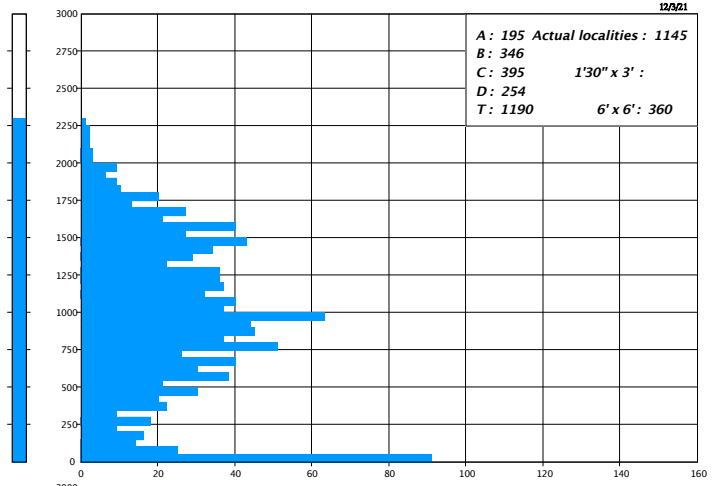
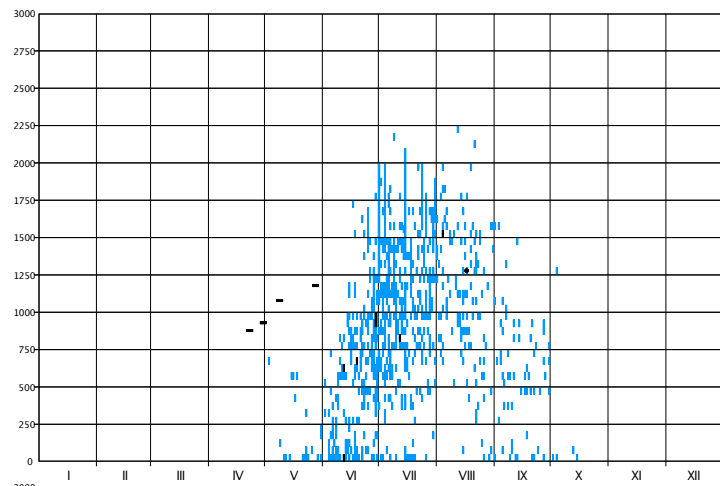
**SATYRIDAE *Satyrus ferula***



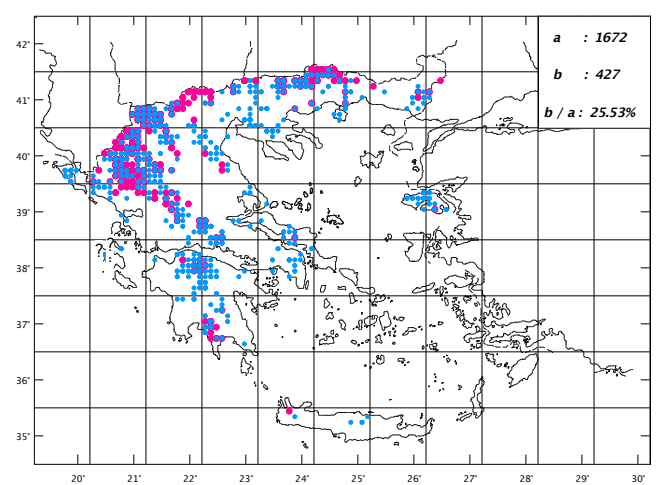
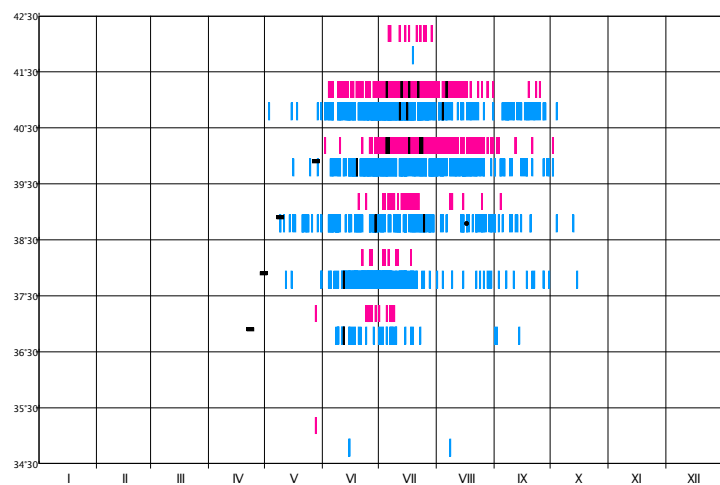


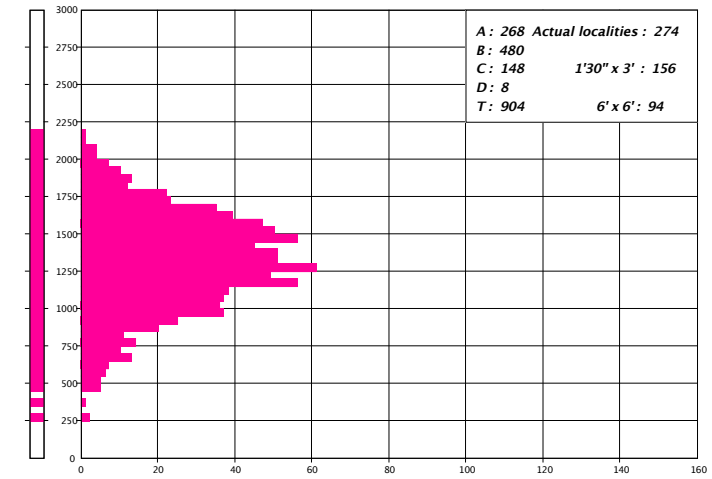
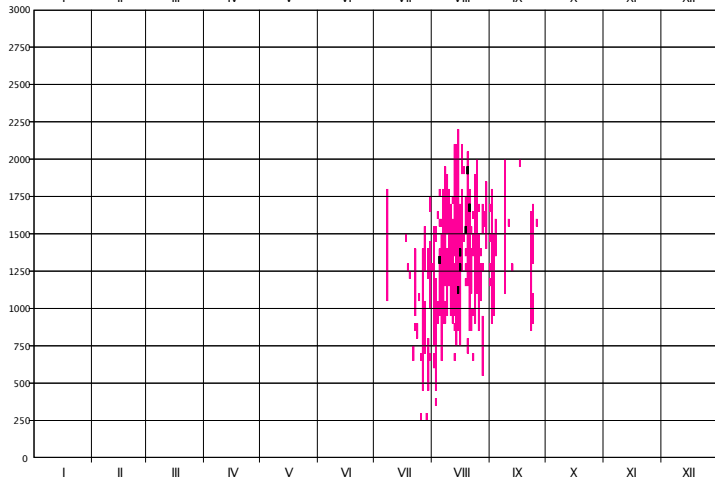
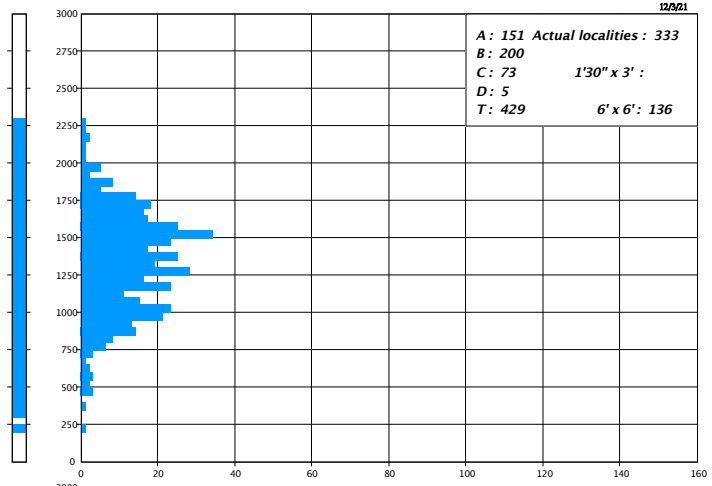
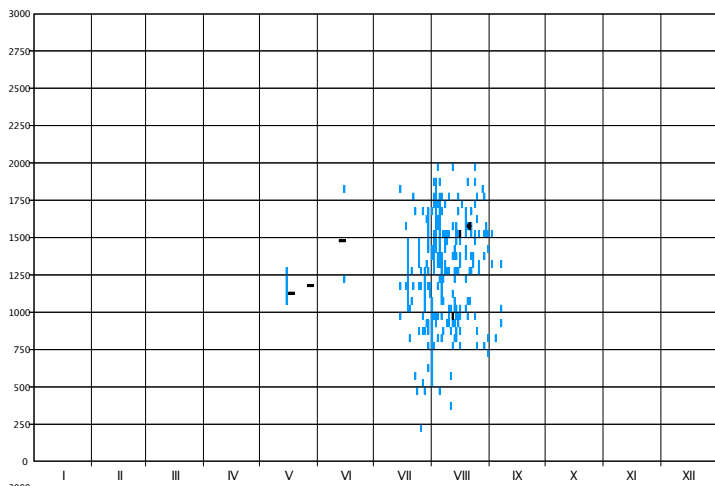
**SATYRIDAE *Minois dryas***



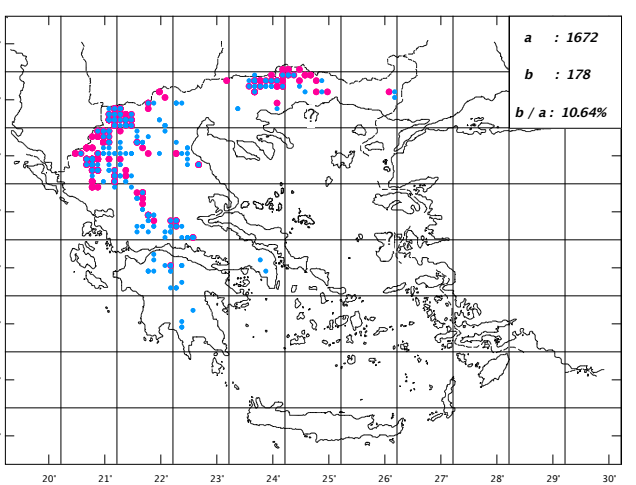
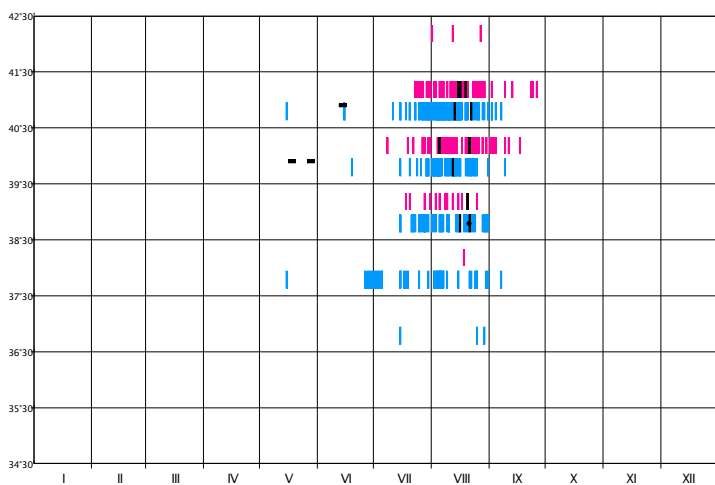


**SATYRIDAE *Brintesia circe***

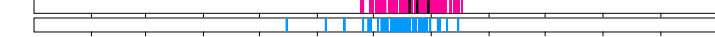
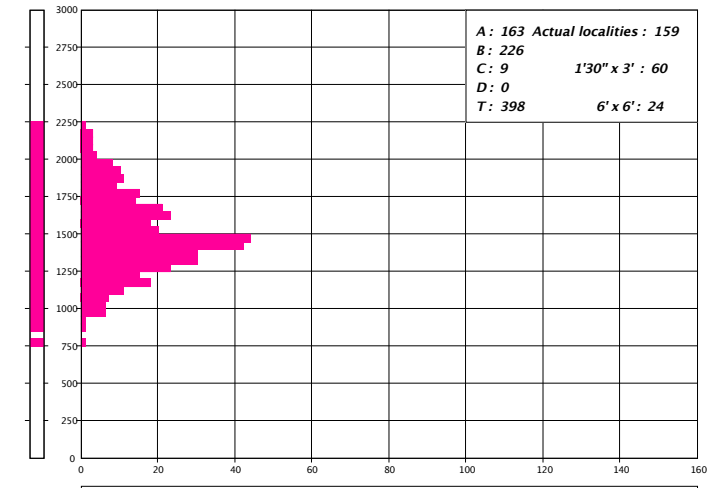
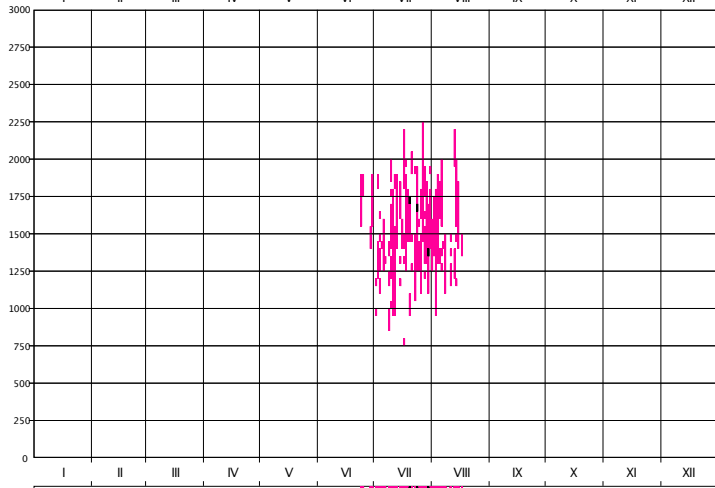
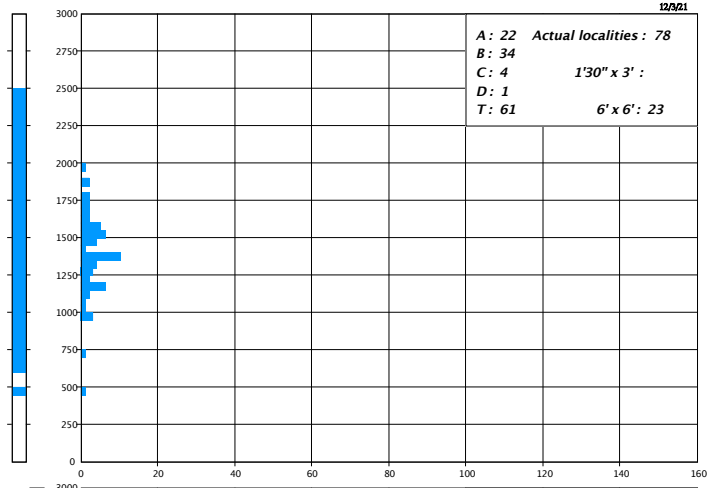
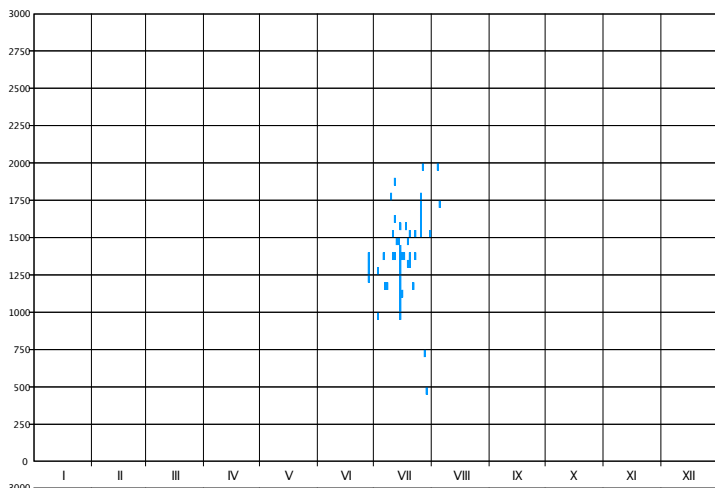




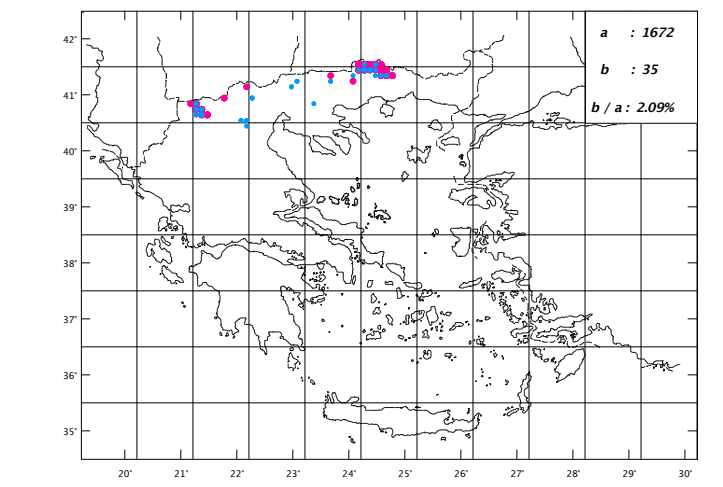
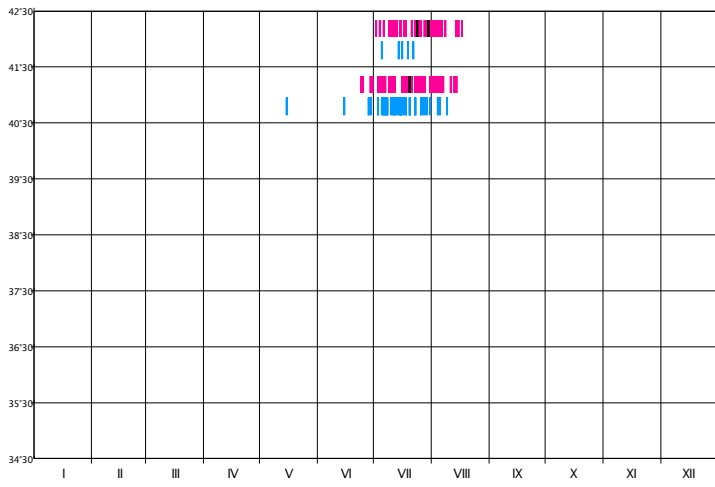
**SATYRIDAE *Arethusana arethusa***

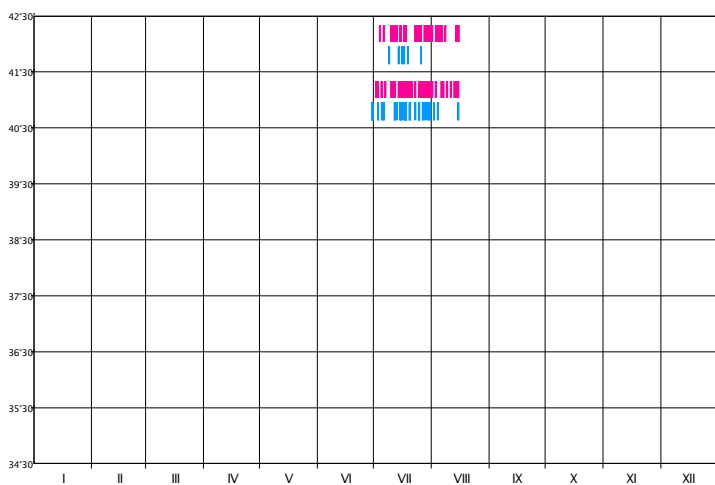
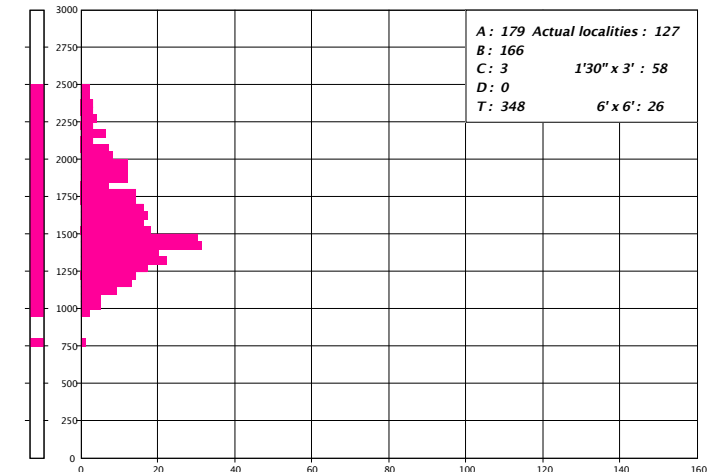
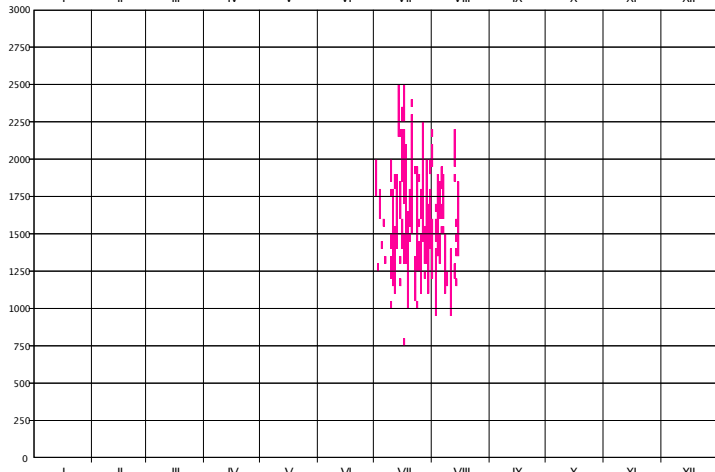
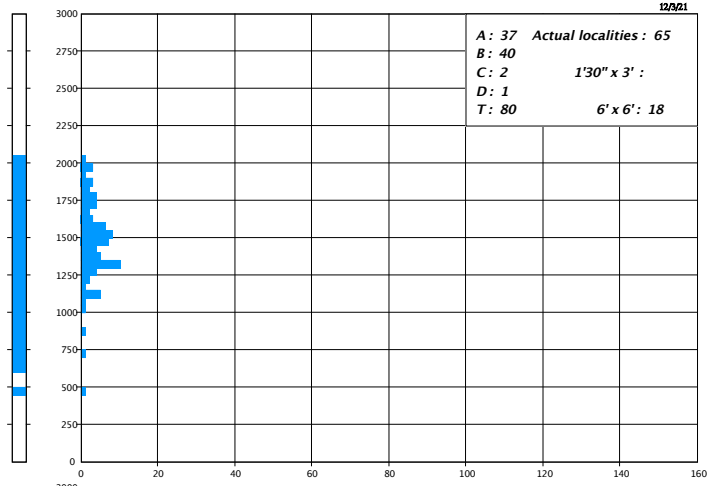
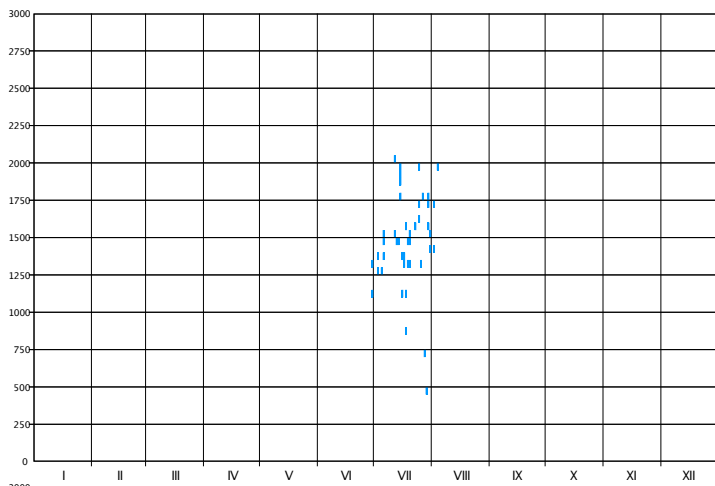




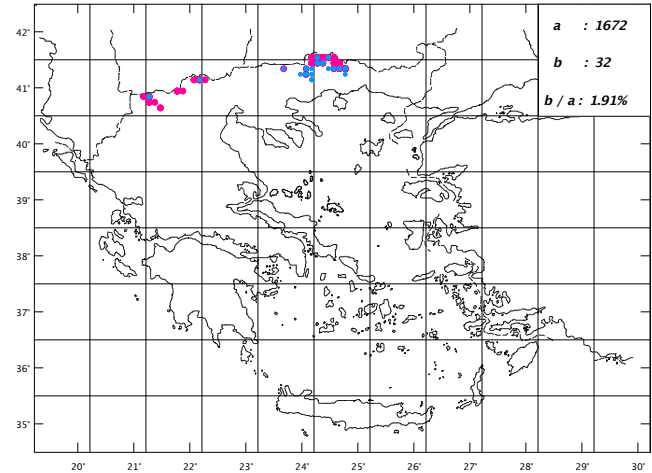


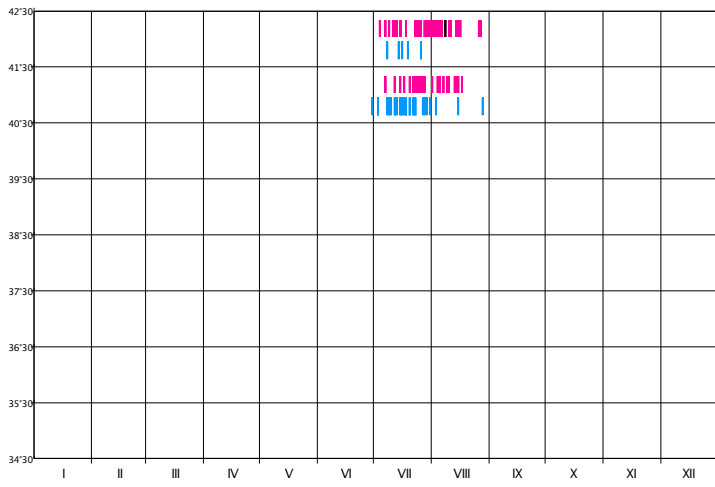
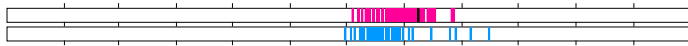
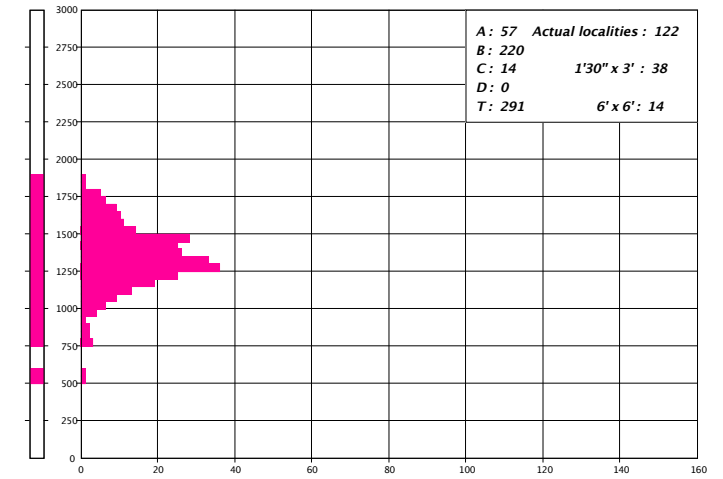
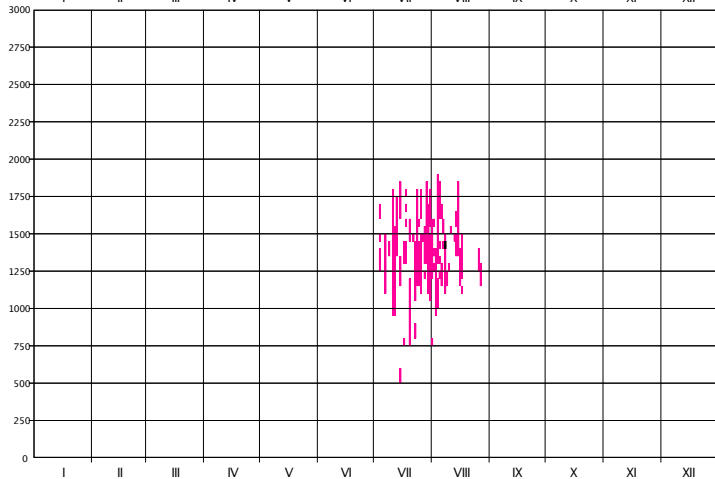
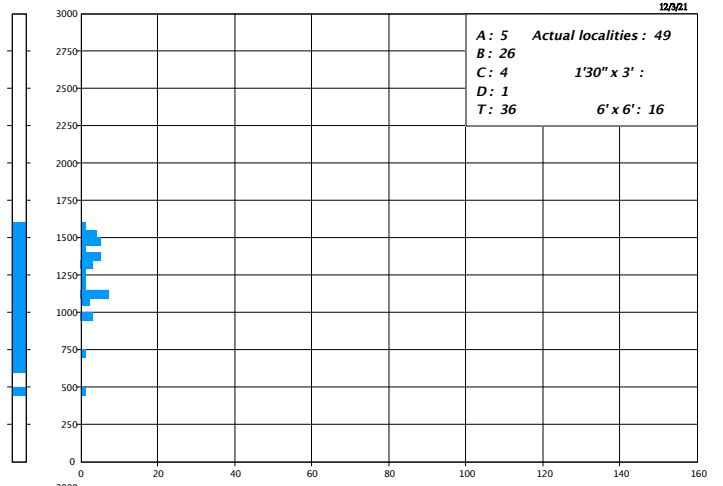
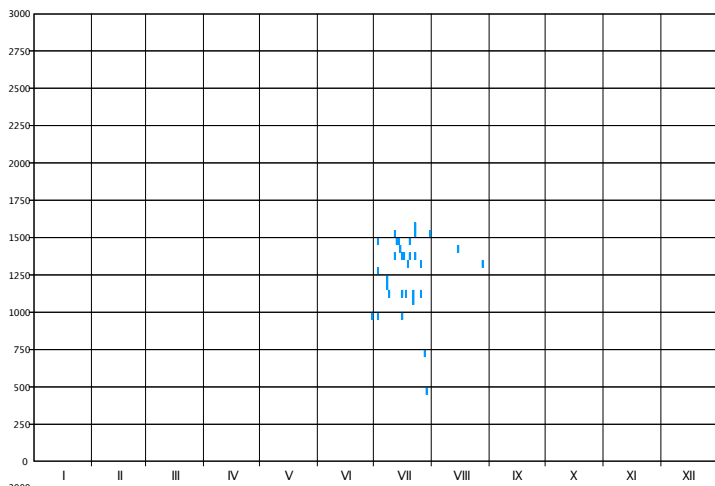
**SATYRIDAE *Erebia ligea***



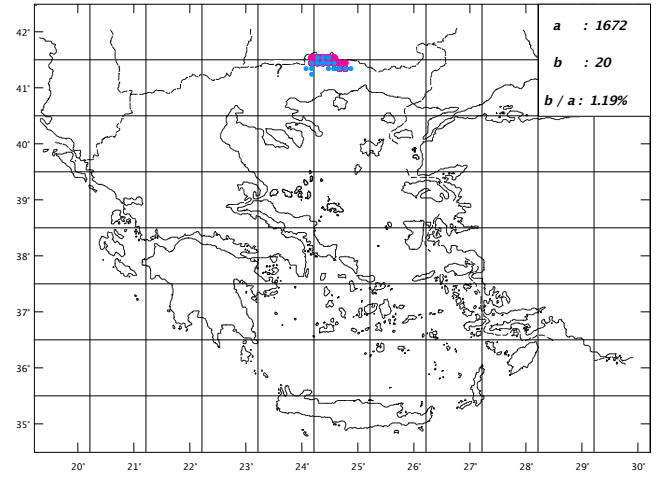


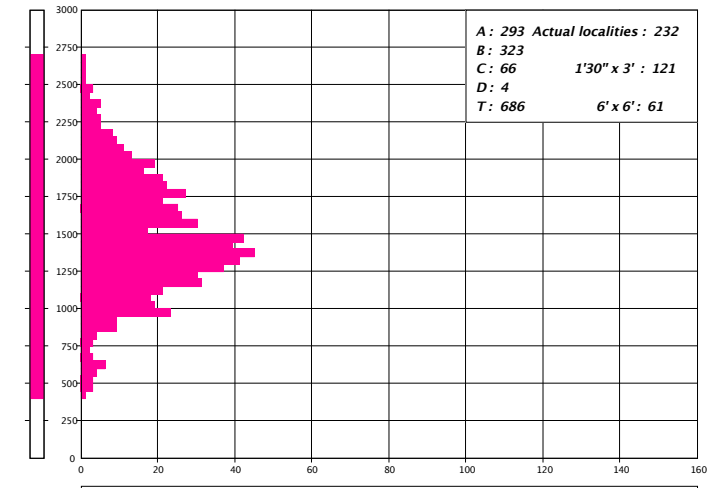
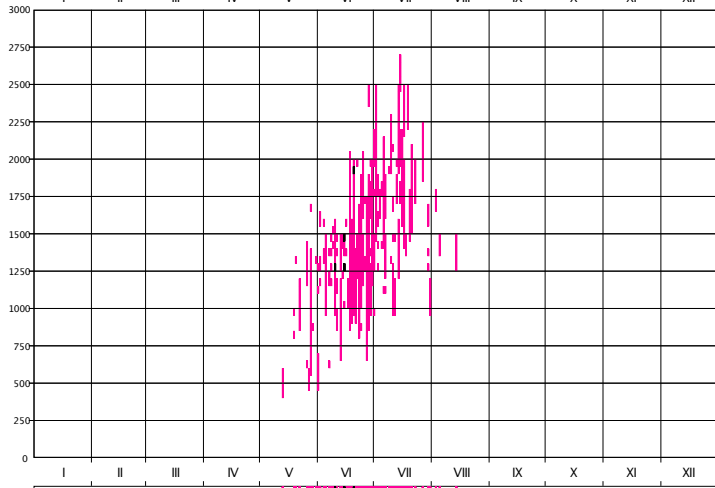
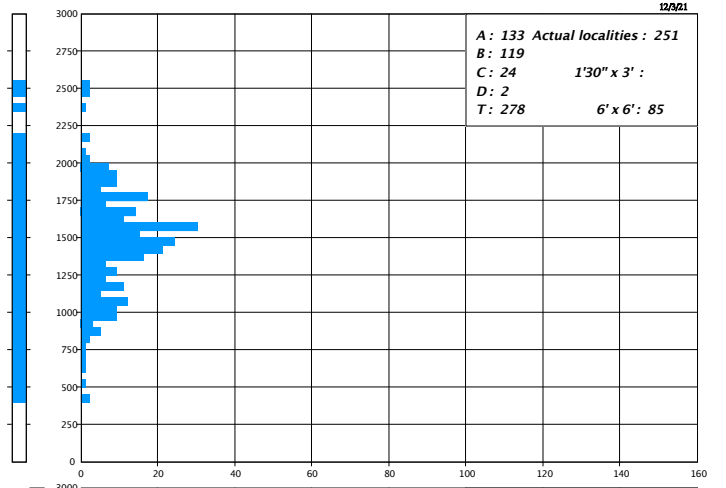
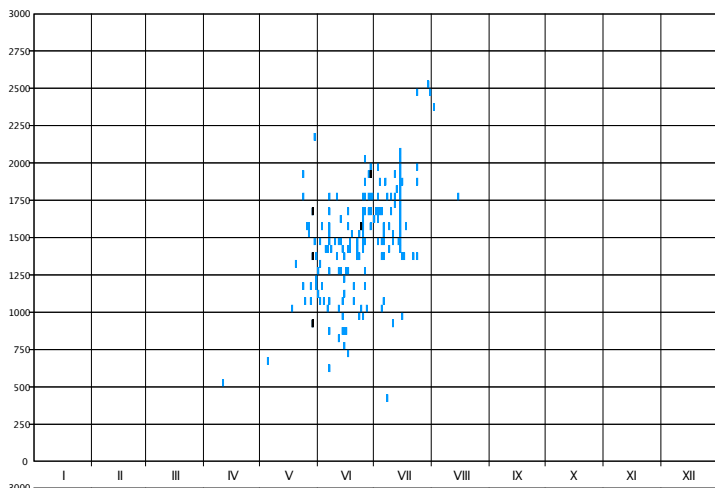
**SATYRIDAE *Erebia euryale***



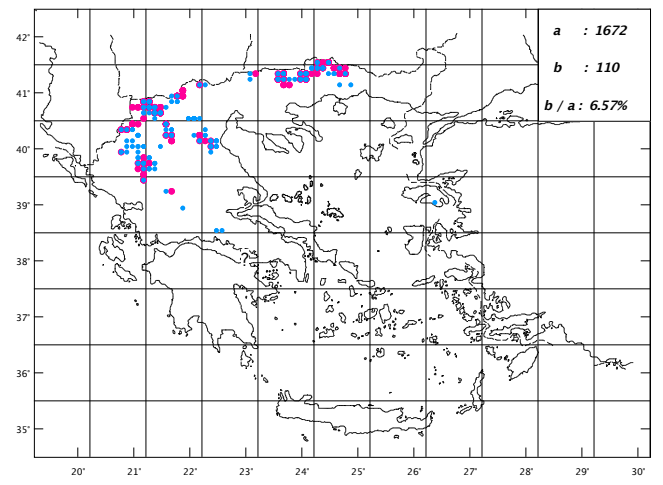
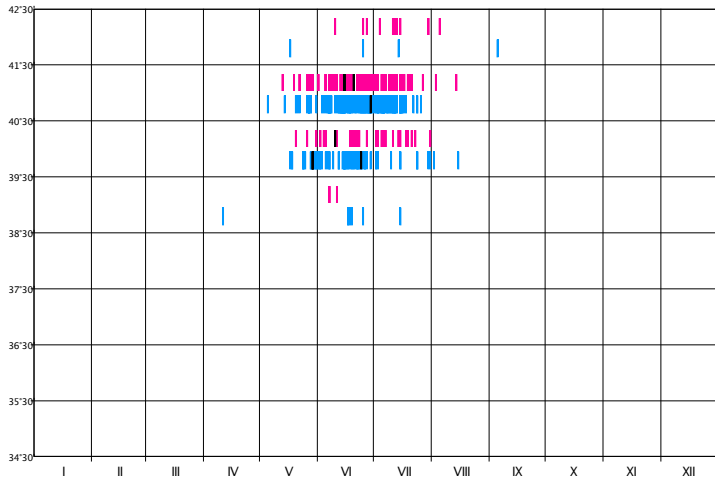


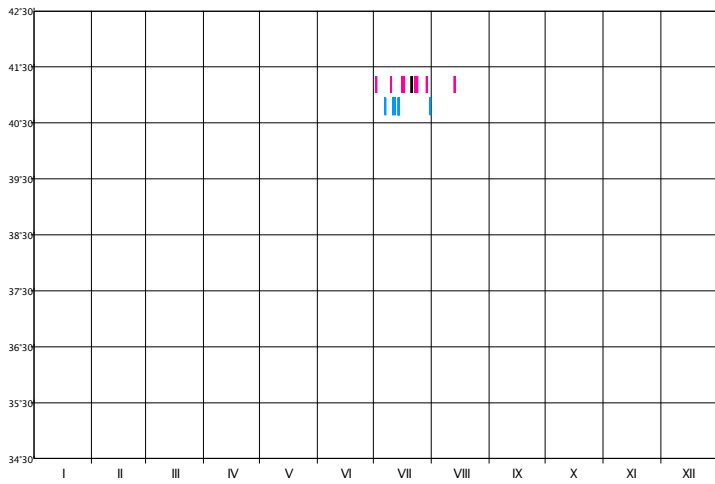
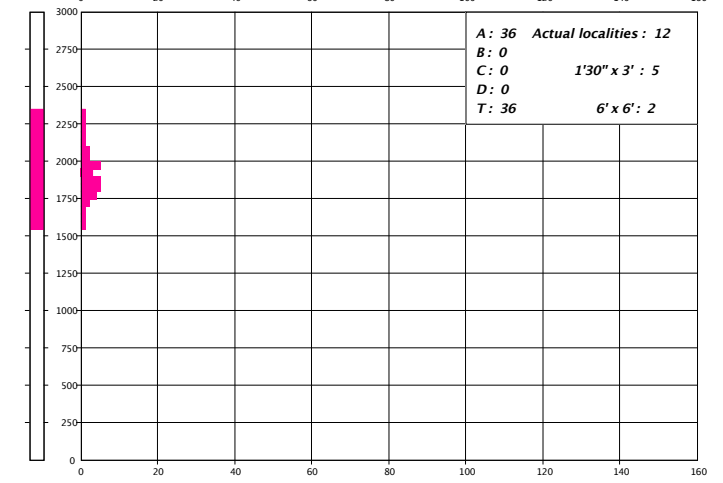
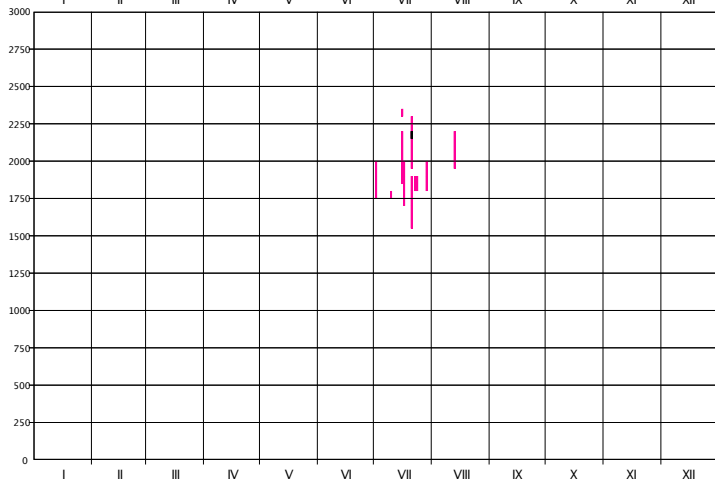
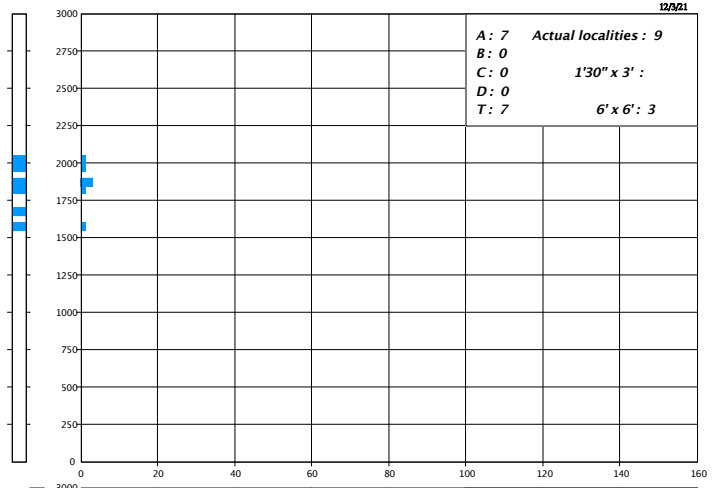
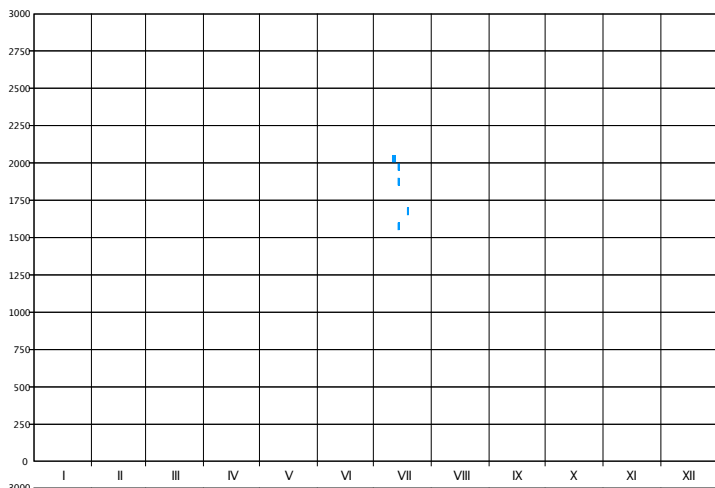
**SATYRIDAE *Erebia aethiops***



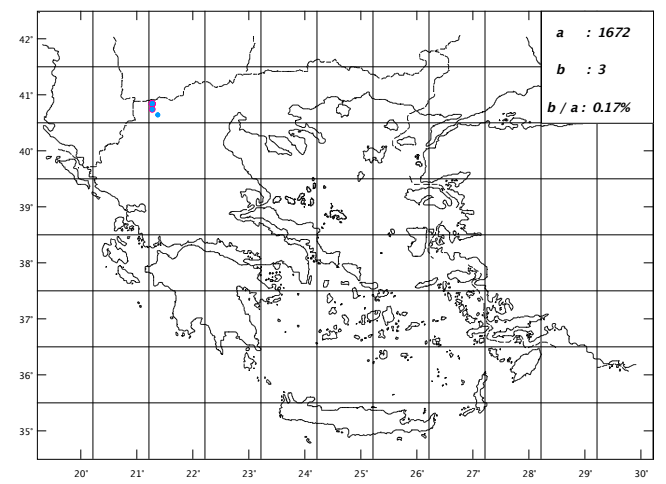


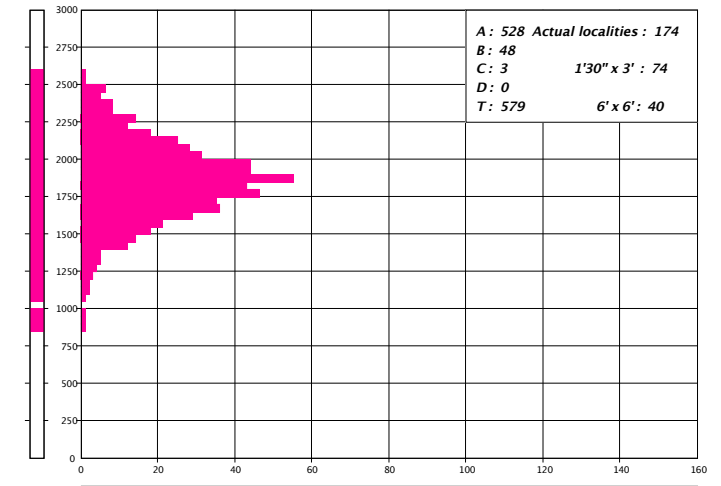
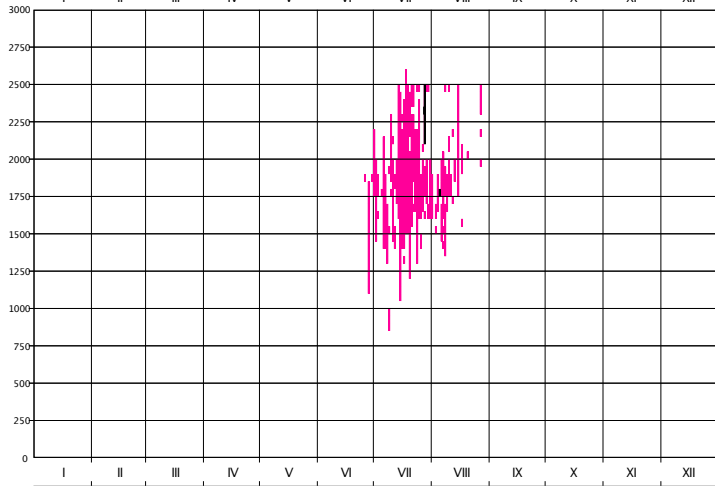
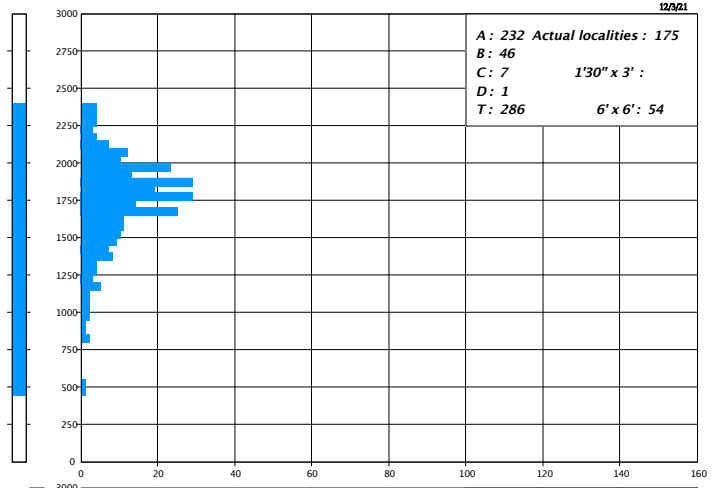
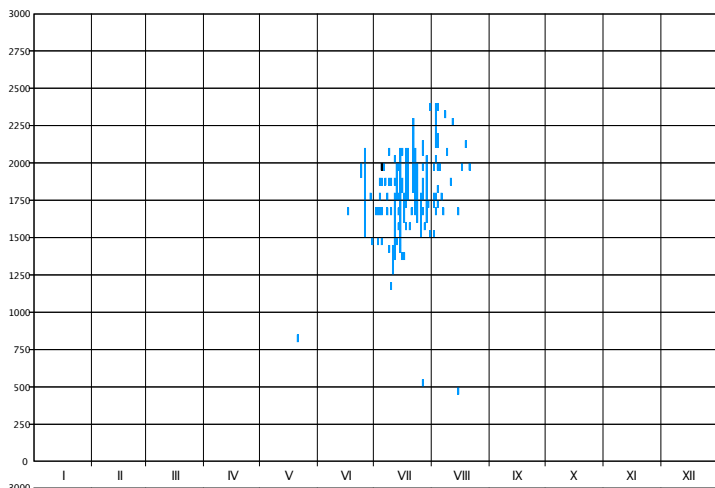
**SATYRIDAE *Erebia medusa***



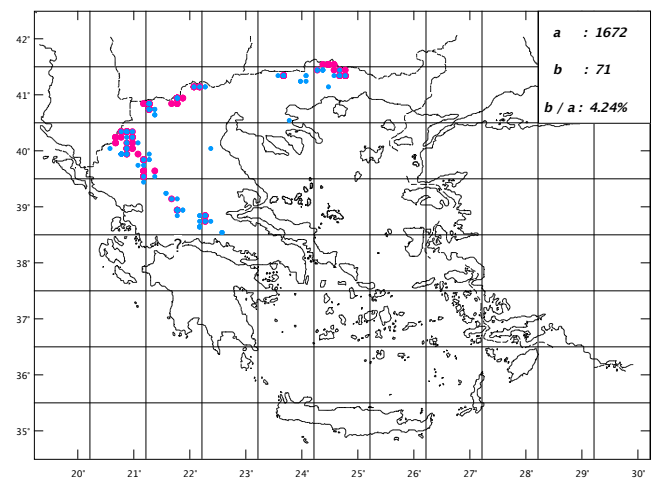
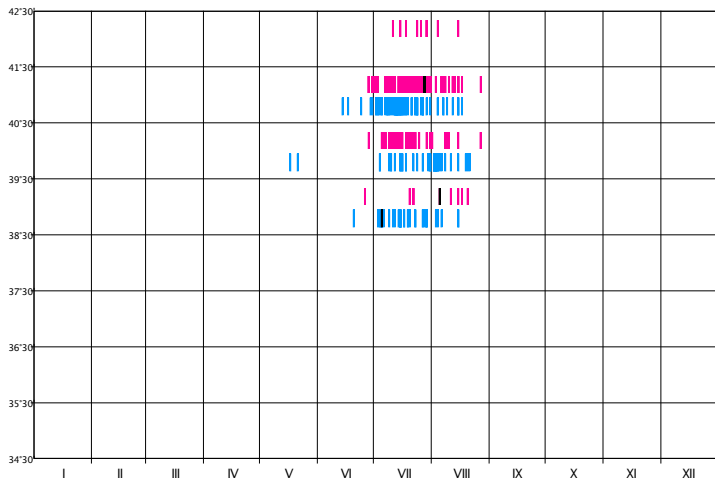


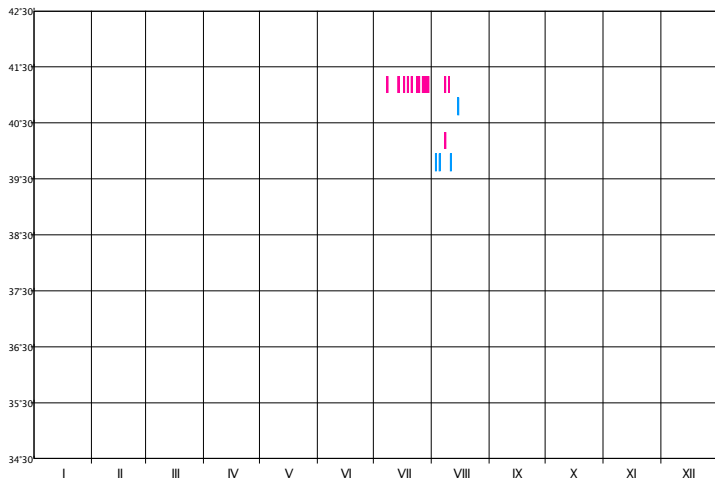
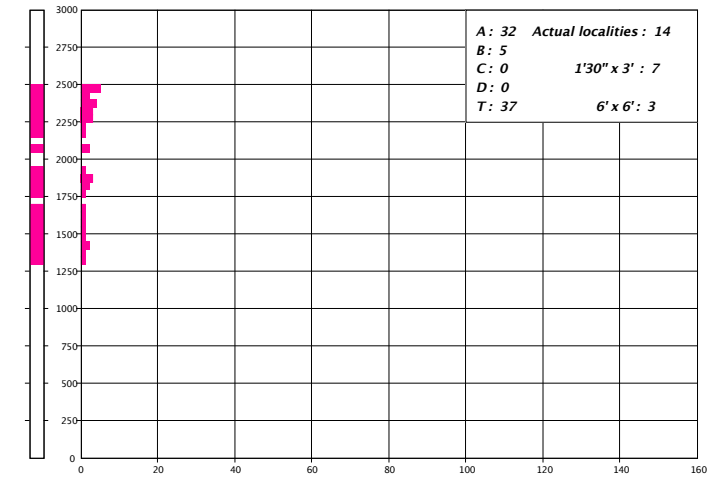
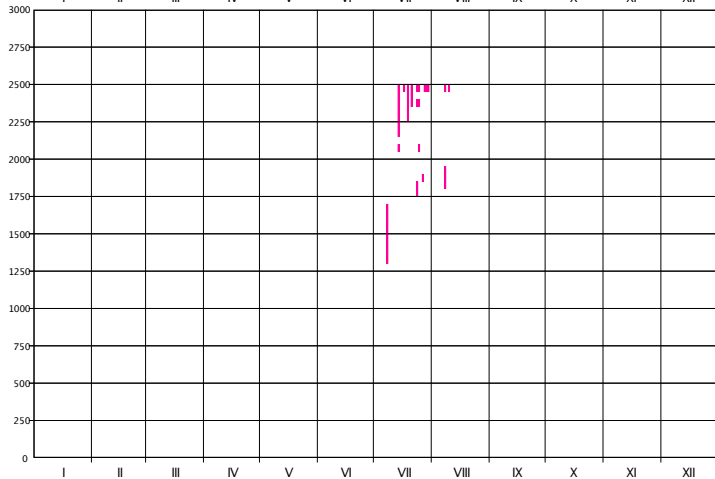
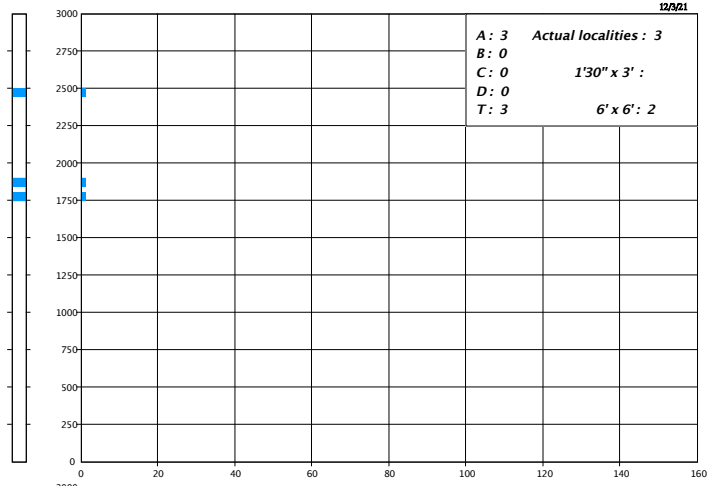
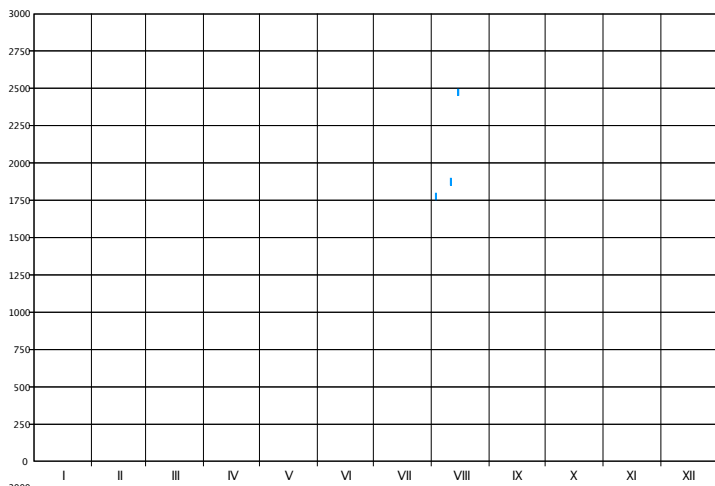
**SATYRIDAE *Erebia epiphron***



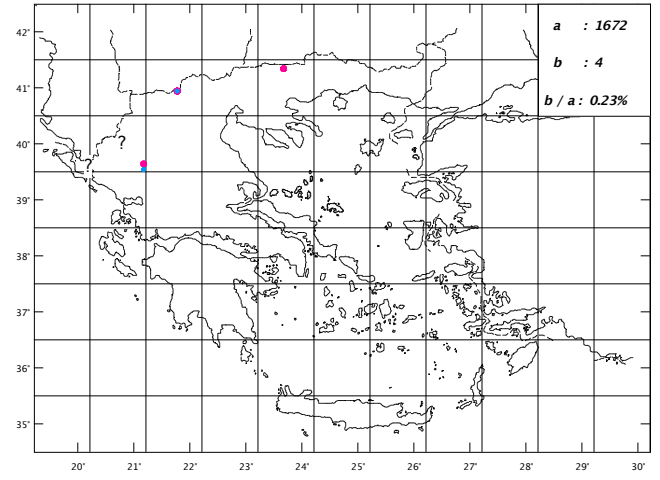


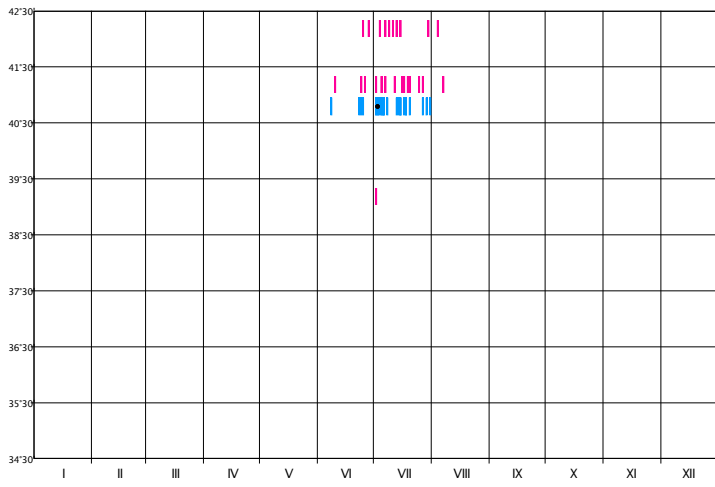
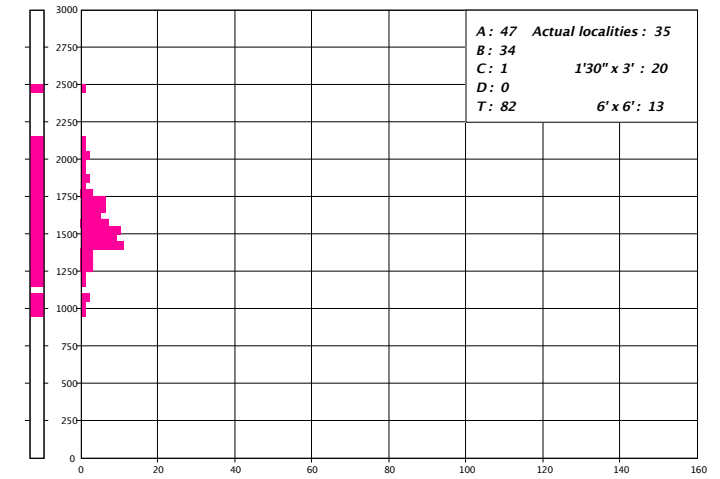
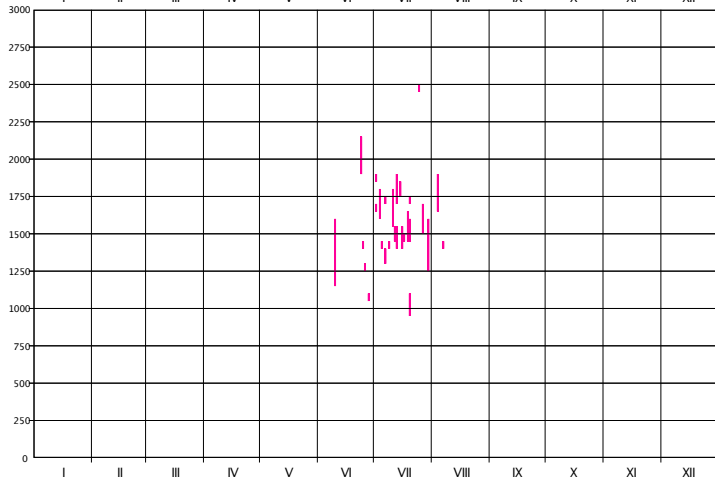
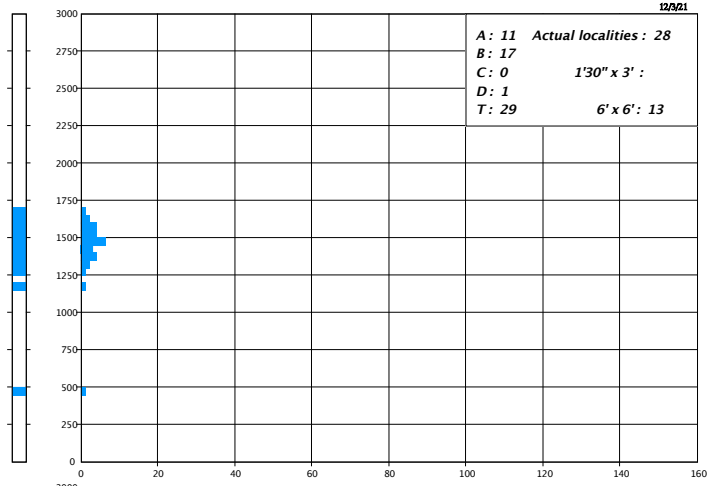
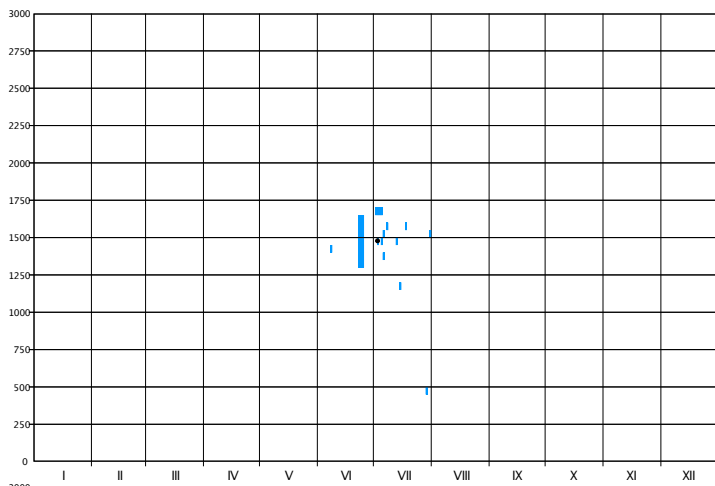
**SATYRIDAE *Erebia ottomana***



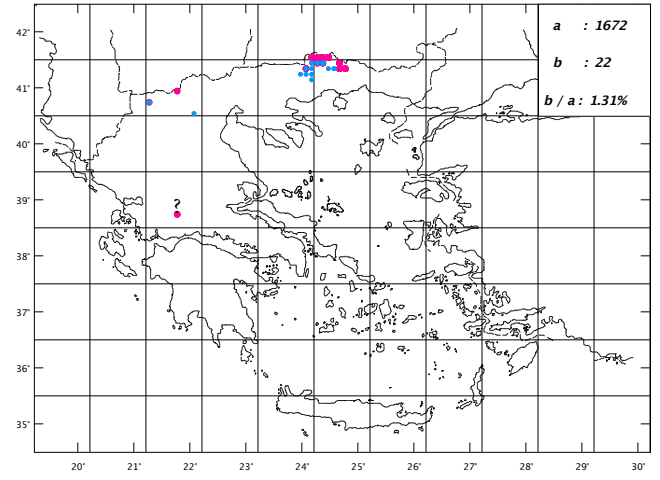


**SATYRIDAE *Erebia neleus***

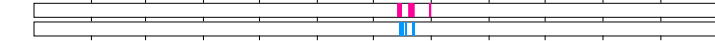
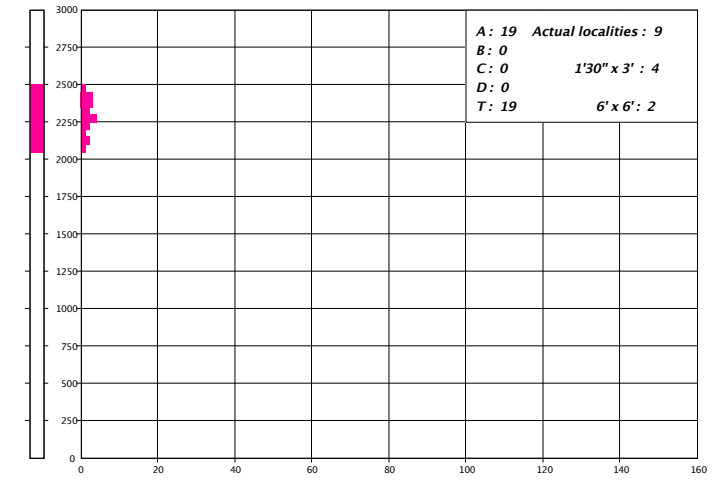
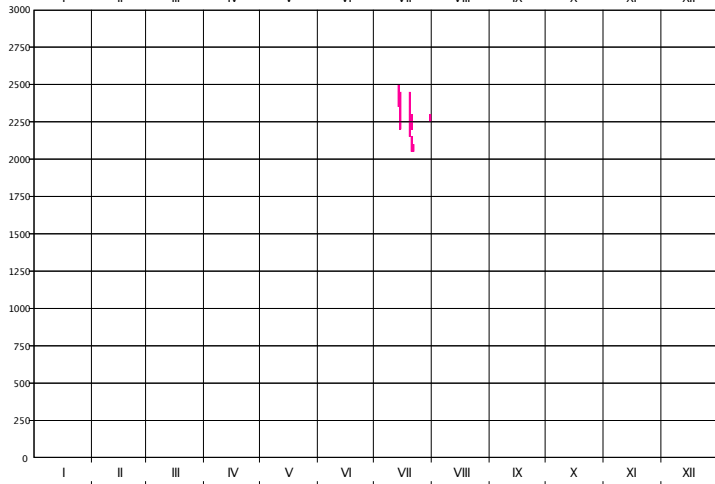
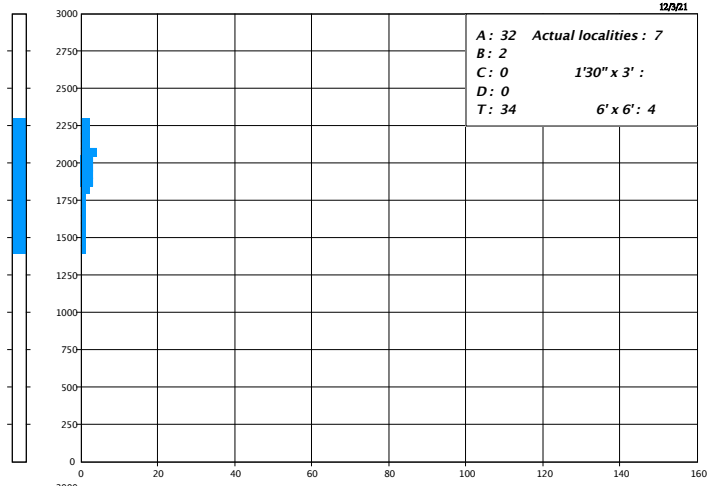
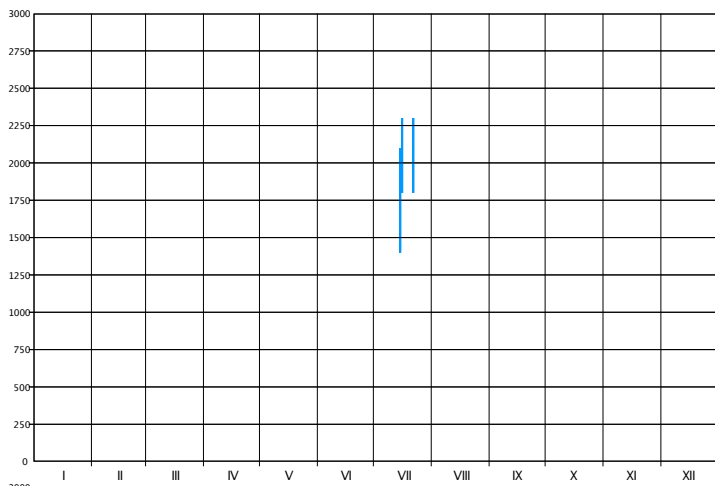




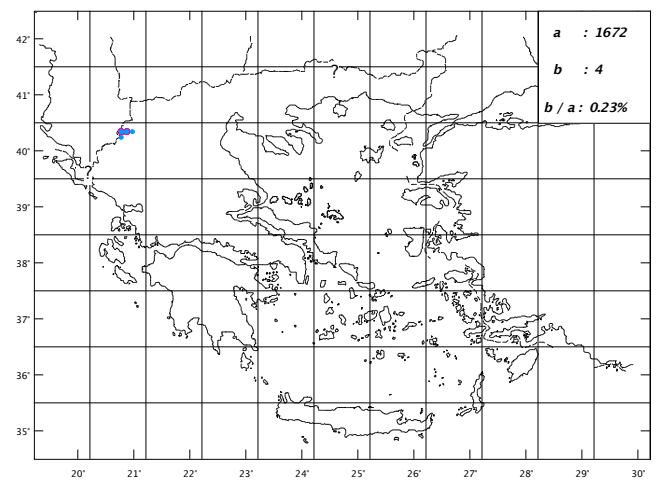
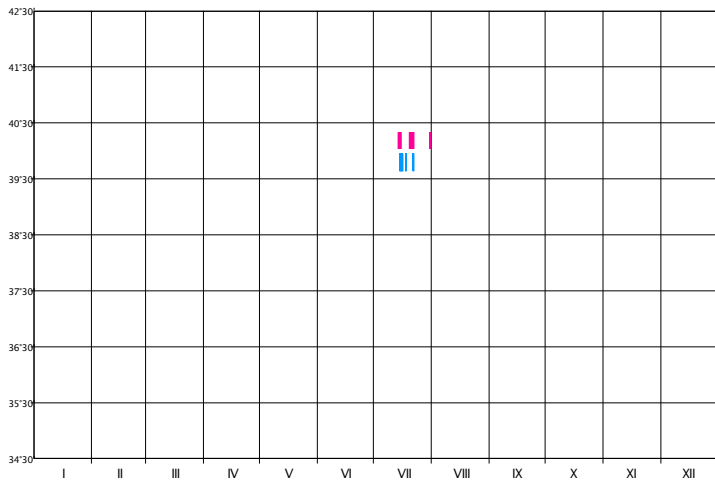
**SATYRIDAE *Erebia oeme***

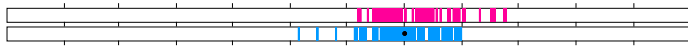
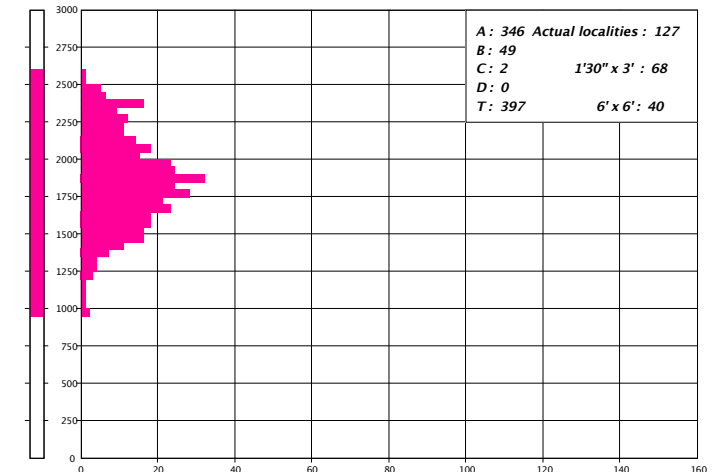
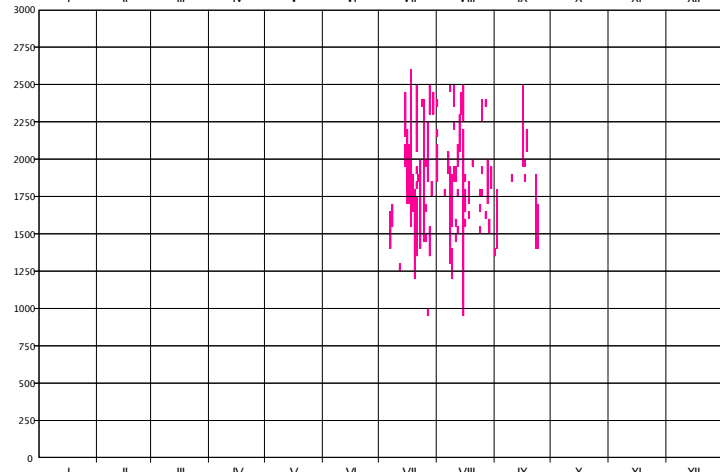
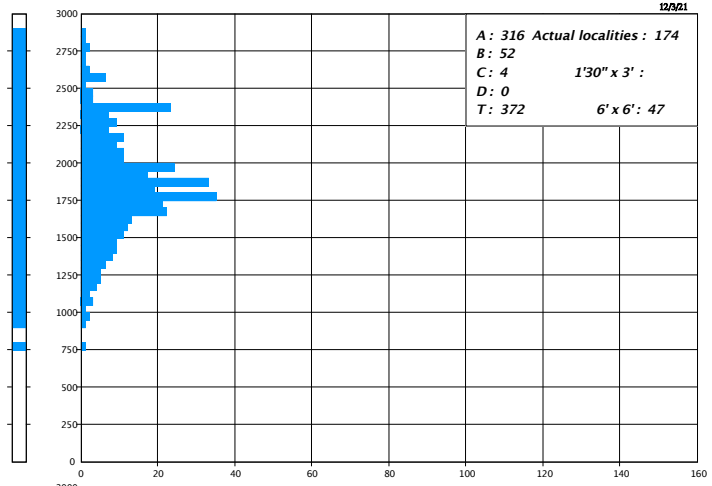
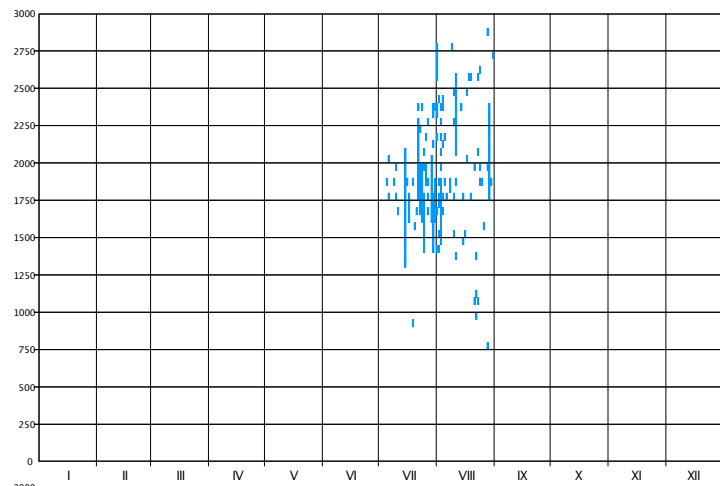




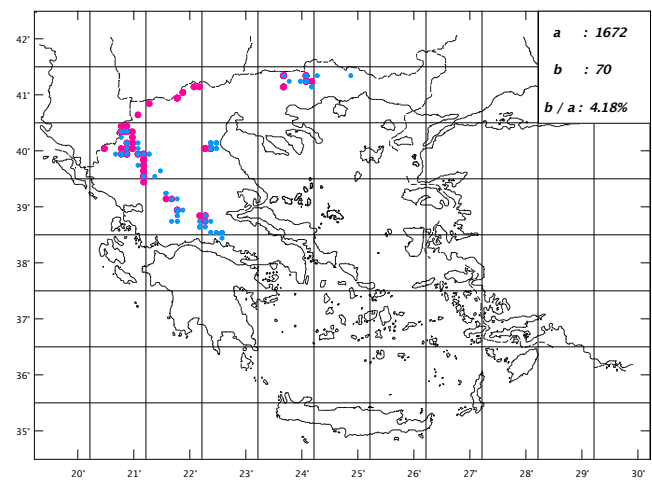
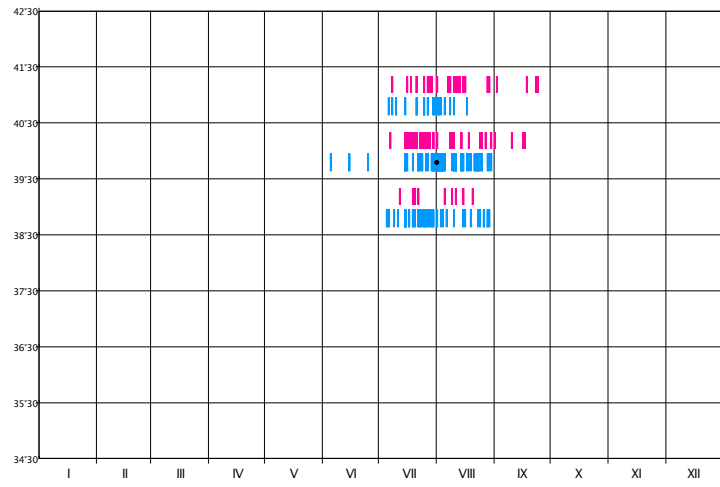


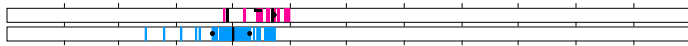
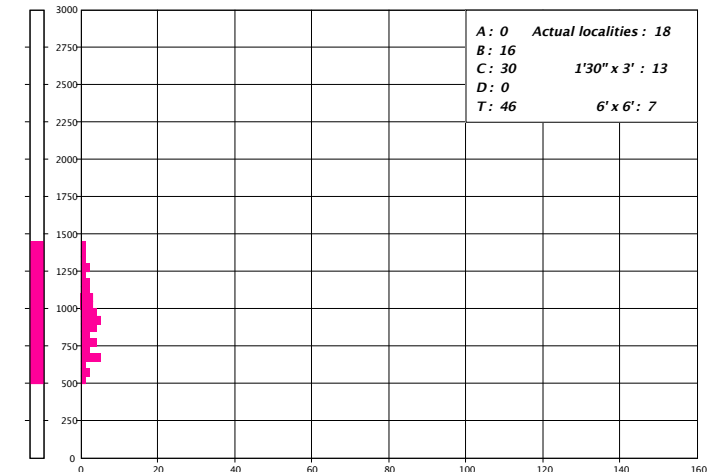
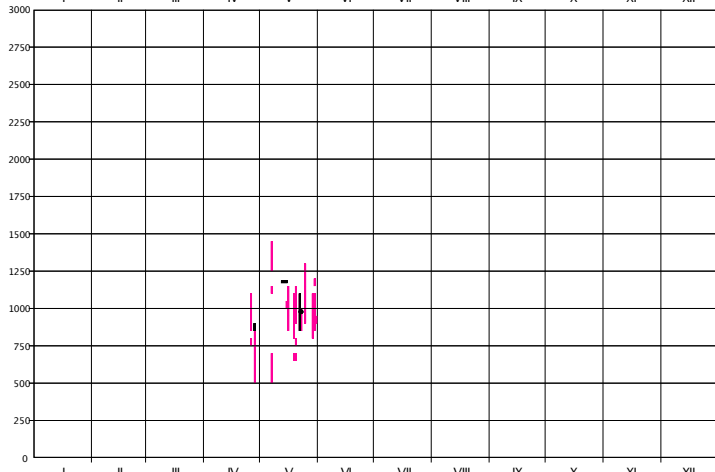
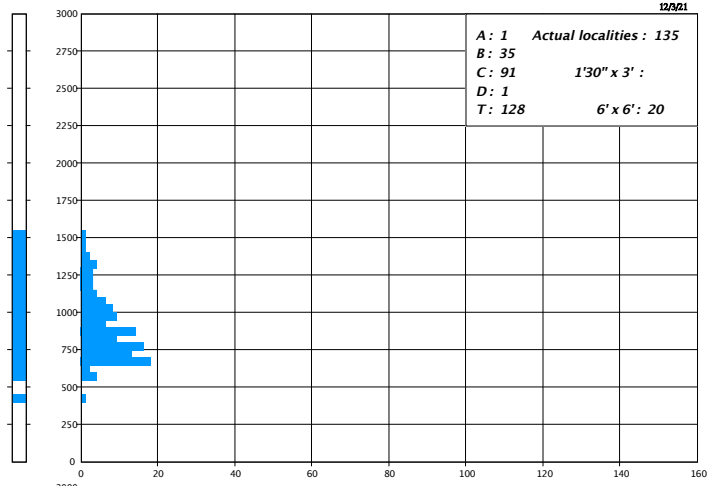
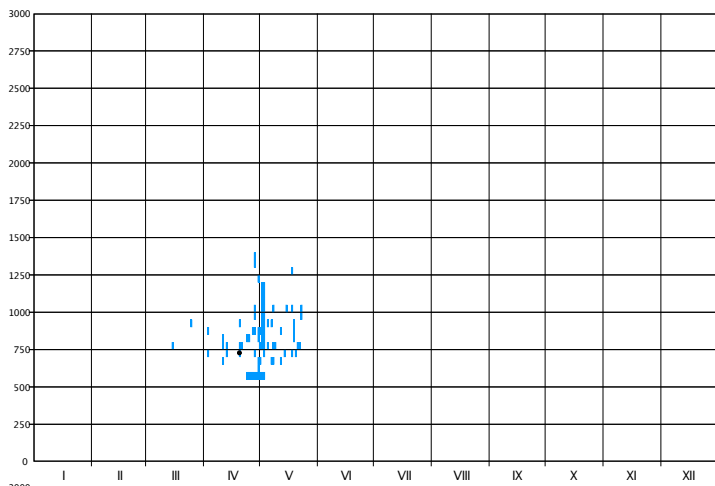
**SATYRIDAE *Erebia rhodopensis***



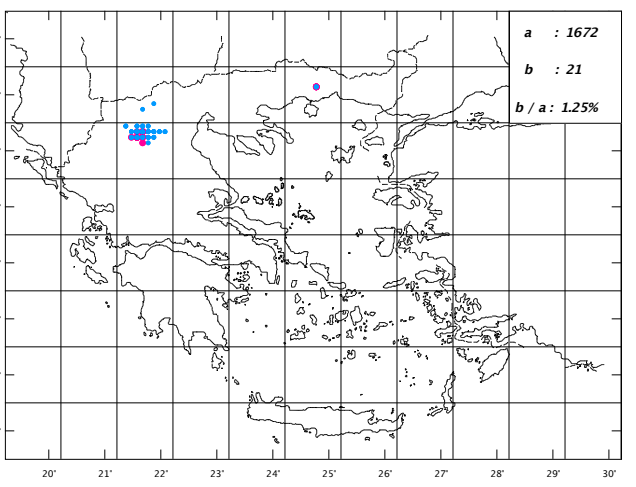
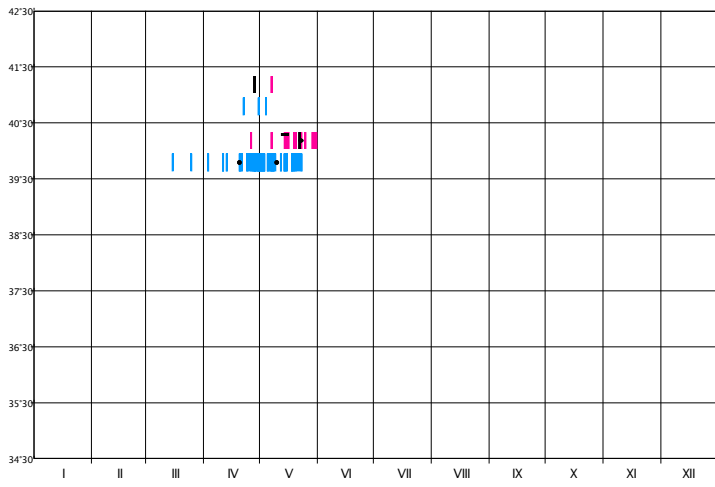


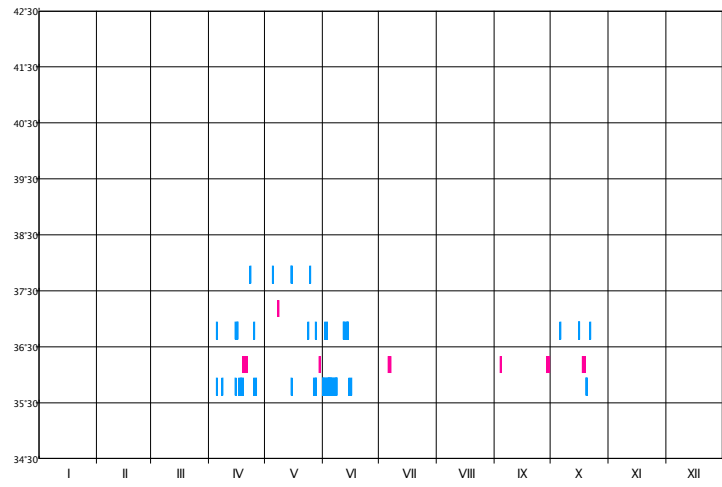
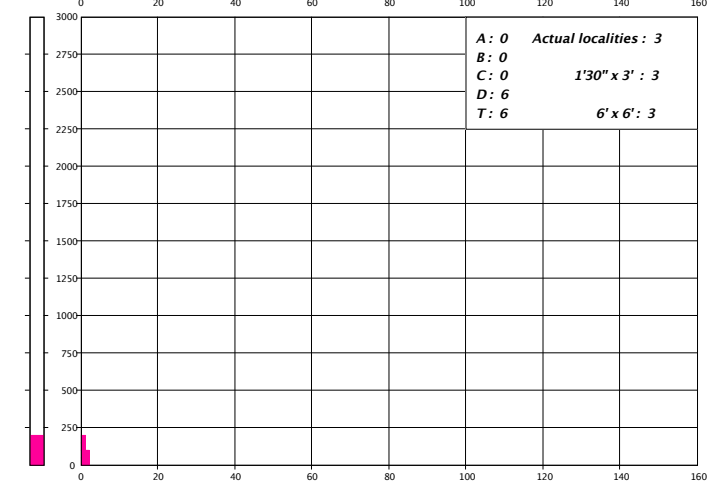
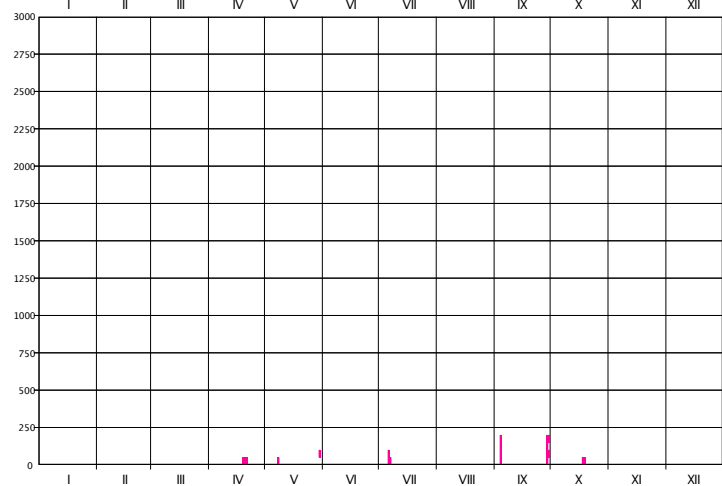
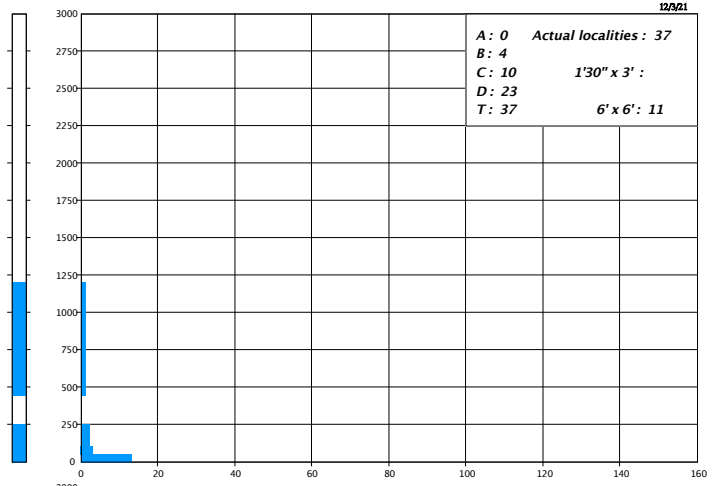
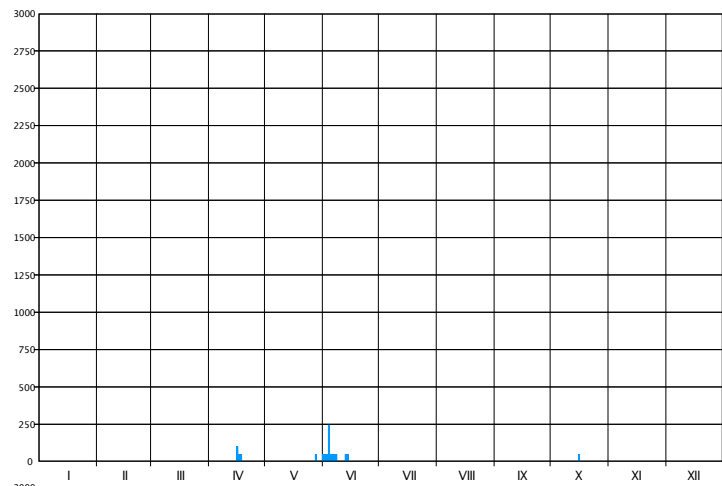
**SATYRIDAE *Erebia melas***



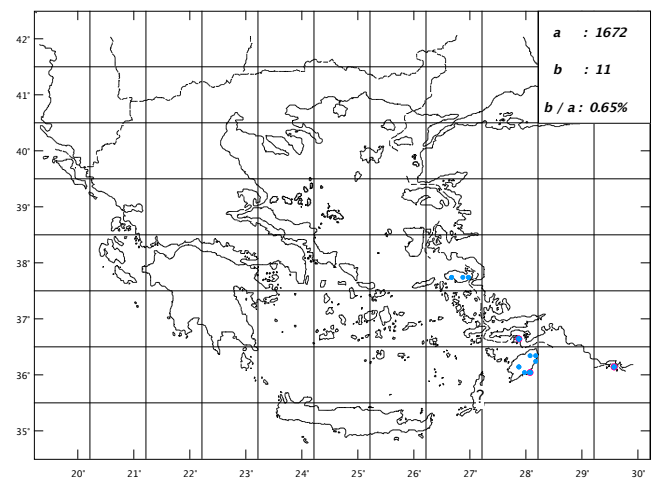


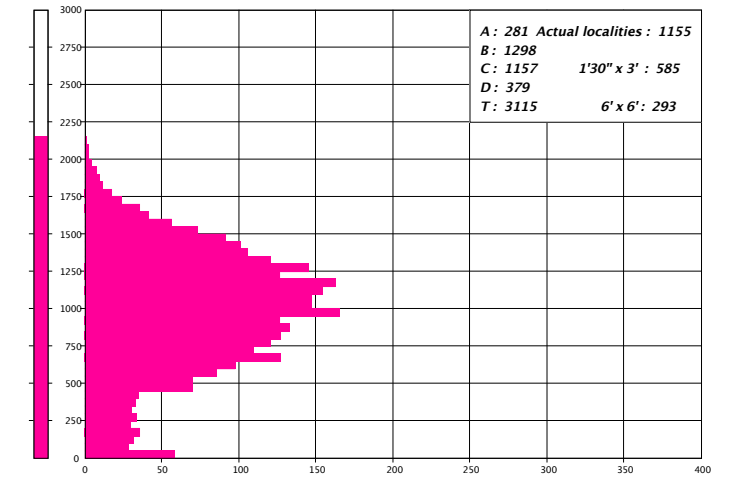
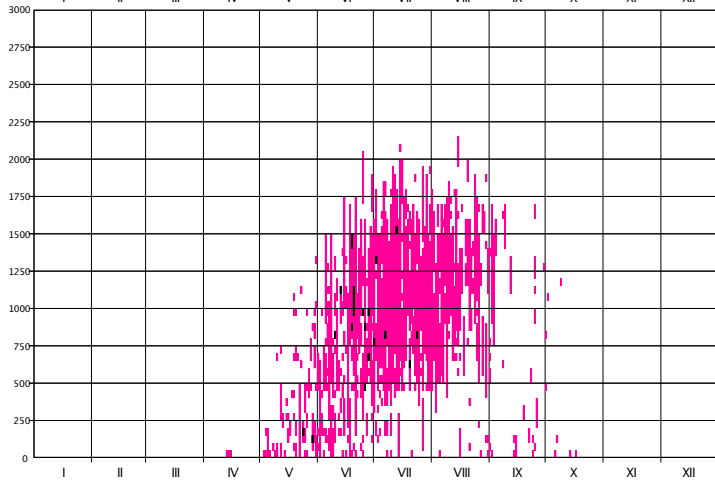
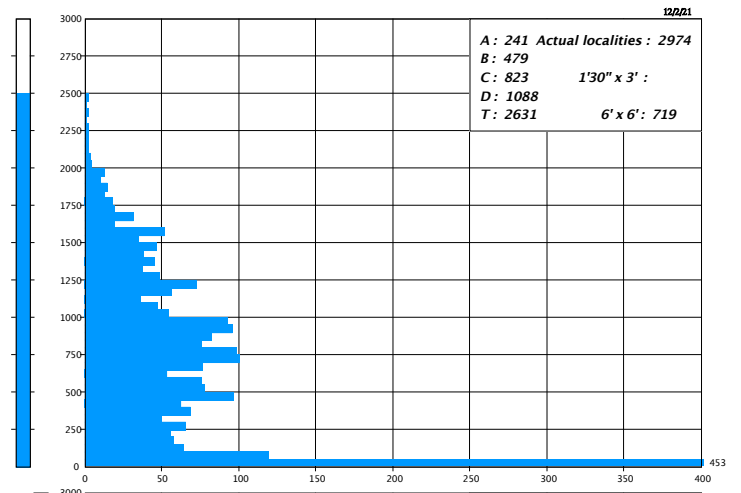
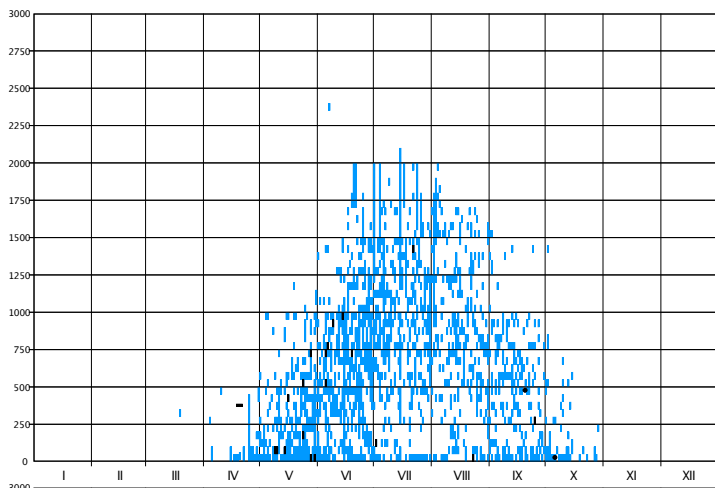
**SATYRIDAE *Proterebia phegea***



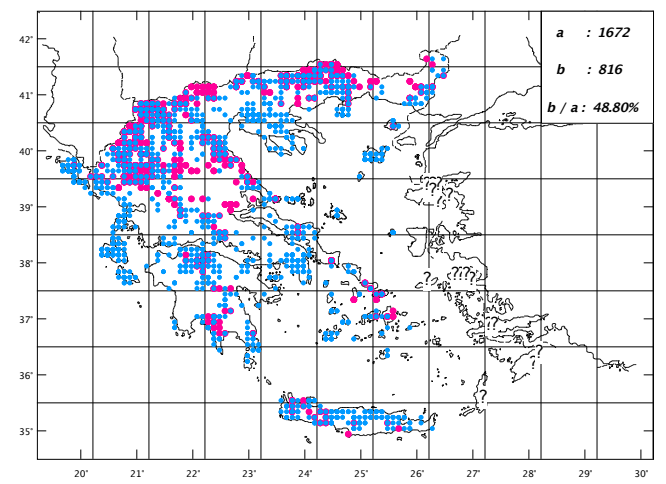
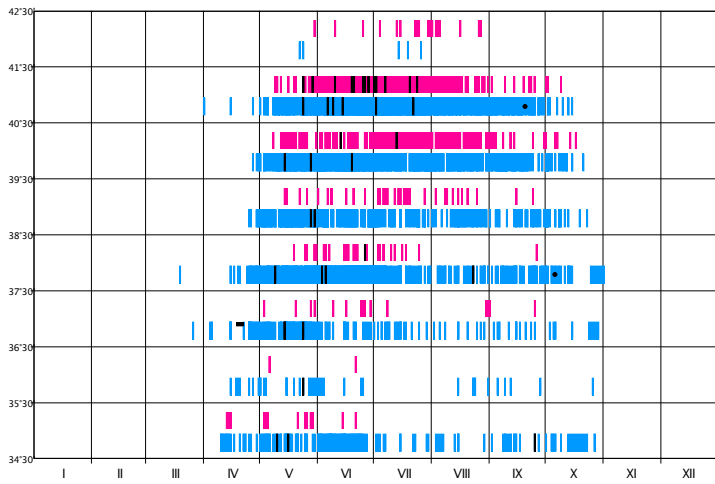


**SATYRIDAE *Ypthima asterope***

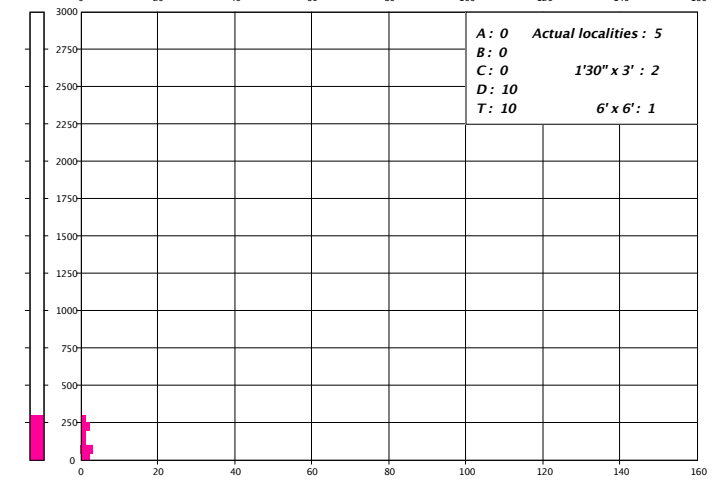
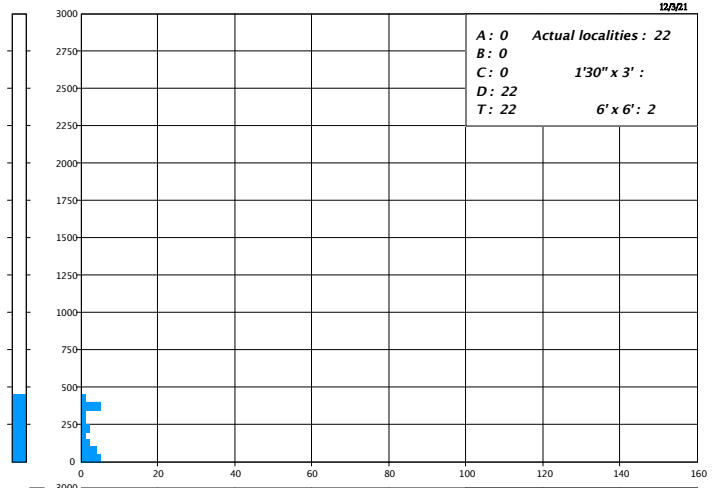
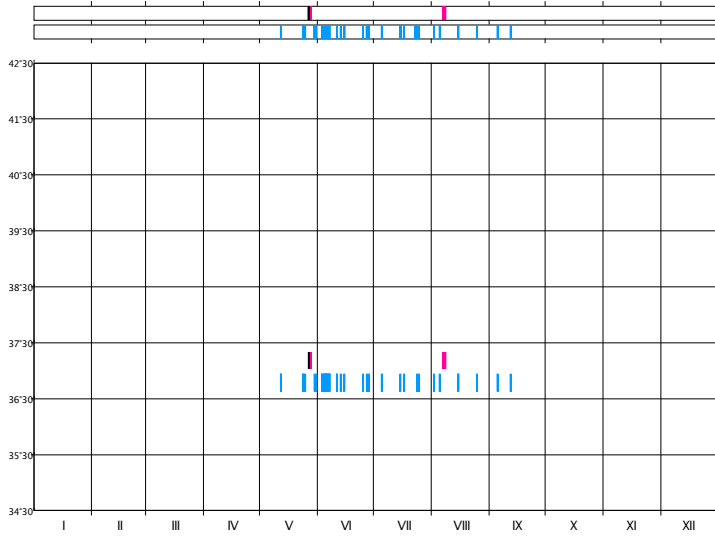
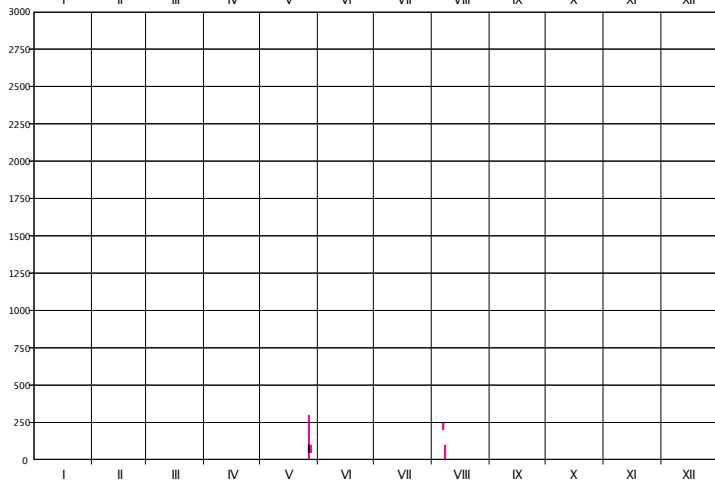
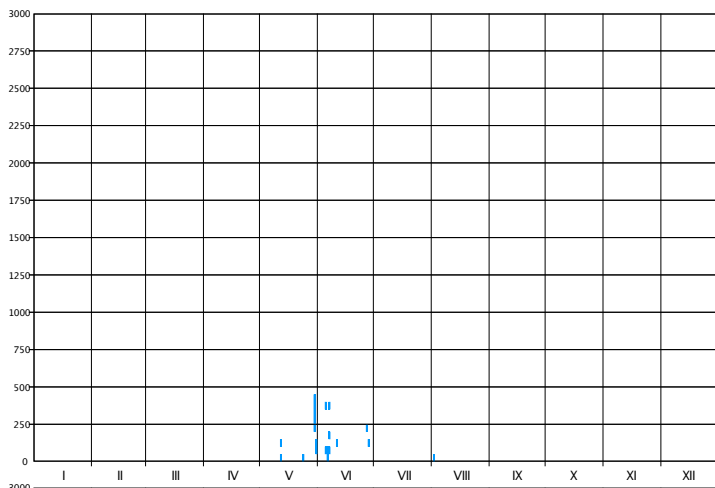




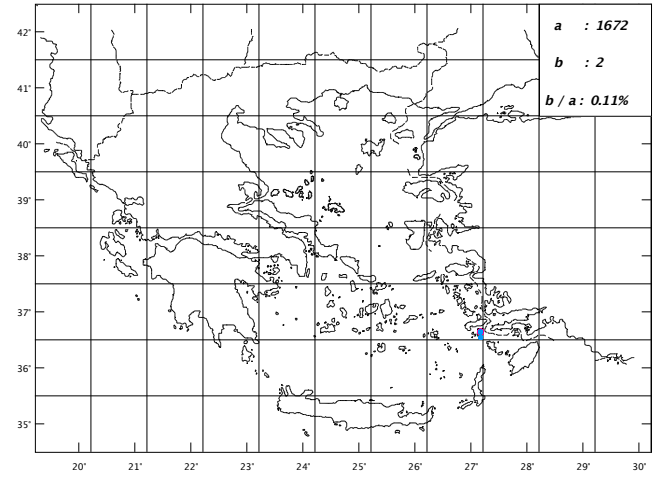
**SATYRIDAE *Maniola jurina***



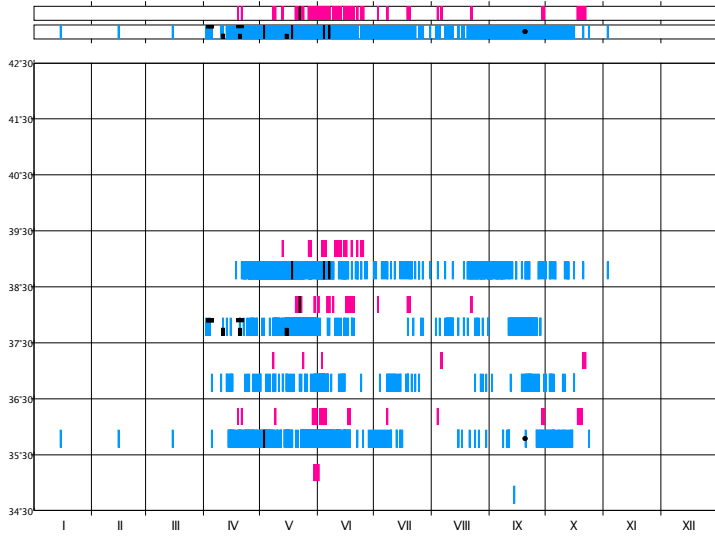
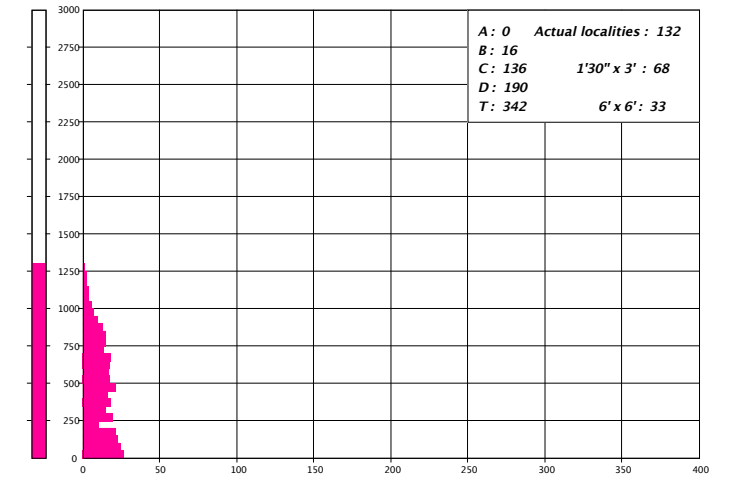
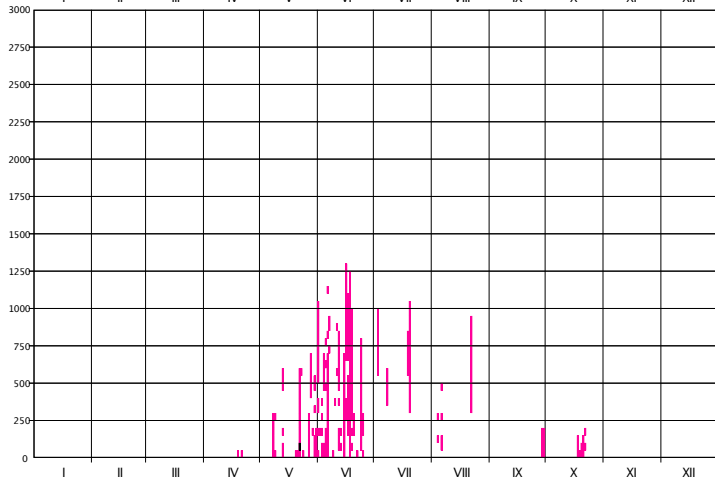
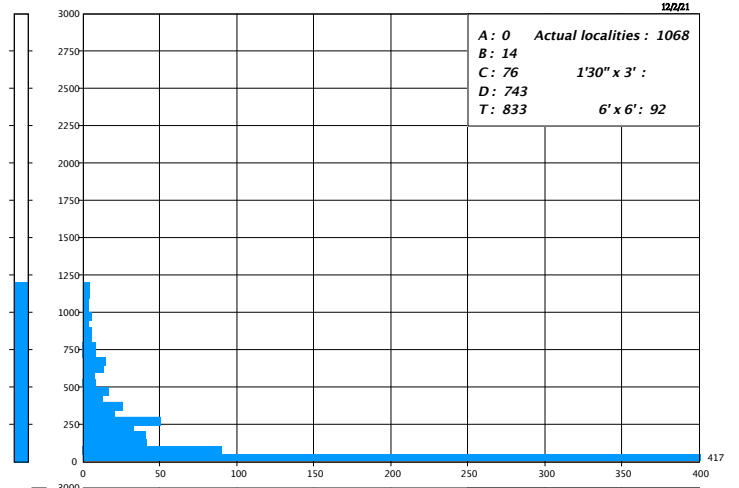
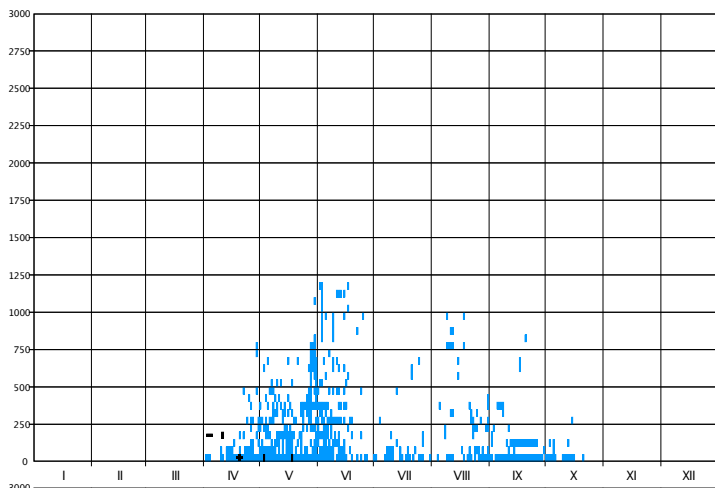
[http://www.pamperis.gr/PHOTOGRAPHS/Maniola\\_telmessia\\_chia\\_hallicarnassus\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Maniola_telmessia_chia_hallicarnassus_complex.html)



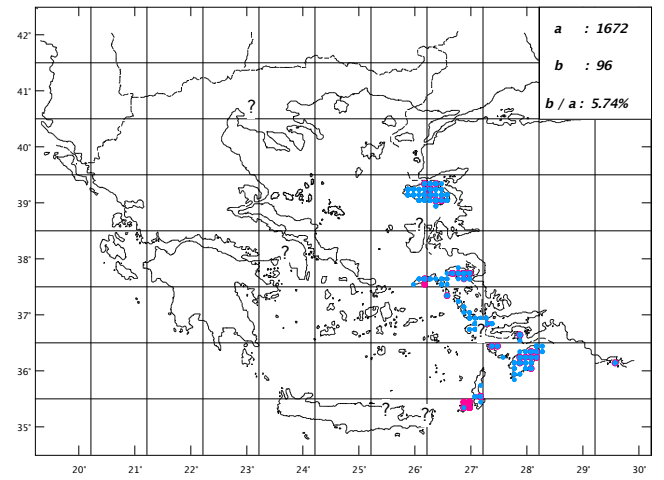
**SATYRIDAE *Maniola halicarnassus***



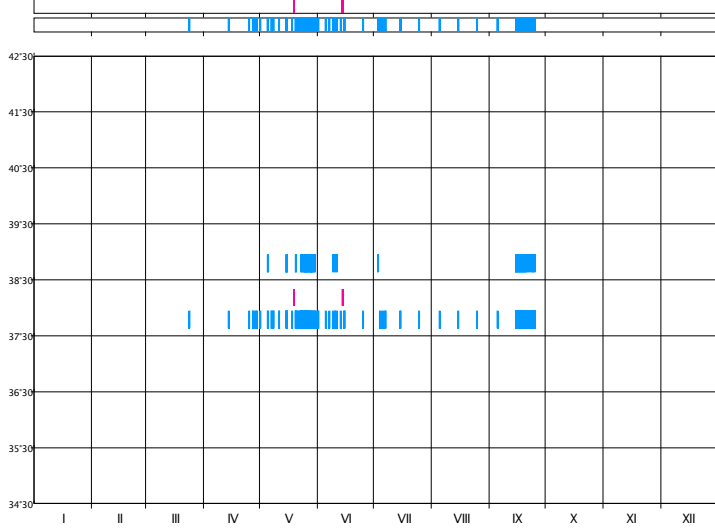
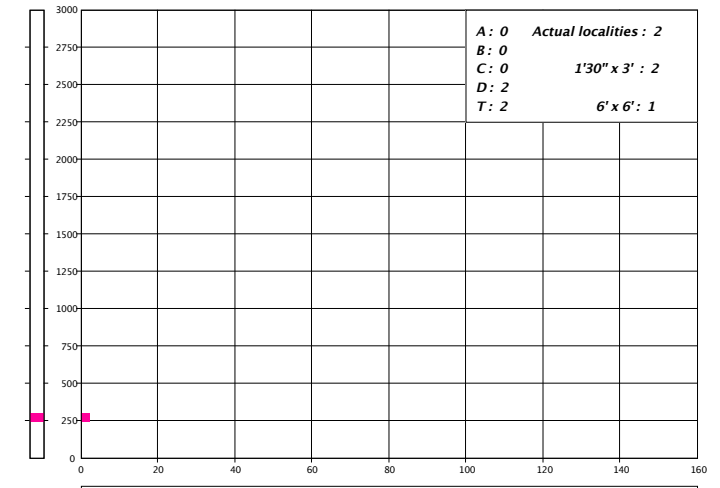
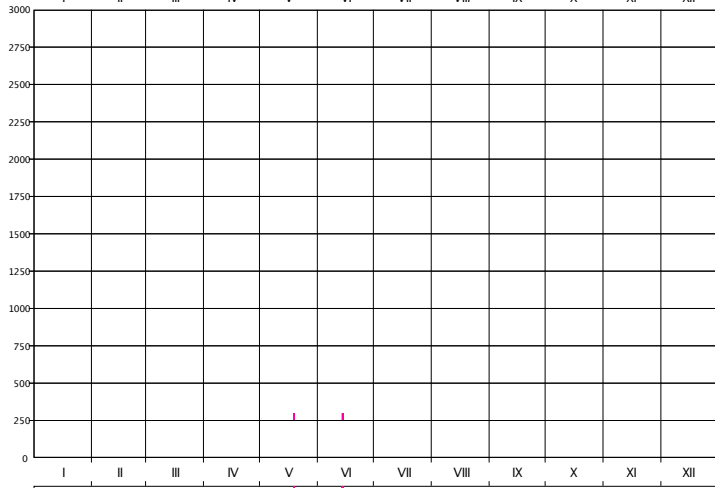
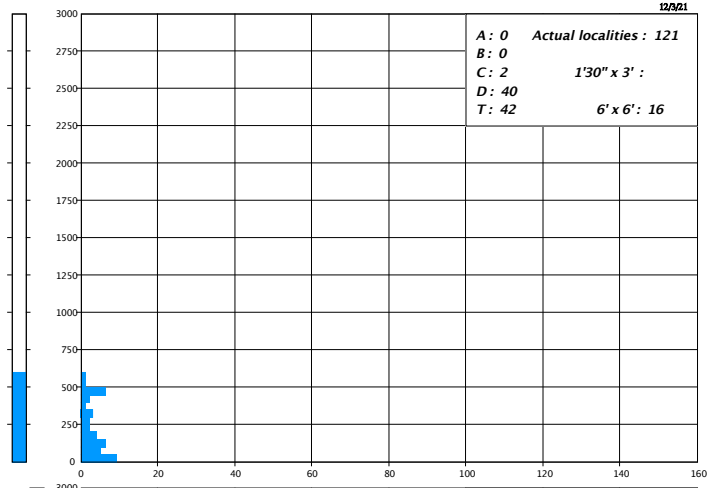
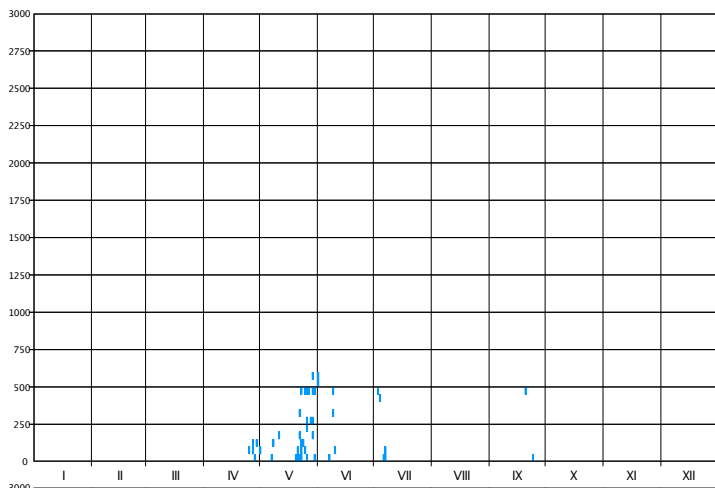
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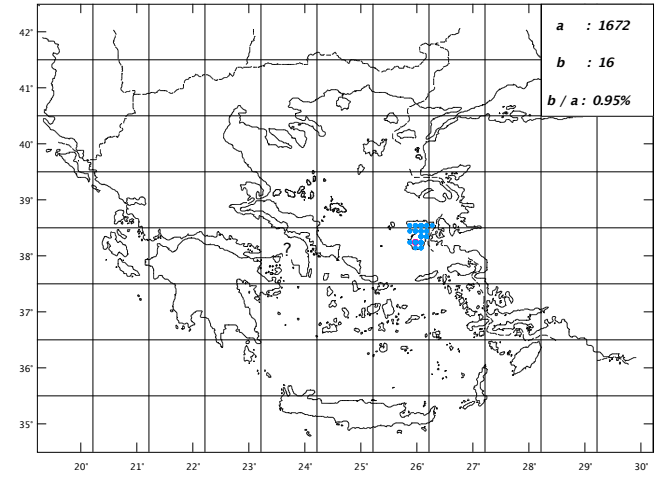
**SATYRIDAE *Maniola telmessia***



[http://www.pamperis.gr/PHOTOGRAPHS/Maniola\\_telmessia\\_chia\\_hallicarnassus\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Maniola_telmessia_chia_hallicarnassus_complex.html)



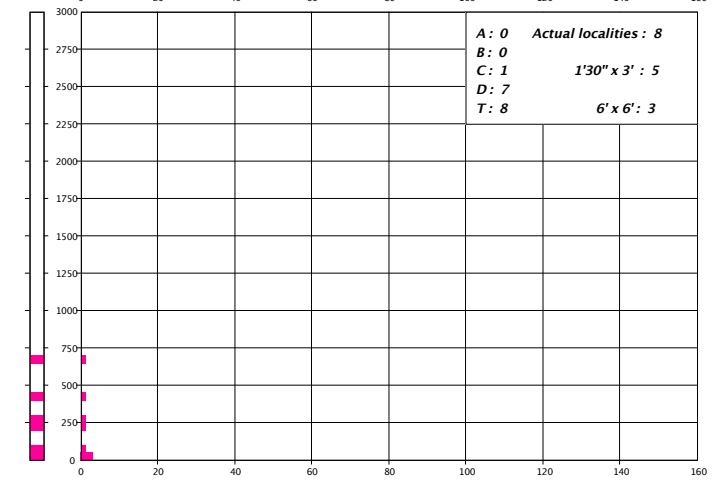
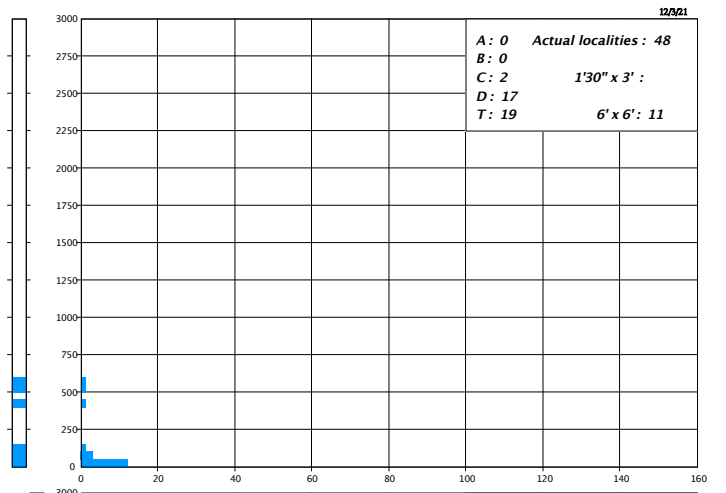
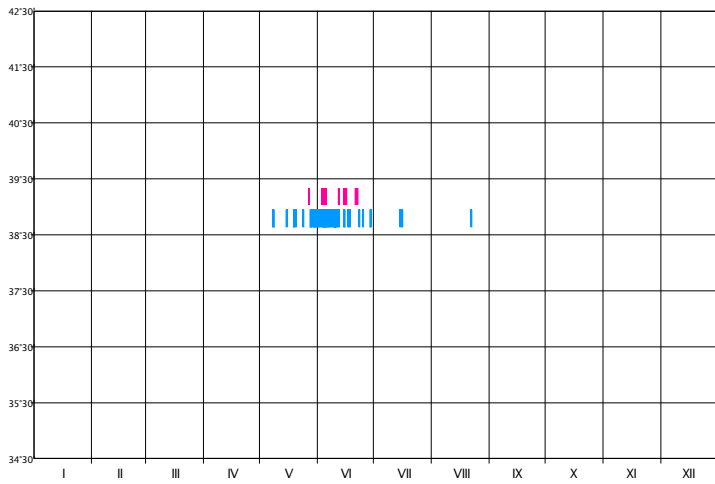
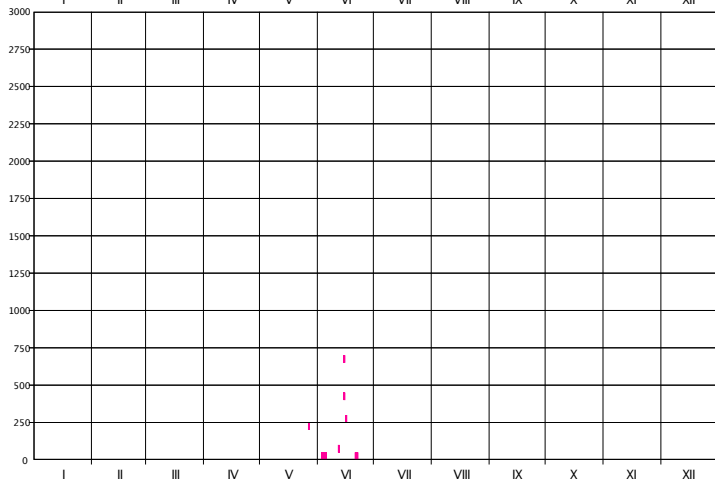
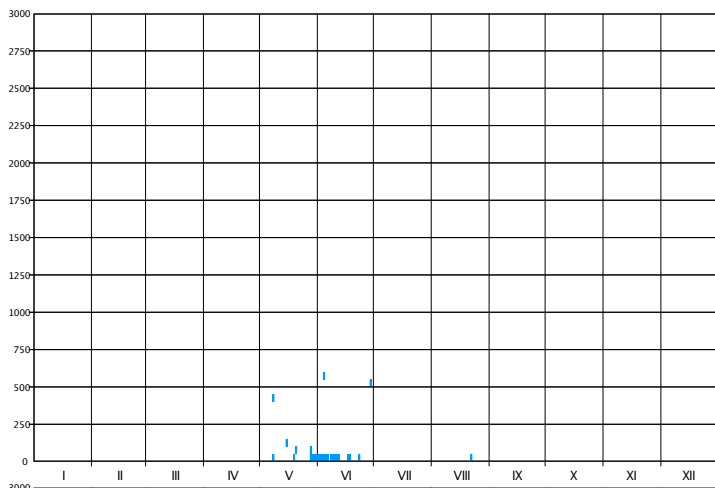
**SATYRIDAE *Maniola chia***



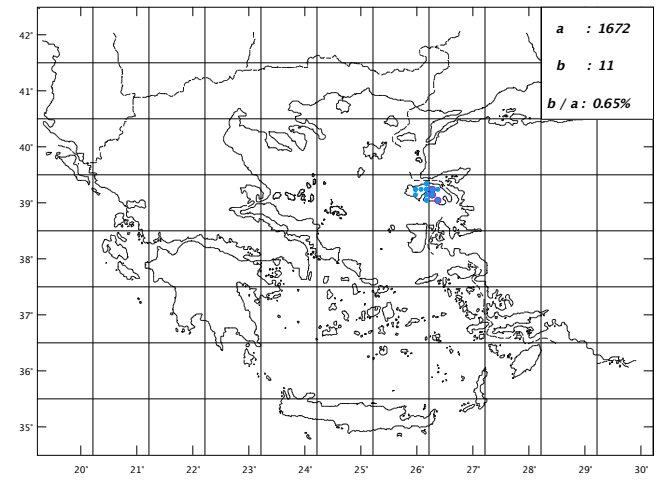
ΕΝΔΗΜΙΚΟ ΕΙΔΟΣ ΤΗΣ ΕΛΛΑΔΑΣ  
 ENDEMIC SPECIES OF GREECE

[http://www.pamperis.gr/PHOTOGRAPHS/Maniola\\_telmessia\\_chia\\_hallicarnassus\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Maniola_telmessia_chia_hallicarnassus_complex.html)

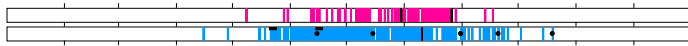
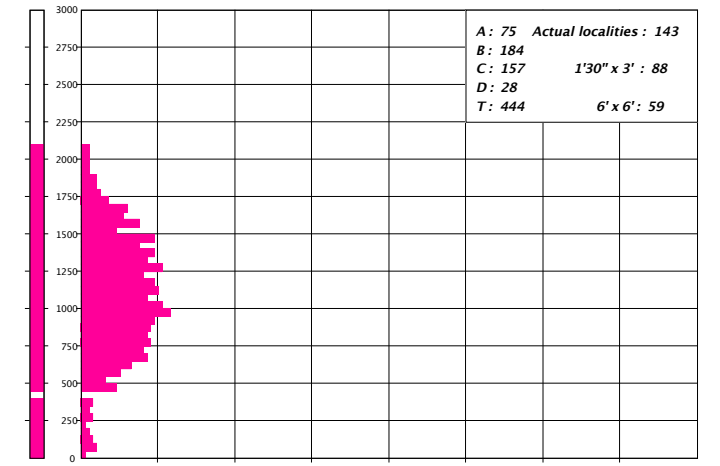
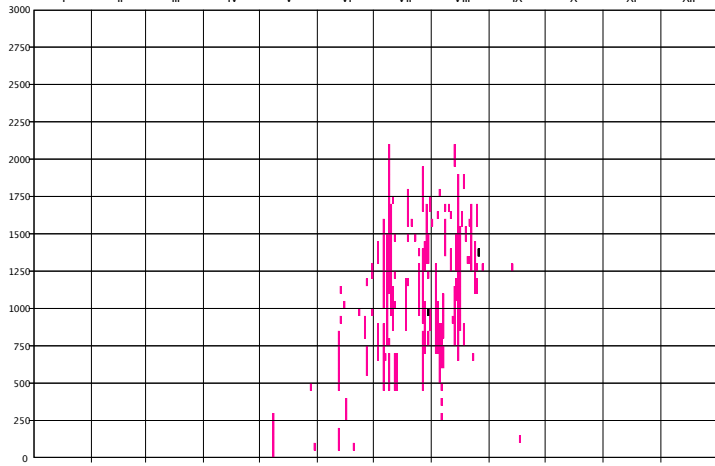
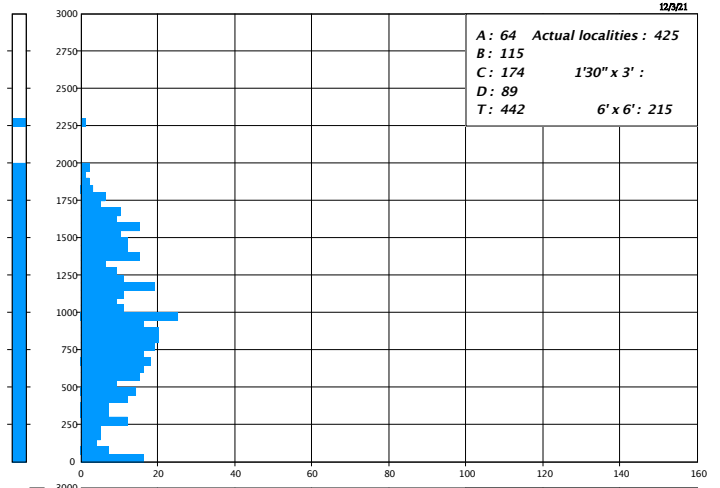
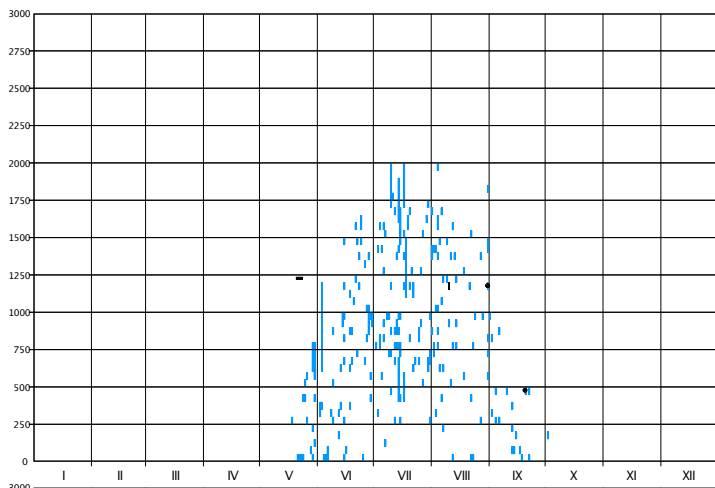




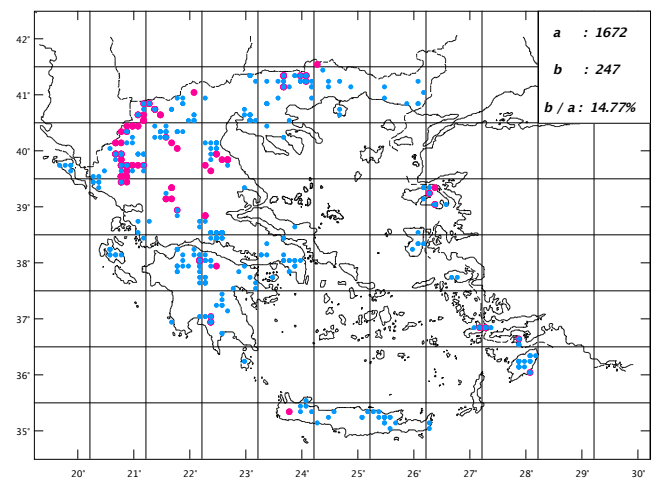
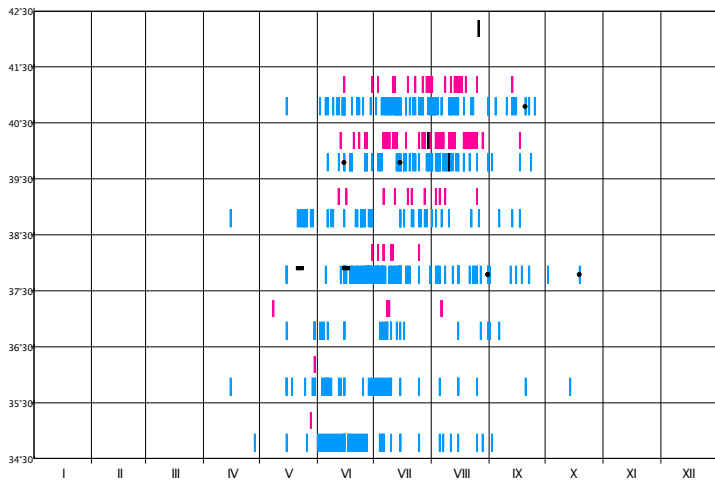
**SATYRIDAE *Maniola megalis***



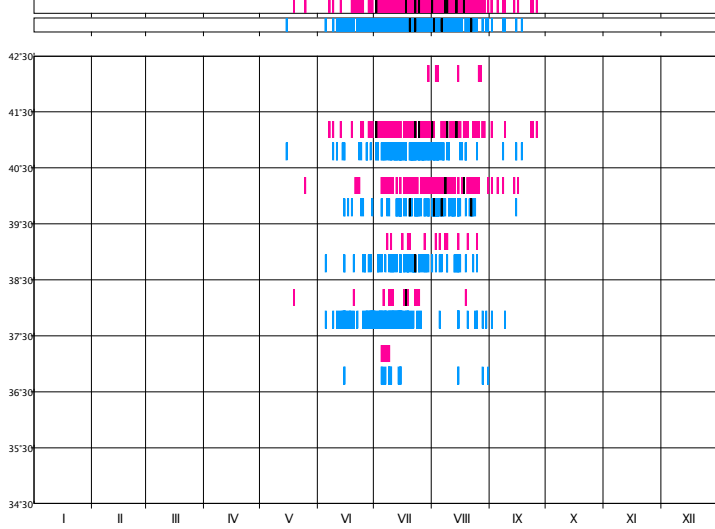
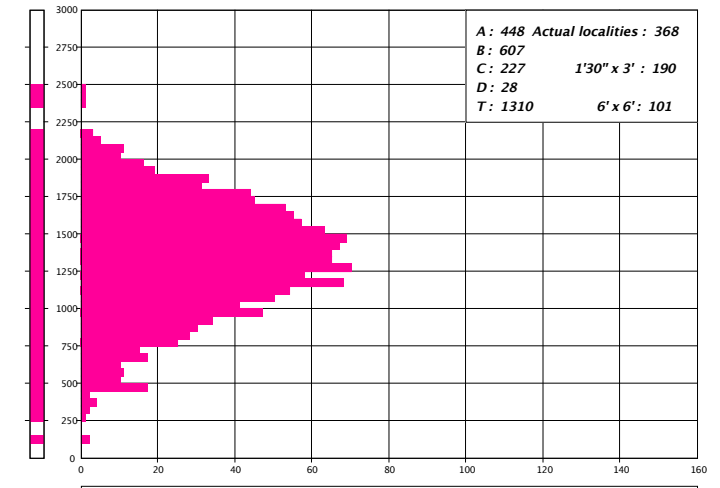
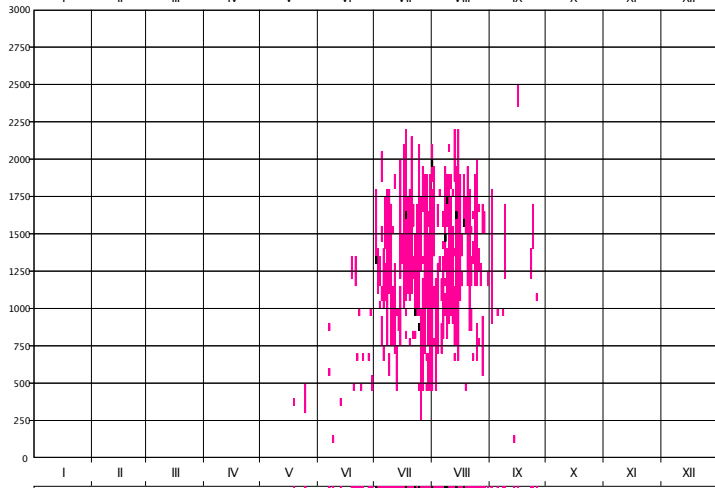
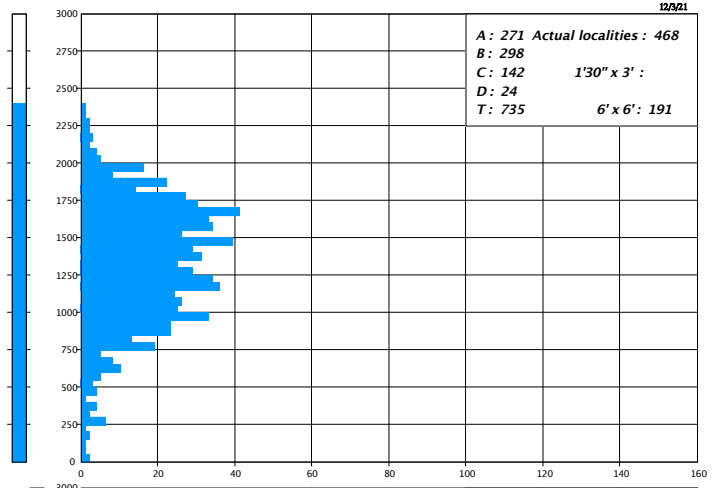
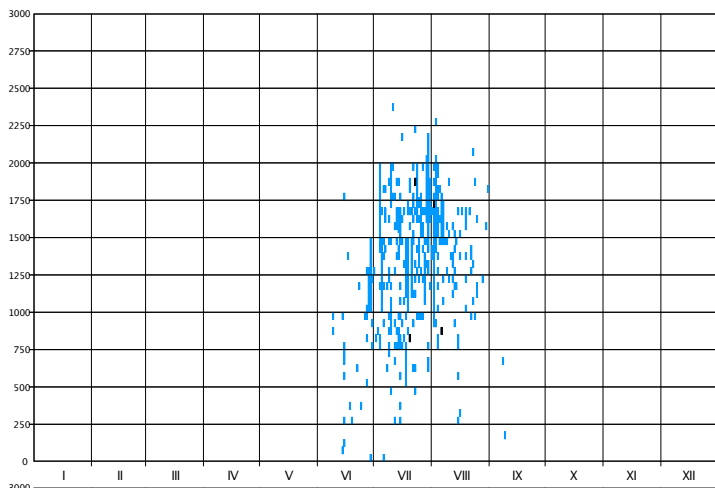
[http://www.pamperis.gr/PHOTOGRAPHS/Maniola\\_telmessia\\_chia\\_hallicarnassus\\_complex.html](http://www.pamperis.gr/PHOTOGRAPHS/Maniola_telmessia_chia_hallicarnassus_complex.html)



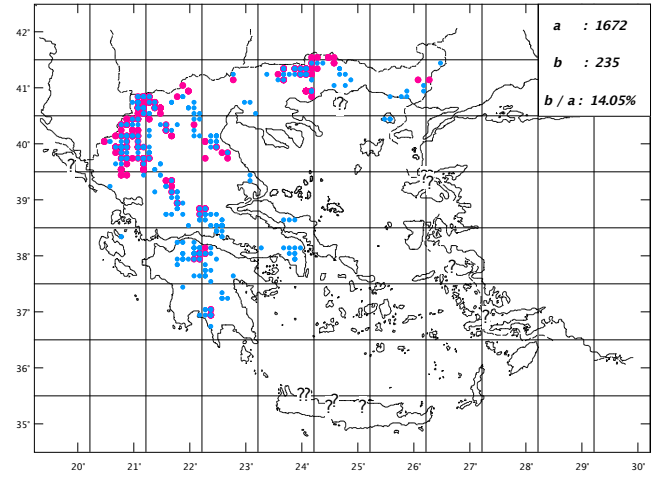
**SATYRIDAE *Hyponephele lupina***



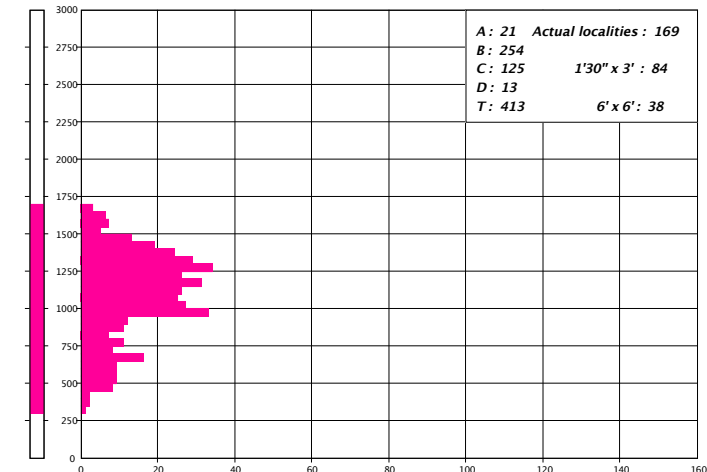
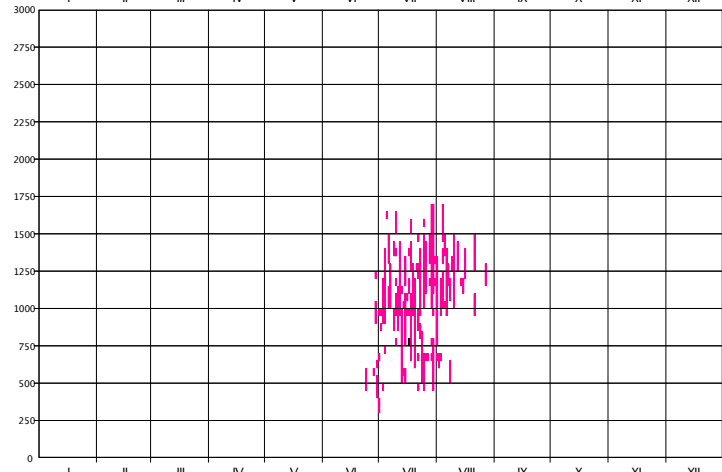
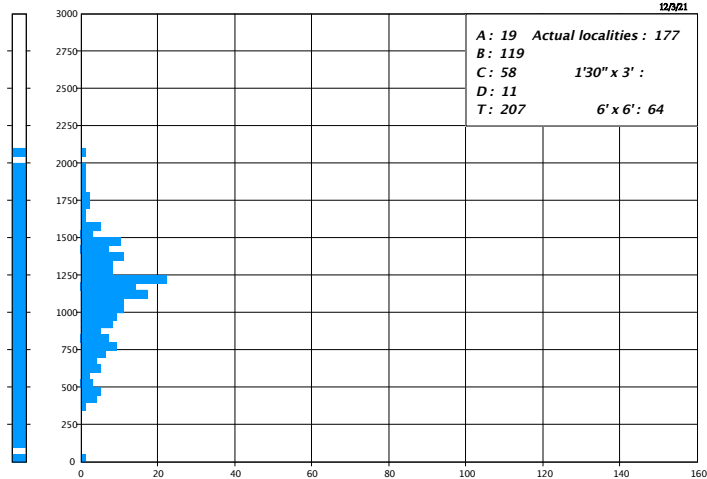
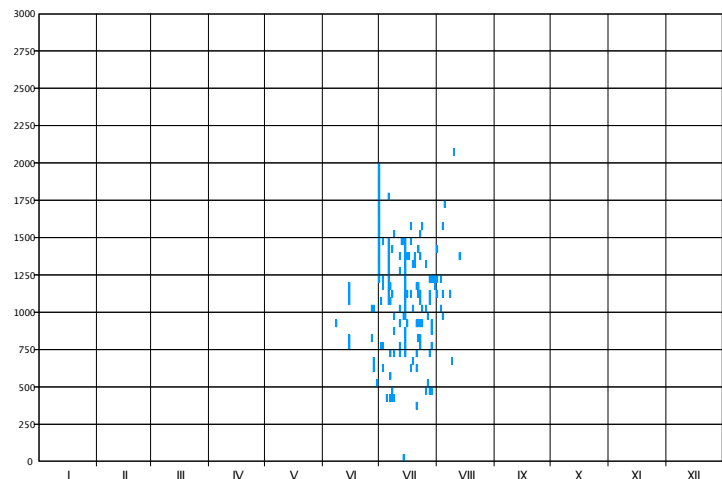
[https://www.pamperis.gr/PHOTOGRAPHS/Hyponephele\\_lupina,\\_Hyponephele\\_lycaon.html](https://www.pamperis.gr/PHOTOGRAPHS/Hyponephele_lupina,_Hyponephele_lycaon.html)



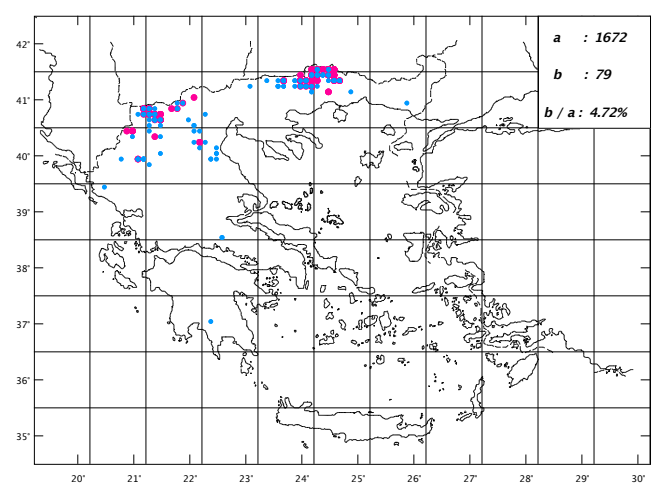
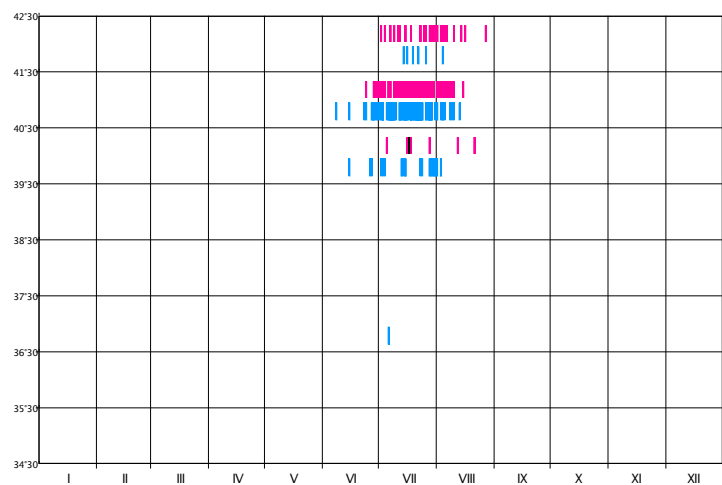
**SATYRIDAE *Hyponephele lycaon***

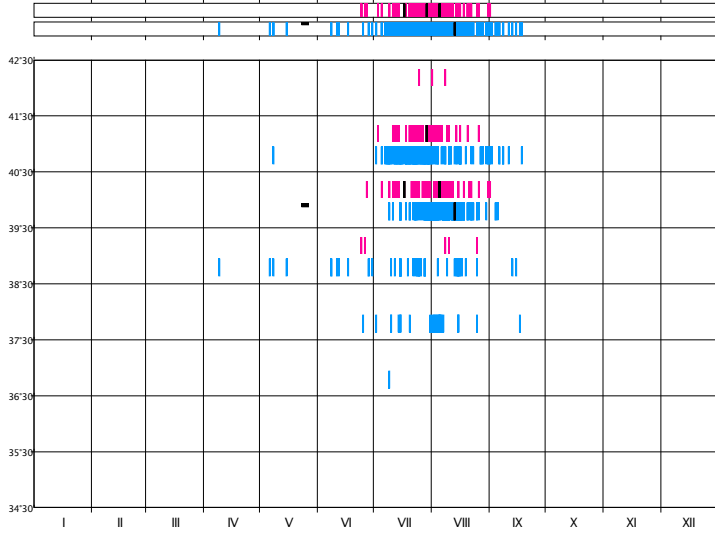
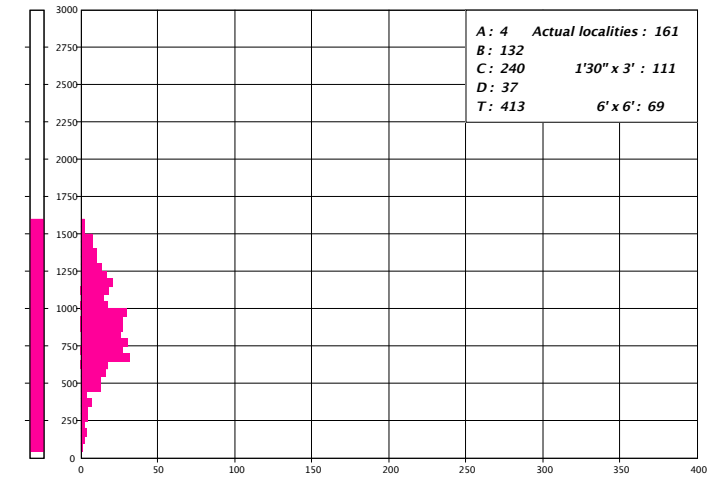
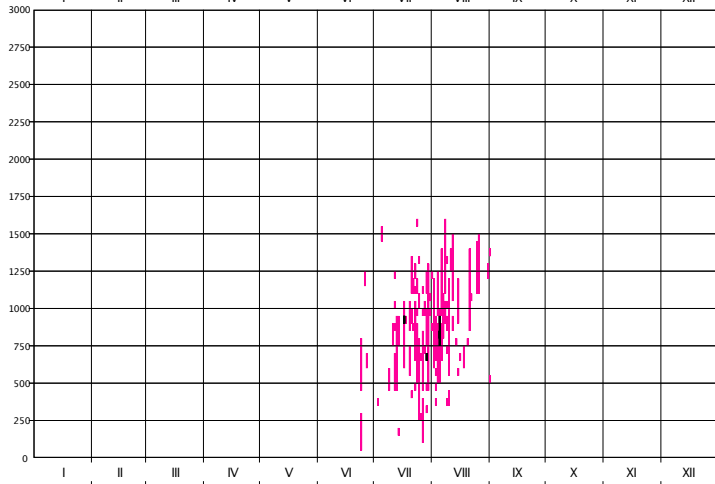
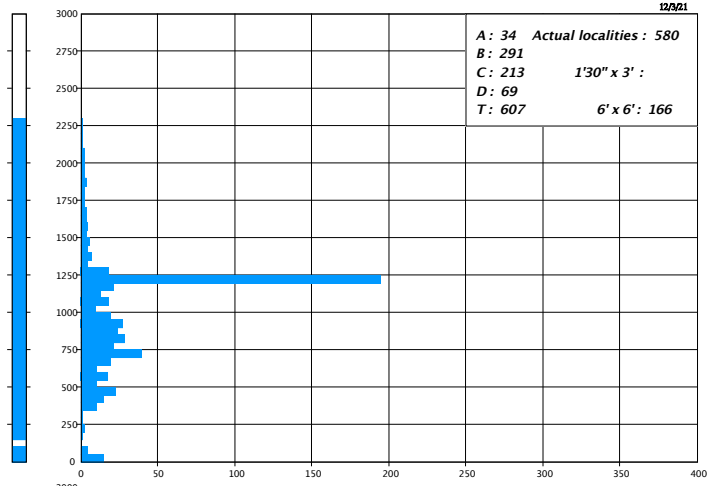
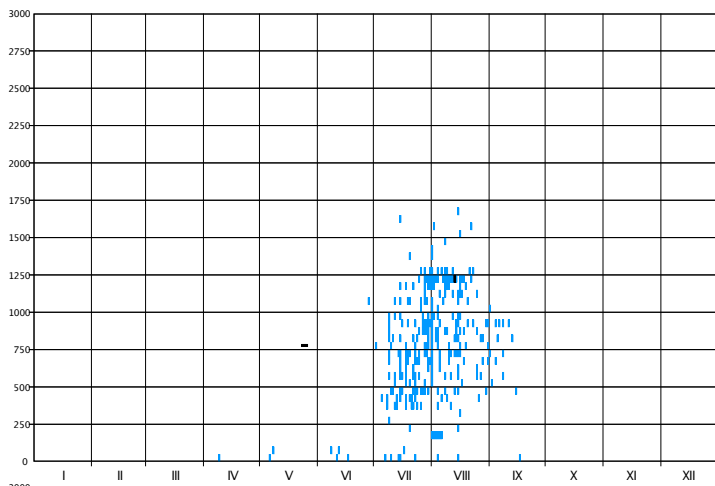


[https://www.pamperis.gr/PHOTOGRAPHS/Hyponephele\\_lupina,\\_Hyponephele\\_lycaon.html](https://www.pamperis.gr/PHOTOGRAPHS/Hyponephele_lupina,_Hyponephele_lycaon.html)

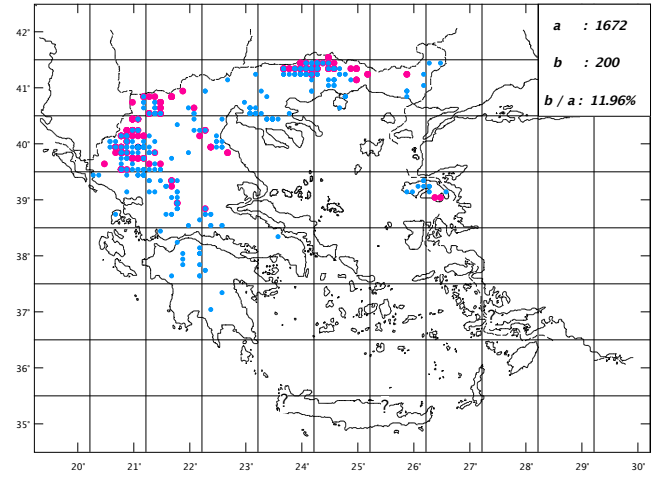


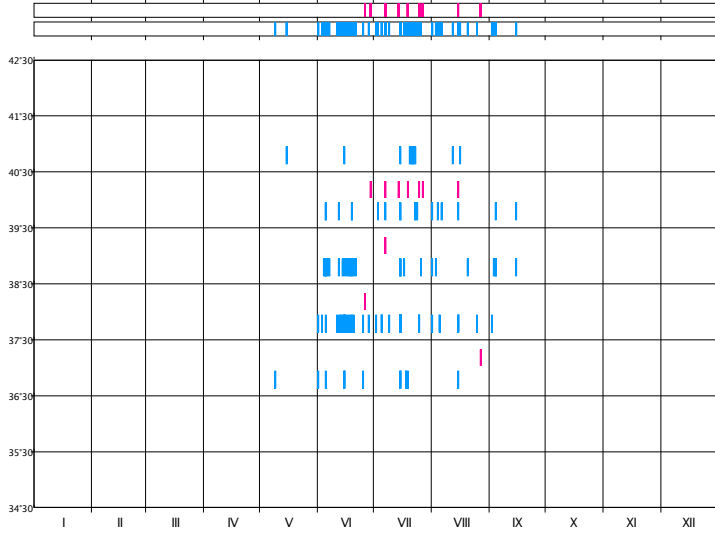
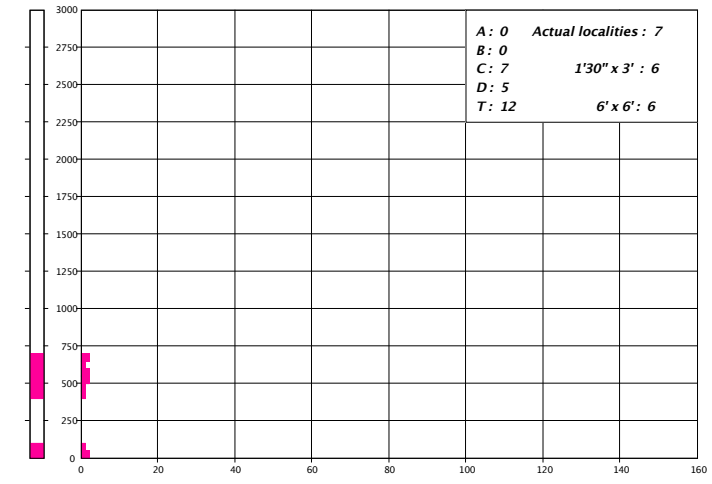
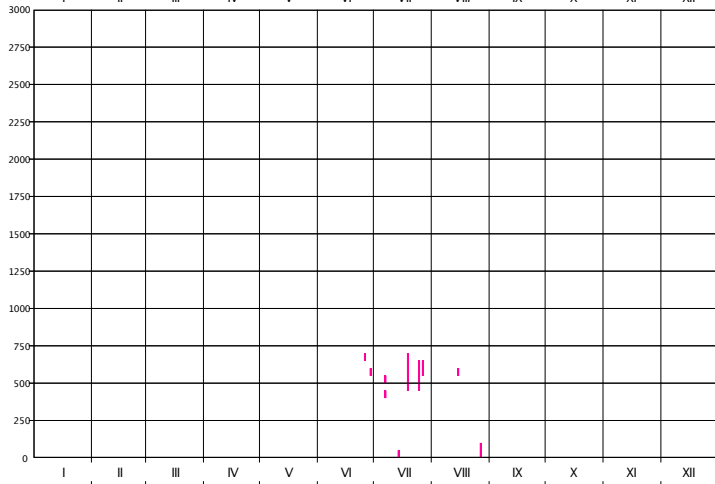
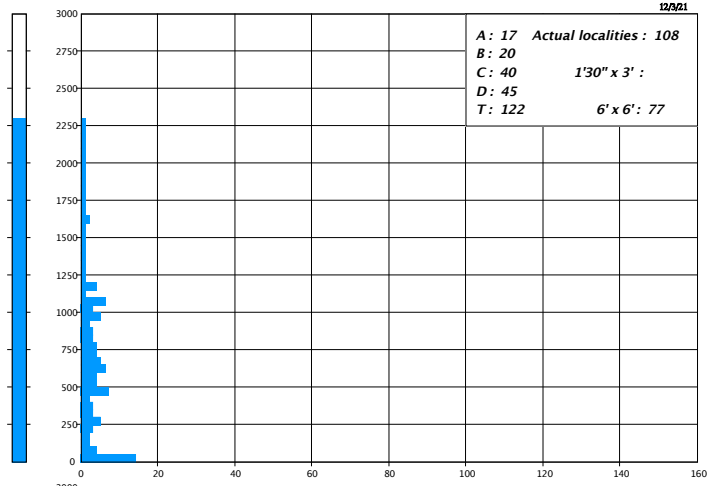
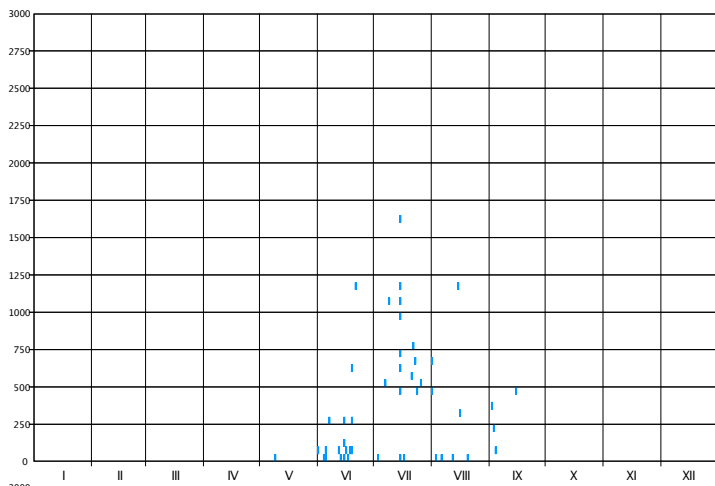
**SATYRIDAE *Aphantopus hyperantus***



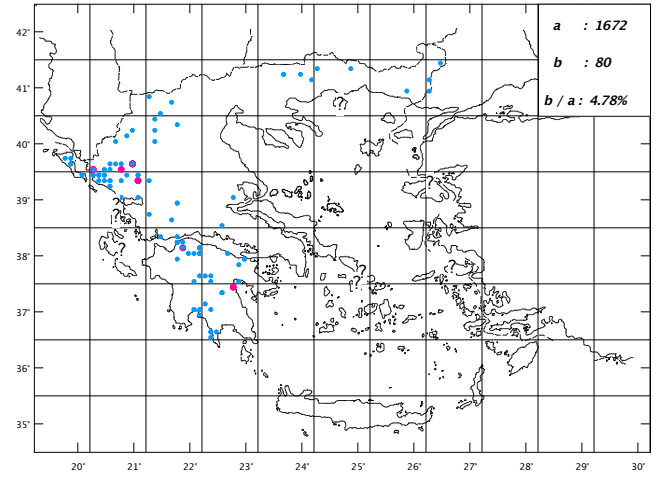


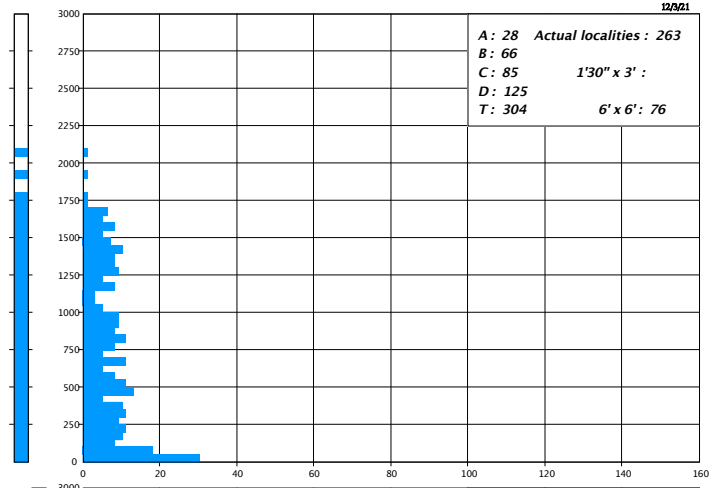
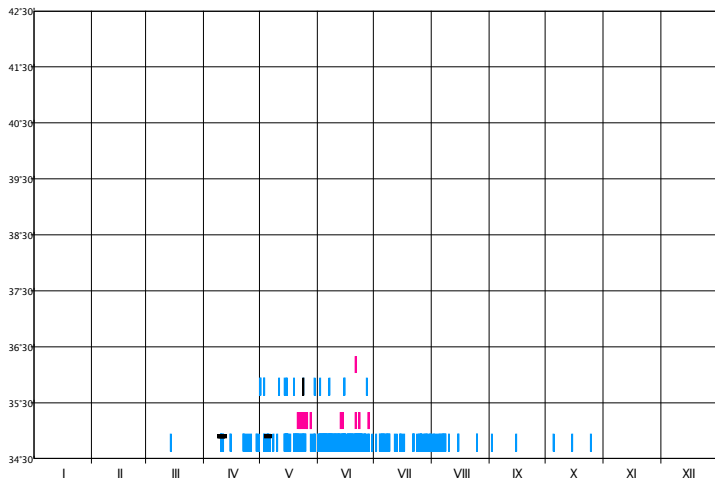
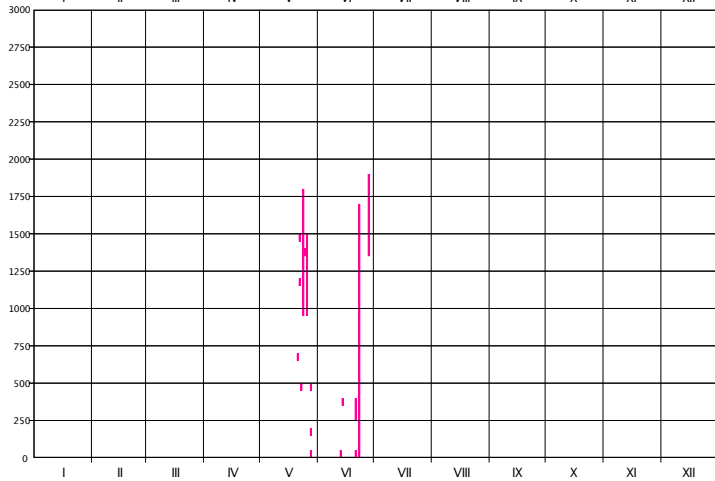
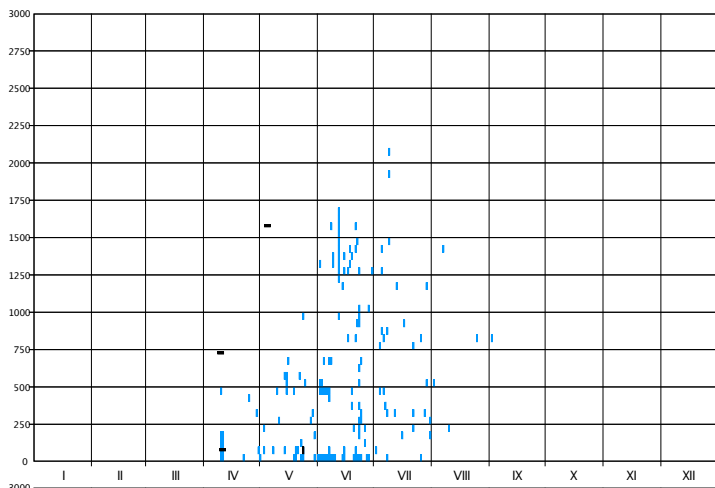
**SATYRIDAE *Pyronia tithonus***



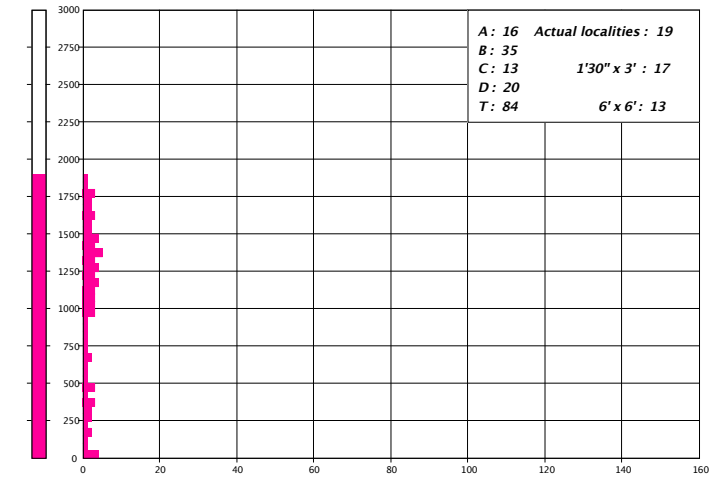


**SATYRIDAE *Pyronia cecilia***



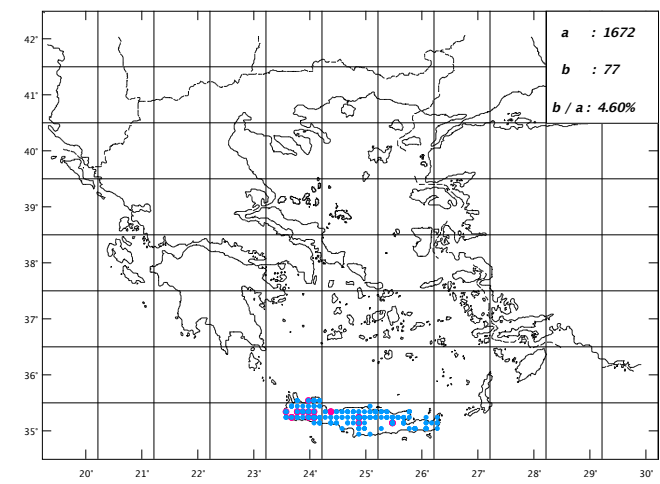


12/21  
 A : 28 Actual localities : 263  
 B : 66  
 C : 85 1'30" x 3' :  
 D : 125  
 T : 304 6' x 6' : 76



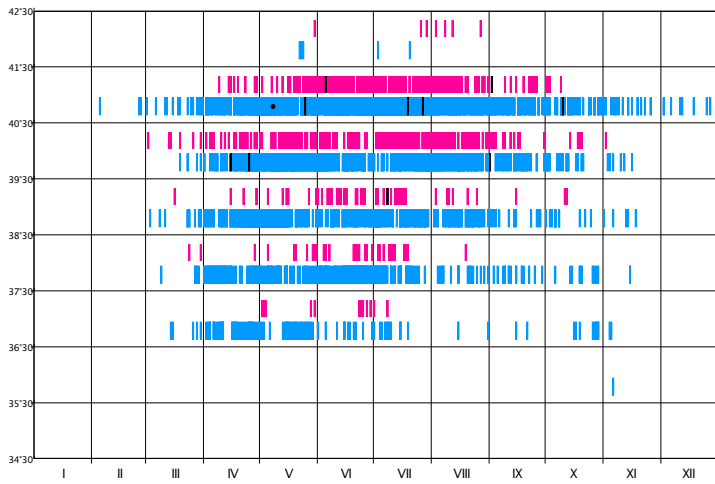
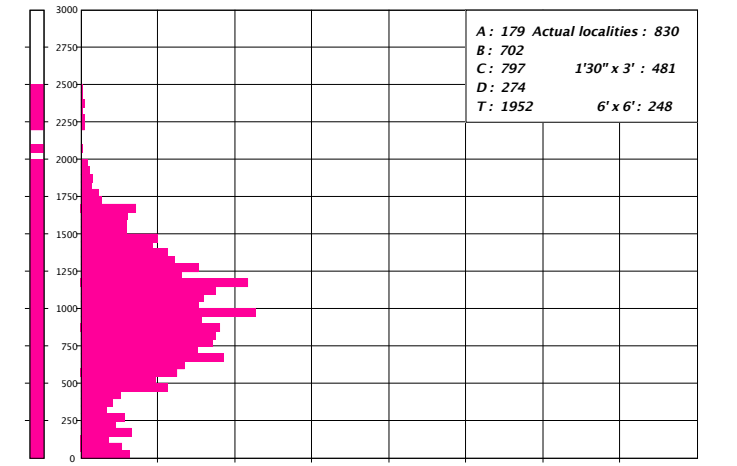
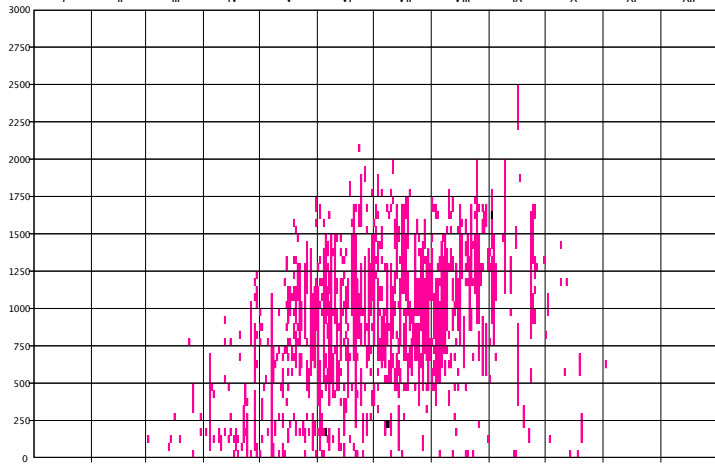
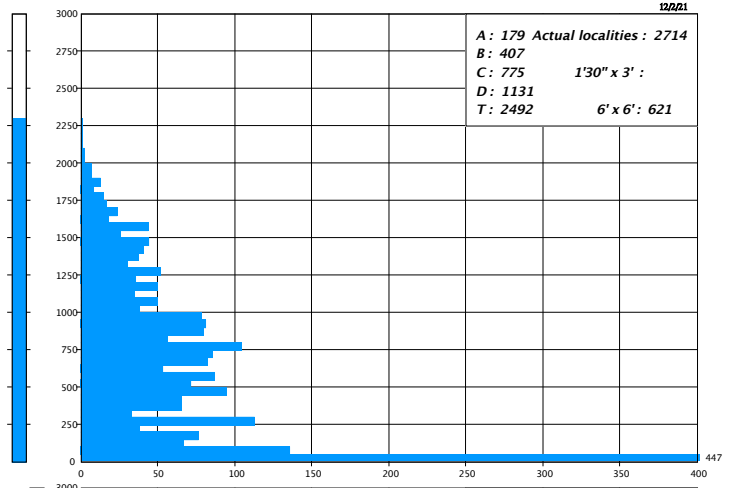
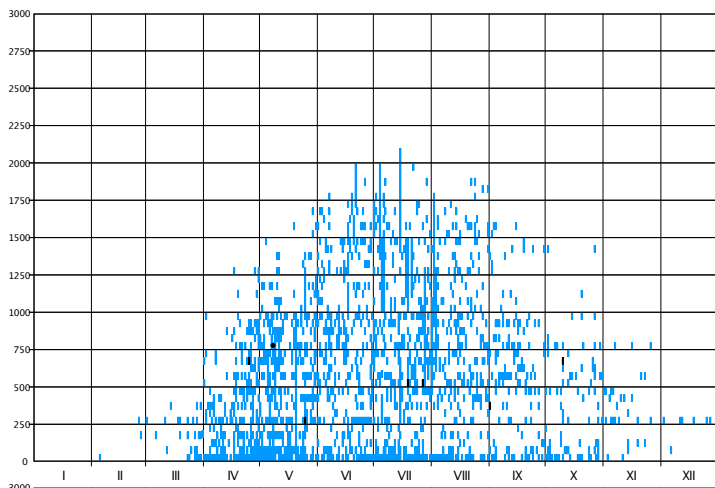
A : 16 Actual localities : 19  
 B : 35  
 C : 13 1'30" x 3' : 17  
 D : 20  
 T : 84 6' x 6' : 13

**SATYRIDAE *Coenonympha thyrsis***

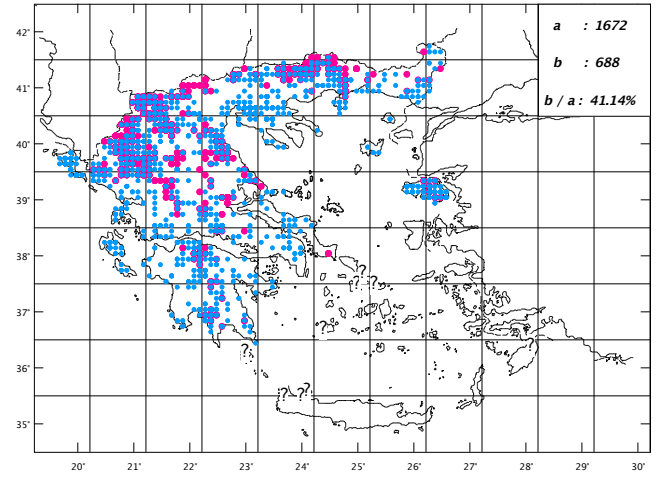


a : 1672  
 b : 77  
 b / a : 4.60%

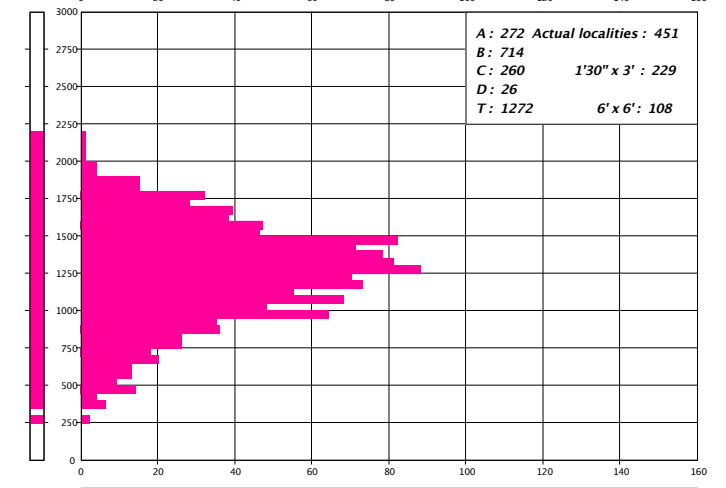
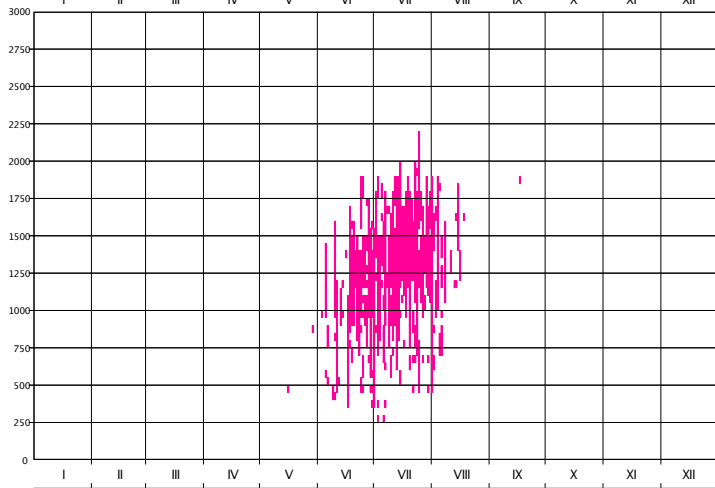
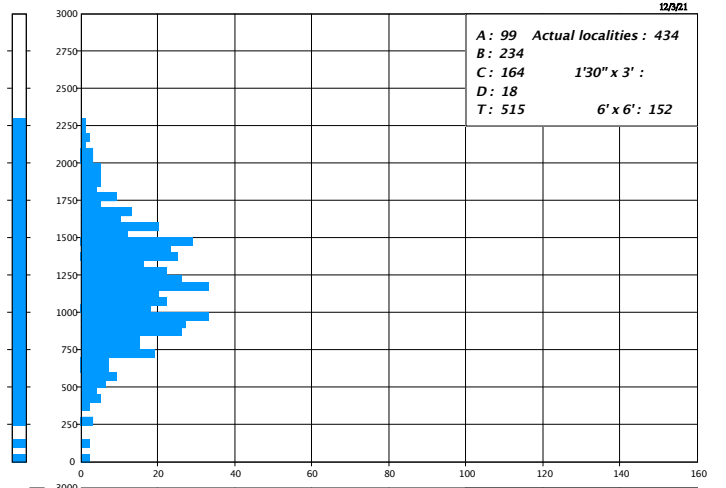
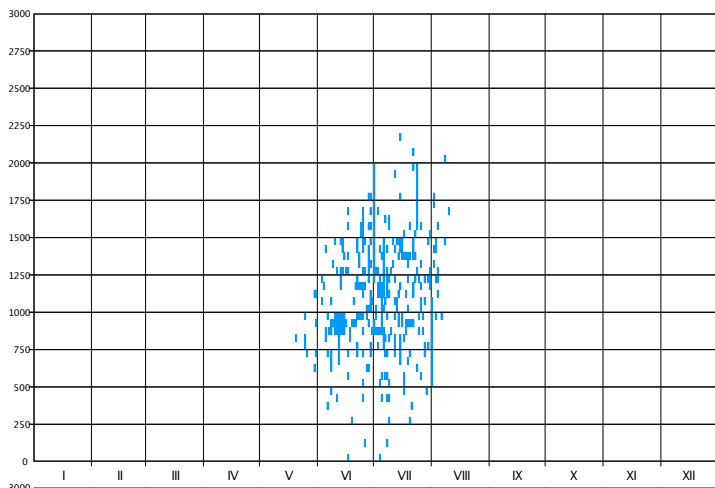
**ΕΝΔΗΜΙΚΟ ΕΙΔΟΣ ΤΗΣ ΕΛΛΑΔΑΣ  
 ENDEMIC SPECIES OF GREECE**



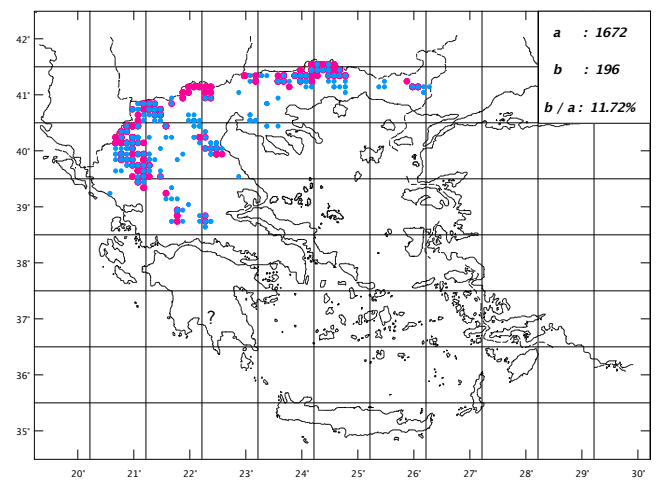
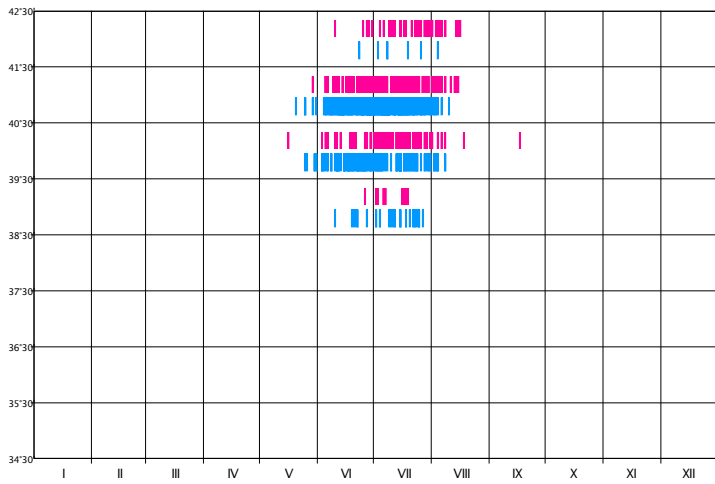
**SATYRIDAE *Coenonympha pamphilus***

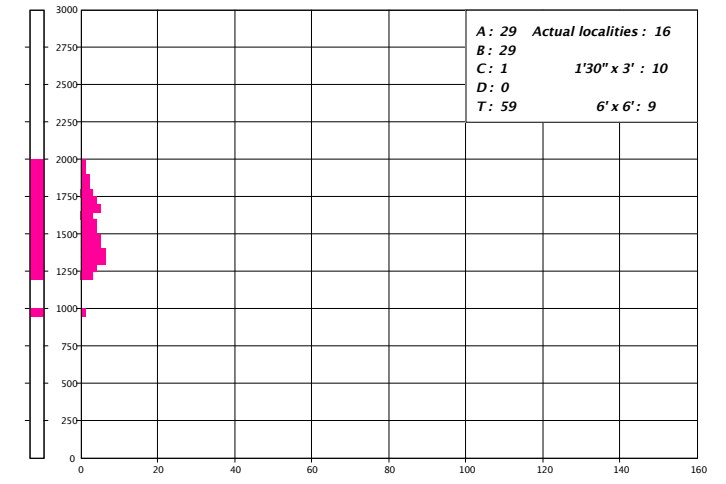
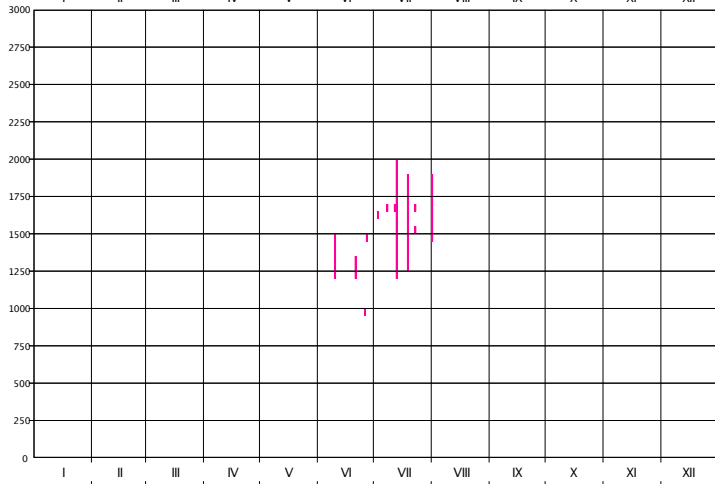
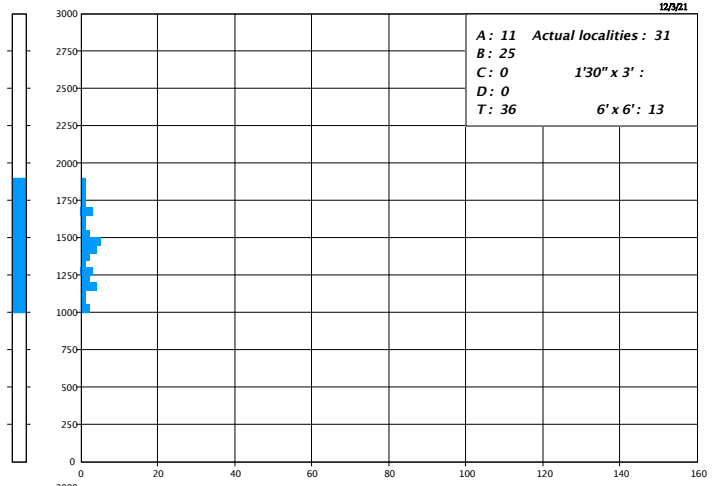
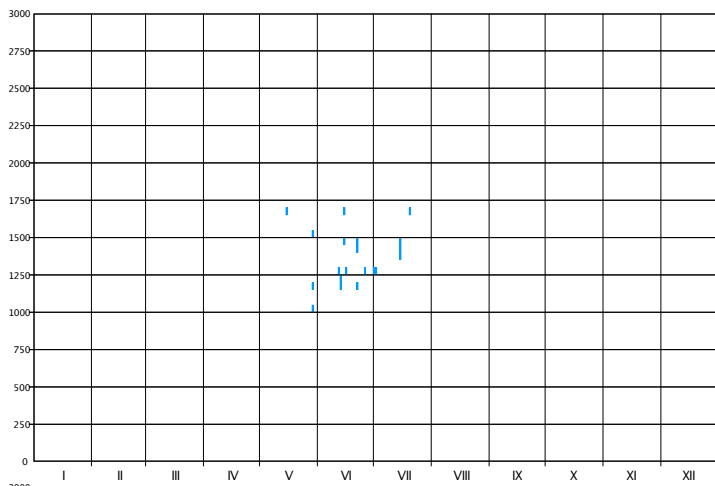




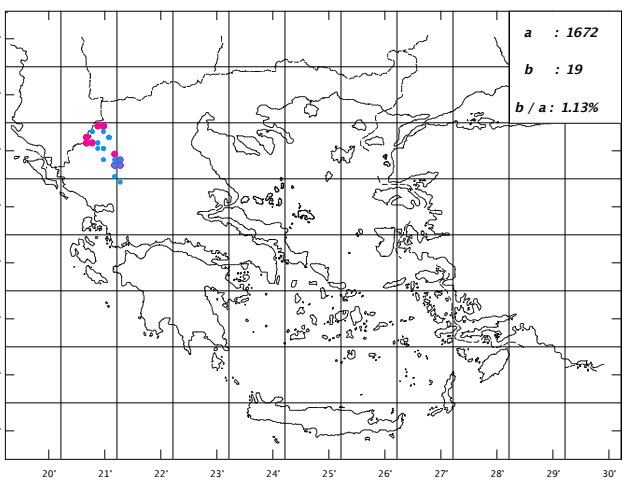
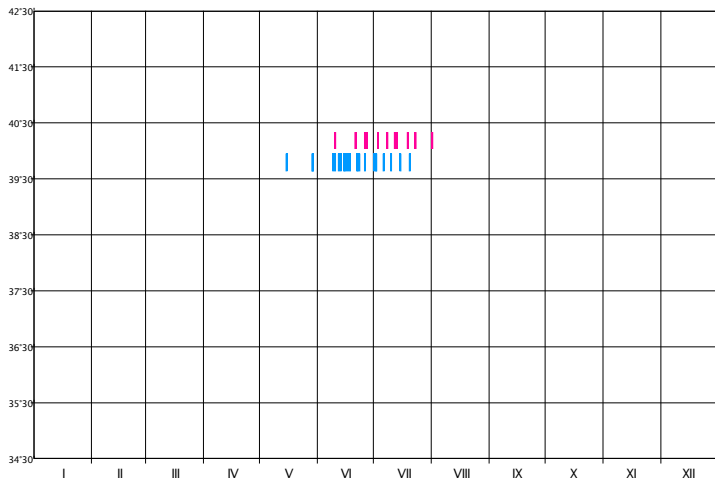


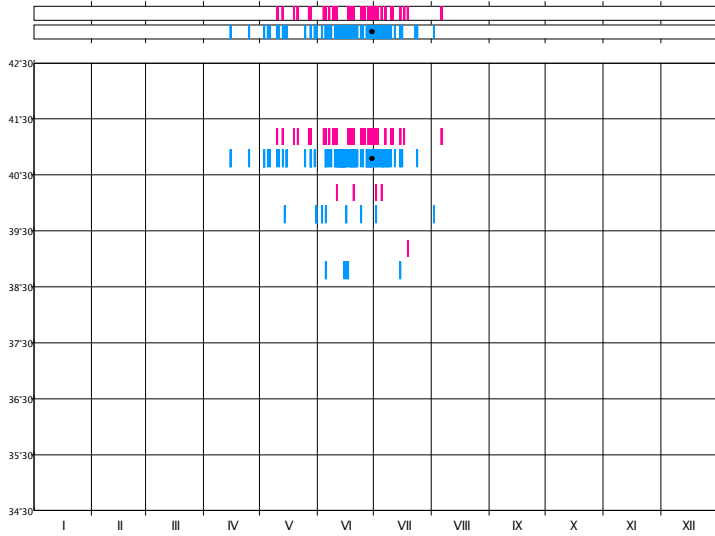
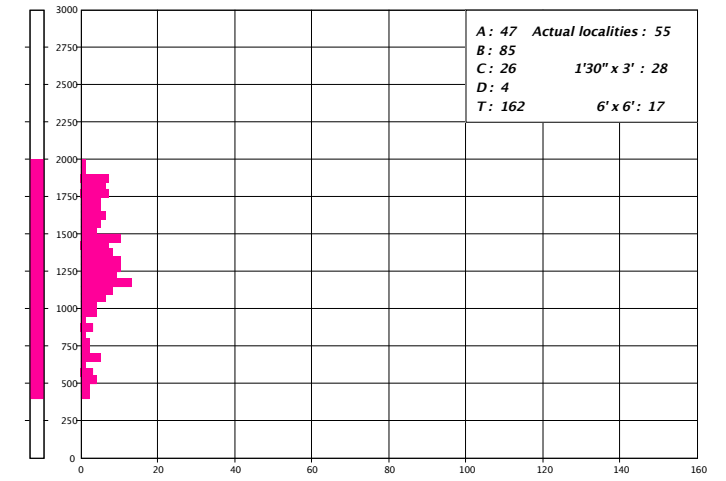
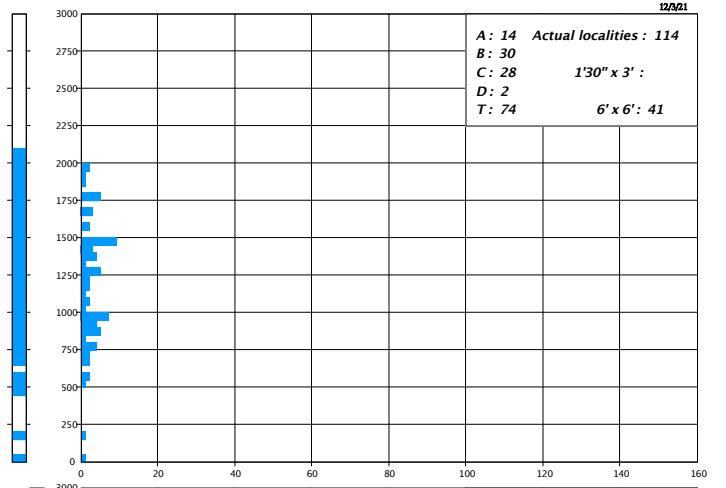
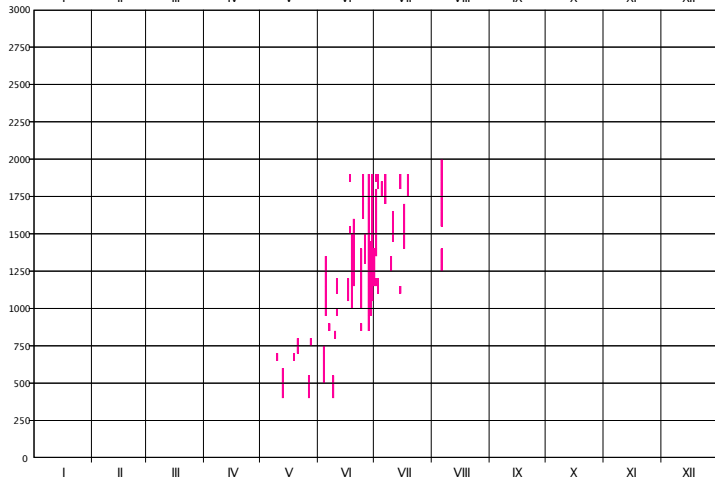
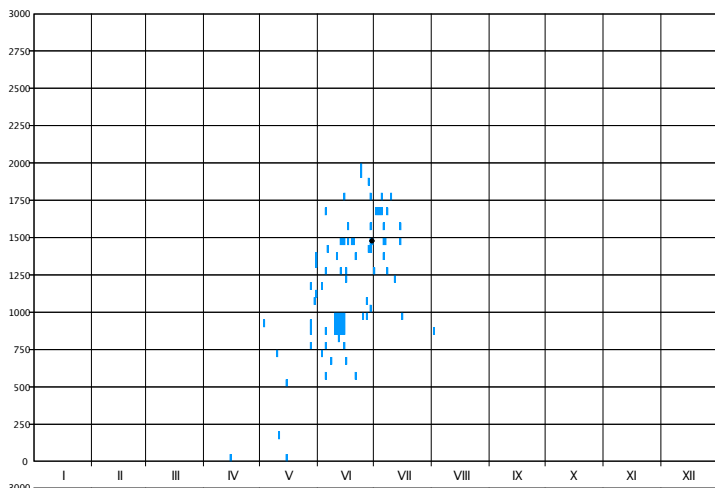
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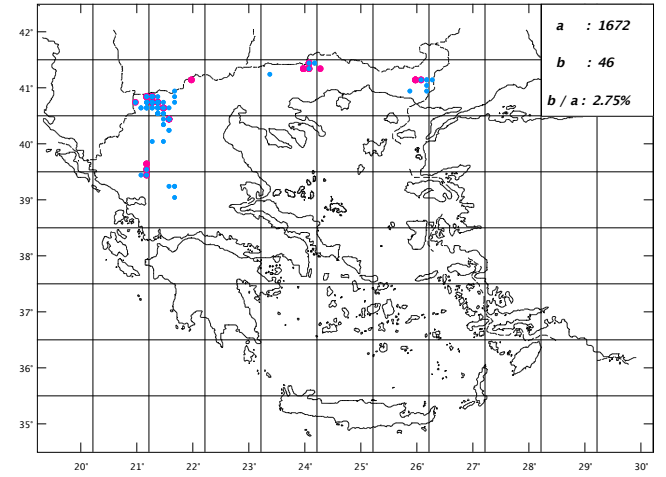


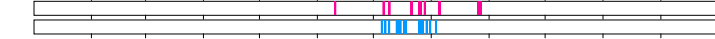
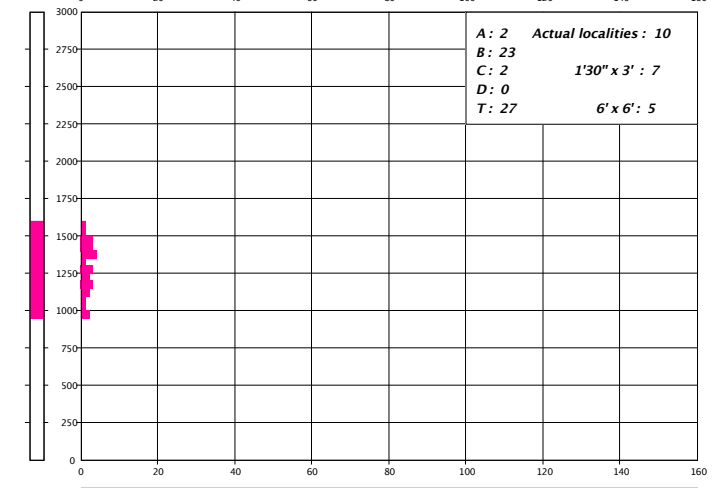
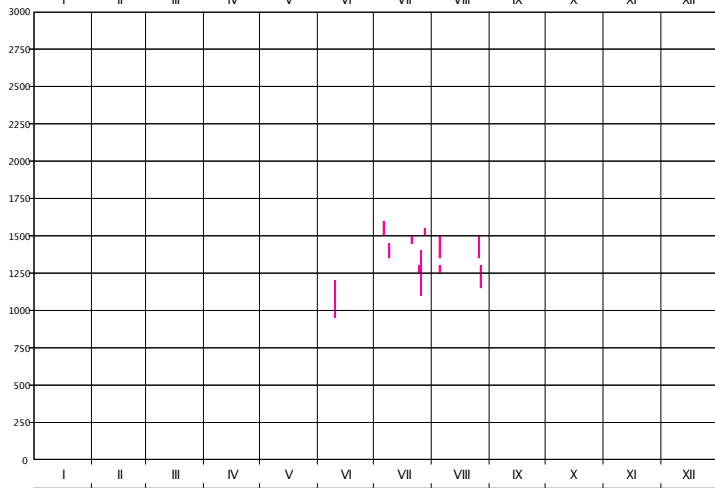
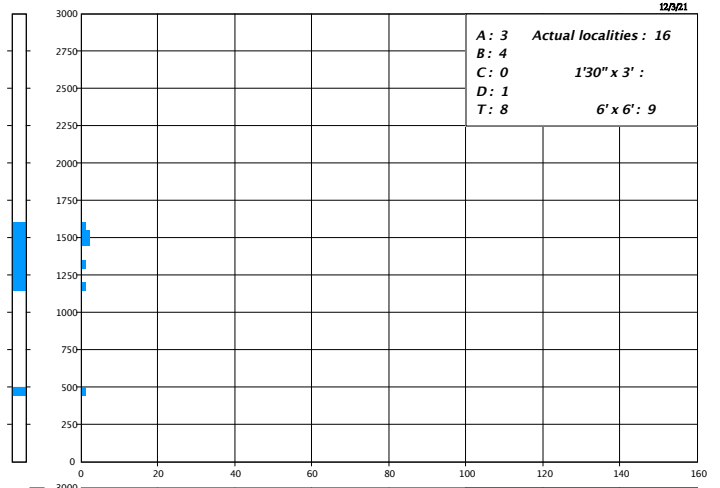
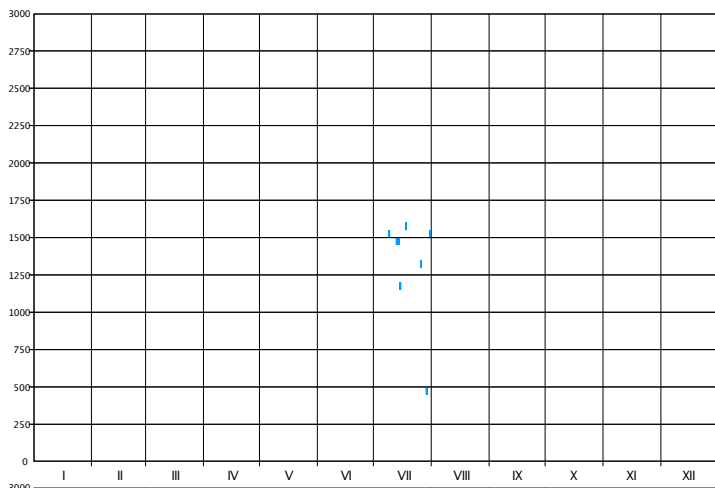
**SATYRIDAE *Coenonympha orientalis***



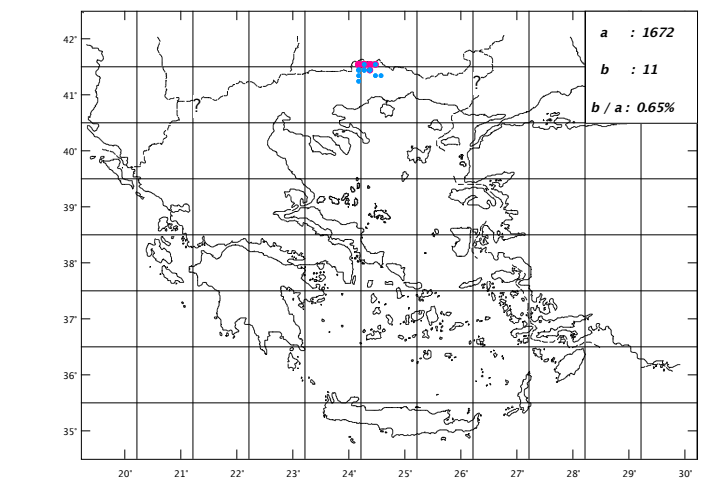
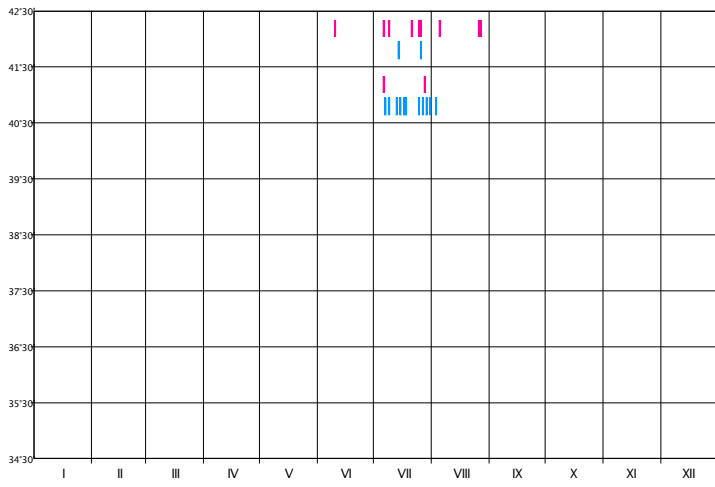


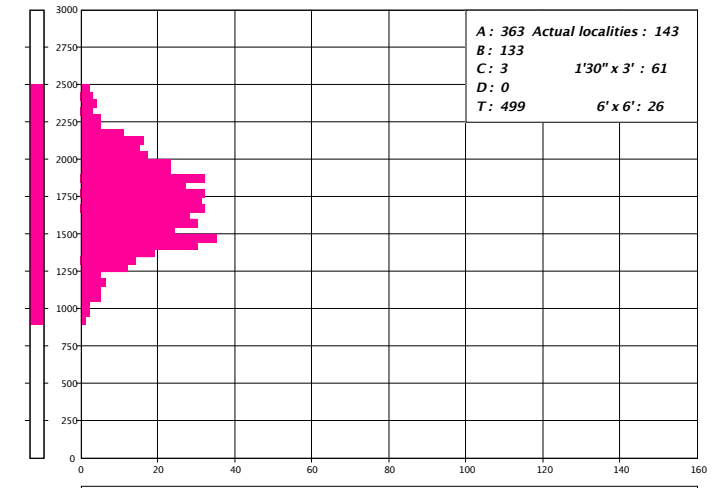
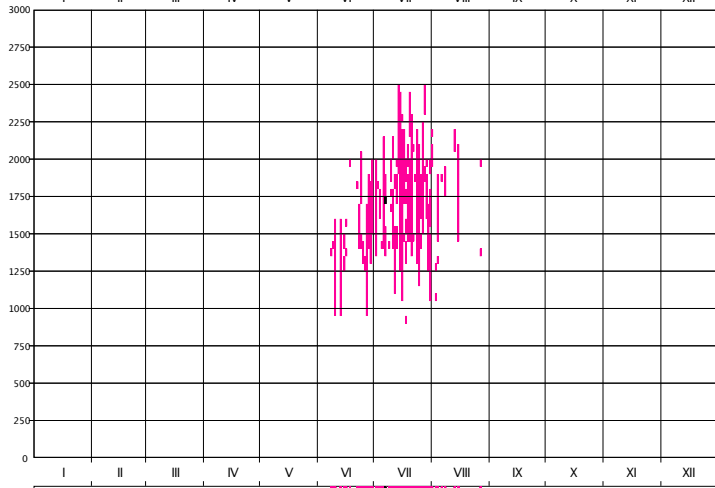
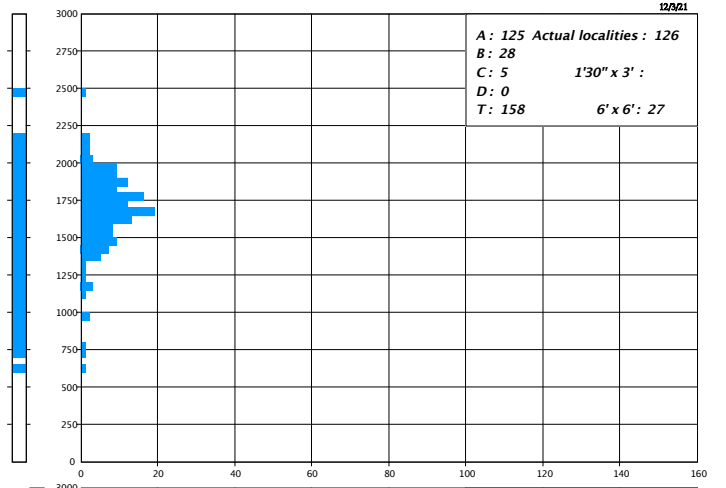
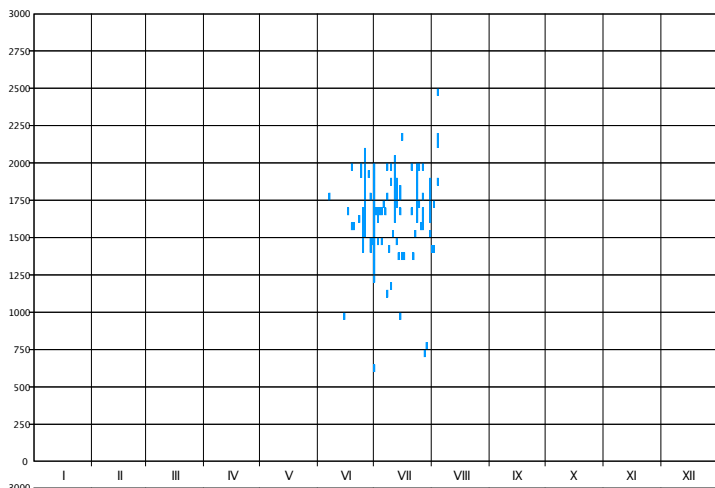
**SATYRIDAE *Coenonympha leander***



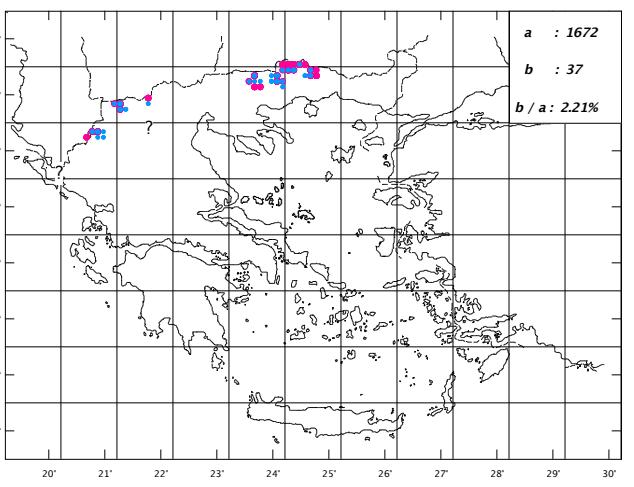
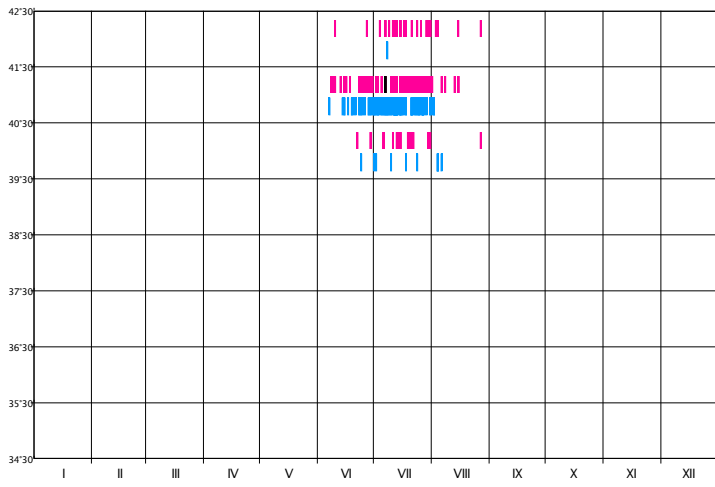


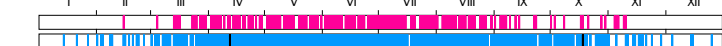
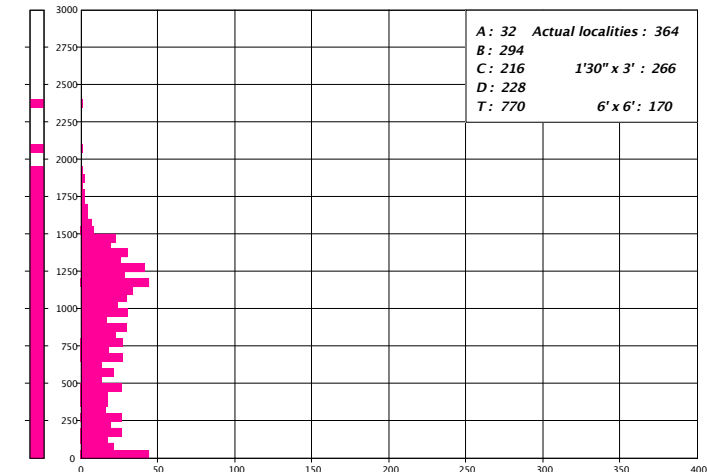
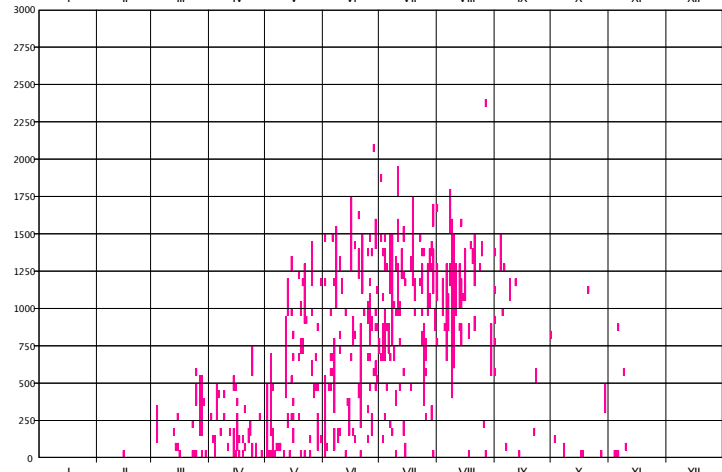
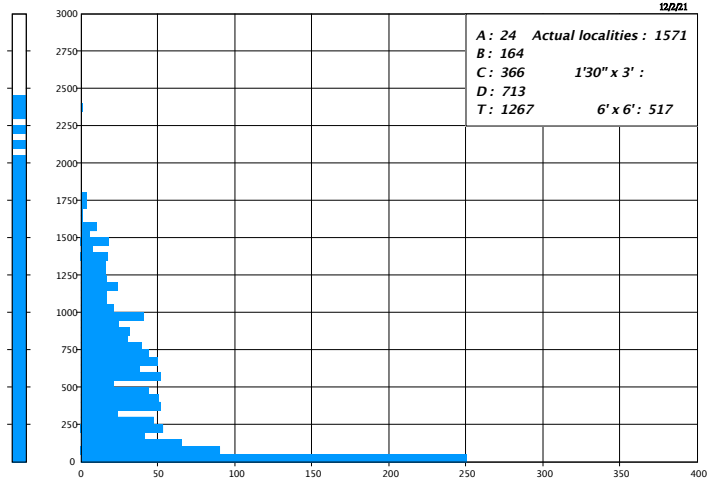
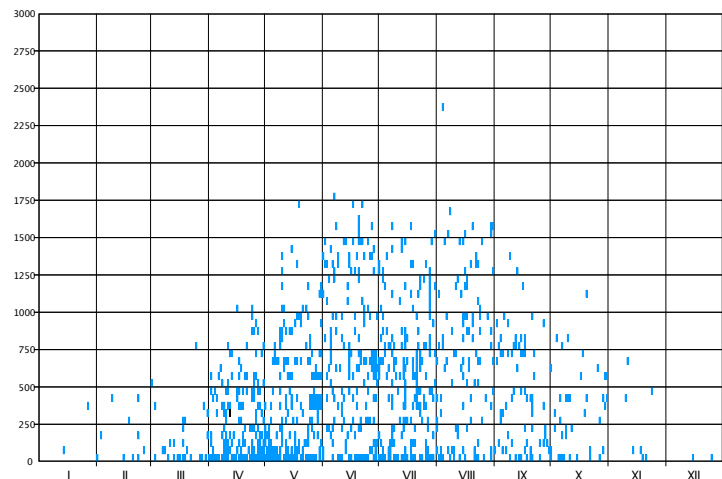
**SATYRIDAE *Coenonympha glycerion***



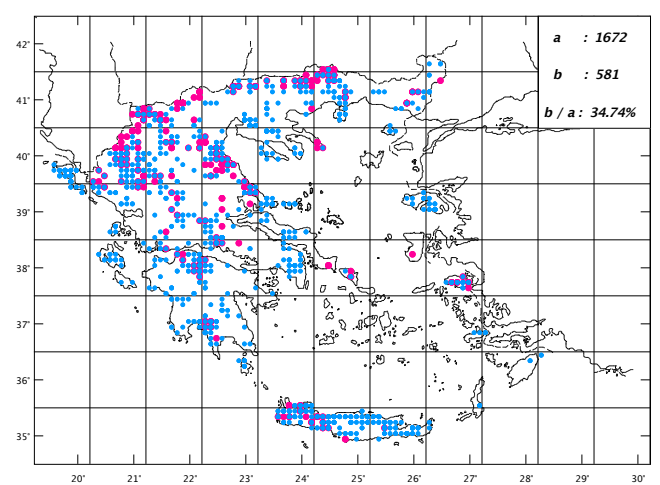
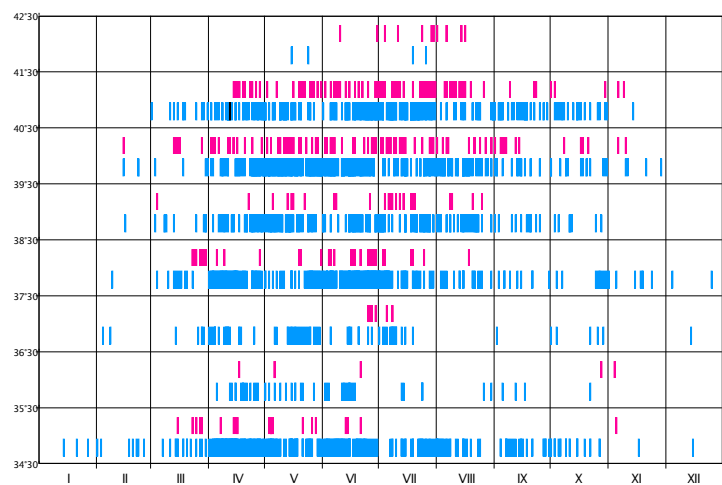


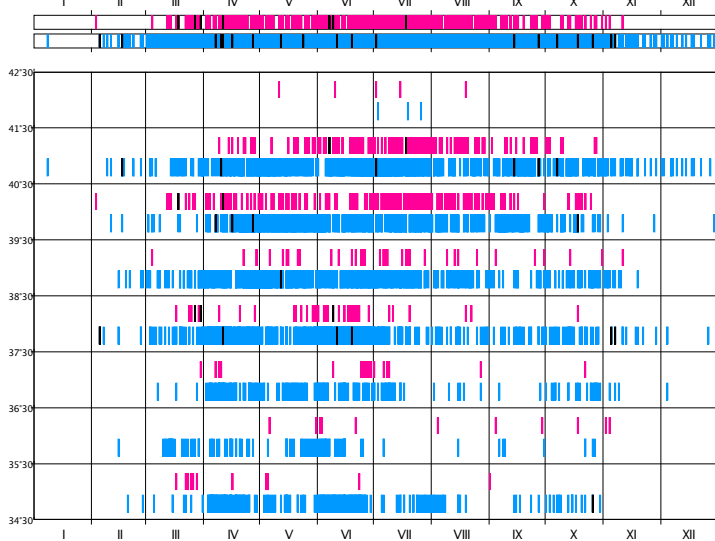
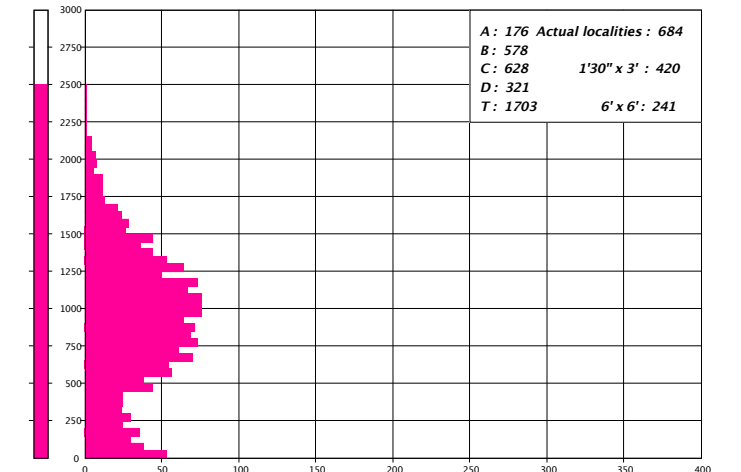
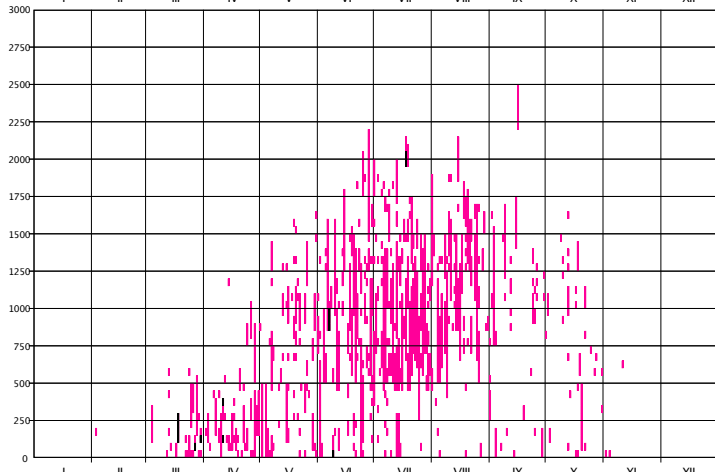
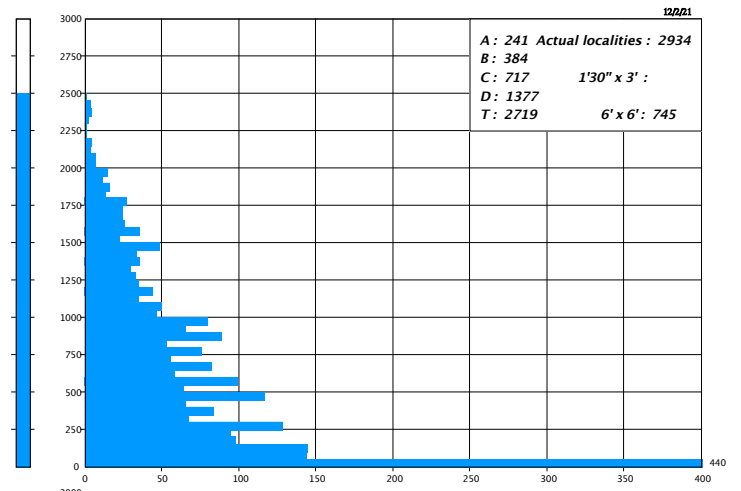
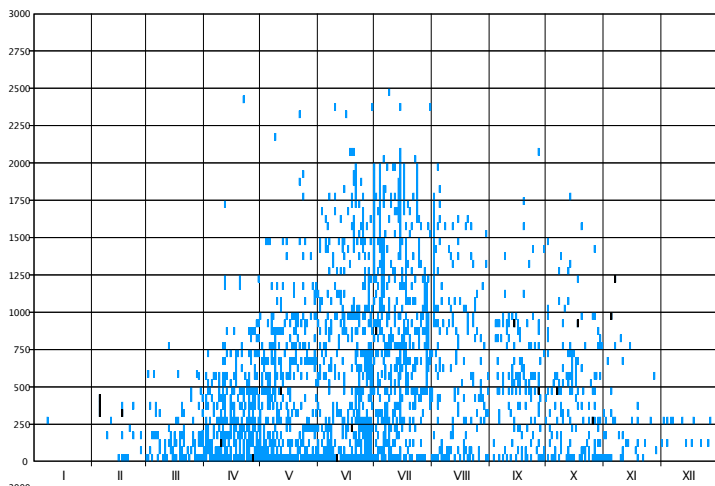
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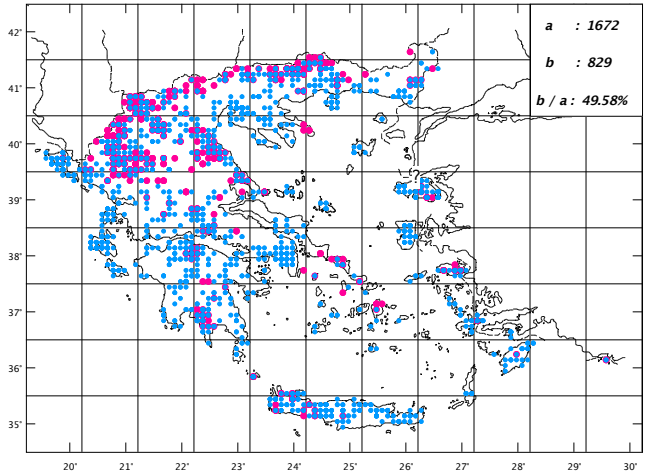


**SATYRIDAE *Pararge aegeria***

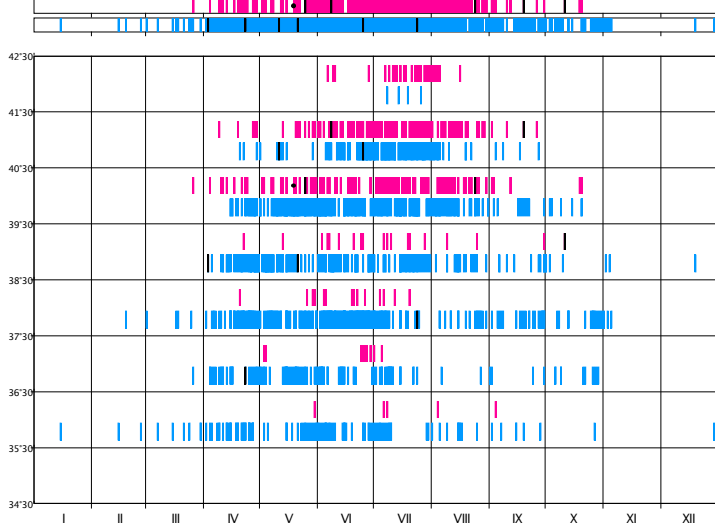
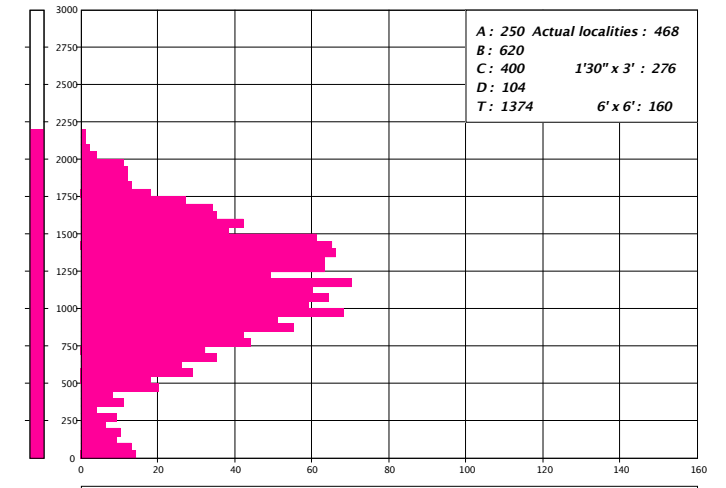
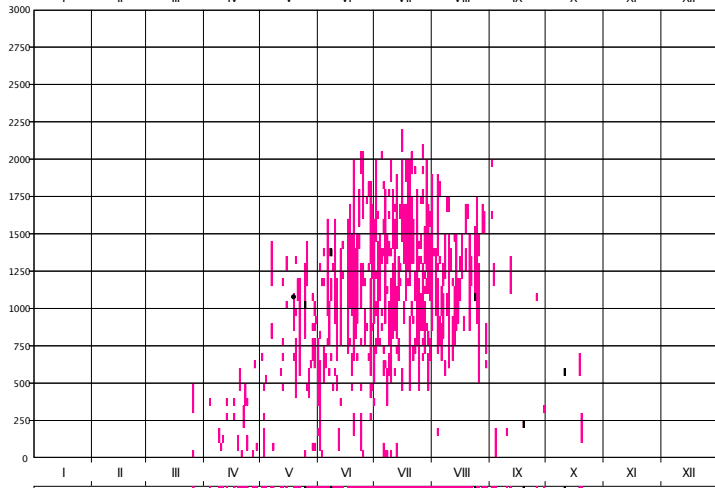
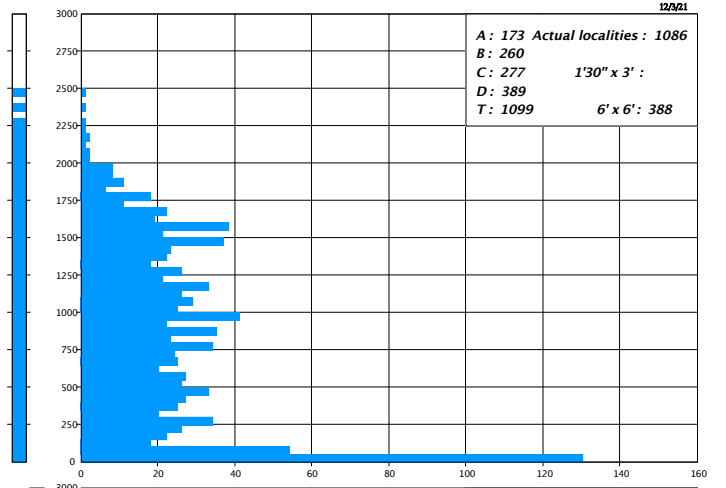
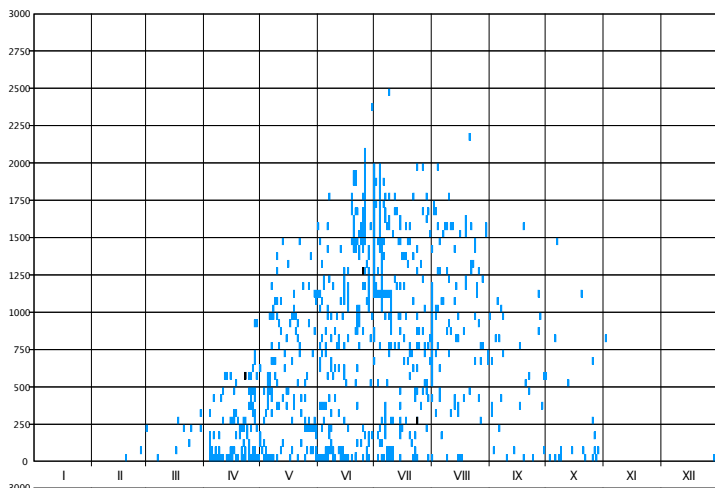




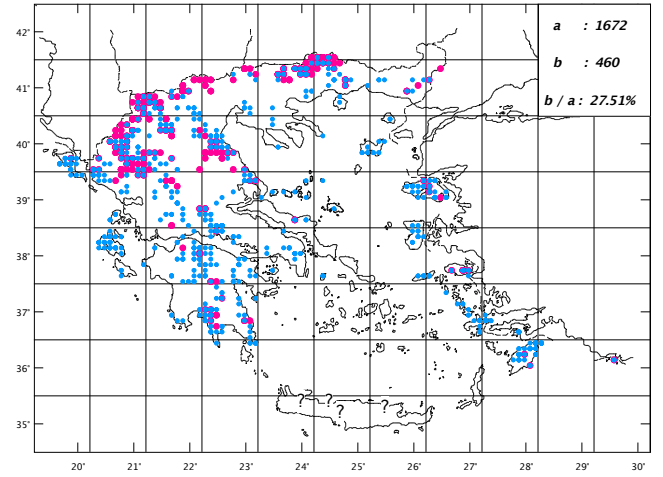
**SATYRIDAE *Lasiommata megera***



[https://www.pamperis.gr/PHOTOGRAPHS/Lasiommata\\_maera,\\_Lasiommata\\_megera,\\_Lasiommata\\_petropolitana.html](https://www.pamperis.gr/PHOTOGRAPHS/Lasiommata_maera,_Lasiommata_megera,_Lasiommata_petropolitana.html)

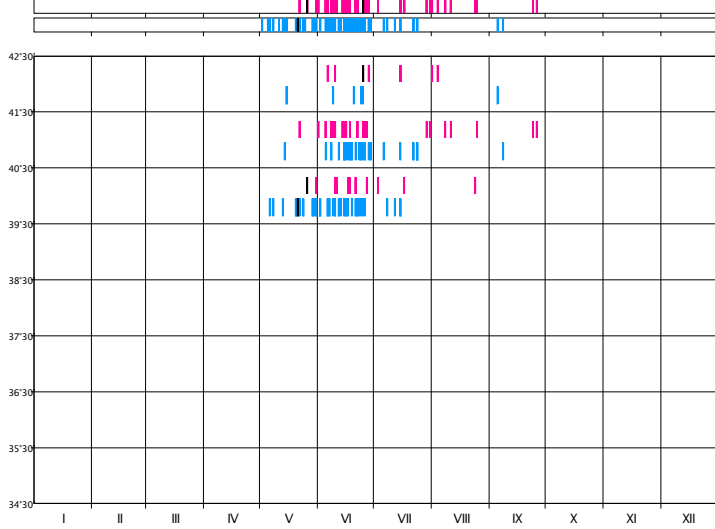
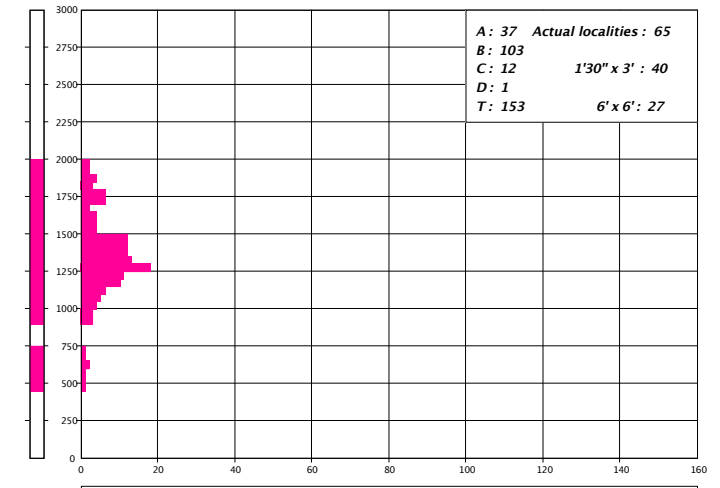
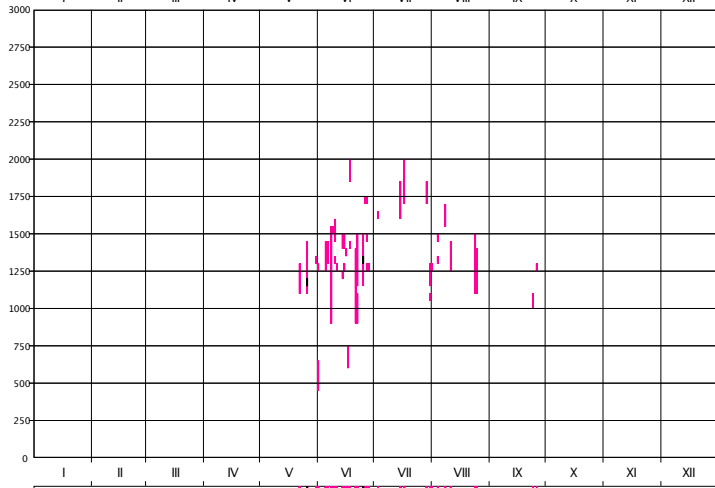
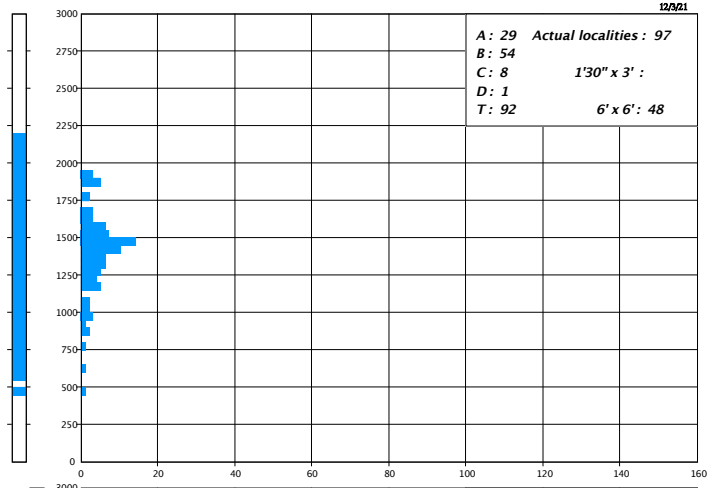
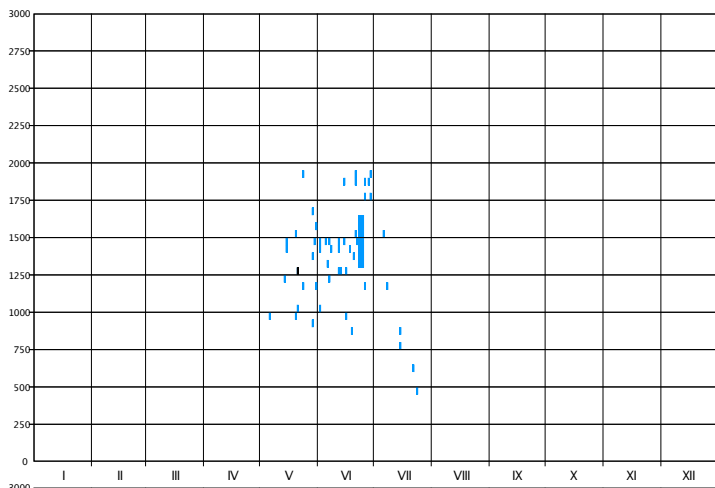


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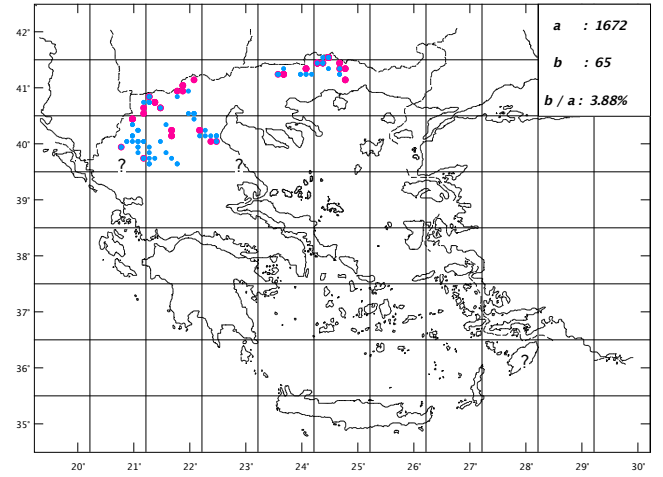


[https://www.pamperis.gr/PHOTOGRAPHS/Lasiommata\\_maera,\\_Lasiommata\\_megera,\\_Lasiommata\\_petropolitana.html](https://www.pamperis.gr/PHOTOGRAPHS/Lasiommata_maera,_Lasiommata_megera,_Lasiommata_petropolitana.html)

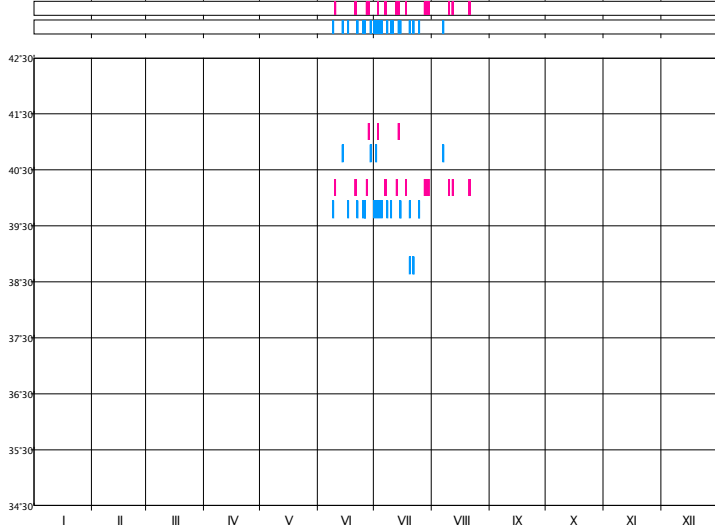
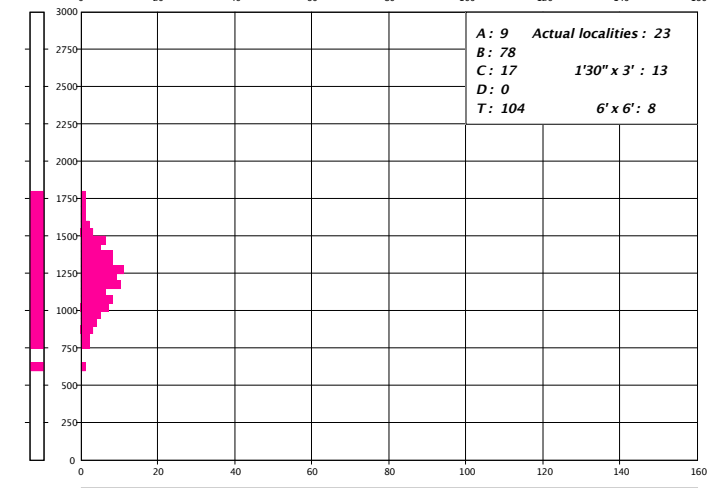
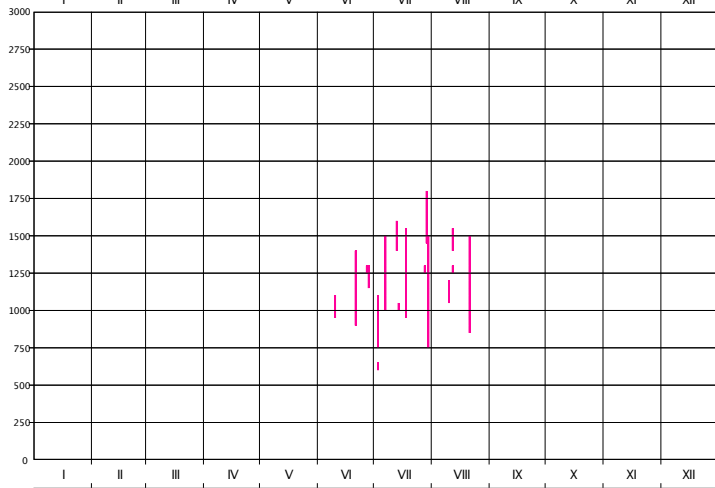
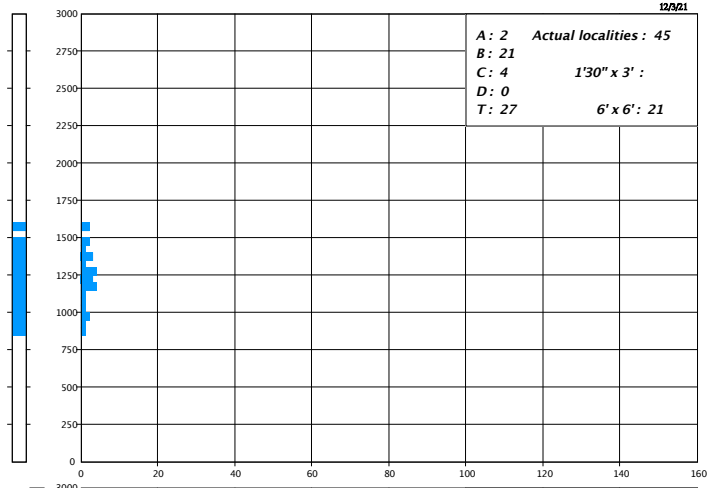
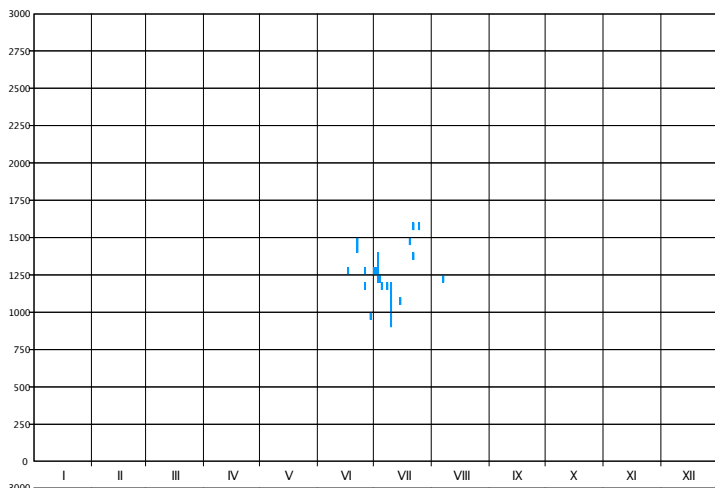




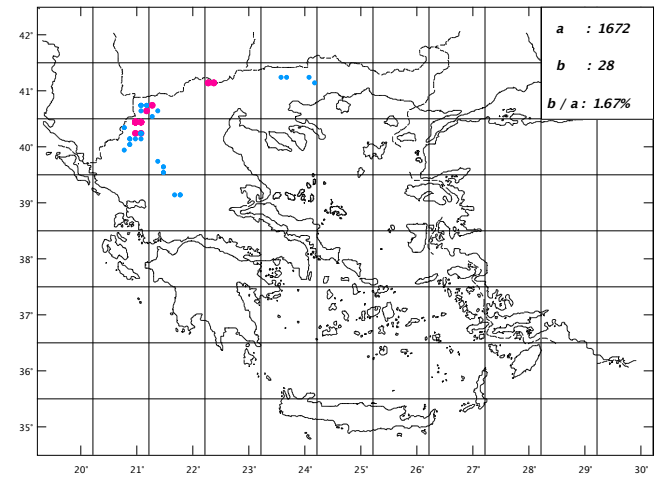
**SATYRIDAE *Lasiommata petropolitana***

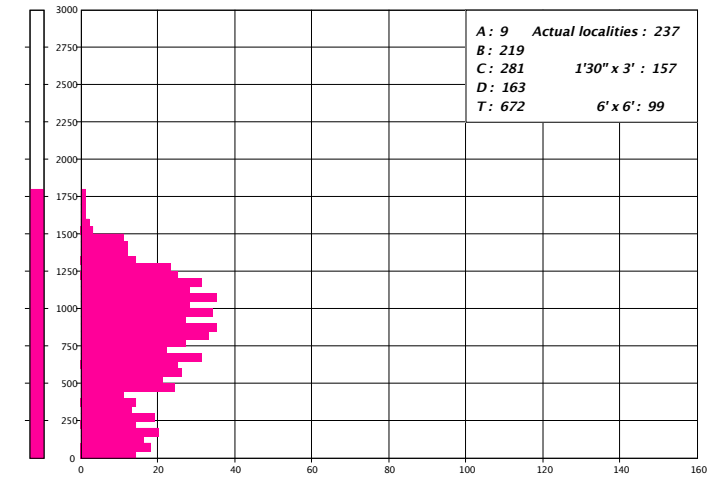
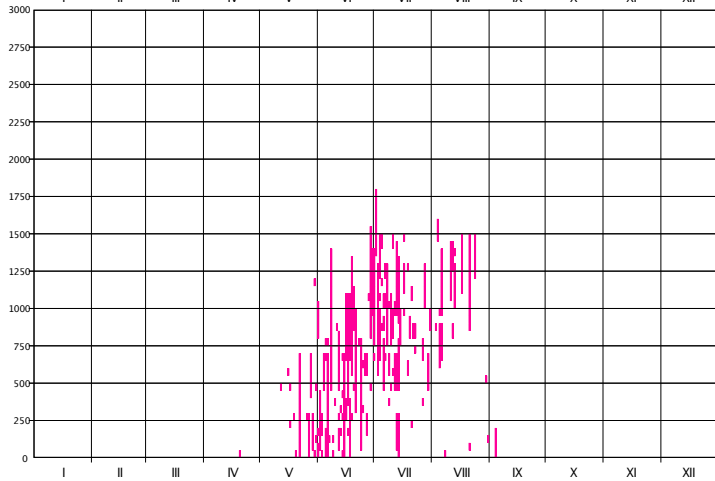
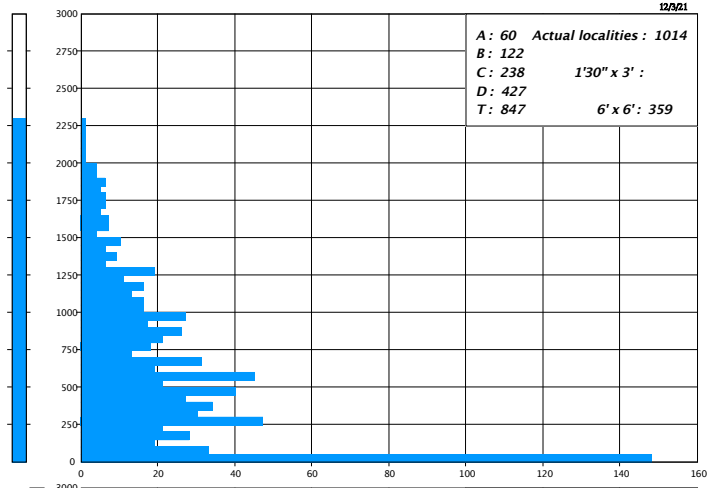
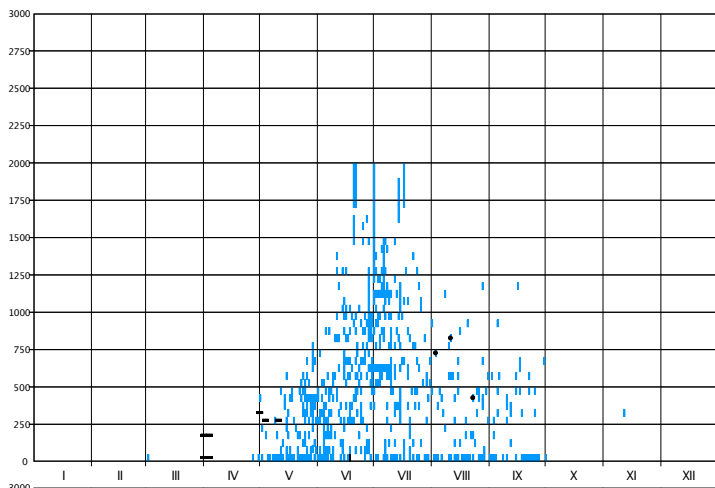


[https://www.pamperis.gr/PHOTOGRAPHS/Lasiommata\\_maera,\\_Lasiommata\\_megera,\\_Lasiommata\\_petropolitana.html](https://www.pamperis.gr/PHOTOGRAPHS/Lasiommata_maera,_Lasiommata_megera,_Lasiommata_petropolitana.html)

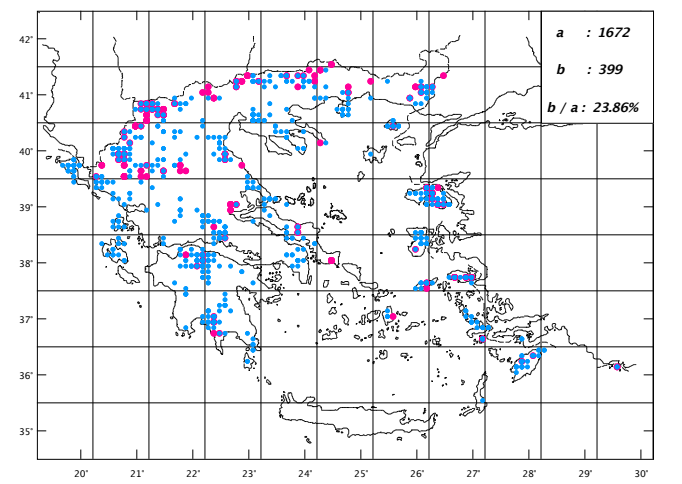
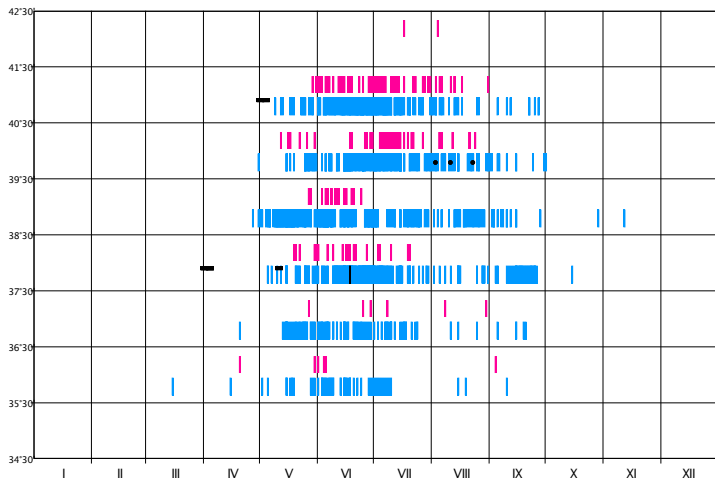


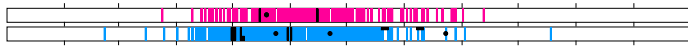
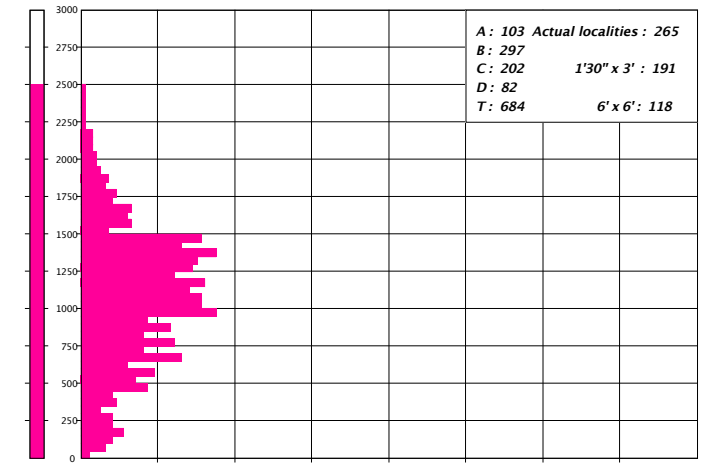
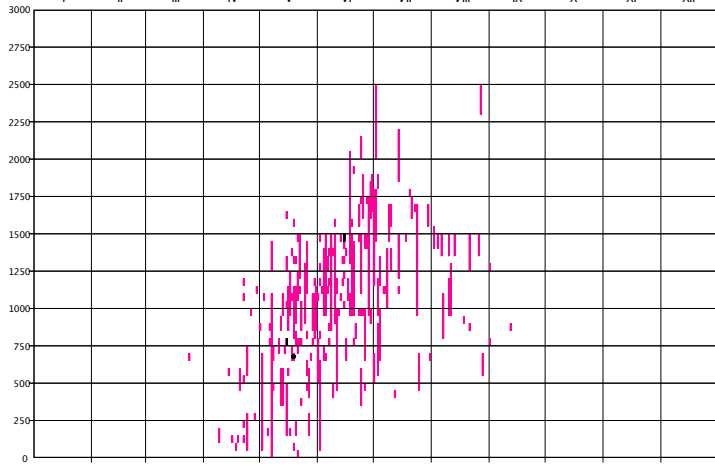
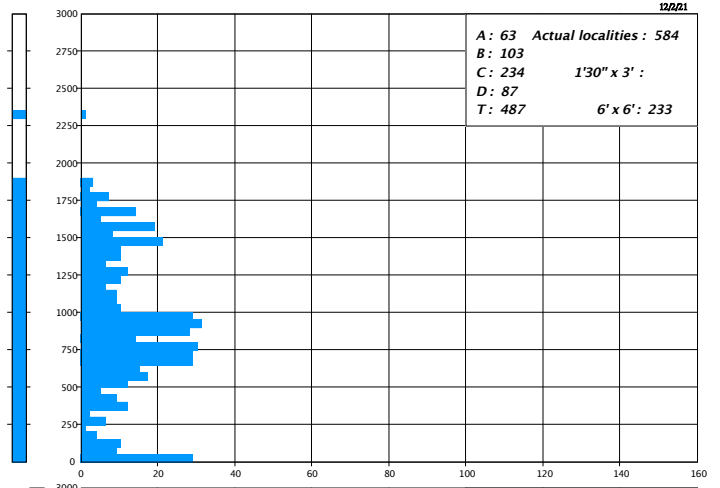
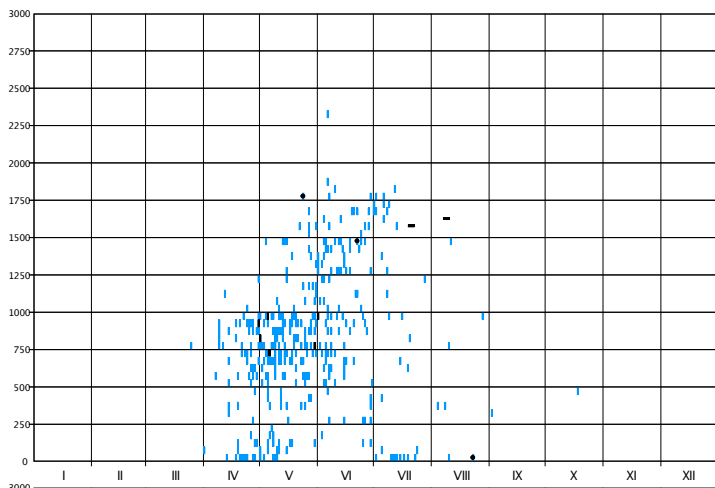
**SATYRIDAE *Kirinia climene***



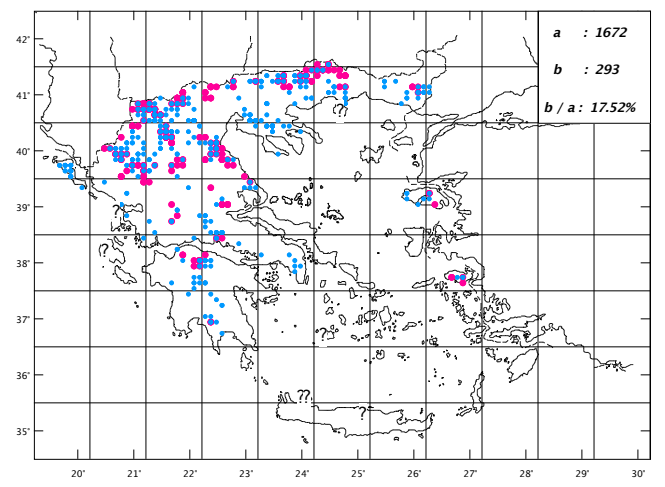
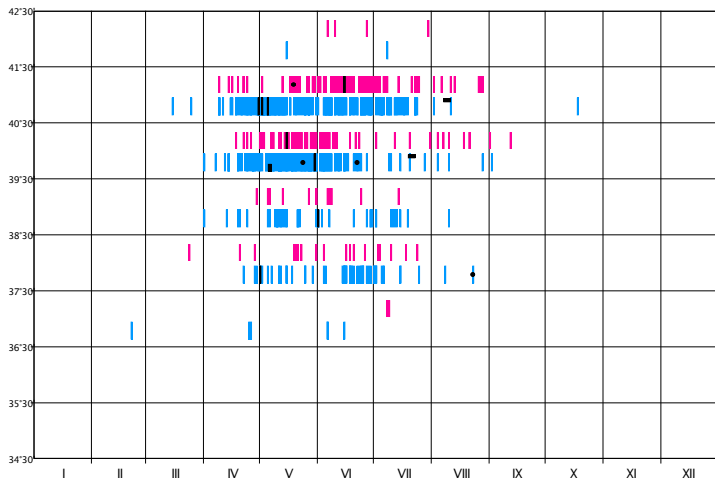


**SATYRIDAE *Kirinia roxelana***

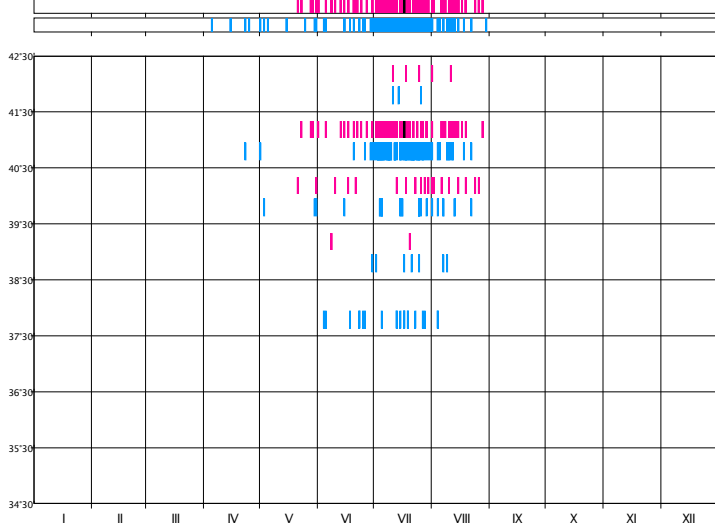
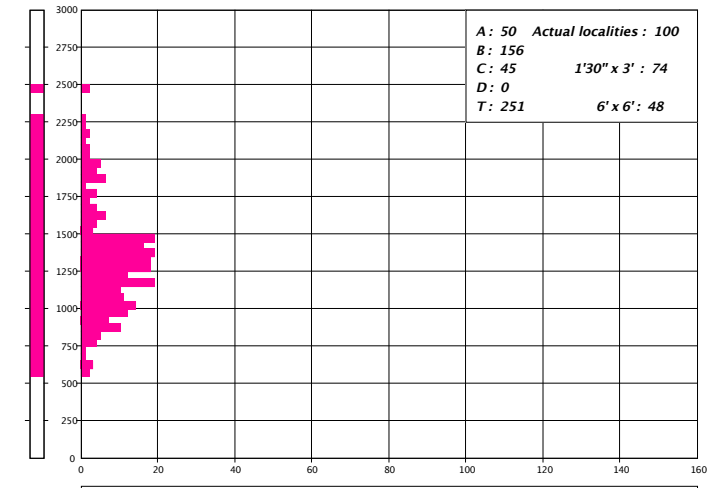
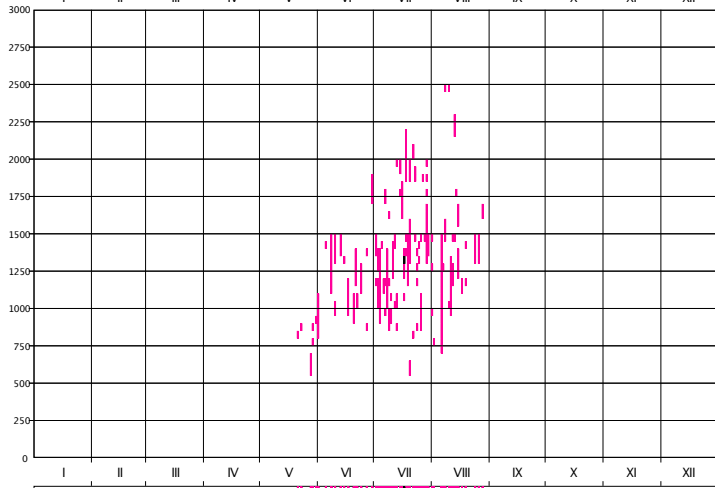
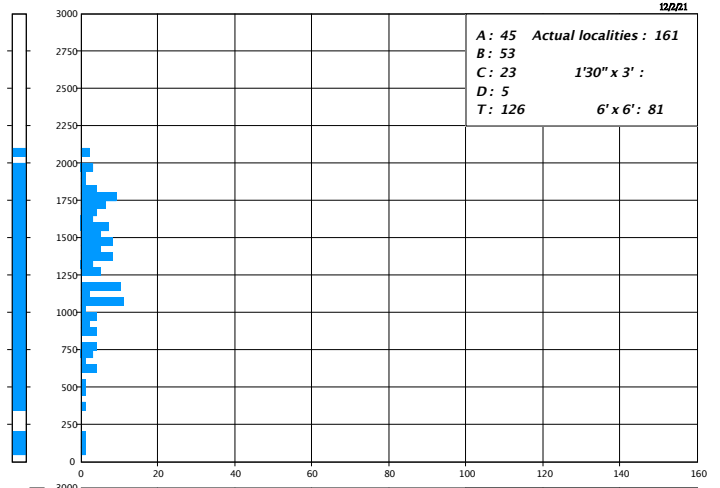
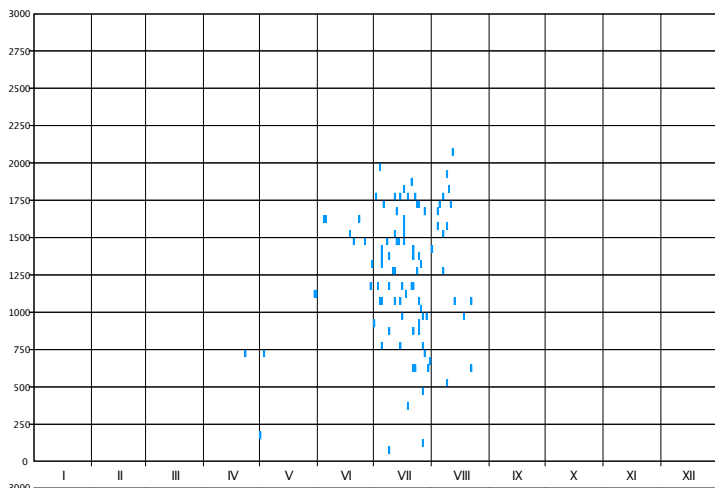




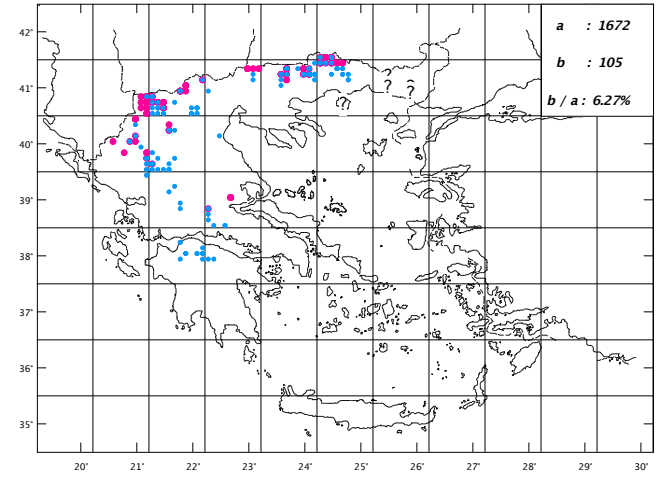
**HESPERIIDAE *Pyrgus malvae***



<http://www.pamperis.gr/PHOTOGRAPHS/Pyrgus.html>

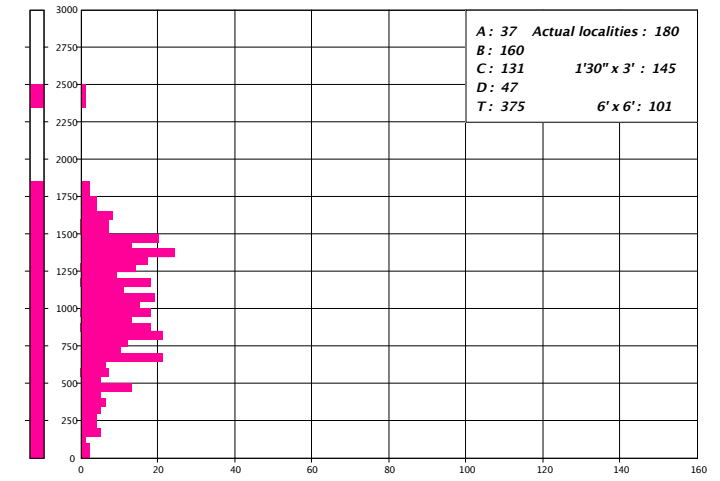
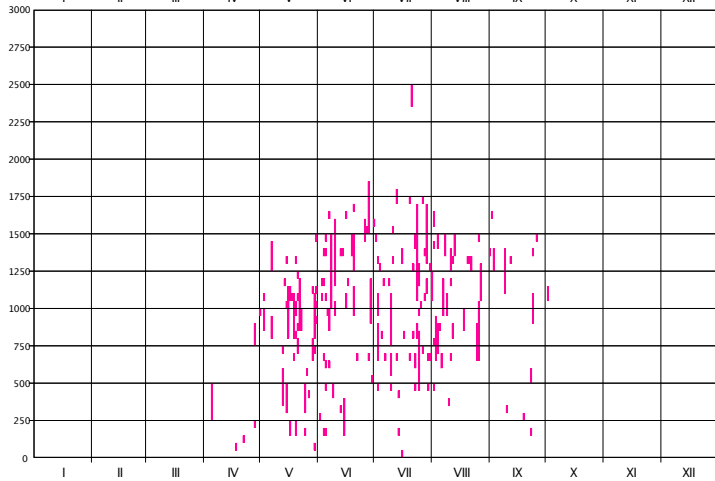
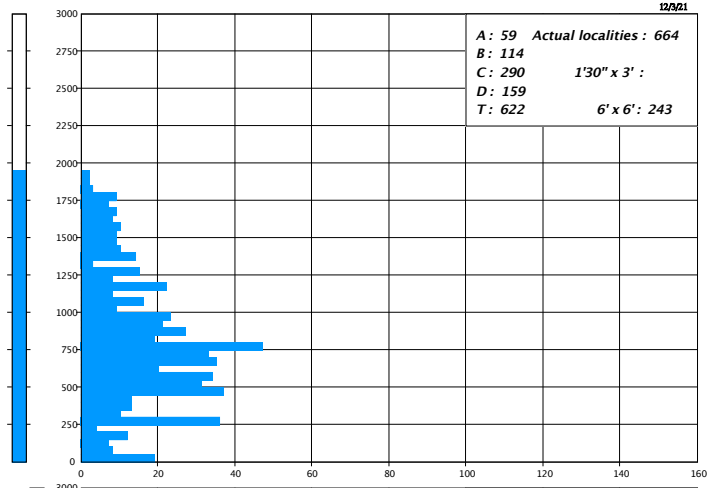
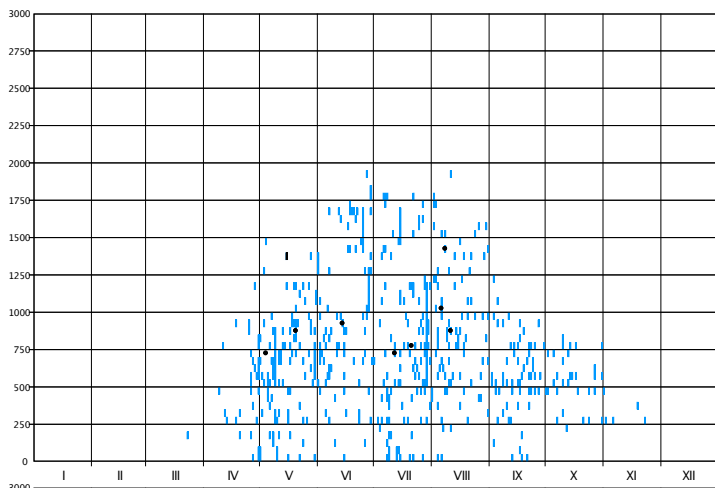


HESPERIIDAE *Pyrgus alveus*

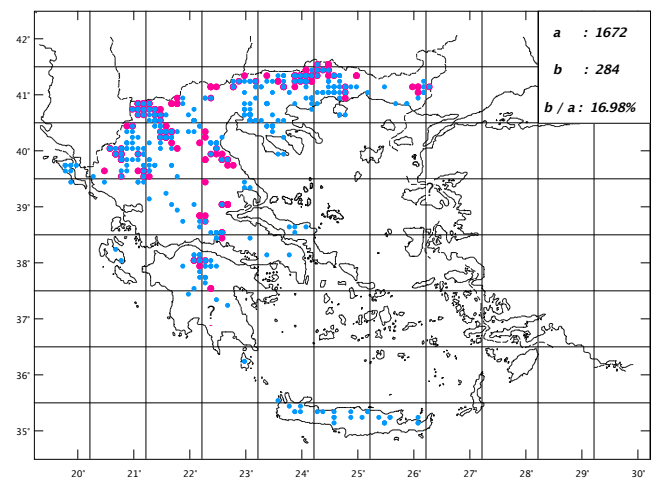
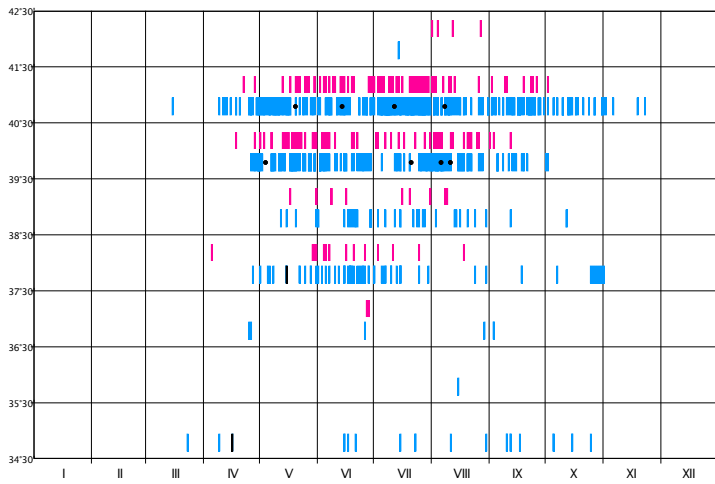


Αμφίβολη αναγνώριση / Identification Uncertain

<http://www.pamperis.gr/PHOTOGRAPHS/Pyrgus.html>

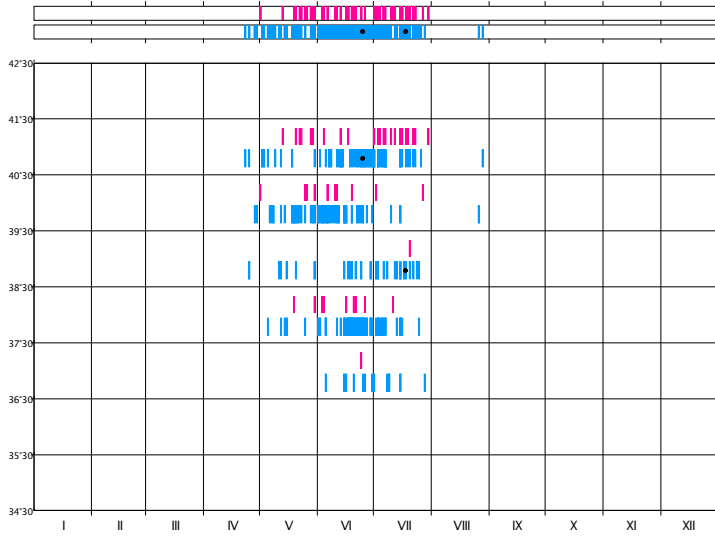
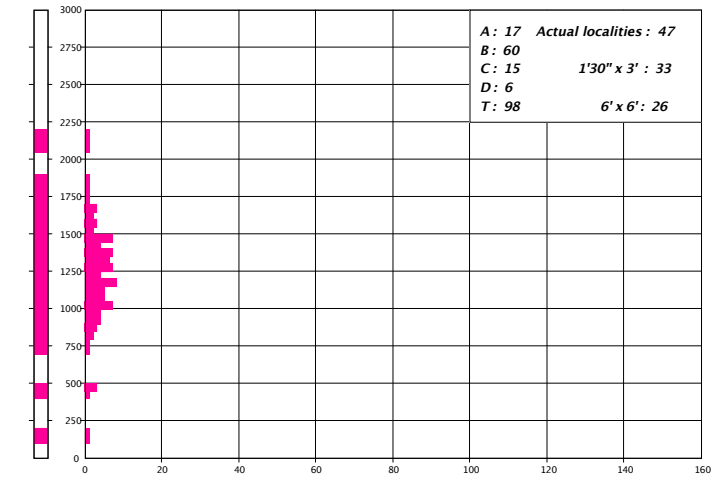
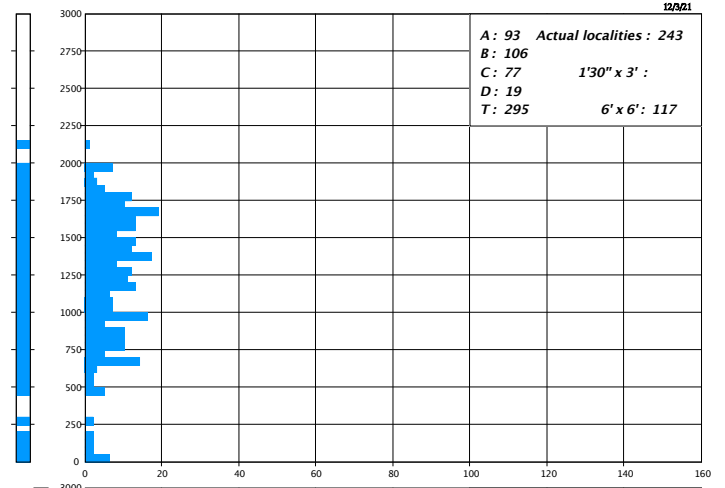
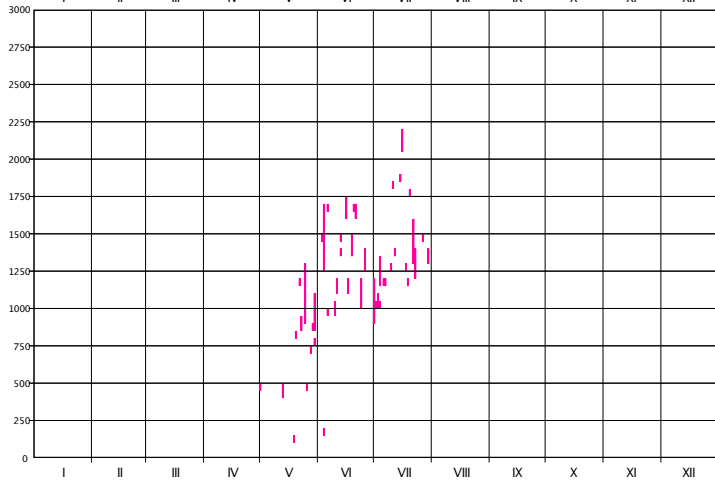
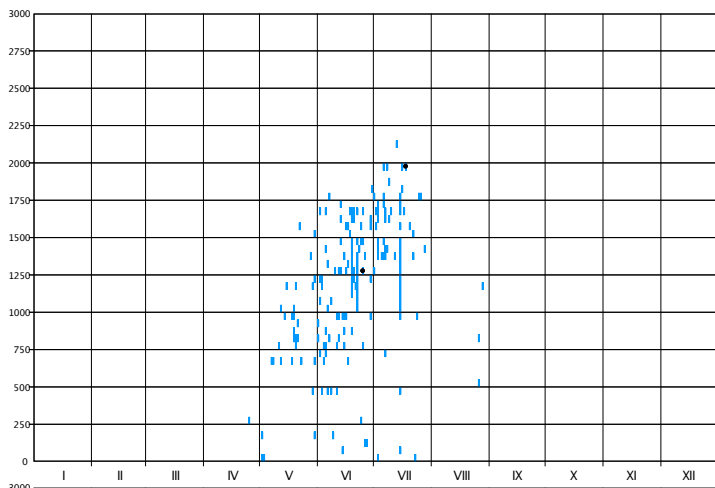


**HESPERIIDAE *Pyrgus armoricanus***

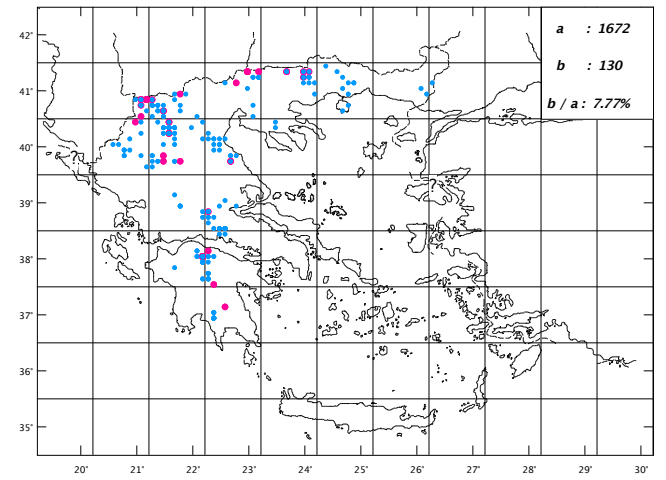


**Αμφίβολη αναγνώριση / Identification Uncertain**

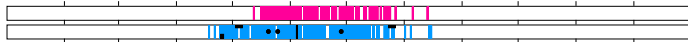
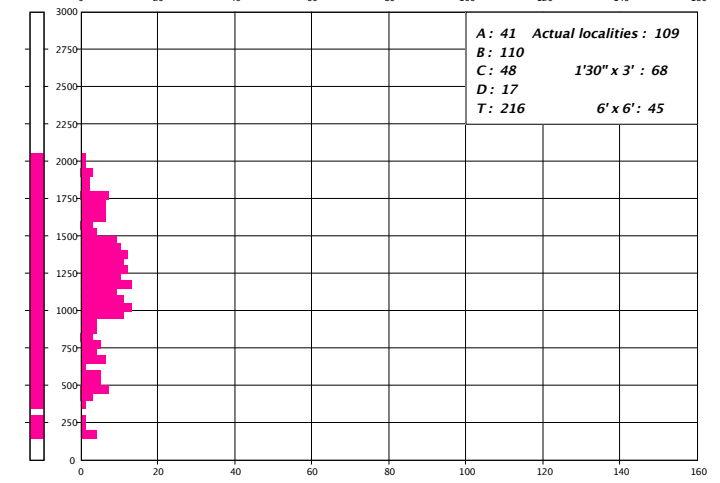
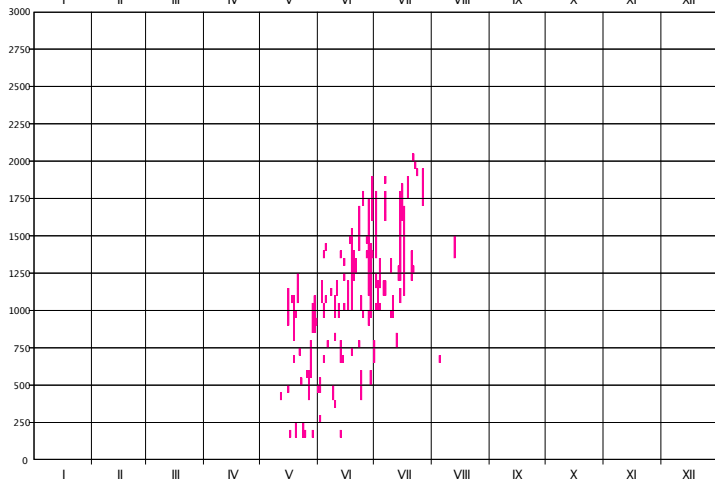
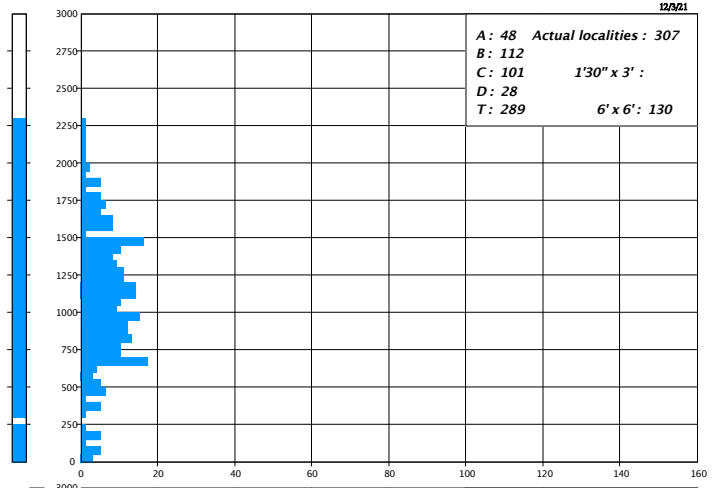
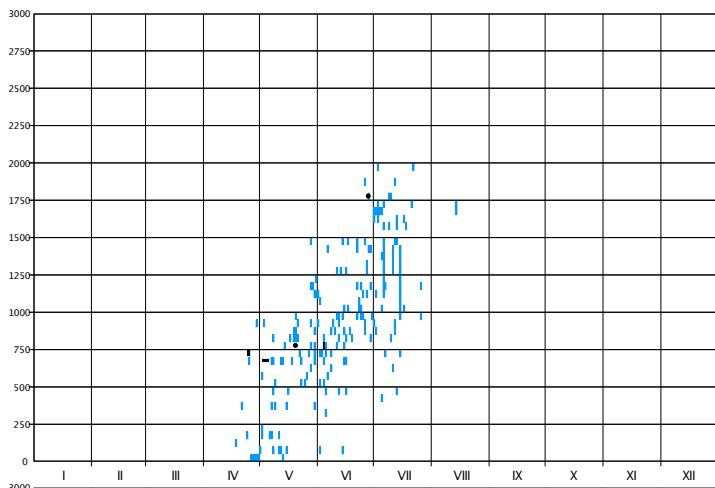
<http://www.pamperis.gr/PHOTOGRAPHS/Pyrgus.html>



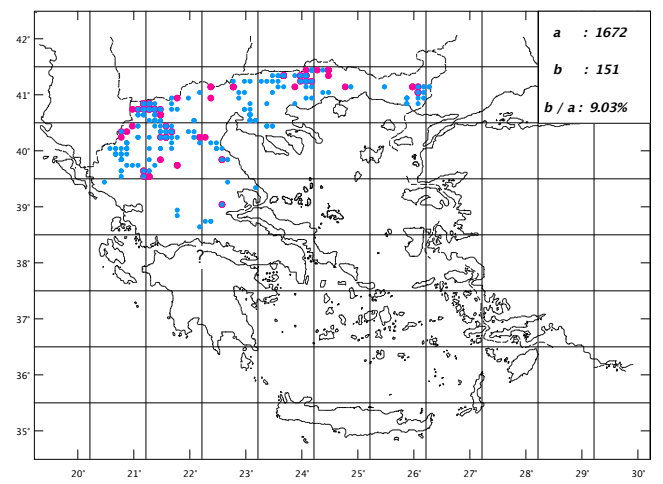
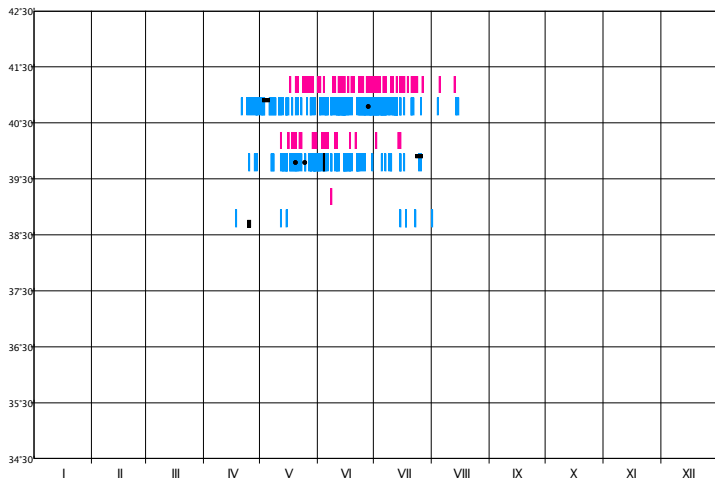
**HESPERIIDAE *Pyrgus serratulae***



<http://www.pamperis.gr/PHOTOGRAPHS/Pyrgus.html>

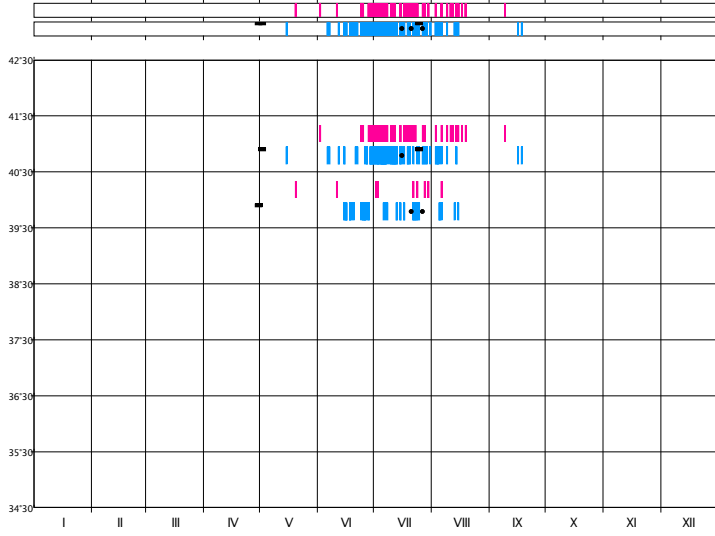
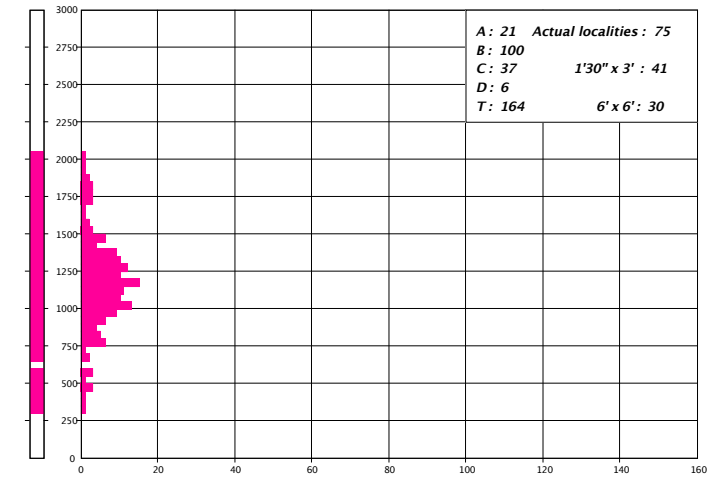
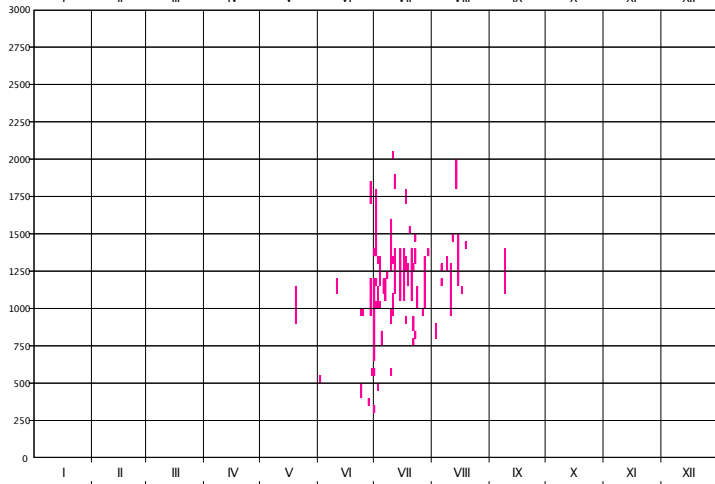
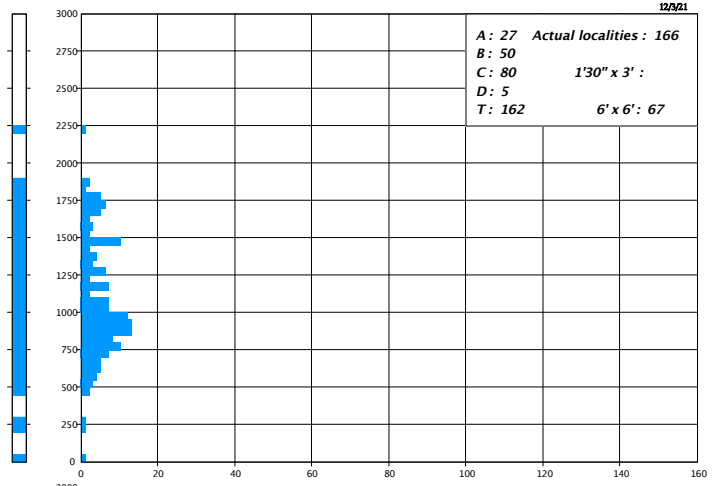
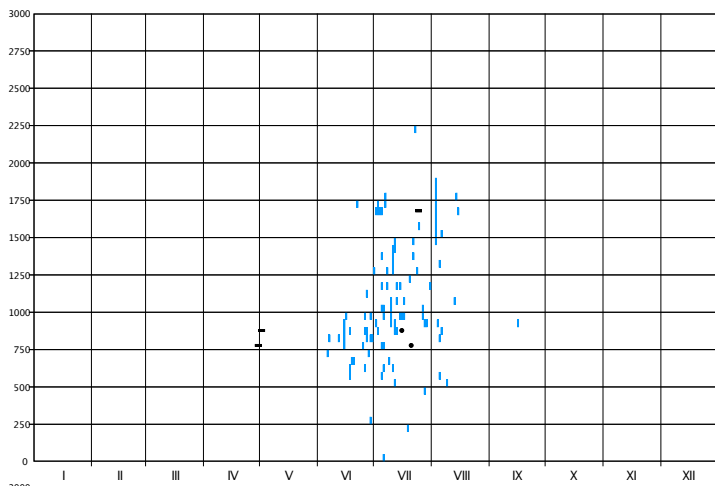


**HESPERIIDAE *Pyrgus sidae***

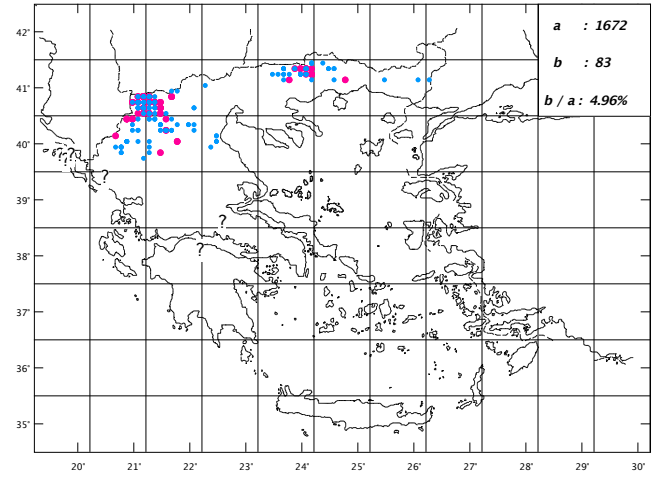


<http://www.pamperis.gr/PHOTOGRAPHS/Pyrgus.html>

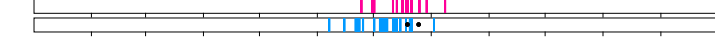
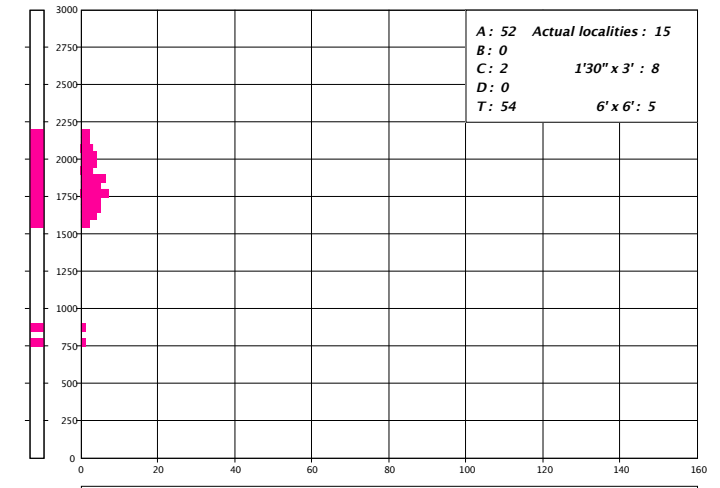
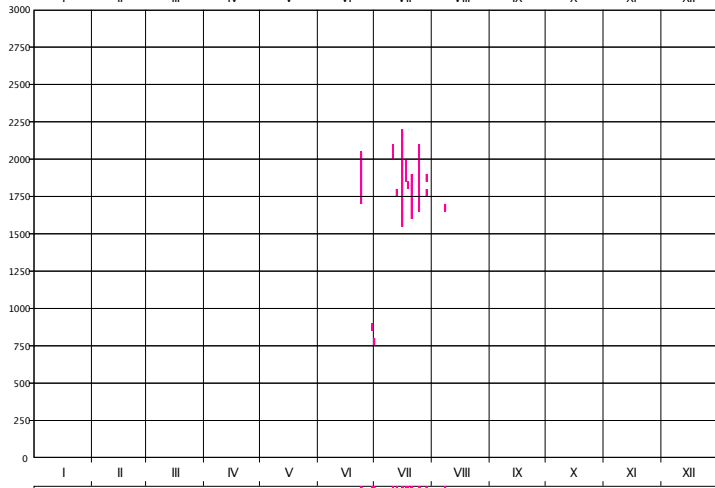
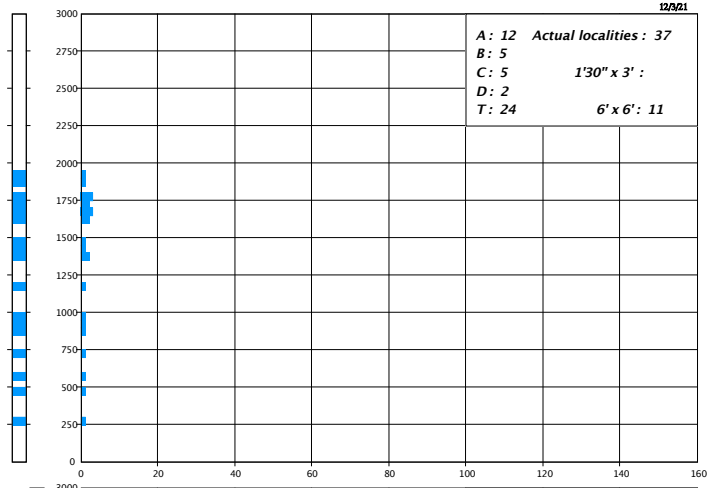
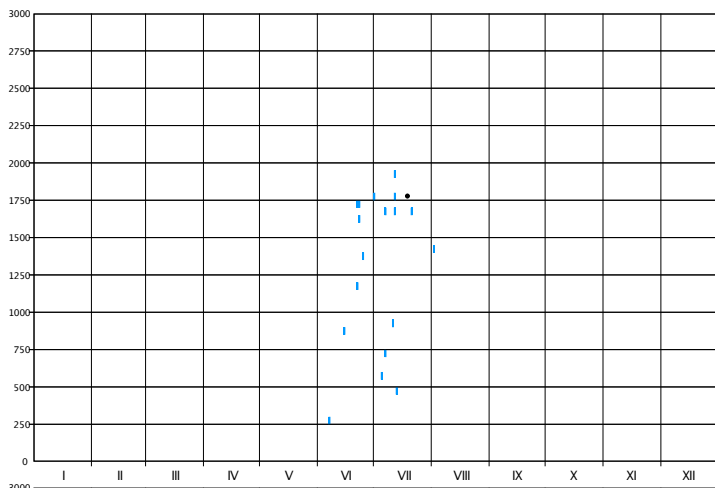




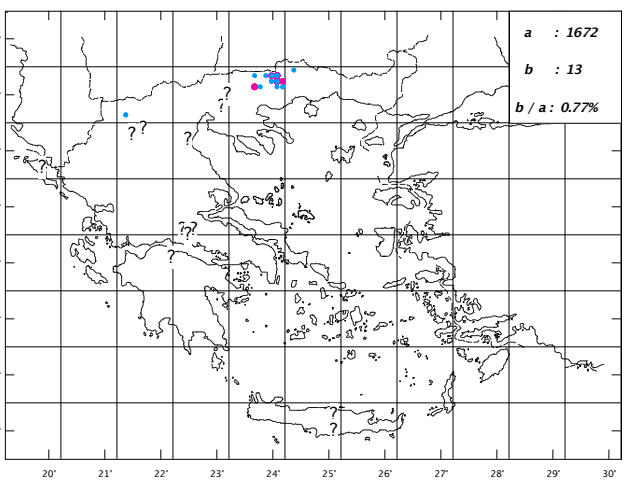
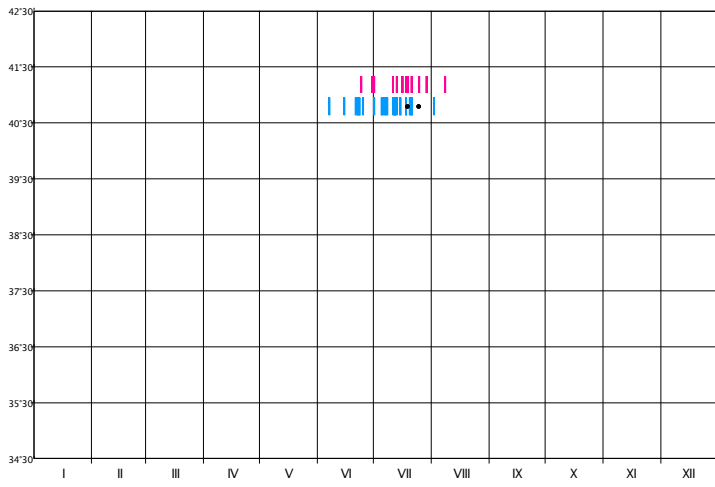
**HESPERIIDAE *Pyrgus cinarae***



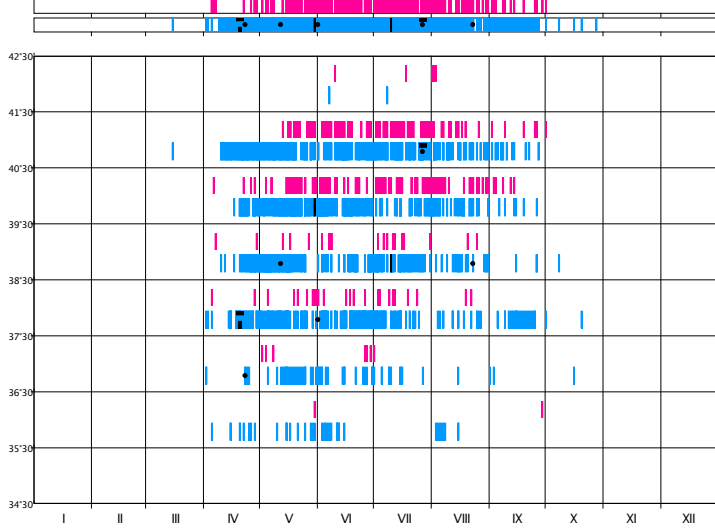
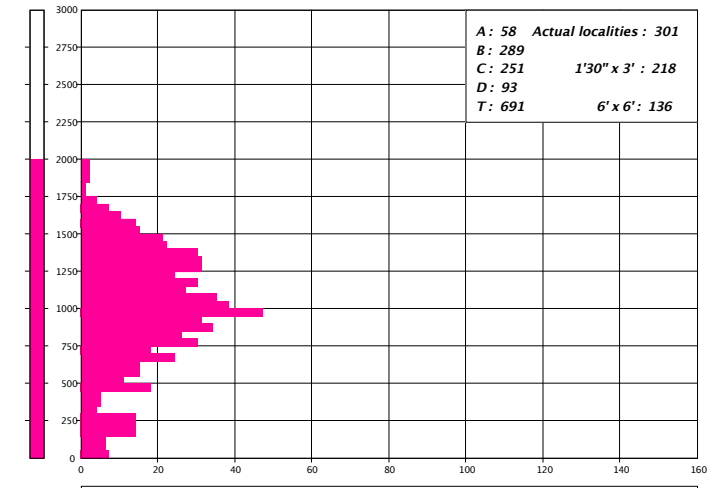
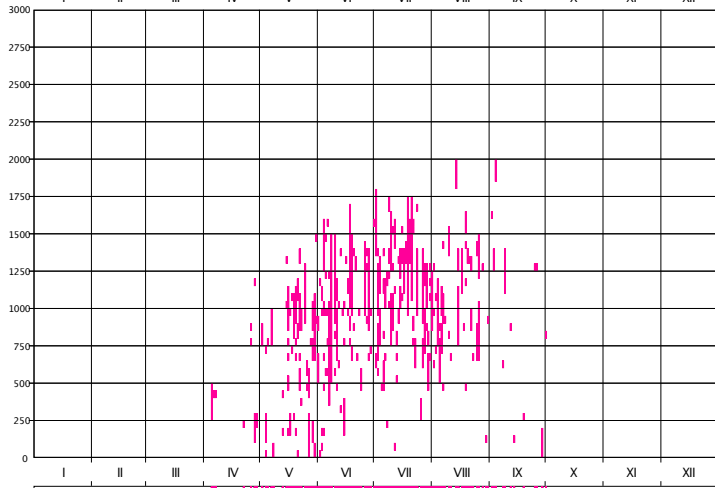
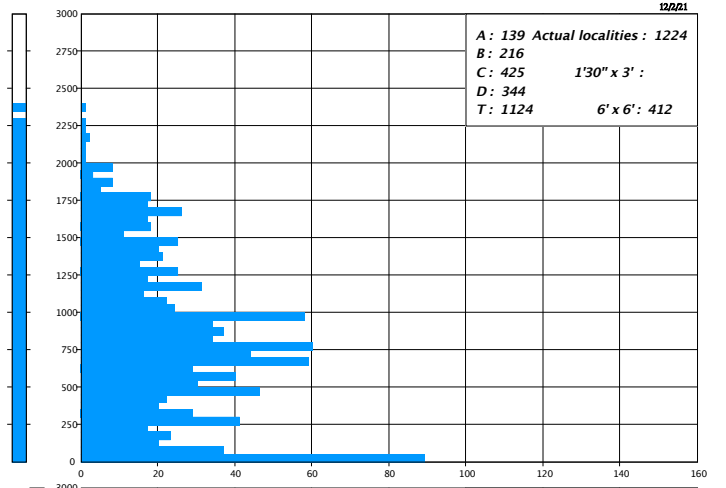
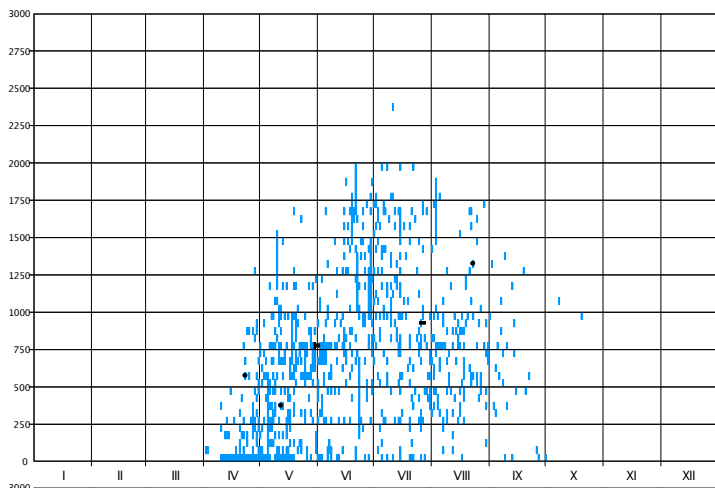
<http://www.pamperis.gr/PHOTOGRAPHS/Pyrgus.html>



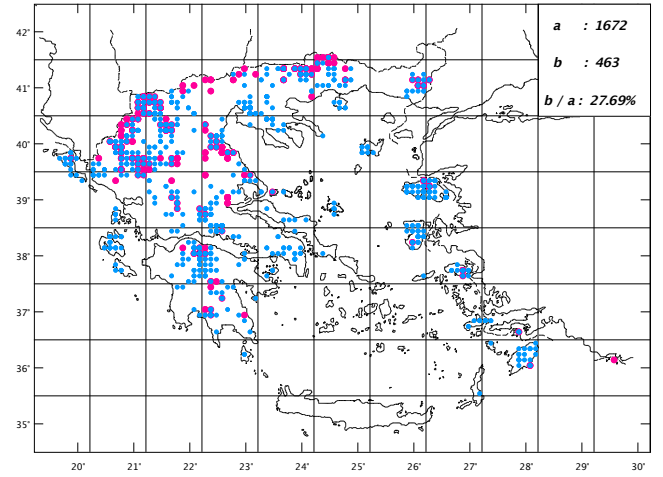
**HESPERIIDAE *Pyrgus carthami***

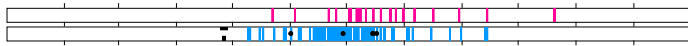
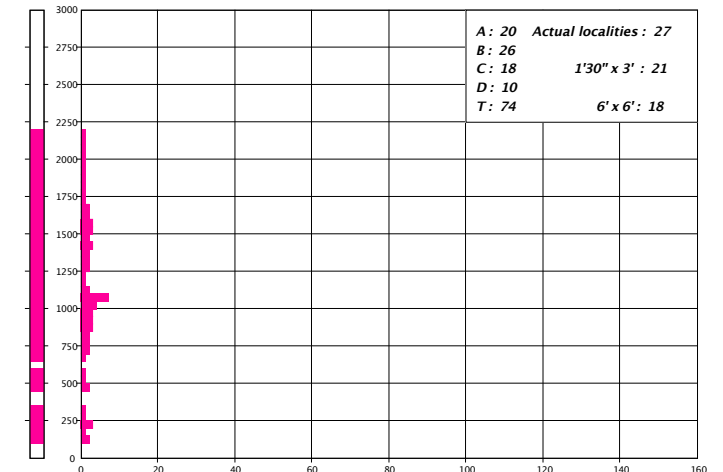
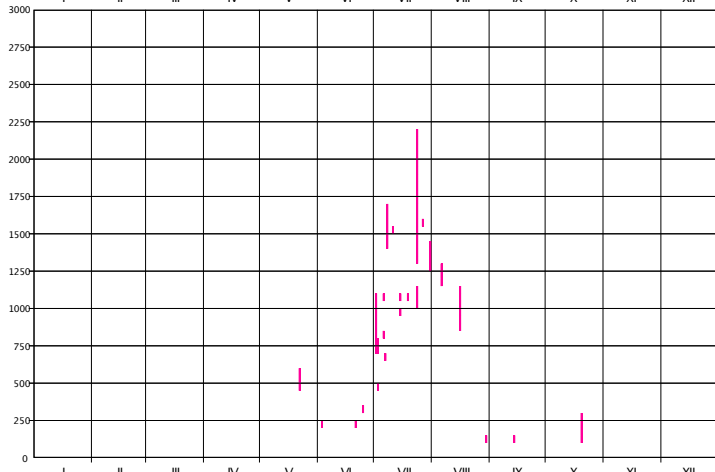
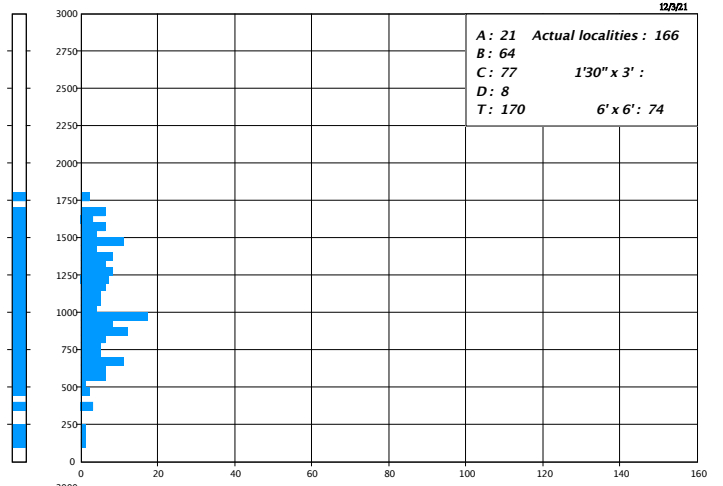
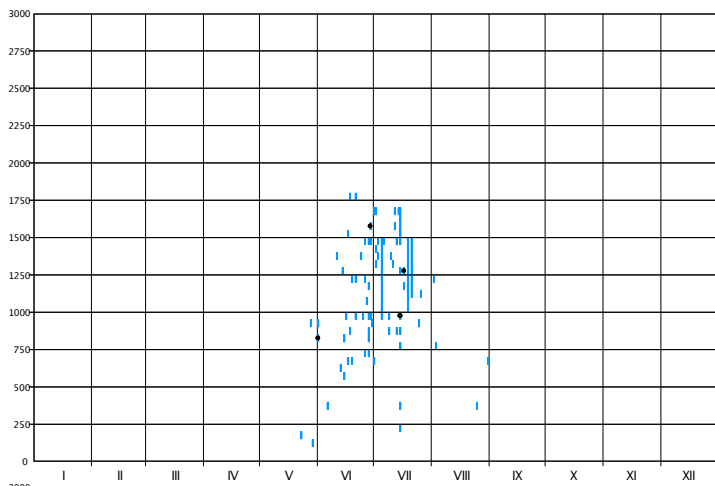


<http://www.pamperis.gr/PHOTOGRAPHS/Pyrgus.html>

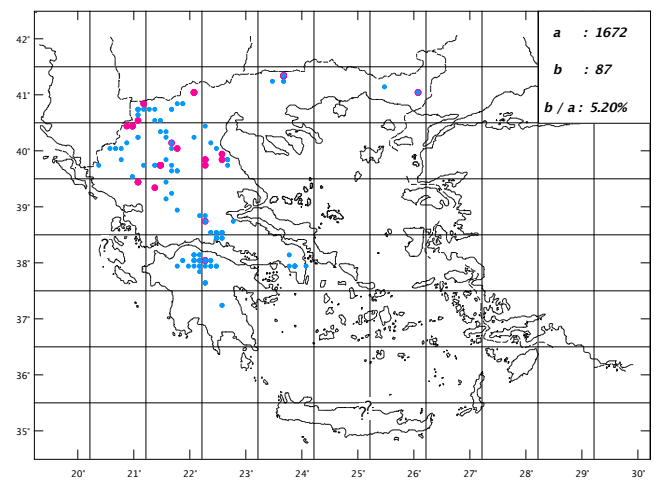
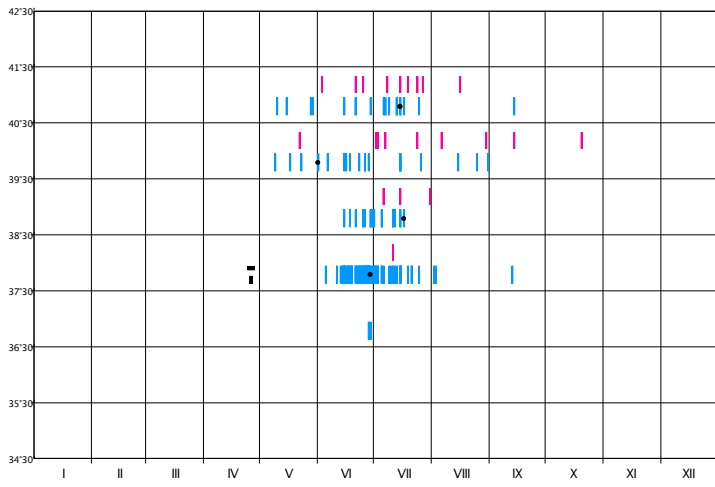


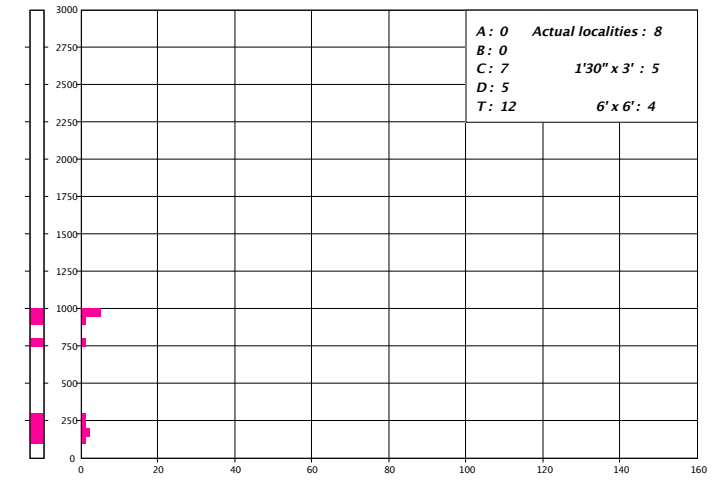
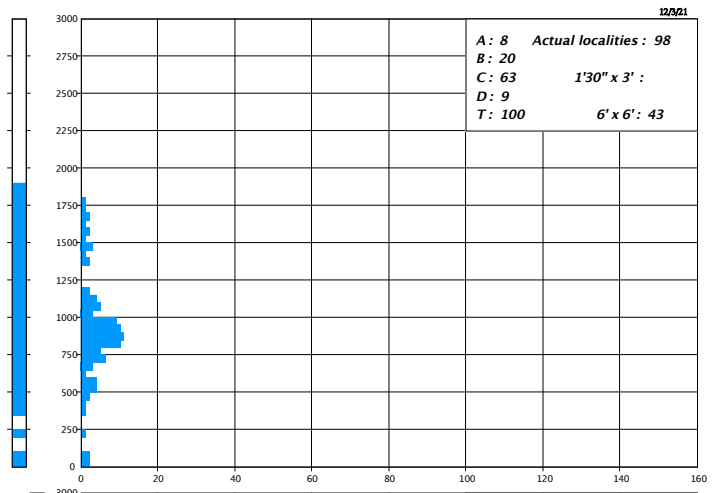
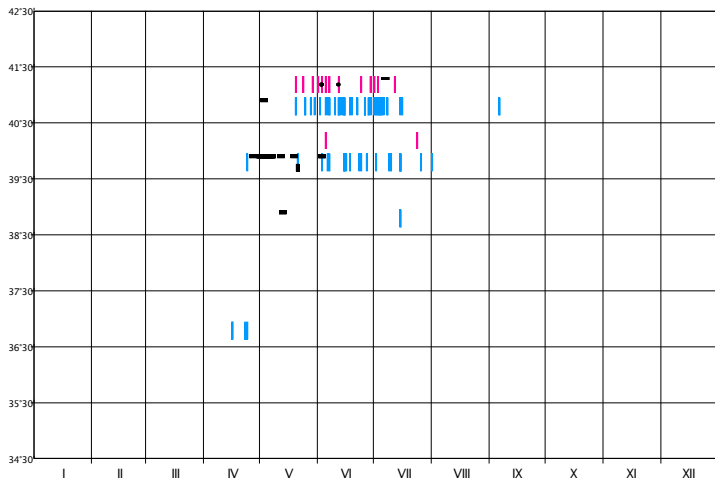
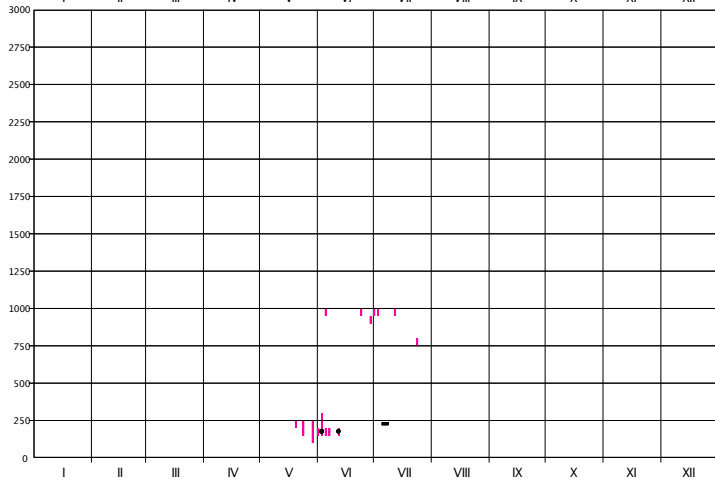
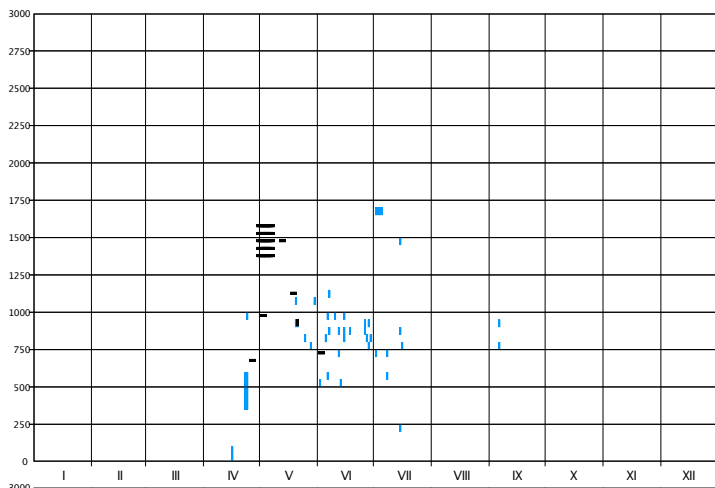
**HESPERIIDAE *Spialia orbifer***



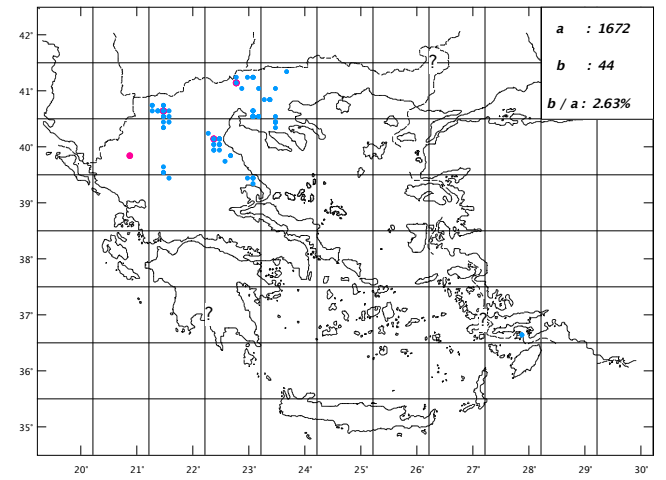


**HESPERIIDAE *Spialia phlomidis***

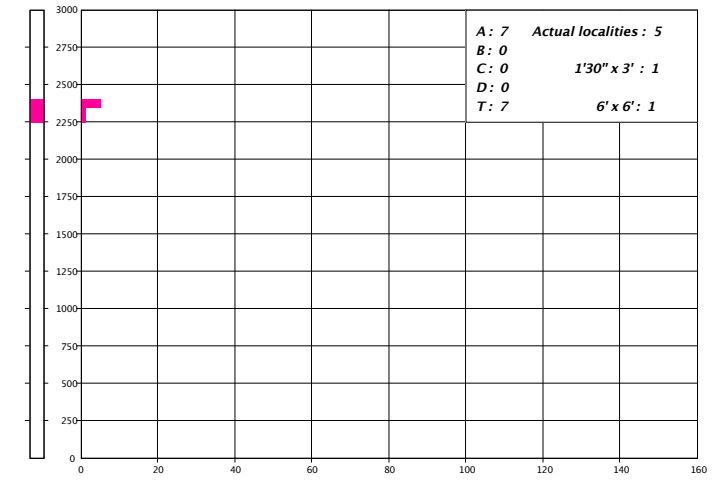
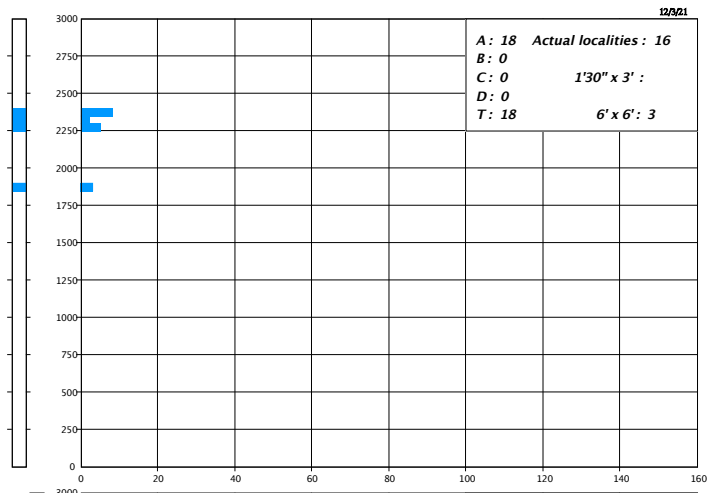
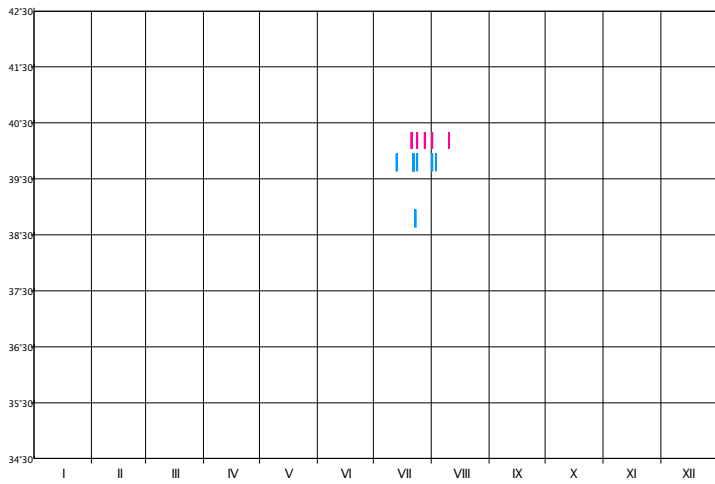
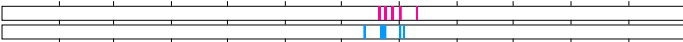
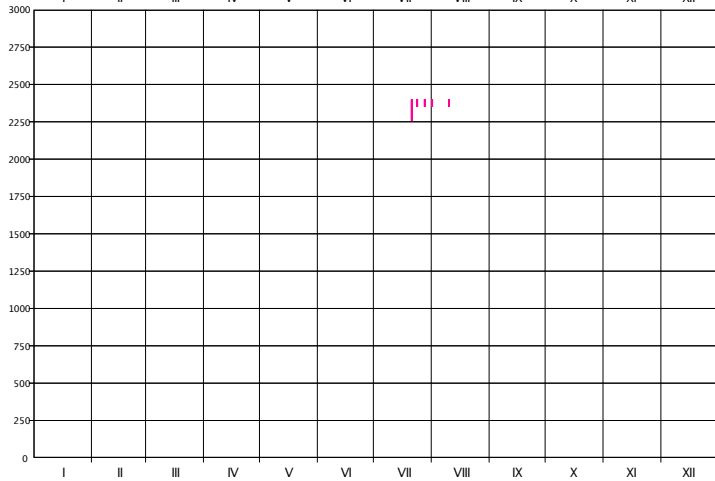
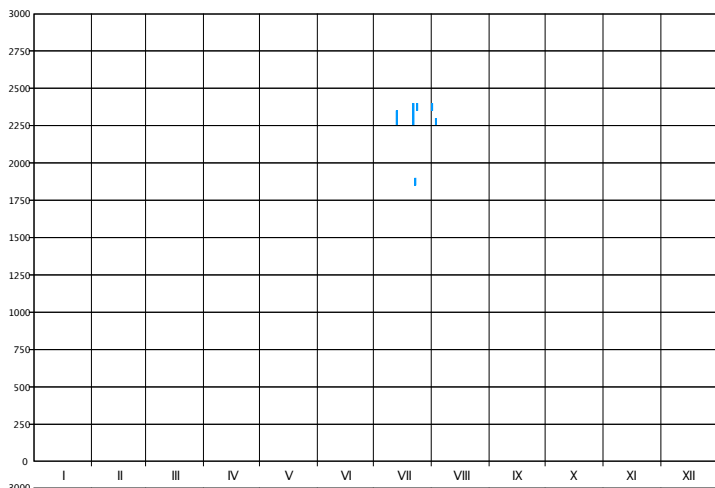




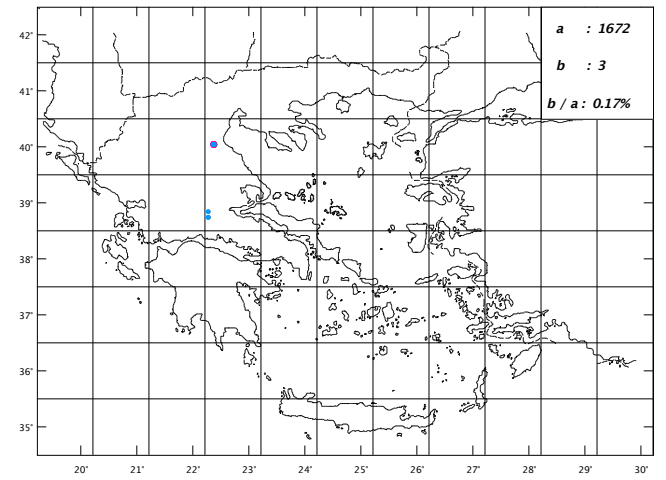
**HESPERIIDAE *Muschampia tessellum***



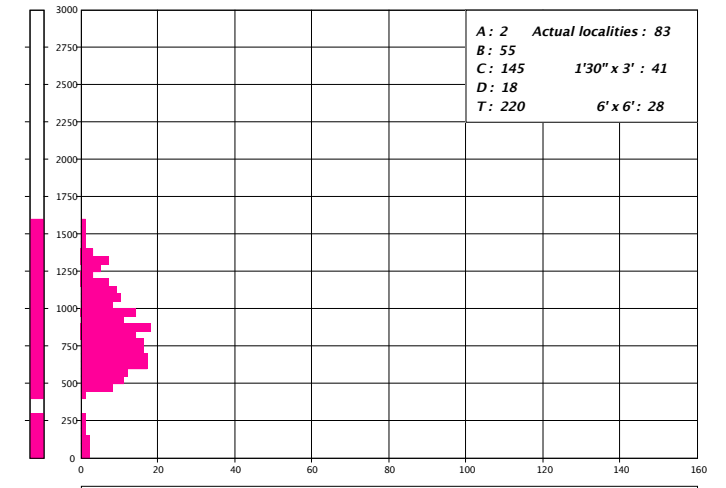
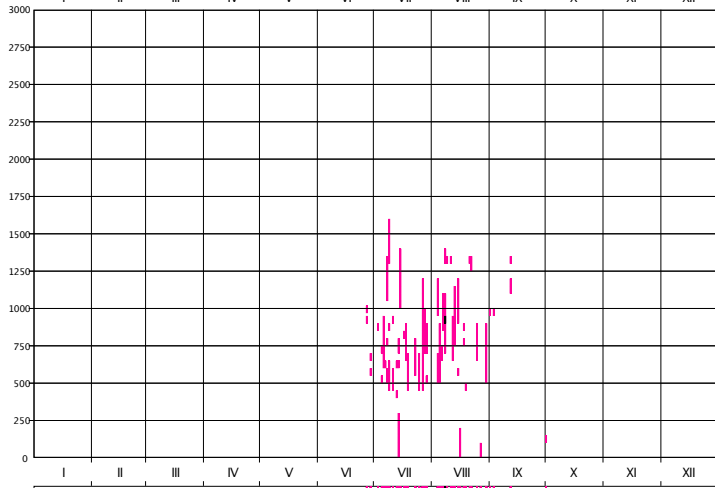
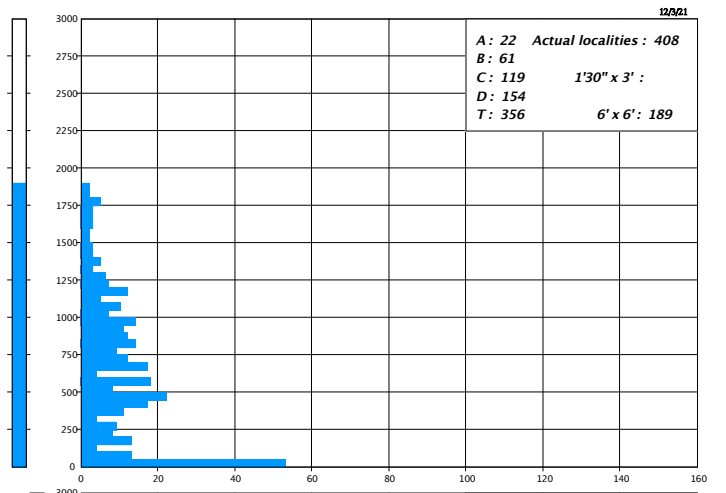
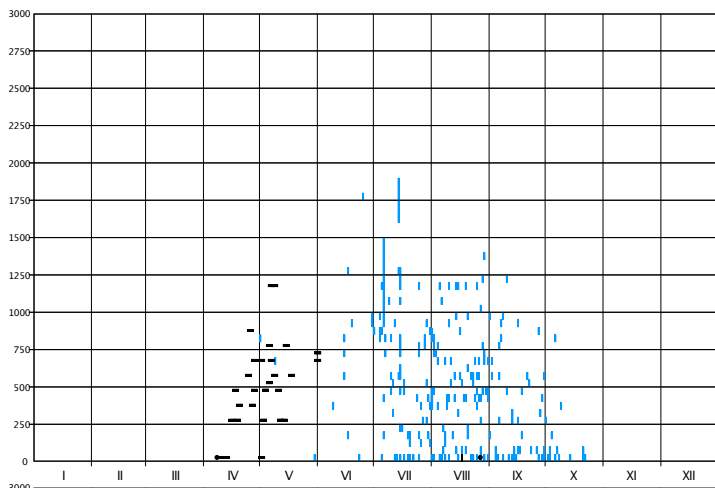
<https://www.pamperis.gr/PHOTOGRAPHS/Muschampia.html>



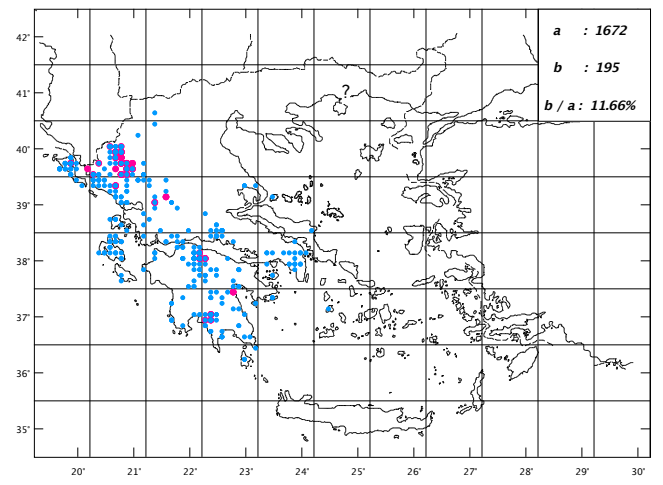
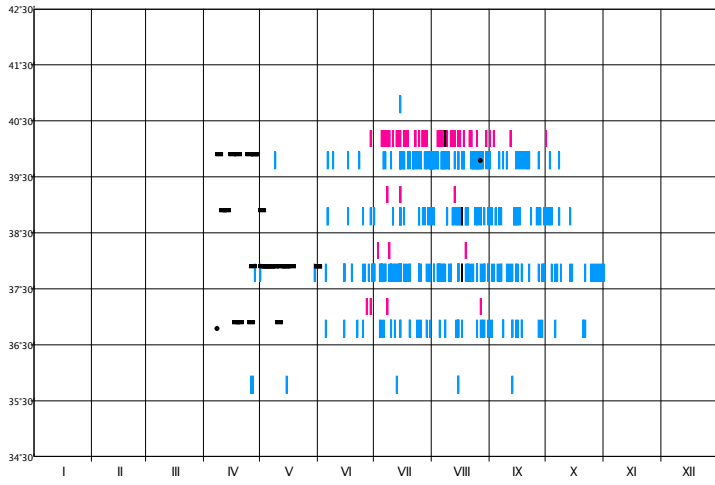
**HESPERIIDAE *Muschampia cribellum***



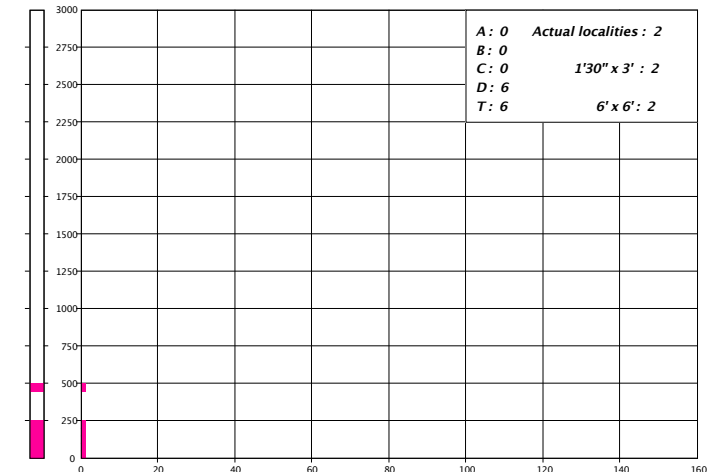
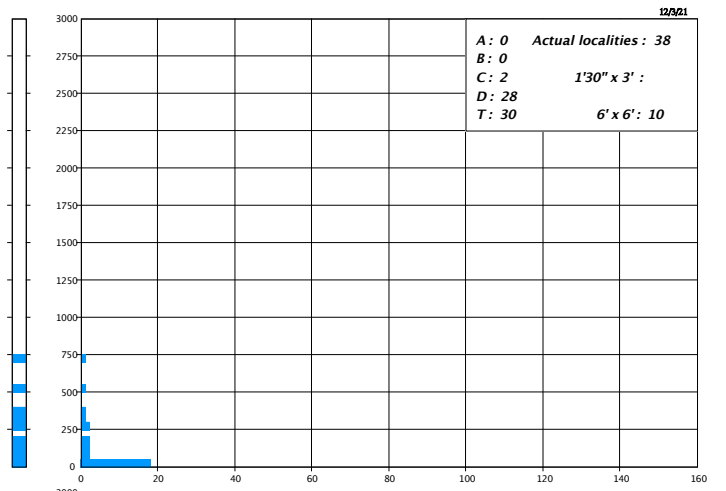
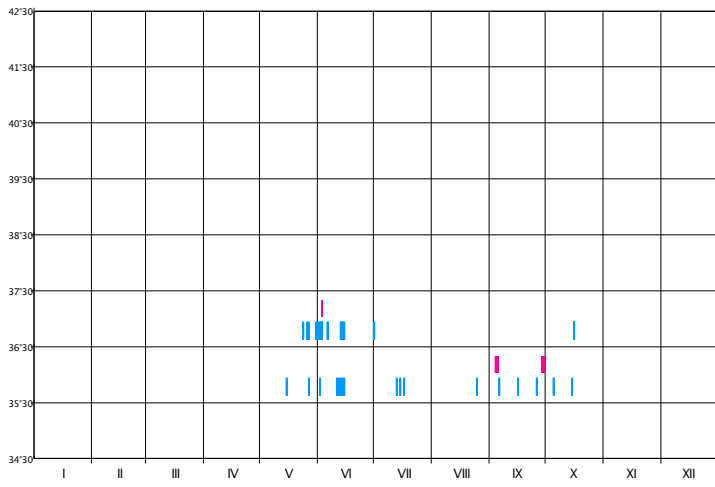
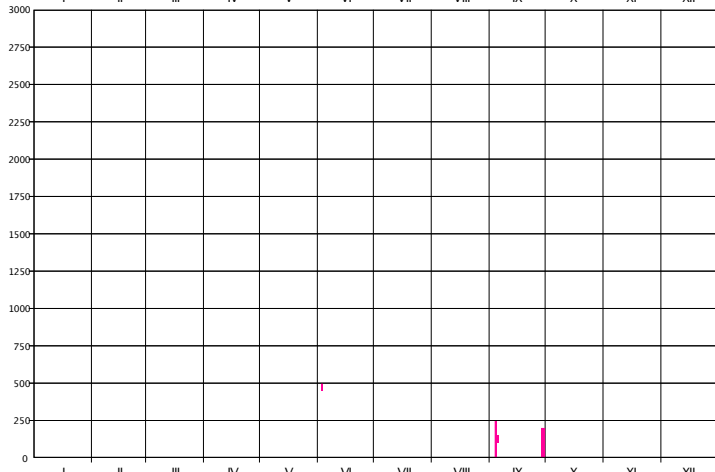
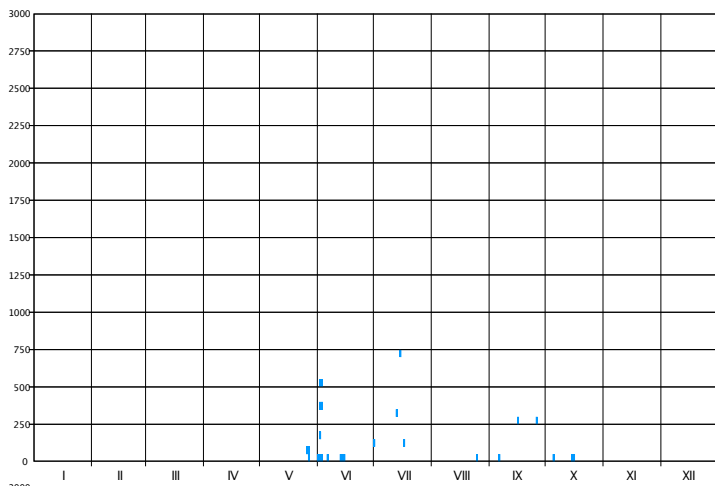
<https://www.pamperis.gr/PHOTOGRAPHS/Muschampia.html>



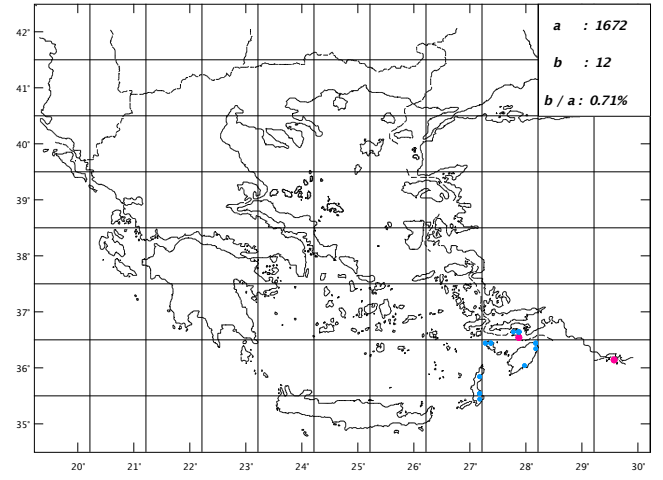
**HESPERIIDAE *Muschampia alta***



<http://www.pamperis.gr/PHOTOGRAPHS/Muschampia.html>

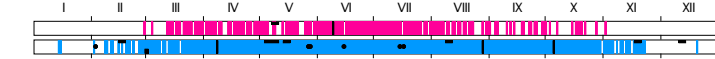
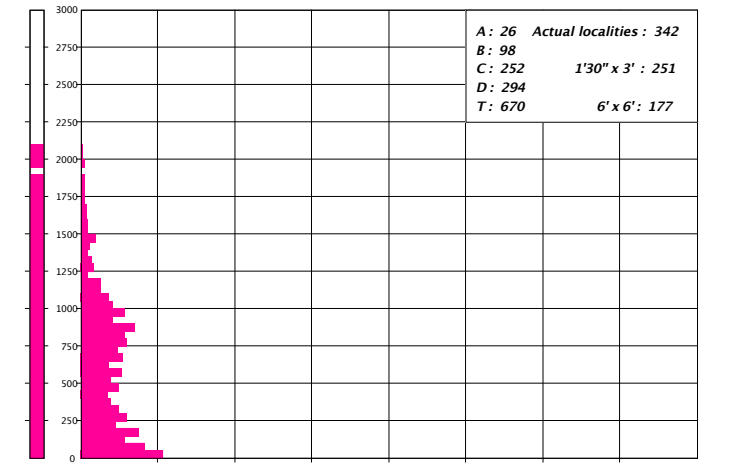
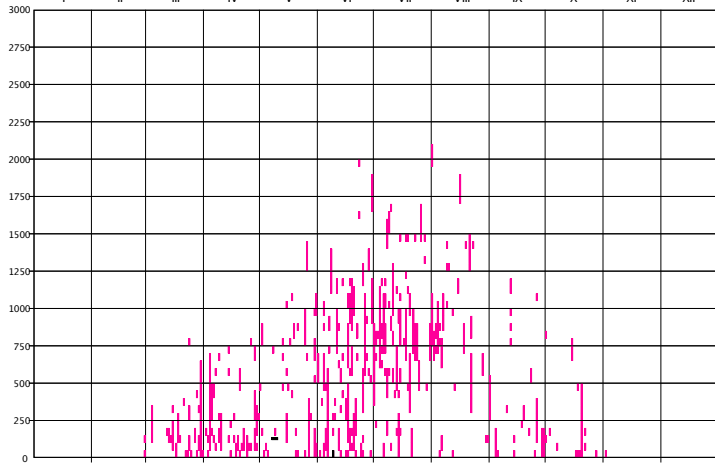
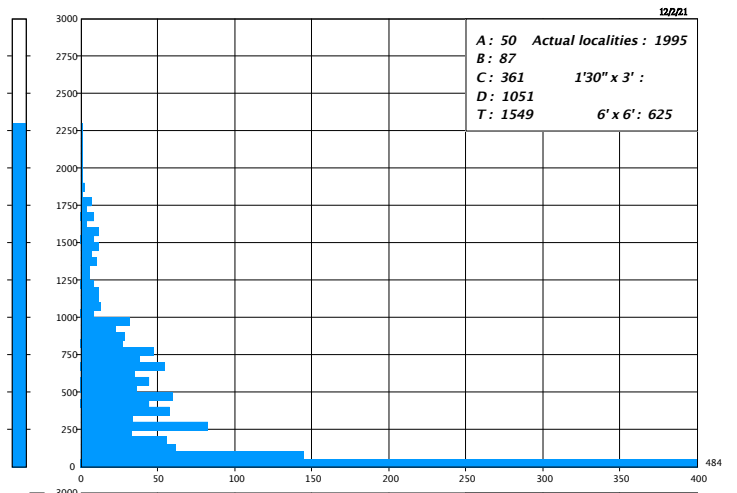
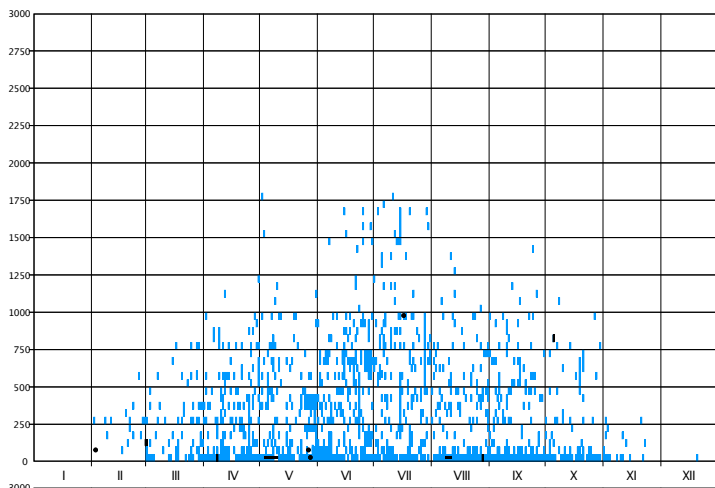


**HESPERIIDAE *Muschampia proteides***

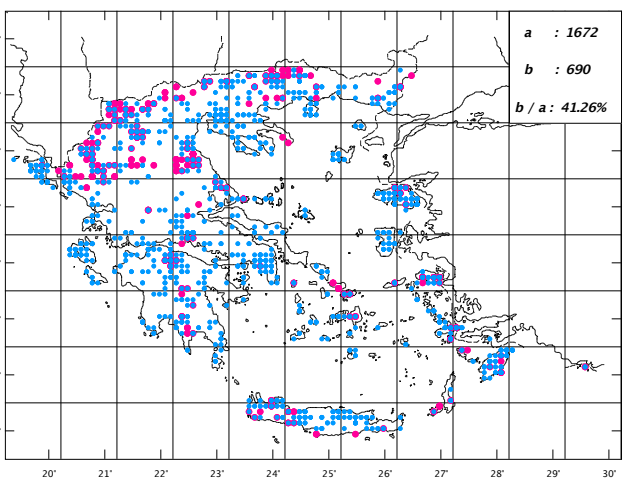
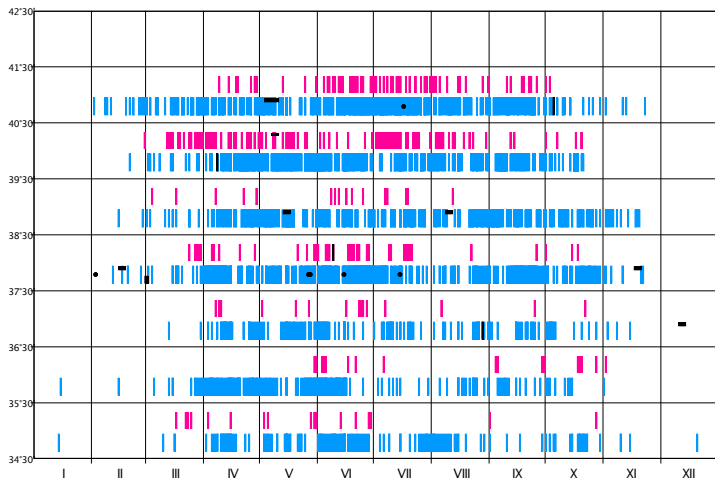


<http://www.pamperis.gr/PHOTOGRAPHS/Muschampia.html>

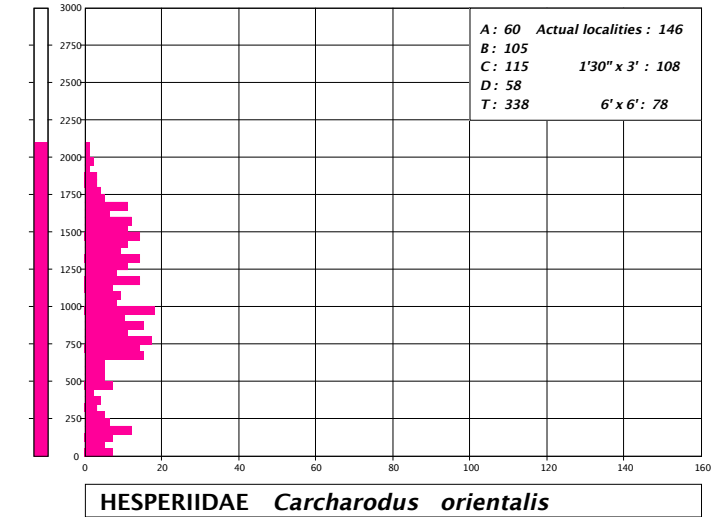
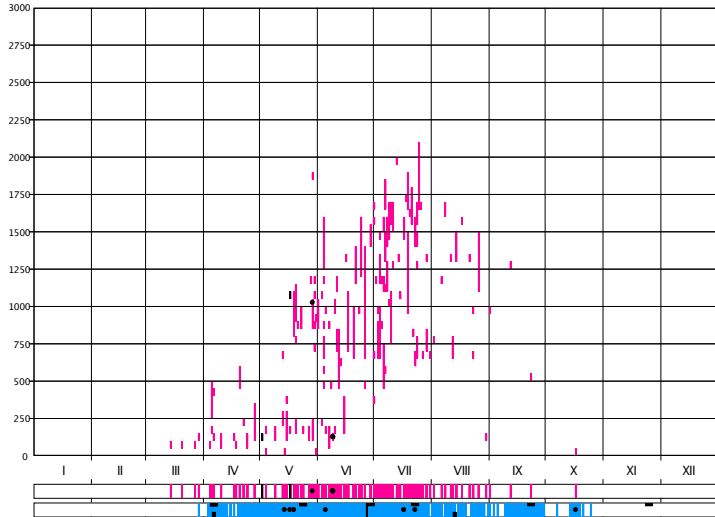
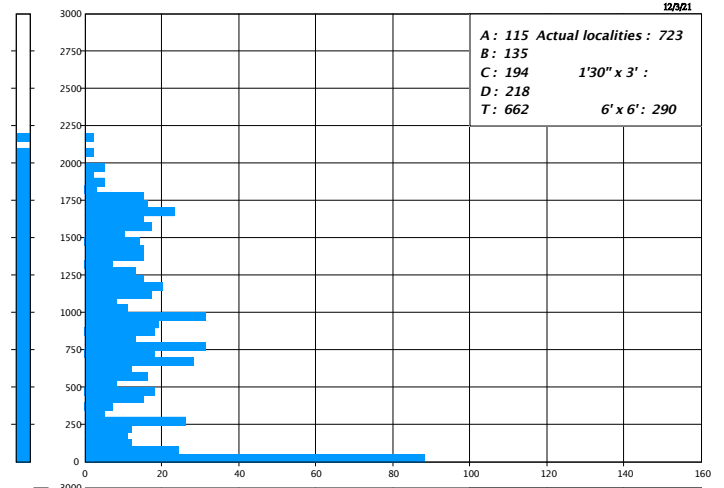
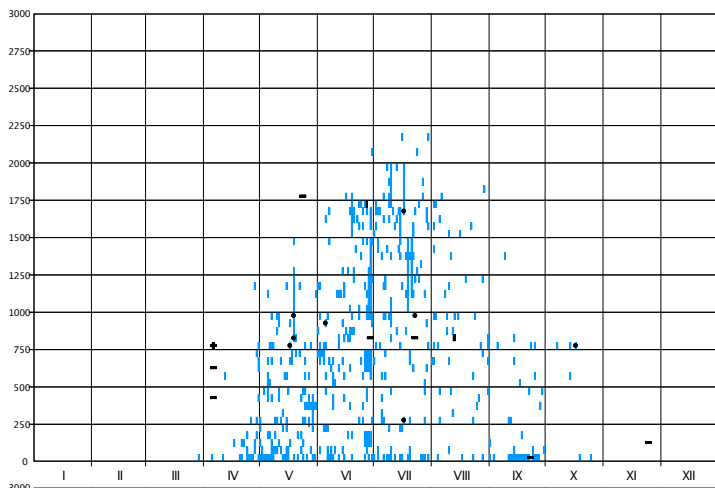




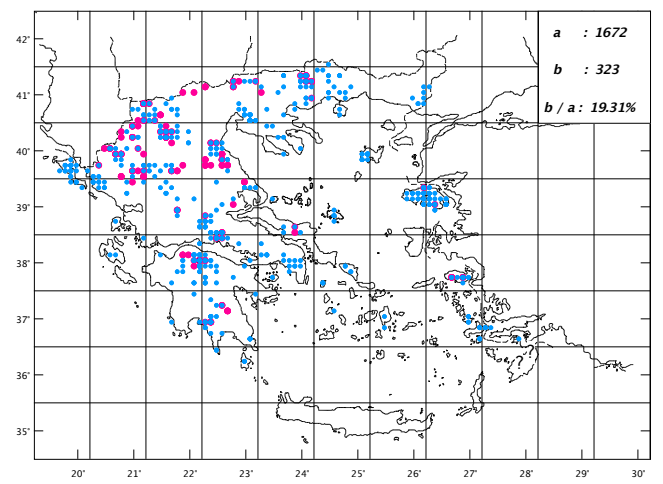
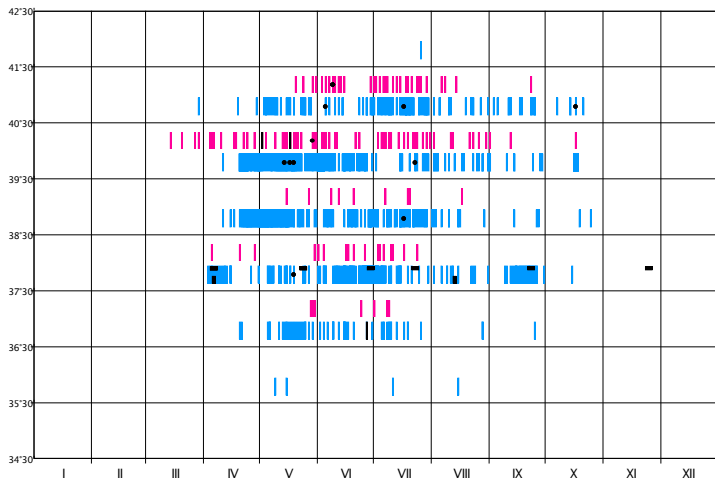
**HESPERIIDAE *Carcharodus alcea***



<http://www.pamperis.gr/PHOTOGRAPHS/Carcharodus.html>

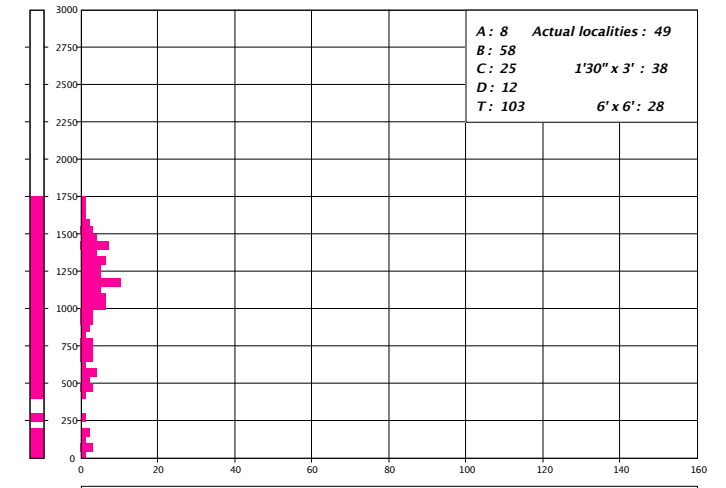
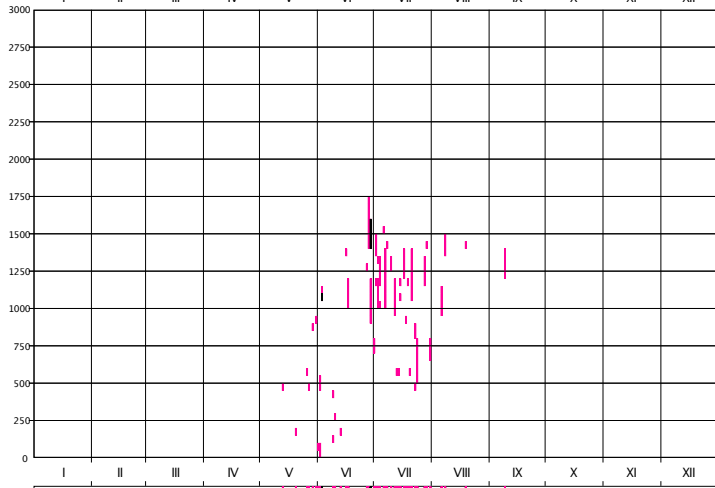
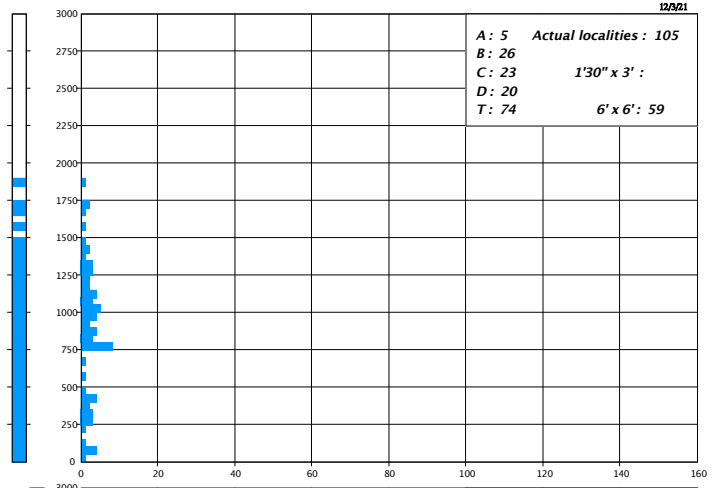
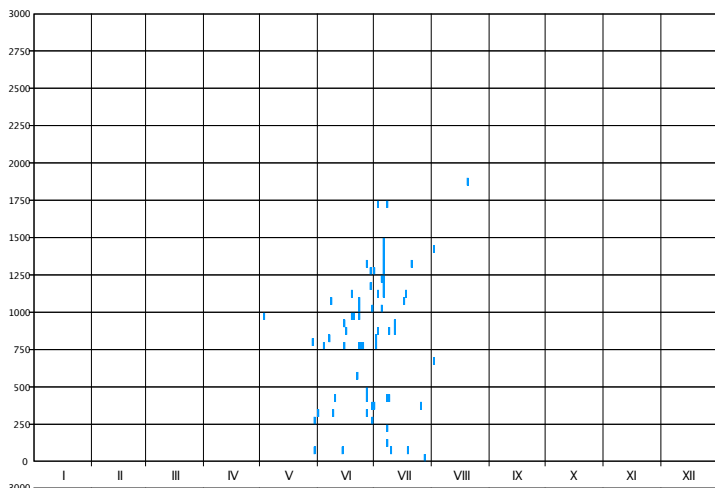


**HESPERIIDAE *Carcharodus orientalis***

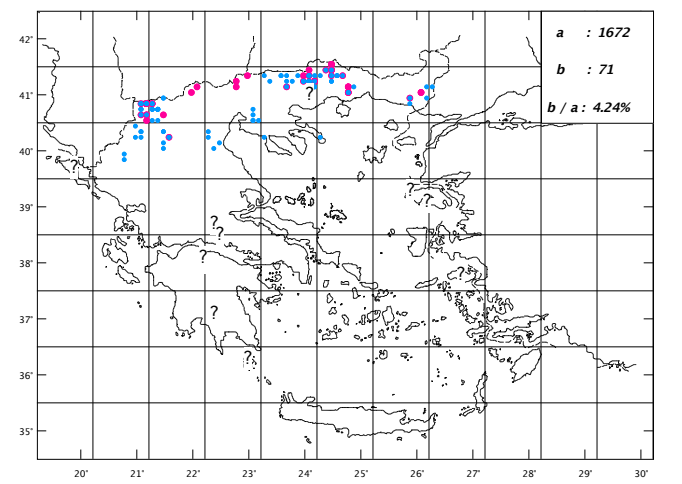
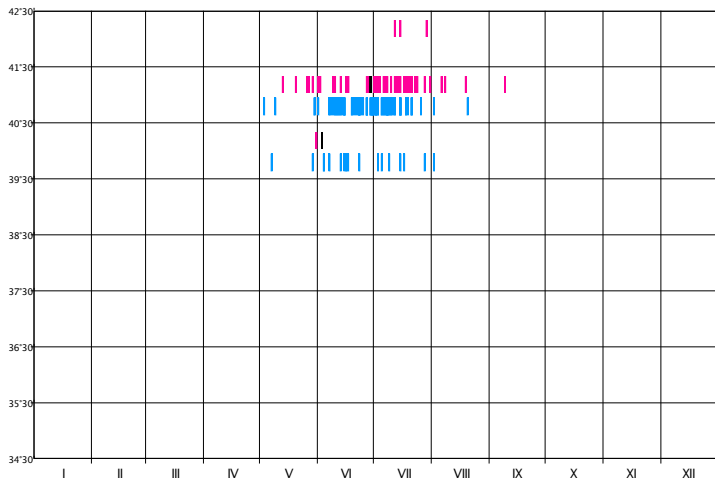


**Αμφίβολη αναγνώριση / Identification Uncertain**

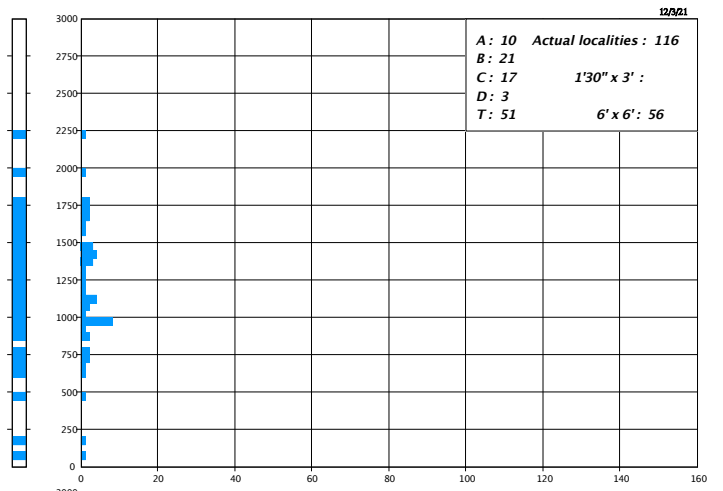
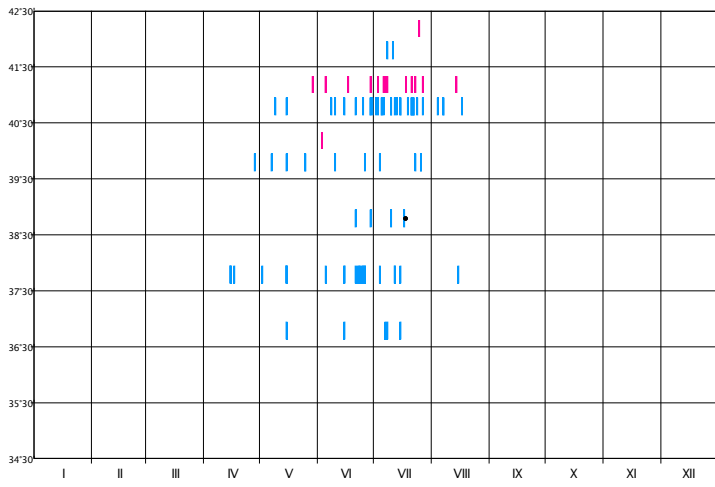
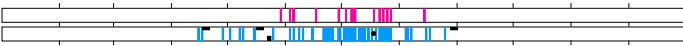
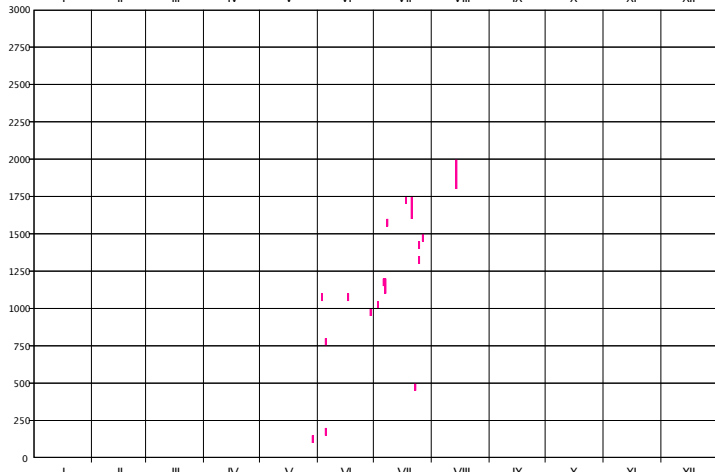
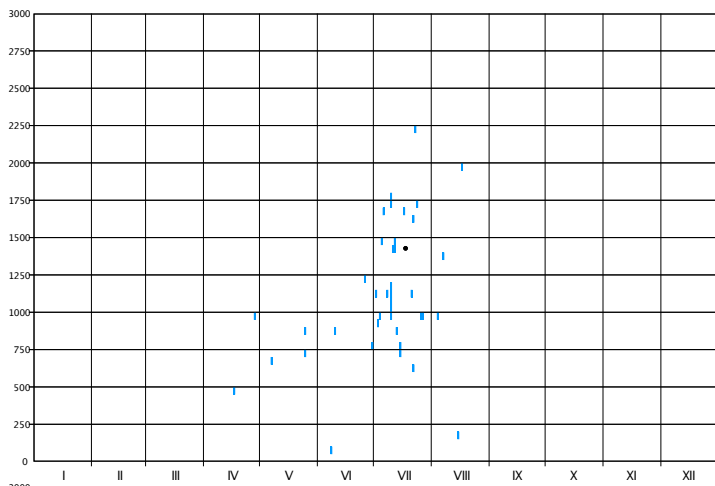
<http://www.pamperis.gr/PHOTOGRAPHS/Carcharodus.html>



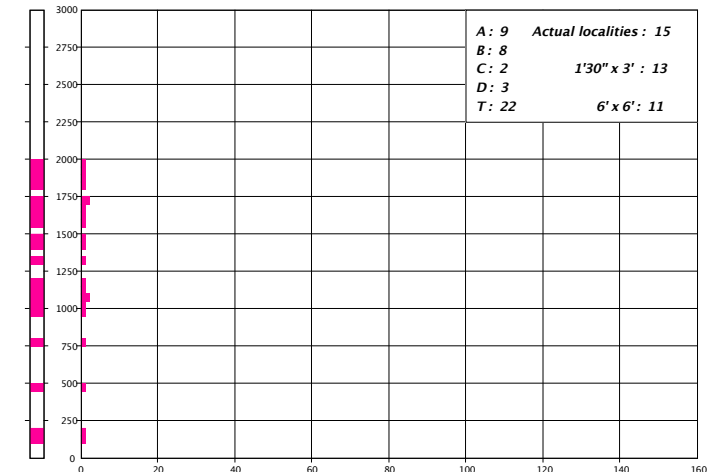
**HESPERIIDAE *Carcharodus lavatherae***



<http://www.pamperis.gr/PHOTOGRAPHS/Carcharodus.html>

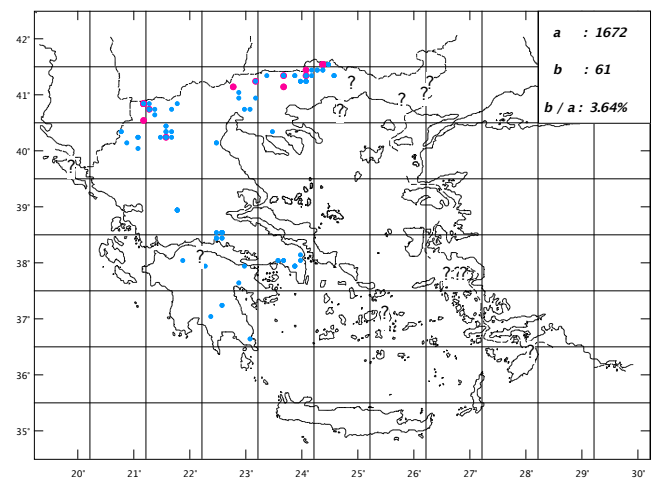


12/2/21  
**A : 10 Actual localities : 116**  
**B : 21**  
**C : 17 1'30" x 3' : 13**  
**D : 3**  
**T : 51 6' x 6' : 56**



**A : 9 Actual localities : 15**  
**B : 8**  
**C : 2 1'30" x 3' : 13**  
**D : 3**  
**T : 22 6' x 6' : 11**

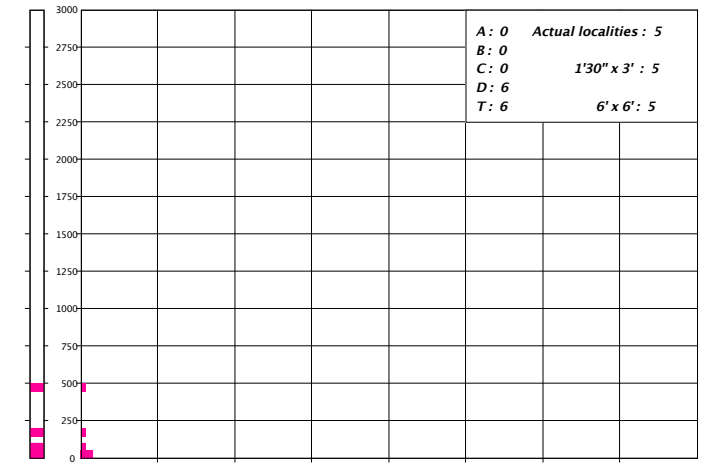
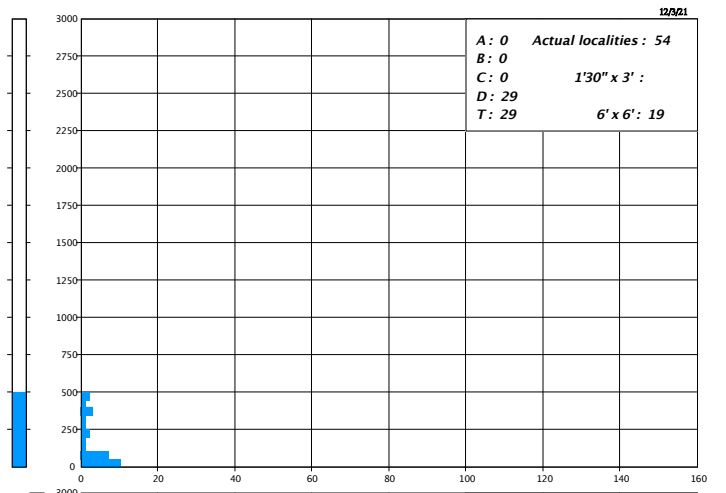
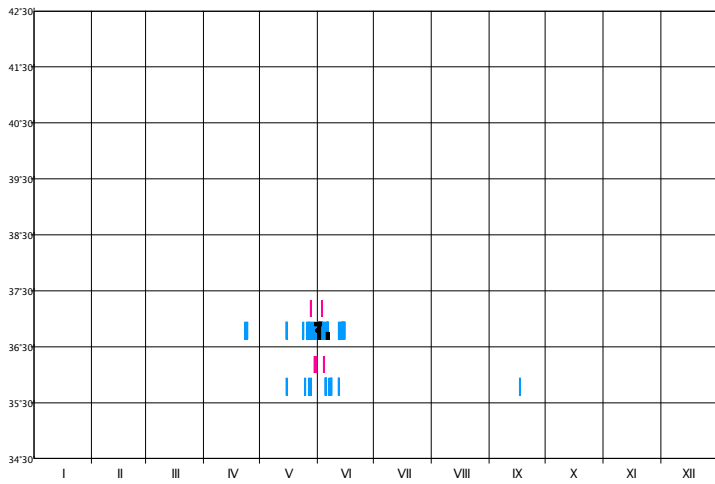
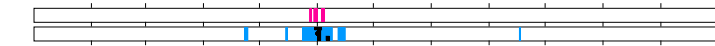
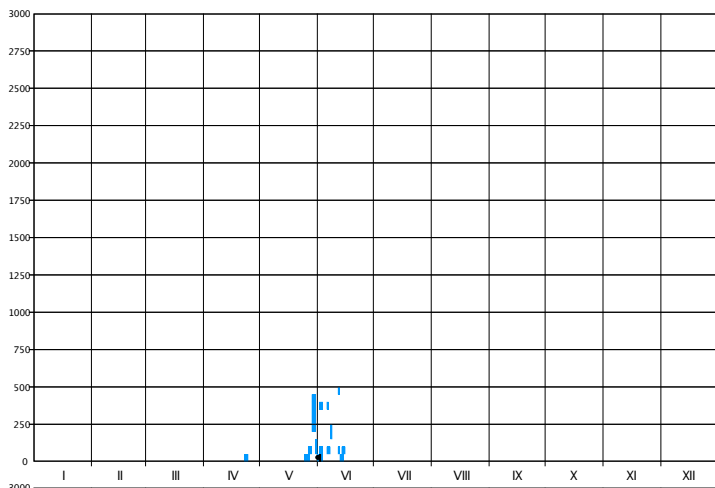
**HESPERIIDAE *Carcharodus floccifera***



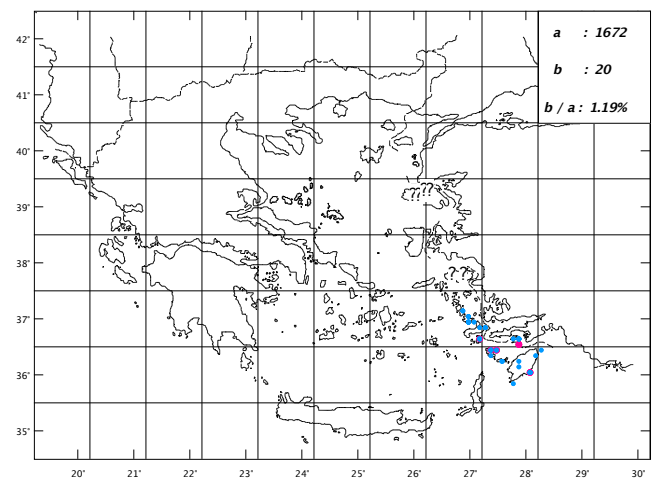
**a : 1672**  
**b : 61**  
**b / a : 3.64%**

**Αμφίβολη αναγνώριση / Identification Uncertain**

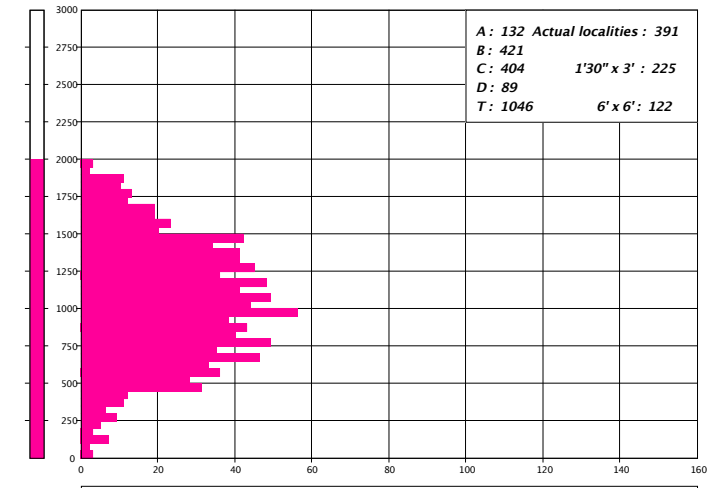
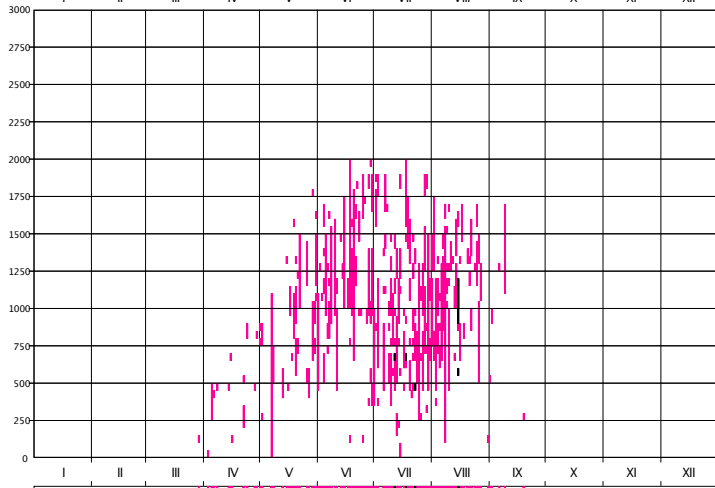
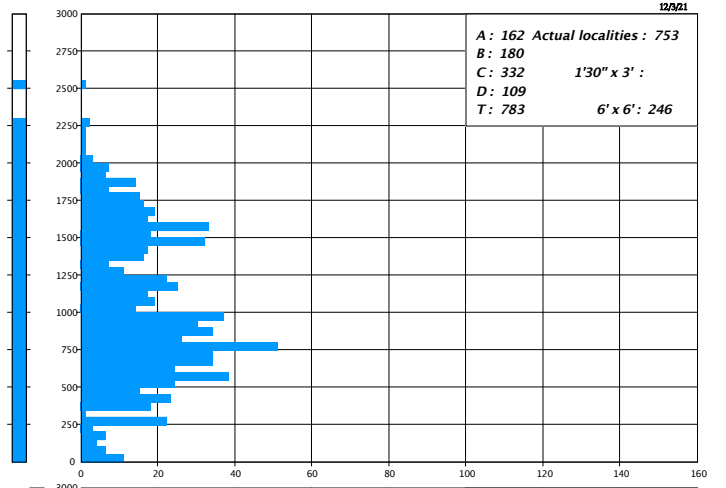
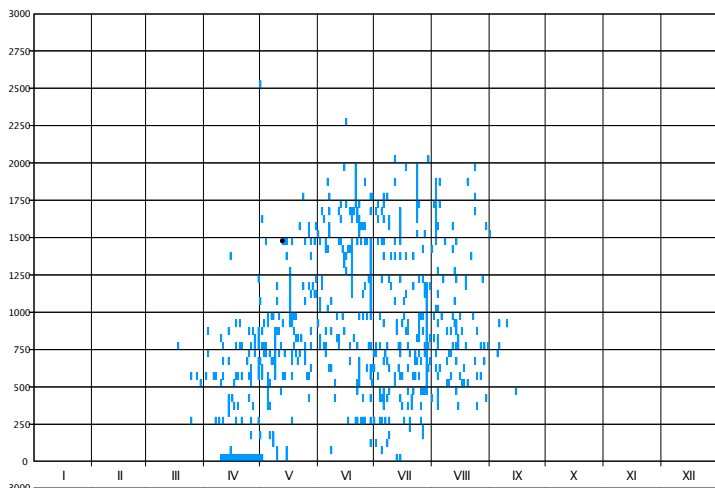
<http://www.pamperis.gr/PHOTOGRAPHS/Carcharodus.html>



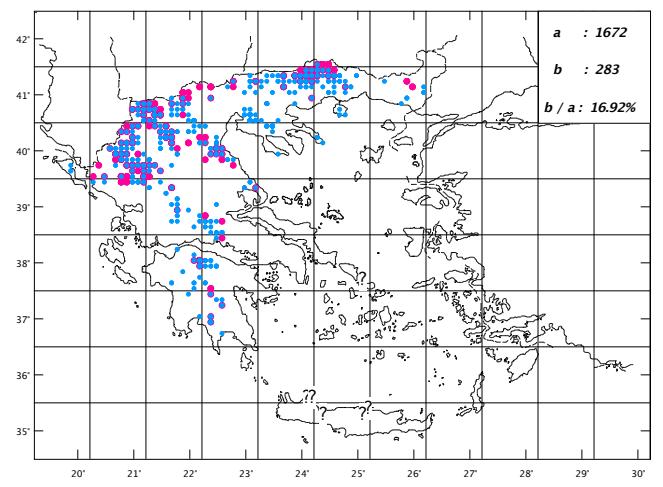
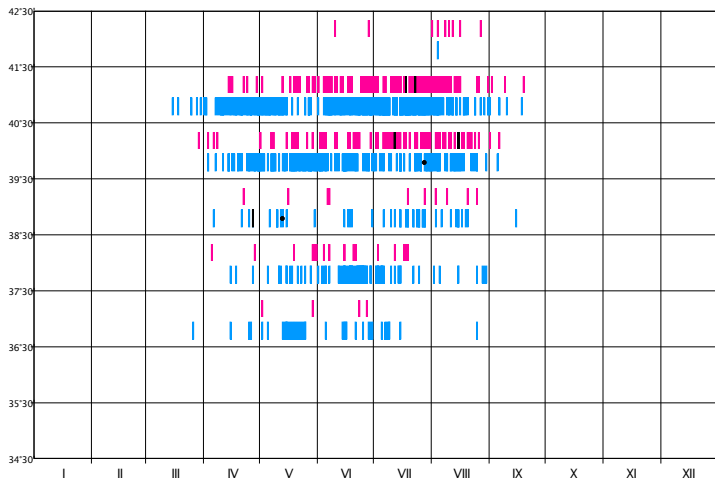
**HESPERIIDAE *Carcharodus stauderi***

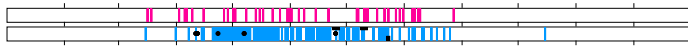
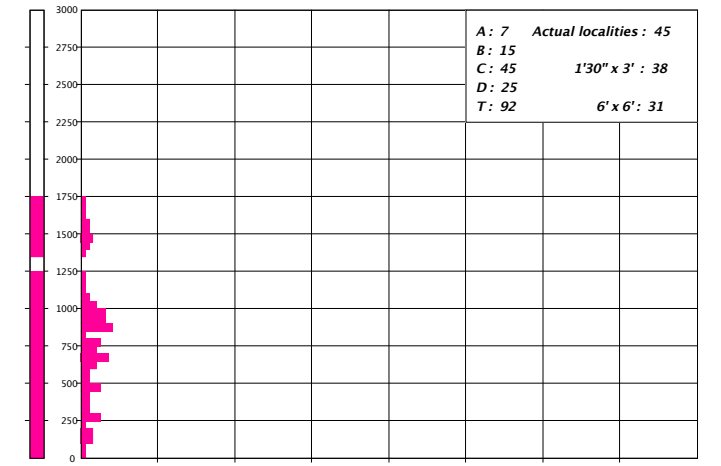
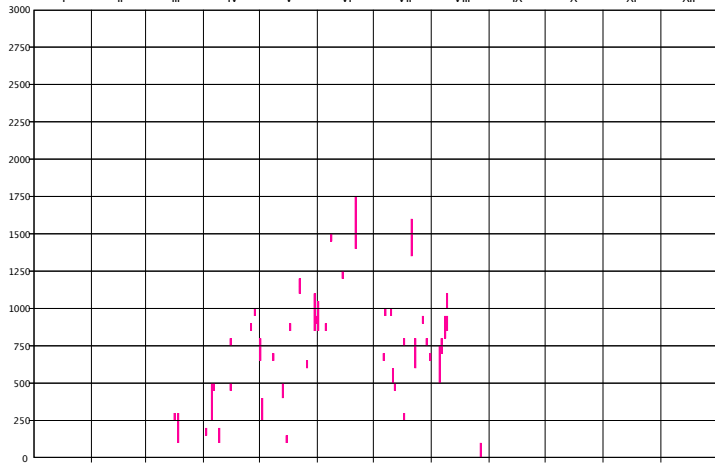
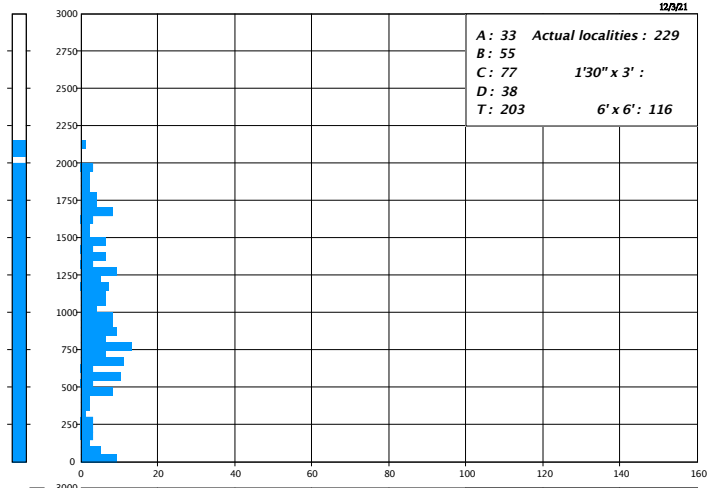
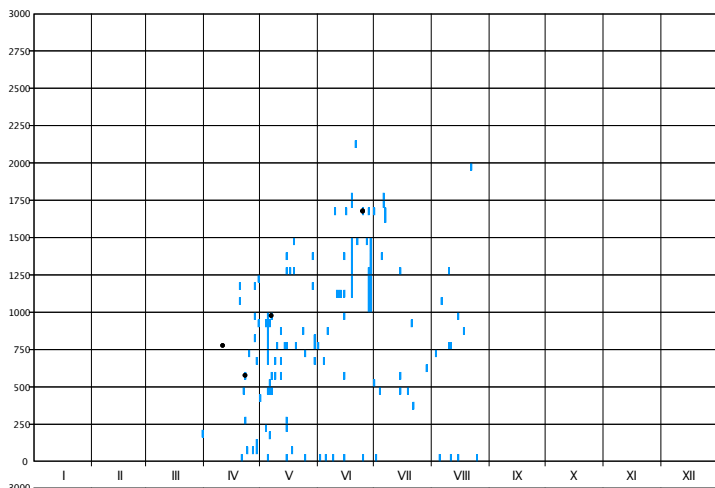


<http://www.pamperis.gr/PHOTOGRAPHS/Carcharodus.html>

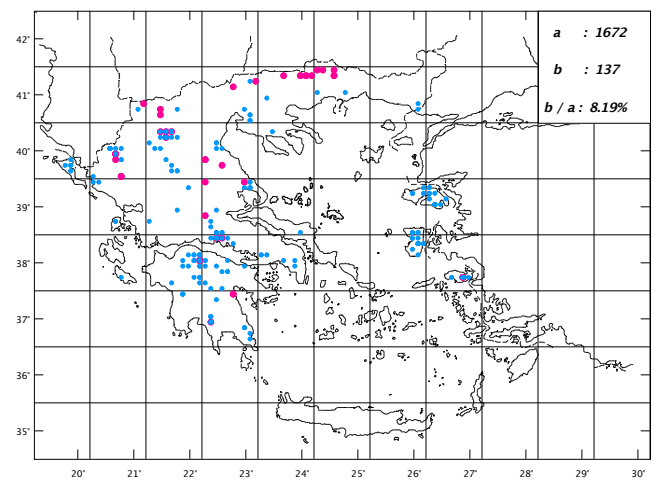
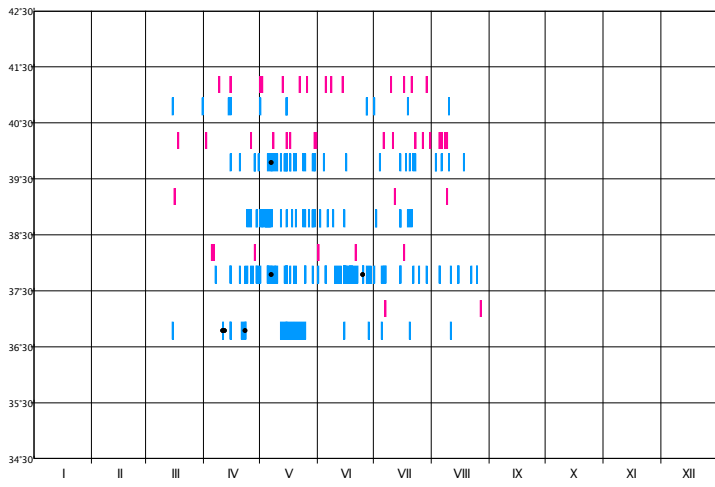


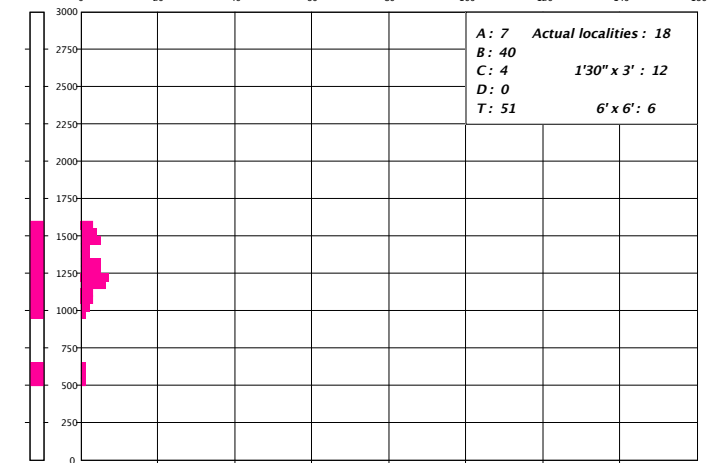
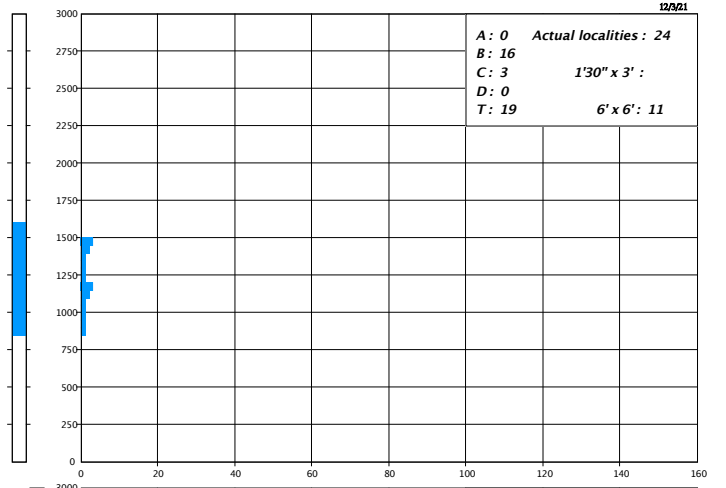
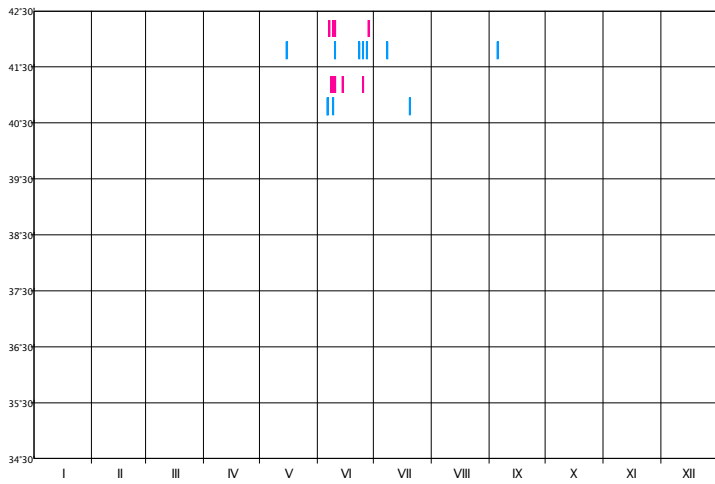
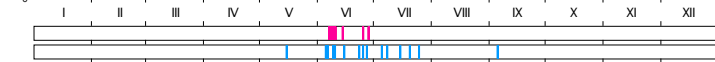
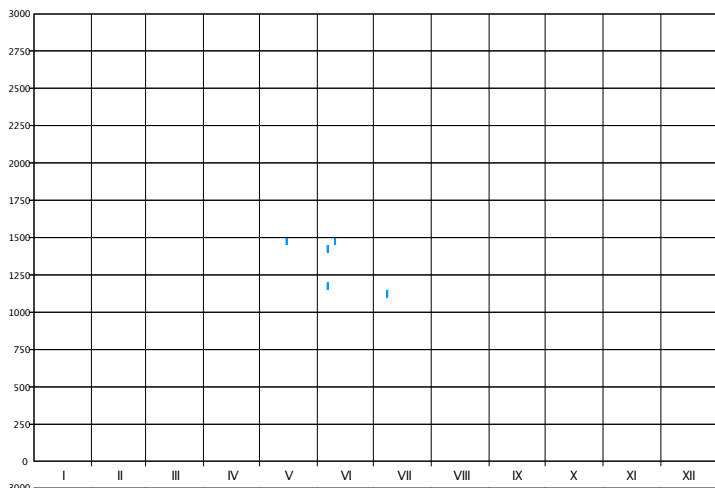
**HESPERIIDAE *Erynnis tages***



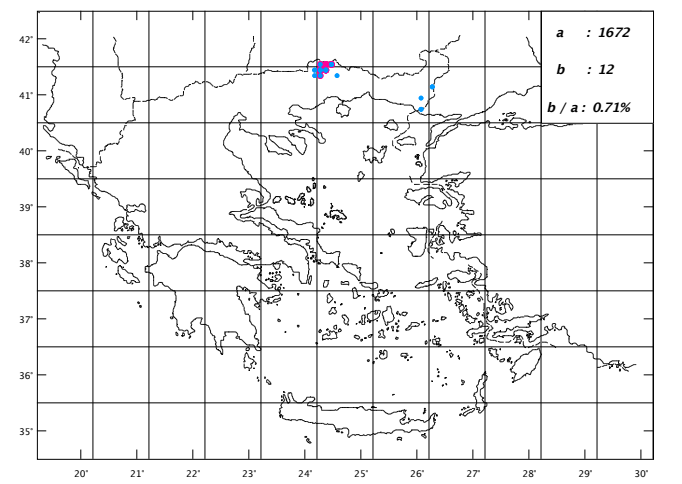


**HESPERIIDAE *Erynnis marloyi***

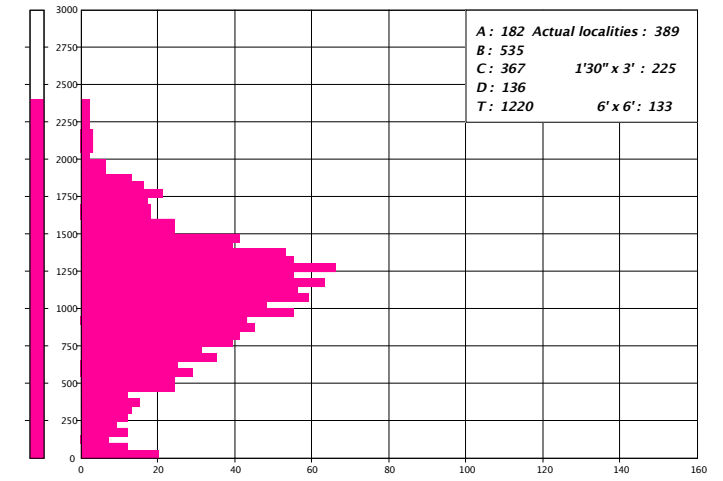
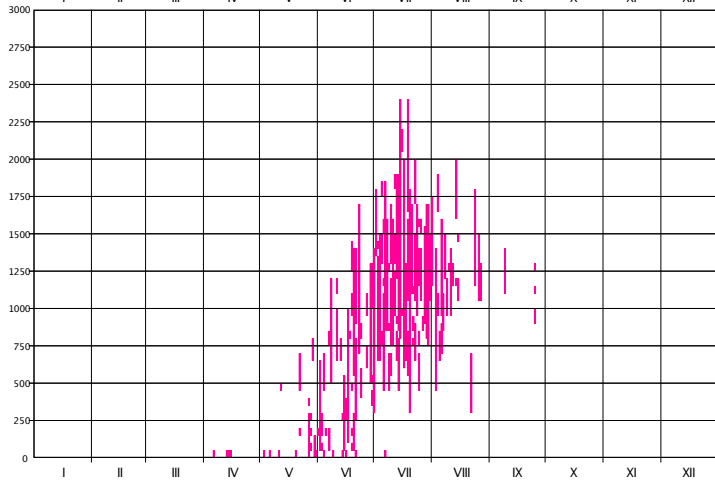
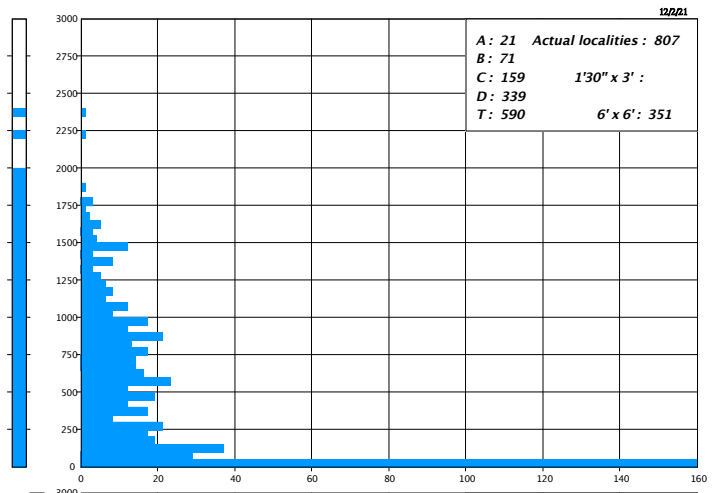
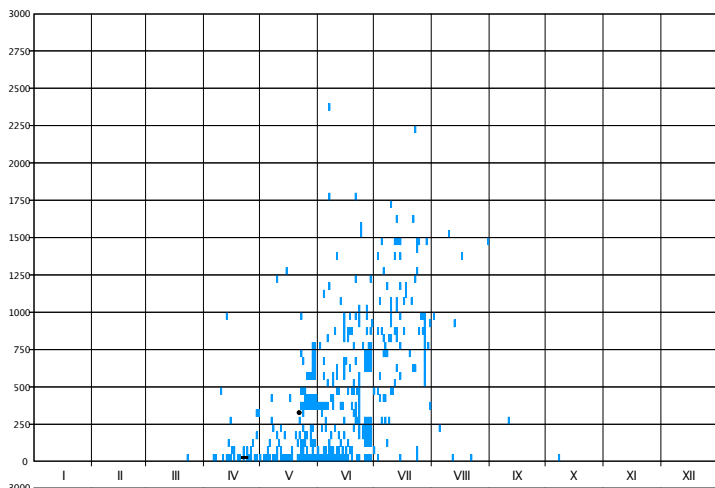




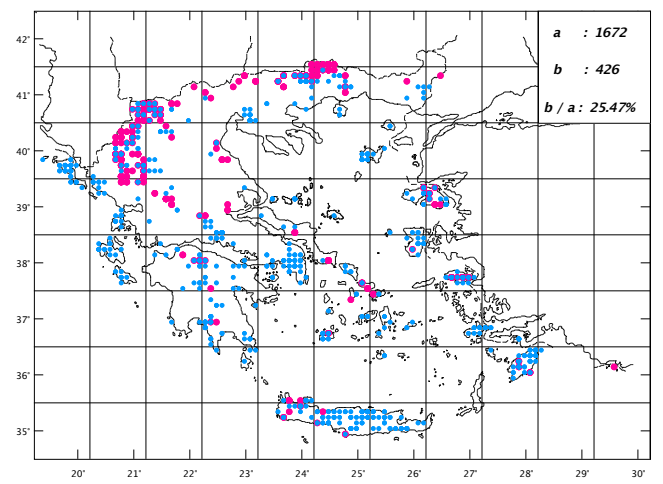
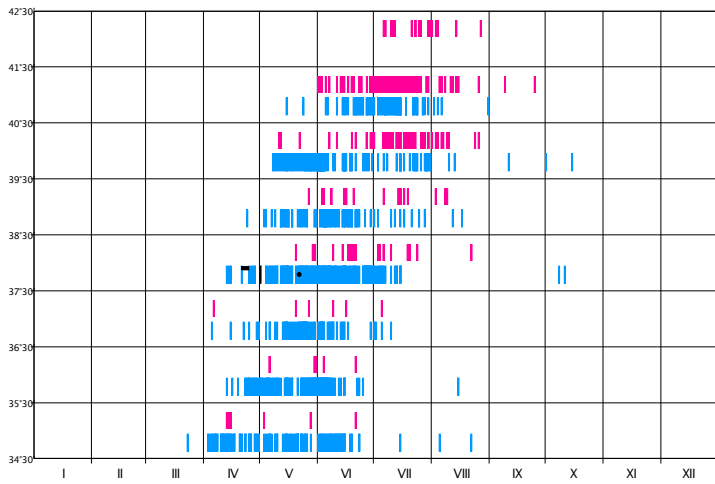
**HESPERIIDAE *Carterocephalus palaemon***



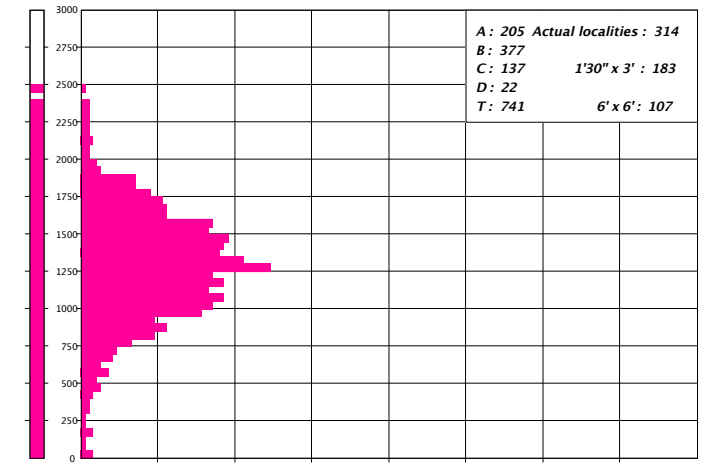
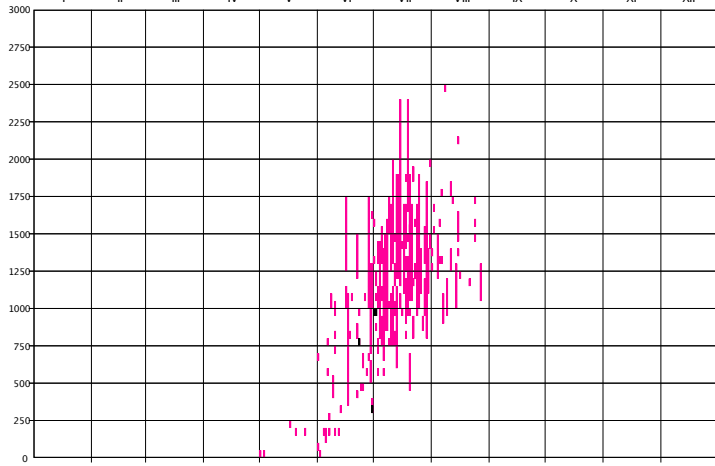
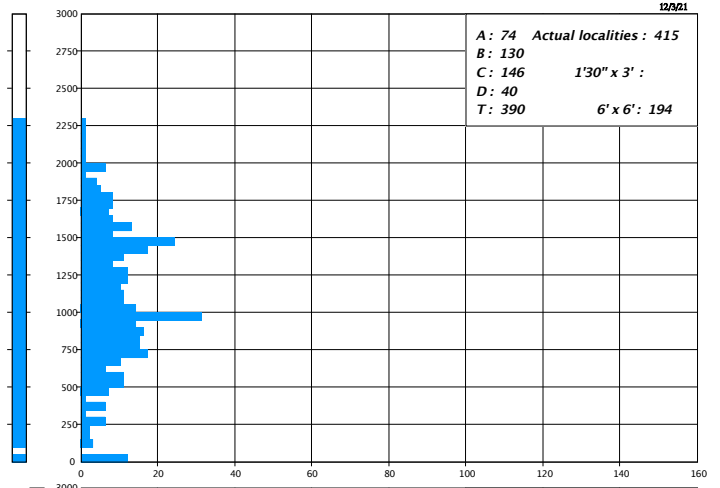
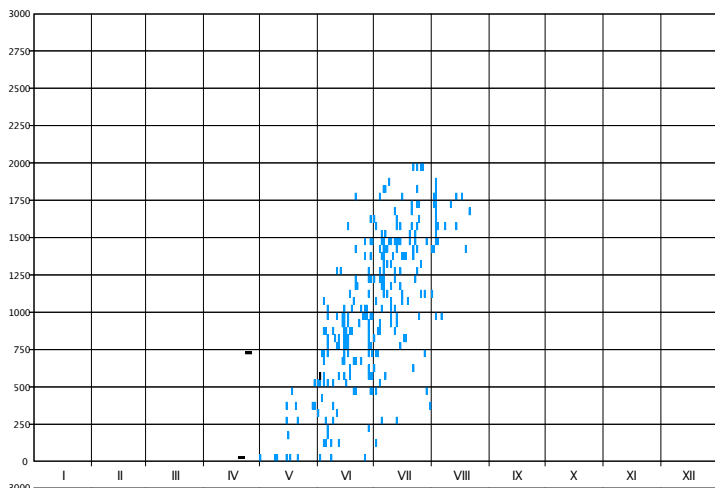




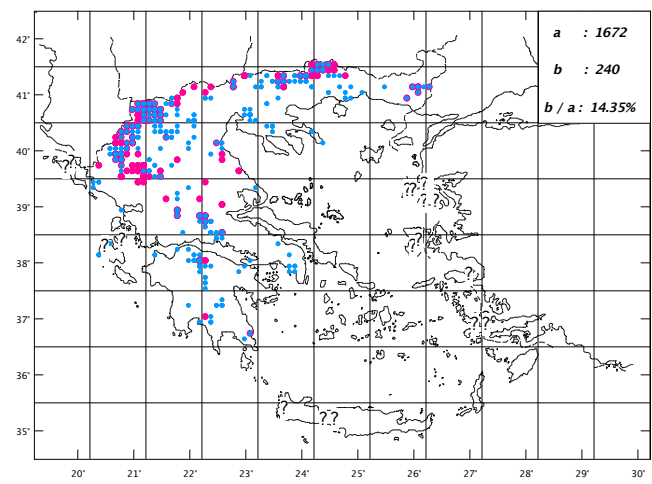
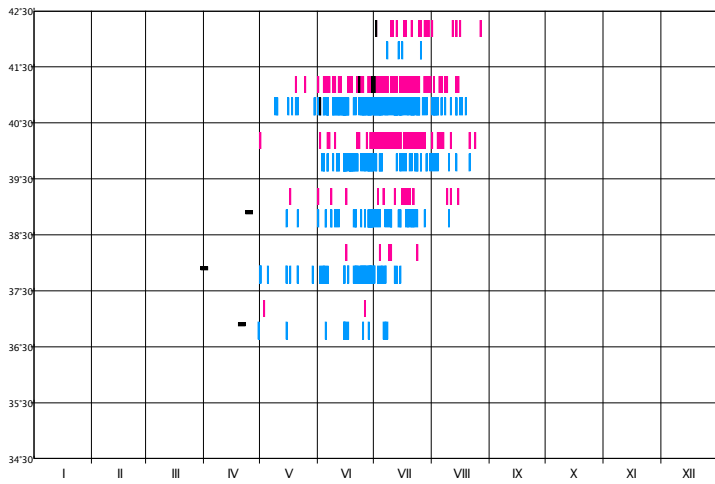
**HESPERIIDAE** *Thymelicus acteon*



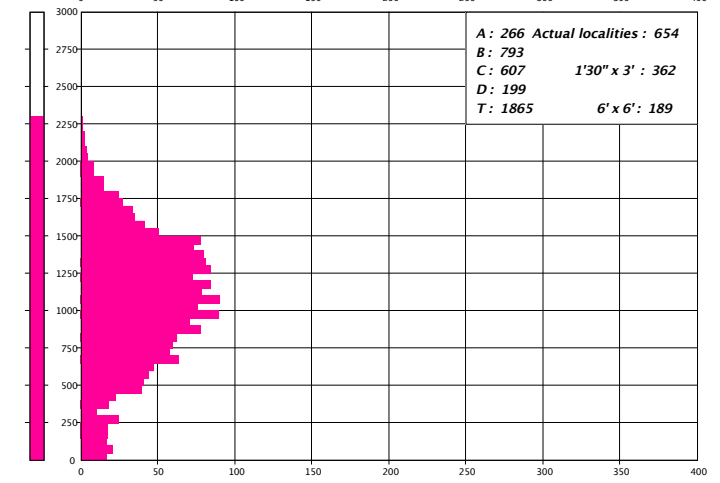
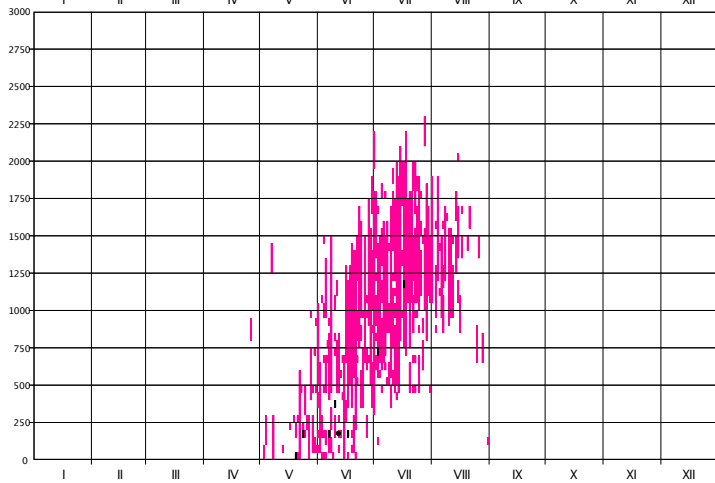
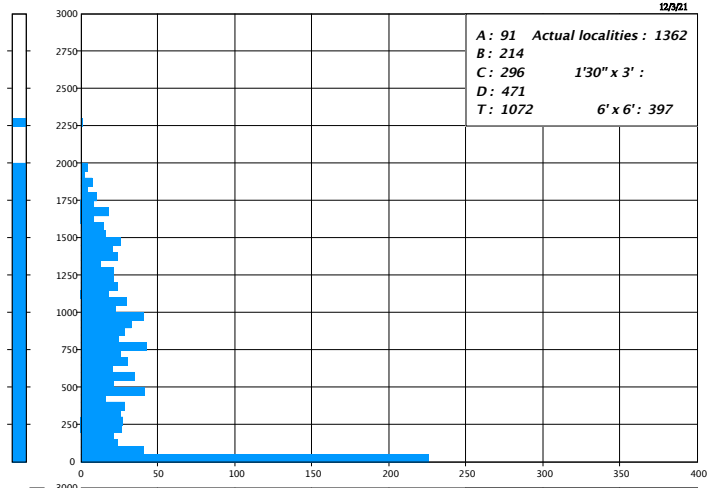
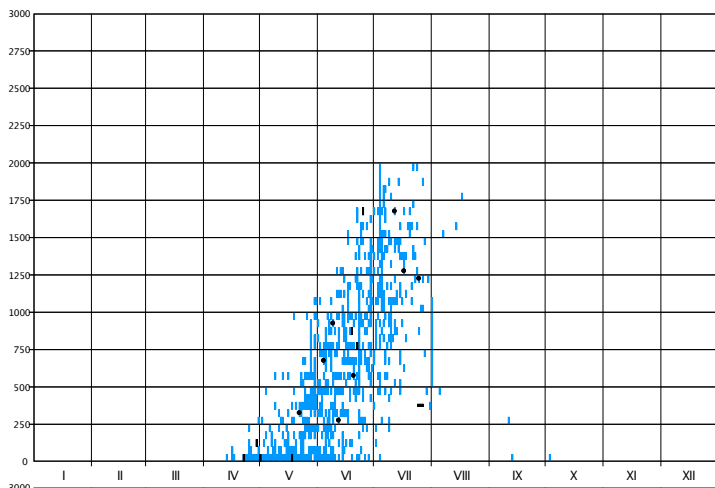
<http://www.pamperis.gr/PHOTOGRAPHS/Thymelicus.html>



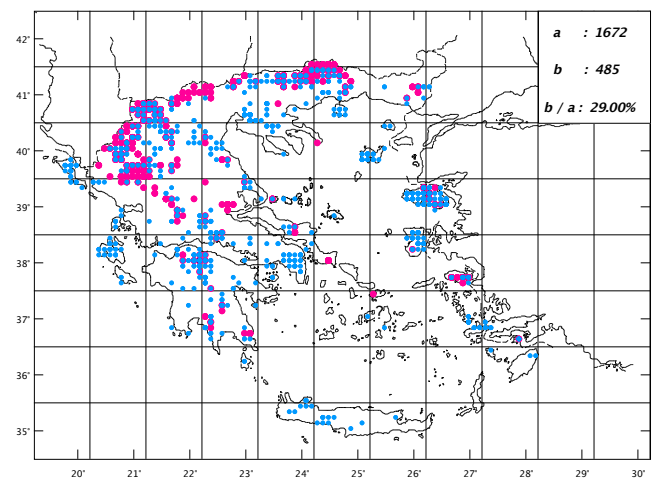
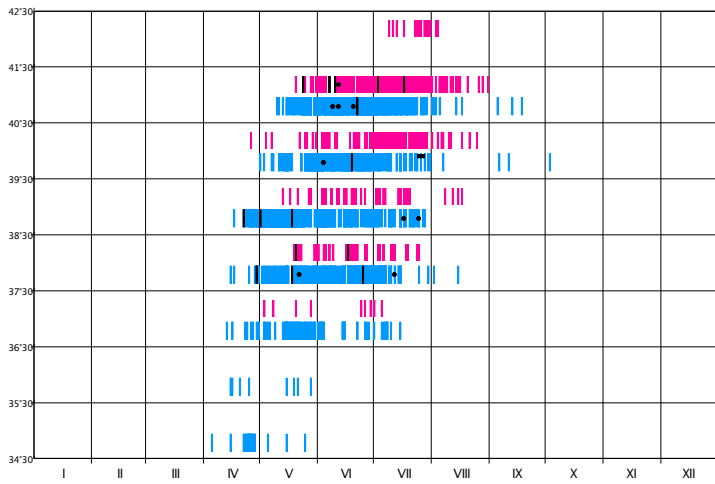
**HESPERIIDAE** *Thymelicus lineola*



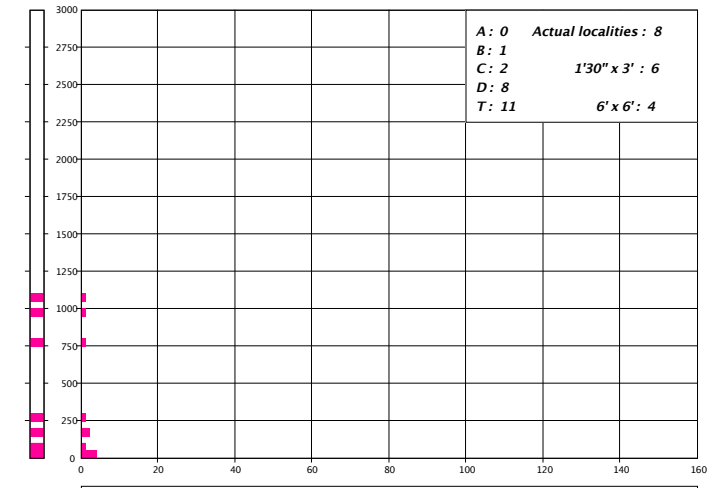
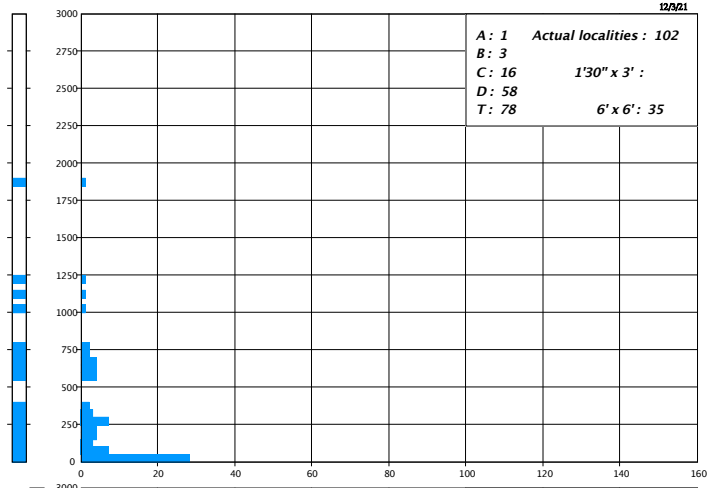
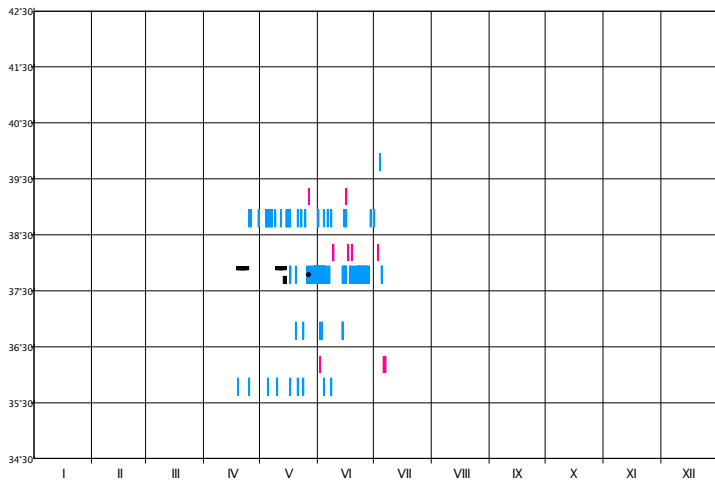
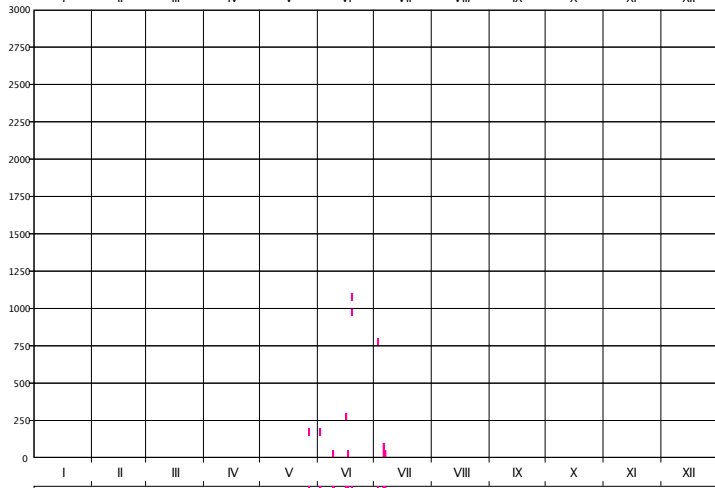
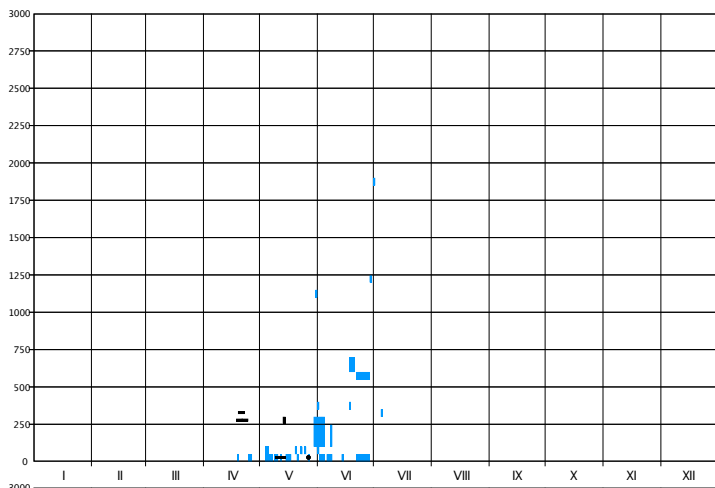
<http://www.pamperis.gr/PHOTOGRAPHS/Thymelicus.html>



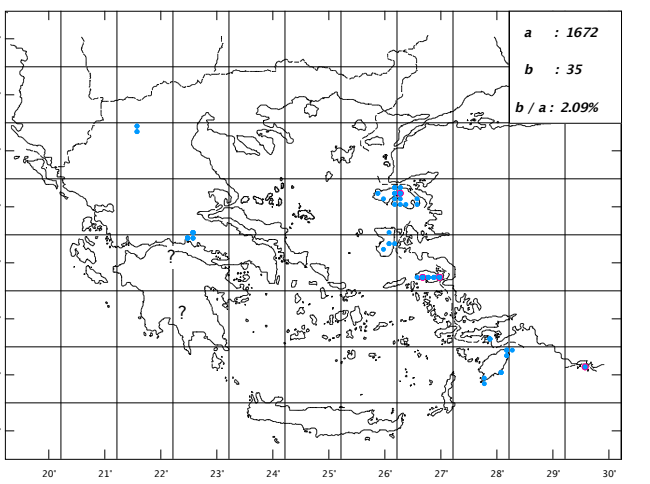
**HESPERIIDAE *Thymelicus sylvestris***



<http://www.pamperis.gr/PHOTOGRAPHS/Thymelicus.html>



**HESPERIIDAE *Thymelicus hyrax***

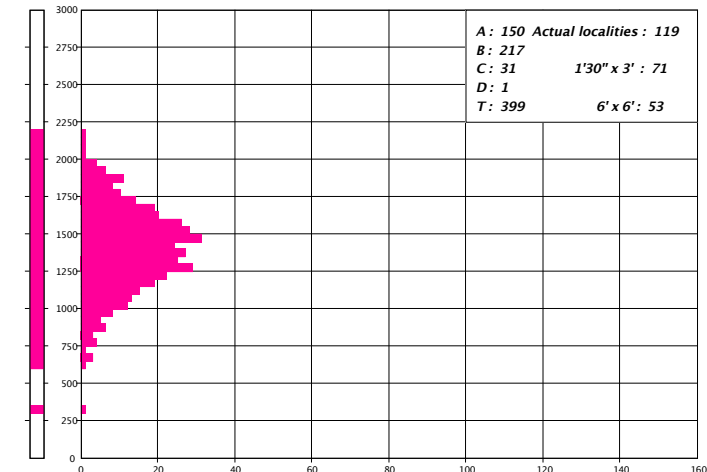
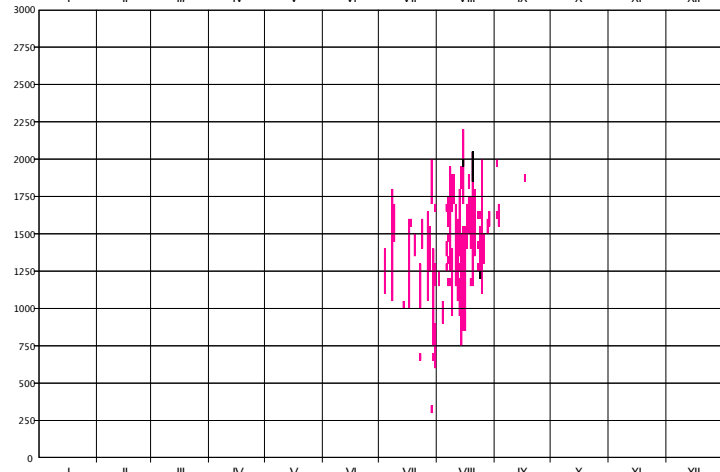
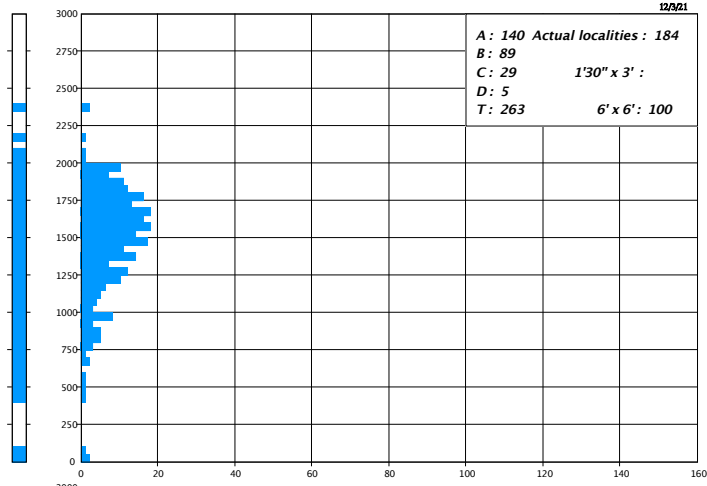
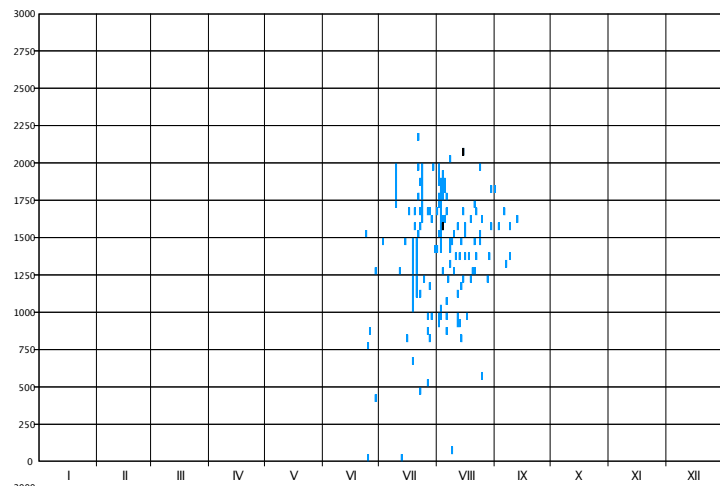


12/2/21  
**A : 1 Actual localities : 102**  
**B : 3**  
**C : 16 1'30" x 3' :**  
**D : 58**  
**T : 78 6' x 6' : 35**

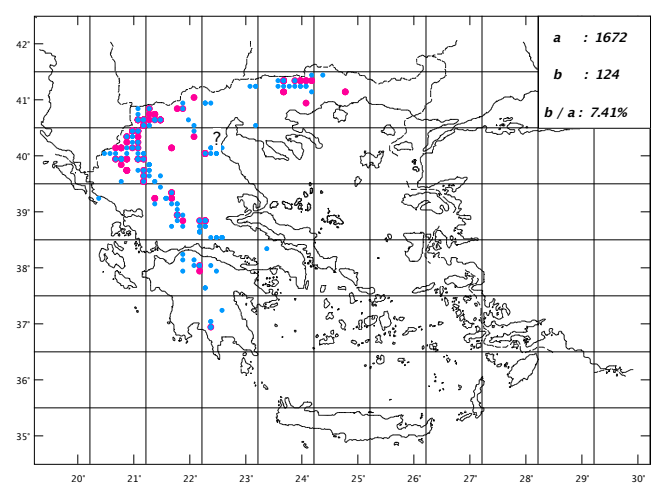
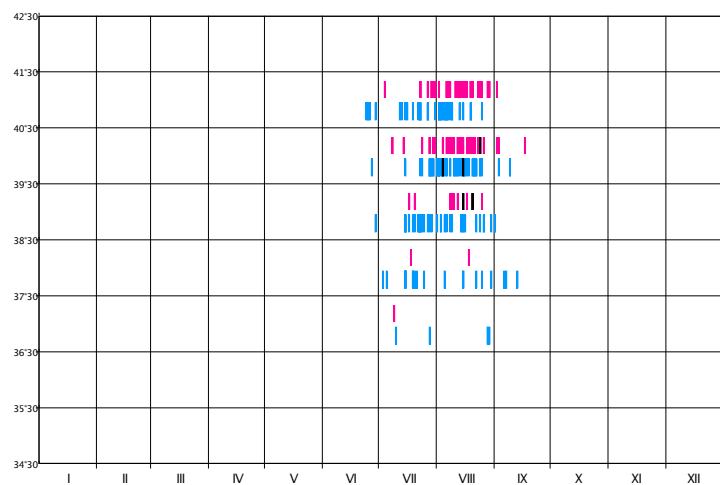
**A : 0 Actual localities : 8**  
**B : 1**  
**C : 2 1'30" x 3' : 6**  
**D : 8**  
**T : 11 6' x 6' : 4**

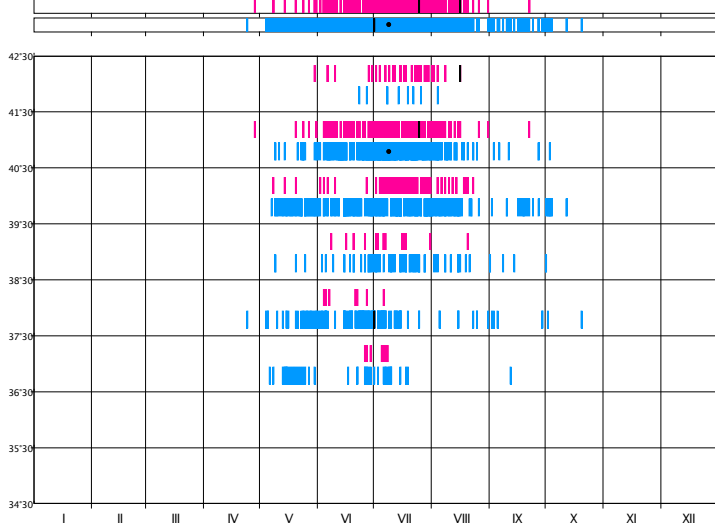
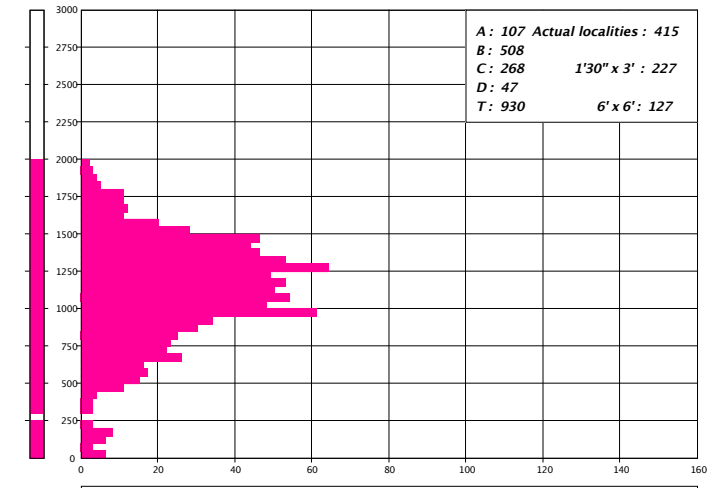
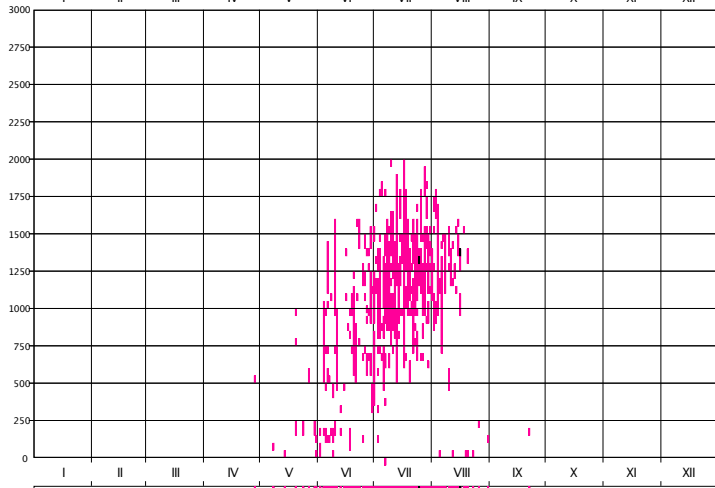
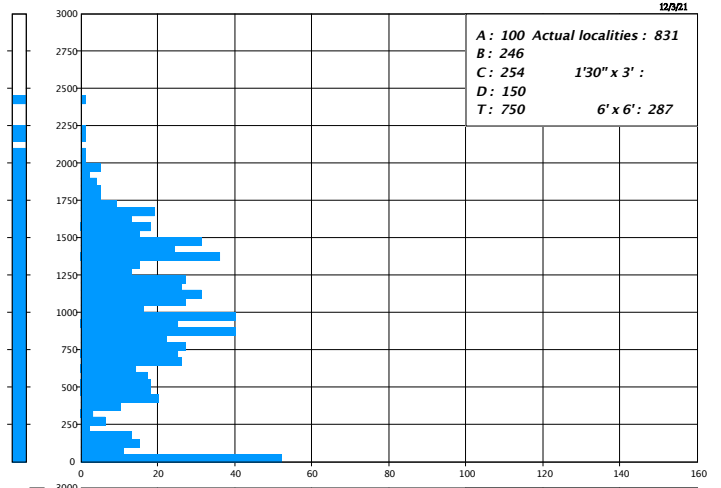
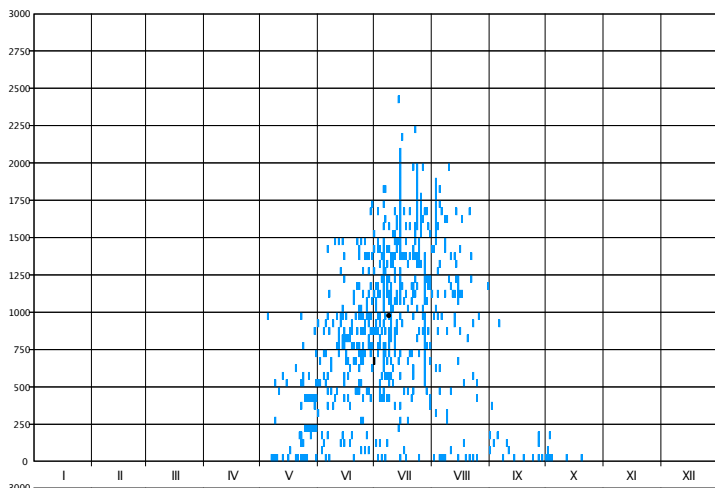
**a : 1672**  
**b : 35**  
**b / a : 2.09%**

<http://www.pamperis.gr/PHOTOGRAPHS/Thymelicus.html>

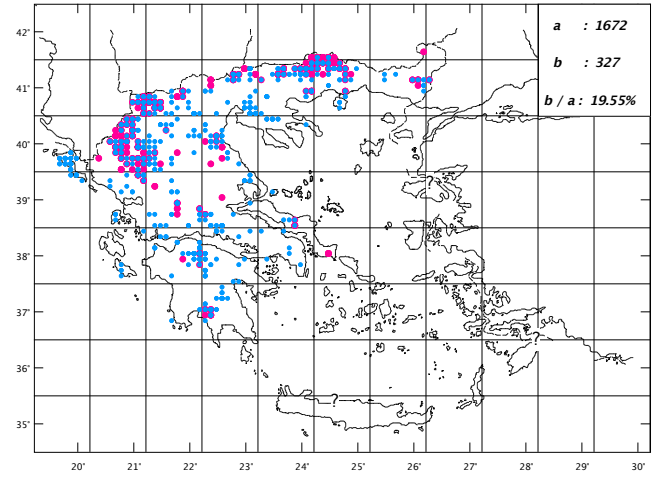


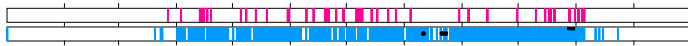
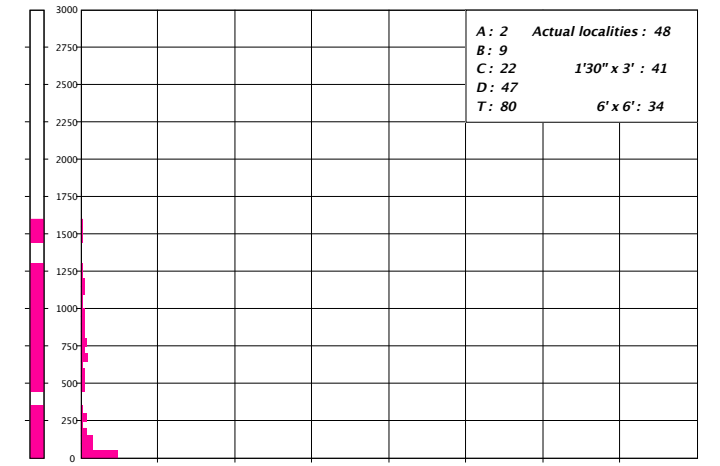
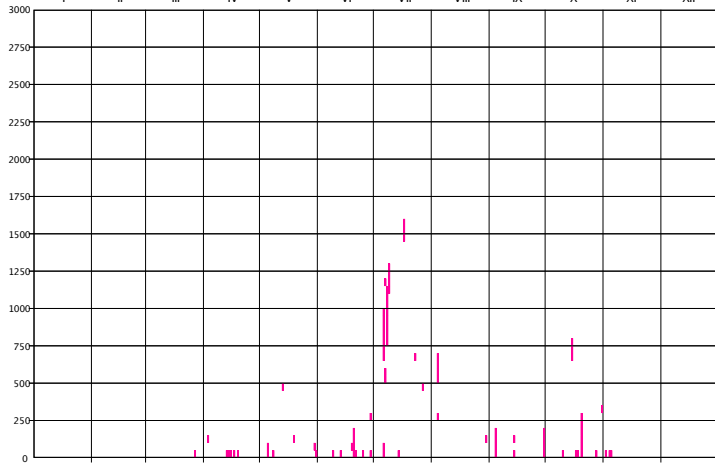
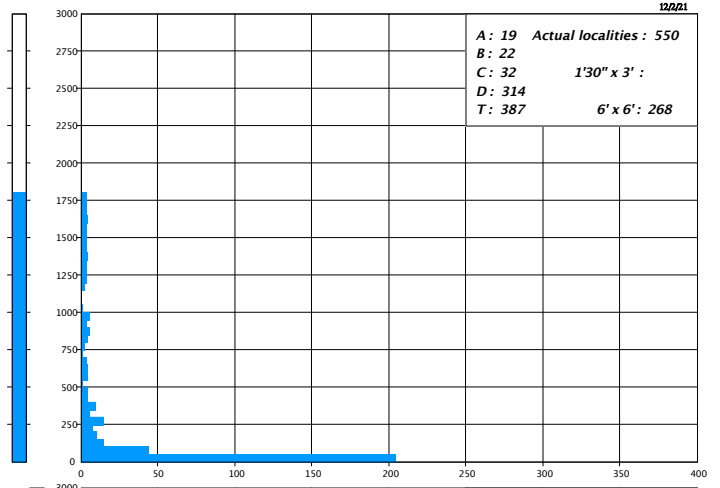
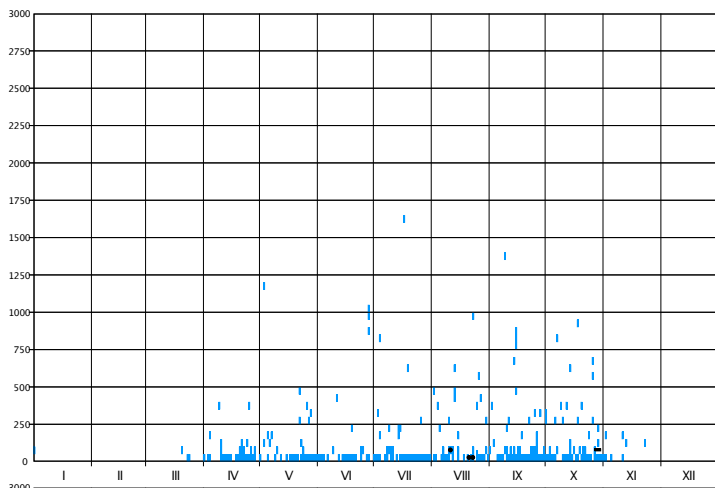
**HESPERIIDAE *Hesperia comma***



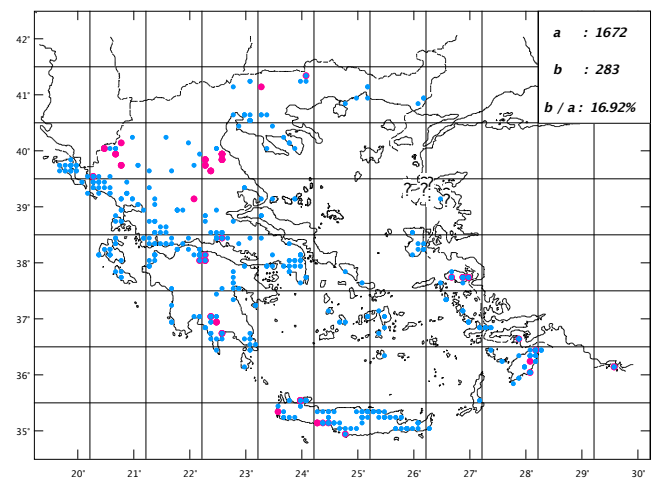
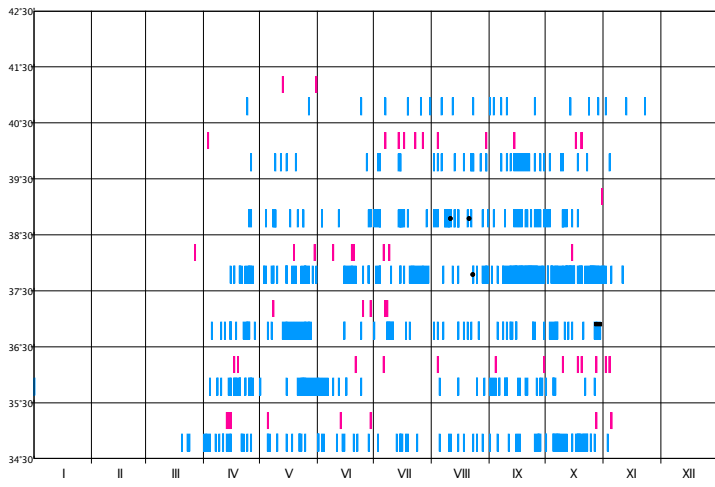


**HESPERIIDAE *Ochloides sylvanus***

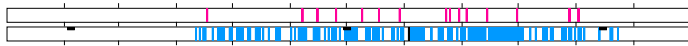
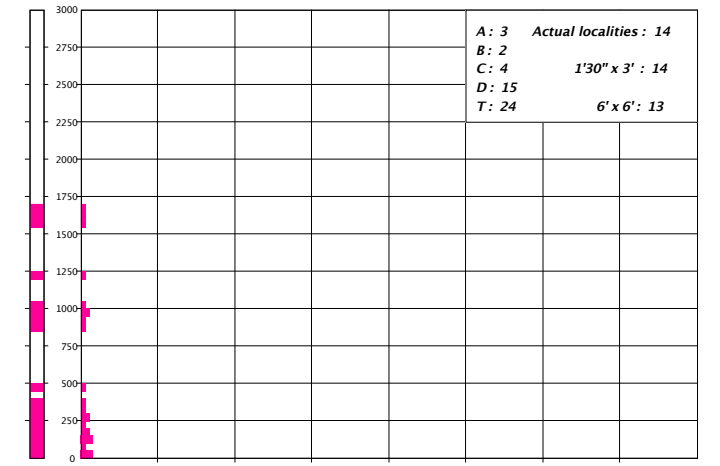
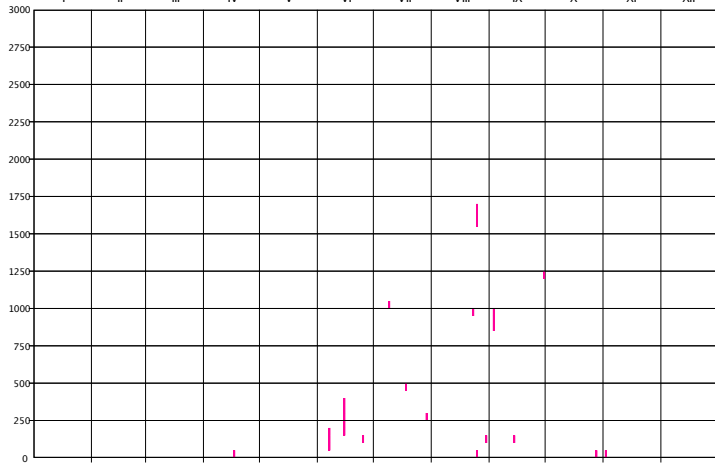
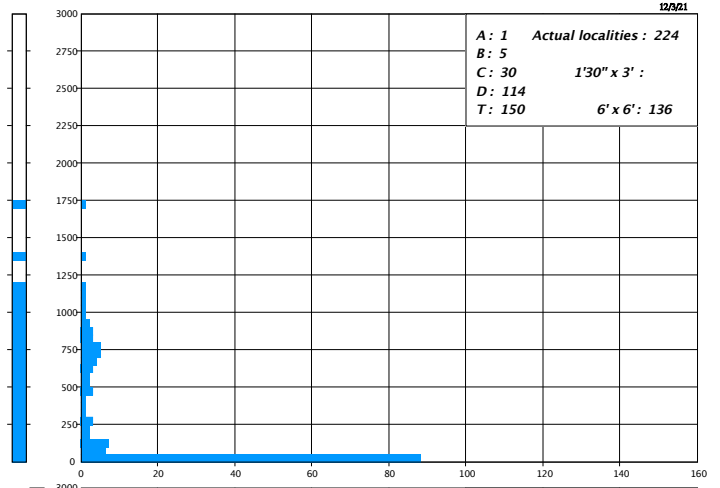
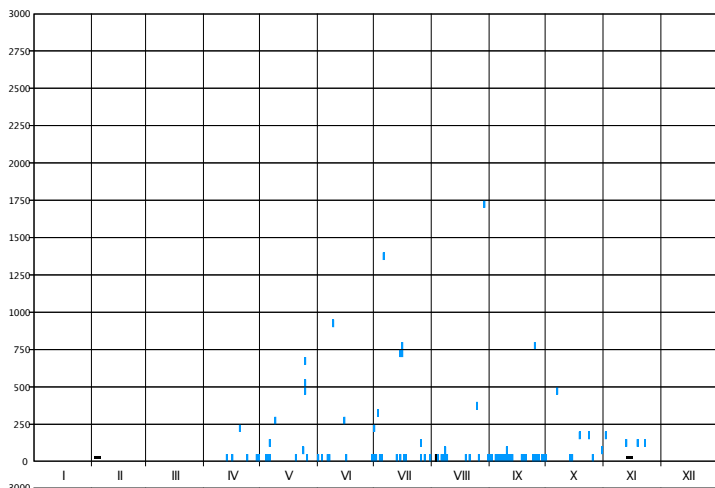




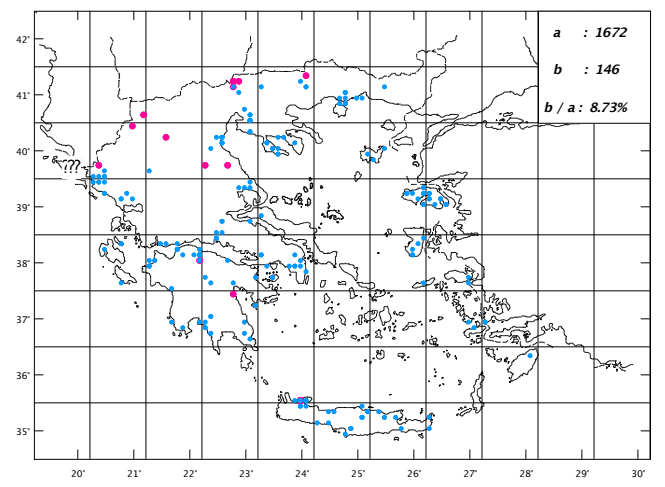
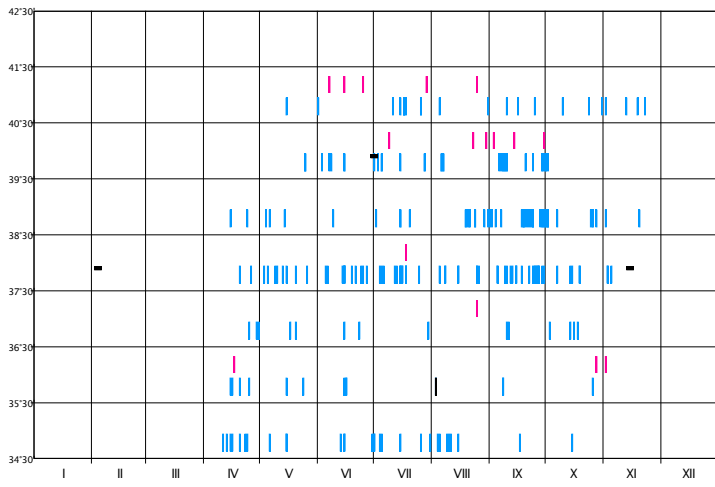
**HESPERIIDAE *Gegenes pumilio***



[https://www.pamperis.gr/PHOTOGRAPHS/Gegenes\\_pumilio\\_nostrodomus\\_complex.html](https://www.pamperis.gr/PHOTOGRAPHS/Gegenes_pumilio_nostrodomus_complex.html)

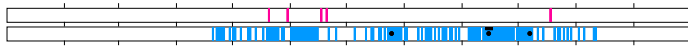
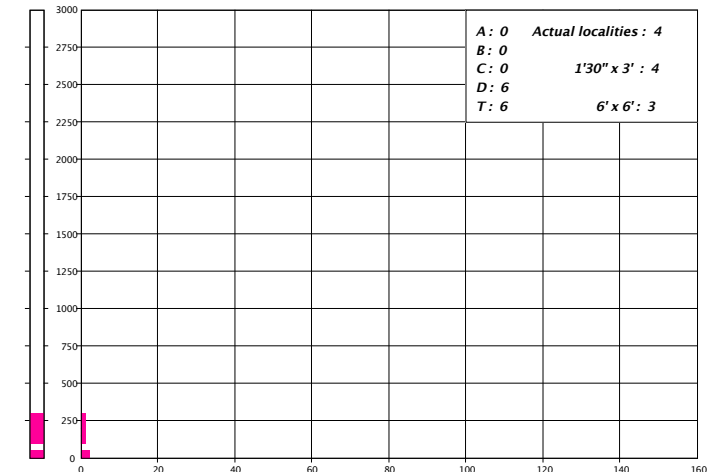
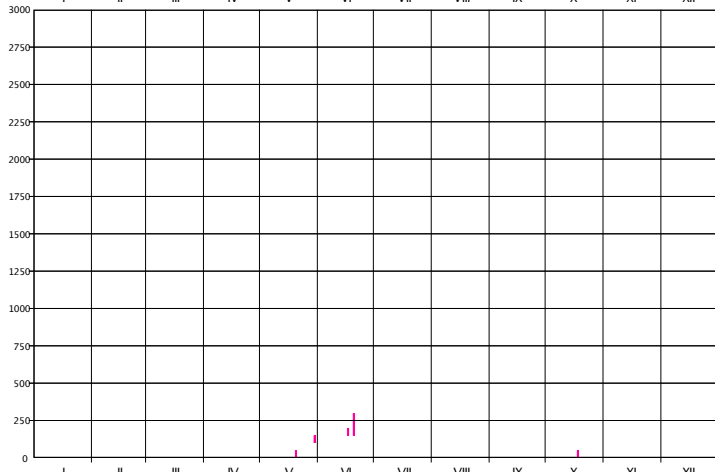
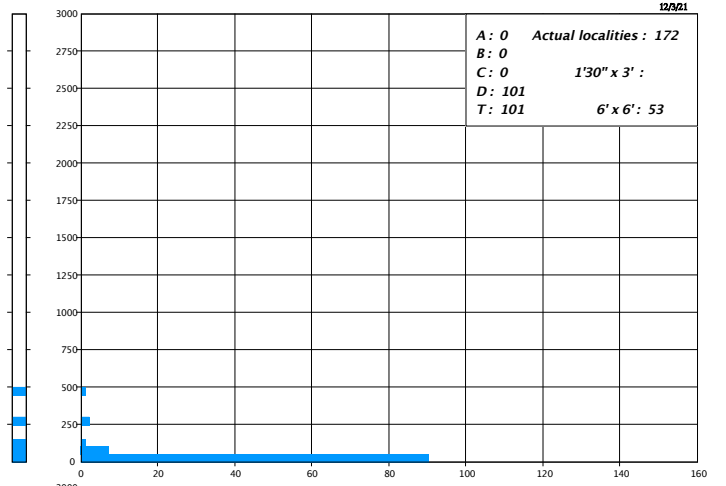
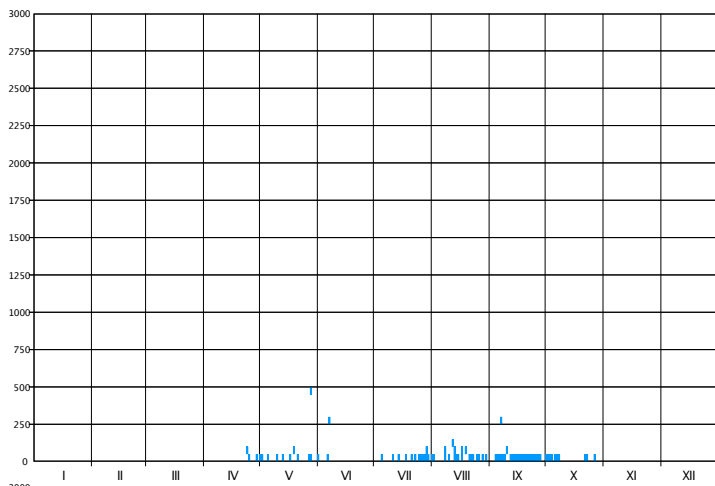


**HESPERIIDAE *Gegenes nostradamus***



[https://www.pamperis.gr/PHOTOGRAPHS/Gegenes\\_pumilio\\_nostradamus\\_complex.html](https://www.pamperis.gr/PHOTOGRAPHS/Gegenes_pumilio_nostradamus_complex.html)





**HESPERIIDAE *Pelopidas thrax***

